

INTERTEK TESTING SERVICES DE MÉXICO, SA DE CV / LABORATORIO MATRIZ
POMIENTE 134 No. 660, INDUSTRIAL VALLEJO, AZCAPOTZALCO, CIUDAD DE MÉXICO, C.P. 02300
Telés. (55) 5988 0900 Comunicador ext. 6420 (55) 5091 2170 Directo Página Web: www.intertek.com.mx

ORDEN DE TRABAJO / CADENA DE CUSTODIA EXTERNA

DIRIGIR INFORME A: () No. DE CLIENTE: ()
FACTURAR A: () No. DE INFORME: () No. DE CLIENTE: ()
Razón Social: COMISION NACIONAL DEL AGUA
Dirección: AV. INSURGENTES SUR No. 2416, COPILCO
EL BAJO, COYOACAN, DISTRITO FEDERAL, MEXICO C.P. 04340
Atención: Dr. Eric Daniel Gutiérrez López
Teléfono 01-55-53-77-02-20
Fax: 01-55-53-77-02-00
e-mail: eric.gutierrez@conagua.gob.mx
R.F.C.: CNA8901165F2

NOMBRE DEL PROYECTO: CNA-GRM-034-2012 PROYECTO CNA SIRALAB

IDENTIFICACIÓN DE LA MUESTRA	FECHA MUESTREO	HORA MUESTREO	MATRIZ DE LA MUESTRA	PESO / CANT. RECIBIDA	No. DE LABORATORIO
Mangati 7	19/08/18	11:20	SEDIMENTOS	✓	8325047

NOMBRE DEL MUESTREADOR: URIAS GOMEZ CAMPERO
EMPRESA: ITS
Firma del Muestreador: [Firma]
No. de Hielera(s): Identificación de Hielera(s): MUESTRA POR TRIPLICADO
OBSERVACIONES:
CLAVE DE SITIO DE MUESTREO: Mangati 7
NOMBRE DEL SITIO DE MUESTREO:
ESTADO: TABASCO
MUNICIPIO MACUSPANA
BRIGADA: ITS-TAB13
Nombre del Supervisor: JOSE MARTIN PALACIOS HERNANDEZ
Firma del Supervisor: [Firma]

PARAMETROS A ANALIZAR		F-I-PPC3-1				
IMPORTANTE ESPECIFICAR MÉTODO ANALÍTICO REQUERIDO (OCUPAR UNA COLUMNA POR PARÁMETRO O GRUPO O PAQUETE)		ORDEN DE TRABAJO				
ESTUDIO ESPECIAL PROTOCOLO MACUSPANA TABASCO, PARAMETROS EN HOJA ANEXA PARA SEDIMENTOS		ORDEN DE MUESTREO	8325047			
		COTIZACIÓN				
		SUCURSAL INTELIGIS				
		PRIORIDAD				
		A	X			
		B				
		C				
		NO. DE CONTENEDORES				
		V	P	B	O	P.C.
		1				

MUESTRAS PRESERVADAS CORRECTAMENTE: (S) (N) (NA)
TEMPERATURA DE LAS MUESTRAS EN LA RECEPCIÓN: 2-3 °C
REGISTRO DE LA CADENA DE CUSTODIAS DE LAS MUESTRAS

ENTREGA 1	ENTREGA 2	ENTREGA 3
FECHA: 20/8/18 HORA: 7:15 NOMBRE: URIAS GOMEZ CAMPERO FIRMA: [Firma]	FECHA: 20/8/18 HORA: 7:15 NOMBRE: Camacho Miranda FIRMA: [Firma]	FECHA: 20/8/18 HORA: 16:15 NOMBRE: Camacho Miranda FIRMA: [Firma]

IMPORTANTE: Con su firma el cliente declara estar de acuerdo con el alcance de la orden de trabajo.



LABORATORIOS ABC QUÍMICA INVESTIGACIÓN Y ANÁLISIS S.A. de C.V.

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COMISION NACIONAL DEL AGUA (49089)

AV. INSURGENTES SUR - 2416 Copilco El Bajo Ciudad de México , Coyoacán , 4340

A/n: DR. ERIC DANIEL GUTIERREZ LOPEZ

INFORME DE PRUEBAS

No. DE ORDEN: 832504
No. DE LABORATORIO: 832504-1
FOLIO: 1338005
FECHA DE EMISIÓN: 03/09/18
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DATOS DE LA TOMA DE MUESTRA

IDENTIFICACIÓN DE LA MUESTRA:	MANATI 7
FECHA Y HORA DE MUESTREO:	18/08/2018 11:20
MUESTREADO POR:	INTERTEK
MUESTREADOR:	URIAS GOMEZ CAMPERO
MATRIZ:	SEDIMENTOS / CONTINENTALES
OBSERVACIONES DE MUESTREO:	MUESTRA COLOR GRIS OSCURO CON OLOR CARACTERÍSTICO A PANTANO, DE CONSISTENCIA SEMISÓLIDA TIPO LIMO CHICLOSO

DATOS DE RECEPCION DE LA MUESTRA

FECHA Y HORA: 20/08/18 16:15	No. FRASCOS: 1	PRESERVACION ADECUADA: SI
OBSERVACIONES: NOMBRE DEL SITIO DE MUESTREO: MANATI 7 ESTADO DE TABASCO MUNICIPIO: MACUSPANA		
DESCRIPCIÓN: NINGUNA		

RESULTADOS DE ANALISIS DE LABORATORIO

AA	PARAMETRO	METODO ANALÍTICO	UNIDADES	RESULTADO	D	LDM	LPC	ANALIZADO	
								FECHA	AN
A	ALUMINIO BIODISPONIBLE	EPA6010C-2007	mg/kg	1157	10	0,2	1	22/08/18	TCC
A	ARSENICO BIODISPONIBLE	EPA6010C-2007	mg/kg	ND	1	0,2	1	22/08/18	TCC
A	CADMIO BIODISPONIBLE	EPA6010C-2007	mg/kg	ND	1	0,04	0,2	22/08/18	TCC
A	CROMO BIODISPONIBLE	EPA6010C-2007	mg/kg	8,407	1	0,1	0,5	22/08/18	TCC
A	NIQUEL BIODISPONIBLE	EPA6010C-2007	mg/kg	16,35	1	0,02	0,1	22/08/18	TCC
A	PLOMO BIODISPONIBLE	EPA6010C-2007	mg/kg	6,353	1	0,1	0,5	22/08/18	TCC
A	VANADIO BIODISPONIBLE	EPA6010C-2007	mg/kg	13,14000	1	0,2	1	22/08/18	TCC
A	MERCURIO BIODISPONIBLE	US EPA 7471B 2007	mg/kg	ND	1	0,013	0,1	22/08/18	GVR
29.31	HUMEDAD (NOM-021)	NOM-021-SEMARNAT-2000 AS-05	%	58,0	1	0,50	***	22/08/18	PJM
1,16	ALUMINIO TOTAL	US EPA 6010C-2007	mg/Kg	31320	100	0,2	1	28/08/18	ICV
1,16	ARSENICO TOTAL	US EPA 6010C-2007	mg/kg	1,758	1	0,2	1	28/08/18	ICV
1,16	CADMIO TOTAL	US EPA 6010C-2007	mg/kg	ND	1	0,04	0,2	28/08/18	ICV
1,16	CROMO TOTAL	US EPA 6010C-2007	mg/kg	318,5	1	0,1	0,5	28/08/18	ICV
B	DIGESTION ACIDA POR MICROONDAS	EPA 3051-1996	---	REALIZADO	1	NA	NA	28/08/18	ICV
29	HIDROC. FRACC. PESADA POR EXTRACCION Y GRAVIMETRIA	EPA 1664A-1996/EPA 9071B-1996	mg/kg	ND	1	300	***	22/08/18	LMV
1,16	MERCURIO TOTAL	US EPA 7471A 1994	mg/kg	0,0491	1	0,013	0,1	28/08/18	ICV
1,16	NIQUEL TOTAL	US EPA 6010C-2007	mg/kg	257,3	1	0,02	0,1	28/08/18	ICV
1,16	PLOMO TOTAL	US EPA 6010C-2007	mg/kg	9,59	1	0,1	0,5	28/08/18	ICV
1,16	VANADIO TOTAL	US EPA 6010C-2007	mg/Kg	67,8	1	0,2	1	28/08/18	ICV



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RESULTADOS DE ANALISIS DE LABORATORIO

AA	PARAMETRO	METODO ANALÍTICO	UNIDADES	RESULTADO	D	LDM	LPC	ANALIZADO	
								FECHA	AN
COMPUESTOS ORGANICOS SEMIVOLATILES 1									
29	1,2-DIFENILHIDRAZINA (122-66-7)	US EPA 8270D 2007	mg/kg	ND	1	0,0280	0,133	22/08/18	MAS
29	2-CLORONAFTALENO (91-58-7)	US EPA 8270D 2007	mg/kg	ND	1	0,0340	0,1333333	22/08/18	MAS
29	2,3,4,6-TETRACLOROFENOL (58-90-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0720	3	22/08/18	MAS
29	2,4,5-TRICLOROFENOL (95-95-4)	US EPA 8270D 2007	mg/kg	ND	1	0,0557	0,333	22/08/18	MAS
29	2,4,6-TRICLOROFENOL (88-06-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0537	0,333	22/08/18	MAS
29	2,4-DICLOROFENOL (120-83-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0595	0,333	22/08/18	MAS
29	2,4-DIMETILFENOL (105-67-9)	US EPA 8270D 2007	mg/kg	ND	1	0,0661	0,333	22/08/18	MAS
29	2,4-DINITROFENOL (51-28-5)	US EPA 8270D 2007	mg/kg	ND	1	0,0884	3	22/08/18	MAS
29	2,4-DINITROTOLUENO (121-14-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0317	1,667	22/08/18	MAS
29	2,6-DINITROTOLUENO (606-20-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0307	1,667	22/08/18	MAS
29	2-CLOROFENOL (95-57-8)	US EPA 8270D 2007	mg/kg	ND	1	0,0651	0,333	22/08/18	MAS
29	ANTRACENO (120-12-7)	US EPA 8270D 2007	mg/kg	ND	1	0,0341	0,133	22/08/18	MAS
29	BENZO(A)ANTRACENO (56-55-3)	US EPA 8270D 2007	mg/kg	ND	1	0,0353	0,133	22/08/18	MAS
29	BENZO(A)PIRENO (50-32-8)	US EPA 8270D 2007	mg/kg	ND	1	0,0303	0,133	22/08/18	MAS
29	BENZO(B)FLUORANTENO (205-99-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0240	0,133	22/08/18	MAS
29	BENZO(G,H,I)PERILENO (191-24-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0260	0,133	22/08/18	MAS
29	BENZO(K)FLUORANTENO (207-08-9)	US EPA 8270D 2007	mg/kg	ND	1	0,0352	0,133	22/08/18	MAS
29	BIS-2-(CLOROETIL) ETER (107-30-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0356	0,133	22/08/18	MAS
29	BIS-2-(CLOROISOPROPIL) ETER (108-60-1)	US EPA 8270D 2007	mg/kg	ND	1	0,0332	0,133	22/08/18	MAS
29	CRISENO (218-01-9)	US EPA 8270D 2007	mg/kg	ND	1	0,0392	0,133	22/08/18	MAS
29	DIBENZO (A,H) ANTRACENO (53-70-3)	US EPA 8270D 2007	mg/kg	ND	1	0,0225	0,133	22/08/18	MAS
29	DIETILFTALATO (84-66-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0293	0,133	22/08/18	MAS
29	DIMETILFTALATO (131-11-3)	US EPA 8270D 2007	mg/kg	ND	1	0,0340	0,133	22/08/18	MAS
29	DI-N-OCTILFTALATO (117-84-0)	US EPA 8270D 2007	mg/kg	ND	1	0,0151	1,667	22/08/18	MAS
29	FENANTRENO (85-01-8)	US EPA 8270D 2007	mg/kg	ND	1	0,0392	0,133	22/08/18	MAS
29	FENOL (108-95-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0621	0,333	22/08/18	MAS
29	FLUORANTENO (206-44-0)	US EPA 8270D 2007	mg/kg	ND	1	0,0315	0,133	22/08/18	MAS
29	FLUORENO (86-73-7)	US EPA 8270D 2007	mg/kg	ND	1	0,0327	0,133	22/08/18	MAS
29	HEXACLOROBENCENO (118-74-1)	US EPA 8270D 2007	mg/kg	ND	1	0,0398	0,133333333	22/08/18	MAS
29	HEXACLOROBUTADIENO (87-68-3)	US EPA 8270D 2007	mg/kg	ND	1	0,0418	0,133	22/08/18	MAS
29	HEXACLOROCICLOPENTADIENO (77-47-4)	US EPA 8270D 2007	mg/kg	ND	1	0,0283	1,66666667	22/08/18	MAS
29	HEXACLOROETANO (67-72-1)	US EPA 8270D 2007	mg/kg	ND	1	0,0337	0,133	22/08/18	MAS
29	INDENO(1,2,3,C-D)PIRENO (193-39-5)	US EPA 8270D 2007	mg/kg	ND	1	0,0232	0,133	22/08/18	MAS

En la columna AA se indica la clave que liga con el laboratorio que realizó la prueba y el reconocimiento legal que lo ampara (ver apartado Reconocimientos Legales)



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INFORME DE PRUEBAS

No. DE ORDEN: 832504
No. DE LABORATORIO: 832504-1
FOLIO: 1338005
FECHA DE EMISIÓN: 03/09/18
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RESULTADOS DE ANALISIS DE LABORATORIO

AA	PARAMETRO	METODO ANALÍTICO	UNIDADES	RESULTADO	D	LDM	LPC	ANALIZADO	
								FECHA	AN
29	ISOFORONA (78-59-1)	US EPA 8270D 2007	mg/kg	ND	1	0,0290	0,133	22/08/18	MAS
29	m+p-CRESOL (NA)	US EPA 8270D 2007	mg/kg	ND	1	0,129	0,667	22/08/18	MAS
29	NAFTALENO (91-20-3)	US EPA 8270D 2007	mg/kg	ND	1	0,0357	0,133	22/08/18	MAS
29	NITROBENCENO (98-95-3)	US EPA 8270D 2007	mg/kg	ND	1	0,0281	0,133	22/08/18	MAS
29	N-NITROSODIFENILAMINA (86-30-6)	US EPA 8270D 2007	mg/kg	ND	1	0,0301	0,133	22/08/18	MAS
29	N-NITROSODIMETILAMINA (62-75-9)	US EPA 8270D 2007	mg/kg	ND	1	0,0370	0,133	22/08/18	MAS
29	N-NITROSO-DI-N-PROPILAMINA (621-64-7)	US EPA 8270D 2007	mg/kg	ND	1	0,0319	0,133	22/08/18	MAS
29	o-CRESOL (95-48-7)	US EPA 8270D 2007	mg/kg	ND	1	0,0670	0,333	22/08/18	MAS
29	PENTAFLOROFENOL (87-86-5)	US EPA 8270D 2007	mg/kg	ND	1	0,0215	3	22/08/18	MAS
29	PIRENO (129-00-0)	US EPA 8270D 2007	mg/kg	ND	1	0,0333	0,133	22/08/18	MAS
29	PIRIDINA (110-86-1)	US EPA 8270D 2007	mg/kg	ND	1	0,1320	0,6667	22/08/18	MAS
29	ANILINA (62-53-3)	US EPA 8270D 2007	mg/kg	ND	1	0,0730	0,333	22/08/18	MAS
29	ALCOHOL BENCILICO (100-51-6)	US EPA 8270D 2007	mg/kg	ND	1	0,0613	0,33333333	22/08/18	MAS
29	BIS(2-CLOROETOXI)-METANO (111-91-1)	US EPA 8270D 2007	mg/kg	ND	1	0,0313	0,13333333	22/08/18	MAS
29	DIBENZOFURANO (132-64-9)	US EPA 8270D 2007	mg/kg	ND	1	0,0713	0,33333333	22/08/18	MAS
29	o-METILFENOL (95-48-7)	US EPA 8270D 2007	mg/kg	ND	1	0,0667	0,33333333	22/08/18	MAS
B	EXTRACCION DE COSVS	EPA 3550C-2007	---	REALIZADA	1	NA	NA	22/08/18	MAS
COMPUESTOS ORGANICOS SEMIVOLATILES 2									
29	2-NITROFENOL (88-75-5)	US EPA 8270D 2007	mg/kg	ND	1	0,0433	0,333	22/08/18	MAS
29	4-BROMOFENIL FENIL ETER (101-55-3)	US EPA 8270D 2007	mg/kg	ND	1	0,0316	0,133	22/08/18	MAS
29	4-CLORO-3-METILFENOL (59-50-7)	US EPA 8270D 2007	mg/kg	ND	1	0,0560	0,333	22/08/18	MAS
29	4-NITROFENOL (100-02-7)	US EPA 8270D 2007	mg/kg	ND	1	0,0310	0,333	22/08/18	MAS
29	ACENAFTENO (83-32-9)	US EPA 8270D 2007	mg/kg	ND	1	0,0353	0,133	22/08/18	MAS
29	ACENAFTILENO (208-96-8)	US EPA 8270D 2007	mg/kg	ND	1	0,0290	0,133	22/08/18	MAS
29	2-METILNAFTALENO (91-57-6)	US EPA 8270D 2007	mg/kg	ND	1	0,0660	0,33333333	22/08/18	MAS
29	2-NITROANILINA (88-74-4)	US EPA 8270D 2007	mg/kg	ND	1	0,0424	0,33333333	22/08/18	MAS
29	3-NITROANILINA (99-09-2)	US EPA 8270D 2007	mg/kg	ND	1	0,0440	0,33333333	22/08/18	MAS
29	4,6-DINITRO-2-METILFENOL (534-52-1)	US EPA 8270D 2007	mg/kg	ND	1	0,0315	3	22/08/18	MAS
29	4-CLOROANILINA (106-47-8)	US EPA 8270D 2007	mg/kg	ND	1	0,0418	0,33333333	22/08/18	MAS
29	4-CLOROFENIL-FENIL-ETER (7005-72-3)	US EPA 8270D 2007	mg/kg	ND	1	0,0350	0,13333333	22/08/18	MAS
29	4-NITROANILINA (100-01-6)	US EPA 8270D 2007	mg/kg	ND	1	0,0423	0,33333333	22/08/18	MAS
HIDROCARBUROS FRACCION MEDIA (HFM) (EPA 8015D-2003)									
B	EXTRACCION DE HIDROCARBUROS FRACCION MEDIA	EPA 3550C-2007	---	REALIZADA	1	NA	NA	22/08/18	ECA
29	HIDROCARBUROS FRACCION MEDIA	EPA 8015D-2003	mg/kg	20,13	1	12,34	33,33	23/08/18	TNE
PLAGUICIDAS ORGANOFOSFORADOS (POFs)									
29	BOLSTAR	US EPA 8141B 2007	ug/kg	ND	1	6,68	33	24/08/18	BCI

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AA	PARAMETRO	METODO ANALÍTICO	UNIDADES	RESULTADO	D	LDM	LPC	ANALIZADO	
								FECHA	AN
29	CHLORPYRIFOS	US EPA 8141B 2007	ug/kg	ND	1	5,36	33,3	24/08/18	BCI
29	COUMAPHOS	US EPA 8141B 2007	ug/kg	ND	1	12,4	33	24/08/18	BCI
29	DEMETON-S	US EPA 8141B 2007	ug/kg	ND	1	12,2	33,3	24/08/18	BCI
29	DIAZINON	US EPA 8141B 2007	ug/kg	ND	1	13,3	33,3	24/08/18	BCI
29	DIMETOATE	US EPA 8141B 2007	ug/kg	ND	1	13,0	33,3	24/08/18	BCI
29	EPN	US EPA 8141B 2007	ug/kg	ND	1	7,61	33,3	24/08/18	BCI
29	ETHOPROP	US EPA 8141B 2007	ug/kg	ND	1	12,4	33,3	24/08/18	BCI
29	FENSULFOTHION	US EPA 8141B 2007	ug/kg	ND	1	6,43	33,3	24/08/18	BCI
29	FENTHION	US EPA 8141B 2007	ug/kg	ND	1	4,51	33,3	24/08/18	BCI
29	PHORATE	US EPA 8141B 2007	ug/kg	ND	1	9,94	33,3	24/08/18	BCI
29	MALATHION	US EPA 8141B 2007	ug/kg	ND	1	5,88	33,3	24/08/18	BCI
29	METHYL PARATHION	US EPA 8141B 2007	ug/kg	ND	1	3,35	33,3	24/08/18	BCI
29	MEVINPHOS	US EPA 8141B 2007	ug/kg	ND	1	6,64	33,3	24/08/18	BCI
29	PARATHION	US EPA 8141B 2007	ug/kg	ND	1	5,02	33,3	24/08/18	BCI
29	RONNEL	US EPA 8141B 2007	ug/kg	ND	1	6,03	33,3	24/08/18	BCI
29	SULFOTEP	US EPA 8141B 2007	ug/kg	ND	1	8,0	33,3	24/08/18	BCI
29	TERBUFOS	US EPA 8141B 2007	ug/kg	ND	1	6,20	33,3	24/08/18	BCI
29	TOKUTION	US EPA 8141B 2007	ug/kg	ND	1	7,32	33,3	24/08/18	BCI
29	TRICHLORONATE	US EPA 8141B 2007	ug/kg	ND	1	3,32	33,3	24/08/18	BCI
29	DEMETON-O	US EPA 8141B 2007	ug/kg	ND	1	6,09	33,3	24/08/18	BCI
29	DISULFOTON	US EPA 8141B 2007	ug/kg	ND	1	4,71	33,3	24/08/18	BCI
29	NALED	US EPA 8141B 2007	ug/kg	ND	1	11,0	33,3	24/08/18	BCI
29	STIROPHOS	US EPA 8141B 2007	ug/kg	ND	1	5,27	33,3	24/08/18	BCI
29	AZINPHOS METHYL	US EPA 8141B 2007	ug/kg	ND	1	9,04	33,3	24/08/18	BCI
B	EXTRACCION DE COFS	EPA 3550C-2007	---	REALIZADA	1	NA	NA	23/08/18	BCI
29	DICLORVOS	US EPA 8141B 2007	ug/kg	ND	1	5,3	33,3	24/08/18	BCI
PLAGUICIDAS CLORADOS									
1	ALDRIN	US EPA 8081B-2007	mg/kg	ND	1	0,000021	0,00010	25/08/18	MOM
C	BHC (ALFA, BETA Y DELTA)	CALCULO (SUMA DE ALFA, BETA Y DELTA BHC)	mg/kg	ND	1	NA	NA	25/08/18	MOM
1	CLORDANO	US EPA 8081B-2007	mg/kg	ND	1	0,000027	0,00019	25/08/18	MOM
1	DELTA-BHC	US EPA 8081B-2007	mg/kg	ND	1	0,000028	0,00010	25/08/18	MOM
A	DDD	US EPA 8081B 2007	mg/kg	ND	1	0,000024	0,00010	25/08/18	MOM
A	DDE	US EPA 8081B 2007	mg/kg	ND	1	0,00003	0,00010	25/08/18	MOM
A	DDT	US EPA 8081B-2007	mg/kg	ND	1	0,000038	0,00010	25/08/18	MOM
1	DIELDRIN	US EPA 8081B-2007	mg/kg	ND	1	0,000017	0,00010	25/08/18	MOM
1	ENDRIN ALDEHIDO	US EPA 8081B-2007	mg/kg	ND	1	0,000025	0,00010	25/08/18	MOM
1	ENDOSULFAN (ALFA Y BETA)	US EPA 8081B-2007	mg/kg	ND	1	0,000056	0,00020	25/08/18	MOM
1	ENDOSULFAN SULFATO	US EPA 8081B-2007	mg/kg	ND	1	0,000036	0,00010	25/08/18	MOM
1	ENDRIN	US EPA 8081B-2007	mg/kg	ND	1	0,000023	0,00010	25/08/18	MOM

En la columna AA se indica la clave que liga con el laboratorio que realizó la prueba y el reconocimiento legal que lo ampara (ver apartado Reconocimientos Legales)



LABORATORIOS ABC QUÍMICA INVESTIGACIÓN Y ANÁLISIS S.A. de C.V.

Intertek + ABCAnalitic | Laboratorio Matriz - Delegación Álvaro Obregón, Ciudad de México

JACARANDAS No. 19, COL. SAN CLEMENTE, ALVARO OBREGON, CDMEX, C.P. 01740

Tels. (55) 5337-1160 CON 15 LINEAS Fax (55)56-358487 e-mail: lababc@labsabc.com.mx Página Web: www.labsabc.com.mx

INFORME DE PRUEBAS

No. DE ORDEN: 832504
No. DE LABORATORIO: 832504-1
FOLIO: 1338005
FECHA DE EMISIÓN: 03/09/18
Página 5 de 6



RESULTADOS DE ANALISIS DE LABORATORIO

AA	PARAMETRO	METODO ANALÍTICO	UNIDADES	RESULTADO	D	LDM	LPC	ANALIZADO	
								FECHA	AN
B	EXTRACCION DE PLAGUICIDAS CLORADOS	EPA 3550C-2007	mg/kg	REALIZADA	1	NA	NA	23/08/18	MOM
1	HEPTACLORO	US EPA 8081B-2007	mg/kg	ND	1	0,000028	0,00010	25/08/18	MOM
1	HEPTACLORO EPOXIDO	US EPA 8081B-2007	mg/kg	ND	1	0,000029	0,00010	25/08/18	MOM
1	HEXACLOROBENCENO	US EPA 8081B-2007	mg/kg	ND	1	0,000022	0,00010	25/08/18	MOM
1	GAMA-BCH (LINDANO)	US EPA 8081B 2007	mg/kg	ND	1	0,000037	0,00010	25/08/18	MOM
1	METOXICLORO	US EPA 8081B-2007	mg/kg	ND	1	0,000020	0,00010	25/08/18	MOM
1	TOXAFENO	US EPA 8081B-2007	mg/kg	ND	1	0,000098	0,00049	25/08/18	MOM

OBSERVACIONES ANALITICAS: LA MUESTRA NO PRESENTA MERPHOS EN UN LDM 12,38 µg/Kg, LPC 33,37 µg/Kg, SE ANALIZO EL DIA 18/04/18 CON DILUCION 1, SE DETECTAN 49 PICOS DE COMPUESTOS QUE NO CORRESPONDEN A LOS PLAGUICIDAS CLORADOS CALIBRADOS EN EL METODO ANALITICO, PARA ORGANOFOSFORADOS SE OBSERVAN 3 PICOS NO CALIBRADOS.

NOTAS EXPLICATIVAS PARA MEJOR INTERPRETACION DE LOS RESULTADOS

D: Dilución efectuada a la Muestra NA: No aplica AA: Prueba Acreditada o Aprobada (ver Tabla siguiente) AN: Clave del Analista que realizó la prueba
ND: Significa que el resultado del analito es un valor menor al expresado en la celda LDM. Otra forma de expresarlo es <LDM. NE: Análisis No Efectuado

- Para calcular la Cantidad Mínima Detectable en la muestra analizada, se debe multiplicar el LDM por la dilución efectuada (D)
- Si el resultado es mayor que el Limite de Detección del Método (LDM) y menor que el Limite Práctico de Cuantificación (LPC), debe ser tomado como estimado.
- Cuando en la columna LPC se expresa ***, significa que el valor reportado corresponde a la Cantidad Mínima Cuantificable, LDM no aplica para este Método.
- En los casos en los que se reportan Métodos Alternos, éstos han sido Autorizados por la dependencia correspondiente y de acuerdo al Art. 49 de la LFMN.
(1) El análisis fue realizado con el Método Extranjero (EPA, ISO, SM, ASTM, etc) que se indica, el cual es un Método Alterno al Método Nacional (NMX o NOM). El reconocimiento de este Método Alterno por las autoridades competentes se indica en la columna AA.
- Los valores de las Incertidumbres Expandidas de cada uno de los parámetros reportados en este informe se encuentran a su disposición, previa solicitud.

DECLARACIONES

- Este informe de Pruebas no podrá ser reproducido total ni parcialmente sin la autorización escrita y firmada por la Dirección General.
- Los resultados de las pruebas reportadas fueron realizados con los métodos y procedimientos aquí asentados, y sólo afectan a la muestra sometida a prueba.
ESTIMADO CLIENTE LE RECORDAMOS EL COMPROMISO DE ABC ANALITIC CON LOS 10 PRINCIPIOS DEL PACTO MUNDIAL DE LAS NACIONES UNIDAS EN MATERIA DE DERECHOS HUMANOS, TRABAJO, MEDIO AMBIENTE Y ANTI-CORRUPCIÓN. EN ESTE SENTIDO LE SOLICITAMOS DENUNCIAR A LA BREVEDAD POSIBLE CUALQUIER SITUACIÓN QUE USTED CONSIDERE QUE ATENTE CONTRA ESTOS PRINCIPIOS Y QUE DERIVE DE LAS OPERACIONES DE ALGÚN COLABORADOR DE NUESTRA ORGANIZACIÓN O ALGÚN TERCERO RELACIONADO AL PROCESO DE PRESTACIÓN DE NUESTROS SERVICIOS. LA DENUNCIA PODRÁ HACERLA AL CORREO ELECTRÓNICO: denuncias@abcanalitic.com

Q.I. JAVIER ENRIQUE SANCHEZ CHAVEZ
GERENTE DE OPERACIONES LABORATORIOS ABC - MATRIZ
REPRESENTANTE AUTORIZADO

En la columna AA se indica la clave que liga con el laboratorio que realizó la prueba y el reconocimiento legal que lo ampara (ver apartado Reconocimientos Legales)



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INFORME DE PRUEBAS

No. DE ORDEN: 832504

No. DE LABORATORIO: 832504-1

FOLIO: 1338005

FECHA DE EMISIÓN: 03/09/18

Página 6 de 6



RECONOCIMIENTOS LEGALES

(Actualizado al 06 de Agosto del 2018)

DEPENDENCIA O INSTITUCIÓN	AA	LABORATORIO QUE REALIZÓ LA PRUEBA Y No. DE ACREDITACIÓN, APROBACIÓN Y/O AUTORIZACIÓN	
 <p>* Laboratorio de Ensayo acreditado por ema, a.c. con base en los alcances publicados en la página de la entidad.</p>	1	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Matriz, Delegación Álvaro Obregón, Ciudad de México: Acreditación N° AG-096-029/11 - Fecha de Acreditación 2011-07-28 - Rama Agua Acreditación N° A-027-001/11 - Fecha de Acreditación 2011-08-01 - Rama Alimentos Acreditación N° R-0091-009/11 - Fecha de Acreditación 2011-05-23 - Rama Residuos	
	2	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Tlaquepaque, Jalisco: Acreditación N° AG-072-016/11 - Fecha de Acreditación 2011-08-09 - Rama Agua	
	3	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Mérida, Yucatán: Acreditación N° AG-096-029/11 S1 - Fecha de Acreditación 2014-03-25 - Rama Agua	
	4	LABORATORIO FERMI, SA DE CV - Laboratorio Matriz, Delegación Álvaro Obregón, Ciudad de México: Acreditación N° A-0352-029/12 - Fecha de Acreditación 2012-02-16 - Rama Alimentos	
	35	LABORATORIO FERMI, S.A. DE C.V. - Laboratorio Guadalupe, Nuevo León: Acreditación N° A-188-016/12 - Fecha de Acreditación 2012-12-11 - Rama Alimentos	
	5	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Tijuana, Baja California: Acreditación N° AG-0083-012/11 - Fecha de Acreditación 2011-09-01 - Rama Agua	
	27	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Guadalupe, Nuevo León: Acreditación N° AG-035-018/11 - Fecha de Acreditación 2011-06-14 - Rama Agua Acreditación N° R-0283-022/11 - Fecha de Acreditación 2011-06-09 - Rama Residuos	
	21	GAMATEK, SA DE CV - Laboratorio Matriz - Monterrey, Nuevo León: Acreditación No. FF-0020-001/12 - Fecha de Acreditación 2012-02-24 - Rama Fuentes Fijas Acreditación No. AL-0035-004/12 - Fecha de Acreditación 2012-02-07 - Rama Ambiente Laboral Acreditación No. FL - 09 - Fecha de Acreditación 2009-08-25 - Area Flujo	
	29	INTERTEK TESTING SERVICES DE MÉXICO, SA DE CV - Laboratorio Matriz, Delegación Azcapotzalco, Ciudad de México: Acreditación N° AG-188-051/11 - Fecha de Acreditación 2011-05-18 - Rama Agua Acreditación N° R-0044-003/11 - Fecha de Acreditación 2011-05-23 - Rama Residuos Acreditación N° FF-0043-002/11 - Fecha de Acreditación 2011-05-23 - Rama Fuentes Fijas Acreditación N° AL-0212-019/10 - Fecha de Acreditación 2010-08-23 - Rama Ambiente Laboral	
	Acreditaciones otorgadas por la Entidad Mexicana de Acreditación, AC bajo la norma NMX-EC-17025-IMNC-2006 (ISO/IEC 17025-2005): "Requisitos Generales para la Competencia de Laboratorios de Ensayo y Calibración"		
	COMISION FEDERAL PARA LA PROTECCIÓN CONTRA RIESGOS SANITARIOS (COFEPRIS)	7	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Matriz, Ciudad de México Tercero Autorizado como Laboratorio de Pruebas - Autorización N° TA-57-16 - Vigencia del 2016-07-14 al 2018-07-14 Rama Alimentos Autorización en proceso de renovación, se mantiene la validez hasta que se concluya el proceso por la dependencia competente.
		8	LABORATORIO FERMI, SA DE CV - Laboratorio Matriz - Ciudad de México Tercero Autorizado como Laboratorio de Pruebas - Autorización N° TA-24-18 - Vigencia del 2018-05-17 al 2020-05-17 - Rama Alimentos
		9	LABORATORIO FERMI, SA DE CV - Laboratorio Mérida, Yucatán: Tercero Autorizado como Laboratorio de Pruebas - Autorización N° TA-64-17 - Vigencia del 2017-09-14 al 2019-09-14 - Rama Alimentos
	COMISIÓN NACIONAL DEL AGUA (CONAGUA)	11	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Matriz, Delegación Álvaro Obregón, Ciudad de México: Aprobación N° CNA-GCA-1817 - Vigencia del 2018-02-09 al 2019-06-21 - Rama Agua
		12	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Tlaquepaque, Jalisco: Aprobación N° CNA-GCA-1820 - Vigencia del 2018-02-09 al 2018-12-16 - Rama Agua
		13	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Mérida, Yucatán: Aprobación N° CNA-GCA-1826 - Vigencia del 2018-02-22 al 2020-02-22 - Rama Agua
		14	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Tijuana, Baja California: Aprobación N° CNA-GCA-1818 - Vigencia del 2018-02-09 al 2019-06-21 - Rama Agua
		28	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Guadalupe, Nuevo León: Aprobación N° CNA-GCA-1819 - Vigencia del 2018-02-09 al 2019-03-01 - Rama Agua
		30	INTERTEK TESTING SERVICES DE MÉXICO, SA DE CV - Laboratorio Matriz, Delegación Azcapotzalco - Ciudad de México: Aprobación N° CNA-GCA-1822 - Vigencia del 2018-02-09 al 2019-03-01 - Rama Agua
	PROCURADURIA FEDERAL DE PROTECCIÓN AL AMBIENTE (PROFEPA)	16	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Matriz, Ciudad de México Aprobación N° PFFA-APR-LP-RS-002MS/2017 - Por la norma NMX-AA-132-SCFI-2016, Vigencia del 2017-07-28 al 2021-08-28 - Rama Suelos (Muestreo) Aprobación N° PFFA-APR-LP-RS-002/2017 - Por la norma NOM-138-SEMARNAT/SSA1-2012, numeral 7 - Vigencia del 2017-07-28 al 2021-07-28 - Rama Suelos (Muestreo) Aprobación N° PFFA-APR-LP-RS-002A/2017 - Por la norma NOM-004-SEMARNAT-2002, Anexo II - Vigencia del 2017-07-28 al 2021-07-28 - Lodos y Biosólidos (Muestreo) Aprobación N° PFFA-APR-LP-RS-0002A/2017 - Vigencia 2017-06-15 al 2021-06-15 - Rama Suelos, Lodos y Biosólidos (Análisis)
		22	GAMATEK, SA DE CV - Laboratorio Matriz - Monterrey, Nuevo León: Aprobación N° PFFA-APR-LP-FF-028/2018 - Fecha de aprobación 2018-05-31 Rama Fuentes Fijas Aprobación N° PFFA-APR-LP-RUIDO-007/2018 - Fecha de aprobación 2018-01-22 Rama Ruido de Fuentes Fijas
		31	INTERTEK TESTING SERVICES DE MÉXICO, SA DE CV - Laboratorio Matriz - Ciudad de México. Aprobación N° PFFA-APR-LP-RS-010MS/2017 - Vigencia del 2017-08-22 al 2021-08-22 - Rama Suelos (Muestreo) Aprobación N° PFFA-APR-LP-RS-10MR/2015 - Vigencia 2015-05-06 al 2019-05-06 - Rama Residuos (Muestreo) Aprobación N° PFFA-APR-LP-RS-010A/2016 - Vigencia 2016-06-10 al 2020-06-10 - Rama Suelos y Residuos (Análisis) Aprobación N° PFFA-APR-LP-RUIDO-012/2018 - Vigencia 2018-03-23 al 2022-03-23 - Rama Ruido de Fuentes Fijas
		17	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Matriz, Ciudad de México Registro N° PADLA/CDMX/CA/038/AAR - Vigencia del 2018-01-31 al 2019-01-31 - Norma NADF-015-AGUA-2009 - Rama Agua
	PADRÓN DE LABORATORIOS AMBIENTALES DEL GOBIERNO DE LA CIUDAD DE MÉXICO	24	GAMATEK, SA DE CV - Laboratorio Matriz - Monterrey, Nuevo León: Registro N° PADLA/CDMX/CA/014/AGC - Vigencia del 2017-11-13 al 2018-11-13 - Norma NOM-085-SEMARNAT-2011 - Rama Gases de Combustión Registro N° PADLA/CDMX/CA/014/VM - Vigencia del 2017-11-13 al 2018-11-13 Norma NADF-004-AMBT-2004 Rama Vibraciones Mecánicas
		32	INTERTEK TESTING SERVICES DE MÉXICO, SA DE CV - Laboratorio Matriz - Ciudad de México Registro N° PADLA/CDMX/CA/036/AAR - Vigencia del 2018-01-17 al 2019-01-17 - Norma NADF-015-AGUA-2009 - Rama Agua Registro N° PADLA/CDMX/CA/036/RD - Vigencia del 2018-01-11 al 2019-01-11 Norma NADF-005-AMBT-2013 Rama Ruido Perimetral
	GOBIERNOS DEL ESTADO DE MÉXICO Y QUERÉTARO	18	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Matriz, Ciudad de México Registro N° MEX/QRO/REDLAGO/AE/AMER/2012-2013 - Vigencia del 2012-04-01 al 2013-04-01 - Rama Fuentes Fijas Los Gobiernos del Estado de México y Querétaro no han vuelto a publicar una Convocatoria para formar parte de la Red de Laboratorios Ambientales. La última convocatoria fue el 2011-11-29. Se desconoce si se emitirá una nueva Convocatoria.
	GOBIERNO DEL ESTADO DE BAJA CALIFORNIA	20	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Tijuana, Baja California: Registro No. SPA-LAMB-002/04 Vigencia del 2017-01-13 a la próxima convocatoria - Rama Fuentes Fijas y Agua
	SECRETARIA DEL TRABAJO Y PREVISION SOCIAL	23	GAMATEK, SA DE CV - Laboratorio Matriz - Monterrey, Nuevo León: Aprobación N° LPSTPS-029/17 - Vigencia a partir del 2017-08-24 Agentes Físicos Ambiente Laboral Aprobación N° LPSTPS-029/2018 - Vigencia a partir del 2018-03-22 Agentes Químicos Ambiente Laboral
	AGUAS DE SALTILLO	25	INTERTEK TESTING SERVICES DE MÉXICO, SA DE CV - Laboratorio Matriz - Ciudad de México. Aprobación N° LPSTPS-083/16 - Vigencia a partir del 2016-08-22 y 2011-08-22 Agentes Físicos Ambiente Laboral
RAMOS ARIZPE	26	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Sucursal - Monterrey, Nuevo León: Registro No. PSSA-14/2018 Vigencia del 2018-02-12 al 2019-01-31 - Rama Agua	
JUNTA MUNICIPAL DE AGUA Y SANEAMIENTO DE JUÁREZ, CIUDAD JUÁREZ, CHIHUAHUA	34	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Matriz, Ciudad de México: Registro N° JMÁS-NORM-815/18 - Vigencia del 2018-02-09 al 2019-01-31 - Rama Agua	
JUNTA MUNICIPAL DE AGUA Y SANEAMIENTO DE CHIHUAHUA, CHIHUAHUA	36	LABORATORIOS ABC QUIMICA, INVESTIGACIÓN Y ANÁLISIS, S.A. DE C.V. - Laboratorio Matriz, Ciudad de México Registro Rama de Agua No. JMA-PSMA-024-99 - Vigencia 2017-12-09 al 2018-12-08 - Muestreo y No. JMA-PSAL-024-100 - Vigencia del 2017-12-09 al 2018-12-08 - Análisis	
Notas para casos especiales:	A	Prueba no acreditada ni autorizada o aprobada por alguna institución o dependencia, sin embargo el análisis se realiza de acuerdo a los requerimientos marcados en nuestro Sistema de Gestión de Calidad, Responsabilidad Social y Tecnología, el cual está basado en la Norma NMX-EC-17025-IMNC-2006.	
	B	Parámetro que por ser una preparación de muestra no requiere ser acreditado ni aprobado o autorizado de acuerdo con los procedimientos internos tanto de la ema a.c., como de las respectivas dependencias gubernamentales. Estas preparaciones son parte del proceso analítico.	
	C	El resultado reportado en este parámetro proviene de un cálculo que involucra resultados de otros parámetros que si fueron analizados en la muestra. No se indica ningún reconocimiento ya que esto aplica sólo para los parámetros que se cuantifican a través de una prueba.	

En la columna AA se indica la clave que liga con el laboratorio que realizó la prueba y el reconocimiento legal que lo ampara (ver apartado Reconocimientos Legales)

CROMATOGRAMAS

**PLAGUICIDAS
FOSFORADOS**

Data Path : D:\2018\22AG18\
 Data File : SV036.D
 Acq On : 24 Aug 2018 6:15 pm (#1); 24 Aug 2018 18:12 pm (#2)
 Operator : BCI/BGJ
 Sample : 832504-1
 Misc : EXT-2013-22p50 BCI BGJ CLB
 ALS Vial : 27 Sample Multiplier: 0.158562

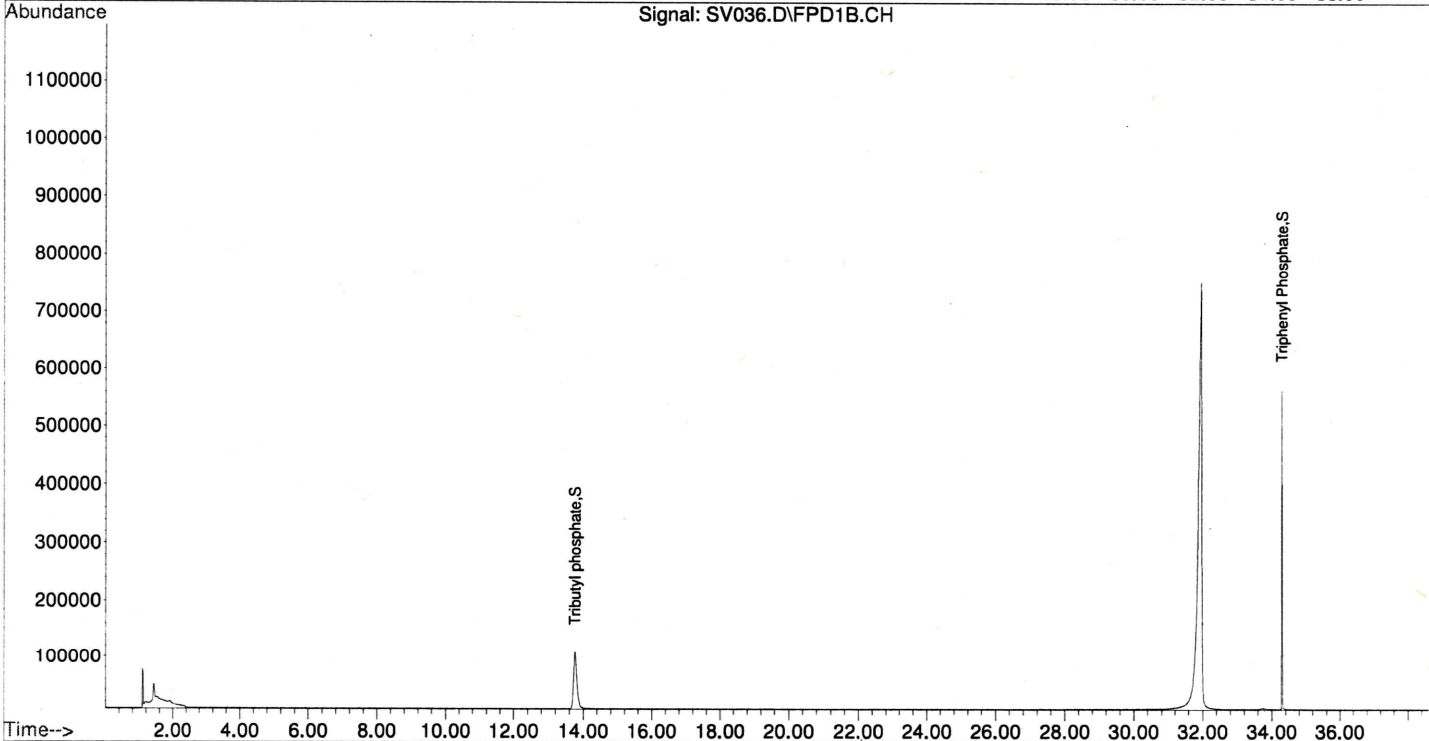
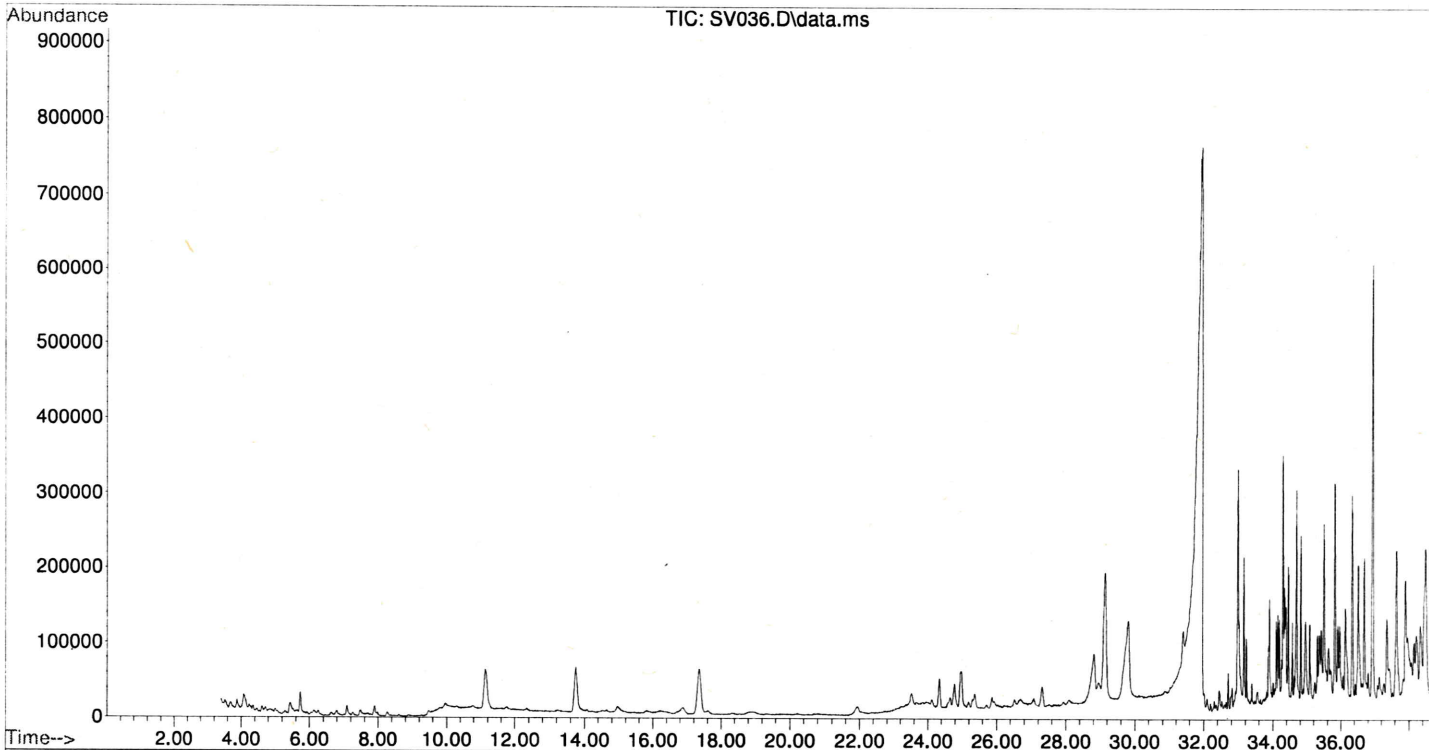
Quant Time: Aug 24 18:54:21 2018
 Quant Method : D:\METHODS\OFOSF_22AG18(500 a 4000).M
 Quant Title :
 QLast Update : Thu Aug 23 16:21:51 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
5) Tributyl phosphate	13.769	GC1	6599078	1402.83	µg/L	
Spiked Amount	1500.000			Recovery	=	93.52%
26) Triphenyl Phosphate	34.292	GC1	5243691	1328.37	µg/L	
Spiked Amount	1500.000			Recovery	=	88.56%
Target Compounds						
1) Dichlorvos (DDVP)	0.000		0			N.D.
2) Mevinphos	0.000		0			N.D.
3) Demeton-S	0.000		0			N.D.
4) Etonoprophos	0.000		0			N.D.
6) Naled	0.000		0			N.D.
7) Sulfotep	0.000		0			N.D.
8) Phorate	0.000		0			N.D.
9) Dimethoate	0.000		0			N.D.
10) Demeton-O	0.000		0			N.D.
11) Terbufos	0.000		0			N.D.
12) Diazinon	0.000		0			N.D.
13) Disulfoton	0.000		0			N.D.
14) Methyl Parathion	0.000		0			N.D.
15) Ronnel	0.000		0			N.D.
16) Malathion	0.000		0			N.D.
17) Chlorpyrifos	0.000		0			N.D.
18) Fenthion	0.000		0			N.D.
19) Ethyl Parathion	0.000		0			N.D.
20) Trichloronat	0.000		0			N.D.
21) Stirophos (Tetrachloro...	0.000		0			N.D.
22) Tokuthion (Prothiofos)	0.000		0			N.D.
23) Merphos	0.000		0			N.D.
24) Fensulfothion	0.000		0			N.D.
25) Bolstar (Sulprofos)	0.000		0			N.D.
27) EPN	0.000		0			N.D.
28) Azinphos Methyl (Guthion)	0.000		0			N.D.
29) Coumaphos	0.000		0			N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : D:\2018\22AG18\
Data File : SV036.D
Acq On : 24 Aug 2018 6:15 pm (#1); 24 Aug 2018 18:12 pm (#2)
Operator : BCI/BGJ
Sample : 832504-1
Misc : EXT-2013-22p50 BCI BGJ CLB
ALS Vial : 27 Sample Multiplier: 0.158562

Quant Time: Aug 24 18:54:21 2018
Quant Method : D:\METHODS\OFOSF_22AG18(500 a 4000).M
Quant Title :
QLast Update : Thu Aug 23 16:21:51 2018
Response via : Initial Calibration



CROMATOGRAMAS

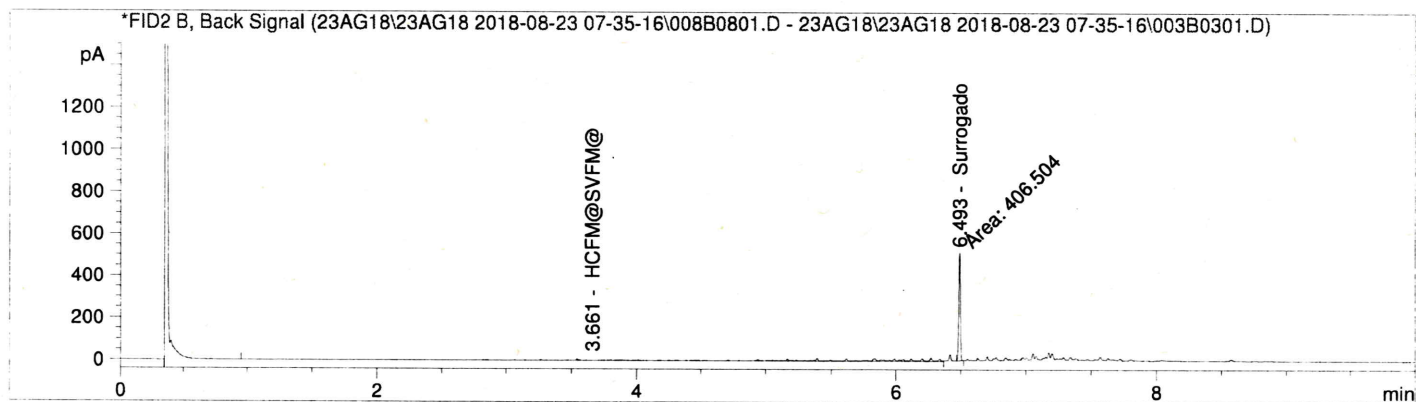
DETERMINACION DE HIDROCARBURO FRACCION MEDIA

Sample Name: 832504-1

```

=====
Acq. Operator   : TNE                               Seq. Line :    8
Acq. Instrument : Instrument 1                       Location  : Vial 8
Injection Date  : 23/08/2018 09:33:00              Inj       :    1
                                                    Inj Volume: 1 µl
Acq. Method     : D:\CHEM32\1\DATA\23AG18\23AG18 2018-08-23 07-35-16\FMN2C.M
Last changed    : 20/03/2016 09:14:15              by RGL-GSN
Analysis Method : C:\CHEM32\1\METHODS\BACK27FB18S.M
Last changed    : 23/08/2018 15:58:03              by TNE
                                                    (modified after loading)
Method Info     : Análisis Hidrocarburos Fracción Media. Columna HP-5 19091J-413#Inv.SVO-2012-
                  19-06/11 C.C 502.3 A 5023.0 mg/L SVO-2014-03-54/08 A 12 CC/HCFM/CRG024/
                  BACK27FB18S.M

Sample Info     : PREPARACION 22/08/2018, EXT-2018-21 PAG. 044
=====
    
```



External Standard Report

```

=====
Sorted By      : Signal
Calib. Data Modified : 23/08/2018 15:46:27
Multiplier:    : 6.660e-2
Dilution:     : 1.0000
Use Multiplier & Dilution Factor with ISTDs
    
```

Signal 1: FID2 B, Back Signal
 Signal has been modified after loading from rawdata file!

