

INTERTEK TESTING SERVICES DE MÉXICO, SA DE CV / LABORATORIO MATRIZ

PONIENTE 134 No. 660, INDUSTRIAL VALLEJO, AZCAPOTZALCO, CIUDAD DE MÉXICO, C.P. 02300  
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## ORDEN DE TRABAJO / CADENA DE CUSTODIA EXTERNA

**DIRIGIR INFORME A:** No. DE CLIENTE: ( ) )  
**FACTURAR A:** (solo si es diferente al del 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

**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
Mantani 8	18/08/18	13:20	SEDIMENTOS	8025061	8025061

NOMBRE DEL MUESTREADOR:		EMPRESA:	
URIAS GOMEZ CAMPERO		ITS	
No. de Hielera(s):		Identificación de Hielera(s):	
OBSERVACIONES:		MUESTRA POR TRIPLICADO	
CLAVE DE SITIO DE MUESTREO:		MANCIFI 8	
NOMBRE DEL SITIO DE MUESTREO:			
ESTADO: TABASCO			
MUNICIPIO MACUSPANA			
BRIGADA: ITS-TAB13			
Nombre del Supervisor:		JOSE MARTIN PALACIOS HERNANDEZ	
Firma del Supervisor:		[Firma]	

PARÁMETROS A ANALIZAR		PARÁMETROS A ANALIZAR	
IMPORTANTE ESPECIFICAR MÉTODO ANALÍTICO REQUERIDO (OCUPAR UNA COLUMNA POR PARÁMETRO O GRUPO O PAQUETE)		IMPORTANTE ESPECIFICAR MÉTODO ANALÍTICO REQUERIDO (OCUPAR UNA COLUMNA POR PARÁMETRO O GRUPO O PAQUETE)	
ESTUDIO ESPECIAL PROTOCOLO MACUSPANA	X	TABASCO, PARÁMETROS EN HOJA ANEXA	X
PARA SEDIMENTOS	X		

MUESTRAS PRESERVADAS CORRECTAMENTE: ( \$ ) ( NO ) ( NA )		TEMPERATURA DE LAS MUESTRAS EN LA RECEPCIÓN <u>5.3</u> °C	

REGISTRO DE LA CADENA DE CUSTODIAS DE LAS MUESTRAS					
ENTREGA 1		ENTREGA 2		ENTREGA 3	
NOMBRE:	FECHA:	NOMBRE:	FECHA:	NOMBRE:	FECHA:
URIAS GOMEZ CAMPERO	20/08/18	Alexandra	20/08/18	Edgar E Camacho Miranda	20/08/18
FIRMA: [Firma]	HORA: 7:15	FIRMA: [Firma]	HORA: 15:00	FIRMA: [Firma]	HORA: 16:15
NOMBRE:	FECHA:	NOMBRE:	FECHA:	NOMBRE:	FECHA:
Alexandra	20/08/18	Edgar E Camacho Miranda	20/08/18	Edgar E Camacho Miranda	20/08/18
FIRMA: [Firma]	HORA: 7:15	FIRMA: [Firma]	HORA: 15:00	FIRMA: [Firma]	HORA: 16:15

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

At'n: DR. ERIC DANIEL GUTIERREZ LOPEZ

**INFORME DE PRUEBAS**

No. DE ORDEN: 832506  
No. DE LABORATORIO: 832506-1  
FOLIO: 1337946  
FECHA DE EMISIÓN: 03/09/18  
Página 1 de 6



**DATOS DE LA TOMA DE MUESTRA**

IDENTIFICACIÓN DE LA MUESTRA:	MANATI 8
FECHA Y HORA DE MUESTREO:	18/08/2018 13:20
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 8 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	US EPA 6010C-2007	mg/kg	1250	10	0,200	1,000	22/08/18	TCC
A	ARSENICO BIODISPONIBLE	US EPA 6010C-2007	mg/kg	ND	1	0,200	1,000	22/08/18	TCC
A	CADMIO BIODISPONIBLE	US EPA 6010C-2007	mg/kg	ND	1	0,040	0,200	22/08/18	TCC
A	CROMO BIODISPONIBLE	US EPA 6010C-2007	mg/kg	5,924	1	0,100	0,500	22/08/18	TCC
A	NIQUEL BIODISPONIBLE	US EPA 6010C-2007	mg/kg	26,03	1	0,020	0,100	22/08/18	TCC
A	PLOMO BIODISPONIBLE	US EPA 6010C-2007	mg/kg	5,878	1	0,100	0,500	22/08/18	TCC
A	VANADIO BIODISPONIBLE	US EPA 6010C-2007	mg/kg	22,29	1	0,200	1,000	22/08/18	TCC
A	MERCURIO BIODISPONIBLE	US EPA 7471A 1994	mg/kg	ND	1	0,013	0,1	22/08/18	TCC
B	DIGESTION	ISO 17402:2008	---	REALIZADO	1	NA	NA	22/08/18	TCC
29,31	HUMEDAD (NOM-021)	NOM-021-SEMARNAT-2000 AS-05	%	77,4	1	0,50	***	22/08/18	PJM
1,16	ALUMINIO TOTAL	US EPA 6010C-2007	mg/Kg	39590	100	0,2	1,0	28/08/18	ICV
1,16	ARSENICO TOTAL	US EPA 6010C-2007	mg/kg	2,788	1	0,2	1,0	28/08/18	ICV
1,16	CADMIO TOTAL	US EPA 6010C-2007	mg/kg	ND	1	0,04	0,20	28/08/18	ICV
1,16	CROMO TOTAL	US EPA 6010C-2007	mg/kg	310,3	1	0,1	0,50	28/08/18	ICV
B	DIGESTION ACIDA POR MICROONDAS	EPA3051-1996	NA	REALIZADA	1,0	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	0,0481	1	0,013	0,10	28/08/18	ICV
1,16	NIQUEL TOTAL	US EPA 6010C-2007	mg/kg	251,6	1	0,02	0,10	28/08/18	ICV
1,16	PLOMO TOTAL	US EPA 6010C-2007	mg/kg	11,74	1	0,1	0,50	28/08/18	ICV
1,16	VANADIO TOTAL	US EPA 6010C-2007	mg/Kg	92,3	1	0,2	1,0	28/08/18	ICV



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**INFORME DE PRUEBAS**

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No. DE LABORATORIO: 832506-1  
FOLIO: 1337946  
FECHA DE EMISIÓN: 03/09/18  
Página 2 de 6



**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	0,133333	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	0,13333333	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: 832506  
No. DE LABORATORIO: 832506-1  
FOLIO: 1337946  
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	30,93	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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Página 4 de 6



**RESULTADOS DE ANALISIS DE LABORATORIO**

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

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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: 832506  
No. DE LABORATORIO: 832506-1  
FOLIO: 1337946  
FECHA DE EMISIÓN: 03/09/18  
Página 5 de 6



**RESULTADOS DE ANALISIS DE LABORATORIO**

AA	PARAMETRO	METODO ANALITICO	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 17 PICOS DE COMPUESTOS QUE NO CORRESPONDEN A LOS PLAGUICIDAS CLORADOS CALIBRADOS EN EL METODO ANALITICO. PARA ORGANOFOSFORADOS PICOS OBSERVADOS: 4. PERFIL CARACTERÍSTICO DE HIDROCARBUROS.