RetTime [min]	Type	Area [pA*s]	Amt/Area	Amount [mg/Kg]	Grp	Name
3.661	BHA+	341.27490	8.85690e-1	20.13076		HCFM@SVFM@
6.493	MM	406.50415	3.75860e-1	10.17572		Surrogado

Totals : 30.30648

*** End of Report ***

CROMATOGRAMAS

**COMPUESTOS
ORGANICOS
SEMIVOLATILES**

Data Path : C:\msdchem\1\DATA\2018\AG18\22AG18\
 Data File : SV014.D
 Acq On : 22 Aug 2018 9:01 pm
 Operator : MAS
 Sample : 832504-1
 Misc : SVOCS SUELO EXT-2018-14p19 MAS 2018-08-22
 ALS Vial : 12 Sample Multiplier: 0.06667

Quant Time: Aug 24 13:30:00 2018
 Quant Method : C:\msdchem\1\METHODS\2018 SVOCS\SVOCS-JL18-01.M
 Quant Title : ITSA CRG011
 QLast Update : Wed Jul 04 18:46:50 2018
 Response via : Initial Calibration

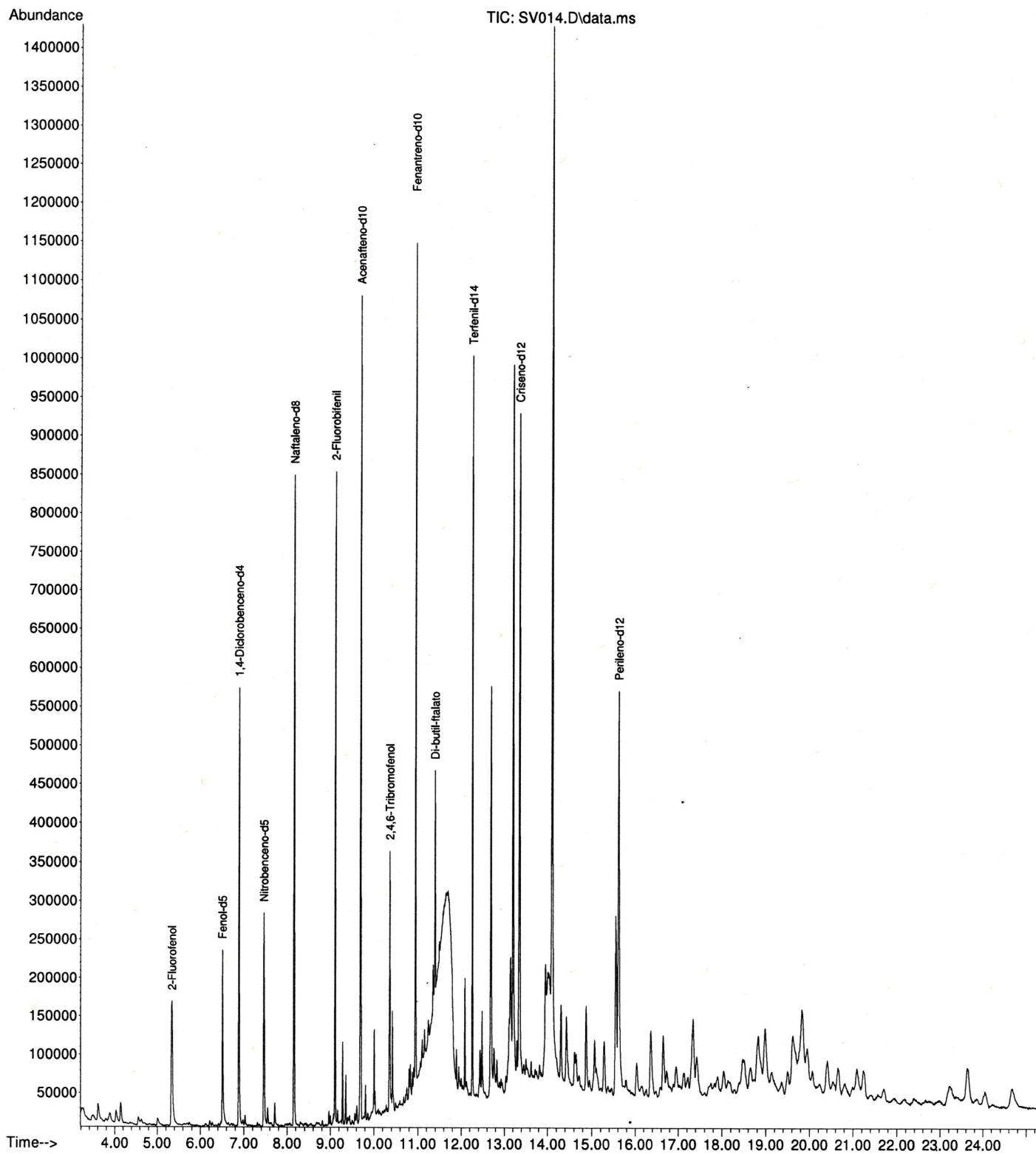
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Diclorobenceno-d4	6.884	152	1313786	20.05	µg/mL	0.00
28) Naftaleno-d8	8.155	136	4771739	20.05	µg/mL	0.00
43) Acenafteno-d10	9.694	164	2708116	20.05	µg/mL	0.00
62) Fenantreno-d10	10.942	188	4447511	20.05	µg/mL	0.00
71) Criseno-d12	13.351	240	4455407	20.05	µg/mL	0.01
78) Perileno-d12	15.617	264	4484627	20.05	µg/mL	0.02
System Monitoring Compounds						
4) 2-Fluorofenol	5.338	112	1139147	13.16	µg/mL	0.00
Spiked Amount	16.040		Recovery	=	82.04%	
5) Fenol-d5	6.507	99	1370624	13.03	µg/mL	0.00
Spiked Amount	16.040		Recovery	=	81.23%	
19) Nitrobenceno-d5	7.462	82	1113319	15.06	µg/mL	0.00
Spiked Amount	16.040		Recovery	=	93.89%	
37) 2-Fluorobifenil	9.108	172	3033068	17.27	µg/mL	0.00
Spiked Amount	16.040		Recovery	=	107.67%	
58) 2,4,6-Tribromofenol	10.359	330	502838	17.23	µg/mL	0.00
Spiked Amount	16.040		Recovery	=	107.42%	
68) Terfenil-d14	12.259	244	3534029	18.59	µg/mL	0.00
Spiked Amount	16.040		Recovery	=	115.90%	
Target Compounds						
						Qvalue
2) Piridina	0.000		0		N.D.	
3) N-nitrosodimetilamina	0.000		0		N.D.	
6) Anilina	0.000		0		N.D.	
7) Fenol	0.000		0		N.D.	
8) Bis(2-cloroetil)eter	0.000		0		N.D.	
9) 2-Clorofenol	0.000		0		N.D.	
10) 1,3-diclorobenceno	0.000		0		N.D.	
11) 1,4-Diclorobenceno	0.000		0		N.D.	
12) 1,2-Diclorobenceno	0.000		0		N.D.	
13) Alcohol bencilico	0.000		0		N.D.	
14) o-metilfenol	0.000		0		N.D.	
15) Bis(2-cloroisopropil)eter	0.000		0		N.D.	
16) Hexacloroetano	0.000		0		N.D.	
17) N-nitroso-di-n-propila...	0.000		0		N.D.	
18) m,p-Metilfenol	0.000		0		N.D.	
20) Nitrobenceno	0.000		0		N.D.	
21) Isoforona	0.000		0		N.D.	
22) 2-Nitrofenol	0.000		0		N.D.	
23) 2,4-Dimetilfenol	0.000		0		N.D.	
24) Bis(2-cloroetoxi)metano	0.000		0		N.D.	
25) 2,4-Diclorofenol	0.000		0		N.D.	
26) Acido-Benzoico	0.000		0		N.D.	
27) 1,2,4-Triclorobenceno	0.000		0		N.D.	
29) Naftaleno	0.000		0		N.D.	
30) 4-Cloroanilina	0.000		0		N.D.	
31) Hexaclorobutadieno	0.000		0		N.D.	
32) 4-Cloro-3-metilfenol	0.000		0		N.D.	
33) 2-Metilnaftaleno	0.000		0		N.D.	
34) Hexaclorociclopentadieno	0.000		0		N.D.	

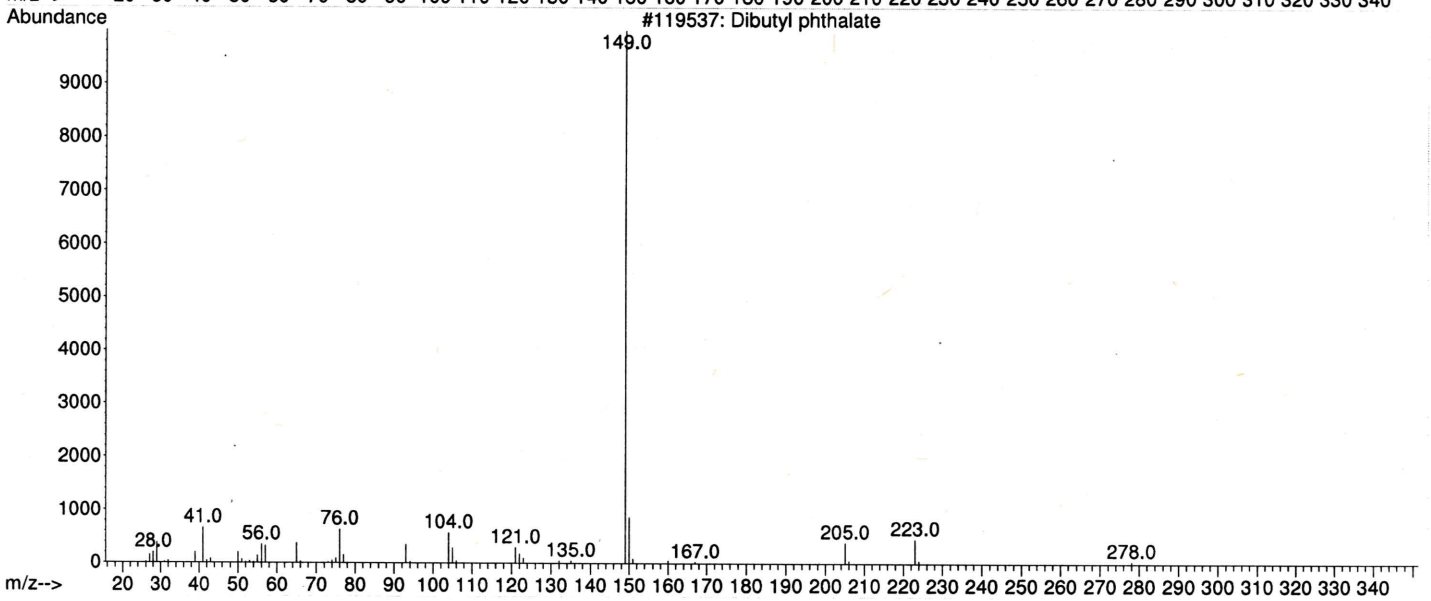
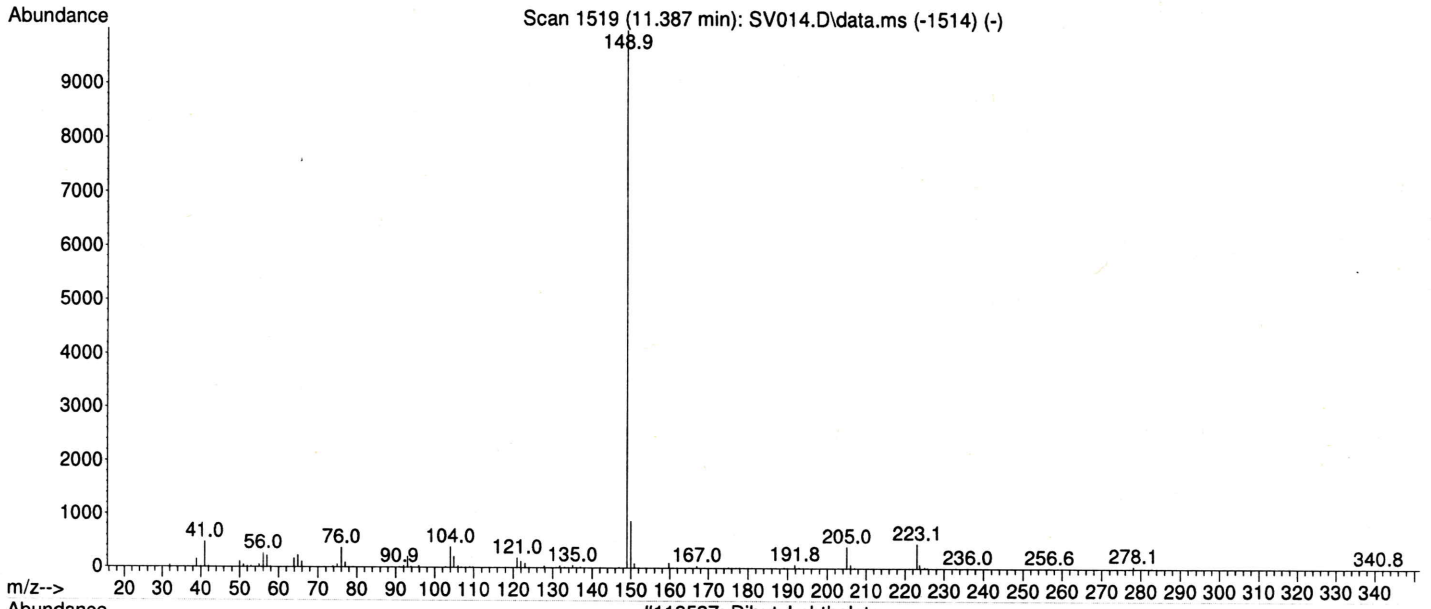
35)	2,4,6-Triclorofenol	0.000		0		N.D.
36)	2,4,5-Triclorofenol	0.000		0		N.D.
38)	2-Cloronaftaleno	0.000		0		N.D.
39)	2-Nitroanilina	0.000		0		N.D.
40)	Di-metil ftalato	0.000		0		N.D.
41)	2,6-Dinitrotolueno	0.000		0		N.D.
42)	Acenaftileno	0.000		0		N.D.
44)	3-Nitroanilina	0.000		0		N.D.
45)	Acenafteno	0.000		0		N.D.
46)	2,4-Dinitrofenol	0.000		0		N.D.
47)	4-Nitrofenol	0.000		0		N.D.
48)	Dibenzofurano	0.000		0		N.D.
49)	2,4-Dinitrotolueno	0.000		0		N.D.
50)	2,3,4,6-Tetraclorofenol	0.000		0		N.D.
51)	Di-etil-ftalato	0.000		0		N.D.
52)	Fluoreno	0.000		0		N.D.
53)	4-Clorofenil-fenil-eter	0.000		0		N.D.
54)	4-Nitroanilina	0.000		0		N.D.
55)	4,6-Dinitro-2-metilfenol	0.000		0		N.D.
56)	n-nitroso-difenilamina	0.000		0		N.D.
57)	1,2-Difenilhidrazina	0.000		0		N.D.
59)	4-Bromofenil-fenileter	0.000		0		N.D.
60)	Hexaclorobenceno	0.000		0		N.D.
61)	Pentaclorofenol	0.000		0		N.D.
63)	Fenantreno	0.000		0		N.D.
64)	Antraceno	0.000		0		N.D.
65)	Di-butil-ftalato	11.390	149	1506605	0.39 mg/Kg	98
66)	Fluoranteno	0.000		0		N.D.
67)	Pireno	0.000		0		N.D.
69)	Butil-benzil-ftalato	0.000		0		N.D.
70)	Benzo[a]antraceno	0.000		0		N.D.
72)	Criseno	0.000		0		N.D.
73)	Bis(2-etilhexil)ftalato	0.000		0		N.D.
74)	Di-n-octil-ftalato	0.000		0		N.D.
75)	Benzo(b)fluoranteno	0.000		0		N.D.
76)	Benzo(K)fluoranteno	0.000		0		N.D.
77)	Benzo(a)pireno	0.000		0		N.D.
79)	Indeno[1,2,3-cd]pireno	0.000		0		N.D.
80)	Dibenzo[a,h]antraceno	0.000		0		N.D.
81)	Benzo[g,h,i]perileno	0.000		0		N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

File :C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Operator : MAS
Acquired : 22 Aug 2018 9:01 pm using AcqMethod SVOCS.P.M
Instrument : ITSA CRG 011
Sample Name: 832504-1
Misc Info : SVOCS SUELO EXT-2018-14p19 MAS 2018-08-22
Vial Number: 12



Library Searched : C:\Database\NIST08.L
Quality : 90
ID : Dibutyl phthalate

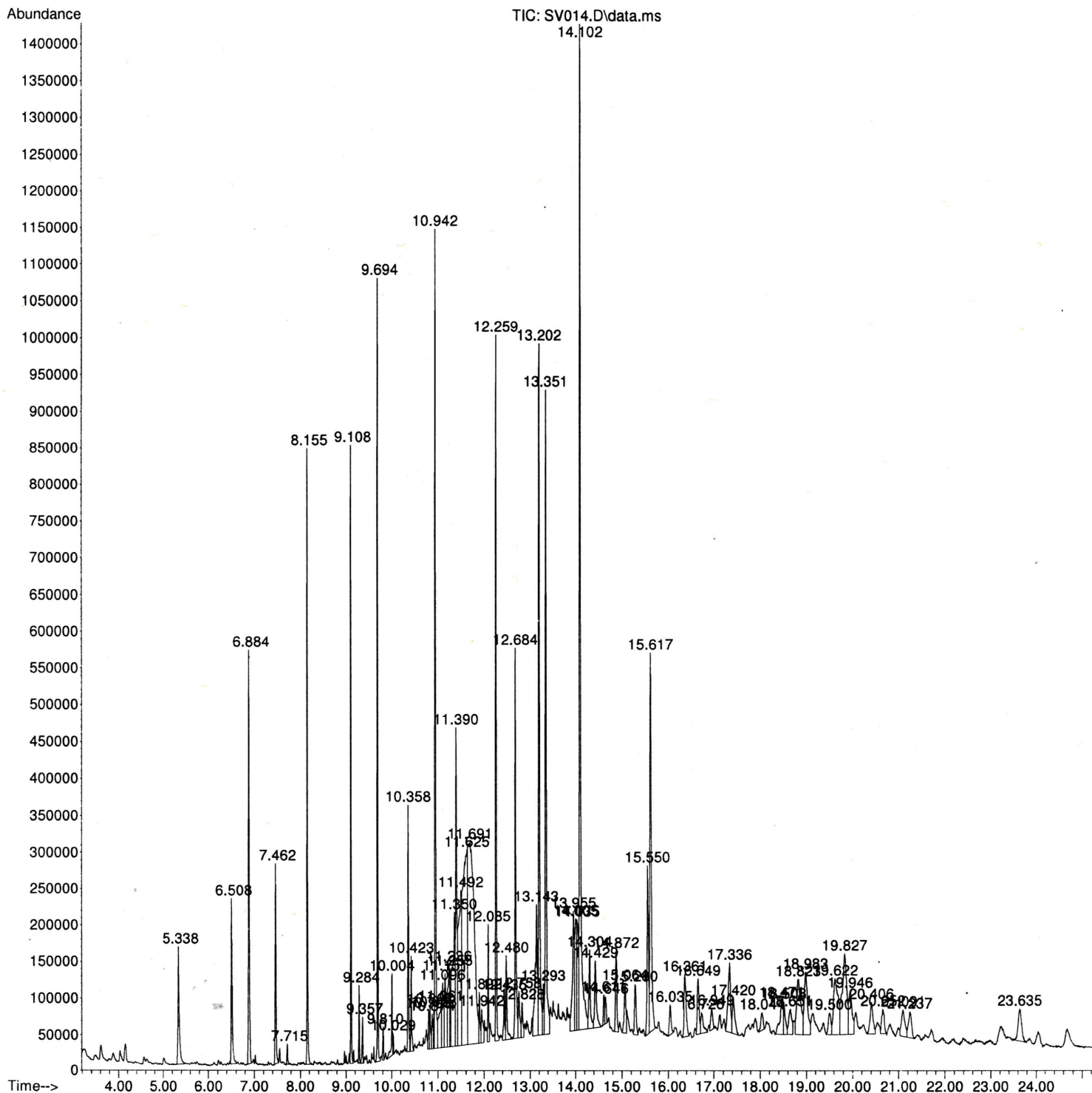


Library Search Report

Data Path : C:\msdchem\1\DATA\2018\AG18\22AG18\
Data File : SV014.D
Acq On : 22 Aug 2018 9:01 pm
Operator : MAS
Sample : 832504-1
Misc : SVOCS SUELO EXT-2018-14p19 MAS 2018-08-22
ALS Vial : 12 Sample Multiplier: 0.06667

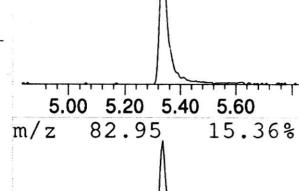
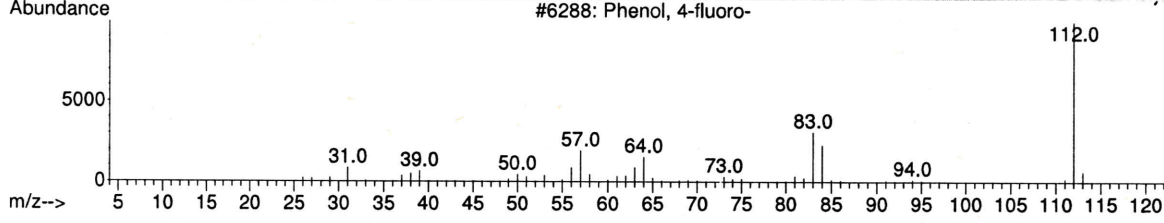
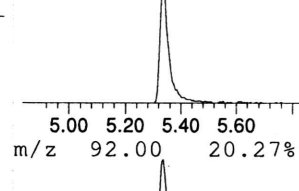
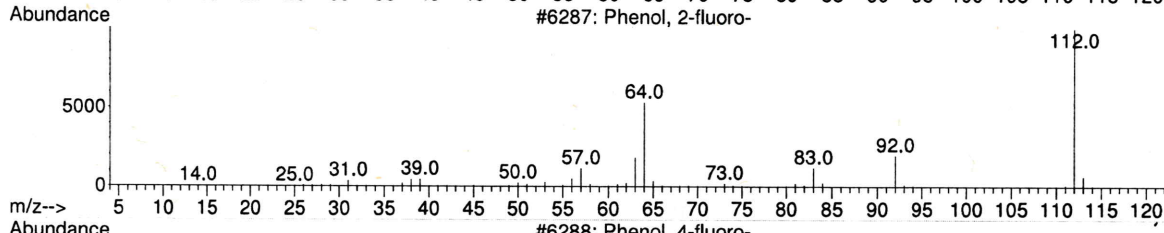
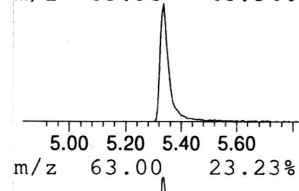
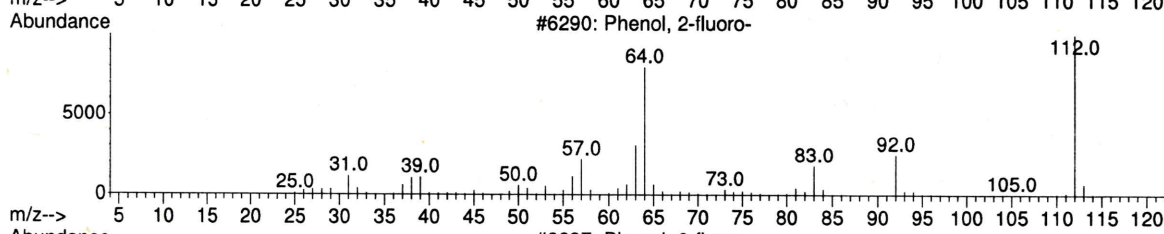
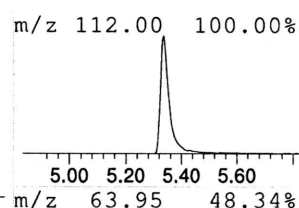
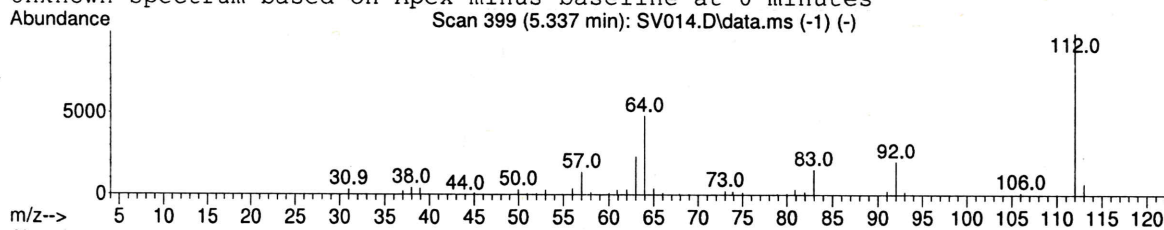
Search Libraries: C:\Database\NIST08.L Minimum Quality: 0

Unknown Spectrum: Apex minus baseline at 0 minutes
Integration Events: ChemStation Integrator - autoint1.e



Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D

Sample : 832504-1

Peak Number: 1 at 5.337 min Area: 3598012 Area % 1.09

The 3 best hits from each library.

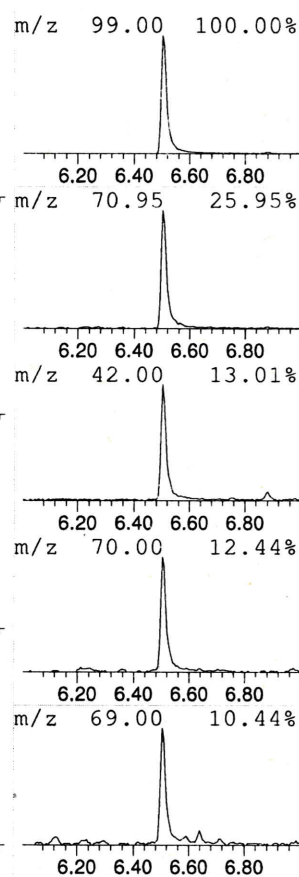
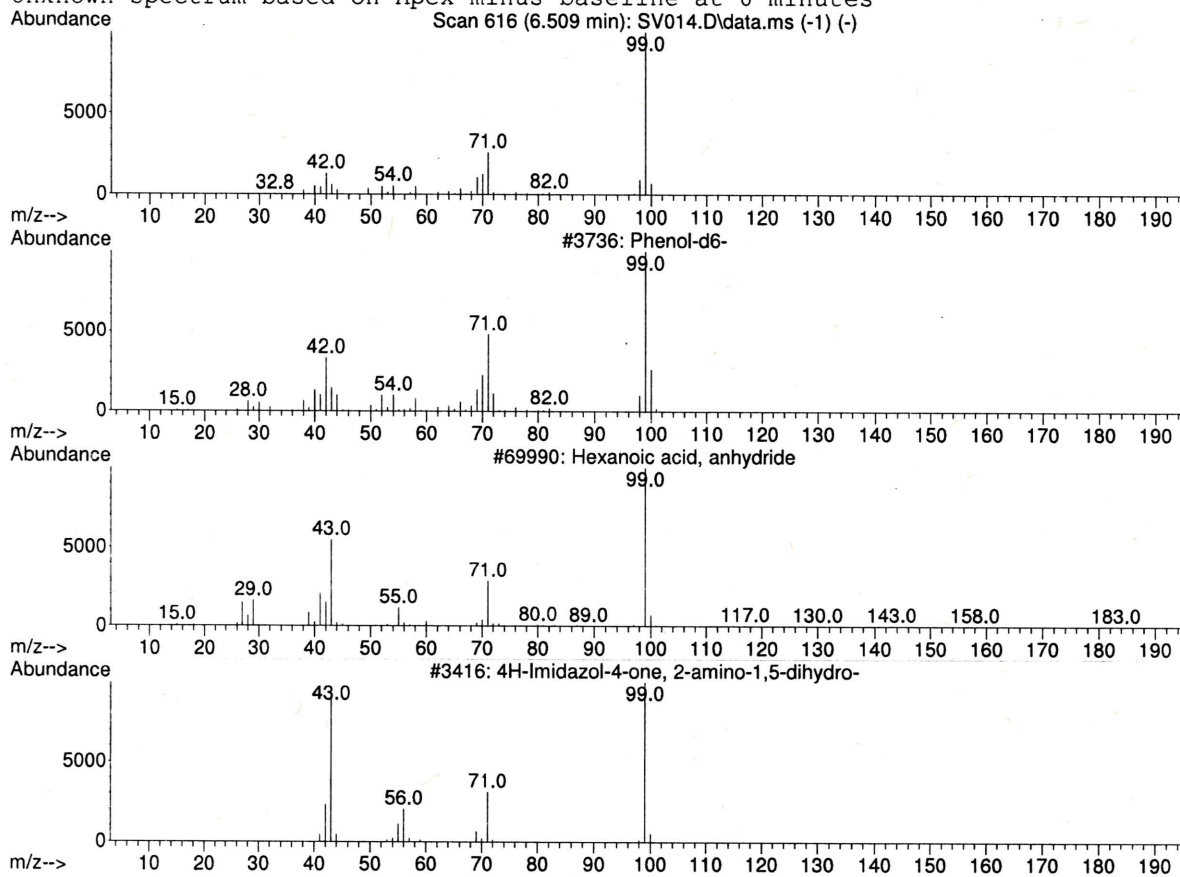
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	6290 000367-12-4	91
2	6287 000367-12-4	90
3	6288 000371-41-5	27

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 2 at 6.509 min Area: 3440459 Area % 1.04

The 3 best hits from each library.

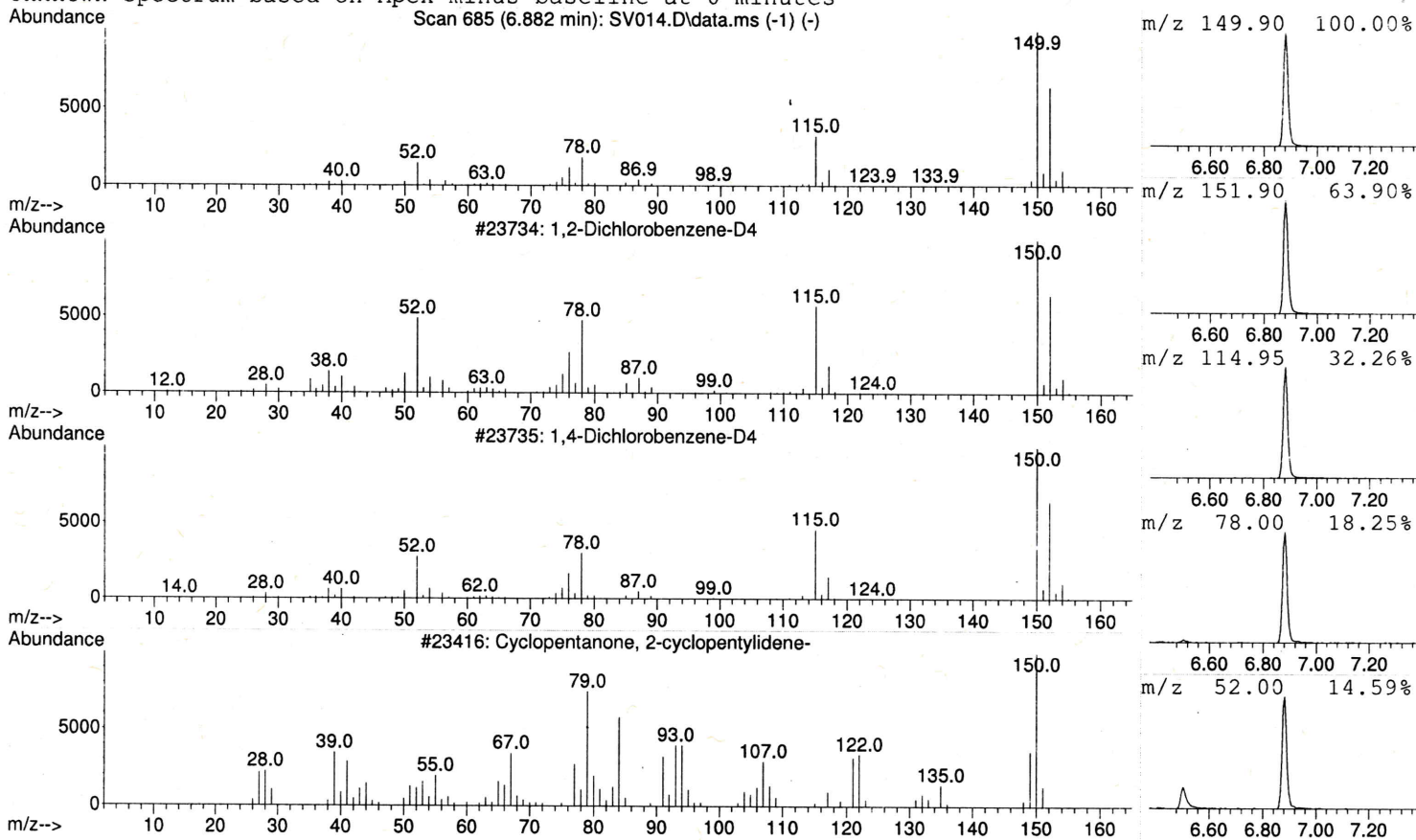
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	3736 013127-88-3	78
2	69990 002051-49-2	50
3	3416 000503-86-6	45

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 685 (6.882 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 3 at 6.882 min Area: 7052312 Area % 2.13

The 3 best hits from each library.

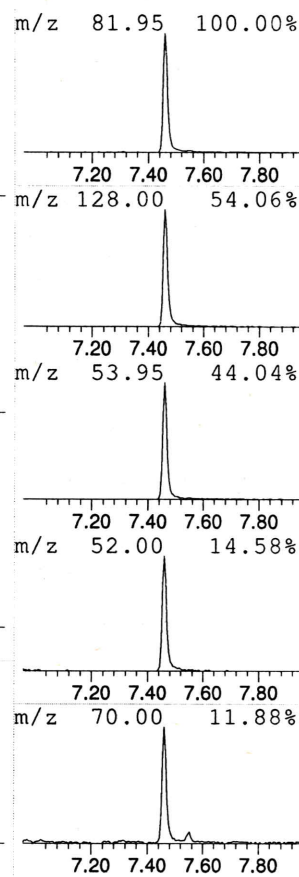
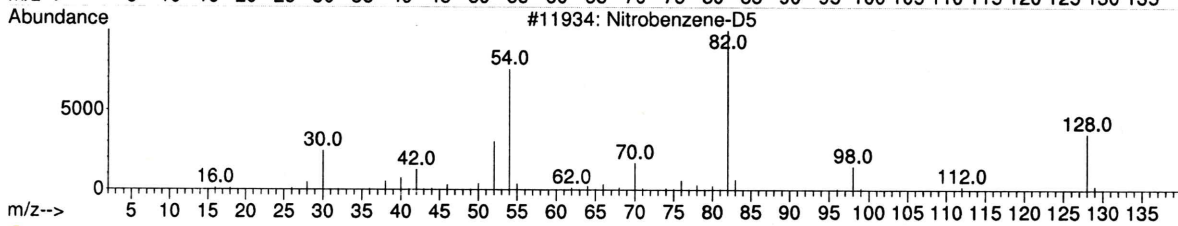
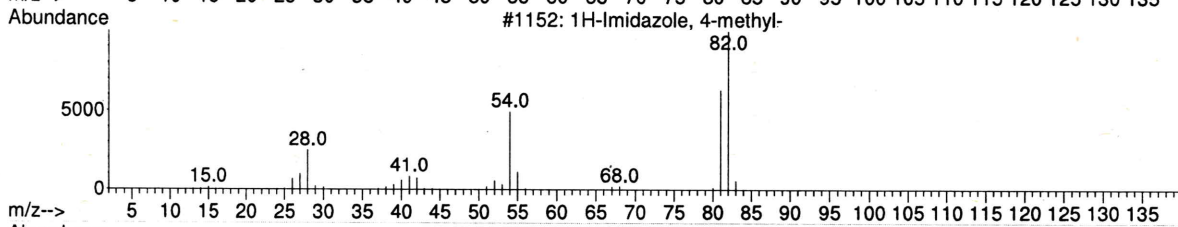
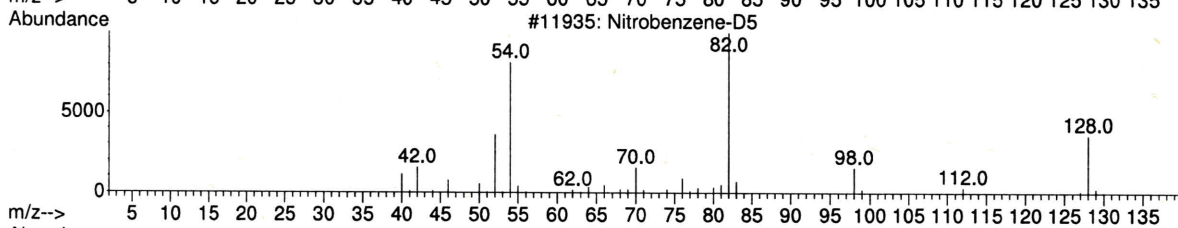
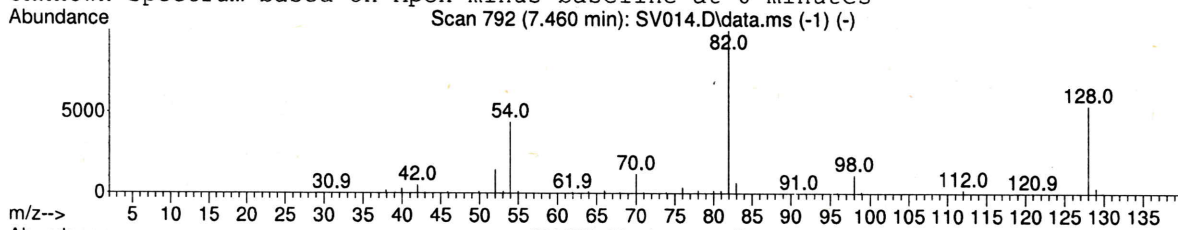
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	002199-69-1	91
2	003855-82-1	91
3	000825-25-2	35

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 4 at 7.460 min Area: 3208775 Area % 0.97

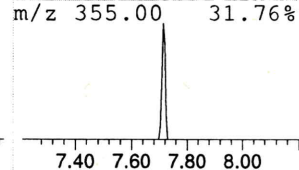
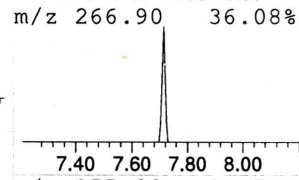
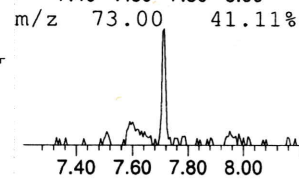
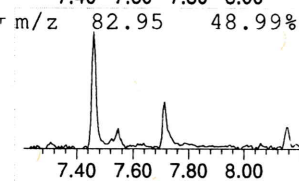
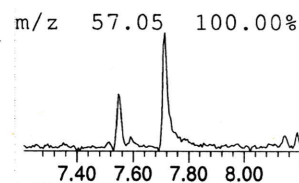
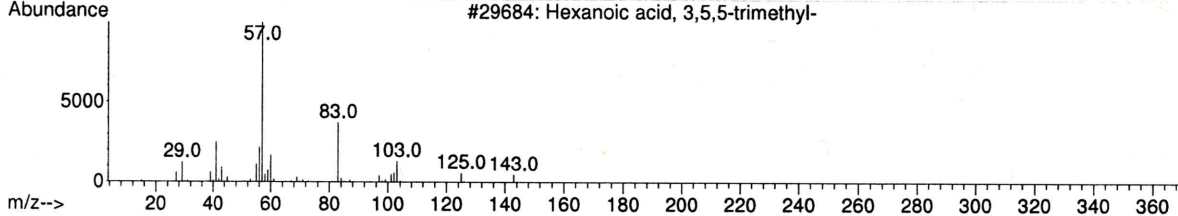
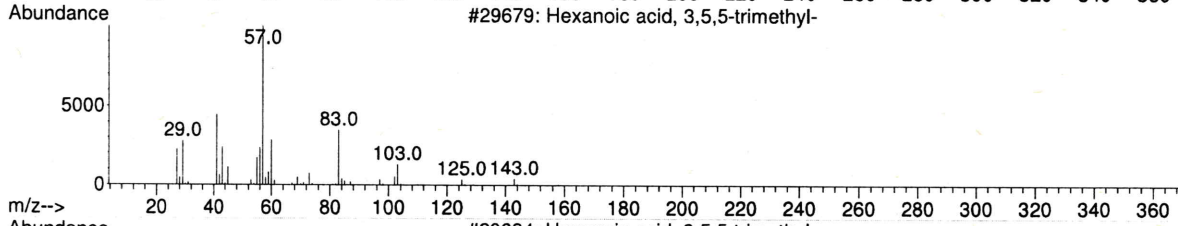
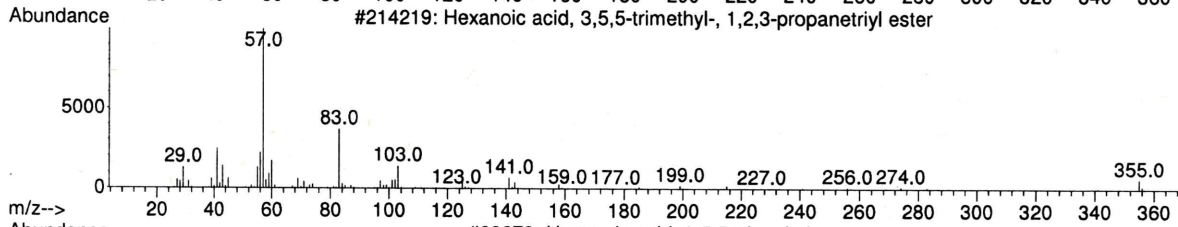
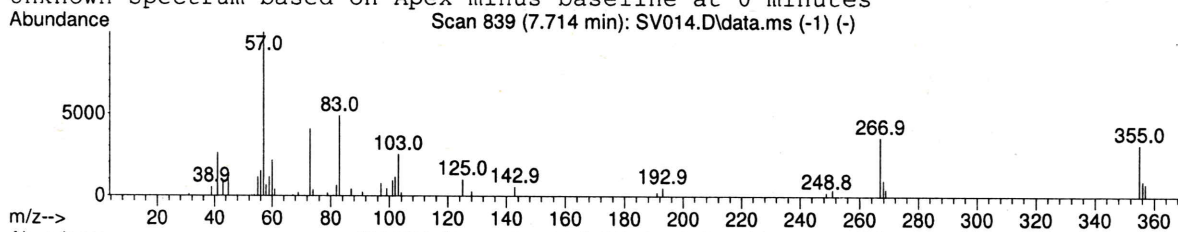
The 3 best hits from each library.

Ref\# CAS\# Qual

Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Nitrobenzene-D5	11935	004165-60-0	43
2 1H-Imidazole, 4-methyl-	1152	000822-36-6	38
3 Nitrobenzene-D5	11934	004165-60-0	38

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 839 (7.714 min): SV014.D\data.ms (-) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D

Sample : 832504-1

Peak Number: 5 at 7.714 min Area: 347988 Area % 0.10

The 3 best hits from each library.

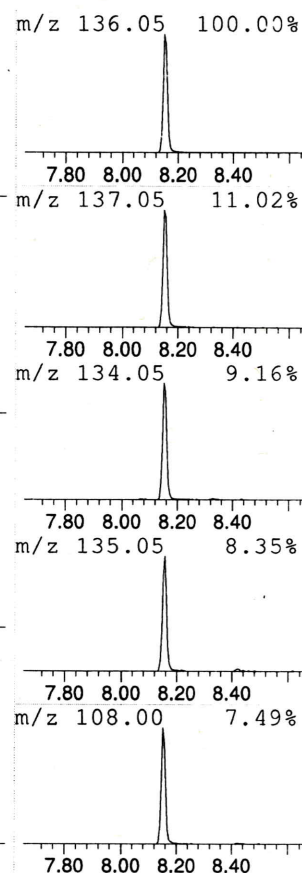
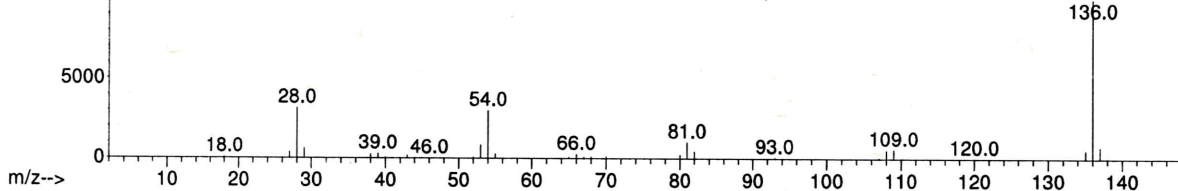
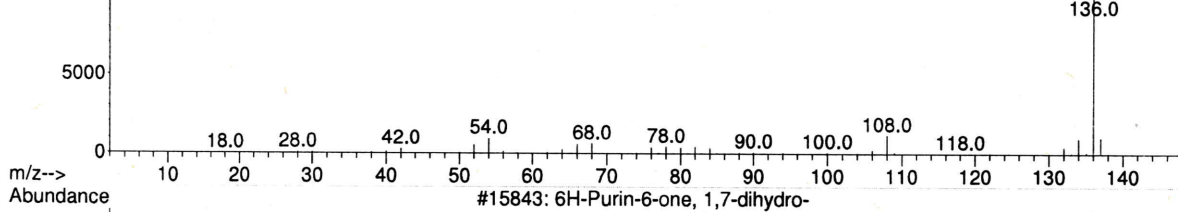
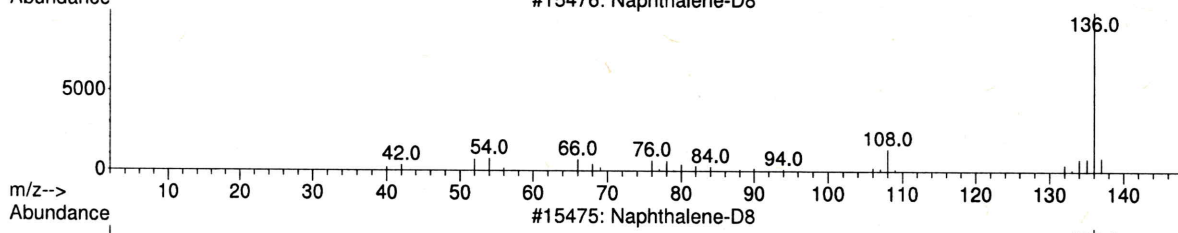
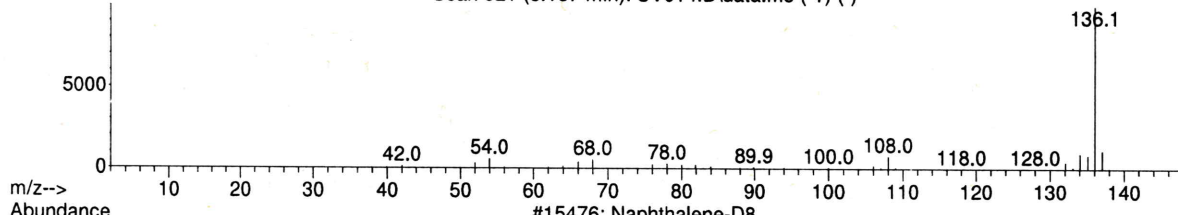
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	214219 056554-53-1	43
2	29679 003302-10-1	38
3	29684 003302-10-1	32

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 921 (8.157 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 6 at 8.157 min Area: 9245976 Area % 2.79

The 3 best hits from each library.

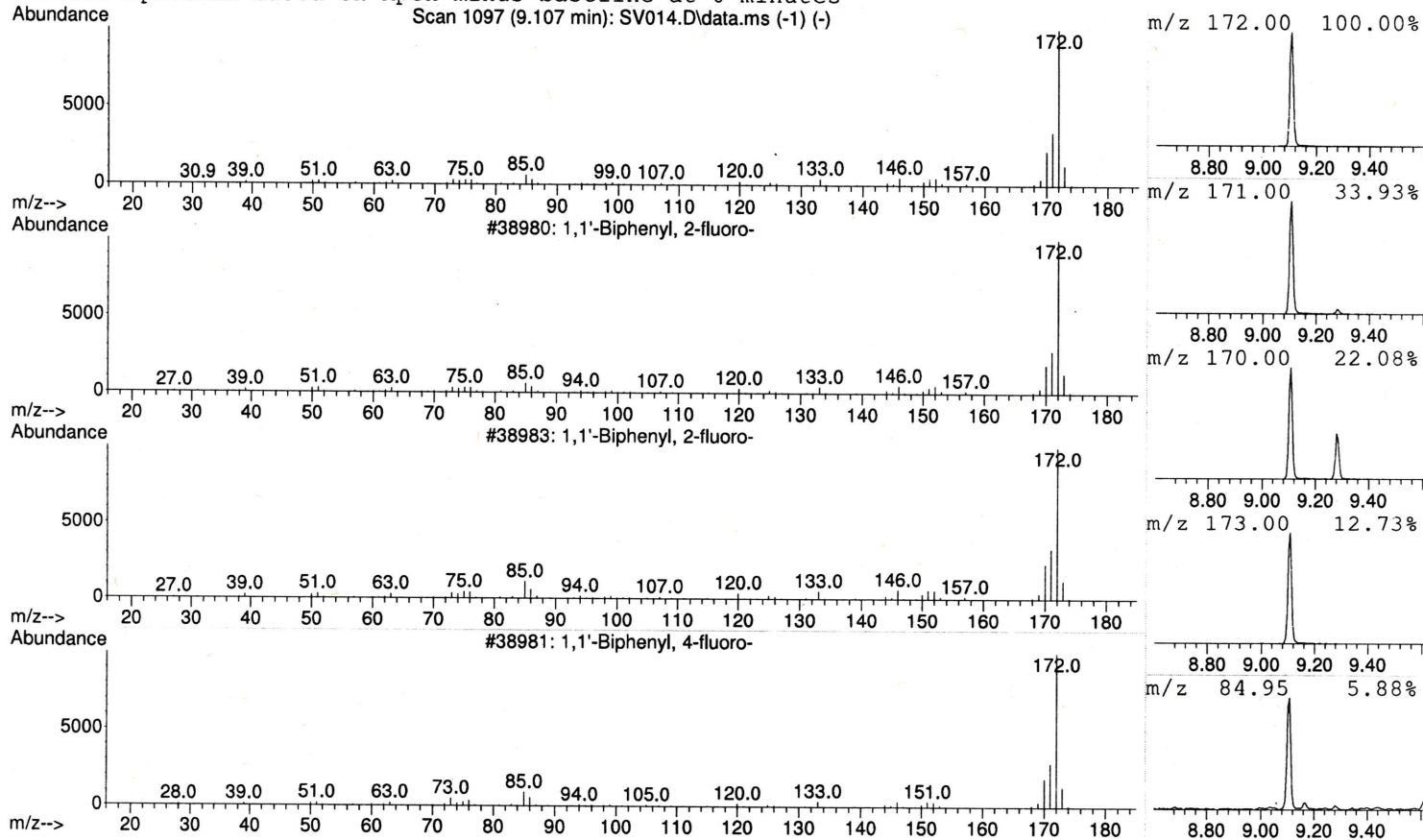
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	15476 001146-65-2	91
2	15475 001146-65-2	91
3	15843 000068-94-0	64

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1097 (9.107 min): SV014.D\data.ms (-) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 7 at 9.107 min Area: 8238545 Area % 2.48

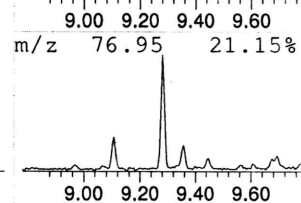
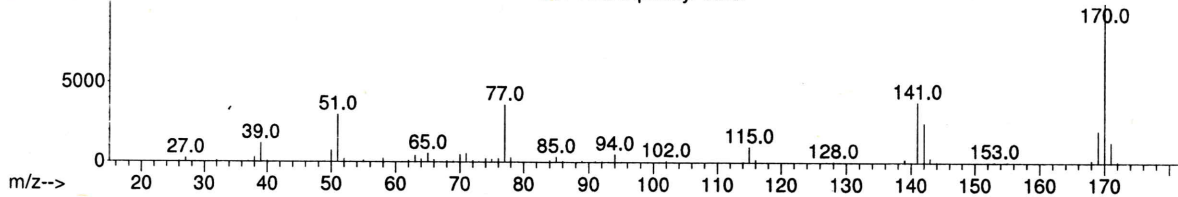
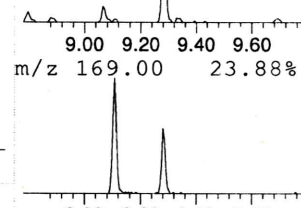
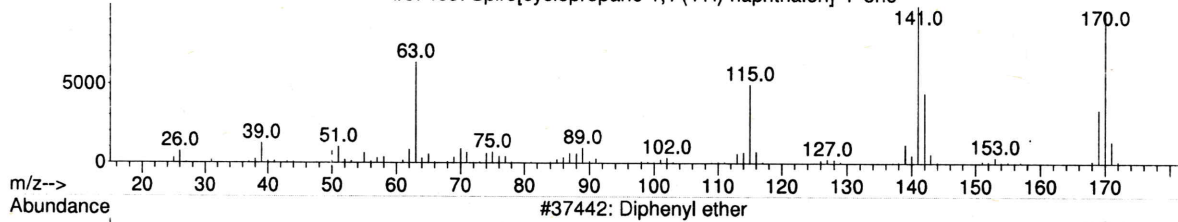
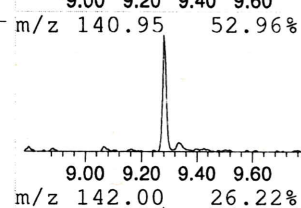
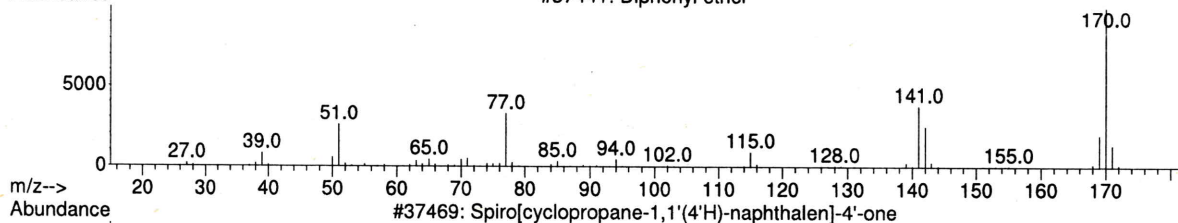
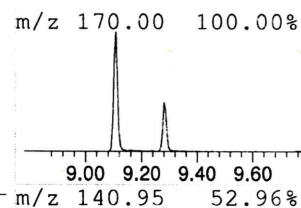
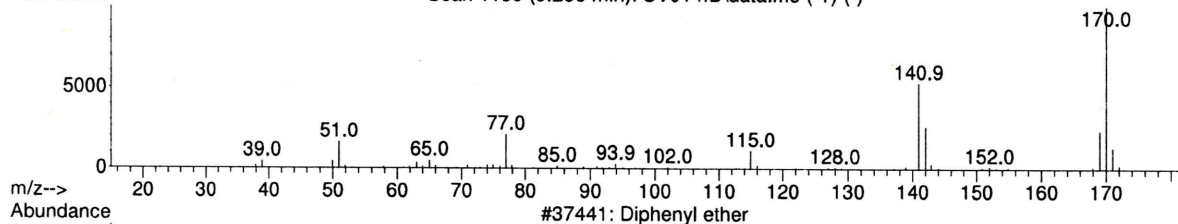
The 3 best hits from each library.

Ref\#	CAS\#	Qual

C:\Database\NIST08.L		
1	1,1'-Biphenyl, 2-fluoro-	38980 000321-60-8 95
2	1,1'-Biphenyl, 2-fluoro-	38983 000321-60-8 95
3	1,1'-Biphenyl, 4-fluoro-	38981 000324-74-3 93

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1130 (9.286 min): SV014.D\data.ms (-) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 8 at 9.286 min Area: 972349 Area % 0.29

The 3 best hits from each library.

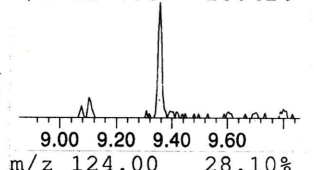
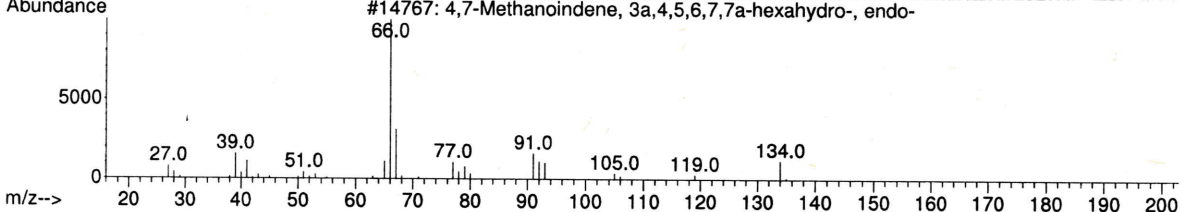
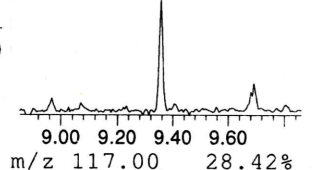
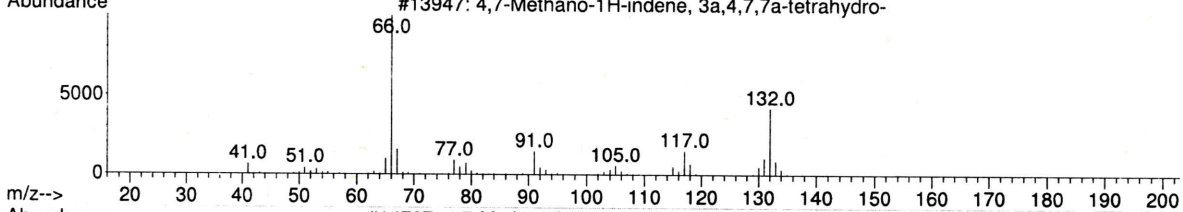
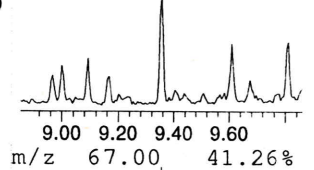
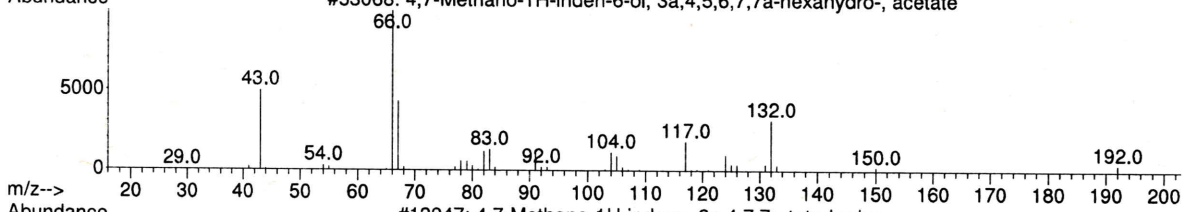
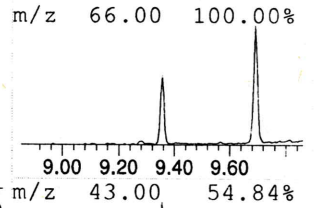
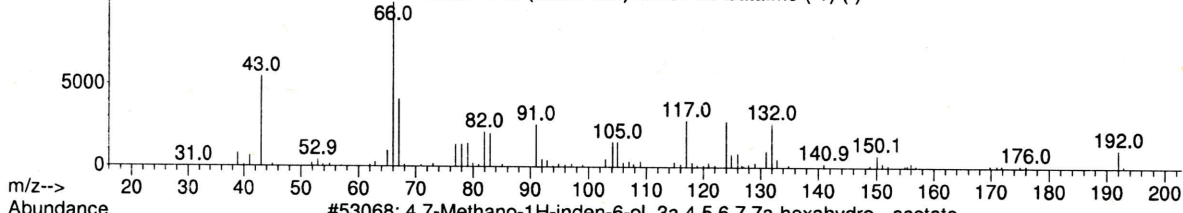
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	37441 000101-84-8	74
2	37469 033498-24-7	68
3	37442 000101-84-8	59

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1143 (9.356 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 9 at 9.356 min Area: 669232 Area % 0.20

The 3 best hits from each library.

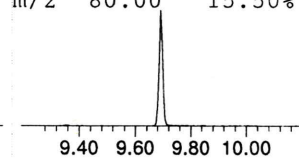
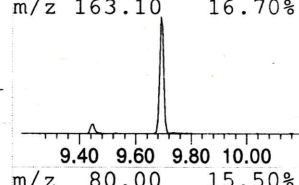
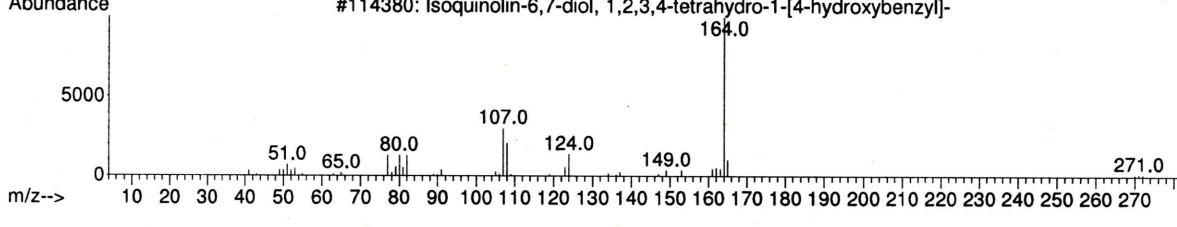
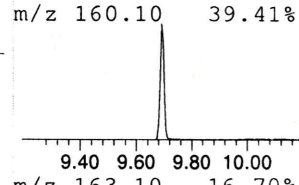
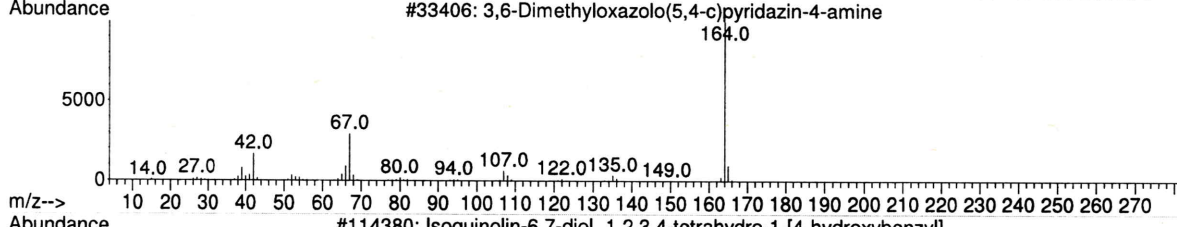
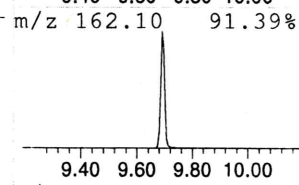
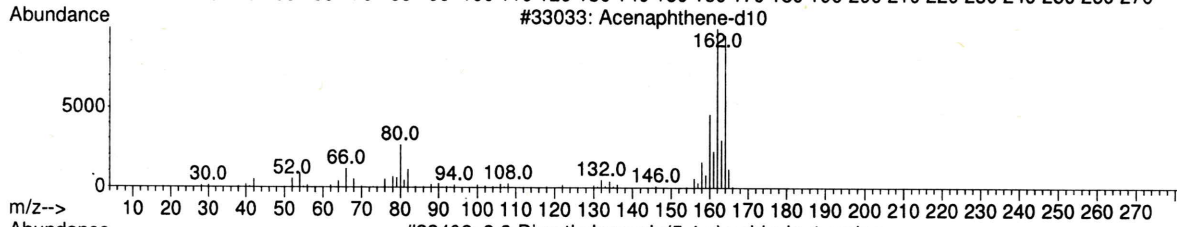
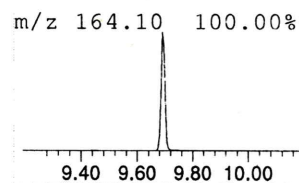
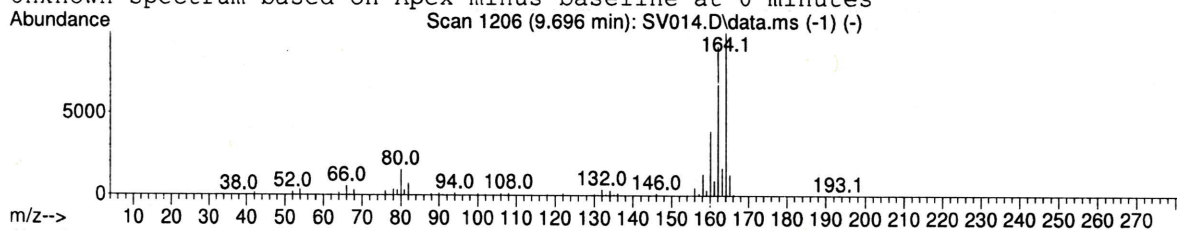
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	4,7-Methano-1H-inden-6-ol, 3a,4,...	53068 005413-60-5 72
2	4,7-Methano-1H-indene, 3a,4,7,7a...	13947 000077-73-6 64
3	4,7-Methanoindene, 3a,4,5,6,7,7a...	14767 002825-86-7 53

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D

Sample : 832504-1

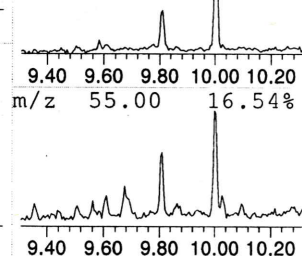
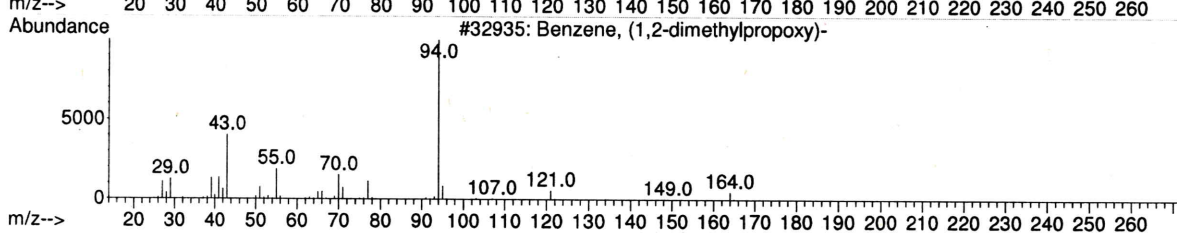
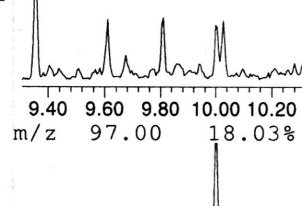
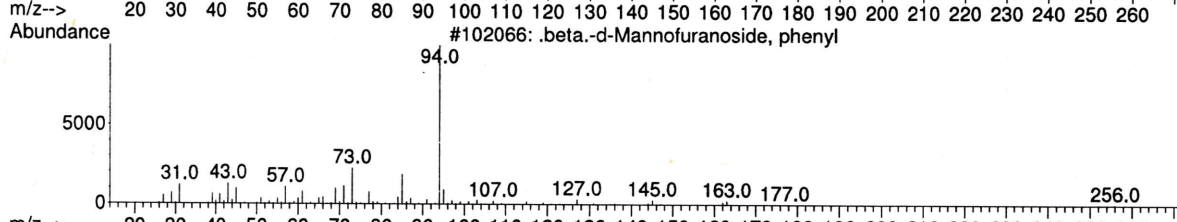
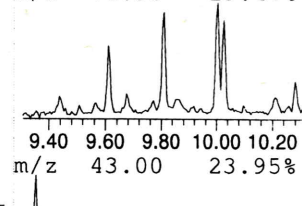
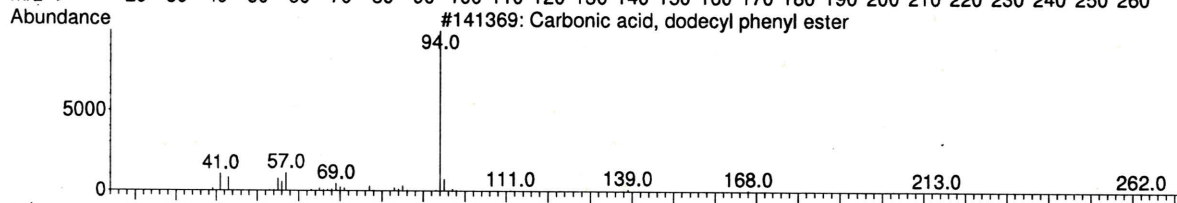
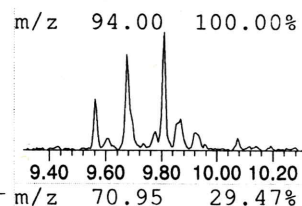
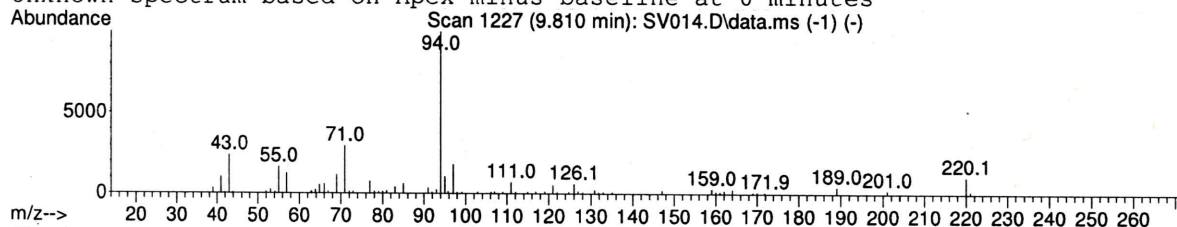
Peak Number: 10 at 9.696 min Area: 10760084 Area % 3.25

The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	33033	78
2	33406	22
3	114380	17

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 11 at 9.810 min Area: 466340 Area % 0.14

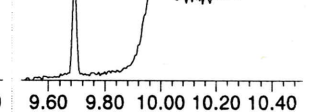
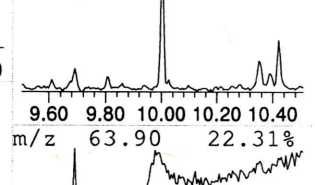
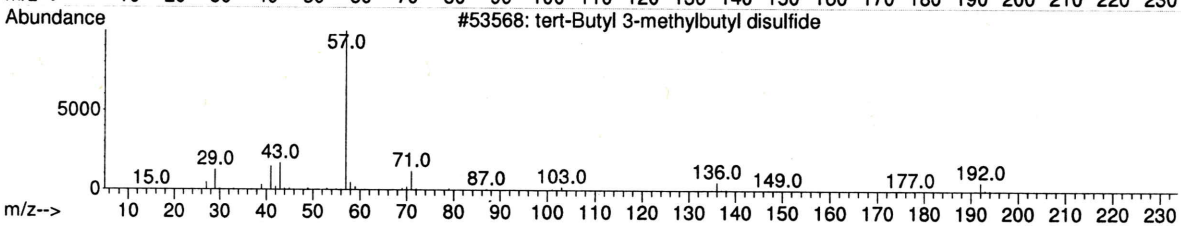
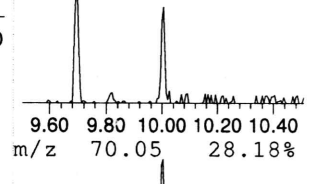
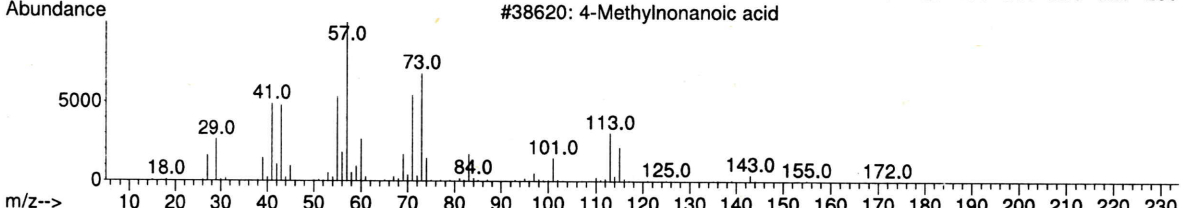
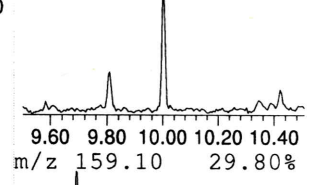
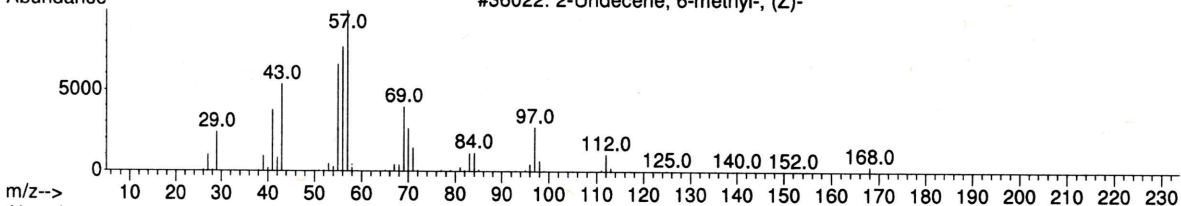
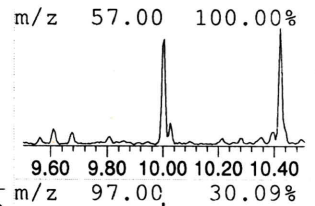
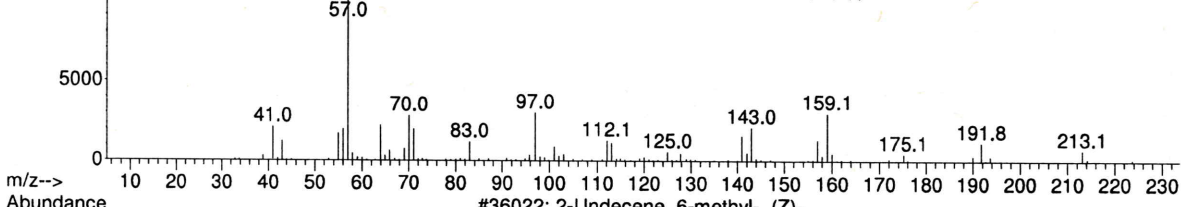
The 3 best hits from each library.

	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 Carbonic acid, dodecyl phenyl ester	141369	1000314-57-6	50
2 .beta.-d-Mannofuranoside, phenyl	102066	093524-17-5	50
3 Benzene, (1,2-dimethylpropoxy)-	32935	062338-26-5	50

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1263 (10.004 min): SV014.D\data.ms (-1) (-)



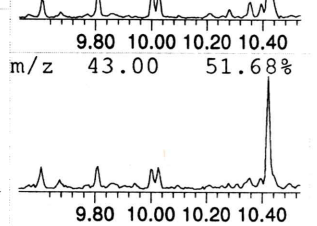
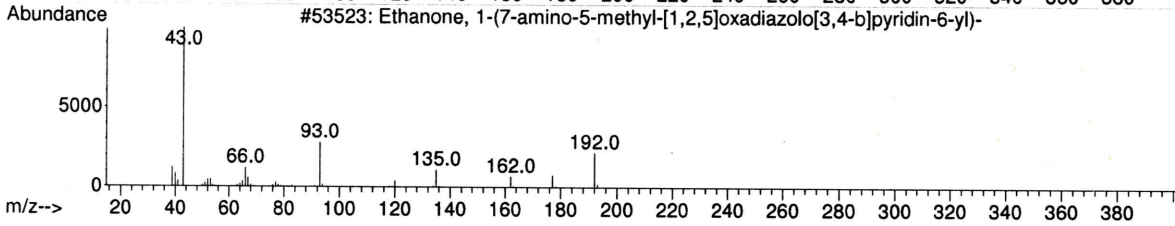
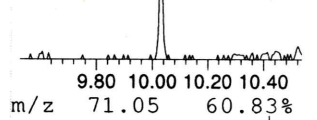
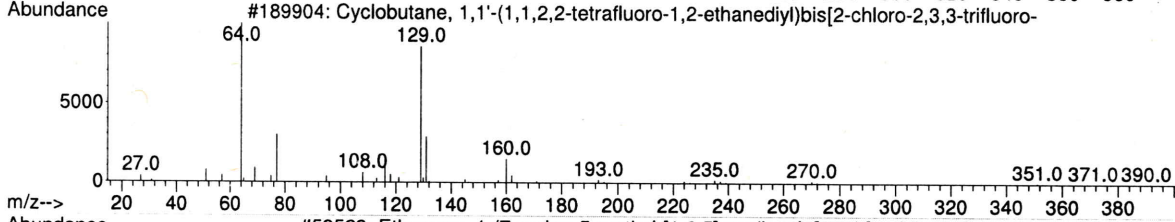
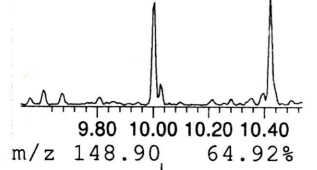
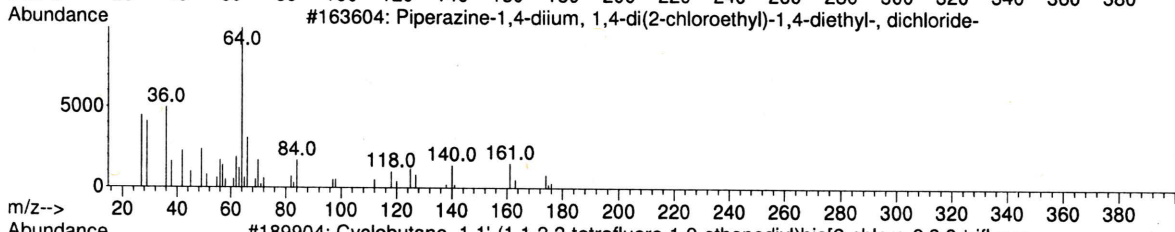
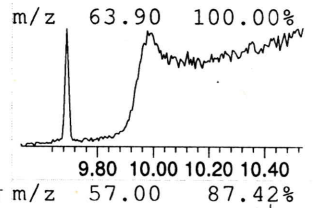
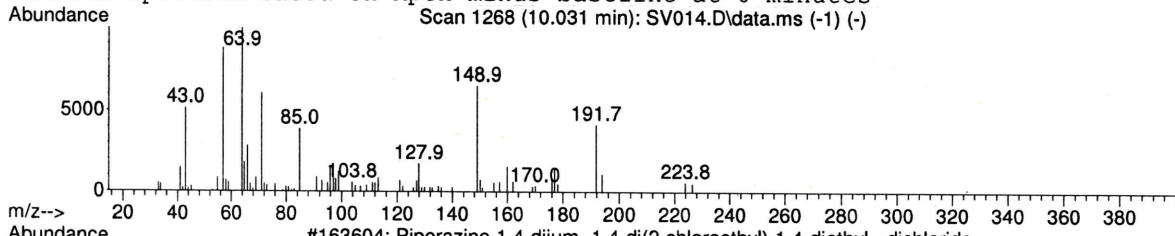
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 12 at 10.004 min Area: 1386408 Area % 0.42

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 2-Undecene, 6-methyl-, (Z)-	36022	074630-43-6	12
2 4-Methylnonanoic acid	38620	045019-28-1	11
3 tert-Butyl 3-methylbutyl disulfide	53568	075203-68-8	10

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1268 (10.031 min): SV014.D\data.ms (-1) (-)



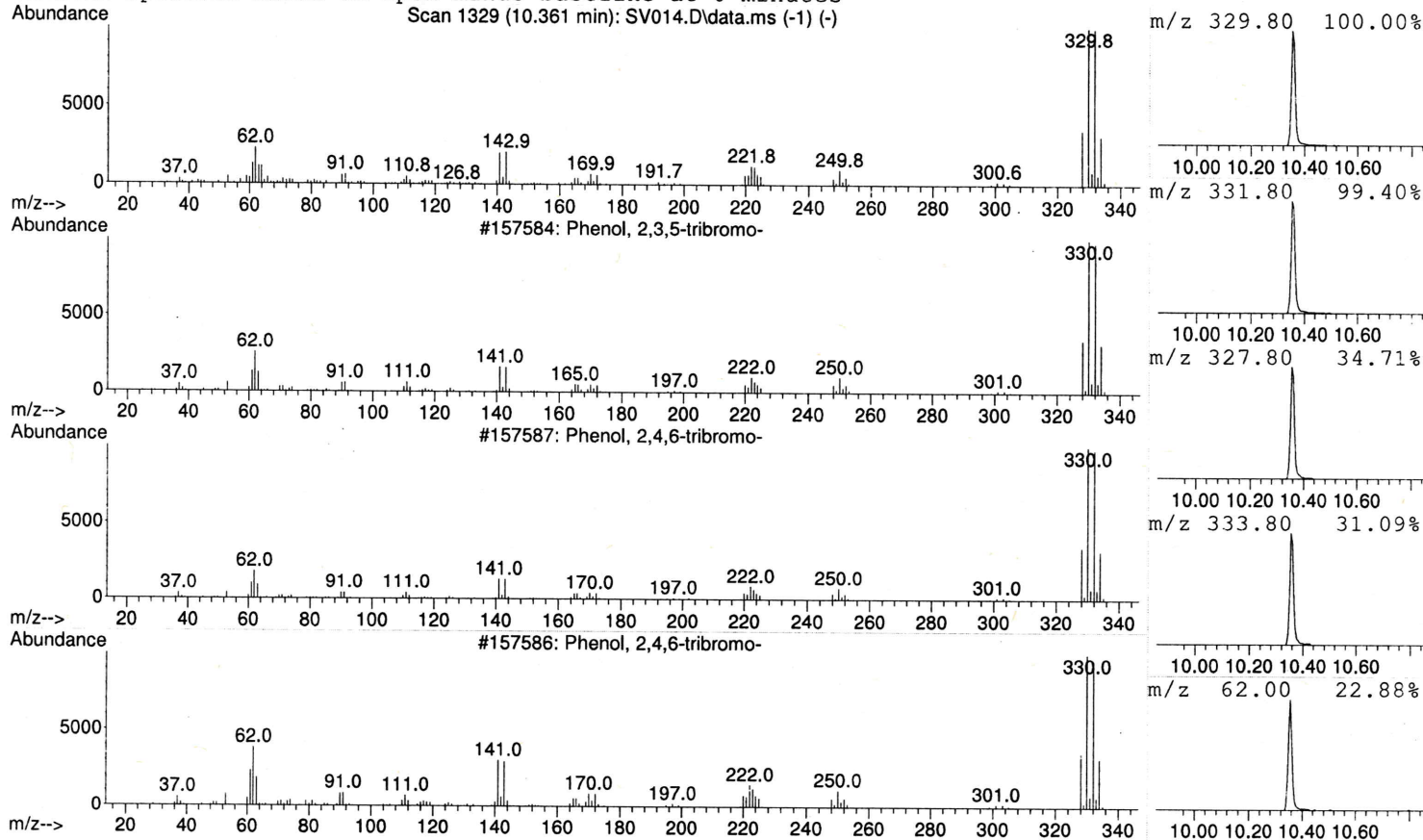
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 13 at 10.031 min Area: 276627 Area % 0.08

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Piperazine-1,4-dium, 1,4-di(2-c...	163604	1000273-25-4	40
2 Cyclobutane, 1,1'-(1,1,2,2-tetra...	189904	035208-02-7	37
3 Ethanone, 1-(7-amino-5-methyl-[1...	53523	1000315-98-3	9

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1329 (10.361 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 14 at 10.361 min Area: 3501760 Area % 1.06

The 3 best hits from each library.

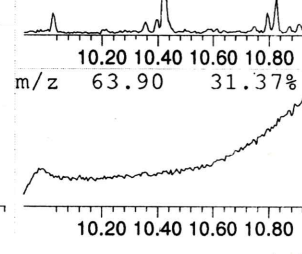
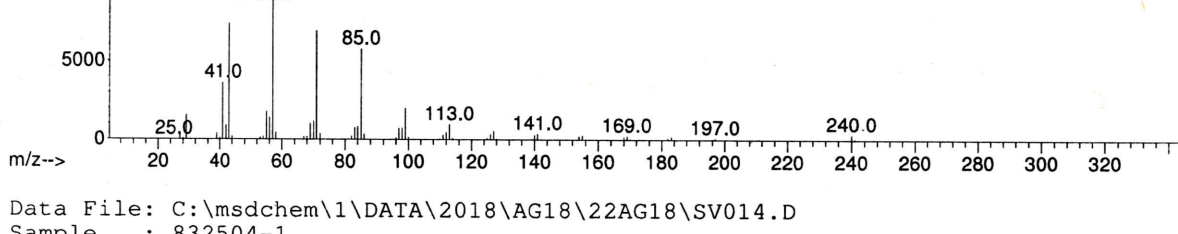
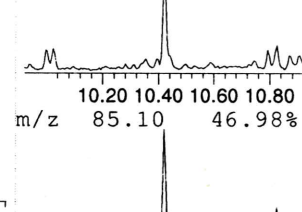
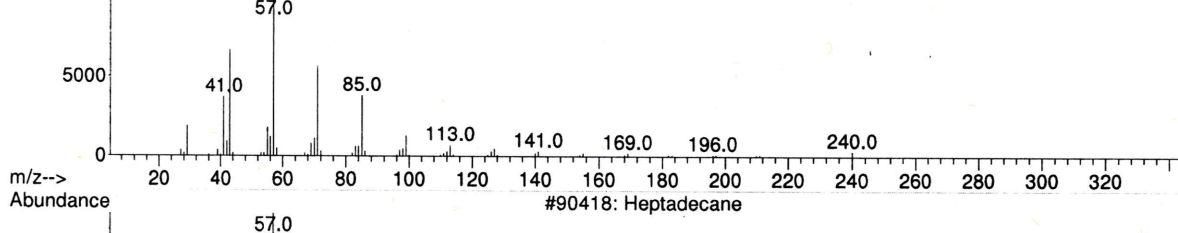
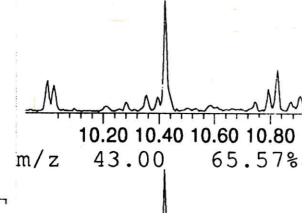
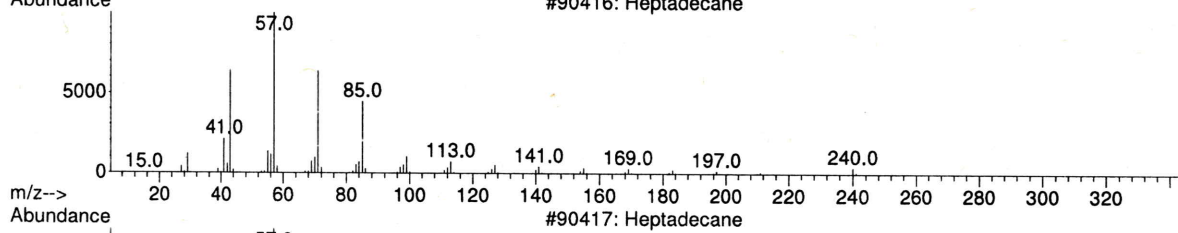
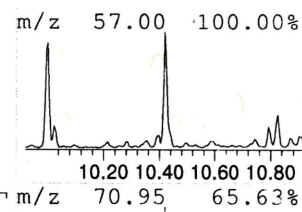
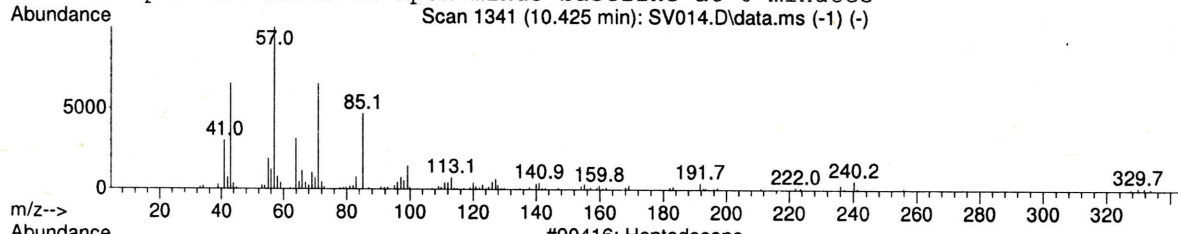
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	157584 057383-81-0	99
2	157587 000118-79-6	99
3	157586 000118-79-6	99

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1341 (10.425 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 15 at 10.425 min Area: 1386396 Area % 0.42

The 3 best hits from each library.

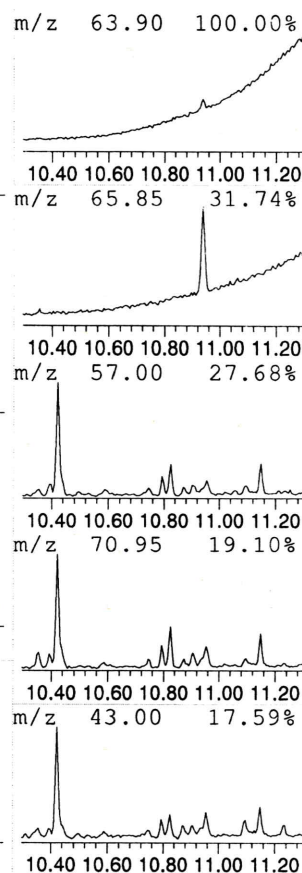
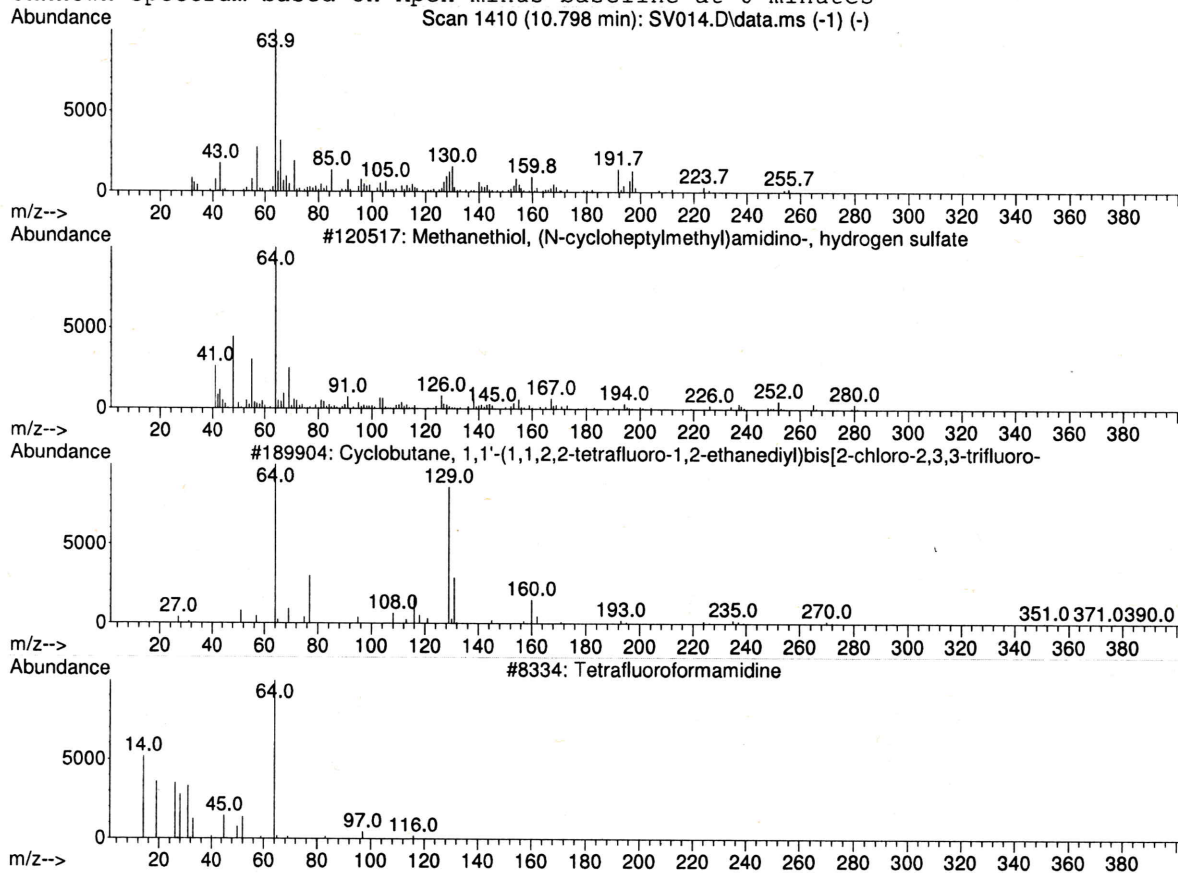
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	90416 000629-78-7	97
2	90417 000629-78-7	93
3	90418 000629-78-7	89

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1410 (10.798 min): SV014.D\data.ms (-1) (-)



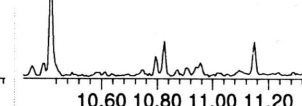
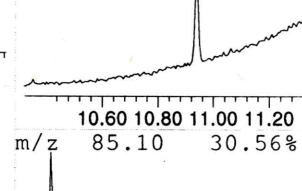
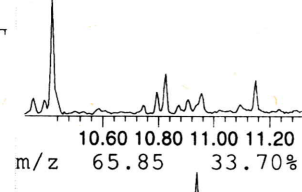
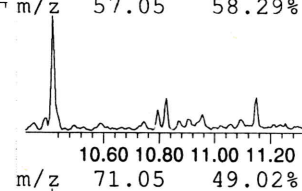
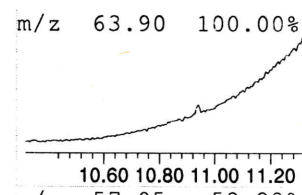
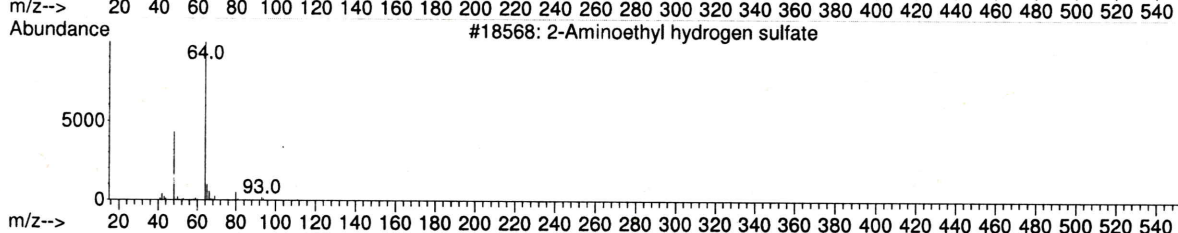
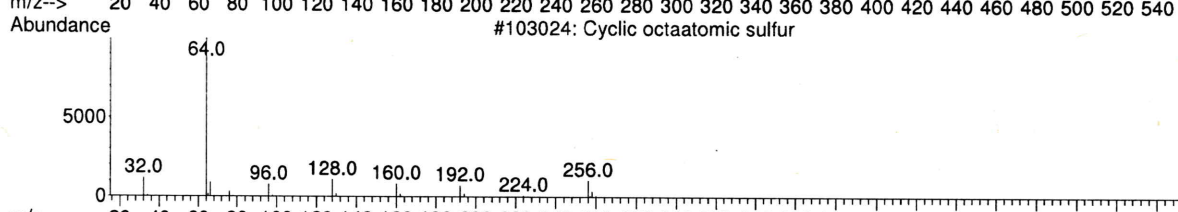
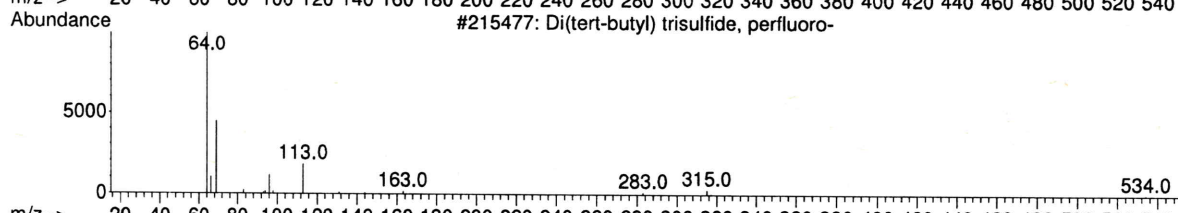
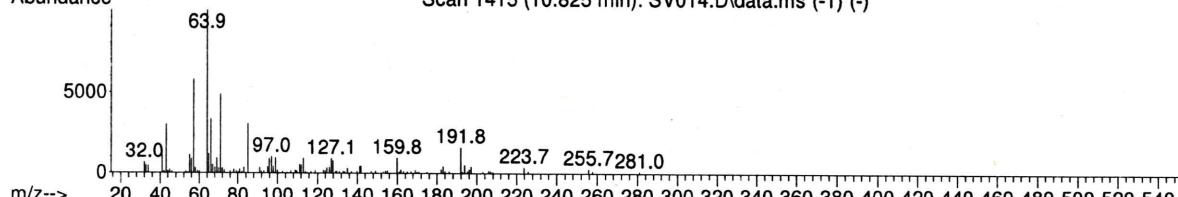
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 16 at 10.798 min Area: 719002 Area % 0.22

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Methanethiol, (N-cycloheptylmeth...	120517	040283-61-2	42
2 Cyclobutane, 1,1'-(1,1,2,2-tetra...	189904	035208-02-7	36
3 Tetrafluoroformamidine	8334	014362-70-0	9

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1415 (10.825 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 17 at 10.825 min Area: 855671 Area % 0.26

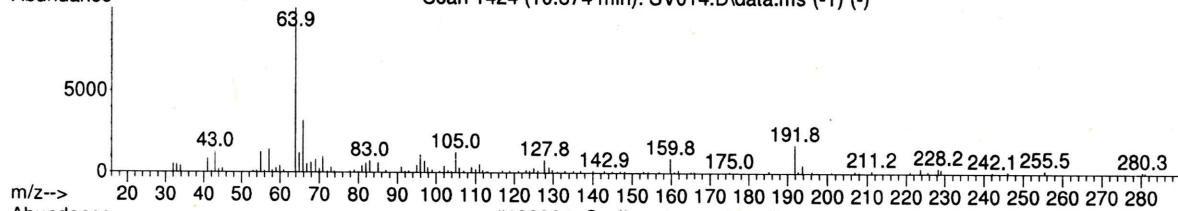
The 3 best hits from each library.

Ref\# CAS\# Qual

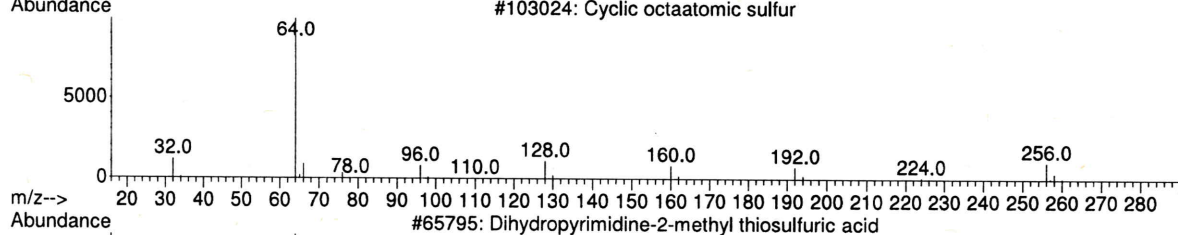
Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Di(tert-butyl) trisulfide, perfl...	215477	016005-64-4	33
2 Cyclic octaatomic sulfur	103024	010544-50-0	12
3 2-Aminoethyl hydrogen sulfate	18568	000926-39-6	9

Library Search Report - ChemStation Integrator

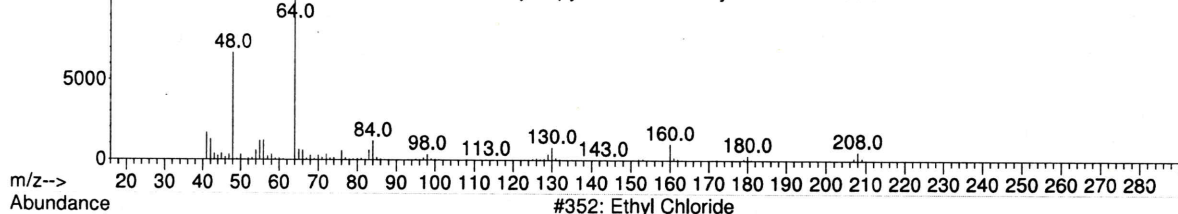
Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1424 (10.874 min): SV014.D\data.ms (-1) (-)



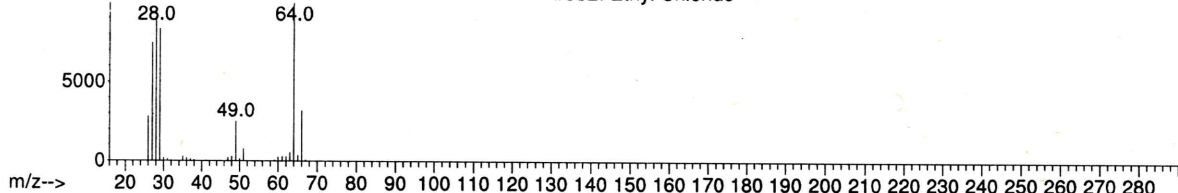
m/z 63.90 100.00%



m/z 65.85 32.22%



m/z 191.80 17.32%



m/z 57.05 14.19%

m/z 43.00 13.03%

10.60 10.80 11.00 11.20

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D

Sample : 832504-1

Peak Number: 18 at 10.874 min Area: 756348 Area % 0.23

The 3 best hits from each library.

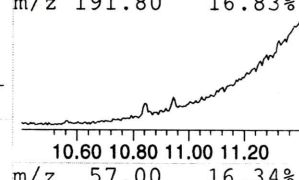
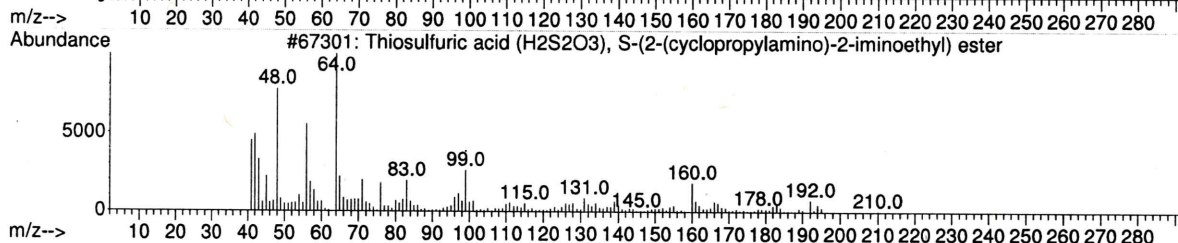
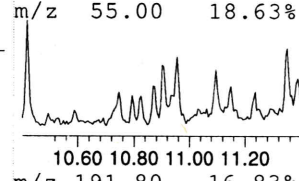
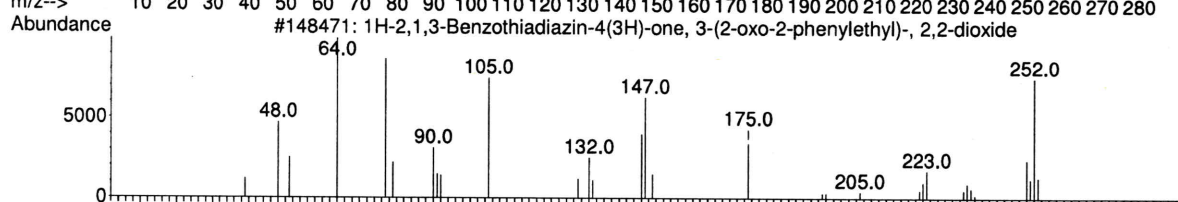
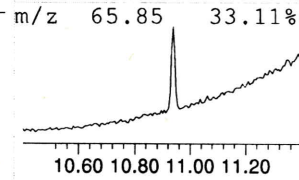
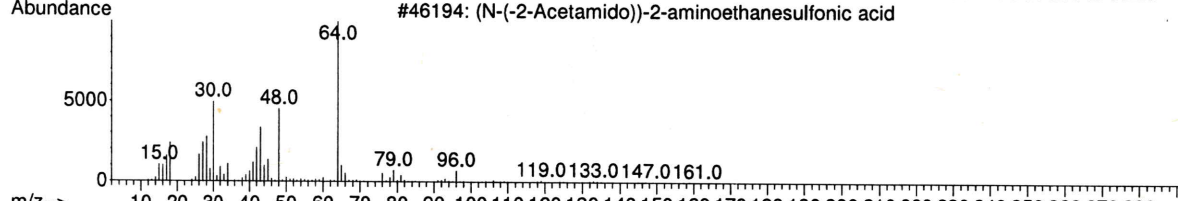
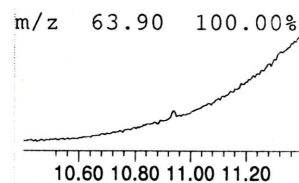
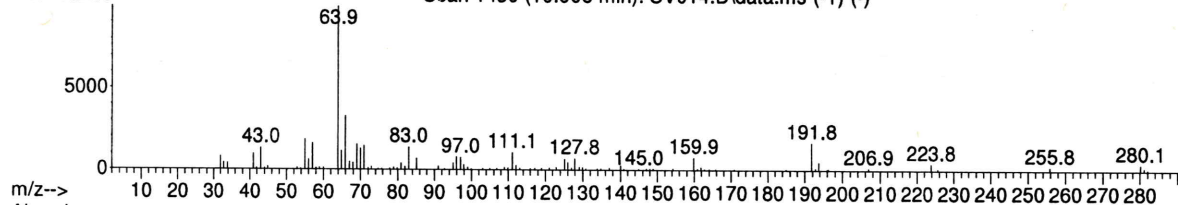
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	103024 010544-50-0	45
2	65795 1000256-28-8	38
3	352 000075-00-3	9

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1430 (10.906 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 19 at 10.906 min Area: 700350 Area % 0.21

The 3 best hits from each library.

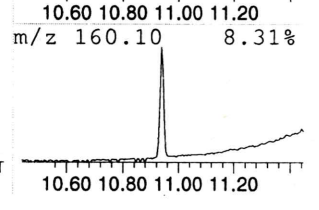
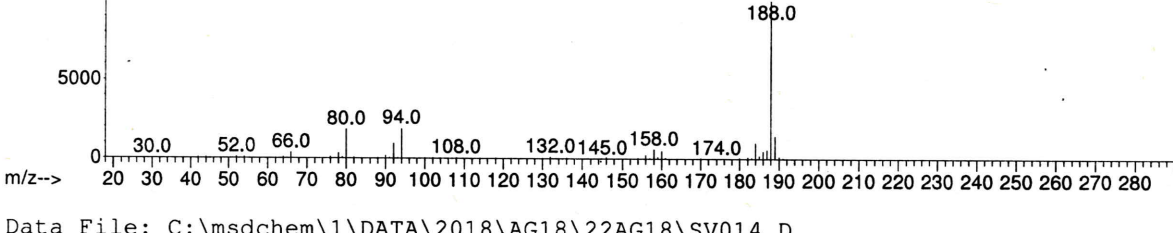
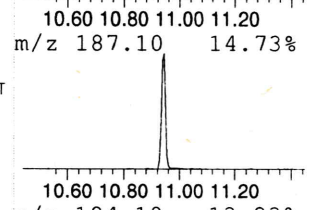
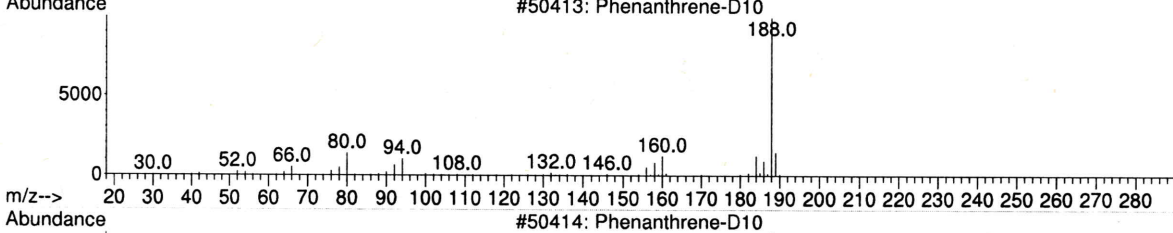
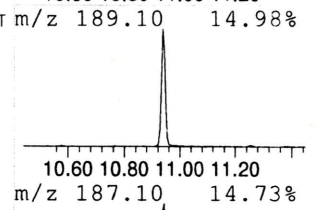
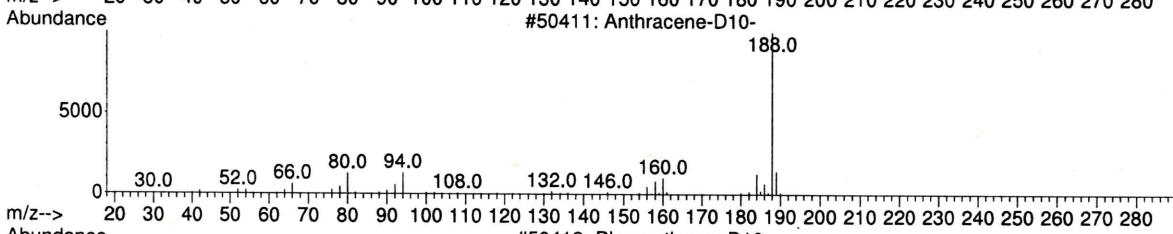
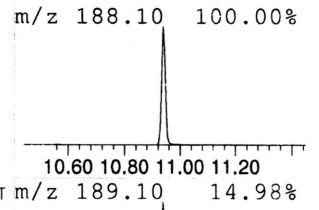
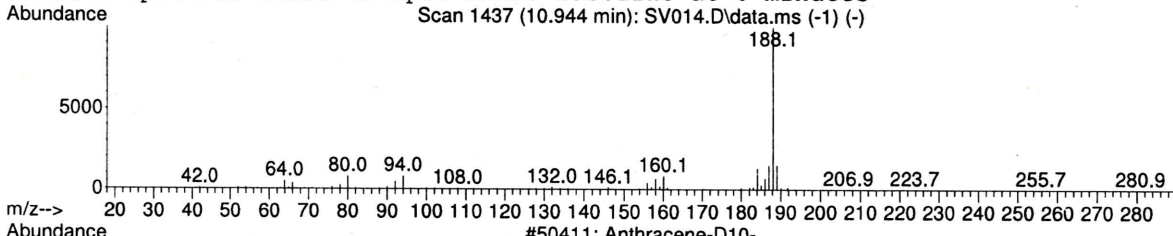
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	46194 007365-82-4	36
2	148471 040467-23-0	10
3	67301 040283-52-1	9

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



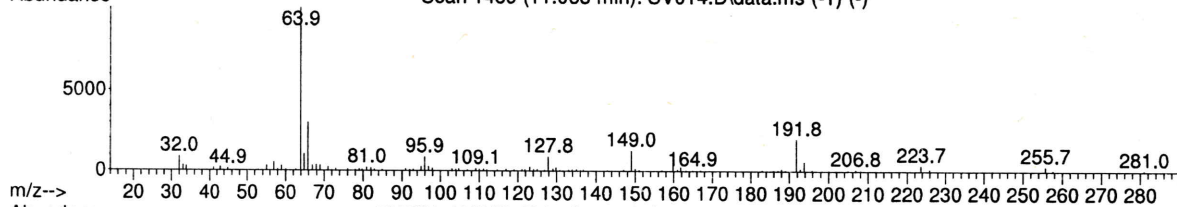
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 20 at 10.944 min Area: 12394627 Area % 3.74

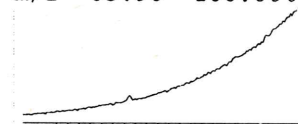
The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	50411	96
2	50413	94
3	50414	90

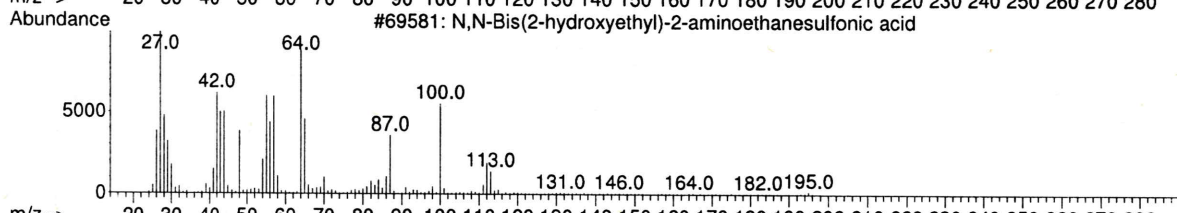
Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1459 (11.063 min): SV014.D\data.ms (-)



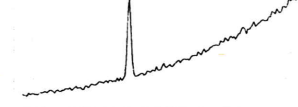
m/z 63.90 100.00%



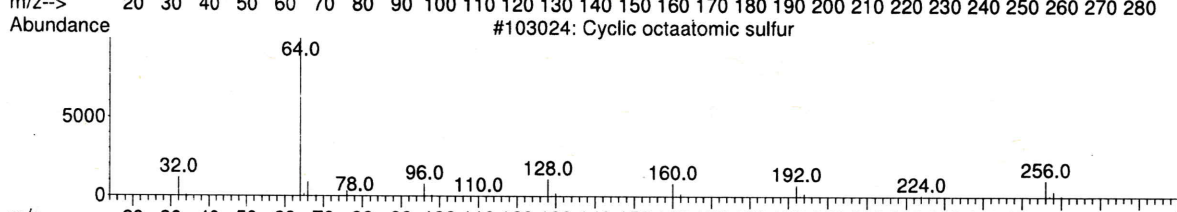
m/z 65.85 30.31%



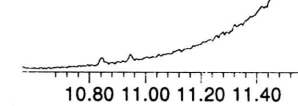
#69581: N,N-Bis(2-hydroxyethyl)-2-aminoethanesulfonic acid



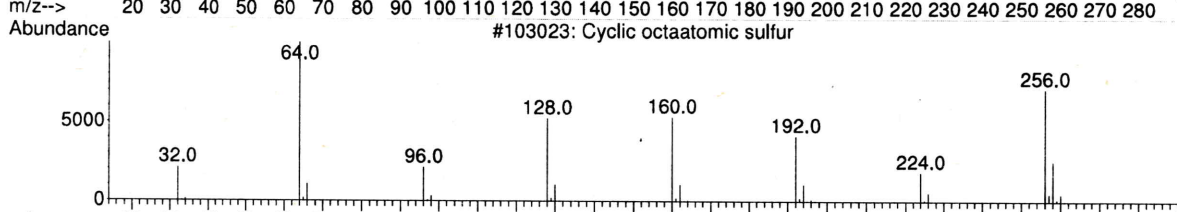
m/z 191.80 19.80%



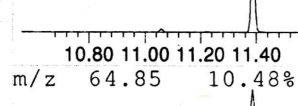
#103024: Cyclic octaatomic sulfur



m/z 149.00 12.74%



#103023: Cyclic octaatomic sulfur



m/z 64.85 10.48%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 21 at 11.063 min Area: 2376092 Area % 0.72

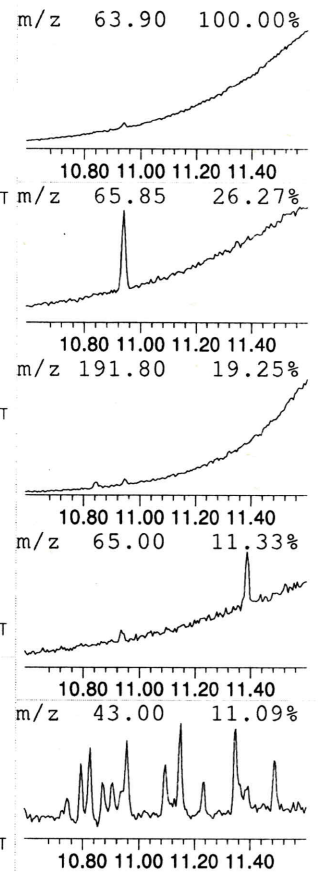
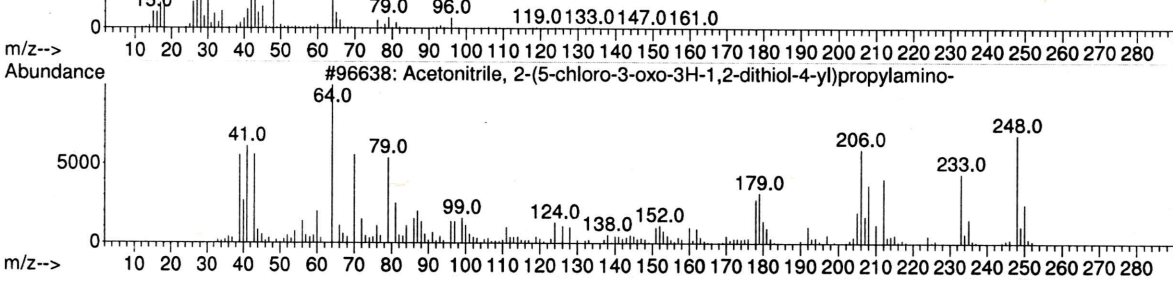
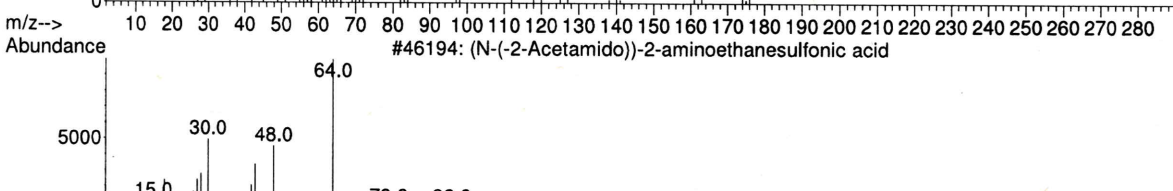
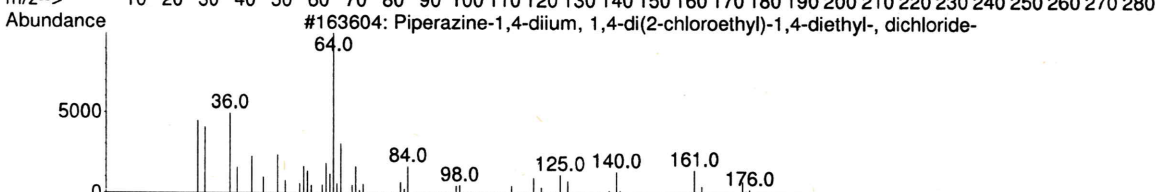
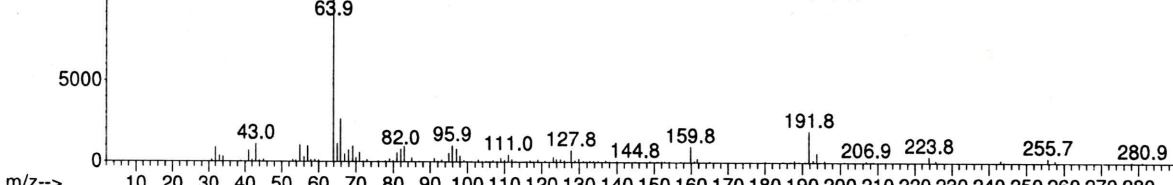
The 3 best hits from each library.