**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 Límite de Detección del Método (LDM) y menor que el Límite 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.
- (I) 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: 832506

No. DE LABORATORIO: 832506-1

FOLIO: 1337946


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 Alvaro 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 Alvaro 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-0883-012/11 - 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
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 Alvaro 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° PFPA-APR-LP-RS-002MS/2017 - Por la norma NMX-AA-132-SCFI-2016, Vigencia del 2017-07-28 - Rama Suelos (Muestreo) Aprobación N° PFPA-APR-LP-RS-002/2017 - Por la norma NOM-138-SEMARNAT/ISSA-2012, numeral 7 - Vigencia del 2017-07-28 al 2021-07-28 - Rama Suelos (Muestreo) Aprobación N° PFPA-APR-LP-RS-002/2017 - Por la norma NOM-004-SEMARNAT-2002, Anexo II - Vigencia del 2017-07-28 al 2021-07-28 - Lodos y Biosólidos (Muestreo) Aprobación N° PFPA-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° PFPA-APR-LP-FF-028/2018 - Fecha de aprobación 2018-05-31 Rama Fuentes Fijas Aprobación N° PFPA-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° PFPA-APR-LP-RS-010MS/2017 - Vigencia del 2017-08-22 al 2021-08-22 - Rama Suelos (Muestreo) Aprobación N° PFPA-APR-LP-RS-10MR/2015 - Vigencia 2015-05-06 al 2019-05-06 - Rama Residuos (Muestreo) Aprobación N° PFPA-APR-LP-RS-010A/2016 - Vigencia 2016-06-10 al 2020-06-10 - Rama Suelos y Residuos (Análisis) Aprobación N° PFPA-APR-LP-RUIDO-012/2018 - Vigencia 2018-03-23 al 2022-03-23 - Rama Ruido de Fuentes Fijas
PADRÓN DE LABORATORIOS AMBIENTALES DEL GOBIERNO DE LA CIUDAD DE MÉXICO	17	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Matriz, Ciudad de México Registro N° PADLACDMX/CA038/AAR - Vigencia del 2018-01-31 al 2019-01-31 - Norma NADF-015-AGUA-2009 - Rama Agua
	24	GAMATEK, SA DE CV - Laboratorio Matriz - Monterrey, Nuevo León: Registro N° PADLACDMX/CA014/AGC - Vigencia del 2017-11-13 al 2018-11-13 - Norma NOM-085-SEMARNAT-2011 - Rama Gases de Combustión Registro N° PADLACDMX/CA014/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° PADLACDMX/CA036/AAR - Vigencia del 2018-01-17 al 2019-01-17 - Norma NADF-015-AGUA-2009 - Rama Agua Registro N° PADLACDMX/CA036/RD - Vigencia del 2018-01-11 al 2019-01-11 Norma NADF-005-AMBT-2013 Rama Ruido Perimetral
GOBIERNOS DEL ESTADO DE MEXICO Y QUERÉTARO	18	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Matriz, Ciudad de México Registro N° MEX/QRO/REDLA60/AEA/MER/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 GAMATEK, SA DE CV - Laboratorio Matriz - Monterrey, Nuevo León:
SECRETARIA DEL TRABAJO Y PREVISION SOCIAL	23	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
	33	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
AGUAS DE SALTILLO	25	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
RAMOS ARIZPE	26	LABORATORIOS ABC QUIMICA INVESTIGACIÓN Y ANÁLISIS, SA DE CV - Laboratorio Sucursal - Monterrey, Nuevo León: Registro No. PS-01-LAB-18 (2018) Vigencia del 2018-01-31 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° JMAS-NORM-615/18 - 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**

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Data Path : D:\2018\22AG18\  
 Data File : SV040.D  
 Acq On : 24 Aug 2018 9:13 pm (#1); 24 Aug 2018 21:09 pm (#2)  
 Operator : BCI/BGJ  
 Sample : 832506-1  
 Misc : EXT-2013-22p50 BCI BGJ CLB (Sig #1); (Sig #2)  
 ALS Vial : 31 Sample Multiplier: 0.295068

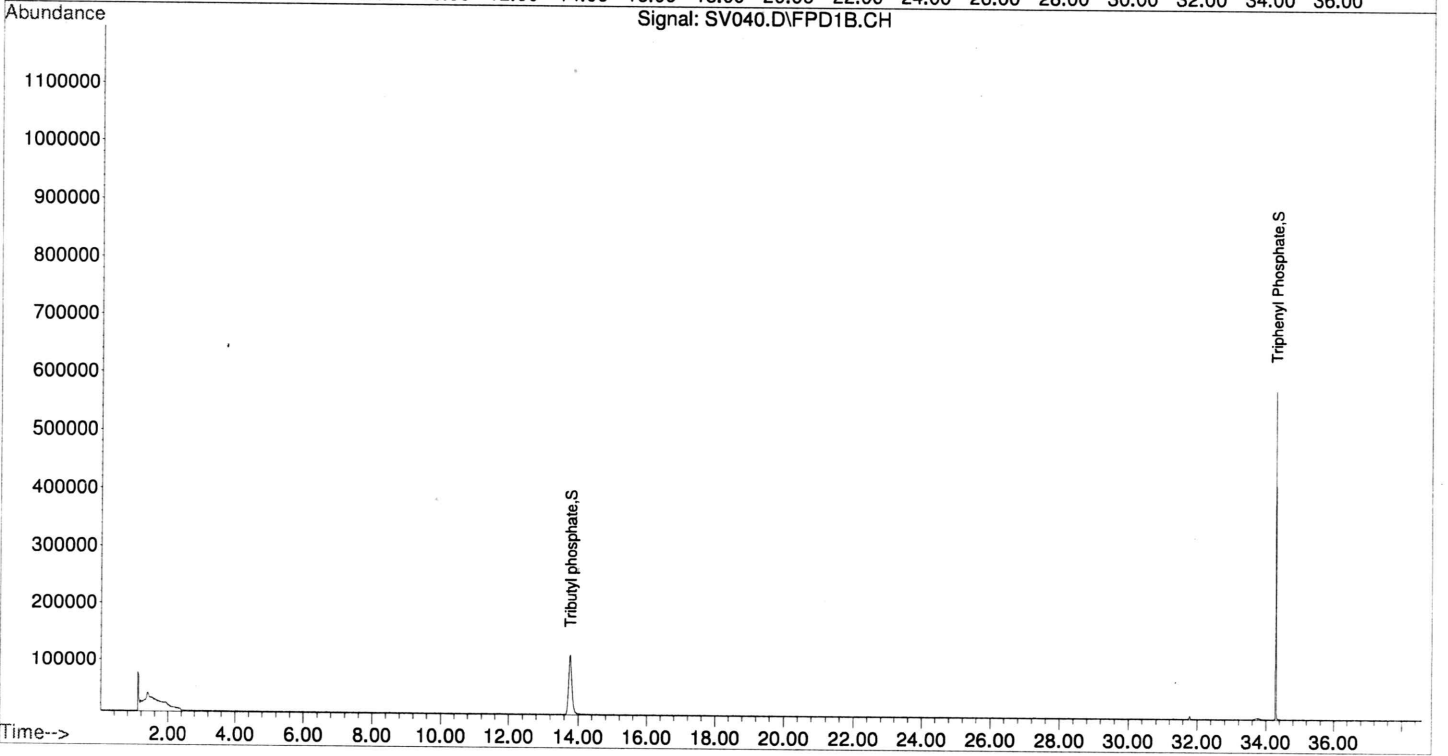
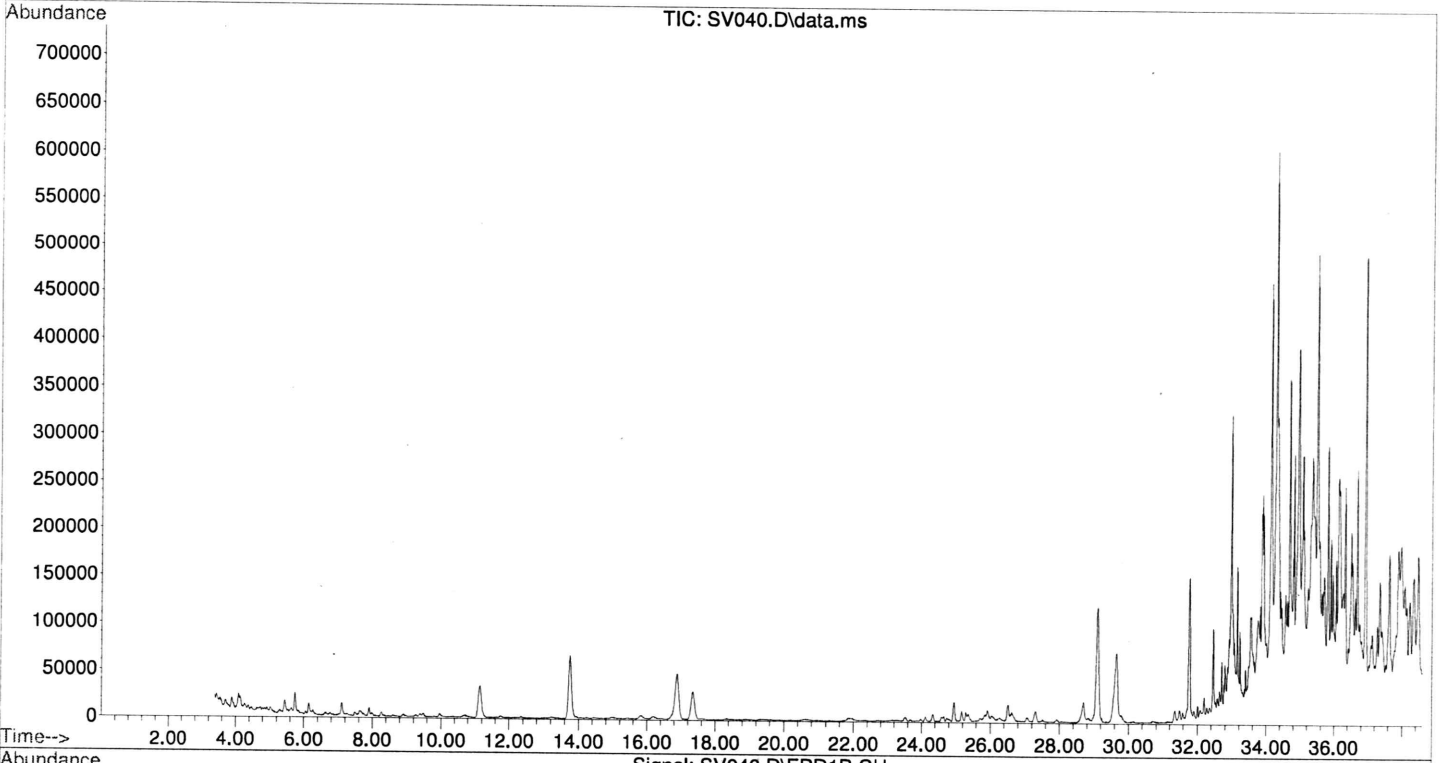
Quant Time: Aug 25 16:14:04 2018  
 Quant Method : D:\METHODS\OFOSF\_22AG18(500 a 4000).M  
 Quant Title :  
 QLast Update : Thu Aug 23 16:21:51 2018  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----						
System Monitoring Compounds						
5) Tributyl phosphate	13.775	GC1	6841487	1447.63	µg/L	
Spiked Amount	1500.000			Recovery	=	96.51%
26) Triphenyl Phosphate	34.293	GC1	5333928	1349.16	µg/L	
Spiked Amount	1500.000			Recovery	=	89.94%
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) Sulfofep	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 : SV040.D  
Acq On : 24 Aug 2018 9:13 pm (#1); 24 Aug 2018 21:09 pm (#2)  
Operator : BCI/BGJ  
Sample : 832506-1  
Misc : EXT-2013-22p50 BCI BGJ CLB (Sig #1); (Sig #2)  
ALS Vial : 31 Sample Multiplier: 0.295068