	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 N,N-Bis(2-hydroxyethyl)-2-aminoe...	69581	010191-18-1	36
2 Cyclic octaatomic sulfur	103024	010544-50-0	16
3 Cyclic octaatomic sulfur	103023	010544-50-0	12

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1465 (11.095 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

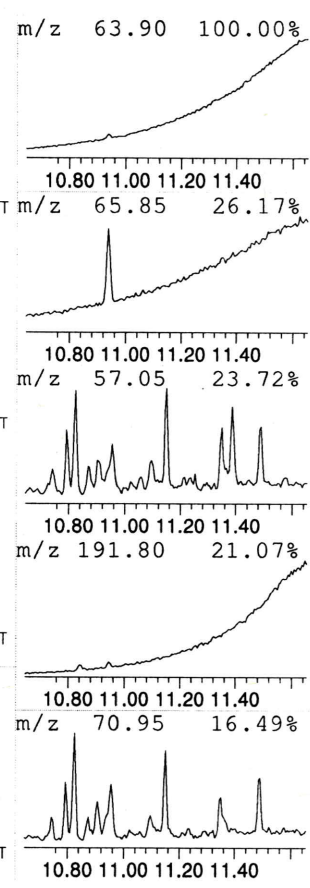
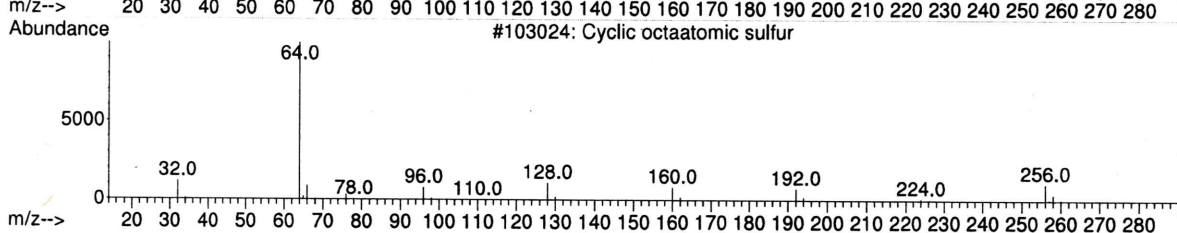
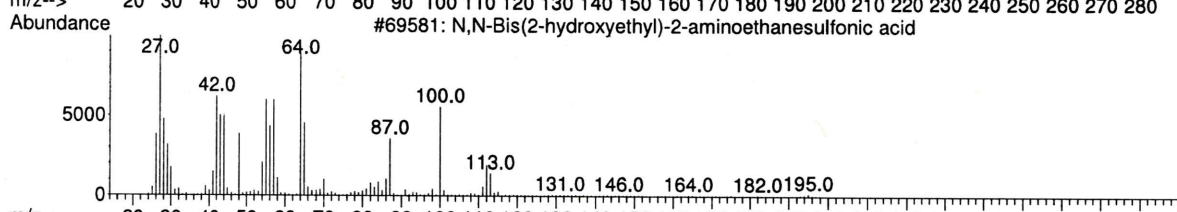
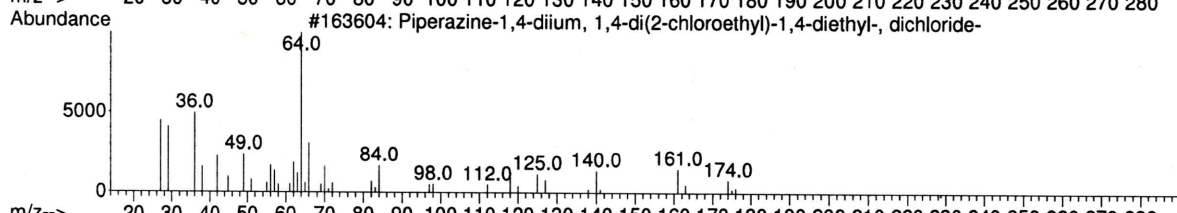
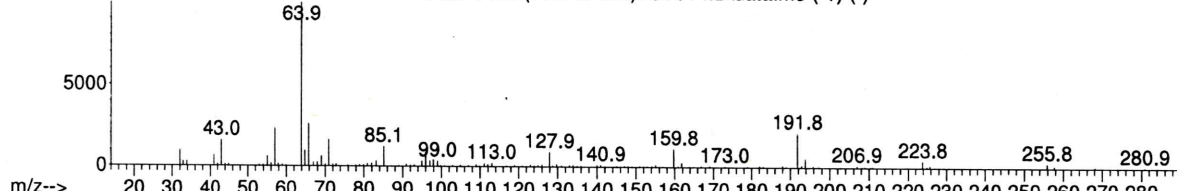
Peak Number: 22 at 11.095 min Area: 2112232 Area % 0.64

The 3 best hits from each library.

Ref\#	CAS\#	Qual
C:\Database\NIST08.L		
1	Piperazine-1,4-dium, 1,4-di(2-c...	163604 1000273-25-4 40
2	(N-(2-Acetamido))-2-aminoethane...	46194 007365-82-4 36
3	Acetonitrile, 2-(5-chloro-3-oxo-...	96638 1000269-94-4 36

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1475 (11.149 min): SV014.D\data.ms (-1) (-)



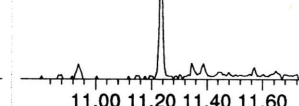
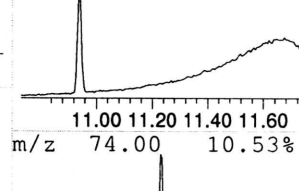
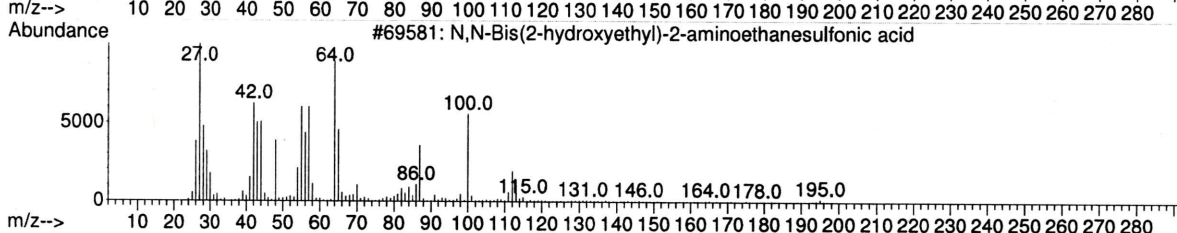
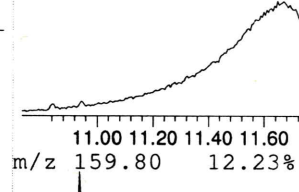
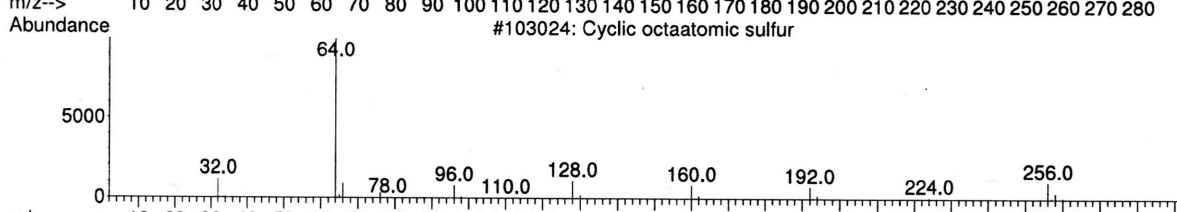
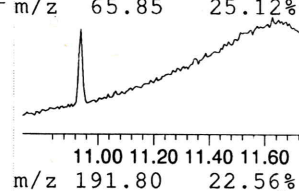
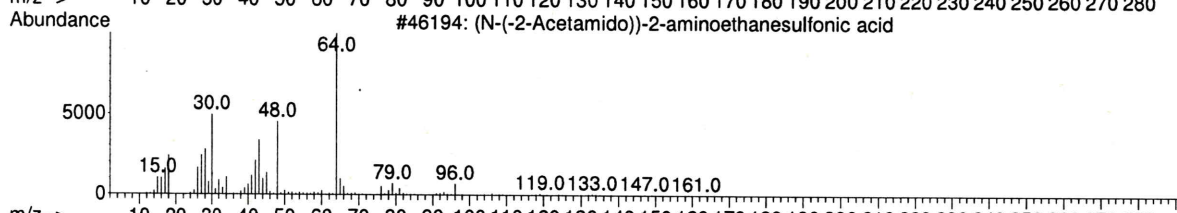
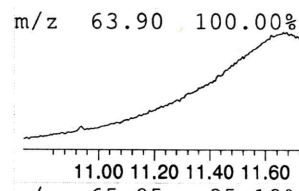
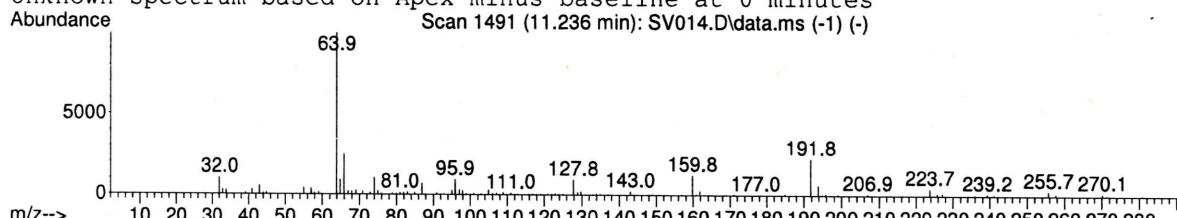
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 23 at 11.149 min Area: 3056276 Area % 0.92

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Piperazine-1,4-dium, 1,4-di(2-c...	163604	1000273-25-4	40
2 N,N-Bis(2-hydroxyethyl)-2-aminoe...	69581	010191-18-1	36
3 Cyclic octaatomic sulfur	103024	010544-50-0	16

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D

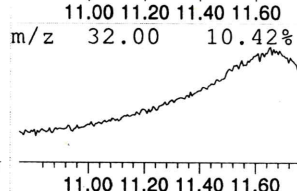
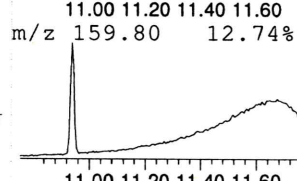
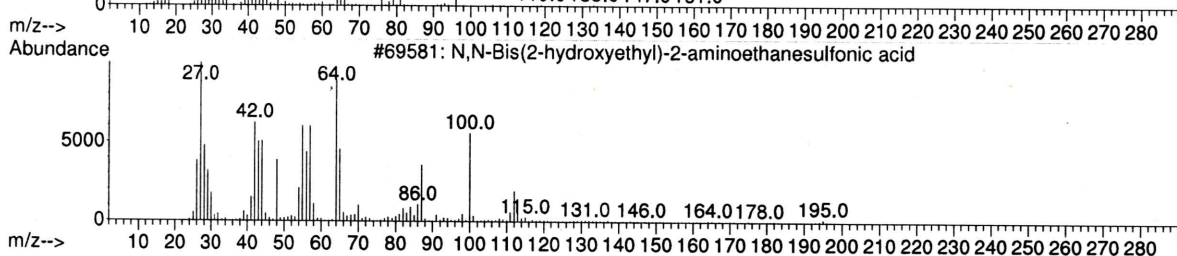
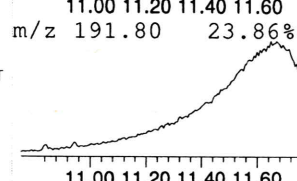
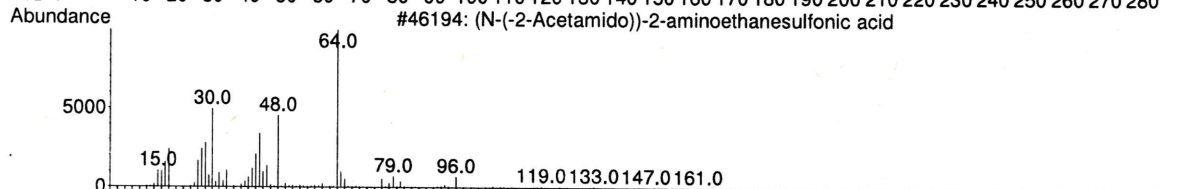
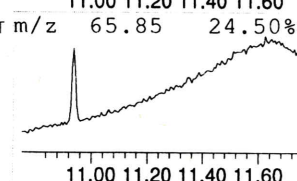
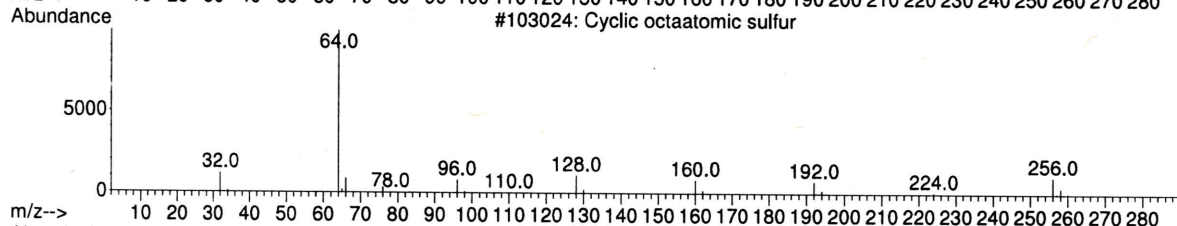
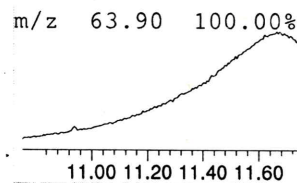
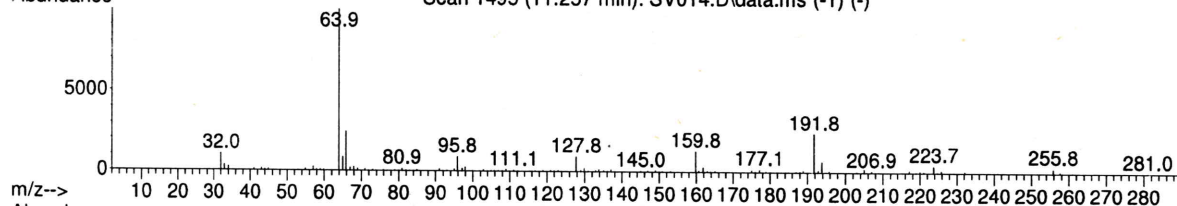
Sample : 832504-1

Peak Number: 24 at 11.236 min Area: 3013603 Area % 0.91

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1	(N-(2-Acetamido))-2-aminoethane...	46194 007365-82-4	36
2	Cyclic octaatomic sulfur	103024 010544-50-0	16
3	N,N-Bis(2-hydroxyethyl)-2-aminoe...	69581 010191-18-1	9

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1495 (11.257 min): SV014.D\data.ms (-1) (-)



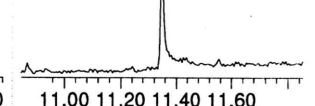
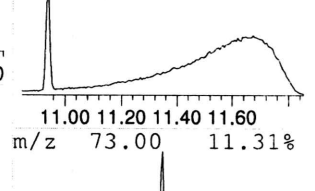
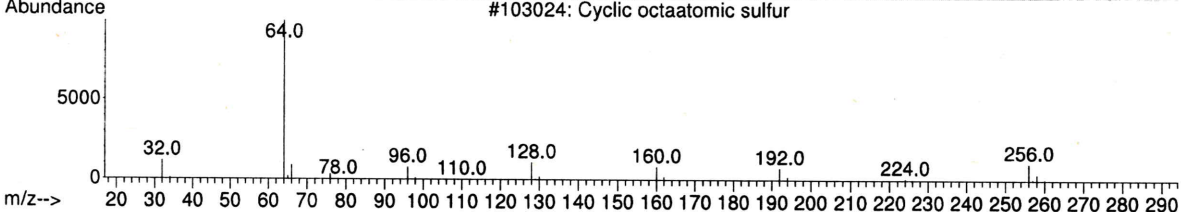
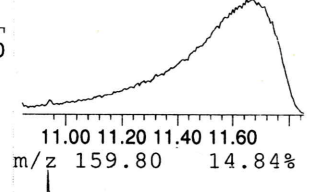
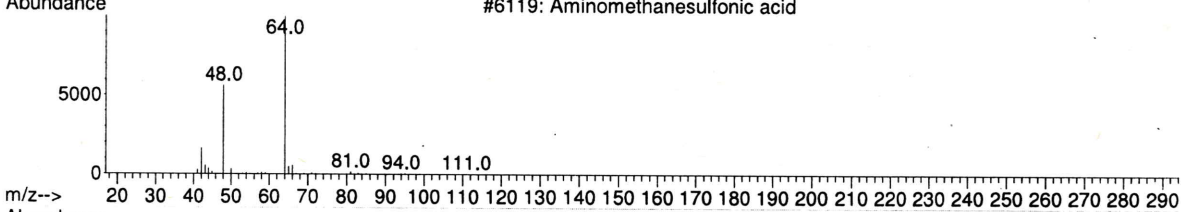
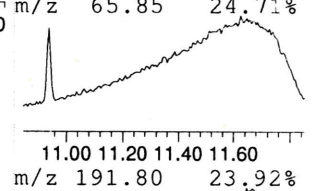
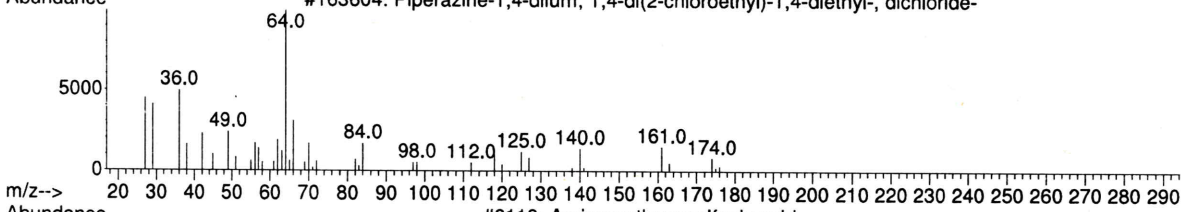
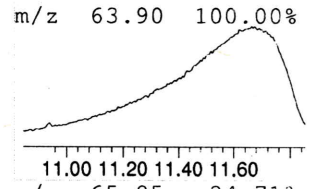
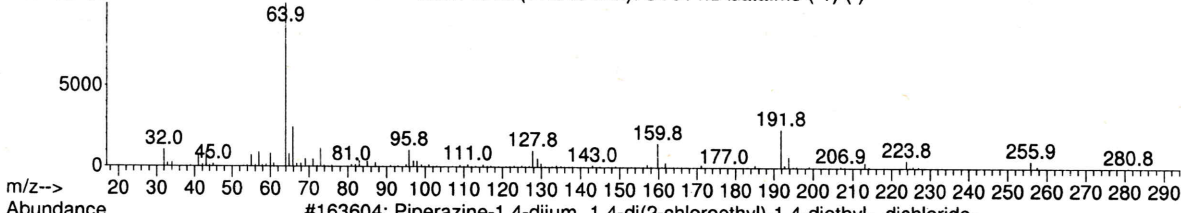
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 25 at 11.257 min Area: 1298183 Area % 0.39

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Cyclic octaatomic sulfur	103024	010544-50-0	45
2 (N-(2-Acetamido))-2-aminoethane...	46194	007365-82-4	36
3 N,N-Bis(2-hydroxyethyl)-2-aminoe...	69581	010191-18-1	9

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1512 (11.349 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 26 at 11.349 min Area: 7179246 Area % 2.17

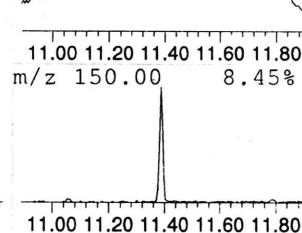
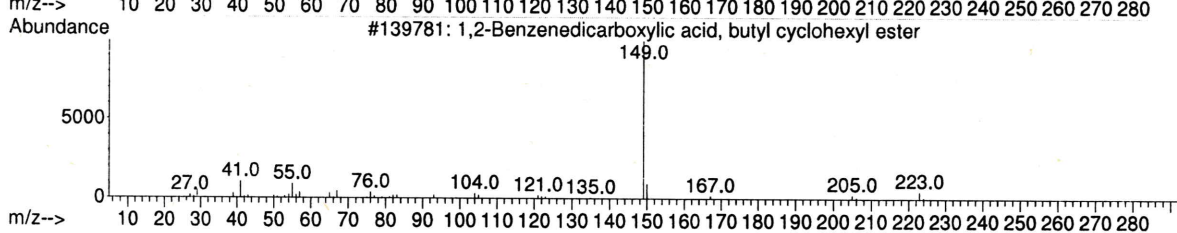
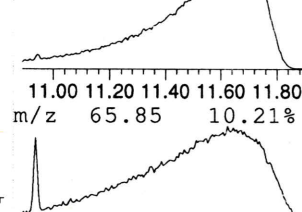
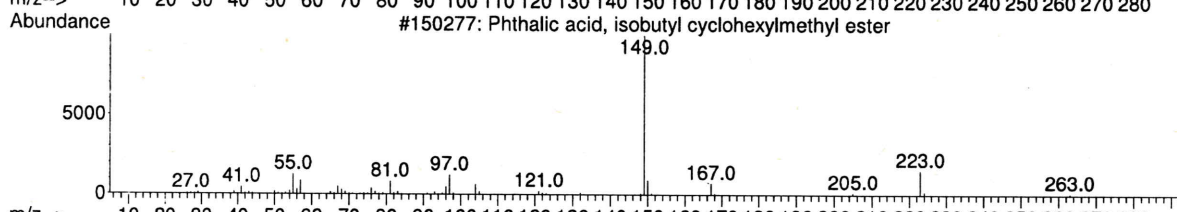
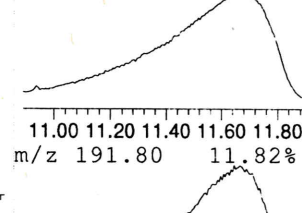
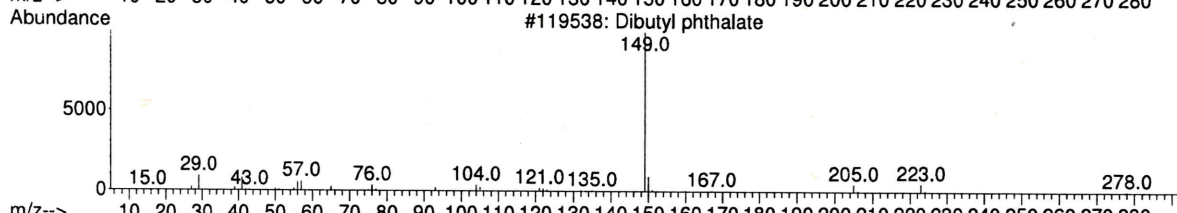
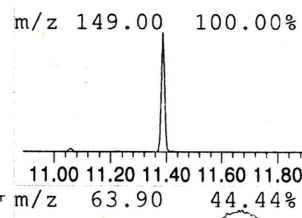
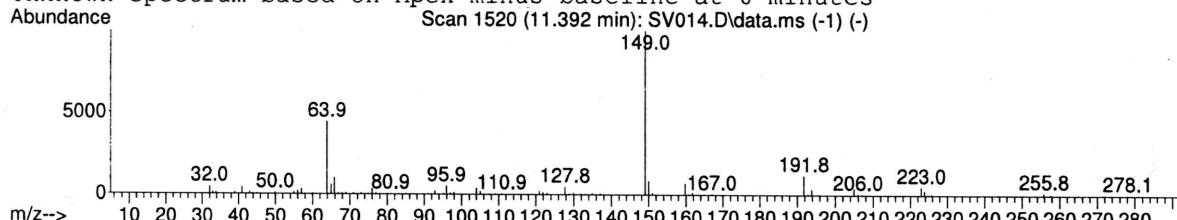
The 3 best hits from each library.

	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 Piperazine-1,4-dium, 1,4-di(2-c...	163604	1000273-25-4	40
2 Aminomethanesulfonic acid	6119	013881-91-9	36
3 Cyclic octaatomic sulfur	103024	010544-50-0	16

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



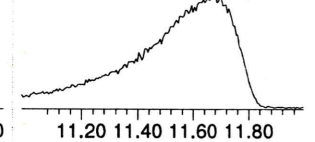
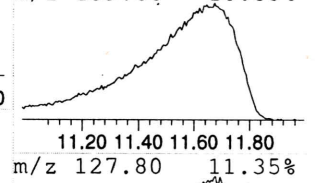
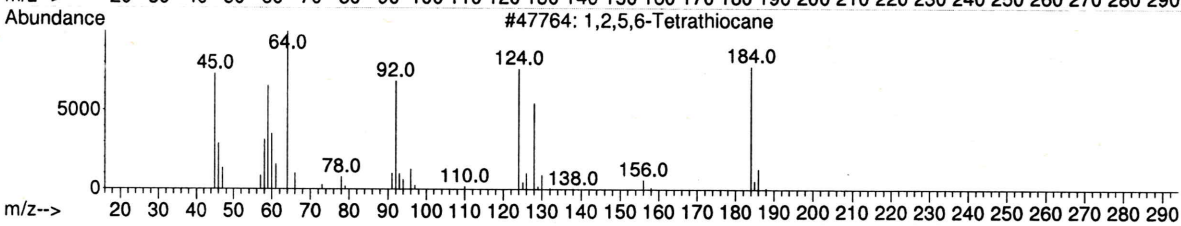
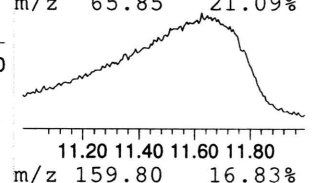
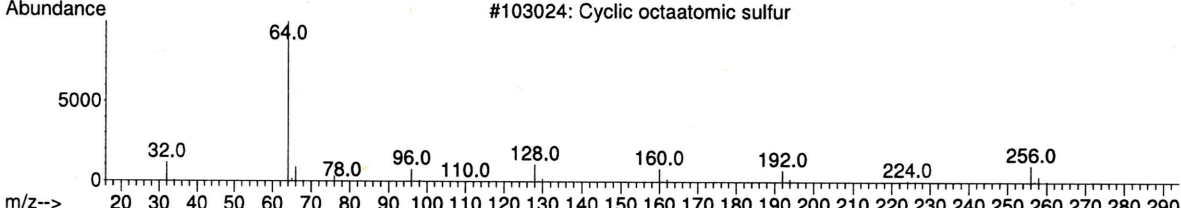
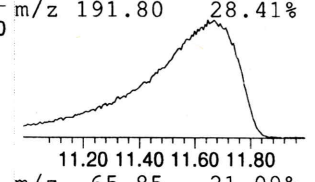
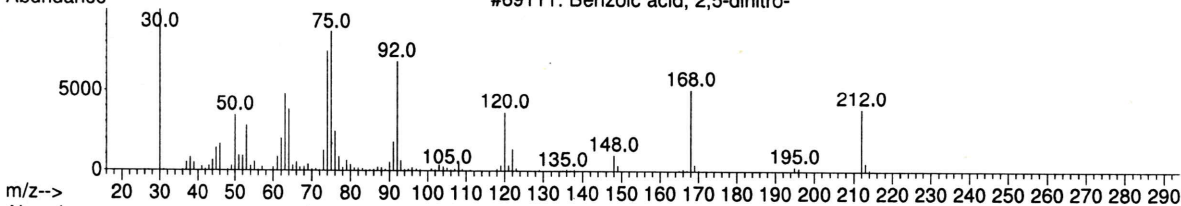
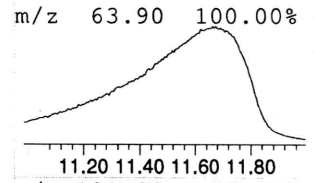
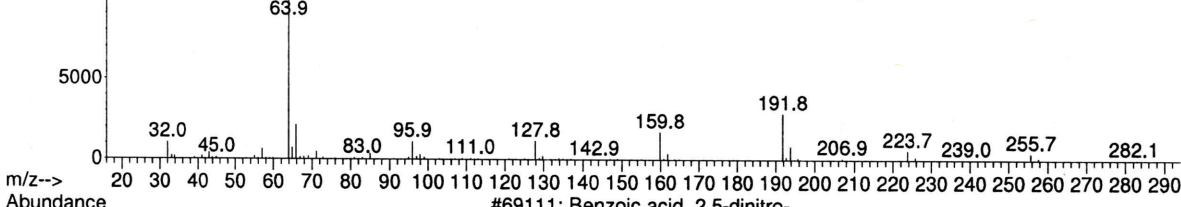
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 27 at 11.392 min Area: 6413248 Area % 1.93

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Dibutyl phthalate	119538	000084-74-2	35
2 Phthalic acid, isobutyl cyclohex...	150277	1000308-94-3	14
3 1,2-Benzenedicarboxylic acid, bu...	139781	000084-64-0	14

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1538 (11.490 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

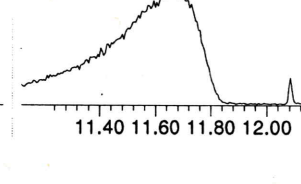
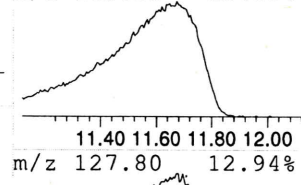
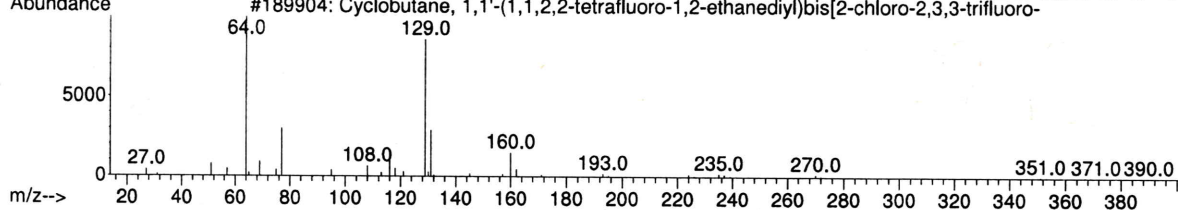
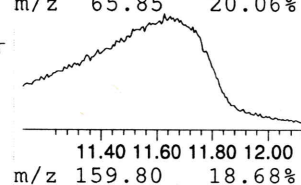
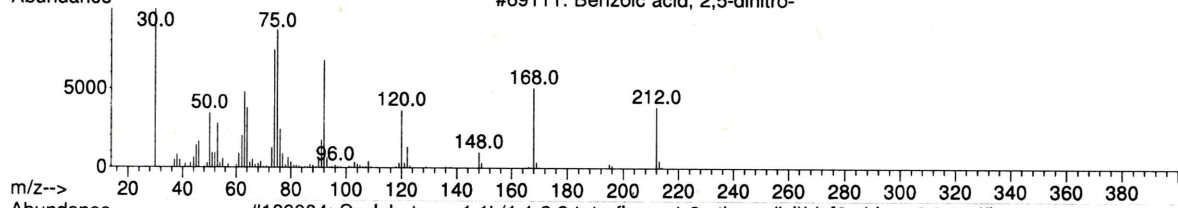
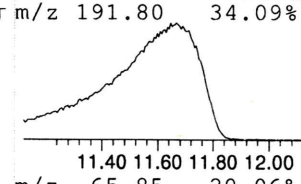
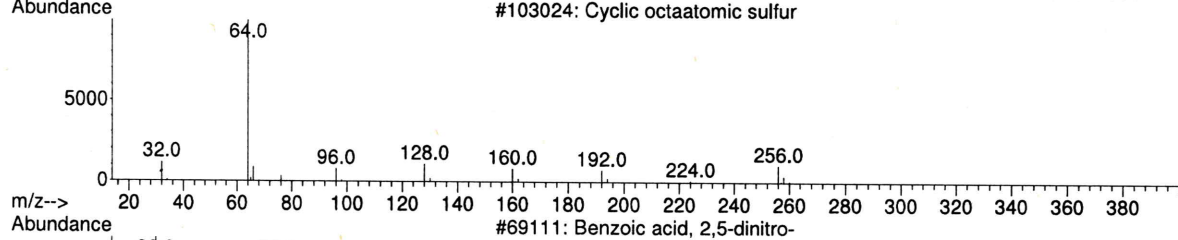
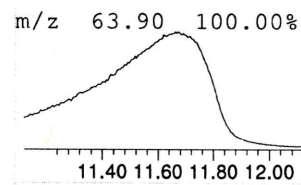
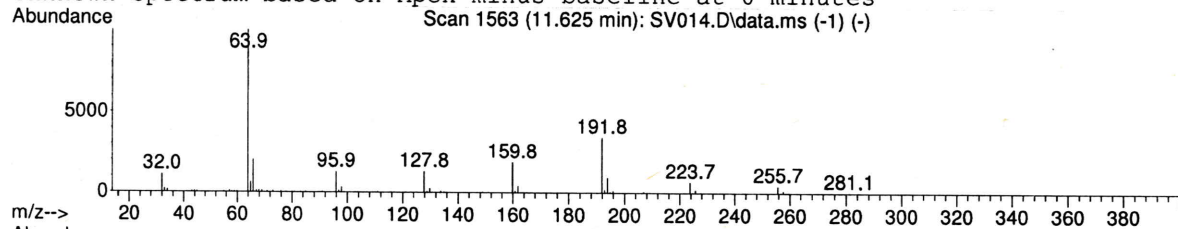
Peak Number: 28 at 11.490 min Area: 9915426 Area % 2.99

The 3 best hits from each library.			
Ref\#	CAS\#	Qual	

C:\Database\NIST08.L			
1	Benzoic acid, 2,5-dinitro-	69111 000610-28-6	50
2	Cyclic octaatomic sulfur	103024 010544-50-0	16
3	1,2,5,6-Tetrathiocane	47764 001940-01-8	9

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1563 (11.625 min): SV014.D\data.ms (-1) (-)



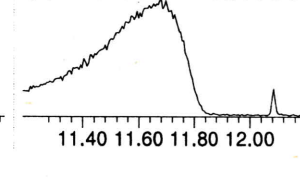
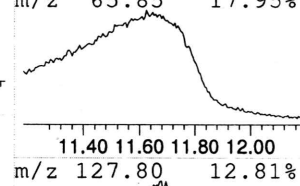
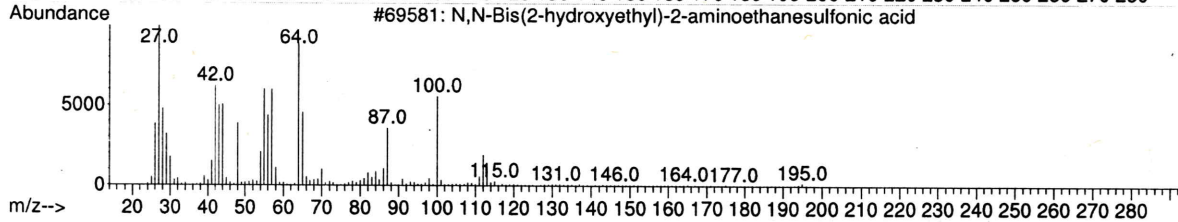
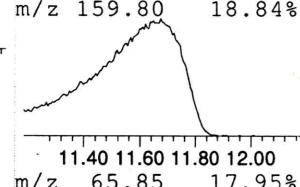
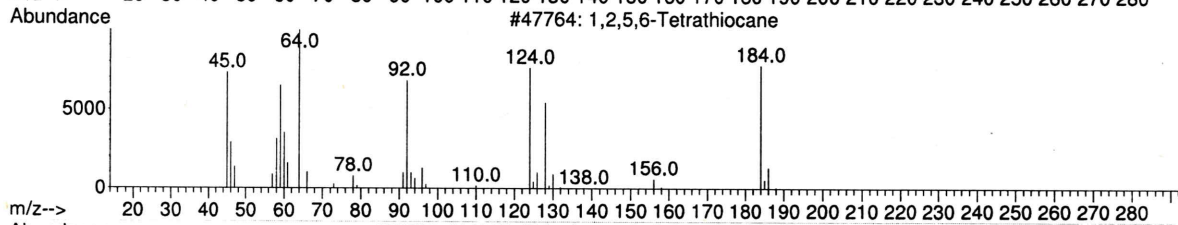
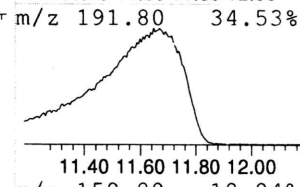
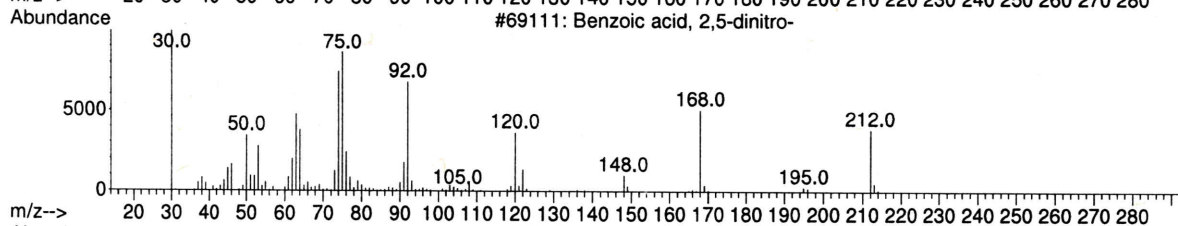
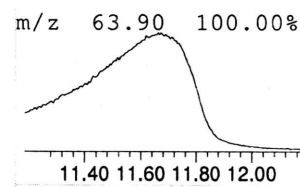
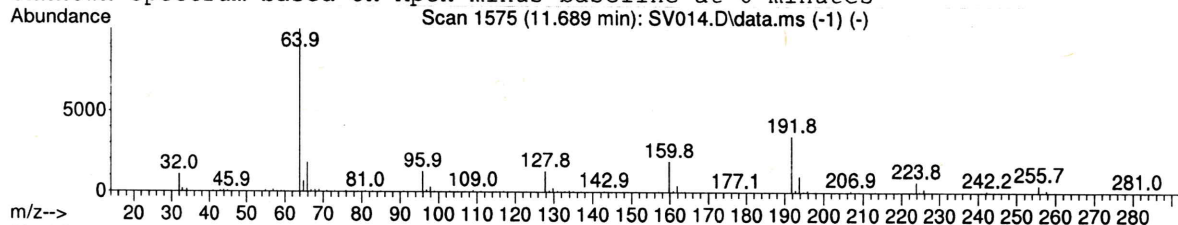
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 29 at 11.625 min Area: 18188290 Area % 5.49

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Cyclic octaatomic sulfur	103024	010544-50-0	59
2 Benzoic acid, 2,5-dinitro-	69111	000610-28-6	50
3 Cyclobutane, 1,1'-(1,1,2,2-tetra...	189904	035208-02-7	36

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1575 (11.689 min): SV014.D\data.ms (-1) (-)



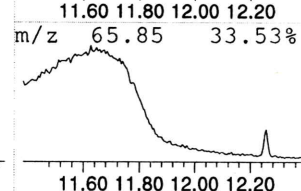
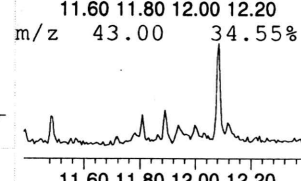
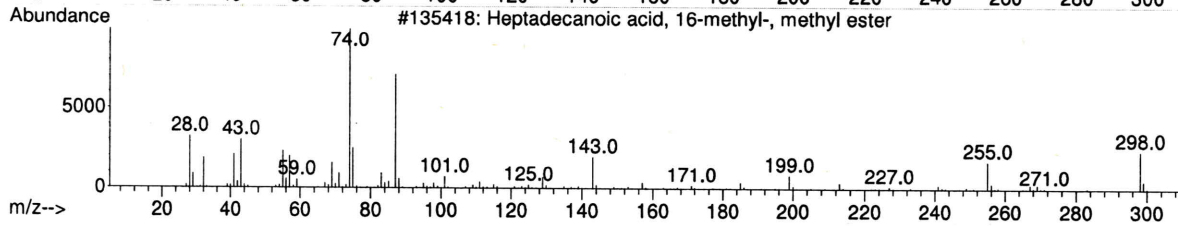
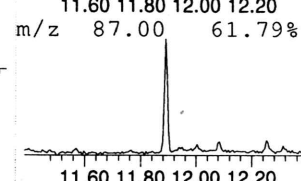
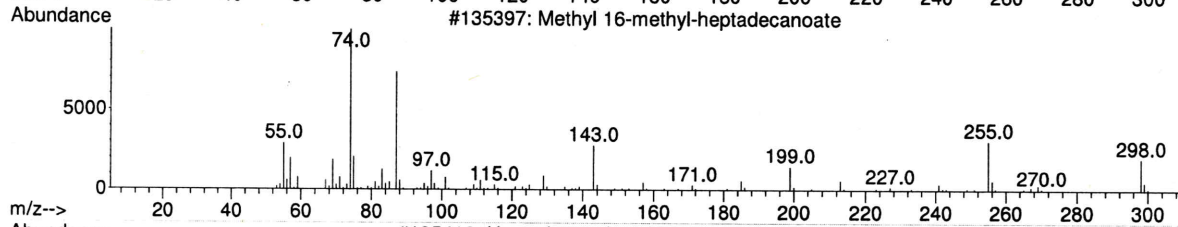
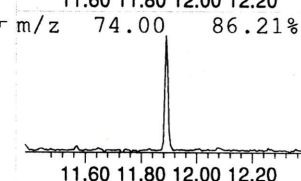
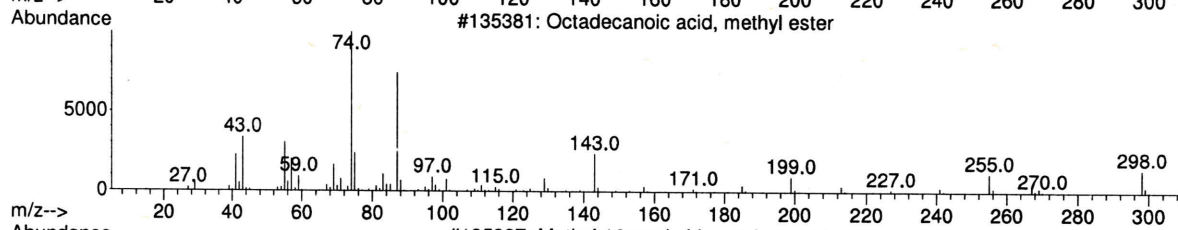
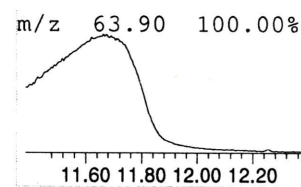
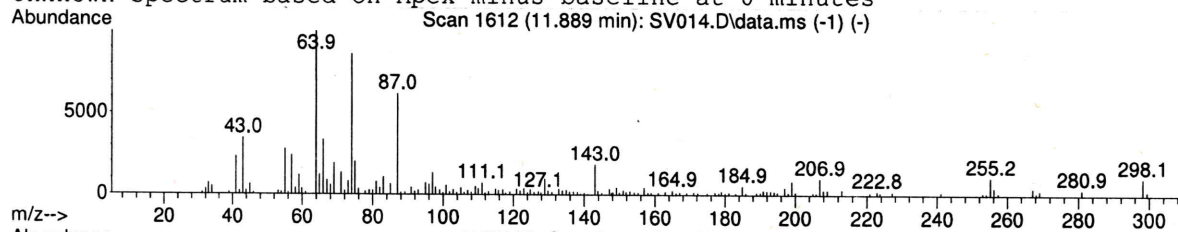
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 30 at 11.689 min Area: 27163704 Area % 8.19

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Benzoic acid, 2,5-dinitro-	69111	000610-28-6	64
2 1,2,5,6-Tetrathiocane	47764	001940-01-8	56
3 N,N-Bis(2-hydroxyethyl)-2-aminoe...	69581	010191-18-1	50

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1612 (11.889 min): SV014.D\data.ms (-1) (-)



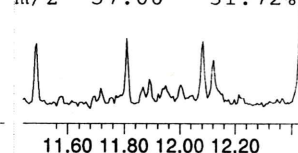
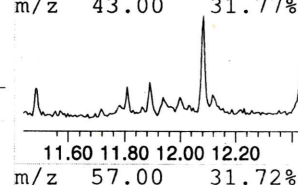
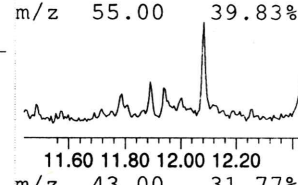
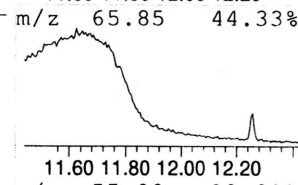
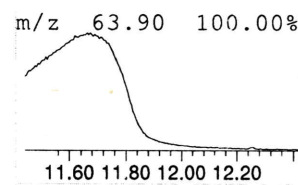
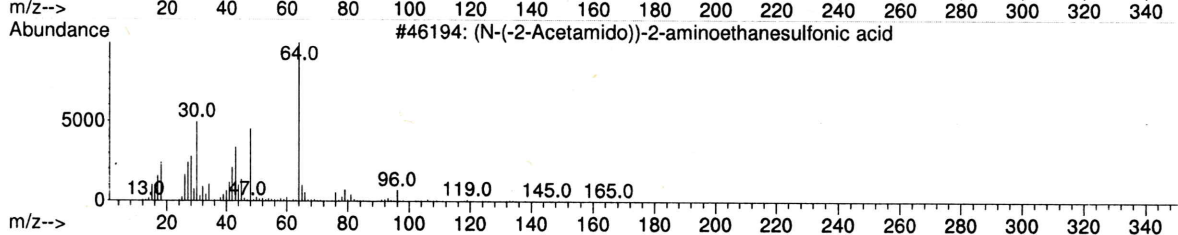
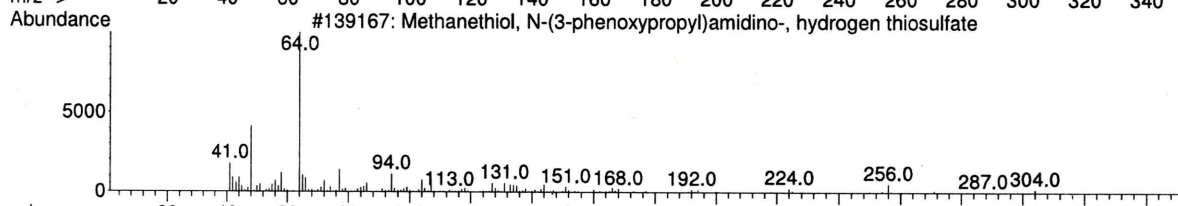
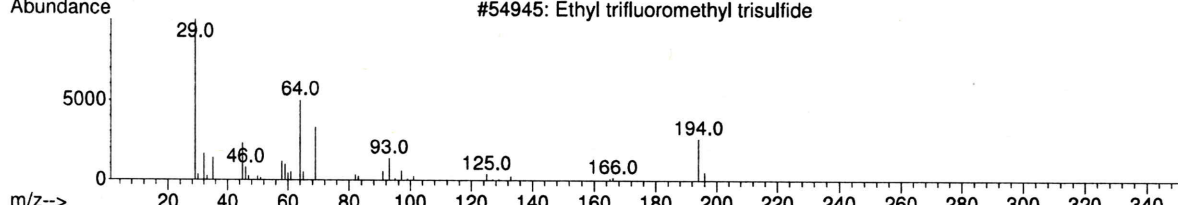
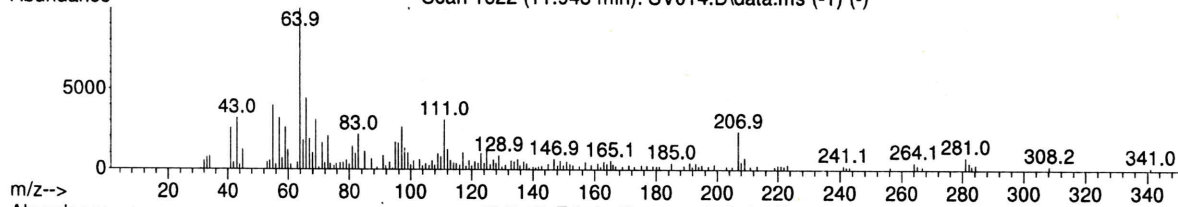
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 31 at 11.889 min Area: 1007627 Area % 0.30

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Octadecanoic acid, methyl ester	135381	000112-61-8	56
2 Methyl 16-methyl-heptadecanoate	135397	1000336-38-6	55
3 Heptadecanoic acid, 16-methyl-, ...	135418	005129-61-3	53

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
 Scan 1622 (11.943 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 32 at 11.943 min Area: 1133998 Area % 0.34

The 3 best hits from each library.

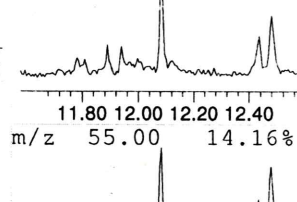
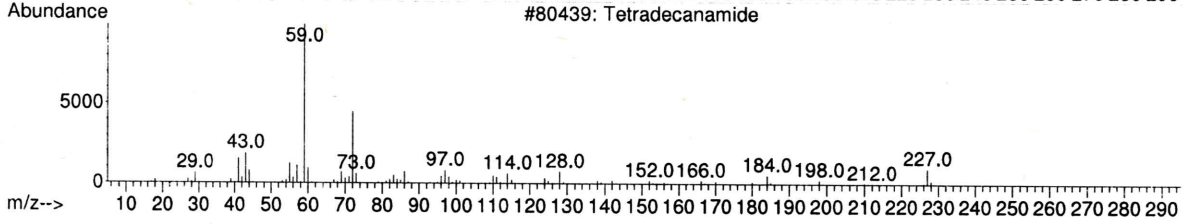
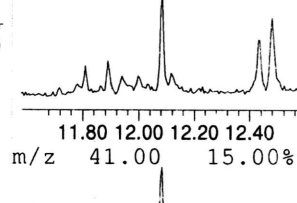
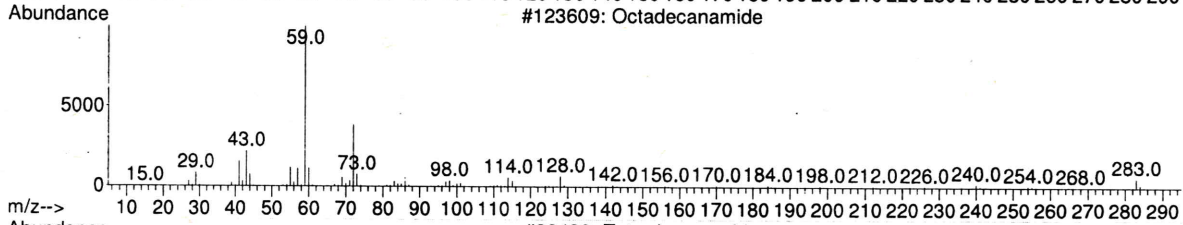
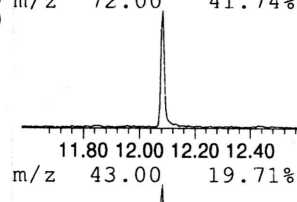
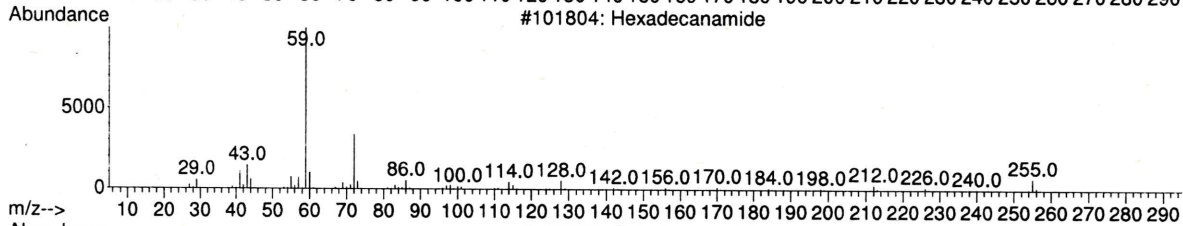
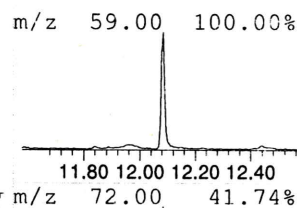
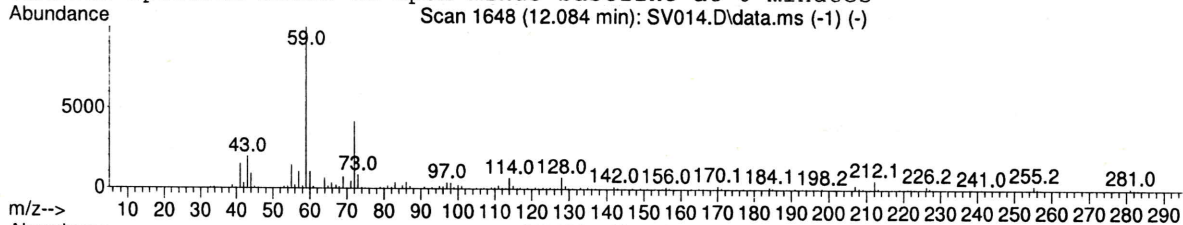
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	54945 055882-01-4	43
2	139167 040283-89-4	37
3	46194 007365-82-4	25

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1648 (12.084 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

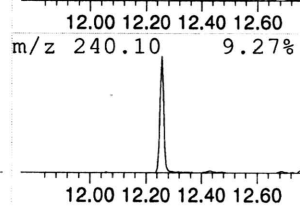
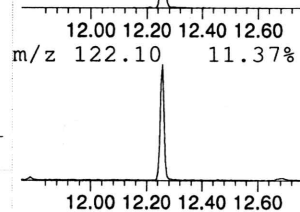
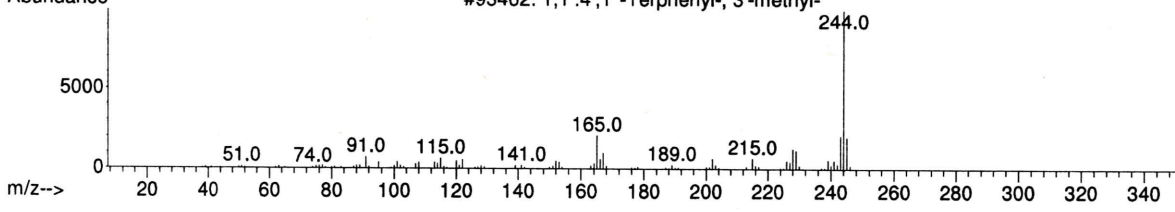
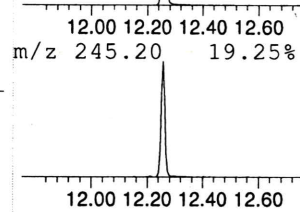
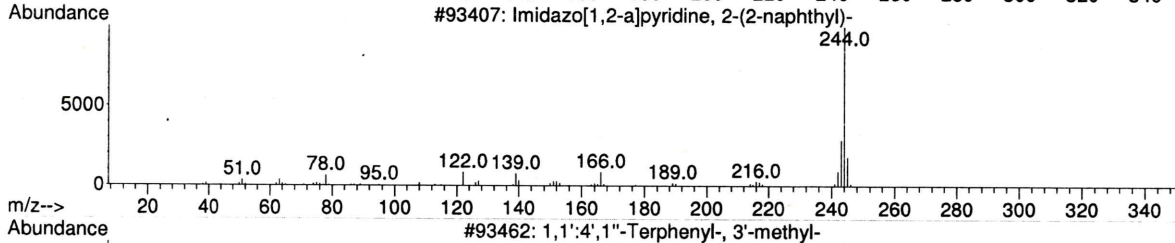
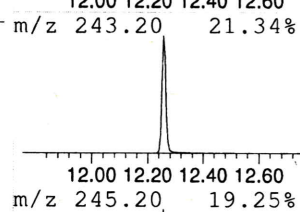
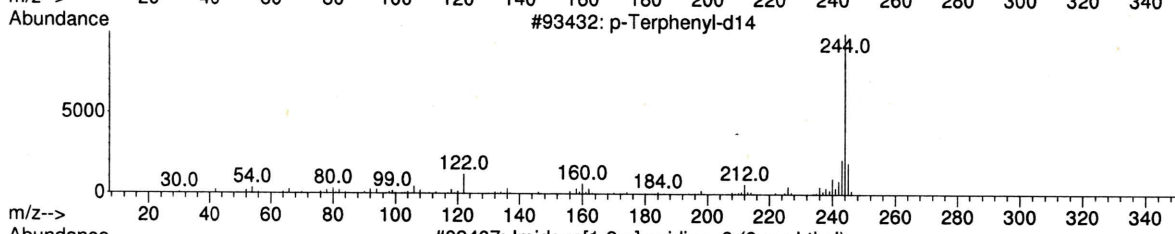
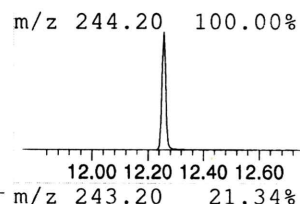
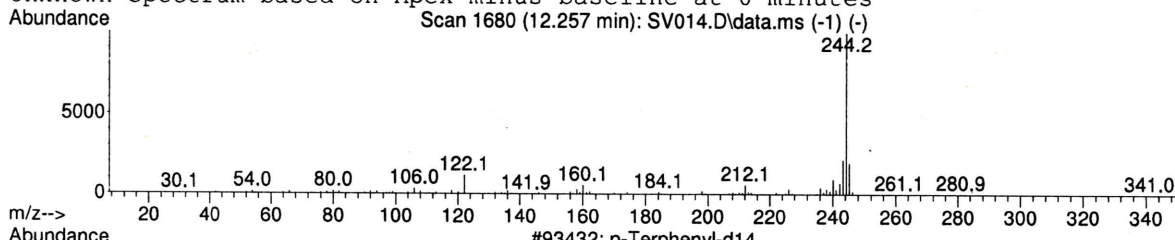
Peak Number: 33 at 12.084 min Area: 1748717 Area % 0.53

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 Hexadecanamide	101804	000629-54-9	93
2 Octadecanamide	123609	000124-26-5	93
3 Tetradecanamide	80439	000638-58-4	90

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 34 at 12.257 min Area: 9688208 Area % 2.92

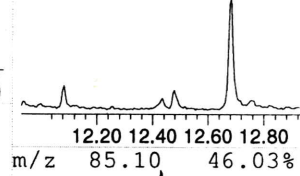
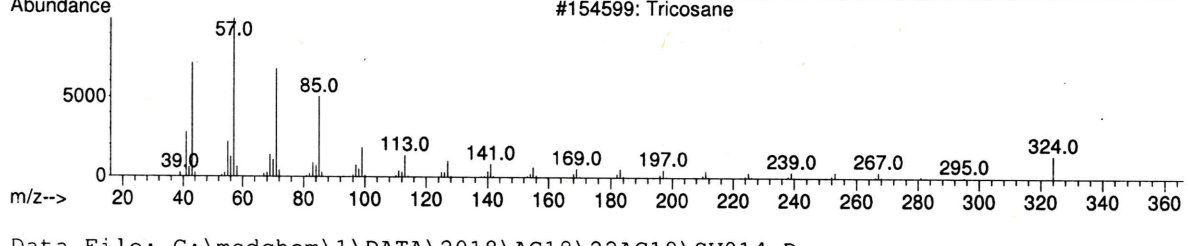
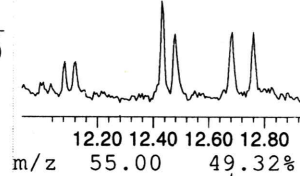
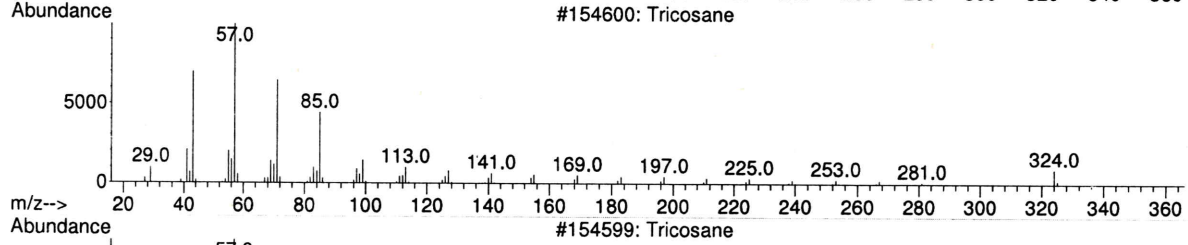
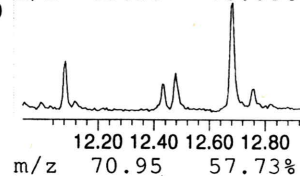
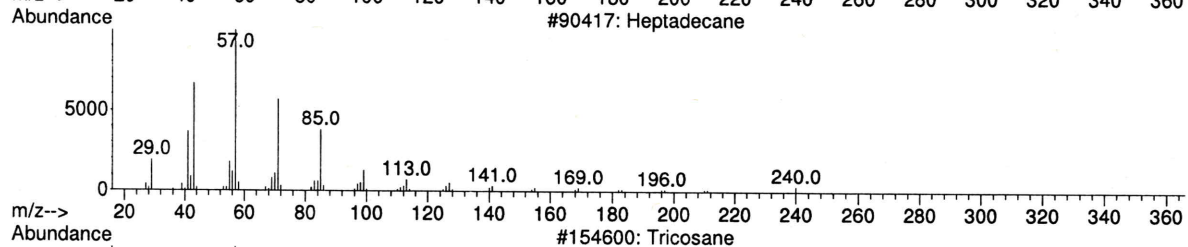
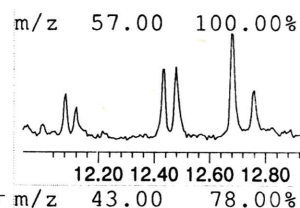
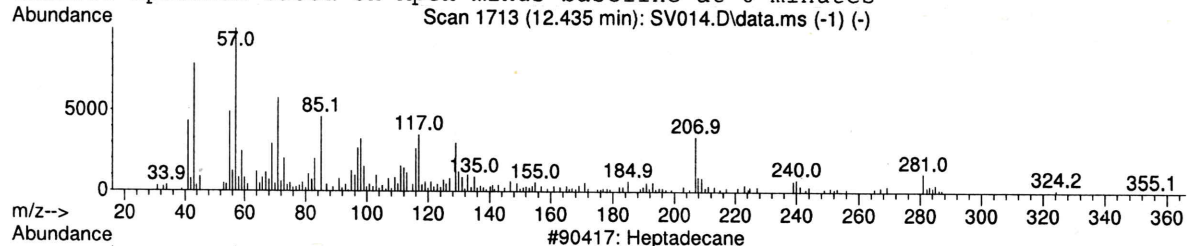
The 3 best hits from each library.

Ref\#	CAS\#	Qual

C:\Database\NIST08.L		
1	p-Terphenyl-d14	93432 001718-51-0 99
2	Imidazo[1,2-a]pyridine, 2-(2-nap...	93407 038922-71-3 80
3	1,1':4',1''-Terphenyl-, 3'-methyl-	93462 033776-38-4 64

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1713 (12.435 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 35 at 12.435 min Area: 1045863 Area % 0.32

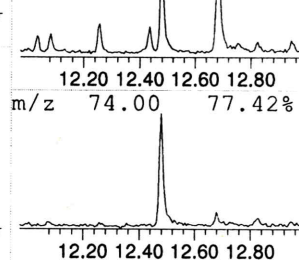
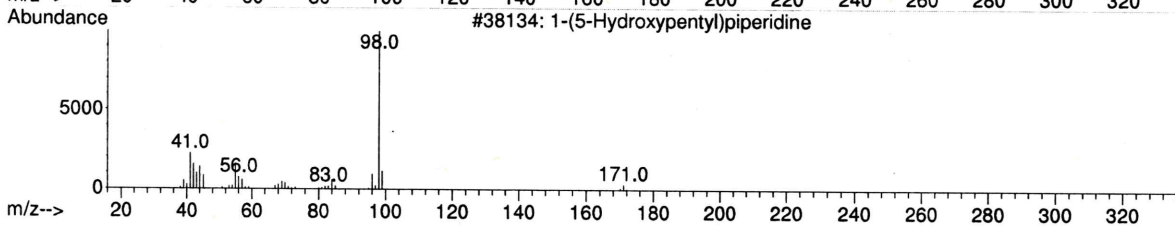
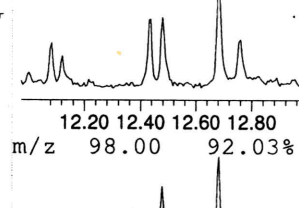
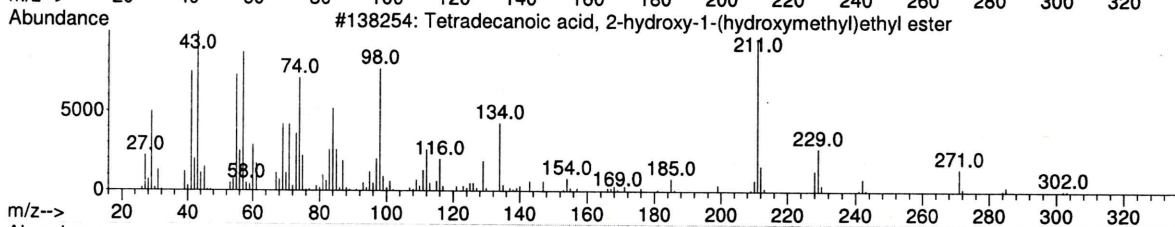
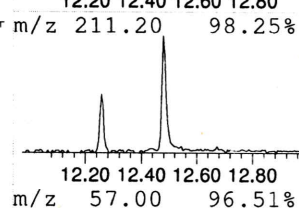
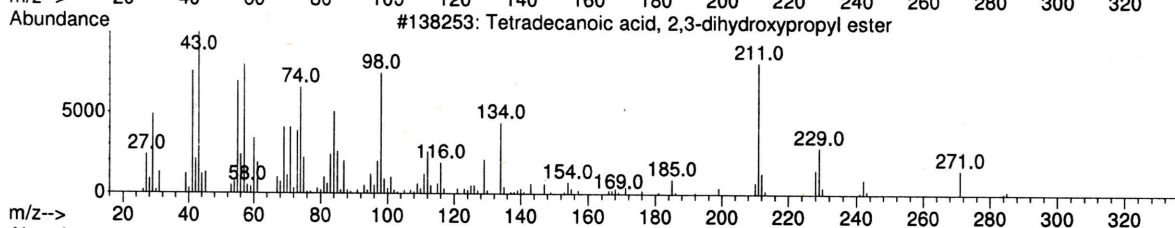
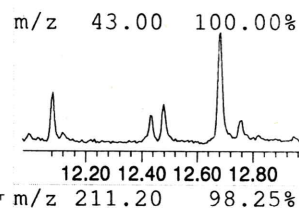
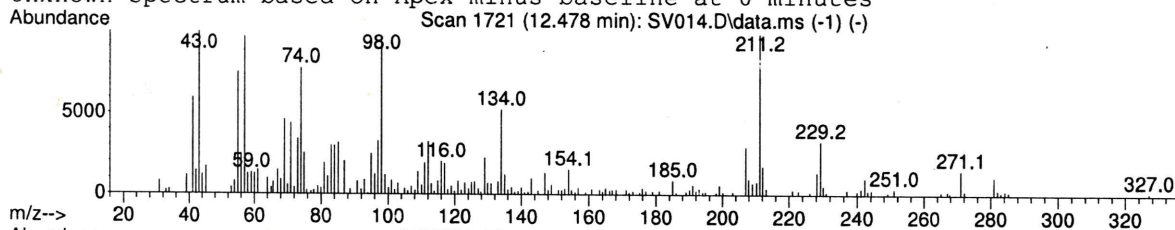
The 3 best hits from each library.

Ref\#	CAS\#	Qual

C:\Database\NIST08.L		
1	Heptadecane 90417 000629-78-7	44
2	Tricosane 154600 000638-67-5	44
3	Tricosane 154599 000638-67-5	44

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 36 at 12.478 min Area: 1811889 Area % 0.55

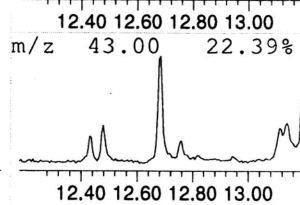
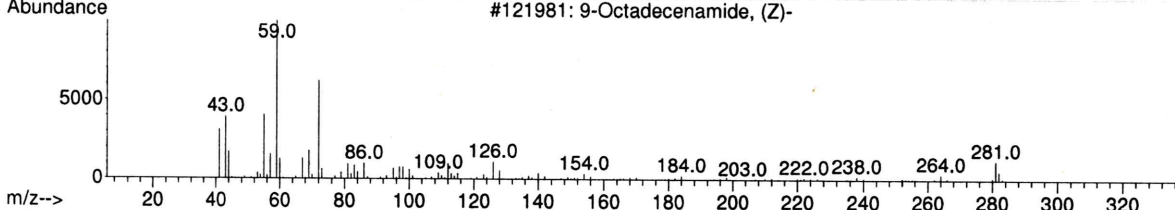
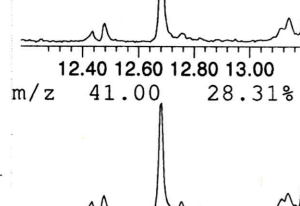
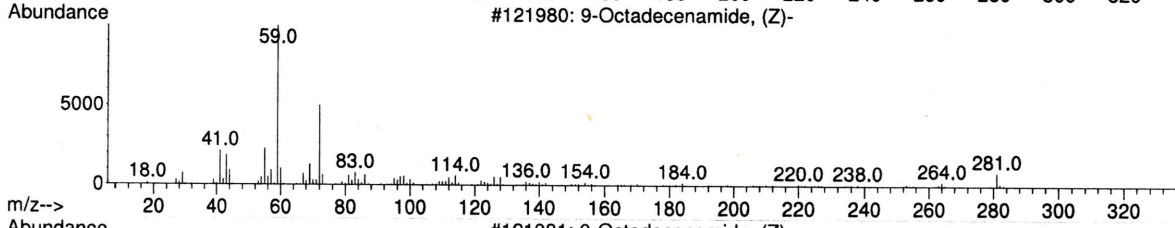
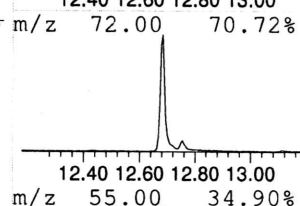
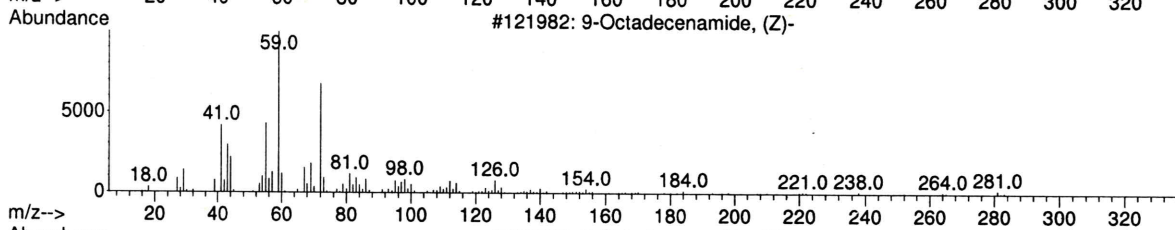
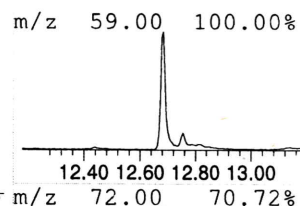
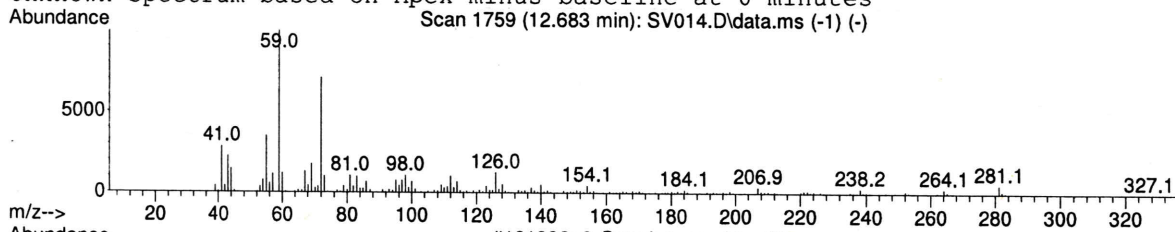
The 3 best hits from each library.

	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 Tetradecanoic acid, 2,3-dihydrox...	138253	000589-68-4	93
2 Tetradecanoic acid, 2-hydroxy-1-...	138254	003443-83-2	90
3 1-(5-Hydroxypentyl)piperidine	38134	002937-83-9	11

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1759 (12.683 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

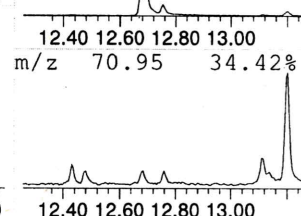
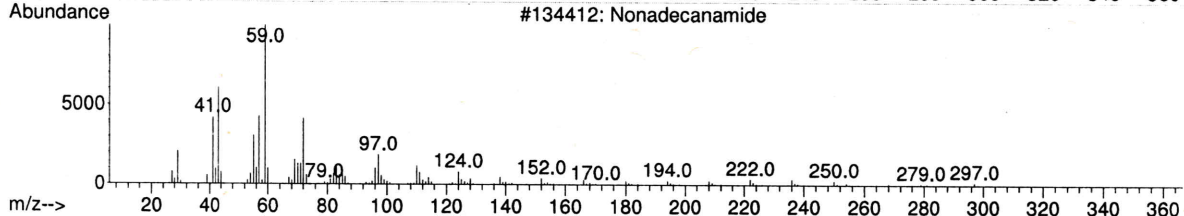
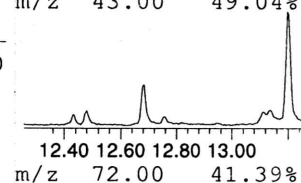
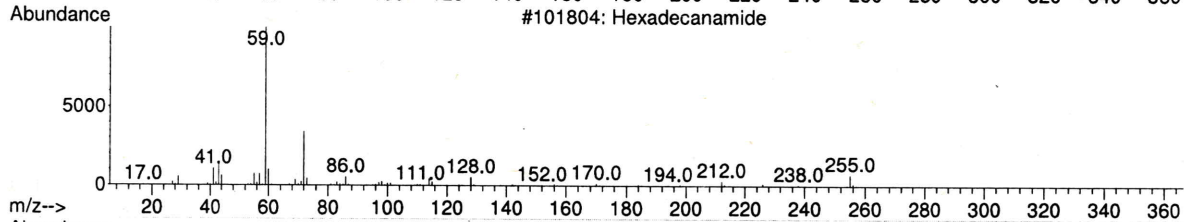
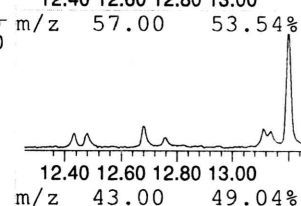
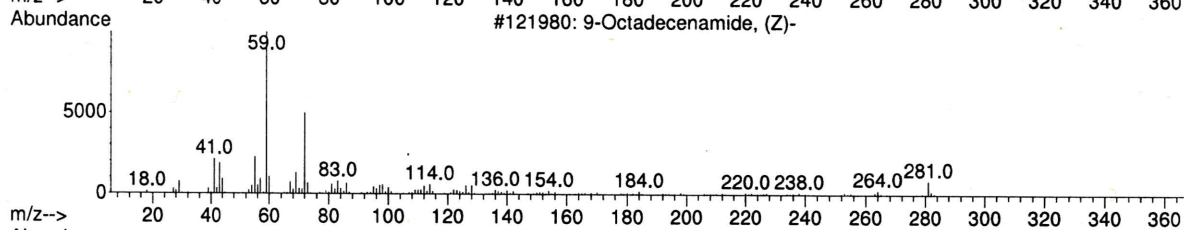
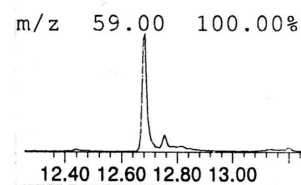
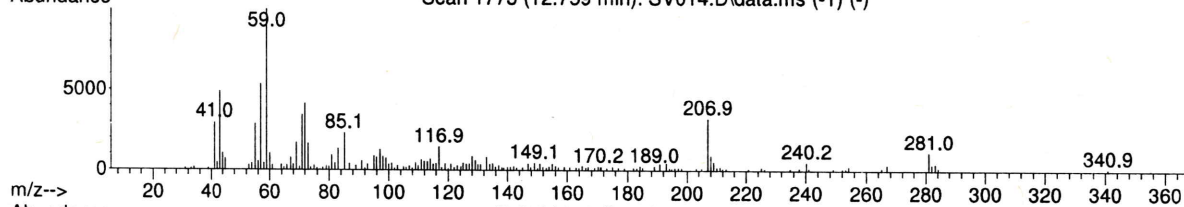
Peak Number: 37 at 12.683 min Area: 7492922 Area % 2.26

The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	121982	96
2	121980	91
3	121981	91

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1773 (12.759 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 38 at 12.759 min Area: 1383663 Area % 0.42

The 3 best hits from each library.

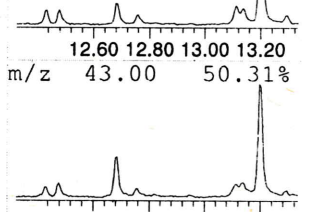
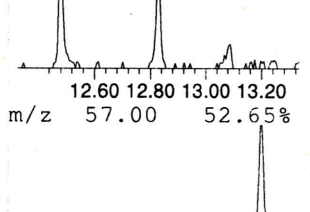
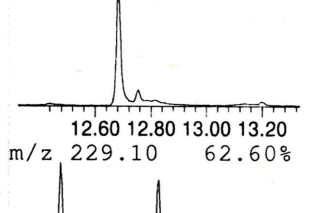
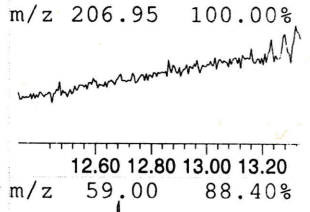
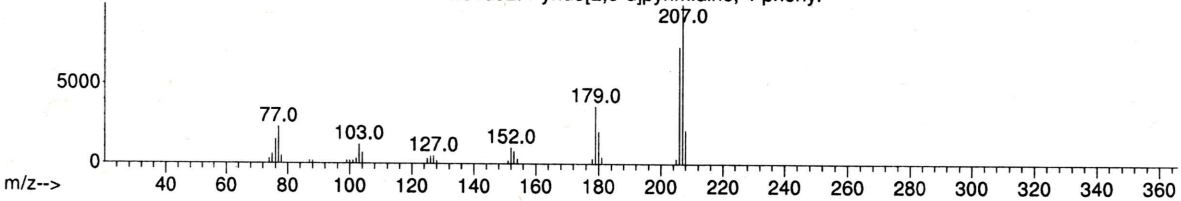
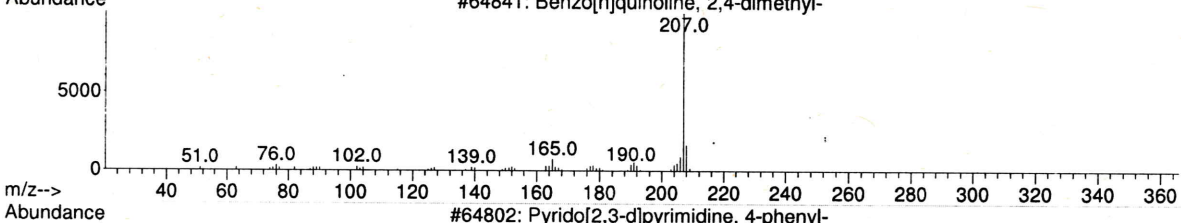
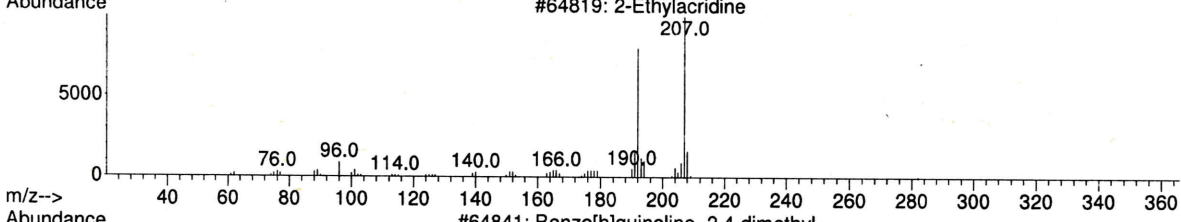
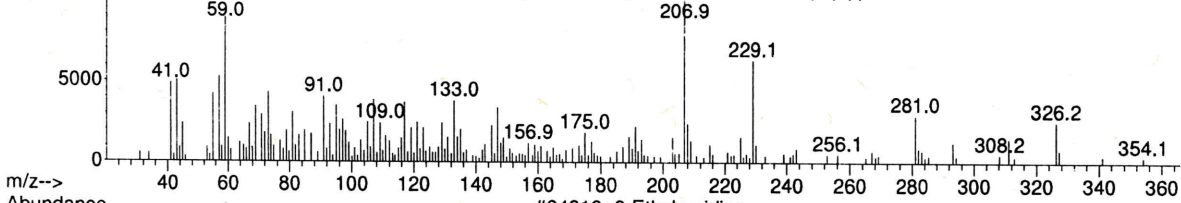
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	121980 000301-02-0	53
2	101804 000629-54-9	47
3	134412 058185-32-3	47

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1786 (12.829 min): SV014.D\data.ms (-1) (-)



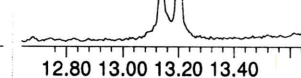
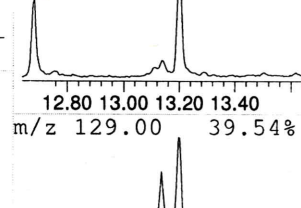
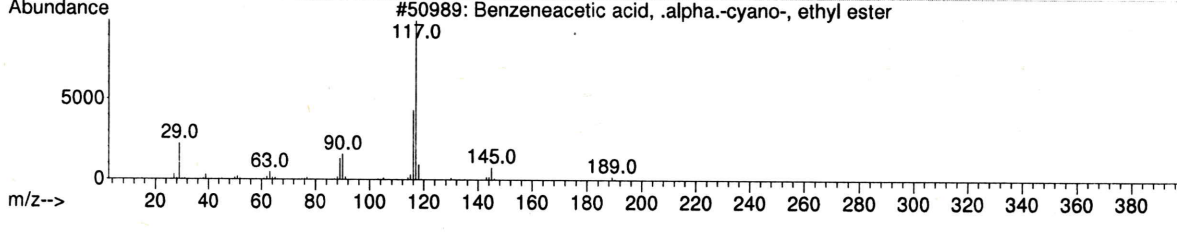
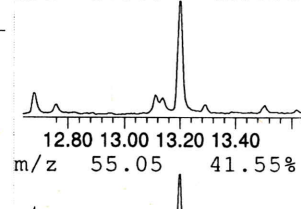
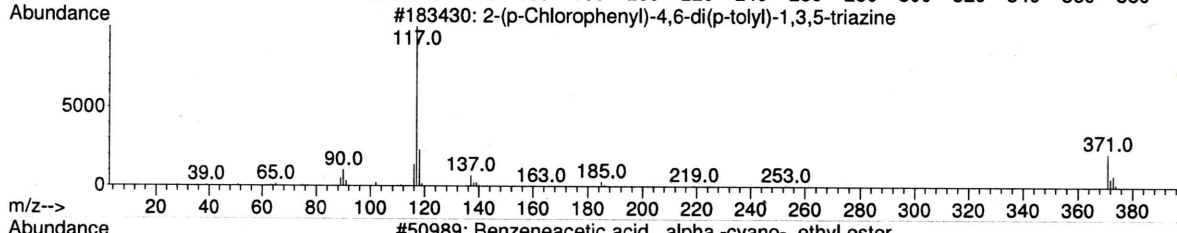
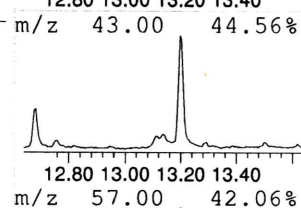
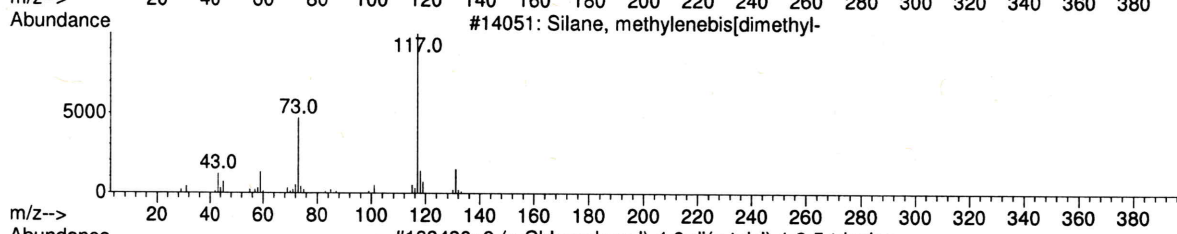
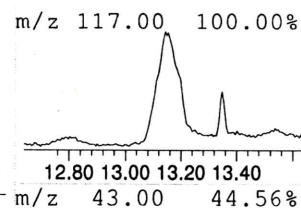
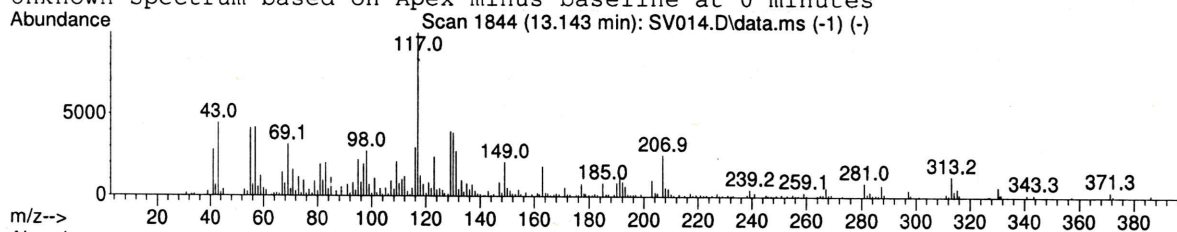
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 39 at 12.829 min Area: 886702 Area % 0.27

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1	2-Ethylacridine	64819 055751-83-2	38
2	Benzo[h]quinoline, 2,4-dimethyl-	64841 000605-67-4	35
3	Pyrido[2,3-d]pyrimidine, 4-phenyl-	64802 028732-75-4	30

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D

Sample : 832504-1

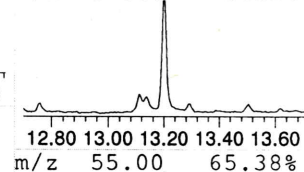
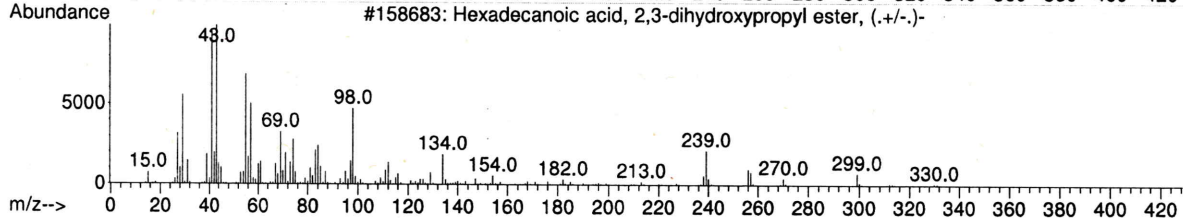
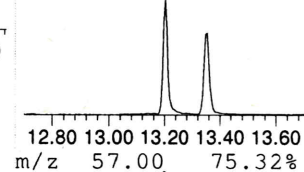
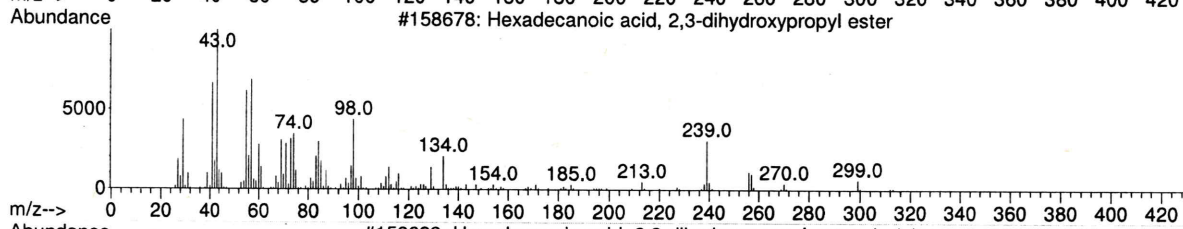
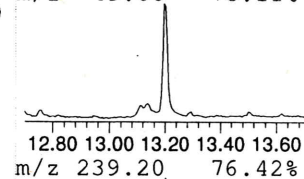
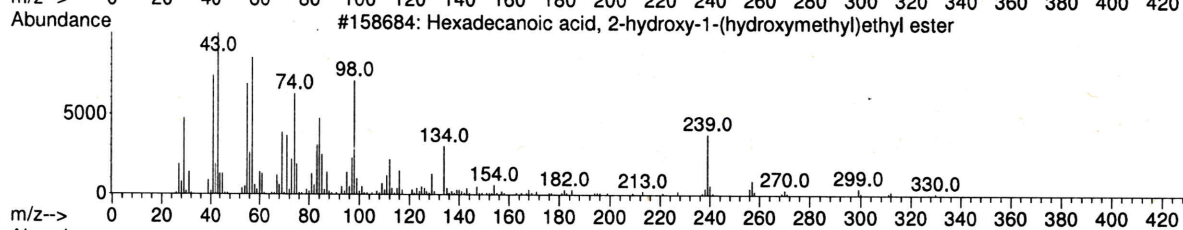
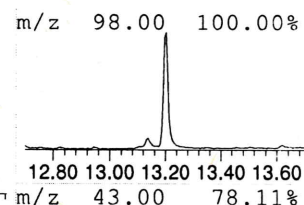
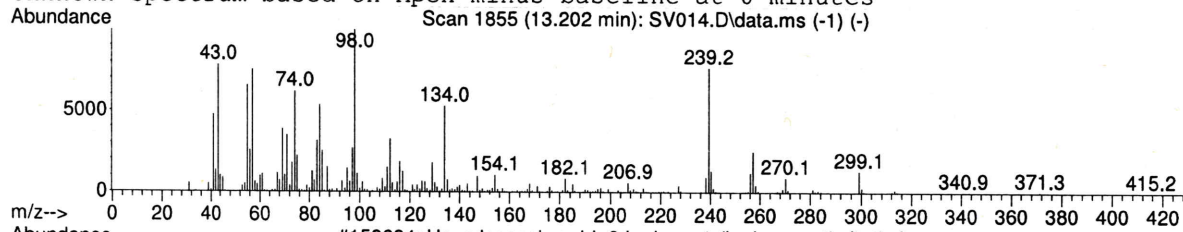
Peak Number: 40 at 13.143 min Area: 5934439 Area % 1.79

The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	14051 018163-84-3	25
2	183430 007752-00-3	18
3	50989 004553-07-5	14

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1855 (13.202 min): SV014.D\data.ms (-1) (-)



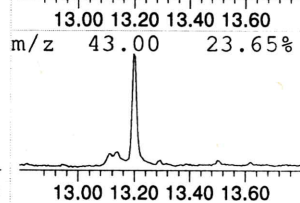
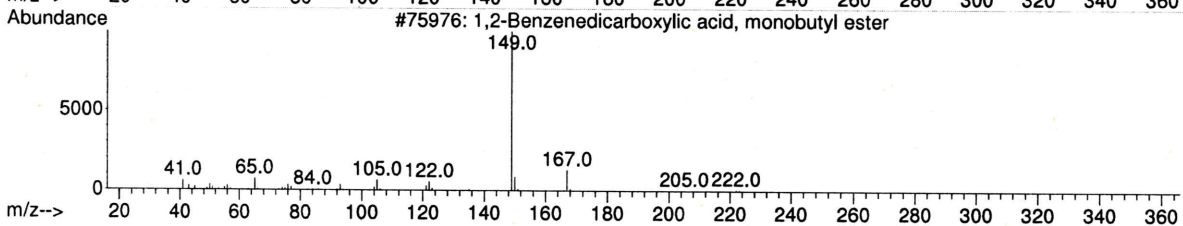
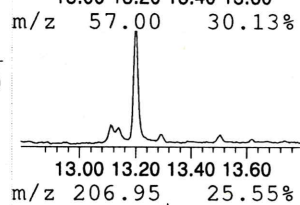
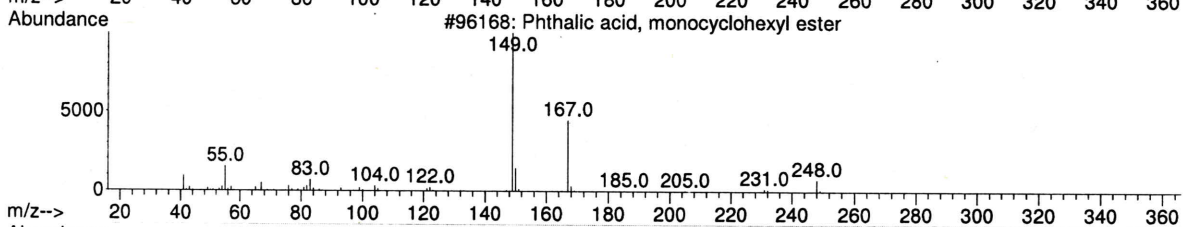
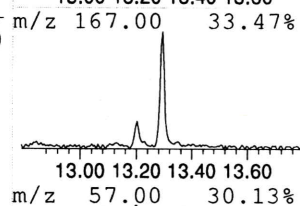
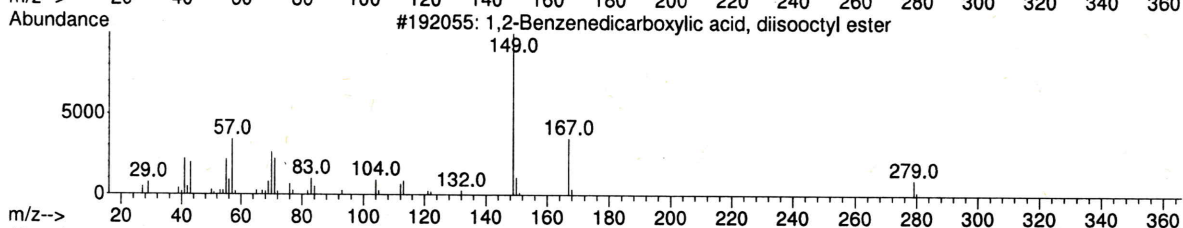
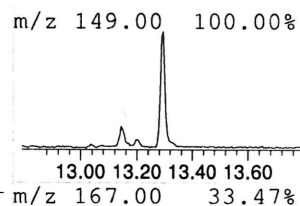
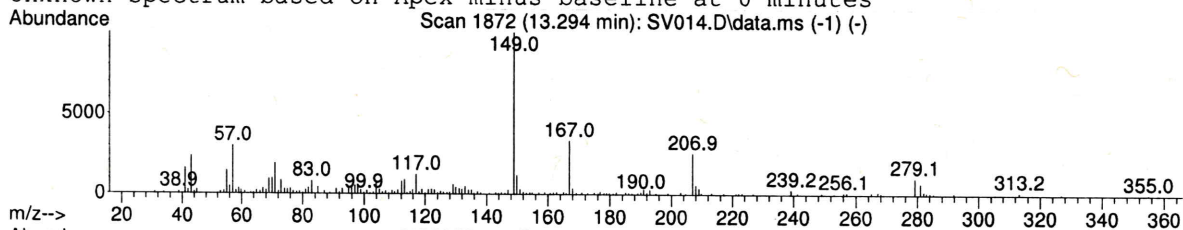
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 41 at 13.202 min Area: 13717133 Area % 4.14

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Hexadecanoic acid, 2-hydroxy-1-(...	158684	023470-00-0	91
2 Hexadecanoic acid, 2,3-dihydroxy...	158678	000542-44-9	50
3 Hexadecanoic acid, 2,3-dihydroxy...	158683	019670-51-0	50

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

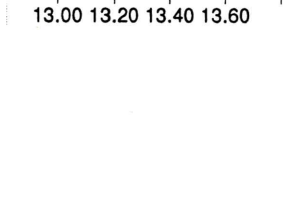
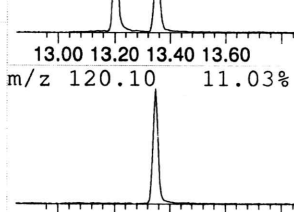
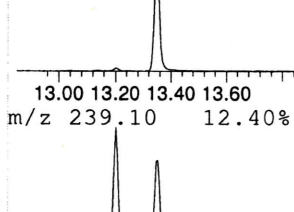
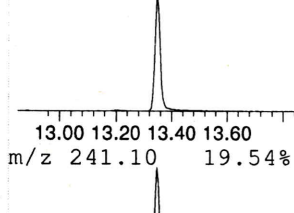
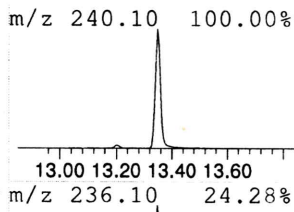
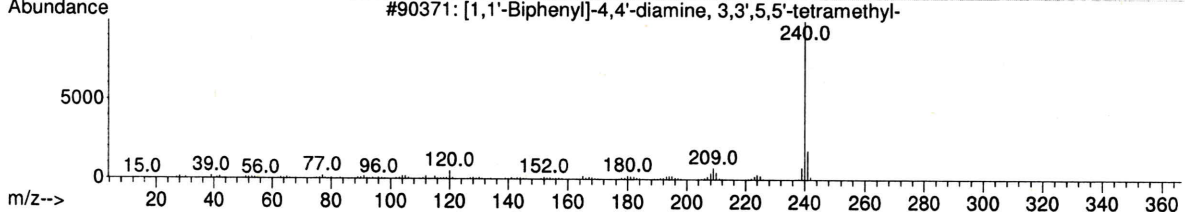
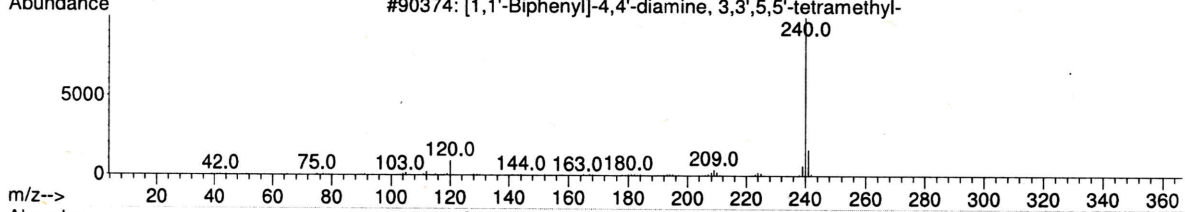
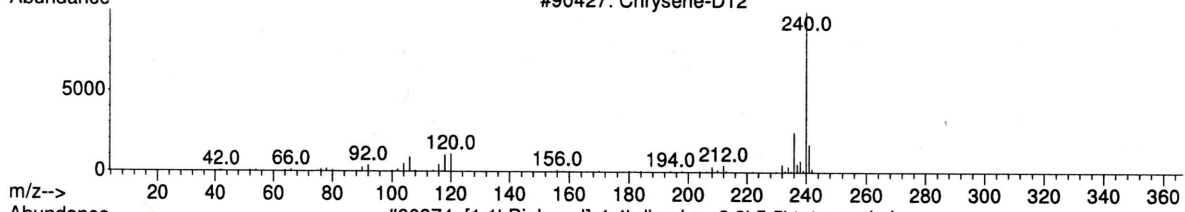
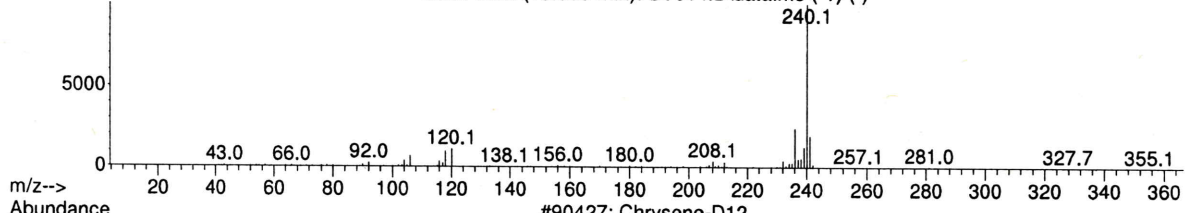
Peak Number: 42 at 13.294 min Area: 1136814 Area % 0.34

The 3 best hits from each library.

Ref\#	CAS\#	Qual
C:\Database\NIST08.L		
1	1,2-Benzenedicarboxylic acid, di...	192055 027554-26-3 58
2	Phthalic acid, monocyclohexyl ester	96168 007517-36-4 50
3	1,2-Benzenedicarboxylic acid, mo...	75976 000131-70-4 47

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1883 (13.353 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

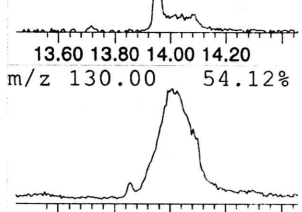
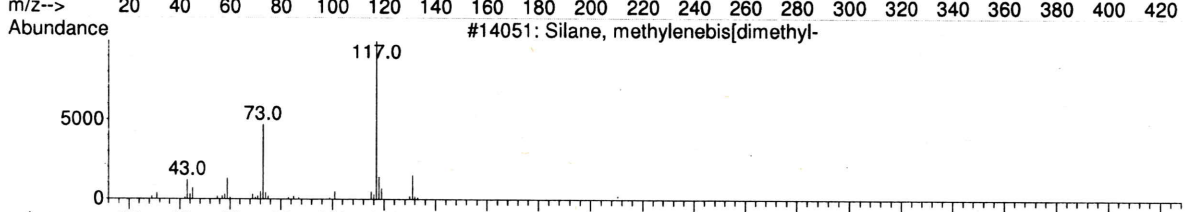
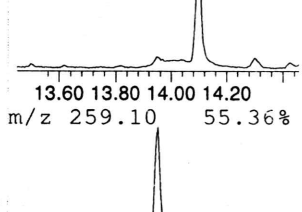
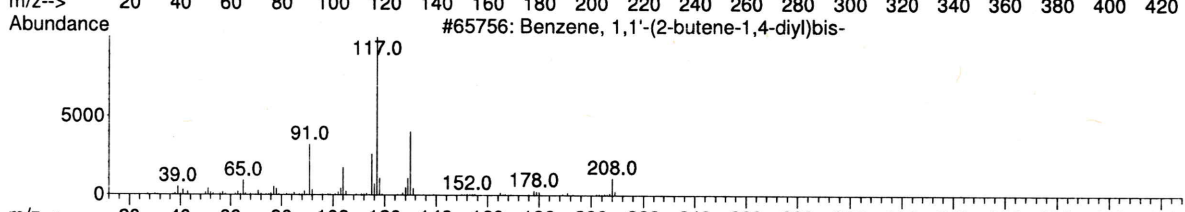
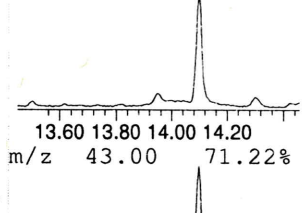
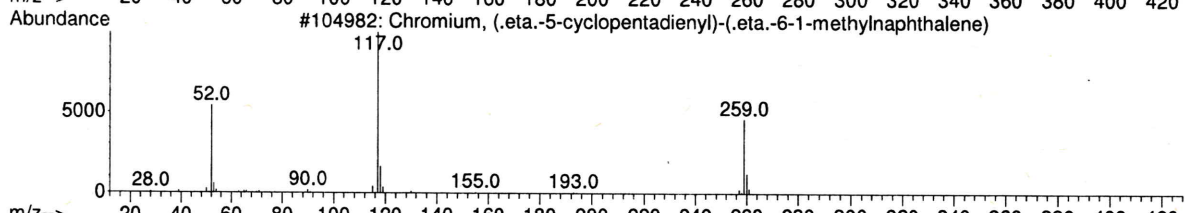
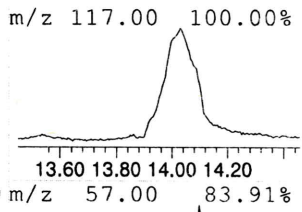
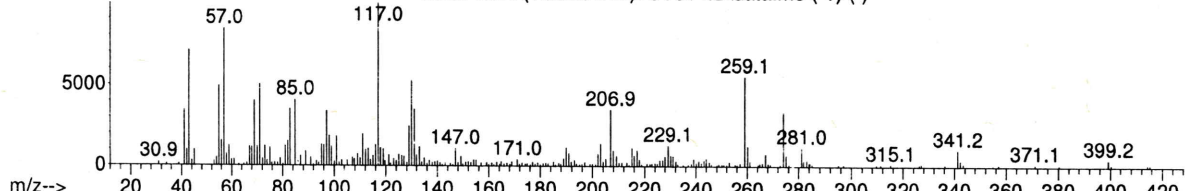
Peak Number: 43 at 13.353 min Area: 13535782 Area % 4.08

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1	90427	001719-03-5	96
2	90374	054827-17-7	58
3	90371	054827-17-7	53

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 1994 (13.953 min): SV014.D\data.ms (-1) (-)



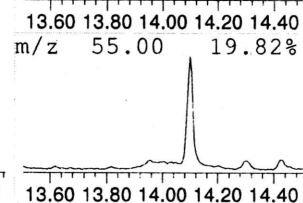
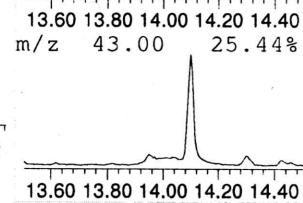
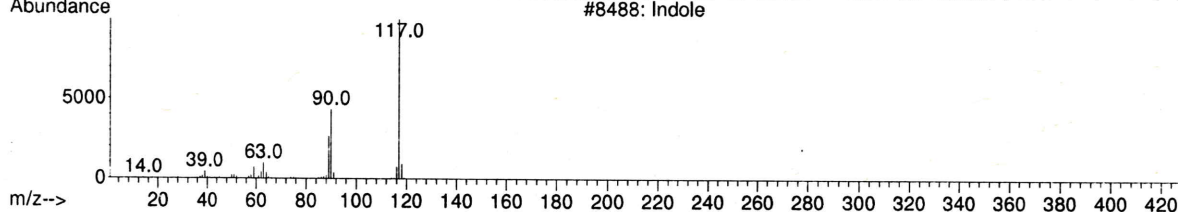
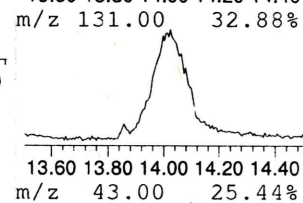
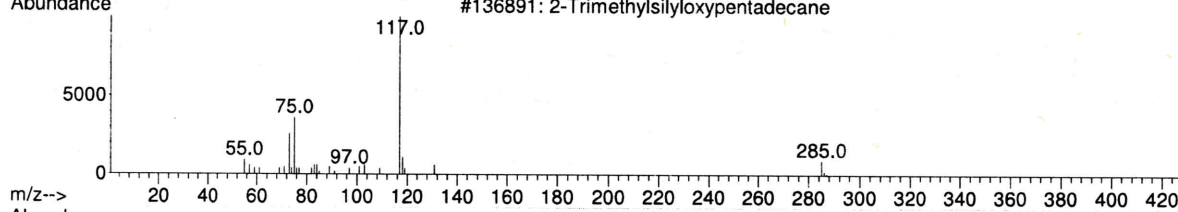
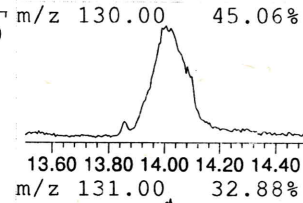
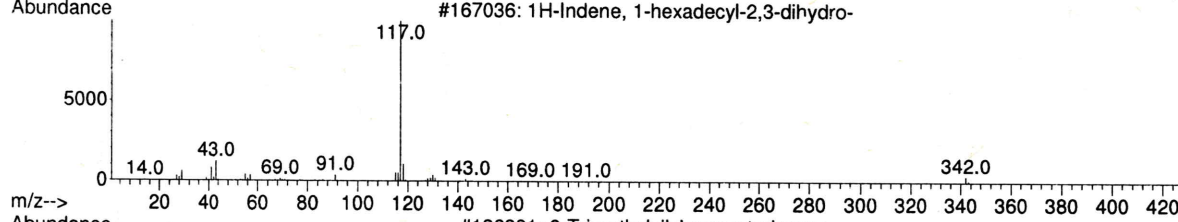
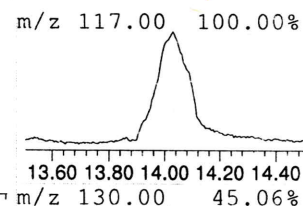
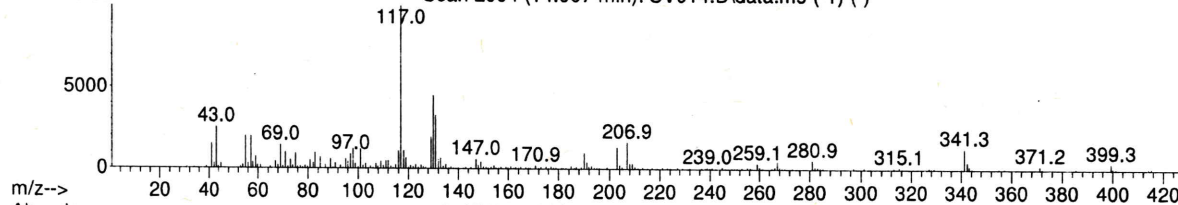
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 44 at 13.953 min Area: 4625339 Area % 1.40

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Chromium, (.eta.-5-cyclopentadie...	104982	1000158-74-0	38
2 Benzene, 1,1'-(2-butene-1,4-diyl...	65756	013657-49-3	27
3 Silane, methylenebis(dimethyl-	14051	018163-84-3	18

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2004 (14.007 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 45 at 14.007 min Area: 3568417 Area % 1.08

The 3 best hits from each library.