Quant Time: Aug 25 16:14:04 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**



# **CROMATOGRAMAS**

**COMPUESTOS  
ORGANICOS  
SEMIVOLATILES**

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Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\2018\AG18\22AG18\  
 Data File : SV010.D  
 Acq On : 22 Aug 2018 6:46 pm  
 Operator : MAS  
 Sample : 832506-1 EXT-2018-14p19  
 Misc : SVOCS SUELO EXT-2018-14p19 MAS 2018-08-22  
 ALS Vial : 9 Sample Multiplier: 0.06667

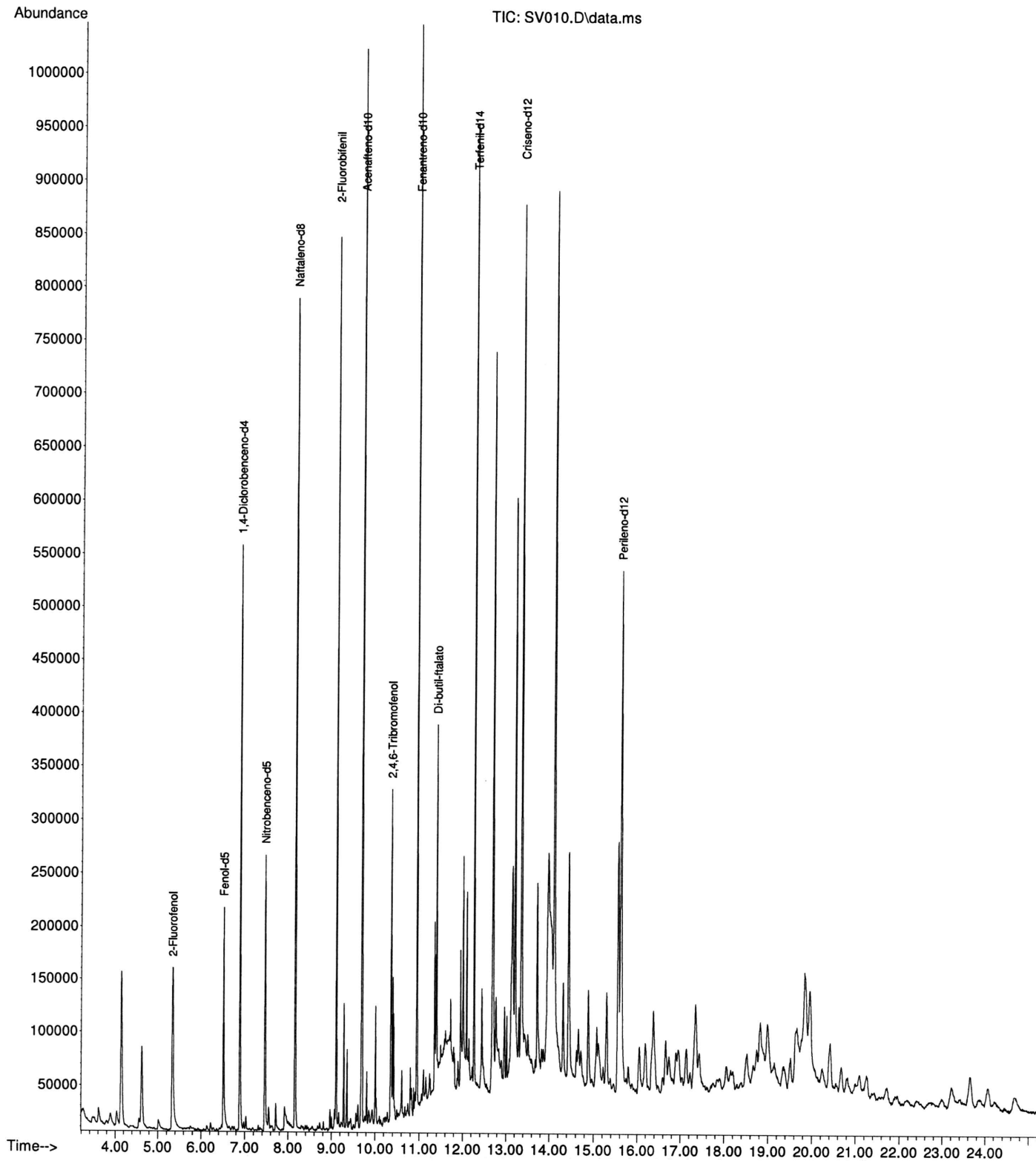
Quant Time: Aug 23 18:36:20 2018  
 Quant Method : C:\msdchem\1\METHODS\2018 SVOCS\SVOCS-JL18-01.M  
 Quant Title : ITSA CRG011  
 QLast Update : Wed Jul 04 18:46:50 2018  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
<b>Internal Standards</b>							
1) 1,4-Diclorobenceno-d4	6.884	152	1266712	20.05	µg/mL	0.00	
28) Naftaleno-d8	8.156	136	4540425	20.05	µg/mL	0.00	
43) Acenafteno-d10	9.695	164	2607418	20.05	µg/mL	0.00	
62) Fenantreno-d10	10.942	188	4335245	20.05	µg/mL	0.00	
71) Criseno-d12	13.355	240	4137558	20.05	µg/mL	0.00	
78) Perileno-d12	15.621	264	4139761	20.05	µg/mL	0.01	
<b>System Monitoring Compounds</b>							
4) 2-Fluorofenol	5.337	112	1132477	13.57	µg/mL	0.00	
Spiked Amount	16.040		Recovery	=	84.60%		
5) Fenol-d5	6.507	99	1310880	12.93	µg/mL	0.00	
Spiked Amount	16.040		Recovery	=	80.61%		
19) Nitrobenzeno-d5	7.463	82	1099056	15.42	µg/mL	0.00	
Spiked Amount	16.040		Recovery	=	96.13%		
37) 2-Fluorobifenil	9.109	172	2990614	17.90	µg/mL	0.00	
Spiked Amount	16.040		Recovery	=	111.60%		
58) 2,4,6-Tribromofenol	10.359	330	463057	16.48	µg/mL	0.00	
Spiked Amount	16.040		Recovery	=	102.74%		
68) Terfenil-d14	12.261	244	3273710	17.67	µg/mL	0.00	
Spiked Amount	16.040		Recovery	=	110.16%		
<b>Target Compounds</b>							
							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) Nitrobenzeno	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	1633100	0.44 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.	