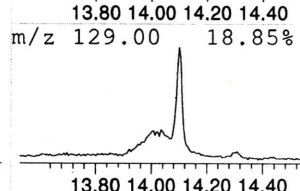
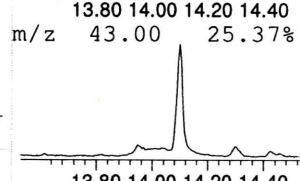
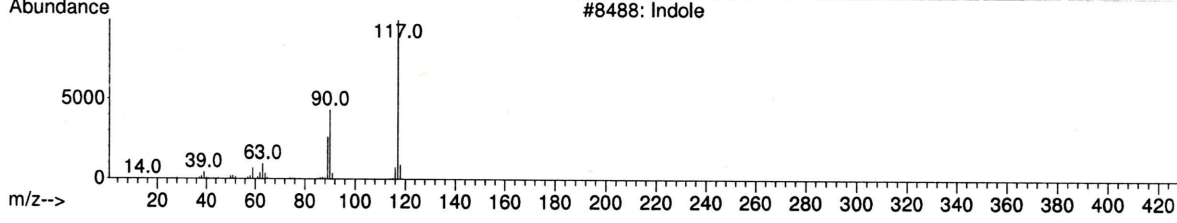
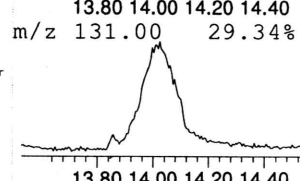
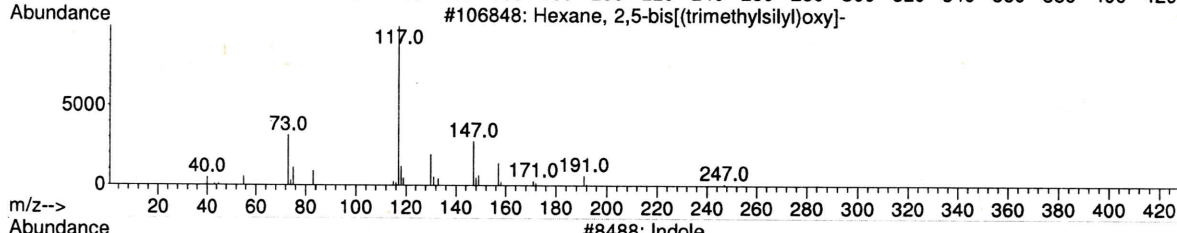
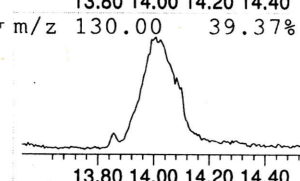
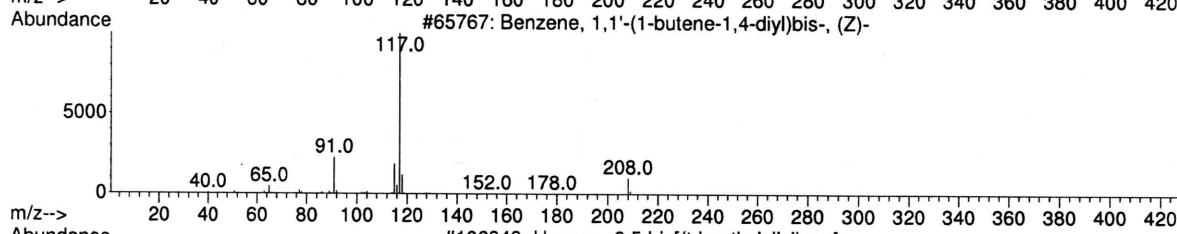
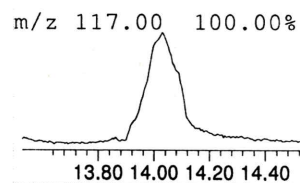
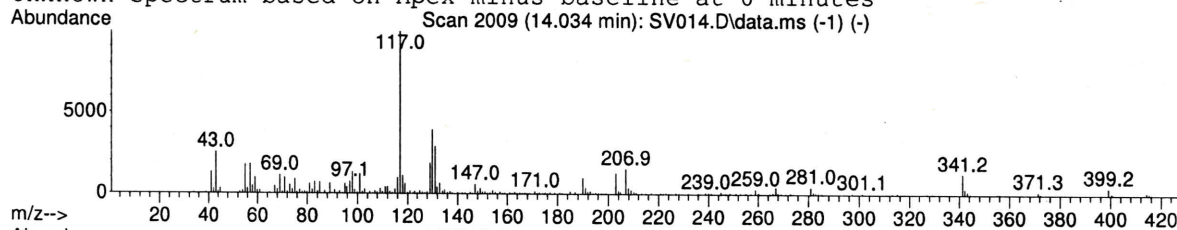
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	167036 055334-29-7	35
2	136891 122825-95-0	27
3	8488 000120-72-9	27

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 46 at 14.034 min Area: 3966398 Area % 1.20

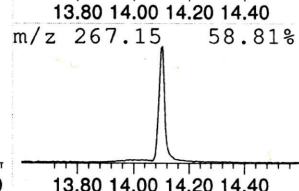
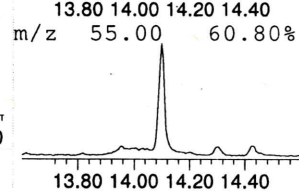
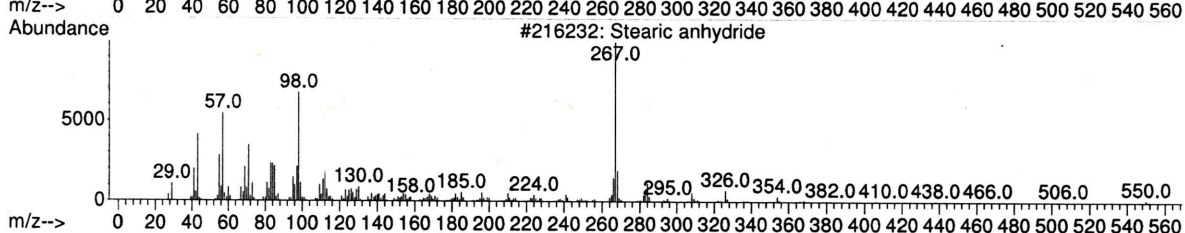
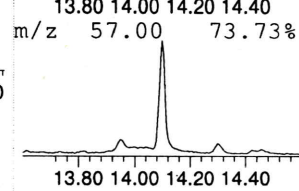
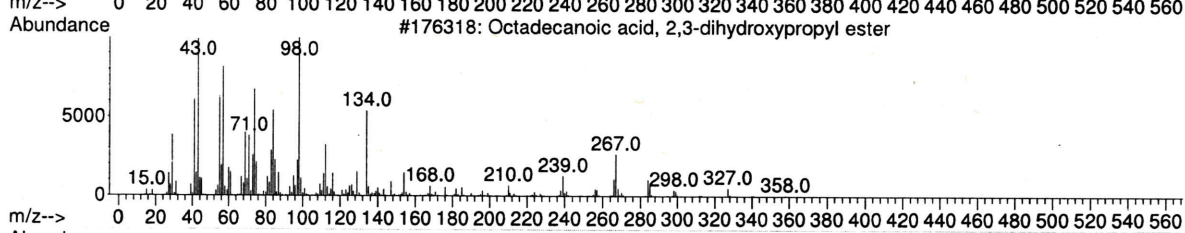
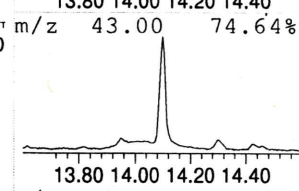
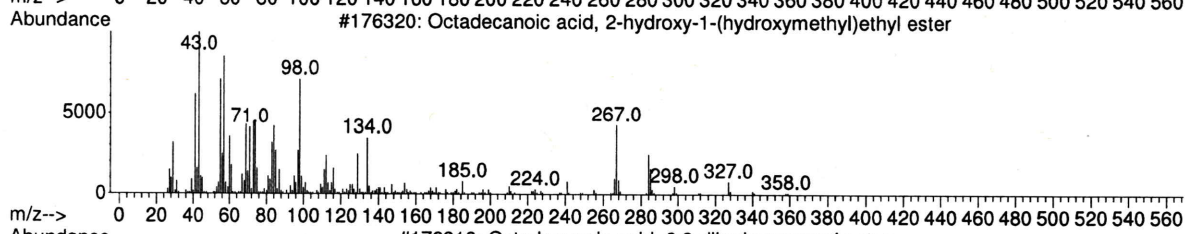
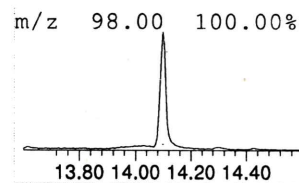
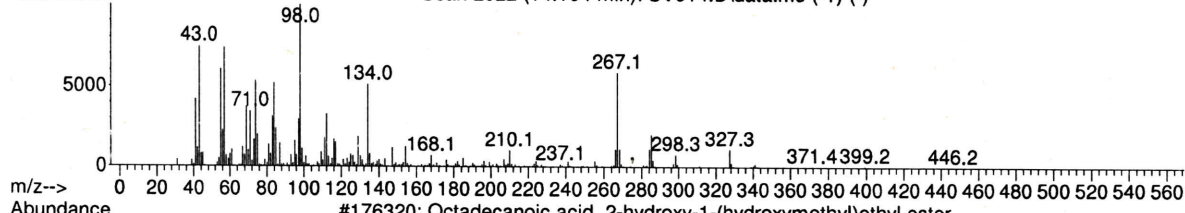
The 3 best hits from each library.

	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 Benzene, 1,1'-(1-butene-1,4-diyl...	65767	070388-65-7	35
2 Hexane, 2,5-bis[(trimethylsilyl)...	106848	066956-94-3	32
3 Indole	8488	000120-72-9	30

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2022 (14.104 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

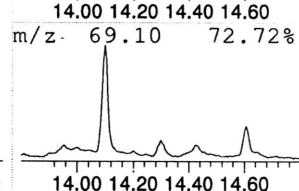
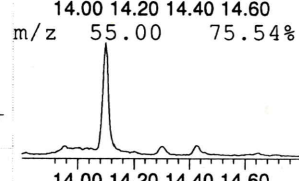
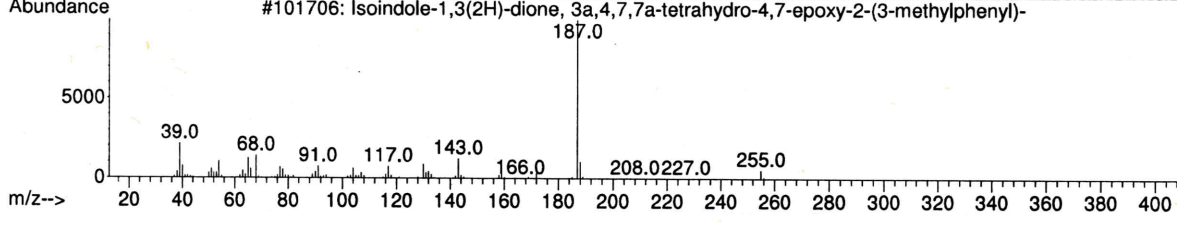
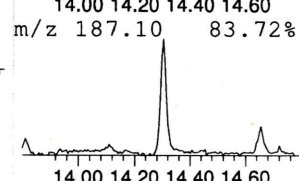
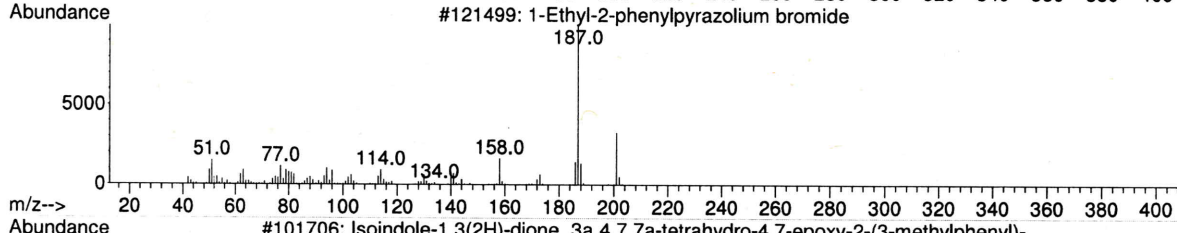
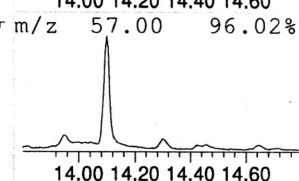
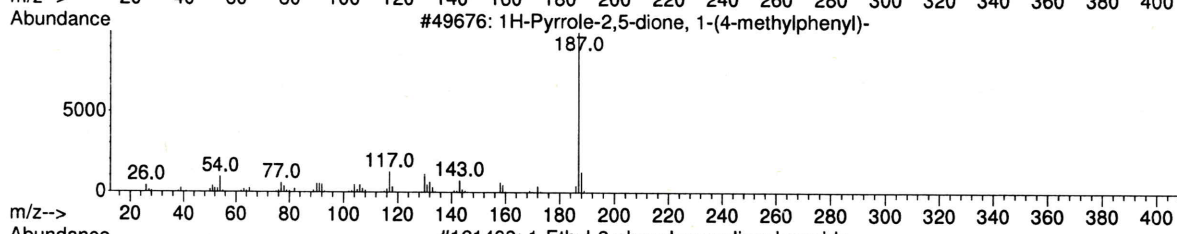
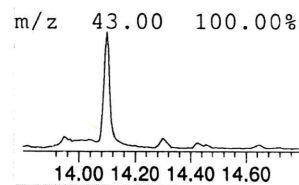
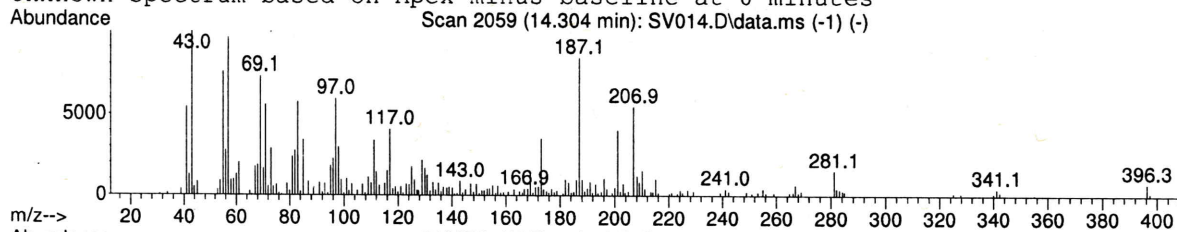
Peak Number: 47 at 14.104 min Area: 25833526 Area % 7.79

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 Octadecanoic acid, 2-hydroxy-1-(...	176320	000621-61-4	93
2 Octadecanoic acid, 2,3-dihydroxy...	176318	000123-94-4	49
3 Stearic anhydride	216232	000638-08-4	35

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

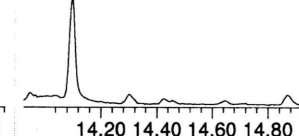
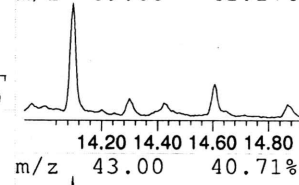
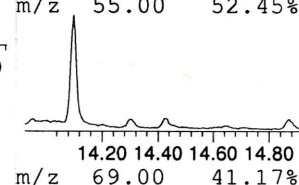
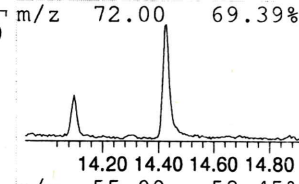
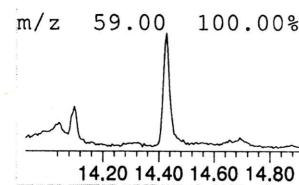
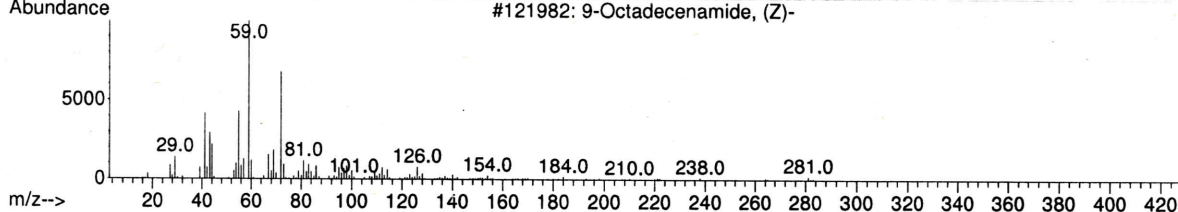
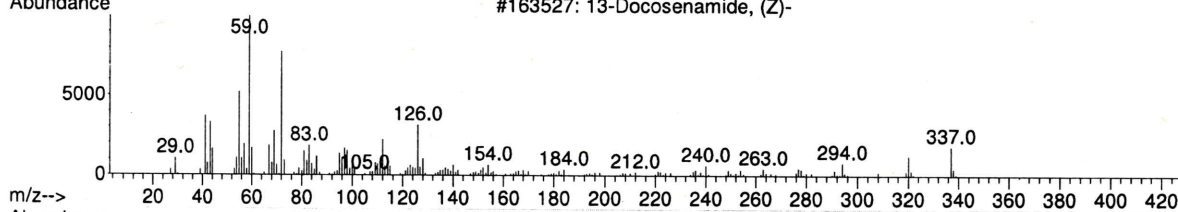
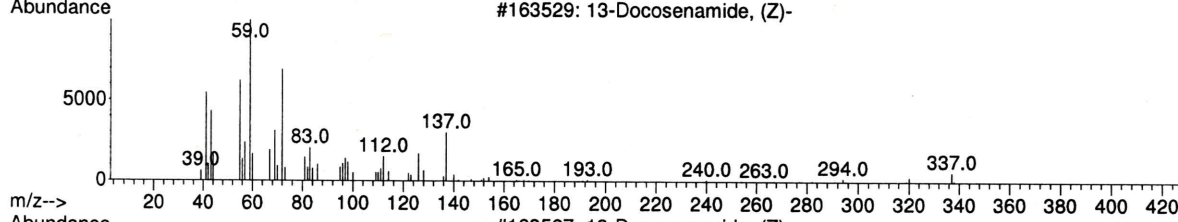
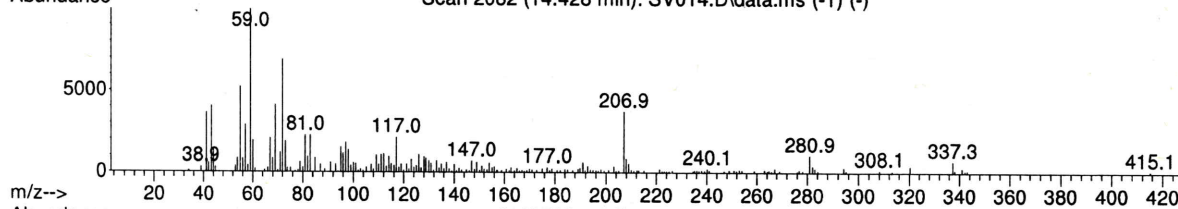
Peak Number: 48 at 14.304 min Area: 2555980 Area % 0.77

The 3 best hits from each library.

Ref\#	CAS\#	Qual
C:\Database\NIST08.L		
1	49676 001631-28-3	25
2	121499 1000124-80-7	25
3	101706 331627-21-5	18

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2082 (14.428 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 49 at 14.428 min Area: 2335349 Area % 0.70

The 3 best hits from each library.

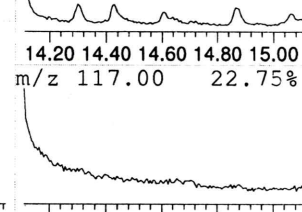
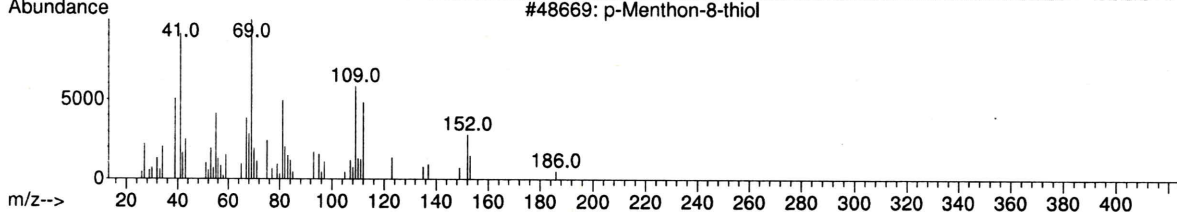
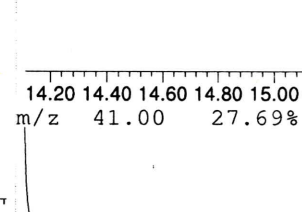
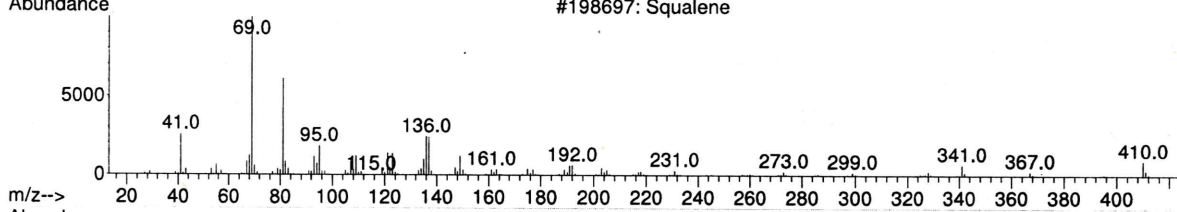
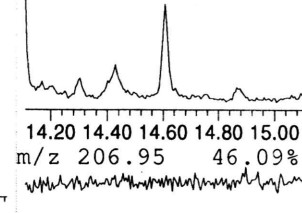
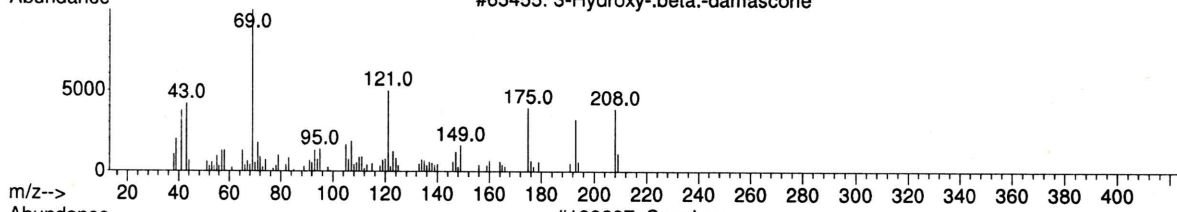
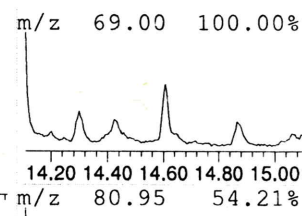
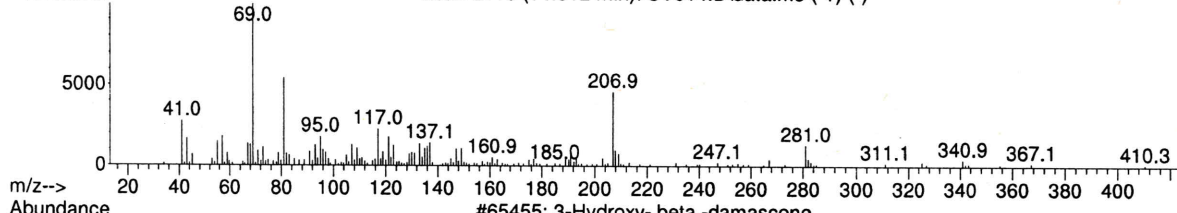
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	163529 000112-84-5	94
2	163527 000112-84-5	91
3	121982 000301-02-0	76

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2116 (14.612 min): SV014.D\data.ms (-1) (-)



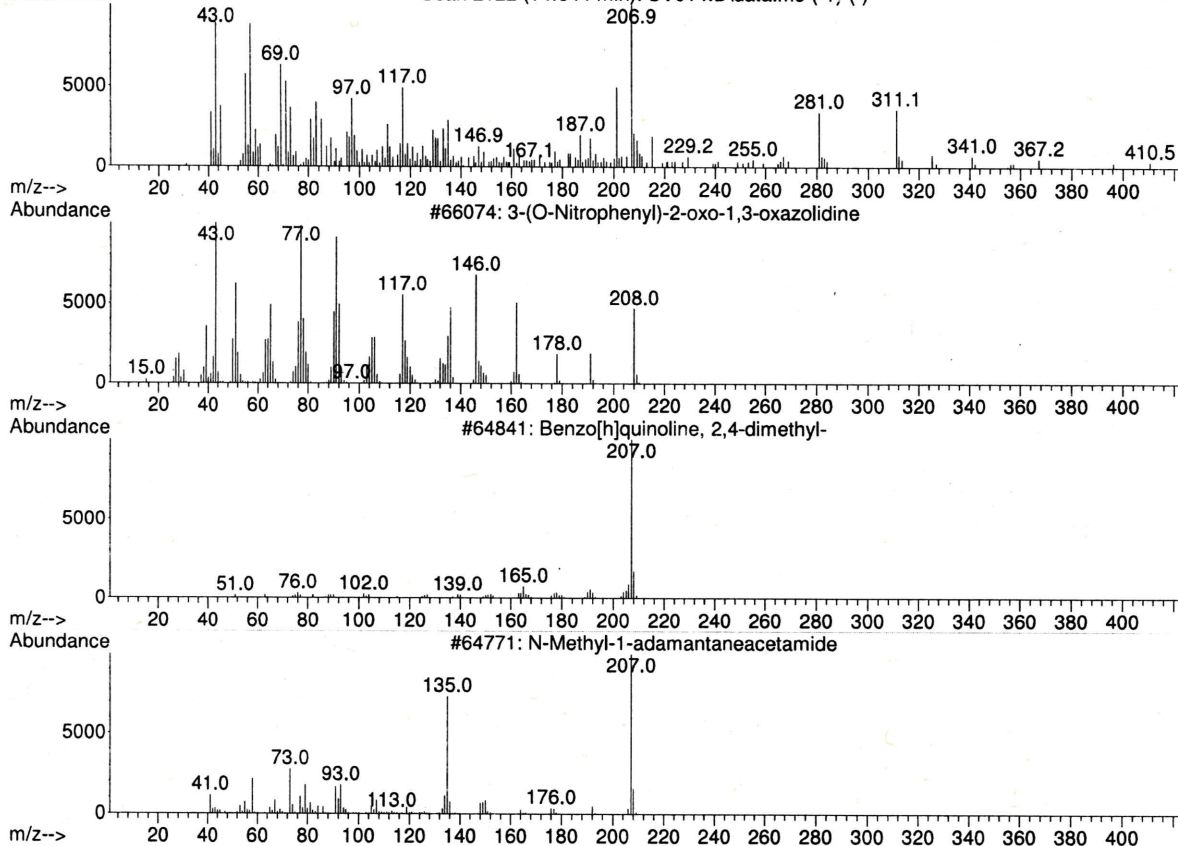
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 50 at 14.612 min Area: 635998 Area % 0.19

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 3-Hydroxy-.beta.-damascone	65455	102488-09-5	38
2 Squalene	198697	007683-64-9	32
3 p-Menthon-8-thiol	48669	033281-91-3	16

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2122 (14.644 min): SV014.D\data.ms (-1) (-)



m/z 206.95 100.00%

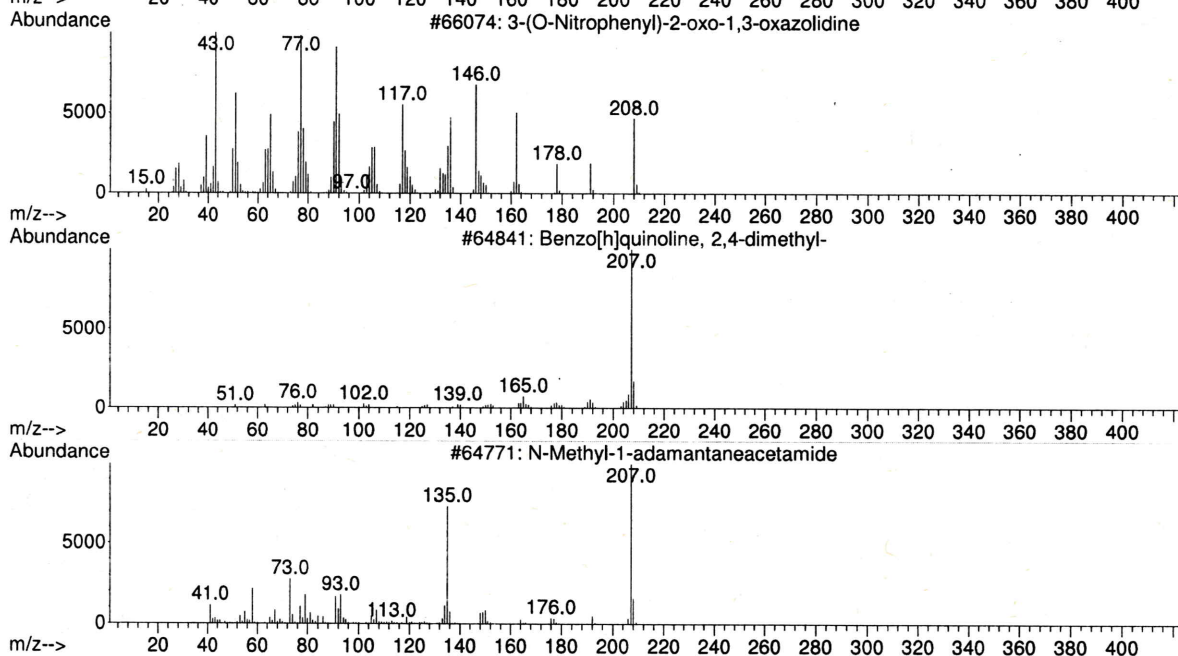
14.40 14.60 14.80 15.00
m/z 43.00 88.59%

14.40 14.60 14.80 15.00
m/z 57.00 88.24%

14.40 14.60 14.80 15.00
m/z 69.00 63.42%

14.40 14.60 14.80 15.00
m/z 55.00 57.83%

14.40 14.60 14.80 15.00



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 51 at 14.644 min Area: 684967 Area % 0.21

The 3 best hits from each library.

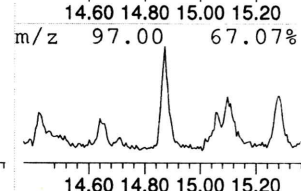
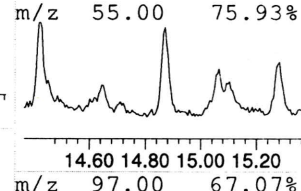
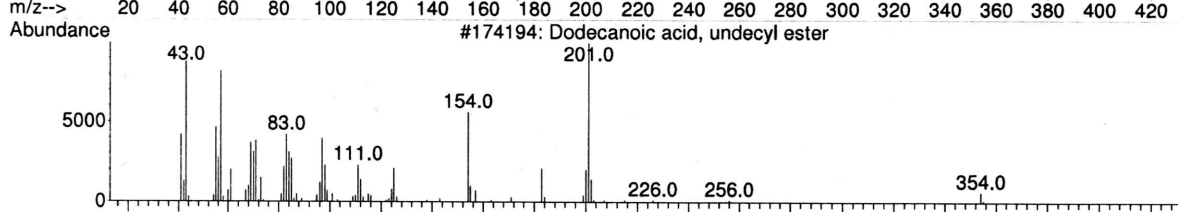
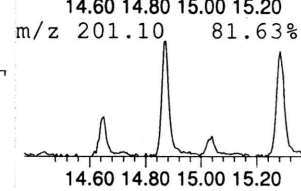
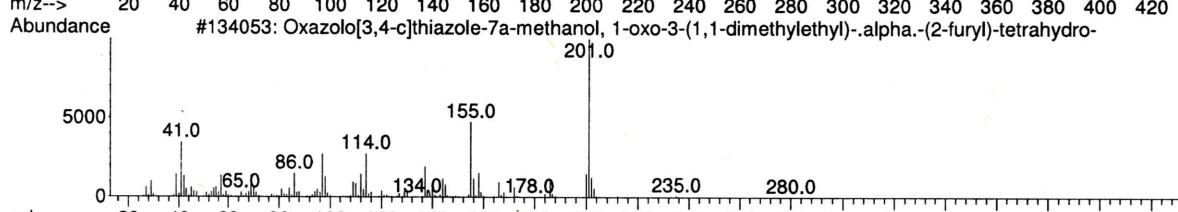
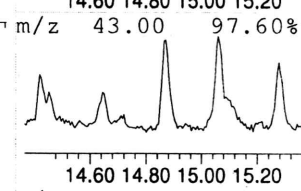
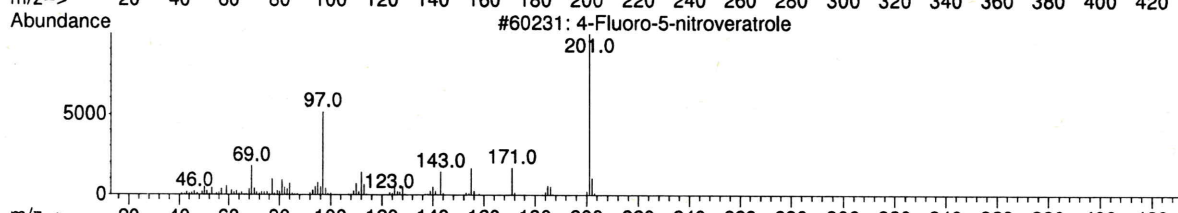
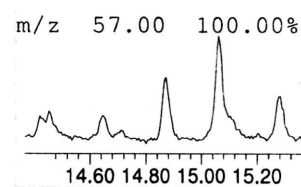
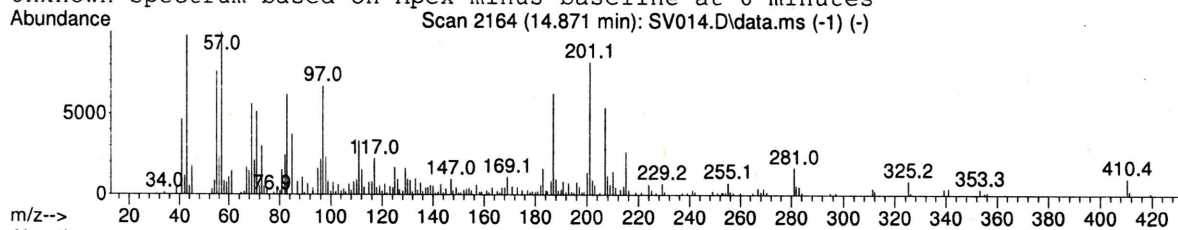
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	090417-72-4	25
2	000605-67-4	18
3	031897-93-5	18

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2164 (14.871 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 52 at 14.871 min Area: 2223160 Area % 0.67

The 3 best hits from each library.

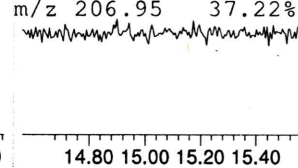
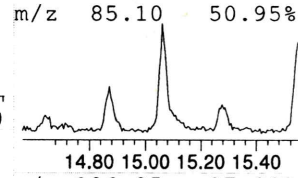
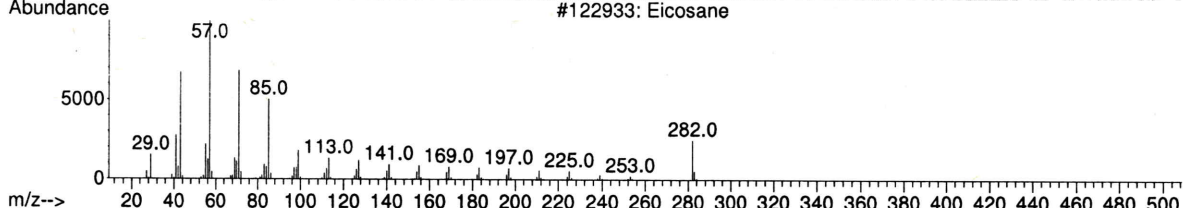
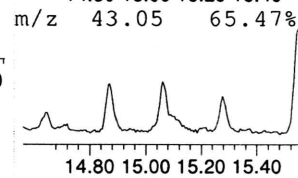
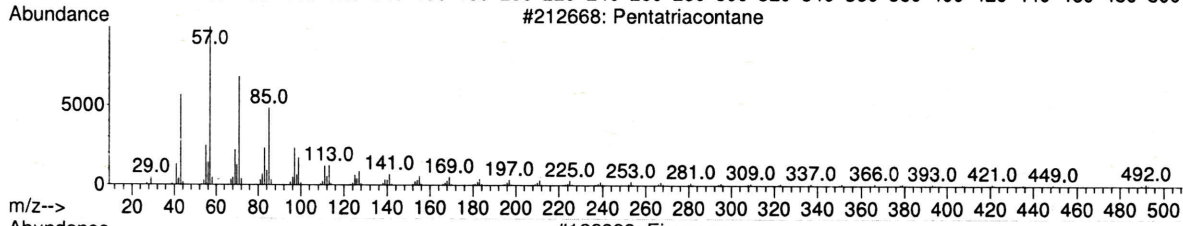
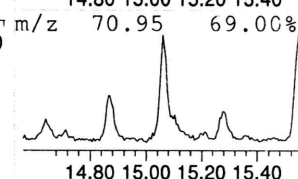
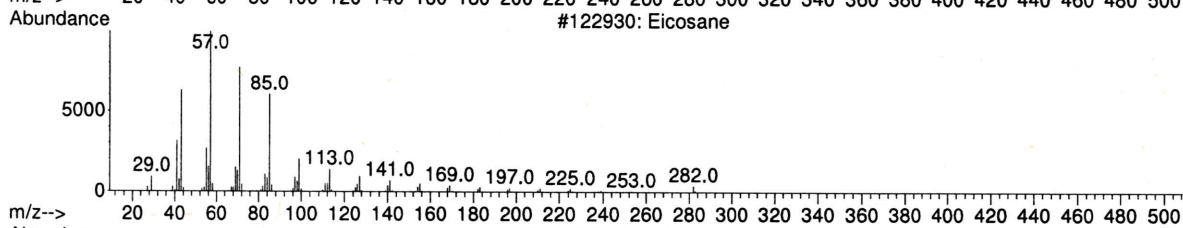
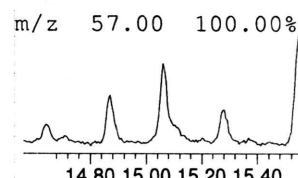
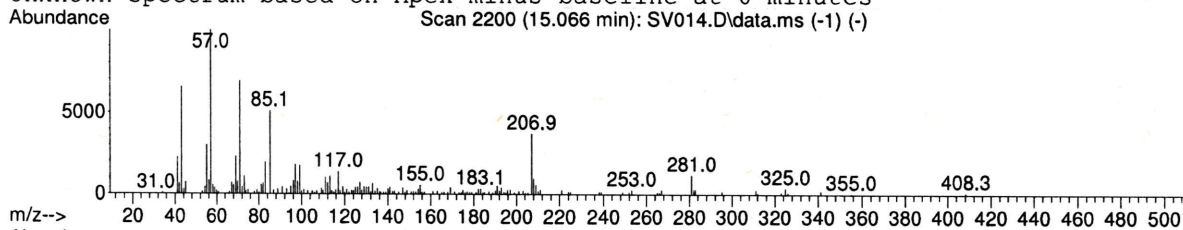
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	60231 1000257-02-6	38
2	134053 1000195-81-0	22
3	174194 003658-44-4	22

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2200 (15.066 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 53 at 15.066 min Area: 1514371 Area % 0.46

The 3 best hits from each library.

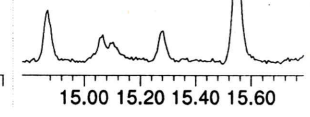
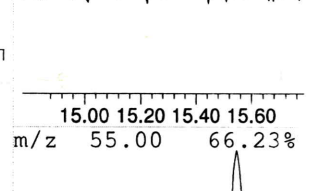
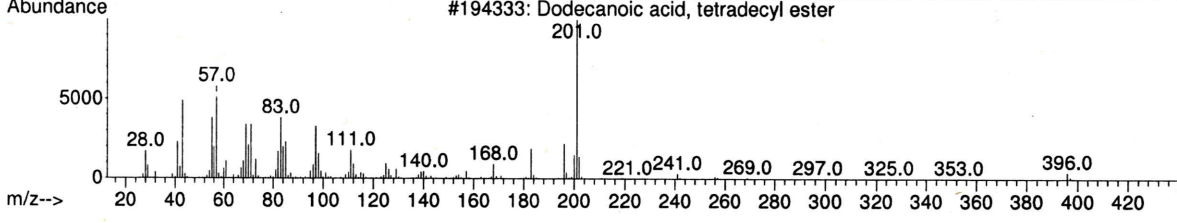
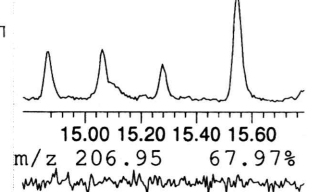
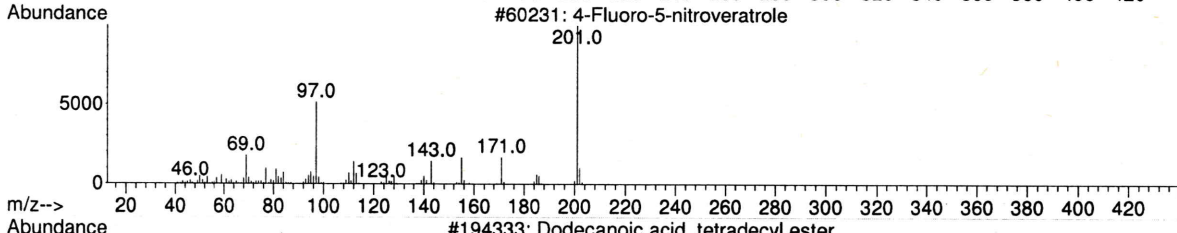
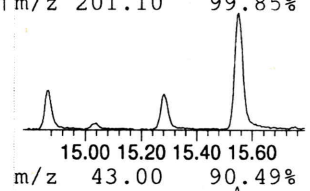
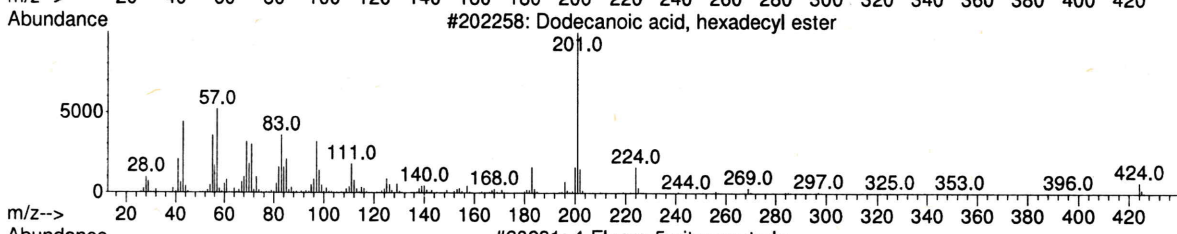
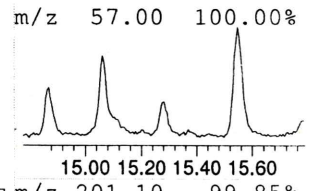
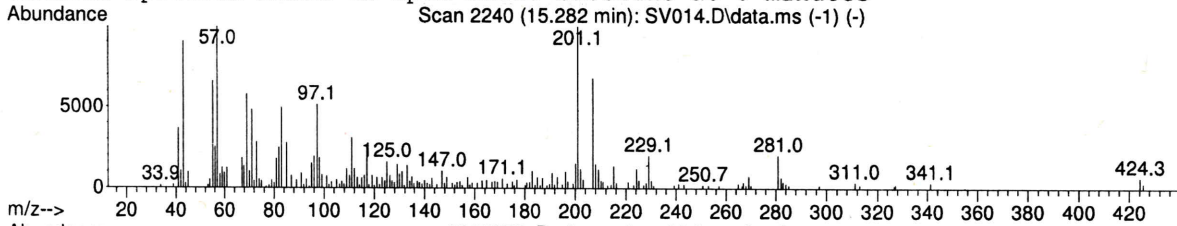
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	122930 000112-95-8	91
2	212668 000630-07-9	58
3	122933 000112-95-8	55

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

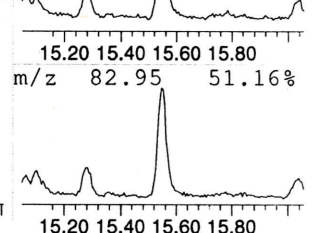
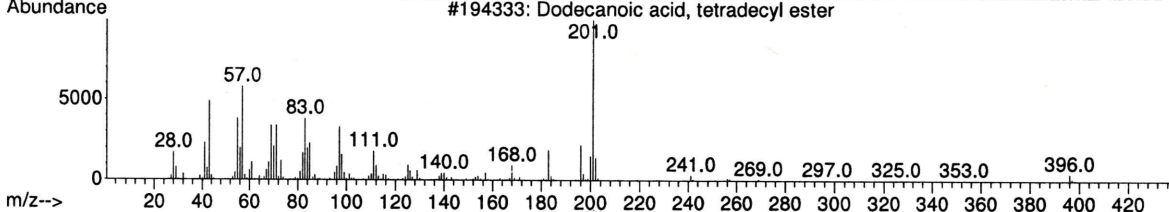
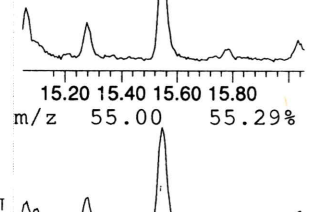
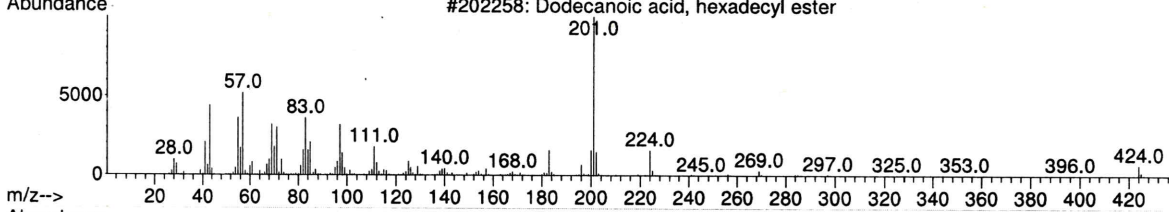
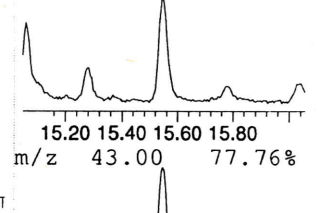
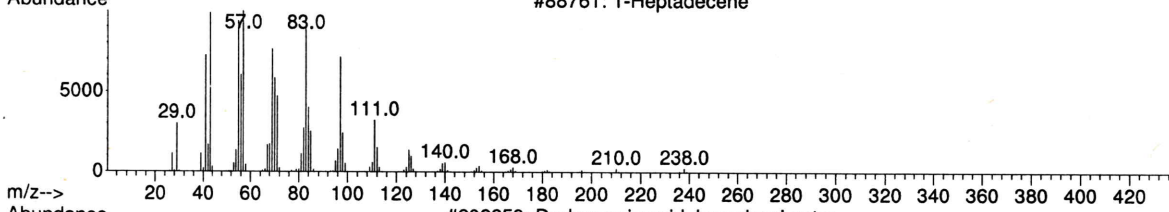
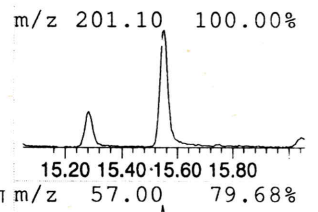
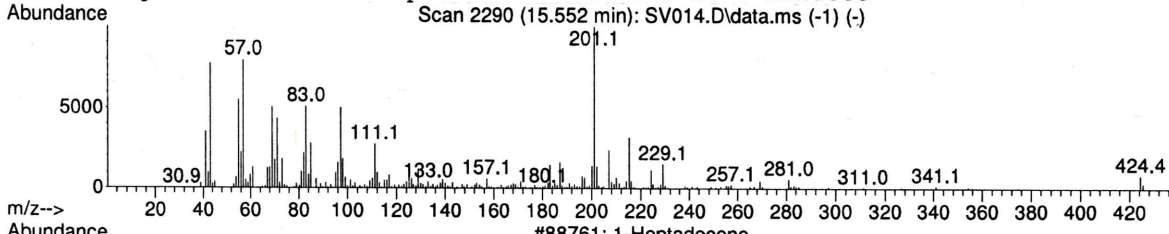
Peak Number: 54 at 15.282 min Area: 1561006 Area % 0.47

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1	Dodecanoic acid, hexadecyl ester	202258 020834-06-4	50
2	4-Fluoro-5-nitroveratrole	60231 1000257-02-6	46
3	Dodecanoic acid, tetradecyl ester	194333 022412-97-1	30

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2290 (15.552 min): SV014.D\data.ms (-) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 55 at 15.552 min Area: 4952847 Area % 1.49

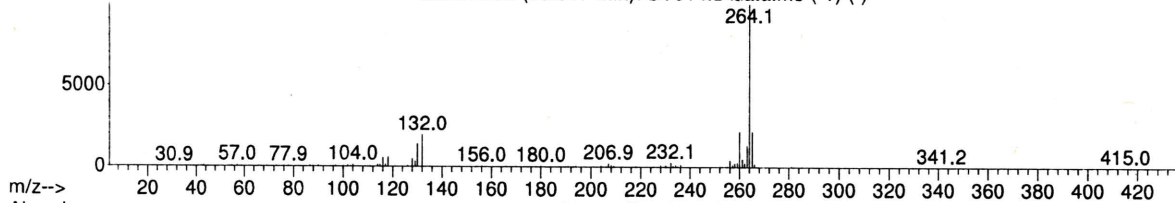
The 3 best hits from each library.

Ref\#	CAS\#	Qual

C:\Database\NIST08.L		
1	1-Heptadecene	88761 006765-39-5 80
2	Dodecanoic acid, hexadecyl ester	202258 020834-06-4 64
3	Dodecanoic acid, tetradecyl ester	194333 022412-97-1 58

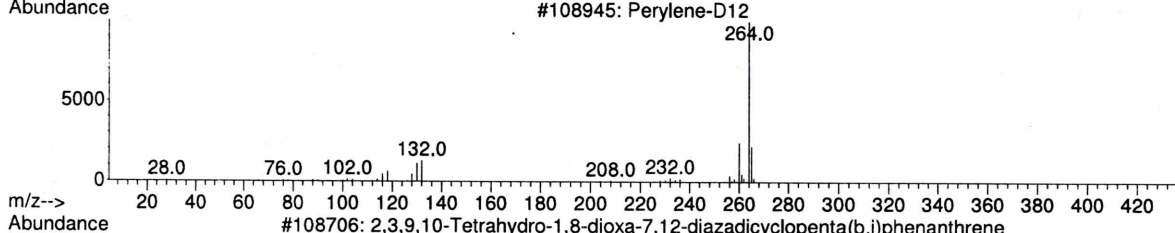
Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2302 (15.617 min): SV014.D\data.ms (-1) (-)

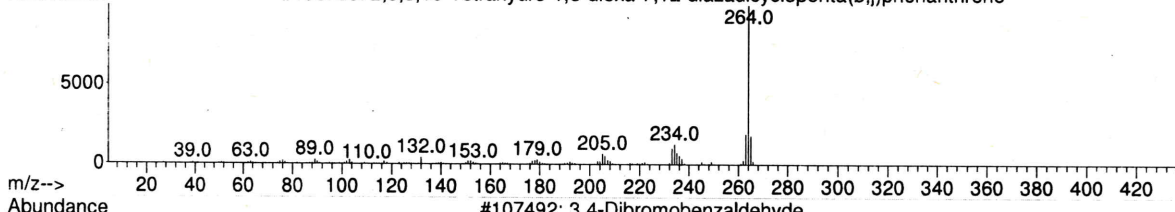


m/z 264.10 100.00%

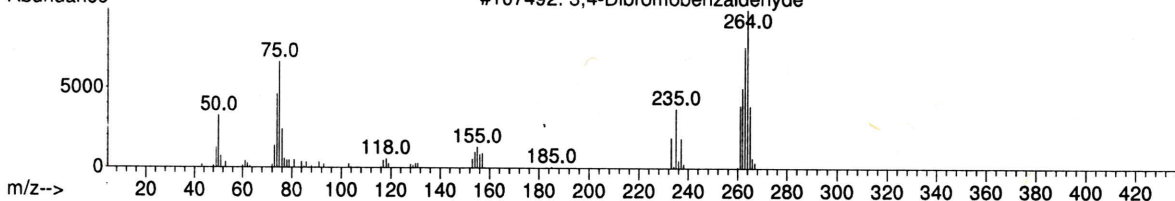
15.20 15.40 15.60 15.80 16.00
m/z 260.10 22.14%



15.20 15.40 15.60 15.80 16.00
m/z 265.10 21.90%



15.20 15.40 15.60 15.80 16.00
m/z 132.00 19.56%



15.20 15.40 15.60 15.80 16.00
m/z 130.00 13.99%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 56 at 15.617 min Area: 12079659 Area % 3.64

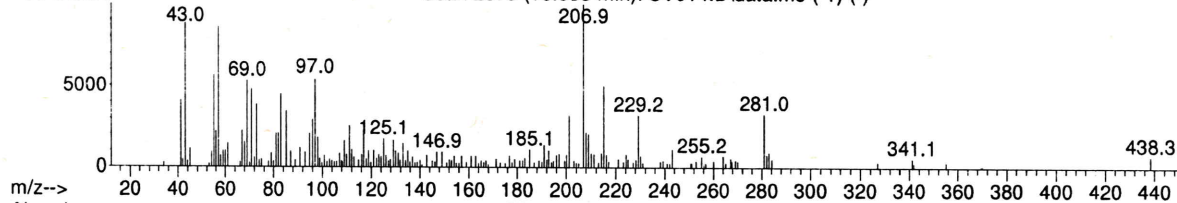
The 3 best hits from each library. Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	108945 001520-96-3	98
2	2,3,9,10-Tetrahydro-1,8-dioxo-7,...	58
3	3,4-Dibromobenzaldehyde	52

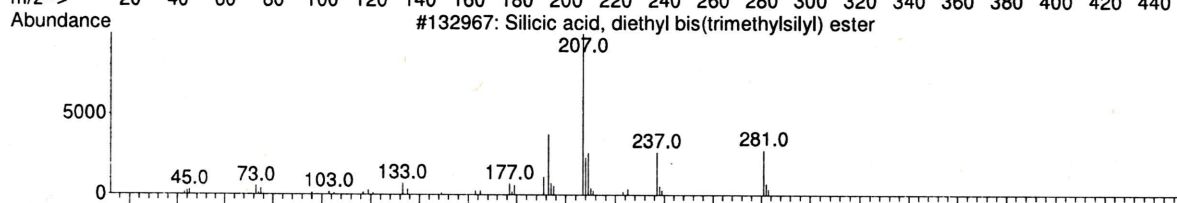
Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2379 (16.033 min): SV014.D\data.ms (-1) (-)

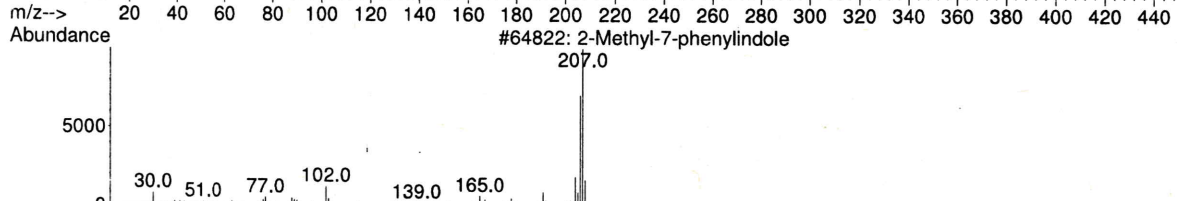


m/z 206.95 100.00%

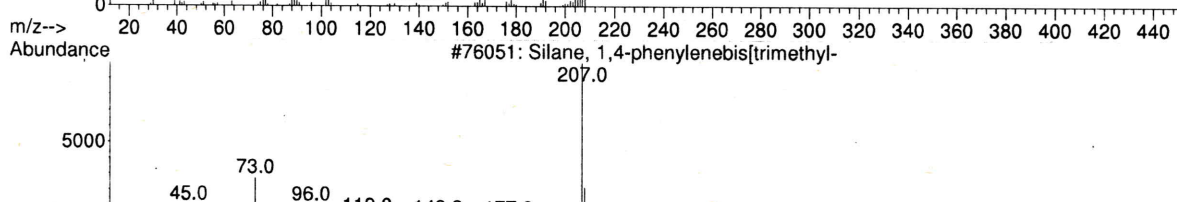
15.80 16.00 16.20 16.40
m/z 43.05 88.18%



15.80 16.00 16.20 16.40
m/z 57.00 85.81%



15.80 16.00 16.20 16.40
m/z 55.00 56.78%



15.80 16.00 16.20 16.40
m/z 97.00 55.05%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

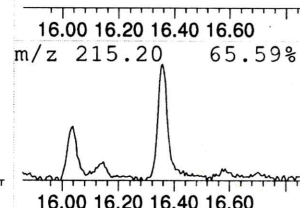
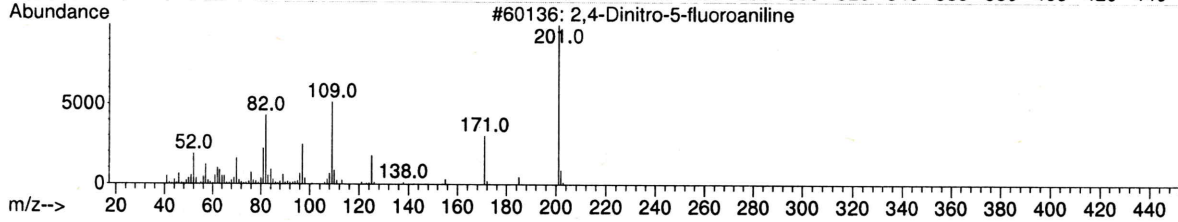
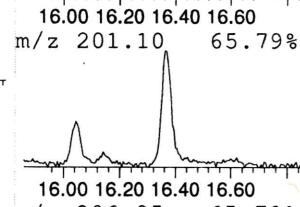
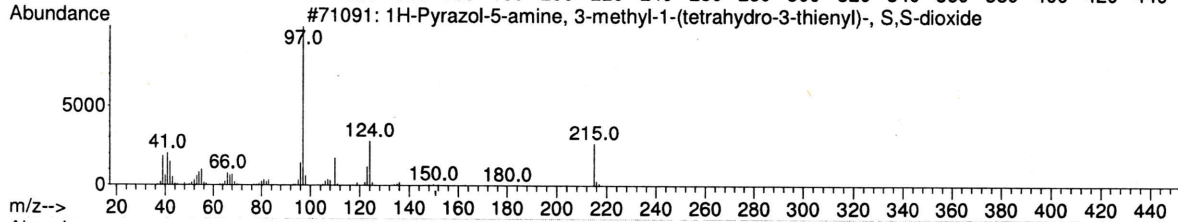
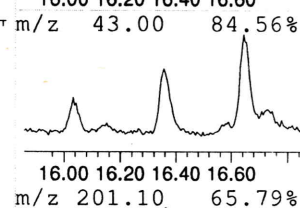
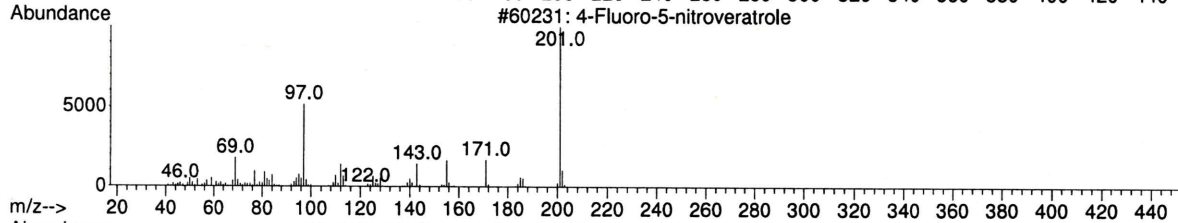
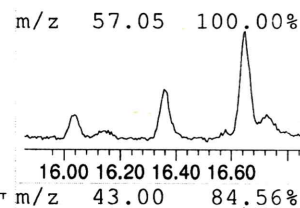
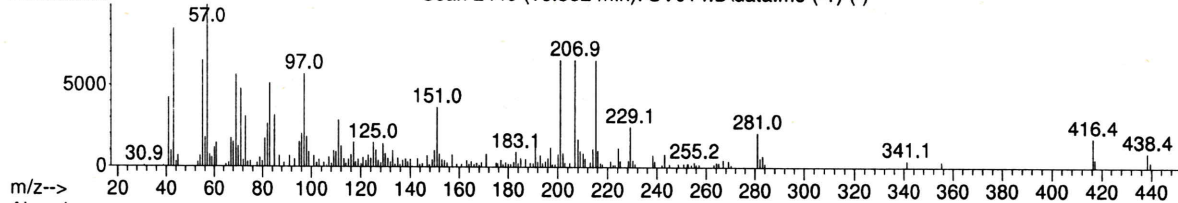
Peak Number: 57 at 16.033 min Area: 1016871 Area % 0.31

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 Silicic acid, diethyl bis(trimet...	132967	003555-45-1	38
2 2-Methyl-7-phenylindole	64822	001140-08-5	25
3 Silane, 1,4-phenylenebis(trimethyl-	76051	013183-70-5	22

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2440 (16.362 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 58 at 16.362 min Area: 2662334 Area % 0.80

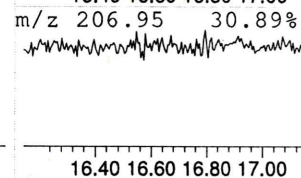
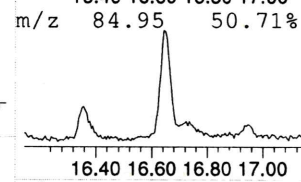
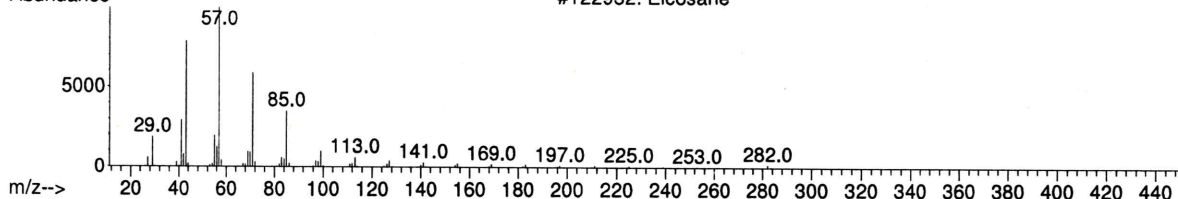
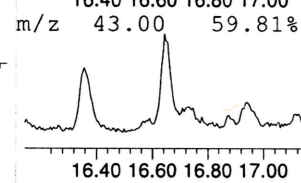
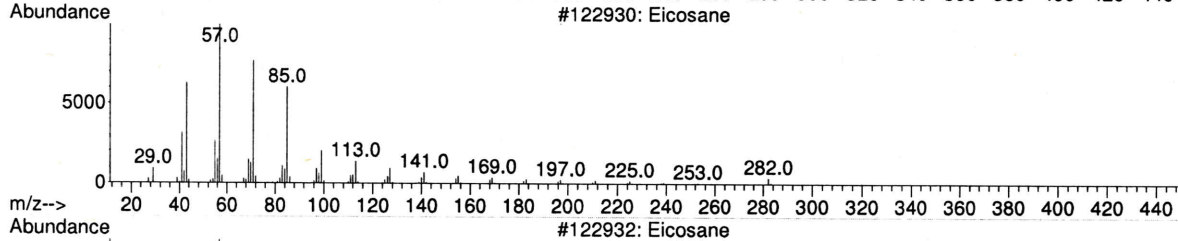
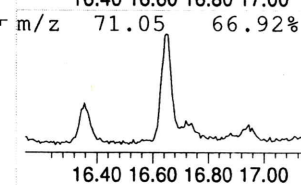
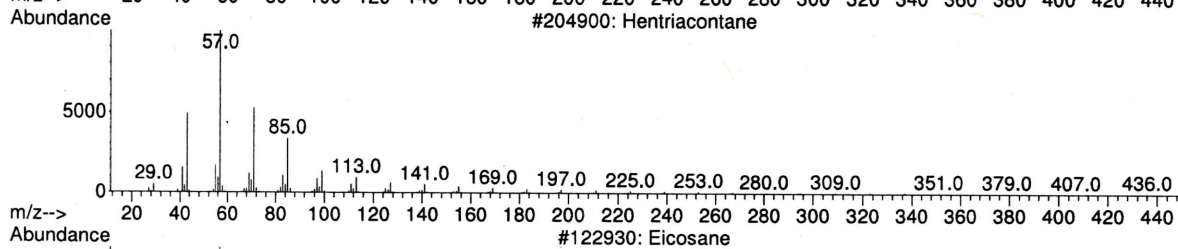
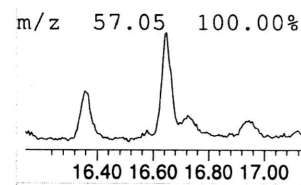
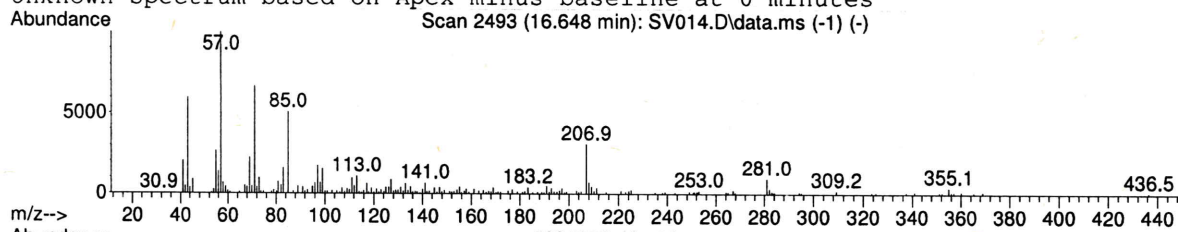
The 3 best hits from each library.

Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	4-Fluoro-5-nitroveratrole	60231 1000257-02-6 25
2	1H-Pyrazol-5-amine, 3-methyl-1-(...	71091 1000349-93-1 12
3	2,4-Dinitro-5-fluoroaniline	60136 000367-81-7 11

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 59 at 16.648 min Area: 2002512 Area % 0.60

The 3 best hits from each library.

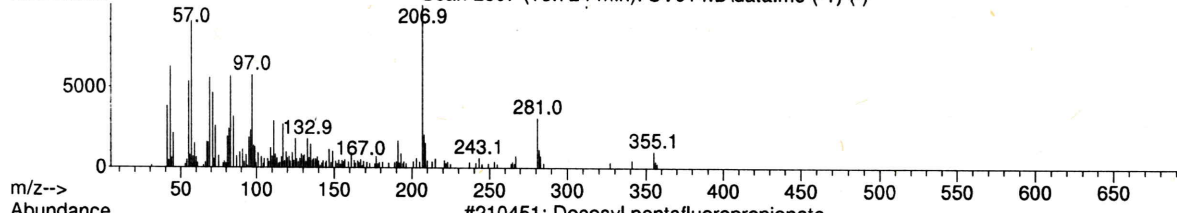
Ref\# CAS\# Qual

C:\Database\NIST08.L

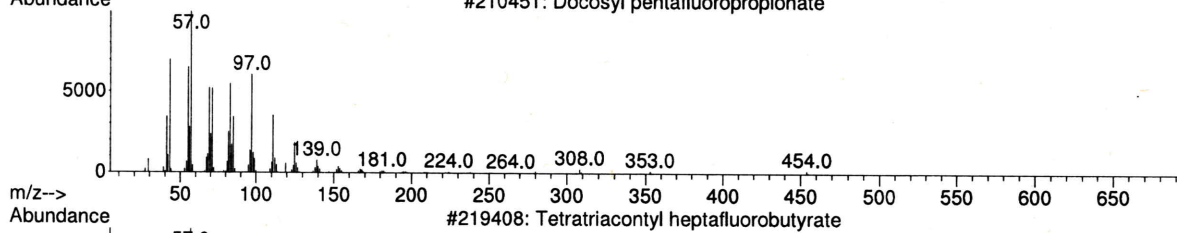
Ref\#	CAS\#	Qual
1	204900	98
2	122930	98
3	122932	93

Library Search Report - ChemStation Integrator

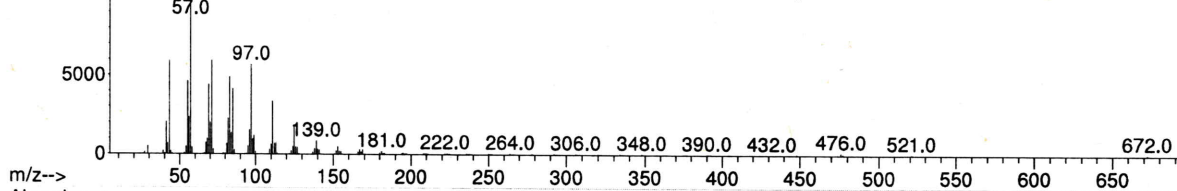
Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2507 (16.724 min): SV014.D\data.ms (-) (-)



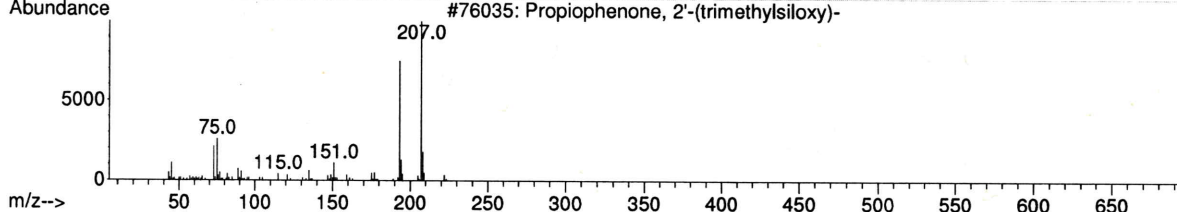
m/z 206.95 100.00%



16.40 16.60 16.80 17.00
m/z 57.00 89.66%



16.40 16.60 16.80 17.00
m/z 43.00 62.62%



16.40 16.60 16.80 17.00
m/z 97.00 57.71%

16.40 16.60 16.80 17.00
m/z 82.95 56.86%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 60 at 16.724 min Area: 1122687 Area % 0.34

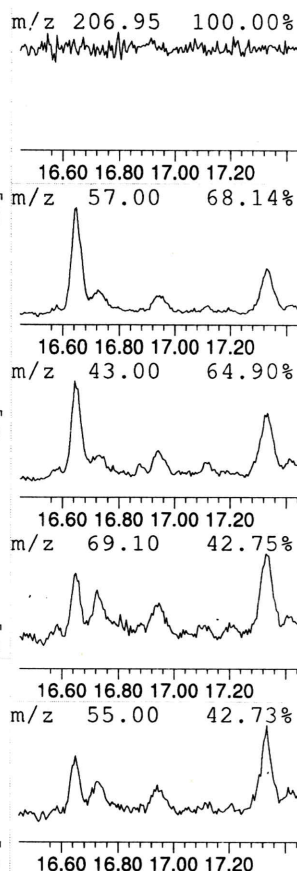
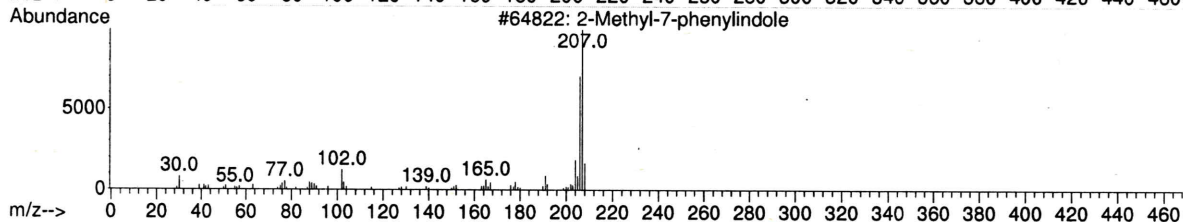
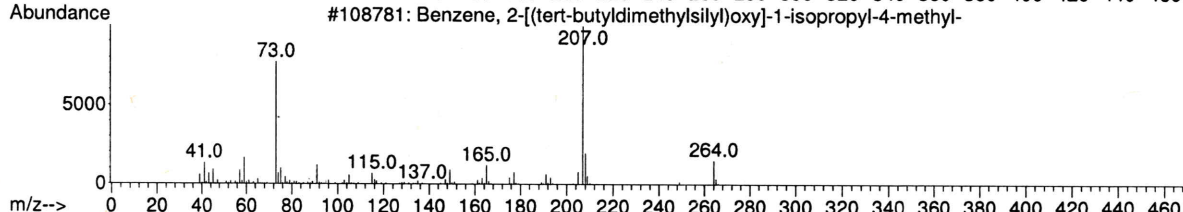
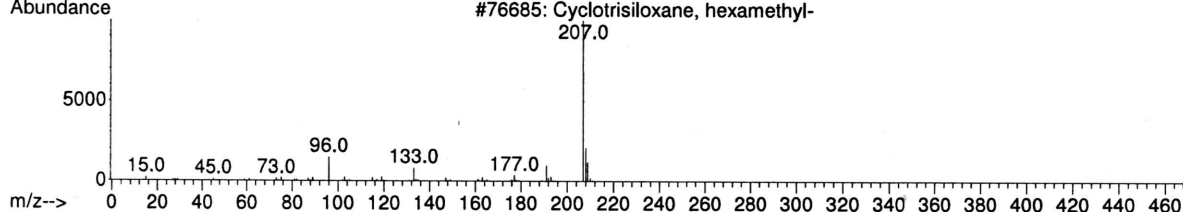
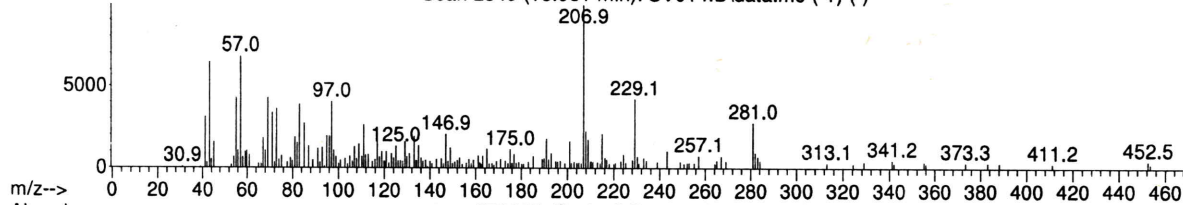
The 3 best hits from each library.

	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 Docosyl pentafluoropropionate	210451	1000351-80-9	38
2 Tetratriacontyl heptafluorobutyrate	219408	1000351-84-1	38
3 Propiophenone, 2'-(trimethylsilo...	76035	033342-87-9	38

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
 Scan 2549 (16.951 min): SV014.D\data.ms (-) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

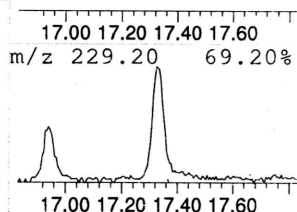
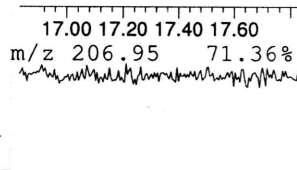
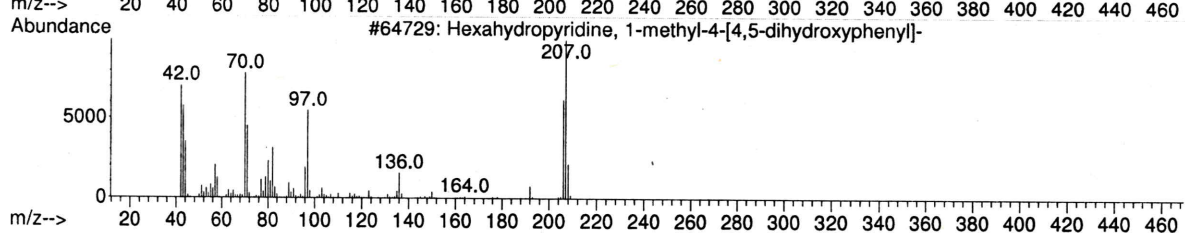
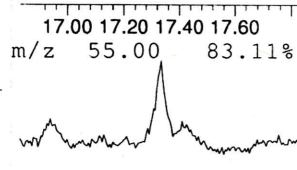
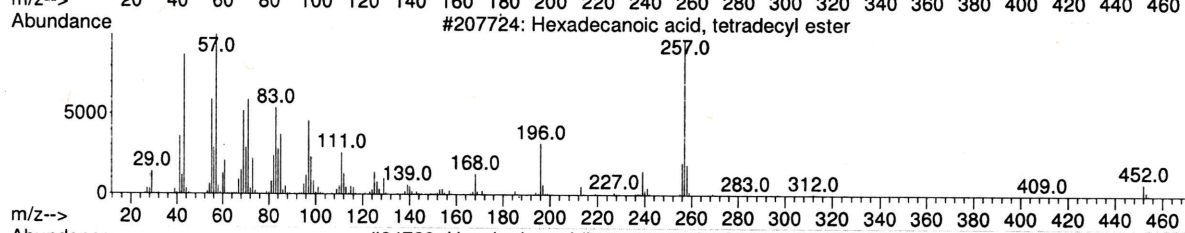
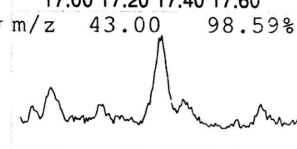
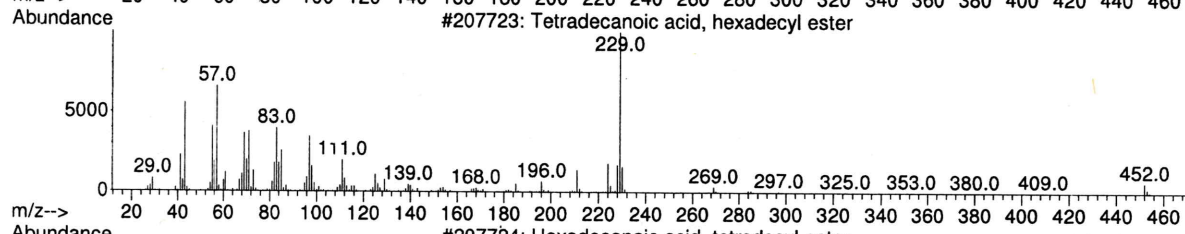
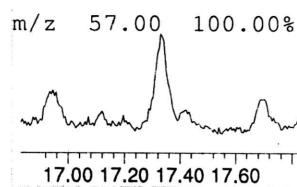
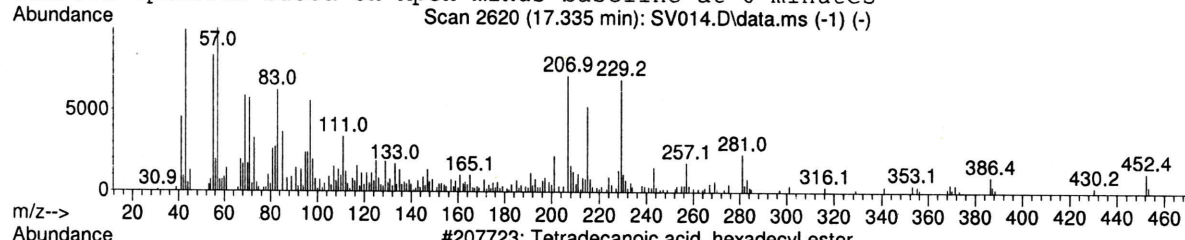
Peak Number: 61 at 16.951 min Area: 840251 Area % 0.25

The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	76685	35
2	108781	30
3	64822	25

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2620 (17.335 min): SV014.D\data.ms (-1) (-)



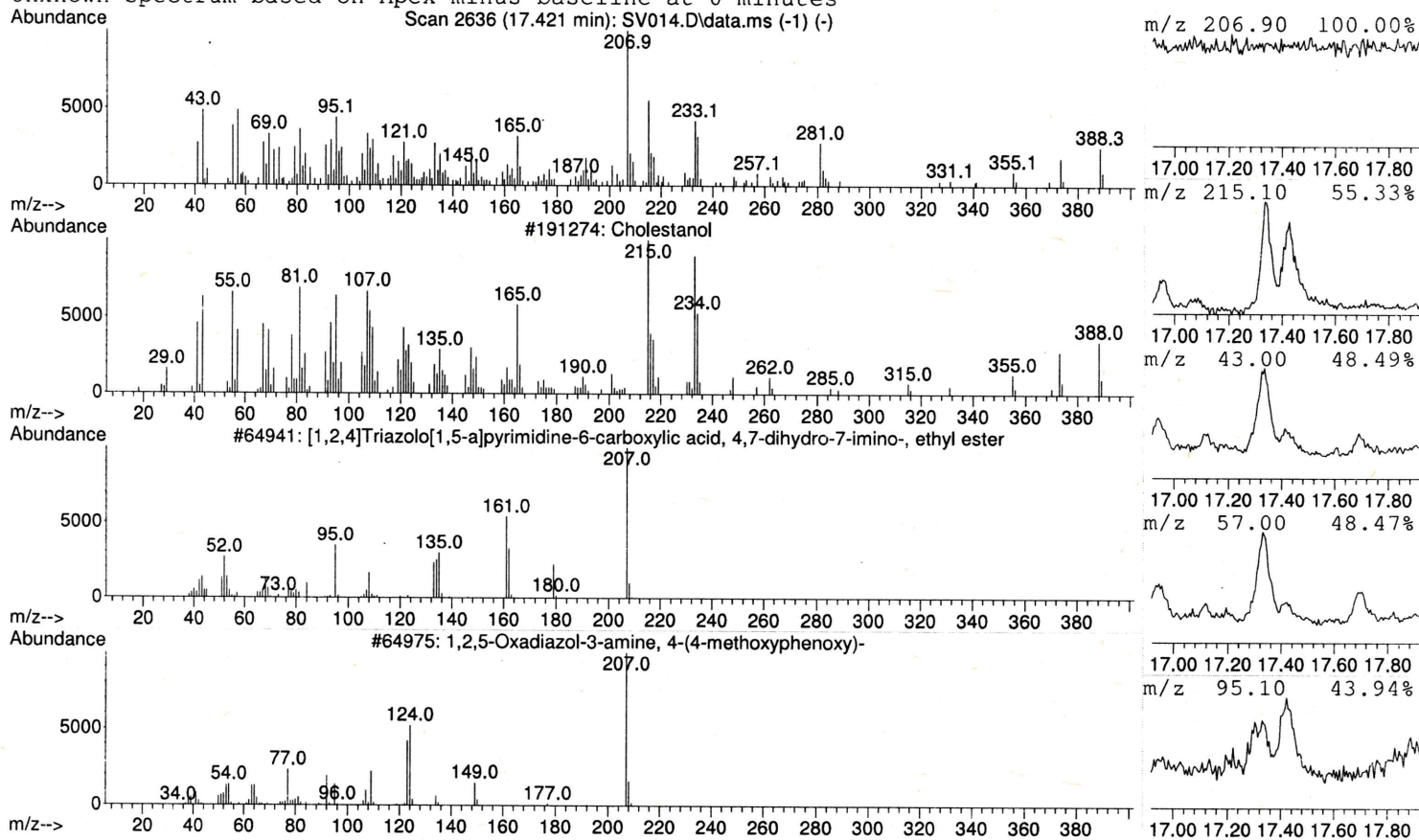
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 62 at 17.335 min Area: 3499658 Area % 1.06

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Tetradecanoic acid, hexadecyl ester	207723	002599-01-1	46
2 Hexadecanoic acid, tetradecyl ester	207724	004536-26-9	44
3 Hexahydropyridine, 1-methyl-4-[4...	64729	094427-47-1	38

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 63 at 17.421 min Area: 1847661 Area % 0.56

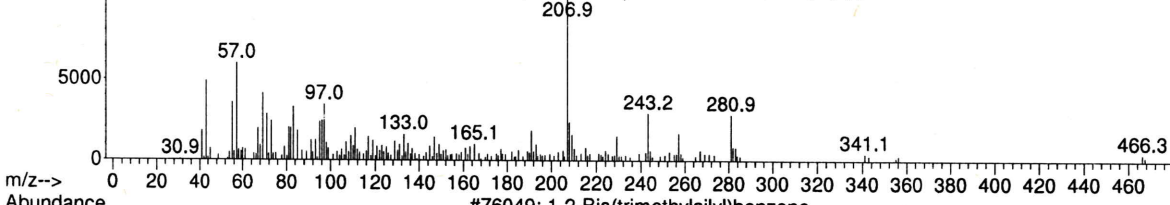
The 3 best hits from each library.

Ref\#	CAS\#	Qual

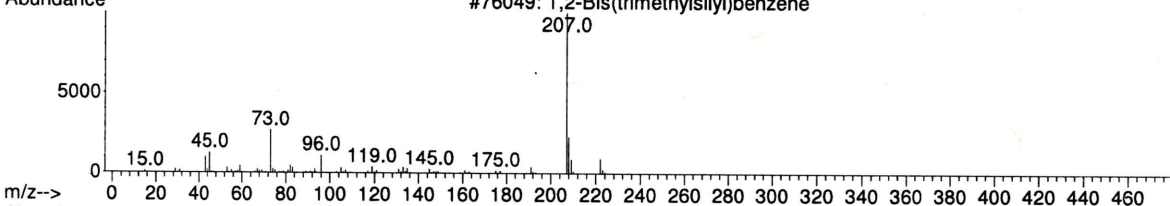
C:\Database\NIST08.L		
1	191274 000080-97-7	97
2	[1,2,4]Triazolo[1,5-a]pyrimidine...	27
3	1,2,5-Oxadiazol-3-amine, 4-(4-me...	25

Library Search Report - ChemStation Integrator

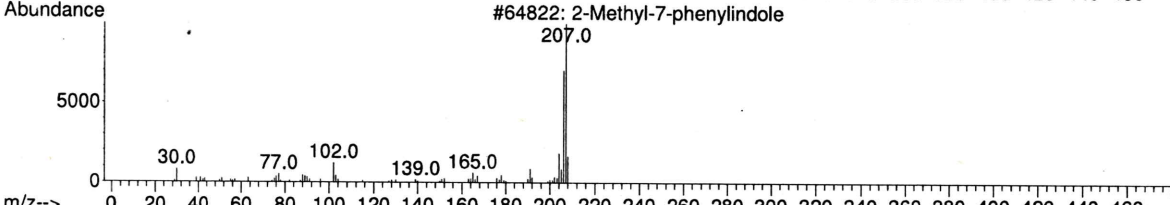
Unknown Spectrum based on Apex minus baseline at 0 minutes
 Scan 2751 (18.042 min): SV014.D\data.ms (-1) (-)



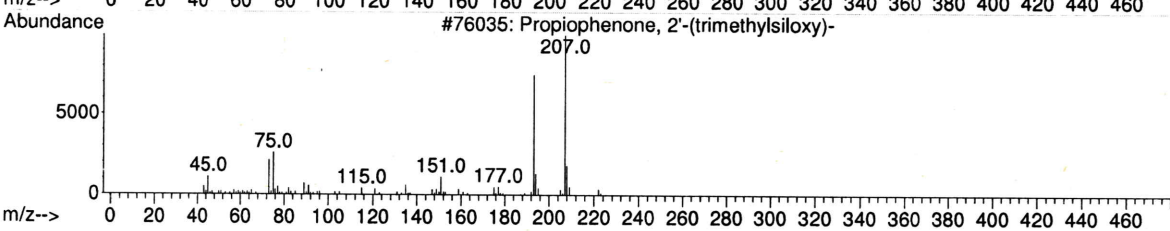
m/z 206.95 100.00%



m/z 17.80 18.00 18.20 18.40
 m/z 57.05 59.66%



m/z 17.80 18.00 18.20 18.40
 m/z 43.00 49.08%



m/z 17.80 18.00 18.20 18.40
 m/z 69.00 41.38%

m/z 17.80 18.00 18.20 18.40
 m/z 55.00 35.61%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 64 at 18.042 min Area: 807656 Area % 0.24

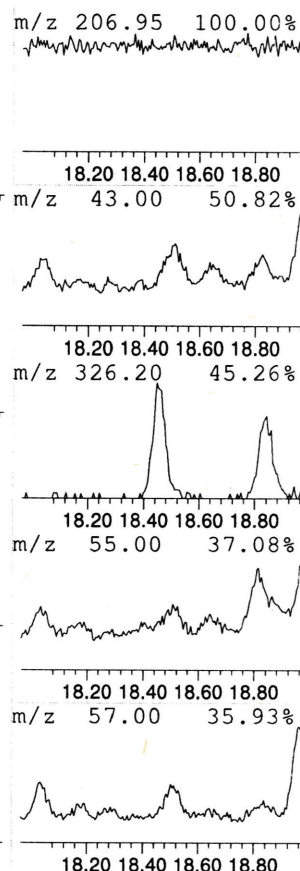
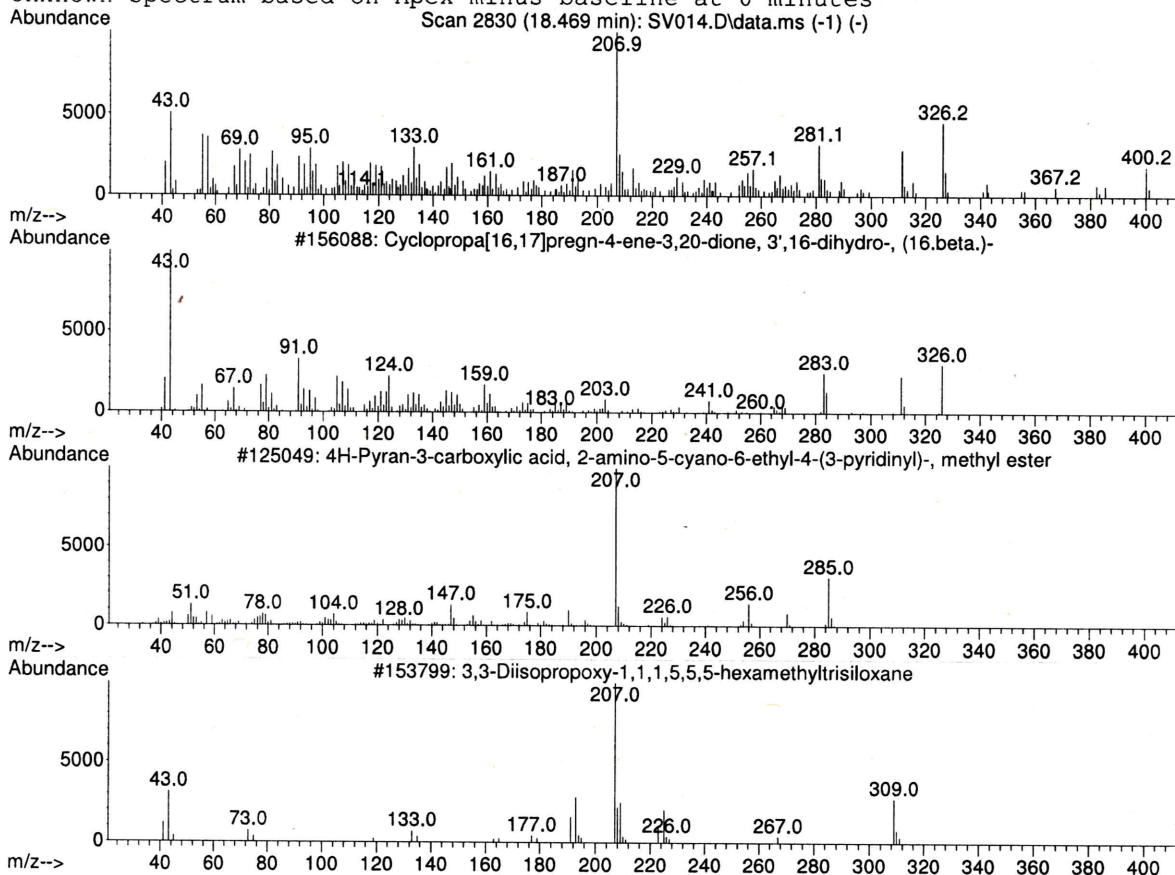
The 3 best hits from each library.

	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 1,2-Bis(trimethylsilyl)benzene	76049	017151-09-6	46
2 2-Methyl-7-phenylindole	64822	001140-08-5	38
3 Propiophenone, 2'-(trimethylsilo...	76035	033342-87-9	38

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

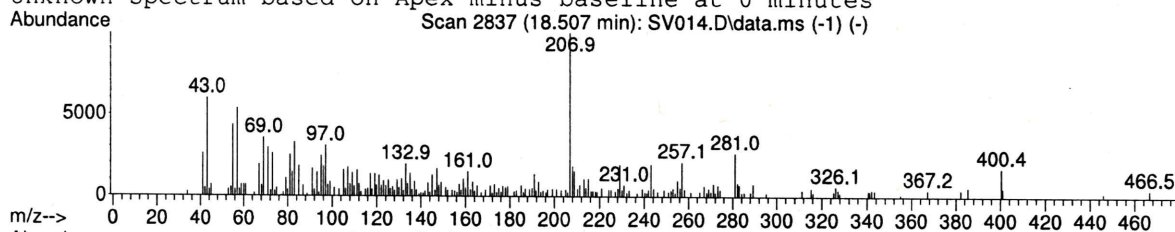
Peak Number: 65 at 18.469 min Area: 2190875 Area % 0.66

The 3 best hits from each library.

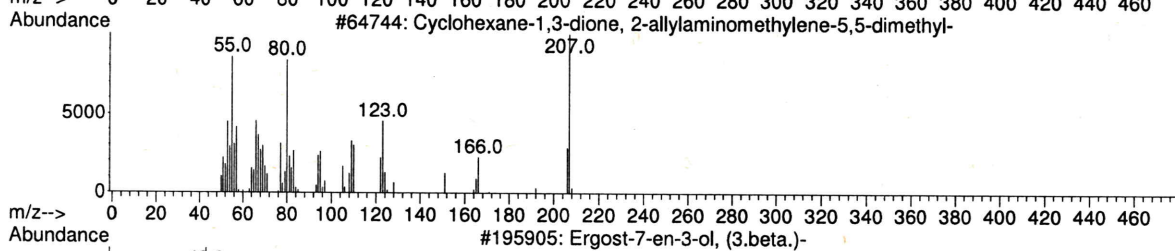
Ref\#	CAS\#	Qual
C:\Database\NIST08.L		
1	Cyclopropra[16,17]pregn-4-ene-3,2...	156088 002205-92-7 45
2	4H-Pyran-3-carboxylic acid, 2-am...	125049 1000350-12-2 38
3	3,3-Diisopropoxy-1,1,1,5,5,5-hex...	153799 018082-56-9 35

Library Search Report - ChemStation Integrator

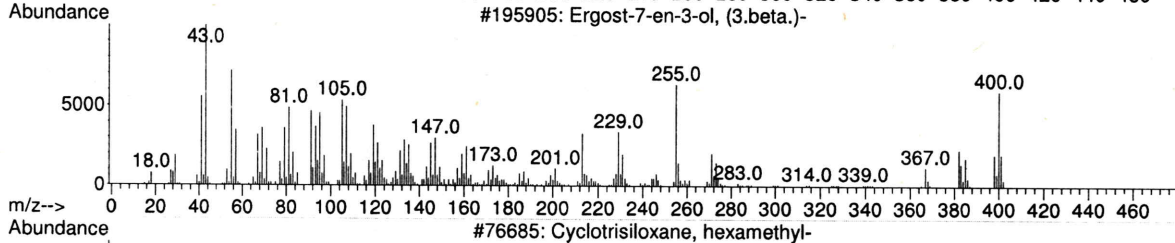
Unknown Spectrum based on Apex minus baseline at 0 minutes



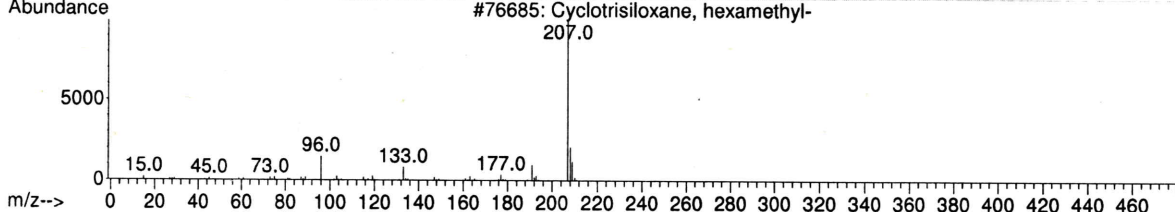
m/z 206.95 100.00%



18.20 18.40 18.60 18.80
m/z 43.00 59.62%



18.20 18.40 18.60 18.80
m/z 57.00 53.71%



18.20 18.40 18.60 18.80
m/z 69.00 35.58%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

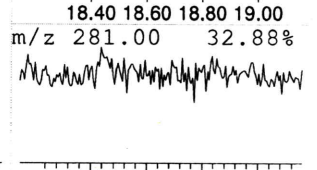
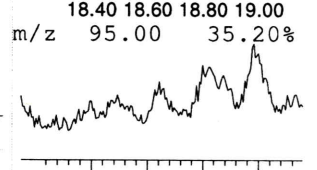
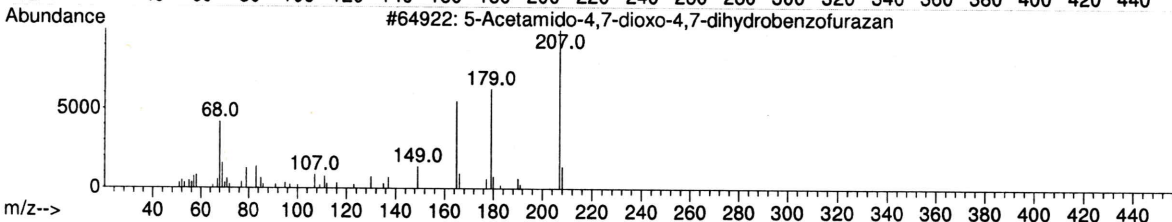
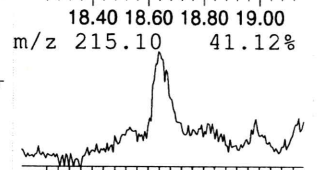
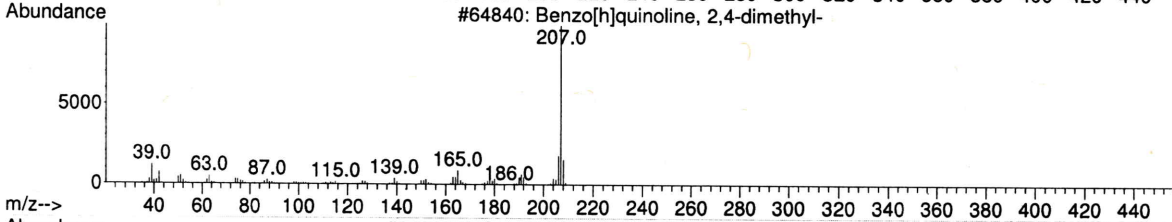
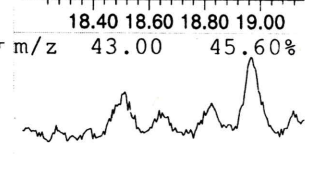
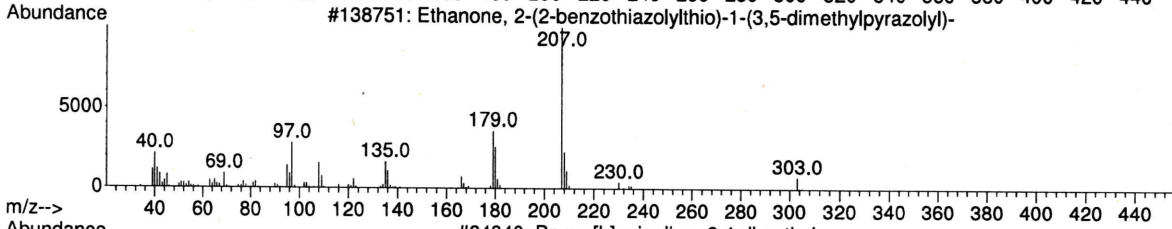
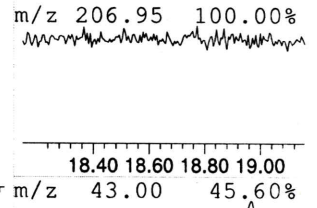
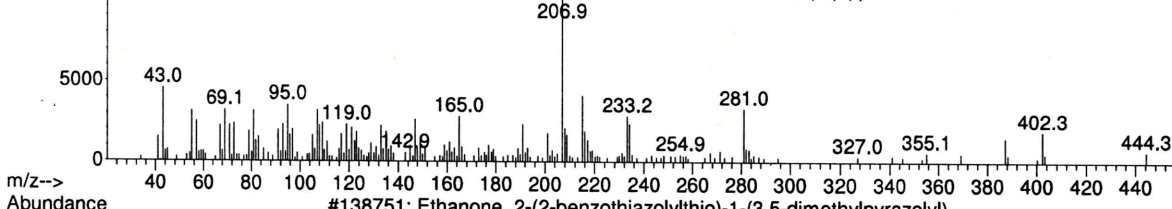
Peak Number: 66 at 18.507 min Area: 1251535 Area % 0.38

The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	64744	92
2	195905	41
3	76685	38

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2864 (18.653 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 67 at 18.653 min Area: 1590459 Area % 0.48

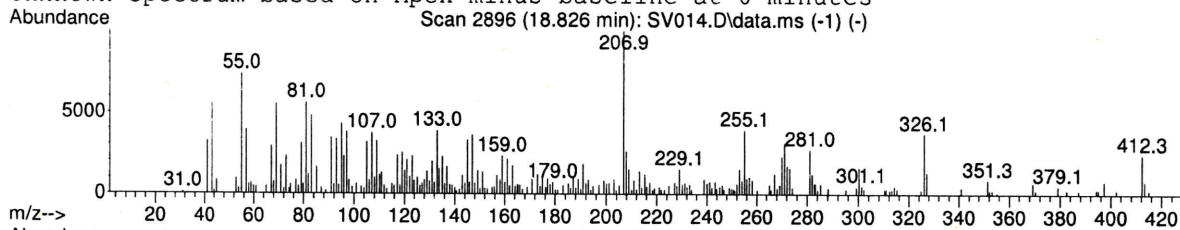
The 3 best hits from each library.

	Ref\#	CAS\#	Qual

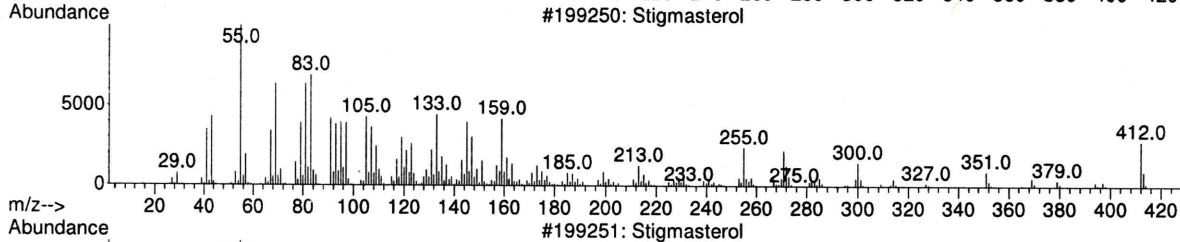
C:\Database\NIST08.L			
1 Ethanone, 2-(2-benzothiazolylthi...	138751	155670-84-1	35
2 Benzo[h]quinoline, 2,4-dimethyl-	64840	000605-67-4	30
3 5-Acetamido-4,7-dioxo-4,7-dihydr...	64922	153136-27-7	30

Library Search Report - ChemStation Integrator

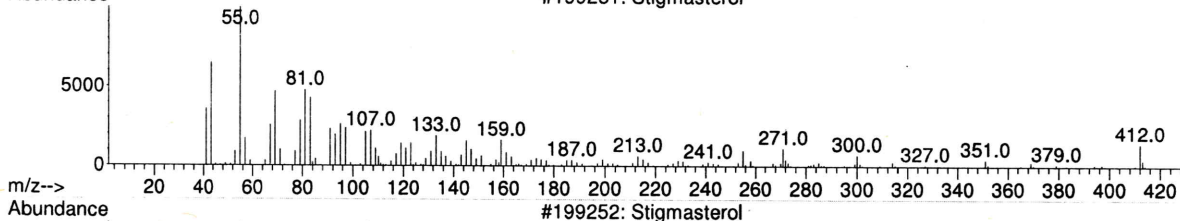
Unknown Spectrum based on Apex minus baseline at 0 minutes



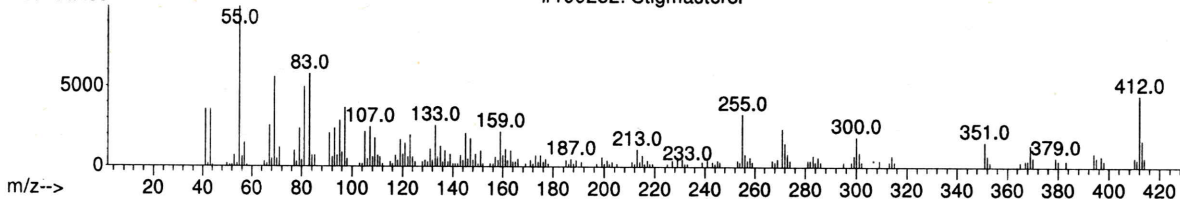
m/z 206.95 100.00%



m/z 18.60 18.80 19.00 19.20
55.05 73.51%



m/z 18.60 18.80 19.00 19.20
43.00 55.81%



m/z 18.60 18.80 19.00 19.20
69.00 55.36%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 68 at 18.826 min Area: 4660257 Area % 1.41

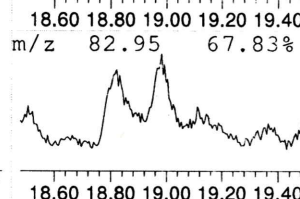
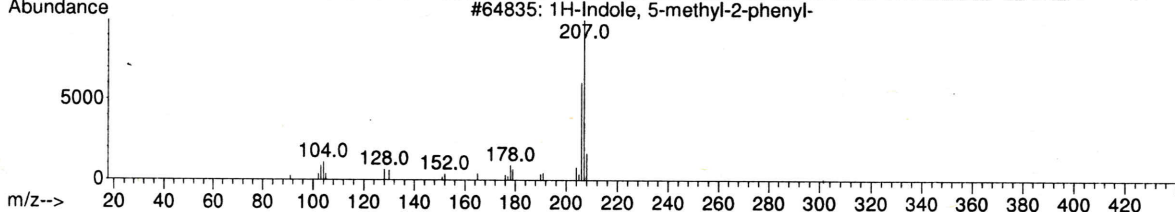
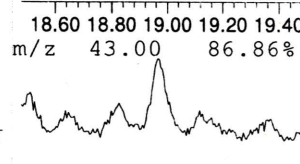
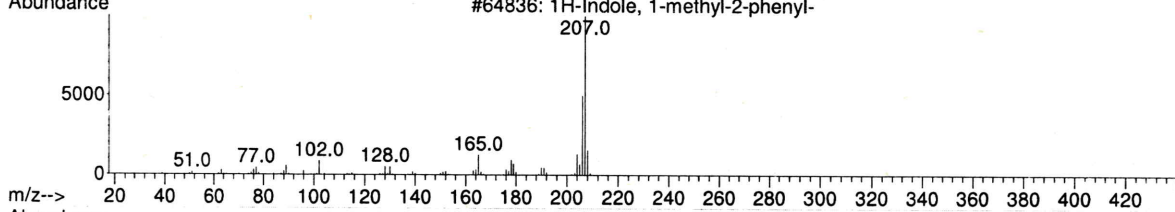
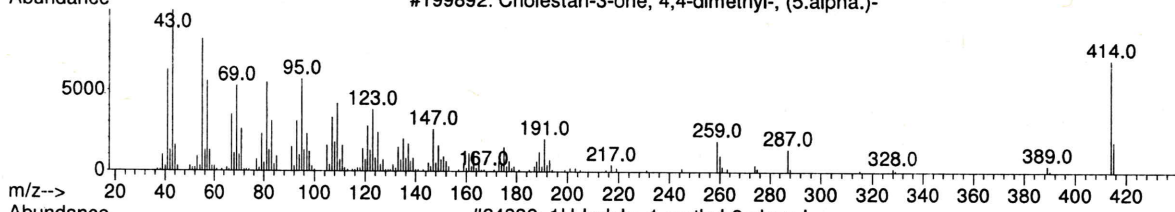
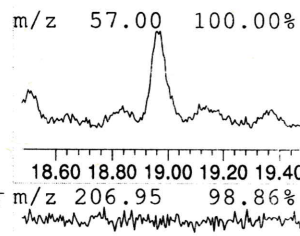
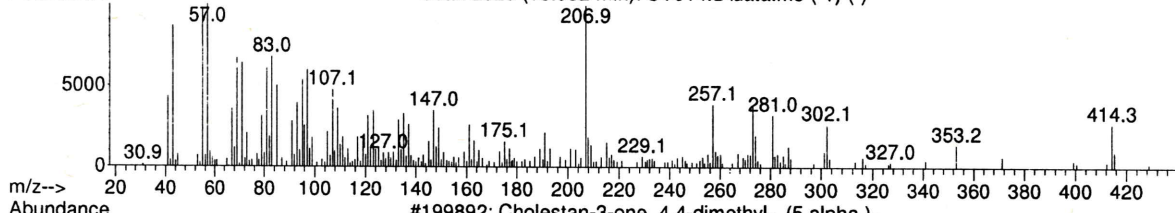
The 3 best hits from each library.

Ref\#	CAS\#	Qual

C:\Database\NIST08.L		
1	199250 000083-48-7	87
2	199251 000083-48-7	86
3	199252 000083-48-7	45

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 2925 (18.982 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

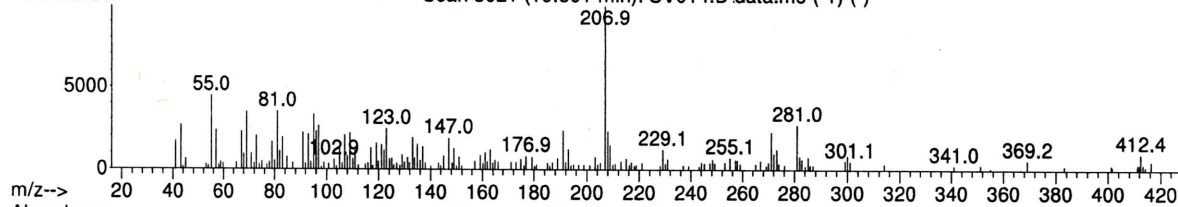
Peak Number: 69 at 18.982 min Area: 4381960 Area % 1.32

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual

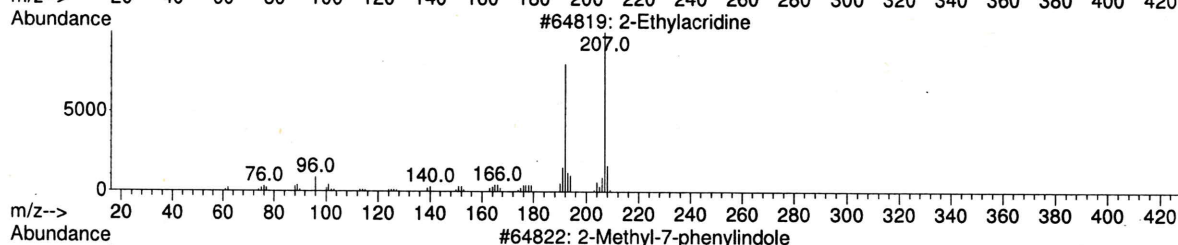
C:\Database\NIST08.L			
1 Cholestan-3-one, 4,4-dimethyl-, ...	199892	002097-85-0	42
2 1H-Indole, 1-methyl-2-phenyl-	64836	003558-24-5	25
3 1H-Indole, 5-methyl-2-phenyl-	64835	013228-36-9	25

Library Search Report - ChemStation Integrator

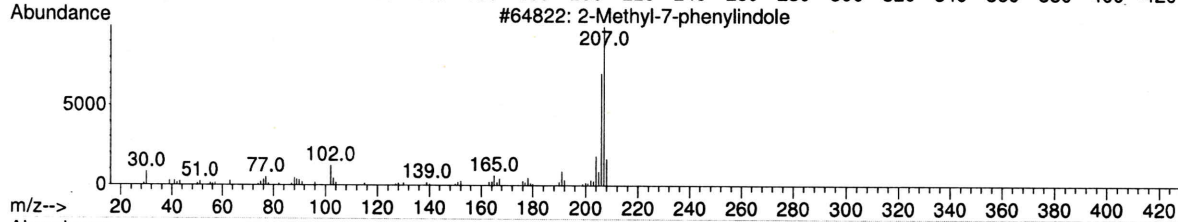
Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 3021 (19.501 min): SV014.D\data.ms (-1) (-)



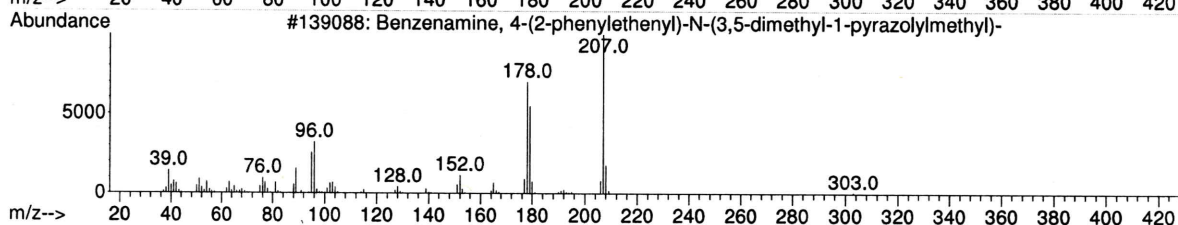
m/z 206.95 100.00%



19.20 19.40 19.60 19.80
m/z 55.00 44.81%



19.20 19.40 19.60 19.80
m/z 80.95 35.12%



19.20 19.40 19.60 19.80
m/z 69.00 34.73%

19.20 19.40 19.60 19.80
m/z 95.00 33.21%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 70 at 19.501 min Area: 1140388 Area % 0.34

The 3 best hits from each library.