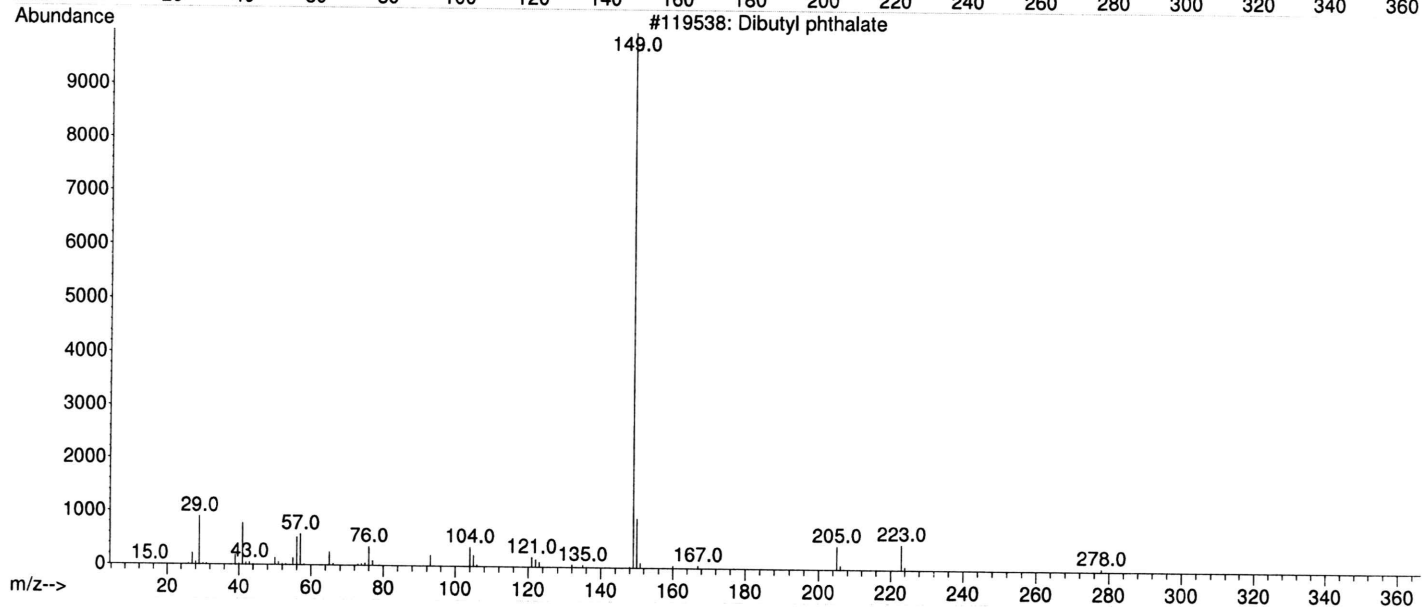
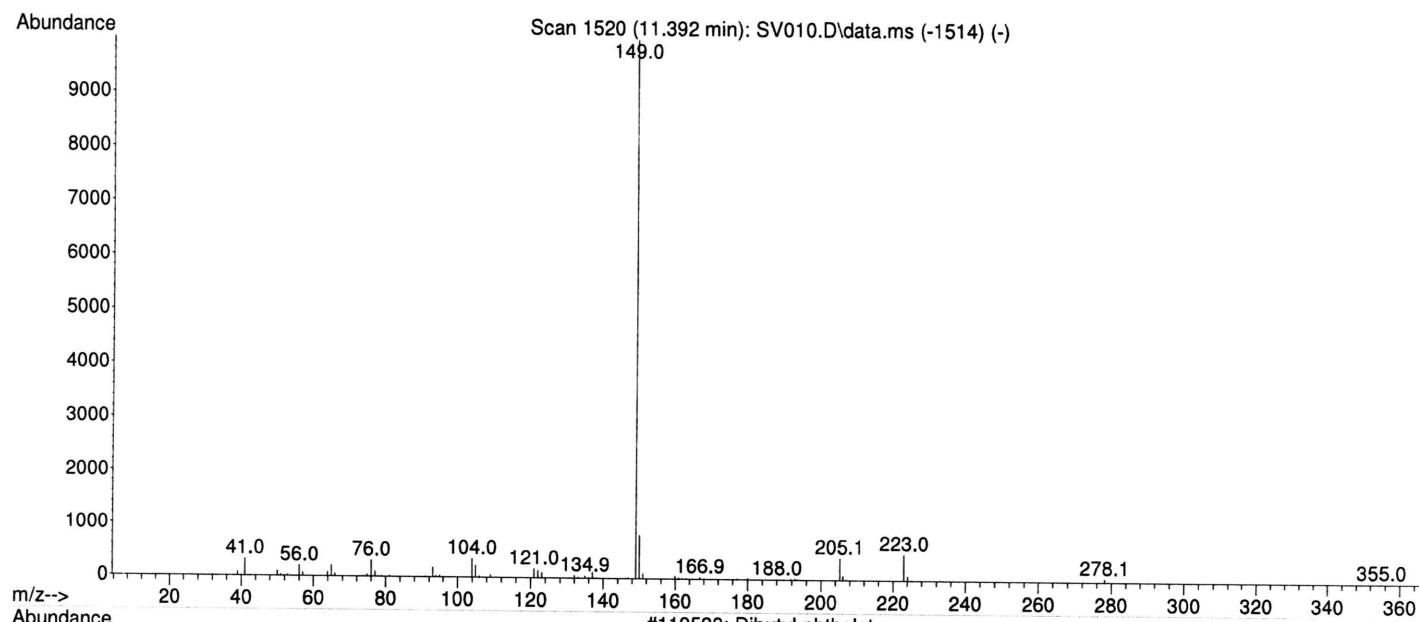
(#) = qualifier out of range (m) = manual integration (+) = signals summed

File :C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Operator : MAS  
Acquired : 22 Aug 2018 6:46 pm using AcqMethod SVOCS.P.M  
Instrument : ITSA CRG 011  
Sample Name: 832506-1 EXT-2018-14p19  
Misc Info : SVOCS SUELO EXT-2018-14p19 MAS 2018-08-22  
Vial Number: 9





Library Searched : C:\Database\NIST08.L  
Quality : 94  
ID : Dibutyl phthalate

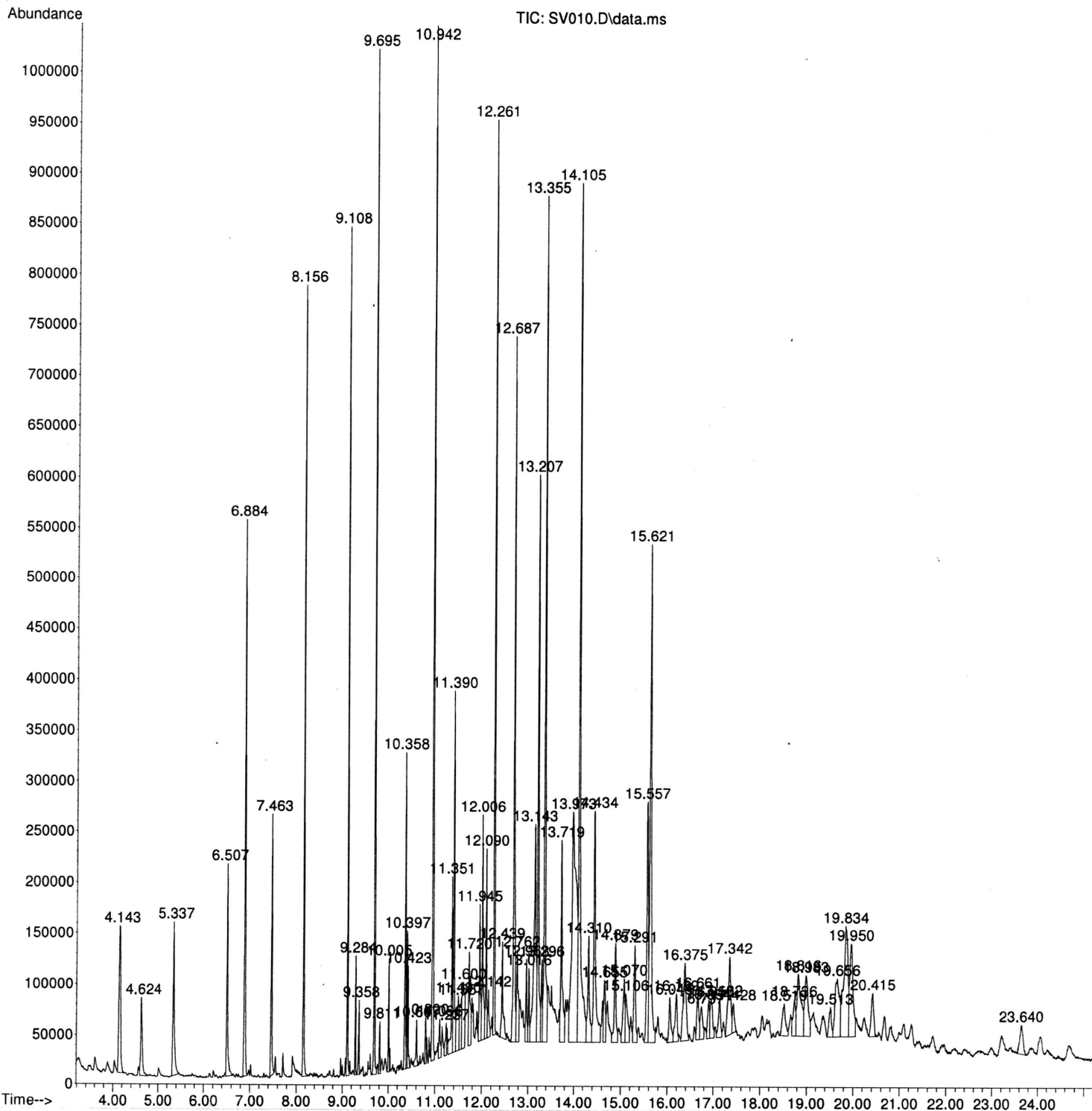


Library Search Report

Data Path : C:\msdchem\1\DATA\2018\AG18\22AG18\  
Data File : SV010.D  
Acq On : 22 Aug 2018 6:46 pm  
Operator : MAS  
Sample : 832506-1 EXT-2018-14p19  
Misc : SVOCS SUELO EXT-2018-14p19 MAS 2018-08-22  
ALS Vial : 9 Sample Multiplier: 0.06667

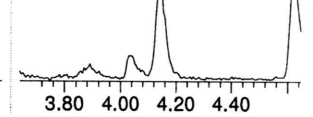
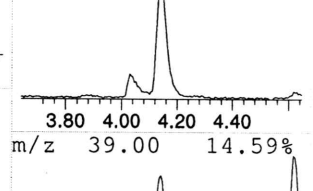
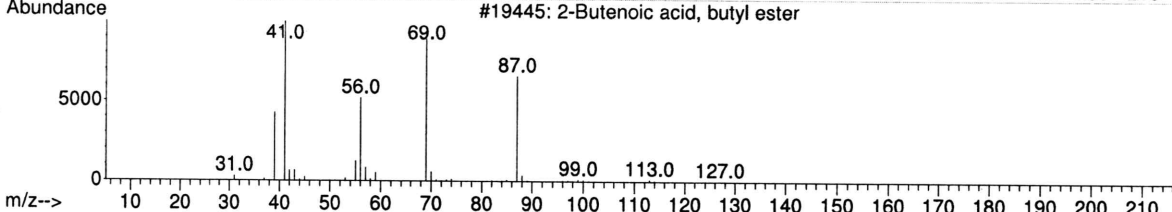
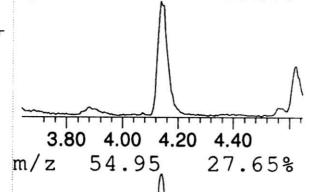
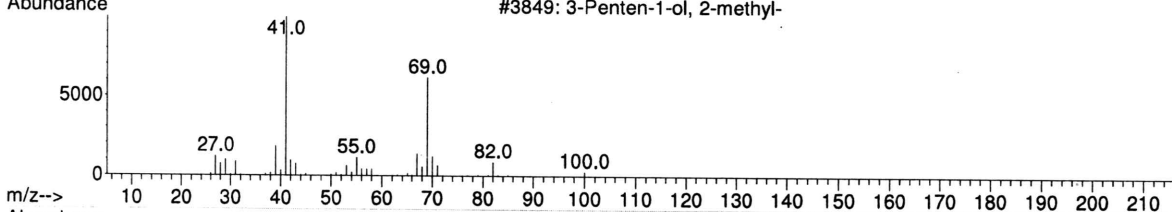
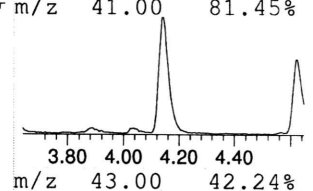
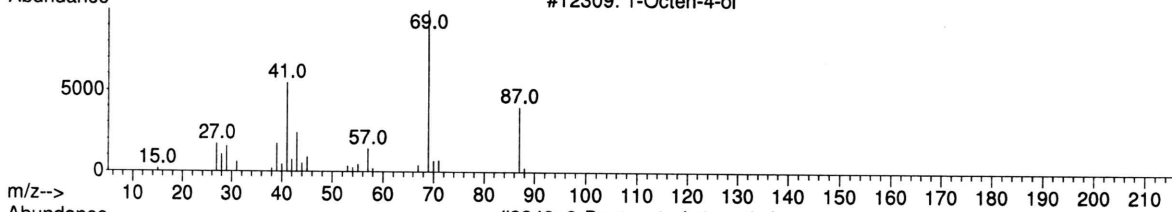
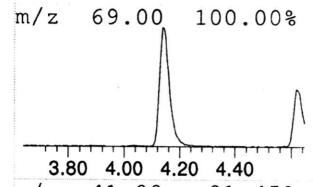
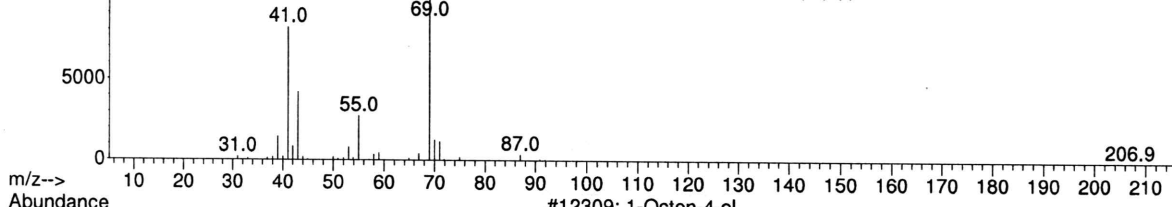
Search Libraries: C:\Database\NIST08.L Minimum Quality: 0