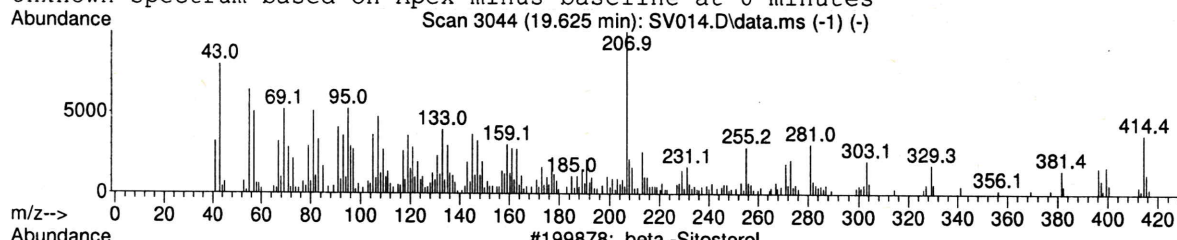
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	64819 055751-83-2	46
2	64822 001140-08-5	43
3	139088 1000260-49-5	43

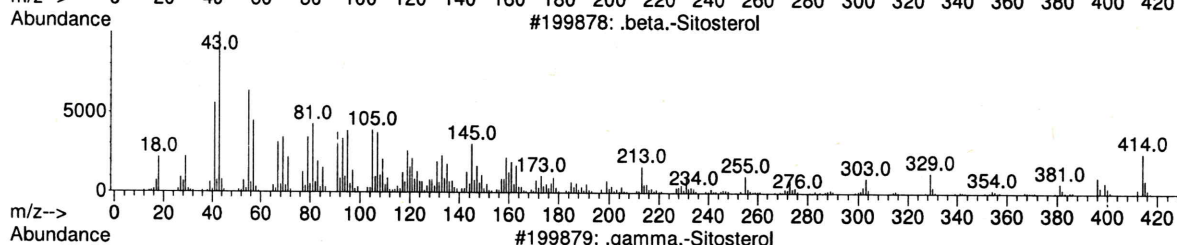
Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes

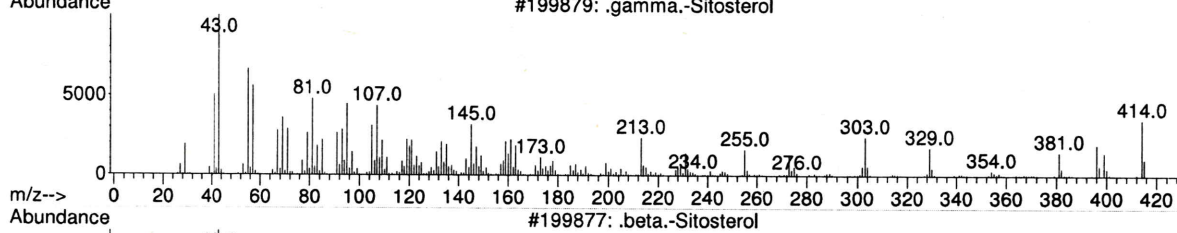


m/z 206.95 100.00%

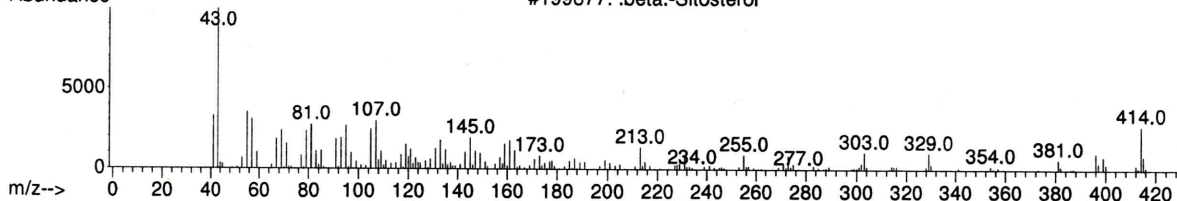
19.40 19.60 19.80 20.00
m/z 43.00 80.07%



19.40 19.60 19.80 20.00
m/z 55.00 64.24%



19.40 19.60 19.80 20.00
m/z 95.00 52.47%



19.40 19.60 19.80 20.00
m/z 69.10 52.07%

19.40 19.60 19.80 20.00

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

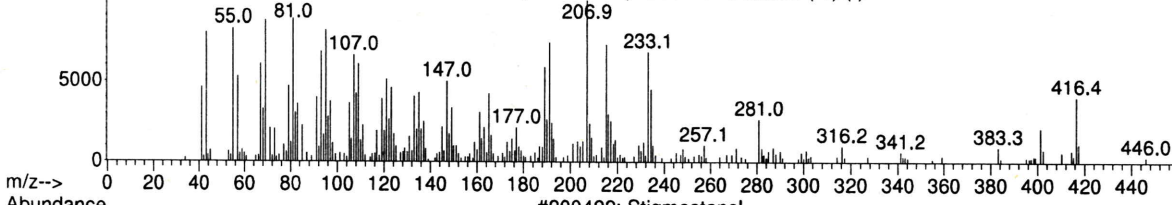
Peak Number: 71 at 19.625 min Area: 5208349 Area % 1.57

The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	.beta.-Sitosterol	199878 000083-46-5 96
2	.gamma.-Sitosterol	199879 000083-47-6 95
3	.beta.-Sitosterol	199877 000083-46-5 87

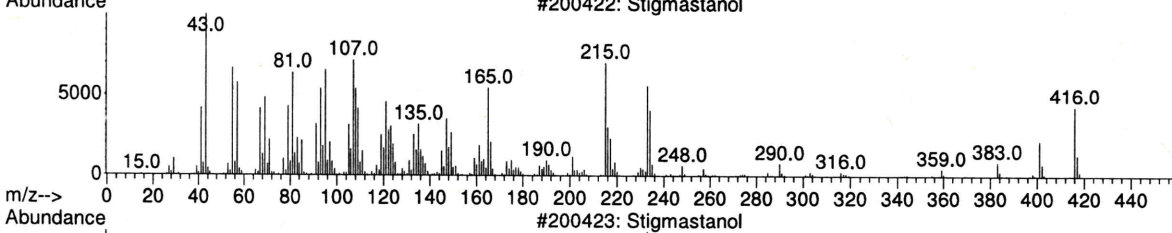
Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
 Scan 3081 (19.825 min): SV014.D\data.ms (-1) (-)

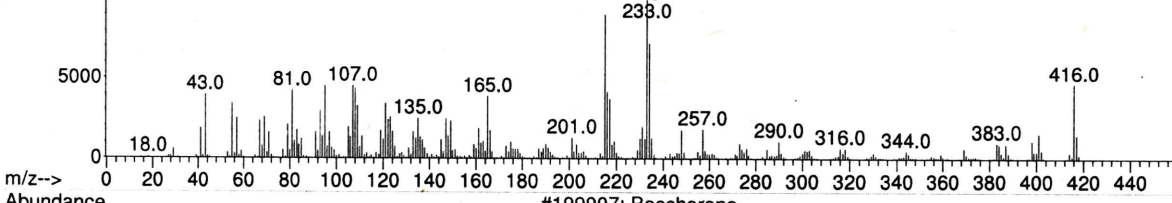


m/z 206.95 100.00%

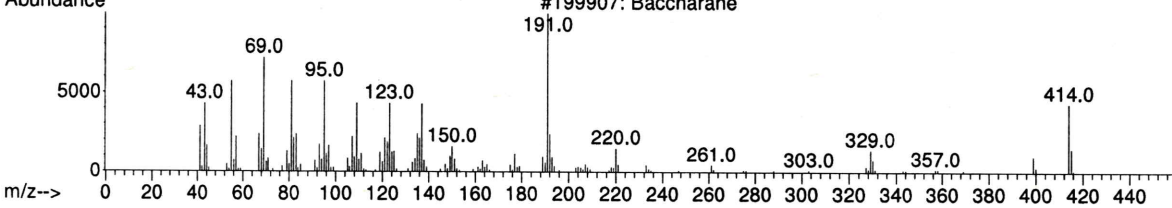
19.60 19.80 20.00 20.20
 m/z 80.95 88.53%



19.60 19.80 20.00 20.20
 m/z 69.00 87.49%



19.60 19.80 20.00 20.20
 m/z 55.00 82.65%



19.60 19.80 20.00 20.20
 m/z 95.00 81.59%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 72 at 19.825 min Area: 7468527 Area % 2.25

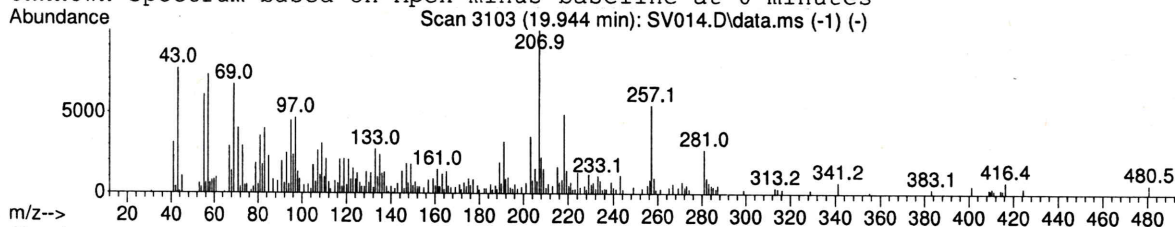
The 3 best hits from each library.

	Ref\#	CAS\#	Qual

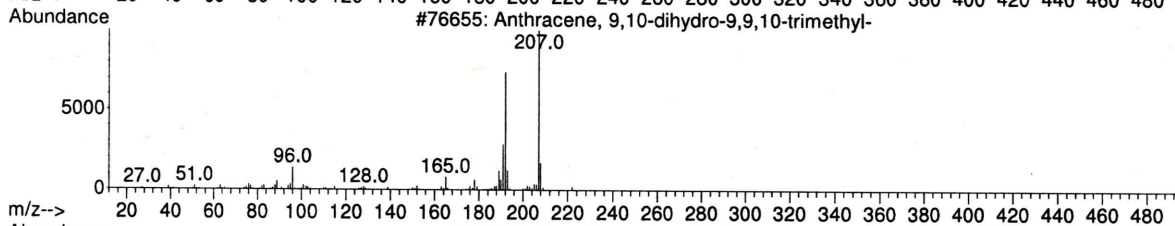
C:\Database\NIST08.L			
1 Stigmastanol	200422	019466-47-8	96
2 Stigmastanol	200423	019466-47-8	53
3 Baccharane	199907	036441-74-4	38

Library Search Report - ChemStation Integrator

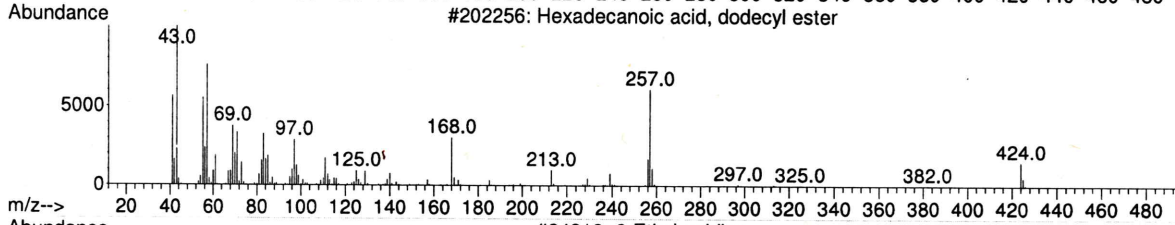
Unknown Spectrum based on Apex minus baseline at 0 minutes



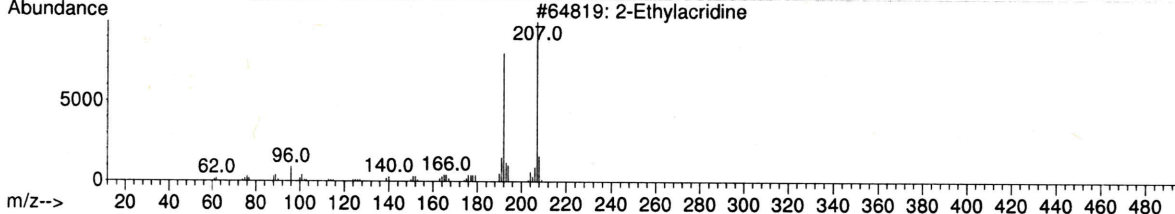
m/z 206.95 100.00%



19.60 19.80 20.00 20.20
m/z 43.00 76.62%



19.60 19.80 20.00 20.20
m/z 57.00 72.85%



19.60 19.80 20.00 20.20
m/z 69.00 67.03%

19.60 19.80 20.00 20.20
m/z 55.00 60.84%

19.60 19.80 20.00 20.20

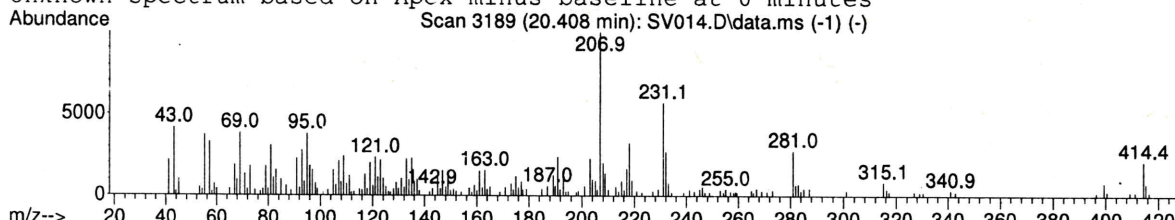
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 73 at 19.944 min Area: 2966716 Area % 0.89

The 3 best hits from each library.	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Anthracene, 9,10-dihydro-9,9,10-...	76655	014923-29-6	25
2 Hexadecanoic acid, dodecyl ester	202256	042232-29-1	25
3 2-Ethylacridine	64819	055751-83-2	20

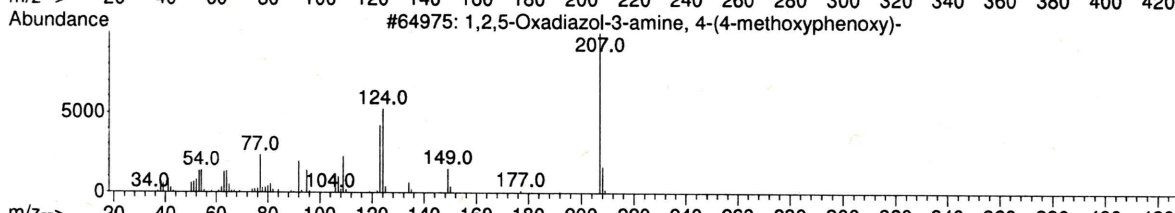
Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes

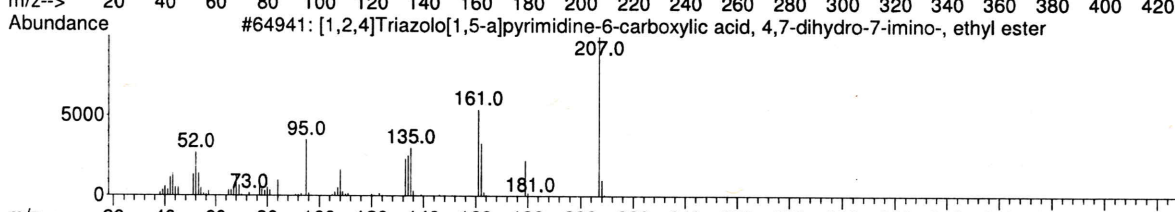


m/z 206.95 100.00%

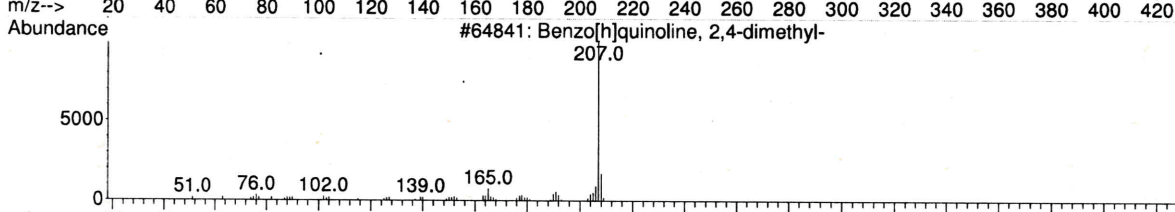
20.00 20.20 20.40 20.60 20.80
m/z 231.10 56.83%



20.00 20.20 20.40 20.60 20.80
m/z 43.05 41.63%



20.00 20.20 20.40 20.60 20.80
m/z 69.00 38.43%



20.00 20.20 20.40 20.60 20.80
m/z 95.00 38.12%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 74 at 20.408 min Area: 1899294 Area % 0.57

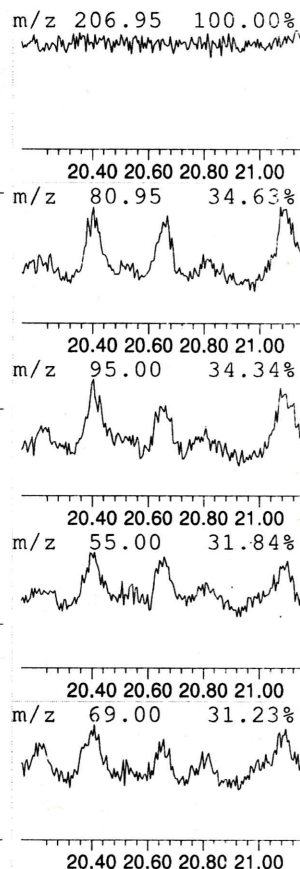
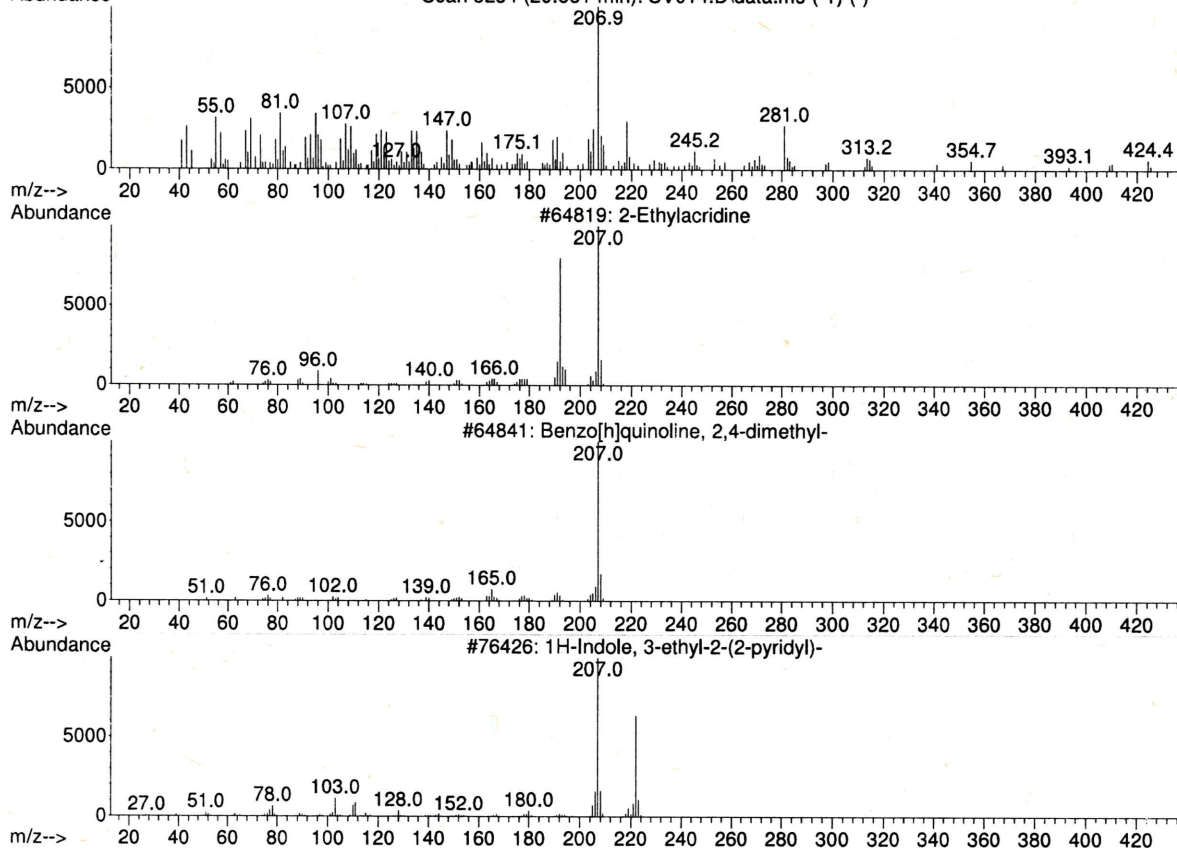
The 3 best hits from each library.

	Ref\#	CAS\#	Qual

C:\Database\NIST08.L			
1 1,2,5-Oxadiazol-3-amine, 4-(4-me...	64975	1000351-72-7	30
2 [1,2,4]Triazolo[1,5-a]pyrimidine...	64941	1000351-62-2	30
3 Benzo[h]quinoline, 2,4-dimethyl-	64841	000605-67-4	25

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
 Scan 3234 (20.651 min): SV014.D\data.ms (-1) (-)



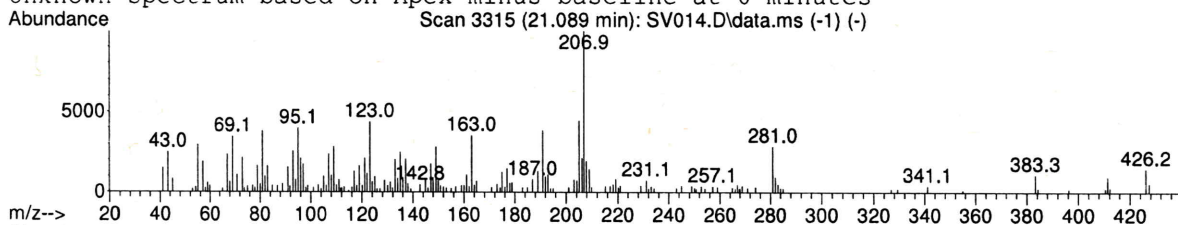
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 75 at 20.651 min Area: 1335826 Area % 0.40

The 3 best hits from each library.

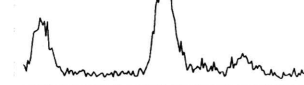
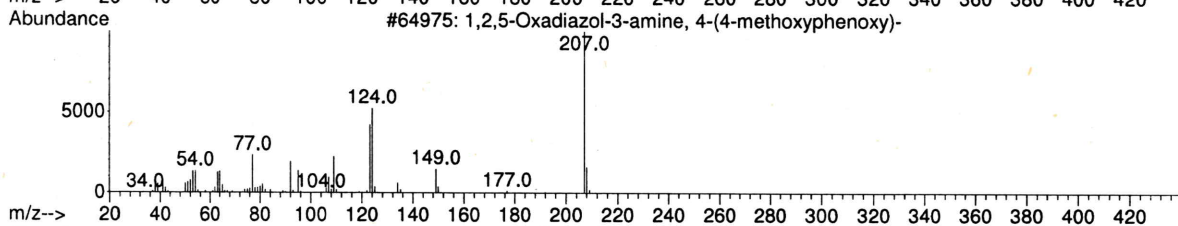
Ref\#	CAS\#	Qual
1	64819	55
2	64841	49
3	76426	38

Unknown Spectrum based on Apex minus baseline at 0 minutes

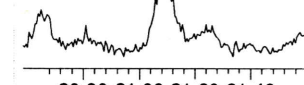
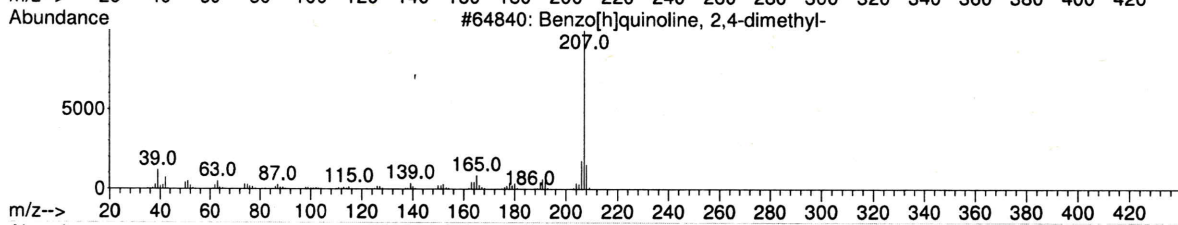


m/z 206.95 100.00%

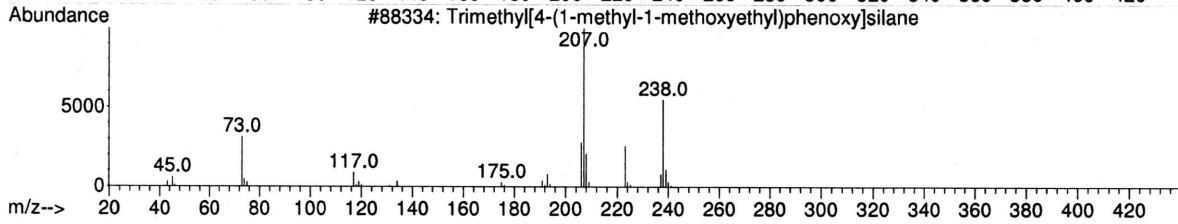
m/z 205.10 44.35%



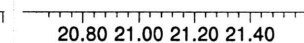
m/z 123.00 43.83%



m/z 95.10 39.72%



m/z 191.00 38.46%



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 76 at 21.089 min Area: 1868930 Area % 0.56

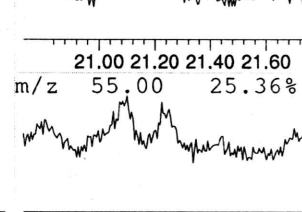
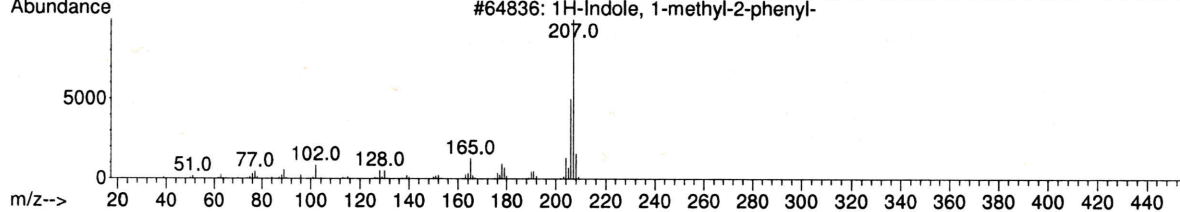
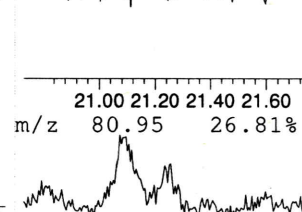
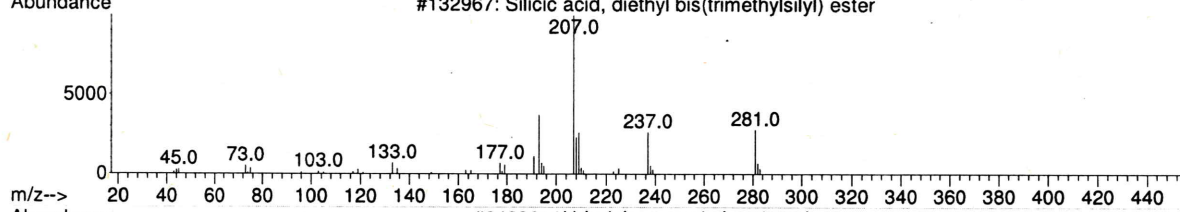
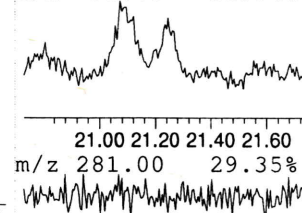
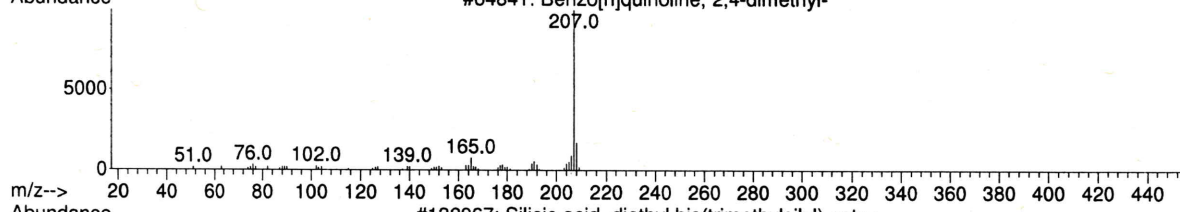
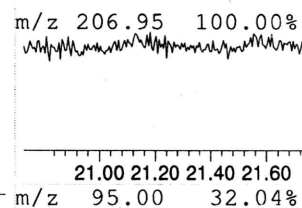
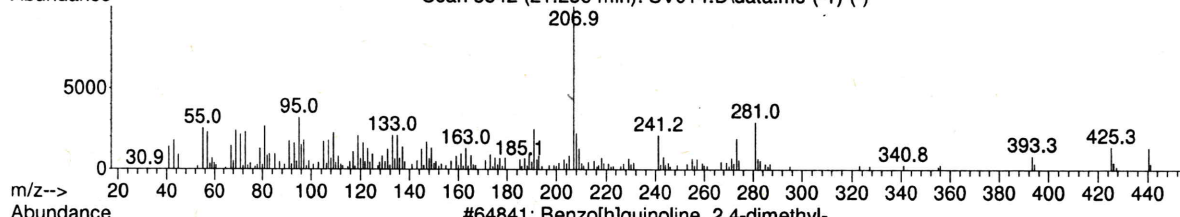
The 3 best hits from each library.

Ref\# CAS\# Qual

Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 1,2,5-Oxadiazol-3-amine, 4-(4-me...	64975	1000351-72-7	38
2 Benzo[h]quinoline, 2,4-dimethyl-	64840	000605-67-4	30
3 Trimethyl[4-(1-methyl-1-methoxye...	88334	1000283-54-8	27

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
Scan 3342 (21.235 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
Sample : 832504-1

Peak Number: 77 at 21.235 min Area: 1685367 Area % 0.51

The 3 best hits from each library.

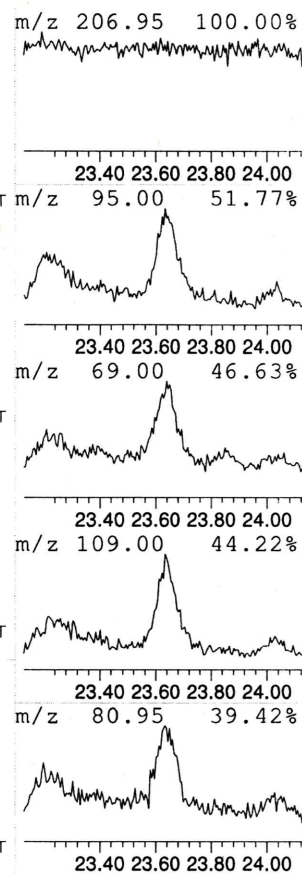
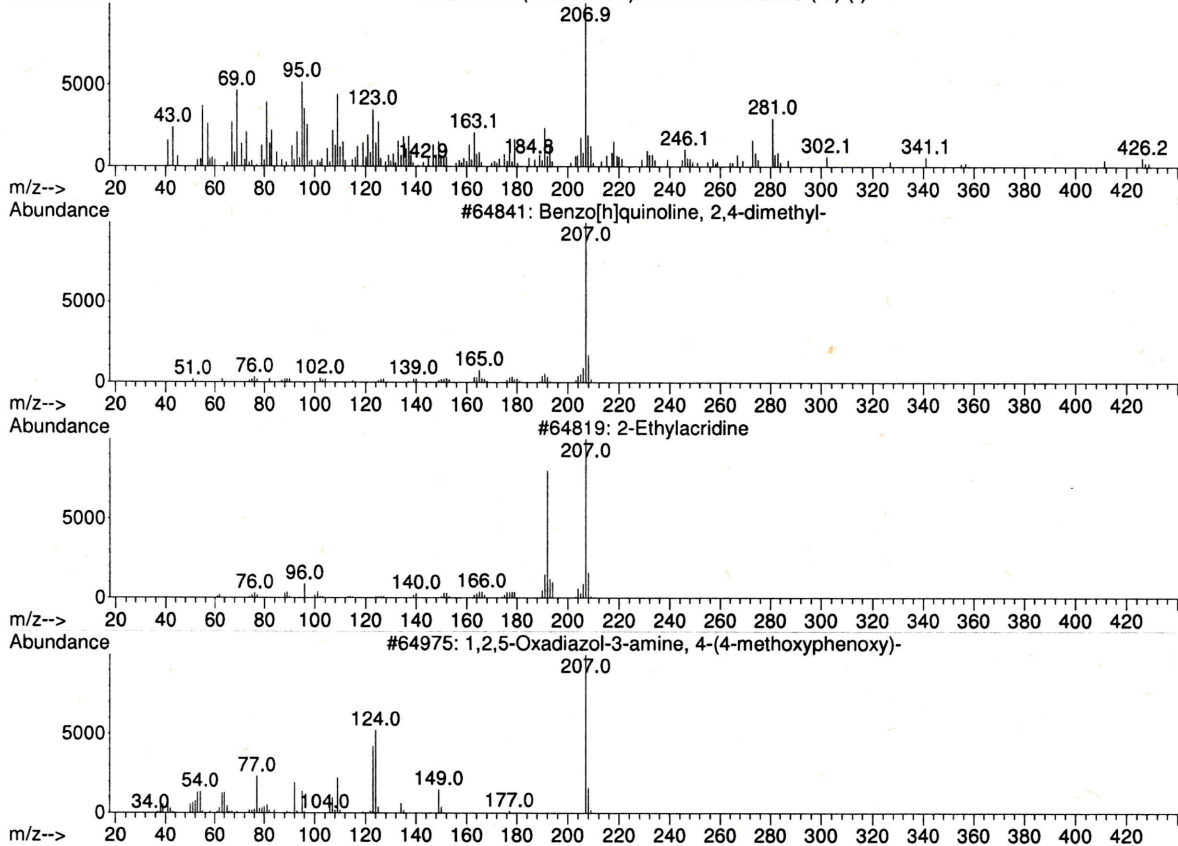
Ref\# CAS\# Qual

C:\Database\NIST08.L

1	Benzo[h]quinoline, 2,4-dimethyl-	64841	000605-67-4	50
2	Silicic acid, diethyl bis(trimet...	132967	003555-45-1	47
3	1H-Indole, 1-methyl-2-phenyl-	64836	003558-24-5	43

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes
 Scan 3786 (23.633 min): SV014.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV014.D
 Sample : 832504-1

Peak Number: 78 at 23.633 min Area: 2357379 Area % 0.71

The 3 best hits from each library.

Ref\# CAS\# Qual

Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Benzo[h]quinoline, 2,4-dimethyl-	64841	000605-67-4	42
2 2-Ethylacridine	64819	055751-83-2	42
3 1,2,5-Oxadiazol-3-amine, 4-(4-me...	64975	1000351-72-7	38

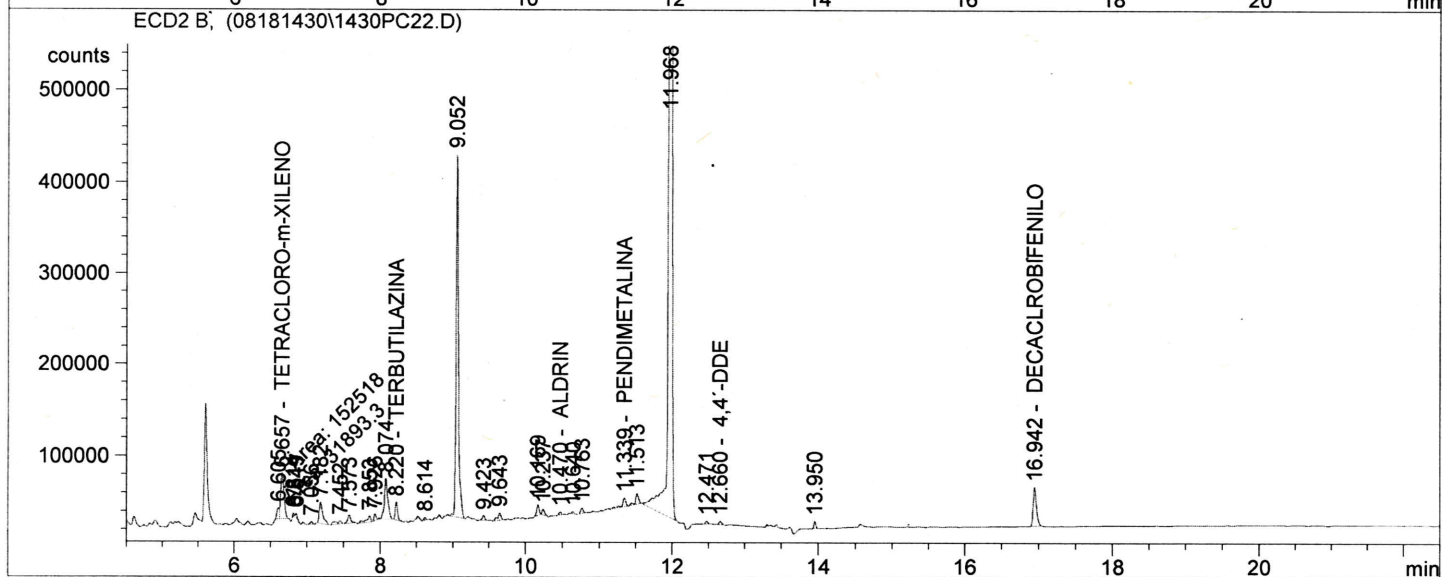
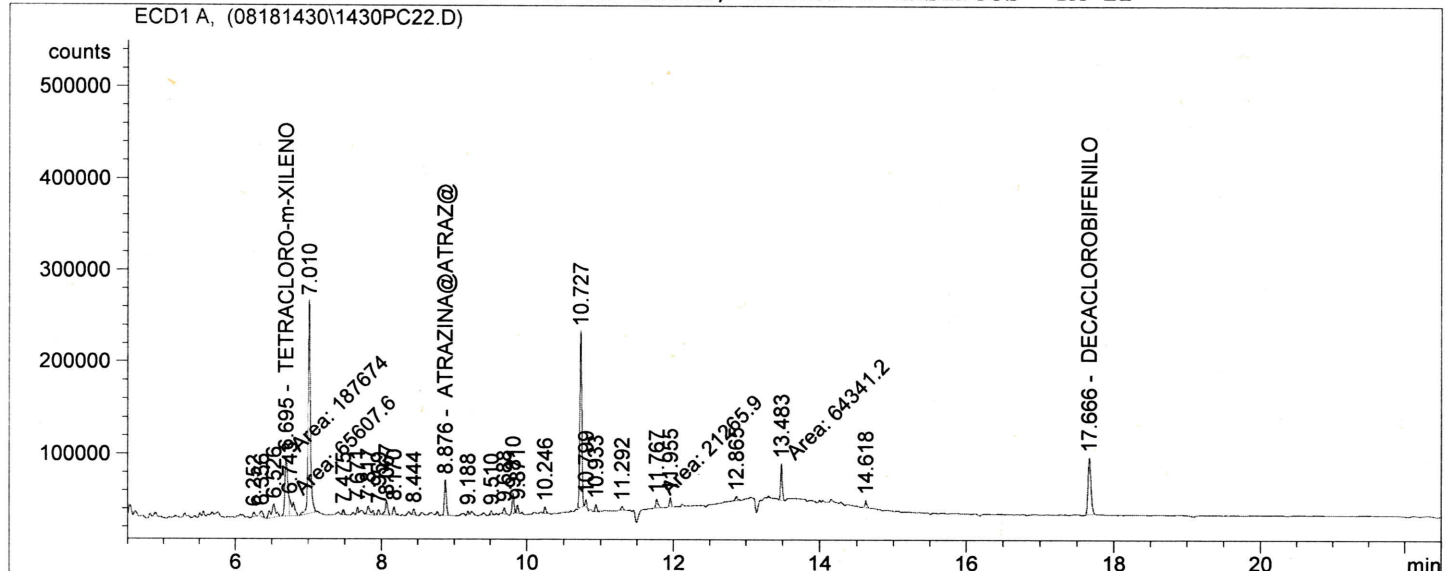
CROMATOGRAMAS

**PLAGUICIDAS
CLORADOS**

```

=====
Injection Date   : 25-08-18 05:49:05 .           Seq. Line : 21
Sample Name     : 832504-1                       Location  : Vial 21
Acq. Operator  : MOM                             Inj      : 1
Acq. Instrument : Instrument 3                   Inj Volume: 3 µl
Acq. Method    : D:\HPCHEM\3\METHODS\8081A01.M
Last changed   : 23-08-18 17:18:21 . by MOM
Analysis Method : D:\HPCHEM\3\METHODS\ARPCLO.M
Last changed   : 25-08-18 18:27:54 . by MOM
                (modified after loading)
    
```

METODO EPA 8081 PESTICIDAS CLORADOS EN AGUAS, SUELOS Y RESIDUOS TA 12



External Standard Report

```

Sorted By           : Signal
Calib. Data Modified : 25-08-18 18:11:00 .
Multiplier          : 1.0000
Dilution            : 1.0000
Use Multiplier & Dilution Factor with ISTDs
    
```

Signal 1: ECD1 A,

RetTime [min]	Type	Area counts*s	Amt/Area	Amount [mg/kg]	Grp	Name
6.500		-	-	-		TRIFLUORALIN@TRIFLU@
6.695	MF	1.87674e5	4.92813e-8	9.24884e-3		TETRACLORO-m-XILENO
8.020		-	-	-		HEXAChLOROChENCENO@HEXACLChB@
8.315		-	-	-	1	ALFA-BHC@ABHC@
8.876	BBA	7.85070e4	6.46113e-6	5.07244e-1		ATRAZINA@ATRAZ@
9.020		-	-	-		TERBUTILAZINA@TERBUT@
9.240		-	-	-		gama-BHC@LINDANO@
9.395		-	-	-		SIMAZINA@SIMAC@
9.905		-	-	-	1	beta-BHC@BBHC@
10.058		-	-	-		HEPTACLORO@HEPTACL@
10.317		-	-	-		ALACLOR@ALACLO@
10.522		-	-	-	1	delta-BHC@DBHC@
10.690		-	-	-		ChLOROTALONIL@ChLOROTAL@
10.758		-	-	-		ALDRIN@ALDRIN@
11.095		-	-	-		METALACLOR@METOLAC@
11.880		-	-	-		PENDIMETALINA@PENDIM@
12.032		-	-	-		HEPTACLRO EPOXIDO@HEPTAEP@
12.229		-	-	-		CIANAZINA@CIANAZ@
12.523		-	-	-		gama-CLORADANO@CLORDA@
12.708		-	-	-		alfa-CLORDANO@ACLORD@
12.785		-	-	-		ENDOSULFAN I@AENDOS@
13.122		-	-	-		4,4'-DDE@44DDE@
13.283		-	-	-		DIELDRIN@DIELDRIN@
13.762		-	-	-		ENDRIN@ENDRIN@
13.986		-	-	-		4,4'-DDD@44DDD@
14.150		-	-	-		ENDOSULFAN II@BENDOS@
14.347		-	-	-		4,4'-DDT@44DDT@
14.456		-	-	-		ENDRIN ALDEHIDO@ENDALD@
14.717		-	-	-		ENDOSULFAN SULFATO@ENDSUSU@
15.250		-	-	-		METOXICLORO@METOXI@
15.571		-	-	-		ENDRIN CETONA@ENDCET@
15.773		-	-	-		MIREX@MIREX@
16.310		-	-	-		TOXAFENO@TOXAF@
17.666	PBA	1.75333e5	5.64292e-8	9.89391e-3		DECAChLOROChIFENILO
18.599		-	-	-		SUMA DE BHC@BHC@
18.700		-	-	-		CLORDANO@CLORD@
20.241		-	-	-		DELChMETRINA@DLMT@

Totals : 5.26387e-1

Results obtained with enhanced integrator!

Signal 2: ECD2 B,

RetTime [min]	Type	Area counts*s	Amt/Area	Amount [mg/kg]	Grp	Name
6.657	FM	1.52518e5	6.31132e-8	9.62589e-3		TETRAChLORO-m-XILENO
6.785		-	-	-		TRIFLURALIN
7.648		-	-	-	2	ALFA-BHC
7.770		-	-	-		HEXAChLOROChENCENO
8.220	BBA	4.48161e4	9.08629e-6	4.07212e-1		TERBUTILAZINA
8.290		-	-	-		SIMAZINA
8.423		-	-	-		GAMA-BHC
8.525		-	-	-		ATRAZINA
9.206		-	-	-	2	beta-BHC
9.740		-	-	-	2	delta-BHC
9.754		-	-	-		HEPTACLORO
9.852		-	-	-		ChLOROTALONIL
10.299		-	-	-		ALACLOR
10.315		-	-	-		METALACLOR
10.470	BBA	7782.65723	7.68016e-8	5.97721e-4		ALDRIN

RetTime [min]	Type	Area counts*s	Amt/Area	Amount [mg/kg]	Grp	Name
10.712		-	-	-		CIANAZINA
11.339	BB	3.33192e4	1.21117e-7	4.03554e-3		PENDIMETALINA
11.460		-	-	-		HEPTACLORO EPOXIDO
12.169		-	-	-		gama-CLORDANO
12.245		-	-	-		alfa-CLORDANO
12.284		-	-	-		ENDOSULFAN 1
12.660	BBA	9943.25293	5.96923e-8	5.93535e-4		4,4'-DDE
12.776		-	-	-		DIELDRIN
13.139		-	-	-		ENDRIN
13.500		-	-	-		4,4'-DDD
13.583		-	-	-		ENDOSULFAN II
13.744		-	-	-		ENDRIN ALDEHIDO
13.916		-	-	-		4,4'-DDT
13.991		-	-	-		TOXAFENO
14.136		-	-	-		ENDOSULFAN SULFATO
14.513		-	-	-		METOXICLORO
14.632		-	-	-		ENDRIN CETONA
15.281		-	-	-		MIREX
16.942	BBA	1.29661e5	7.26203e-8	9.41600e-3		DECACLOBIFENILO
18.000		-	-	-		CLORDANO
18.202		-	-	-		SUMA DE BHC
18.435		-	-	-		DELTAMETRINA

Totals : 4.31481e-1

Results obtained with enhanced integrator!

Group summary :

Group ID	Use	Area counts*s	Amount [mg/kg]	Group Name
2		0.00000	0.00000	SUMA DE BHC
1		0.00000	0.00000	SUMA DE BHC@BHC@

2 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

Warning : Calibrated compound(s) not found

=====
*** End of Report ***



HOJA DE CAMPO PARA MUESTREO DE SEDIMENTOS F-IPM2-58

Razón Social:	COMISION NACIONAL DEL AGUA	OM:	-----
Sitio/Dirección del Muestreo:	Manatí 7	Fecha:	18/08/18
		Hoja:	7 de 14 <small>(VGC)</small>

Identificación del sondeo:	Rio Maluco Aguas Arriba	Hora:	11:20
Condiciones climatológicas:	Soleado		

DESCRIPCIÓN DEL SITIO DE MUESTREO

Nombre del cuerpo de agua:	Rio Maluco Aguas Arriba	Población:	Macuspana
Lótico:	X	Léntico:	-----
Presenta vida acuática:	Peces, manatíes, lagartos		
Coordenadas de muestreo:			
Latitud:	17 ° 57' 32.3 "N	Longitud:	92 ° 18' 56.4 "W
Latitud:	----- °N	Longitud:	----- °W
Descripción del sitio de muestreo:	Zona de abundante vegetación, sitio de muestreo donde arremansa el agua.		

DESCRIPCIÓN DEL MUESTREO

Profundidad del cuerpo de agua:	3,50 m.	Profundidad de muestreo:	30-40 cm
Equipamiento de muestreo utilizado:			
Cuchara	X	Draga Eckman	-----
Hand Auger	-----	Otro:	CUBETA PARA HOMOGENEIZAR
Tipo de Muestra:			
Simple	-----	Compuesta	X
Textura Aparente:	LIMOSO-ARCHILLOSO		Color Aparente:
Presenta materia orgánica:	SI PRESENTA RAICES Y LIMO		OLOR:
		Clasificación del Sedimento**:	GRIS OSCURO
			SIN OLOR
			LIMOS / ARCILLAS

**Arenas: Cuentan con un diametro de partícula de 0.06 a 2.00 mm, tacto aspero y abrasivo; no tienen brillo ni cohesión.

**Limos: Cuentan con un diametro de partícula de 0.004 a 0.6 mm, tienen tacto suave, no son plasticos ni asperos.

**Arcillas: Cuentan con un diametro de partícula menor a 0.004 mm, forma una película plástica, tienen cohesión y son brillosas.

ASEGURAMIENTO Y CONTROL DE CALIDAD

El equipo fue descontaminado previo a su uso con:			
Agua potable	<input checked="" type="checkbox"/>	La muestra fue homogeneizada en campo	<input checked="" type="checkbox"/>
Jabon libre de fosfatos	<input type="checkbox"/>	A la muestra se le retiraron los gruesos (grava, piedras, etc.).	<input checked="" type="checkbox"/>
Alcohol	<input type="checkbox"/>	Se emplearon guantes nuevos para cada muestra	<input checked="" type="checkbox"/>
Agua purificada y/o desionizada	<input checked="" type="checkbox"/>	Las muestras se preservaron inmediatamente, en frío	<input checked="" type="checkbox"/>
El equipo fue descontaminado entre cada muestra de la misma forma	<input checked="" type="checkbox"/>		

Comentarios / Cambios al Plan de Muestreo:	MUESTREO REALIZADO POR TRIPPLICADO, SE EXTRAE MEDIANTE UN MUESTREADOR DE SEDIMENTOS TIPO NUCLEADOR Y UN LINER DE PLÁSTICO, PARA LA HOMOGENEIZACION SE USA UNA CUCHARA DE PLASTICO
--	---

RESPONSABLE DE LA TOMA DE MUESTRA URIAS GOMEZ CAMPERO <small>NOMBRE Y FIRMA</small>	SUPERVISÓ JOSE MARTIN PALACIOS HERNANDEZ <small>NOMBRE Y FIRMA</small>
--	---

FORMA N° 1 LEMICOT I ESTUDIO ESPECIAL I

11832

LA UNIDAD X8445X

UNIVERSIDAD NACIONAL DE LA PLATA

Facultad de Ciencias Exactas

Cátedra de Hidrología

Trabajo de Laboratorio

LABORATORIO

10.57' 32.3"

18' 56.4"

4.0

OBSERVACIONES

VALOR
ARRIBA
8977
1560

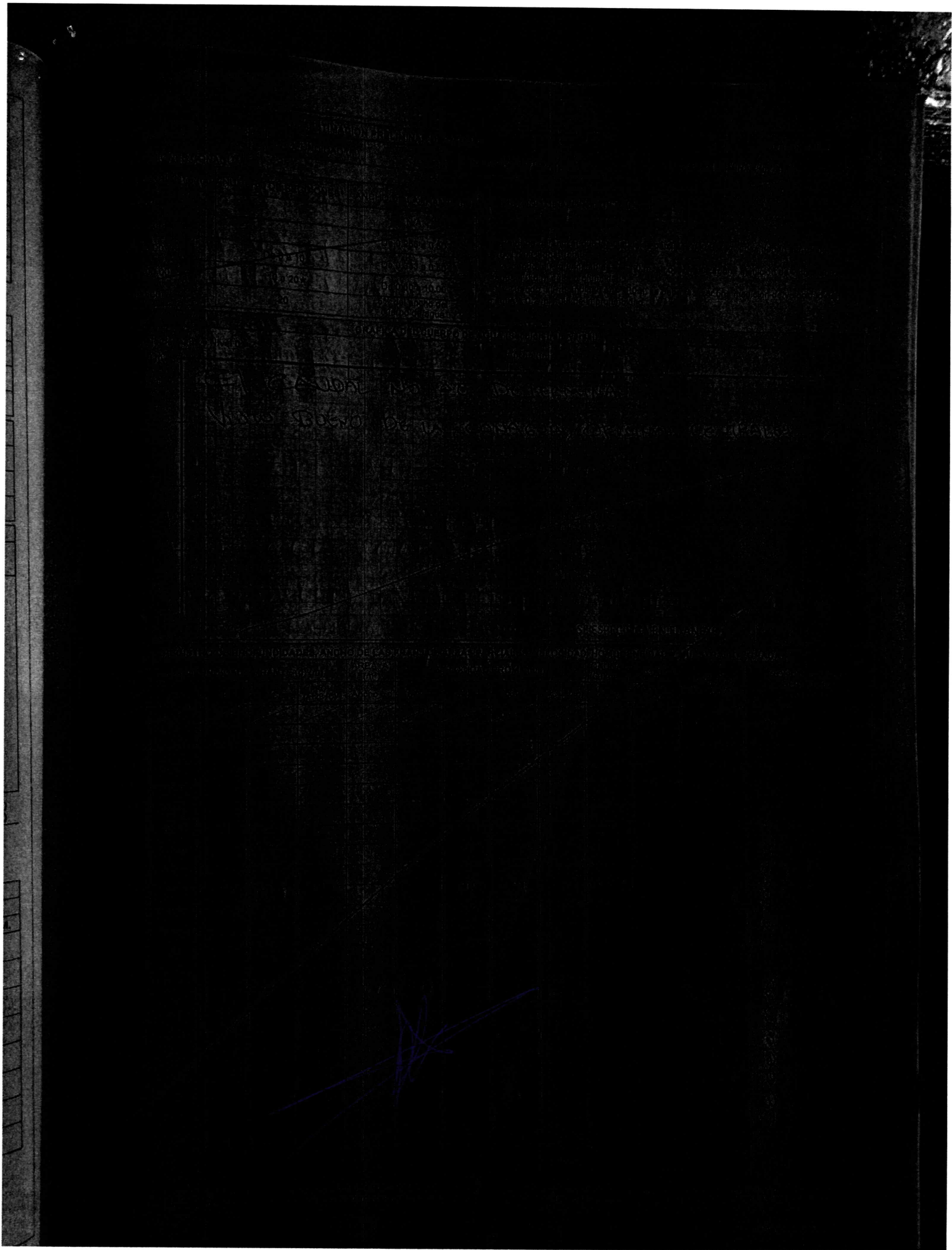
Medición de temperatura (SI/NO)

TEMPERATURA DEL AGUA (°C)	20.5	20.5	20.5	20.5
TEMPERATURA AMBIENTE (°C)	20.5	20.5	20.5	20.5
PROFUNDIDAD (m)	0.25	0.25	0.25	0.25
CONDUCTIVIDAD ELECTRICA (µmhos/cm)	100	100	100	100
OPACIDAD (NTU)	10	10	10	10
PH	7.0	7.0	7.0	7.0
POTENCIAL REDOX (mV)	200	200	200	200
OXIGENO DISUELTO (mg/L)	8.0	8.0	8.0	8.0
OXIGENO DISUELTO (%)	100	100	100	100
OXIGENO DISUELTO (cc/L a 0°C)	10	10	10	10
UNIDAD	0.25	0.25	0.25	0.25

TEMPERATURA DEL AGUA (°C)	
PH (upH)	
POTENCIAL REDOX (mV)	
OXIGENO DISUELTO (mg/L)	
OXIGENO DISUELTO (%)	
OXIGENO DISUELTO (cc/L a 0°C)	
CONDUCTIVIDAD ELECTRICA (µmhos/cm)	
OPACIDAD (NTU)	

TRANSPARENCIA (cm)	
OPACIDAD (NTU)	

FONDO PROM



TEMPERATURA	TEMPERATURA	TEMPERATURA	TEMPERATURA
189.6	57		
71.01	57		
10.01	57		
34.9	34.9	57	
100.3	100.3	57	
0.05	0.05	57	
1518	57		
39.4	57		
101.03	57		

10.20 101.03 - 23.9 MV

TEMPERATURA	TEMPERATURA	TEMPERATURA	TEMPERATURA

TOMA DE MUESTRA DE
 CLAVE DE MARQUEO DE
 QUE ABARCA LA MUESTRA
 CLAVE DE MUESTRA DE
 MUESTROS QUE ABARCA LA MUESTRA
 CONTROL

HORA DE TOMA DE MUESTRA
 No. de muestra
 Procedimiento de toma de muestra
 Descripción de muestra
 Lugar de toma de muestra
 Nombre de muestra
 Fecha de toma de muestra

LABORATORIO