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  
Scan 178 (4.143 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

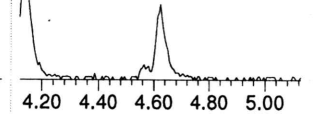
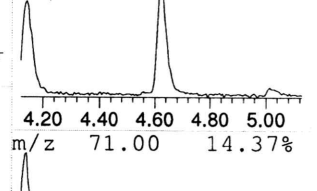
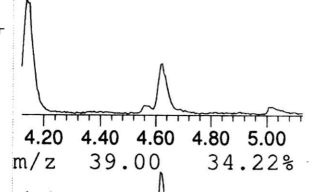
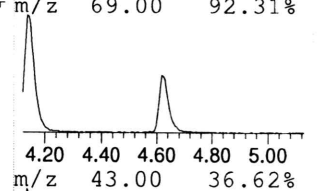
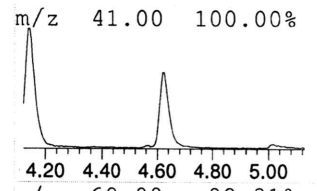
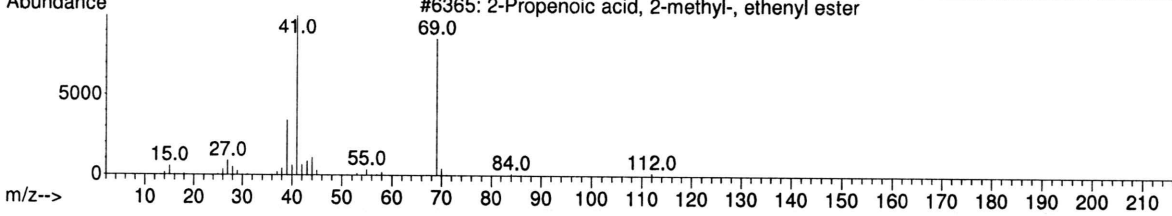
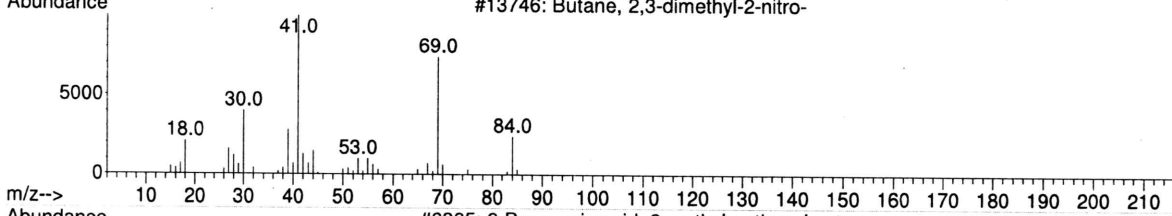
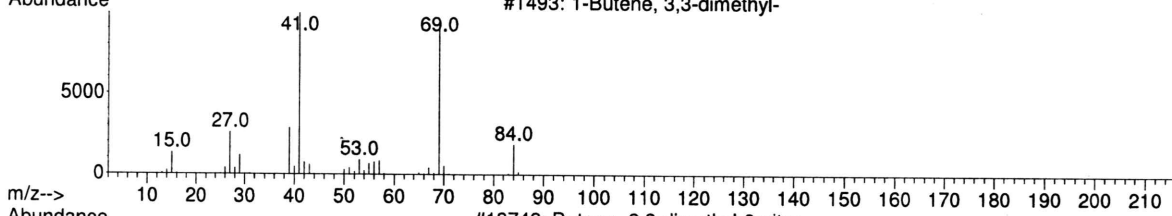
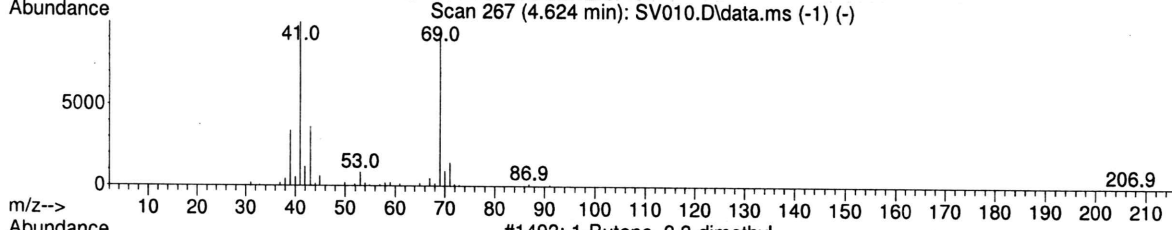
Peak Number: 1 at 4.143 min Area: 3705171 Area % 1.38

The 3 best hits from each library.

Ref\#	CAS\#	Qual
C:\Database\NIST08.L		
1	12309 040575-42-6	43
2	3849 062238-37-3	10
3	19445 007299-91-4	9

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
 Scan 267 (4.624 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

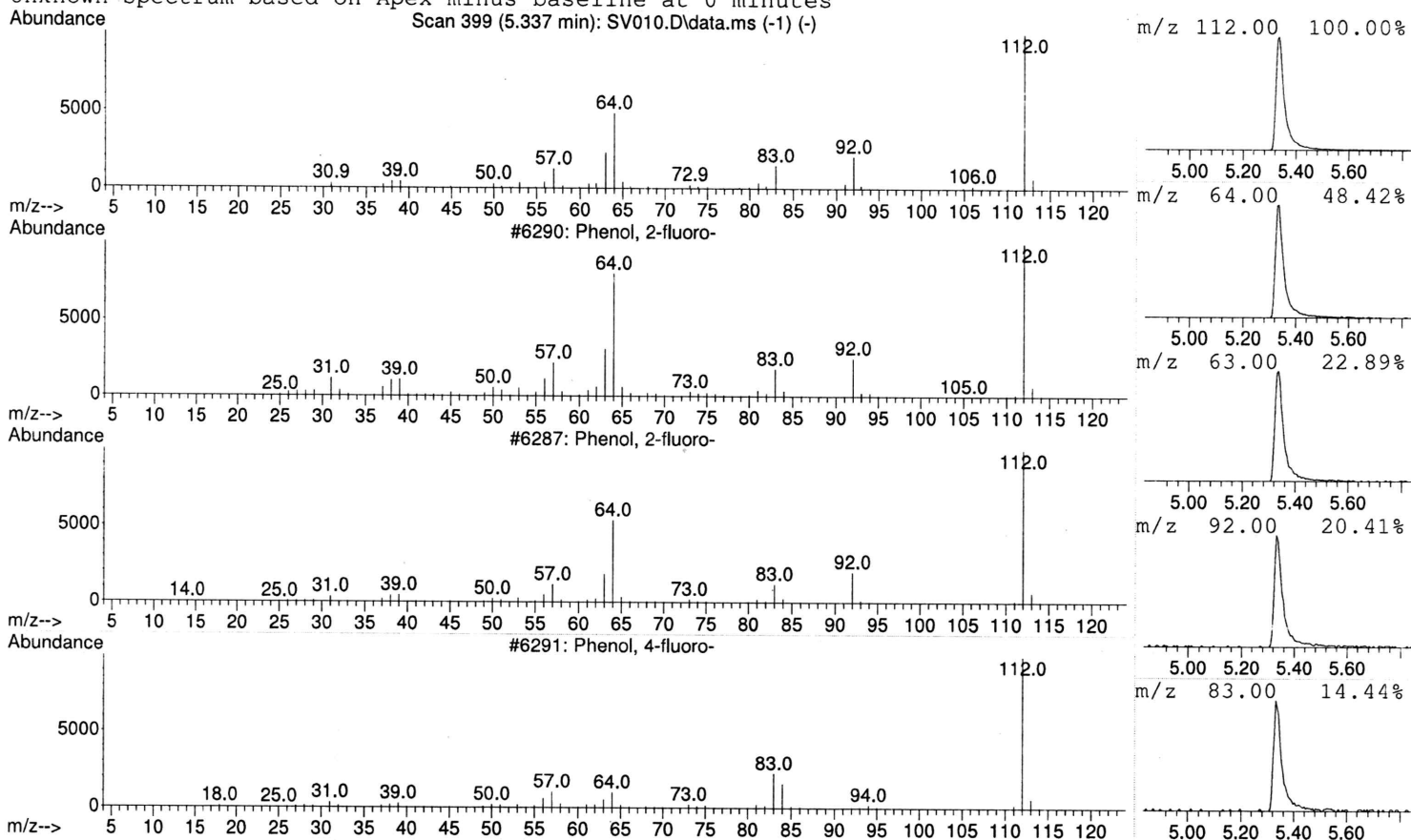
Peak Number: 2 at 4.624 min Area: 1975267 Area % 0.74

The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	1493 000558-37-2	40
2	13746 034075-28-0	39
3	6365 004245-37-8	39

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

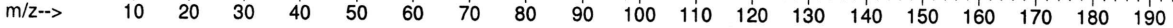
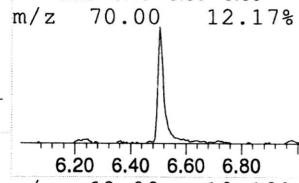
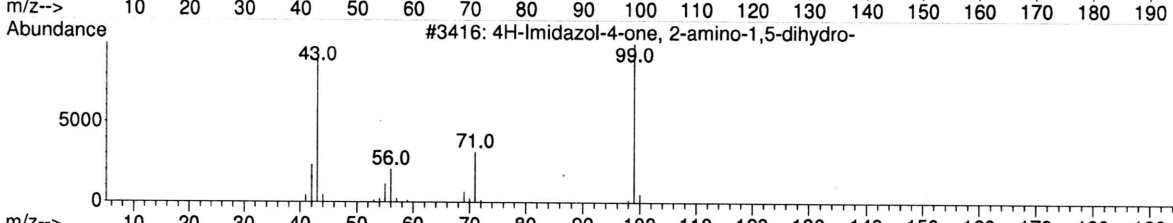
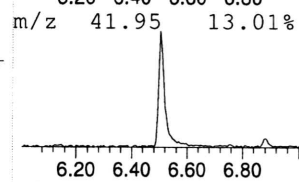
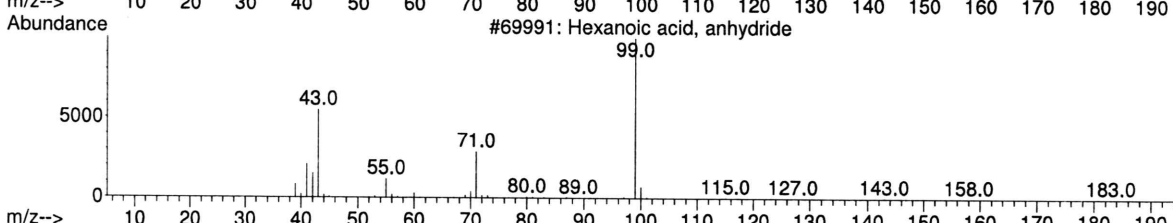
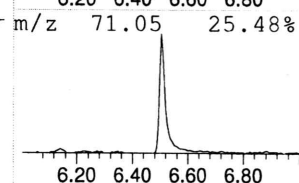
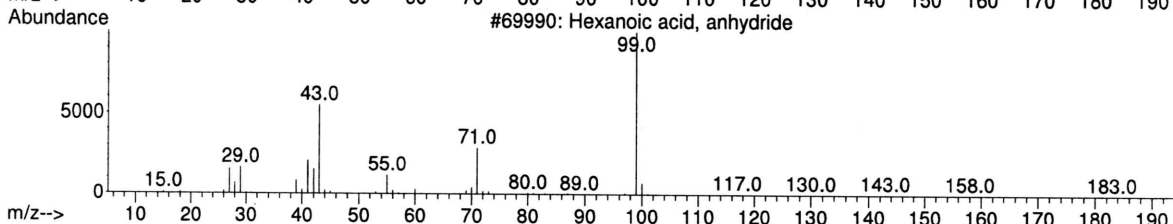
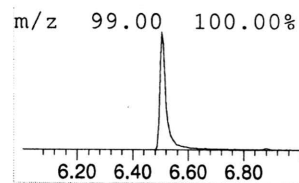
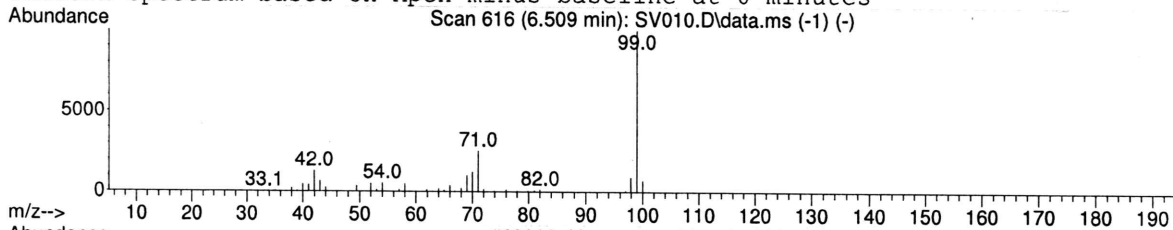
Peak Number: 3 at 5.337 min Area: 3462919 Area % 1.29

The 3 best hits from each library.

Ref\#	CAS\#	Qual
C:\Database\NIST08.L		
1	6290 000367-12-4	91
2	6287 000367-12-4	91
3	6291 000371-41-5	22

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

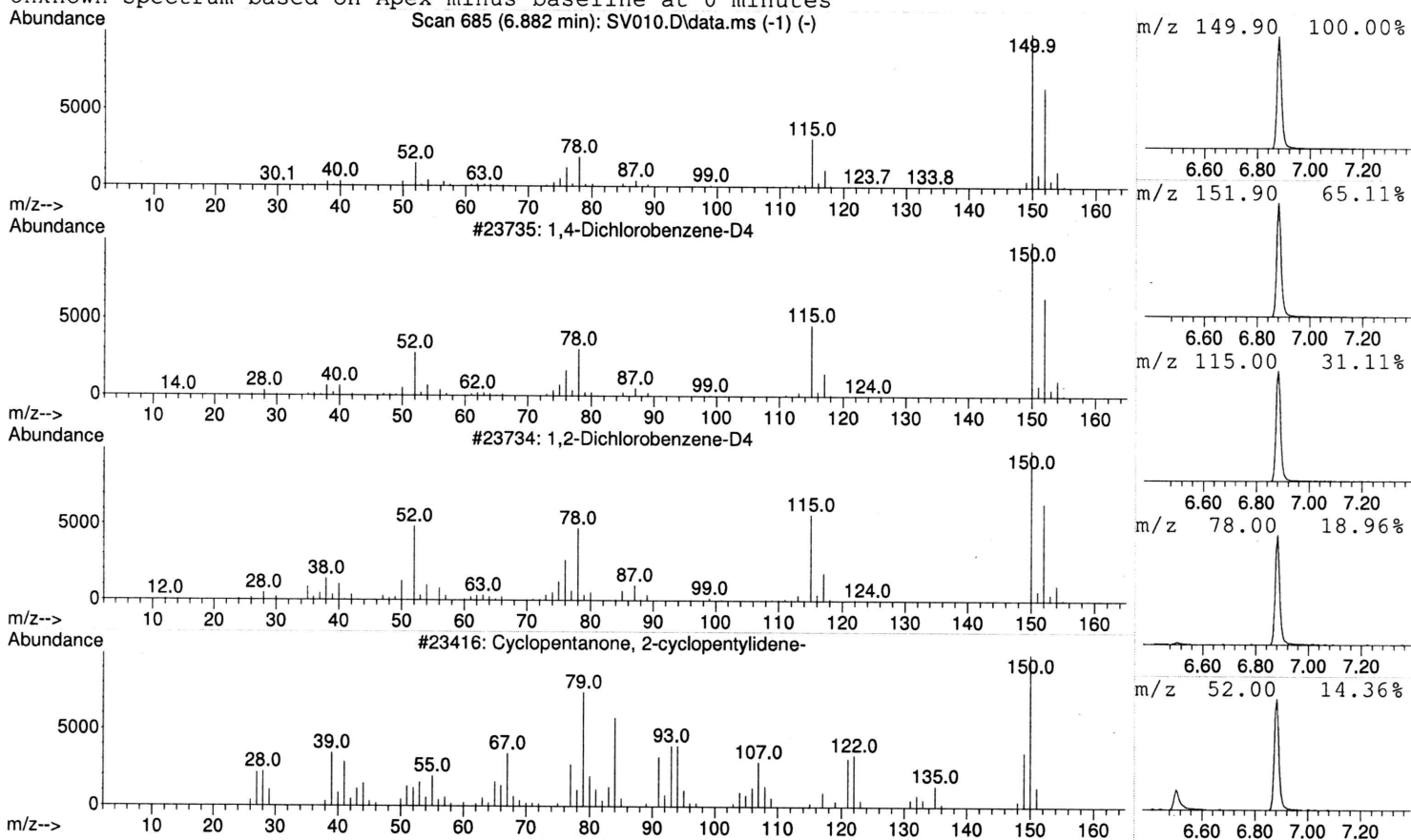
Peak Number: 4 at 6.509 min Area: 3256675 Area % 1.22

The 3 best hits from each library.

	Ref\#	CAS\#	Qual
-----			
C:\Database\NIST08.L			
1 Hexanoic acid, anhydride	69990	002051-49-2	50
2 Hexanoic acid, anhydride	69991	002051-49-2	50
3 4H-Imidazol-4-one, 2-amino-1,5-d...	3416	000503-86-6	45

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

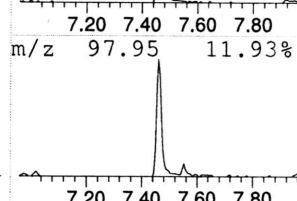
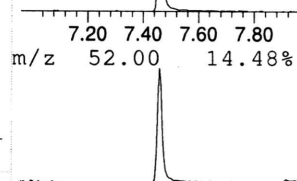
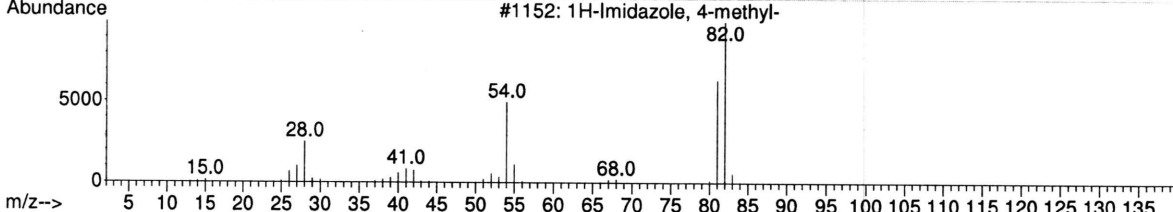
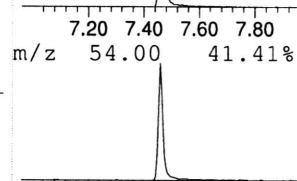
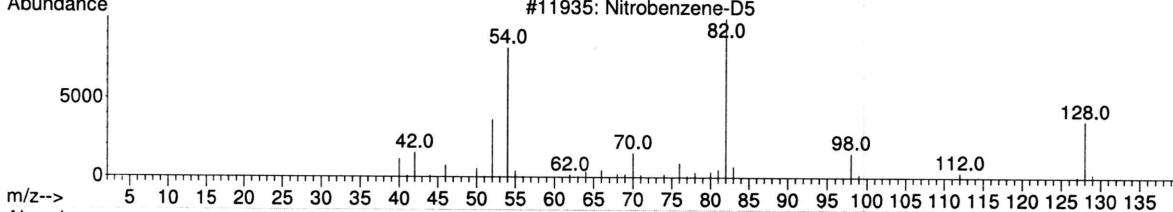
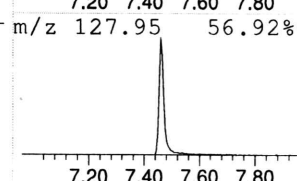
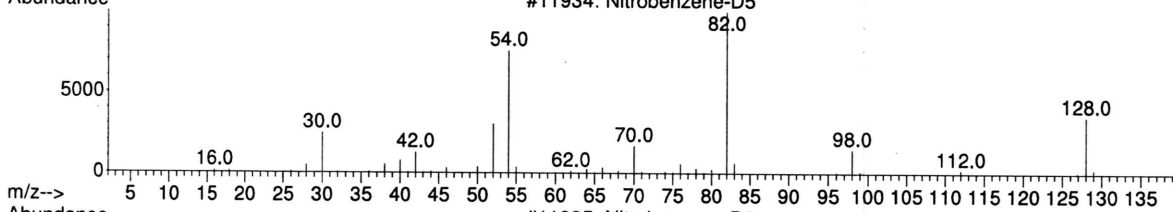
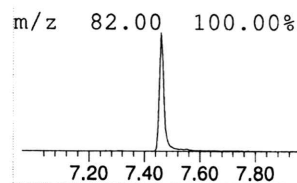
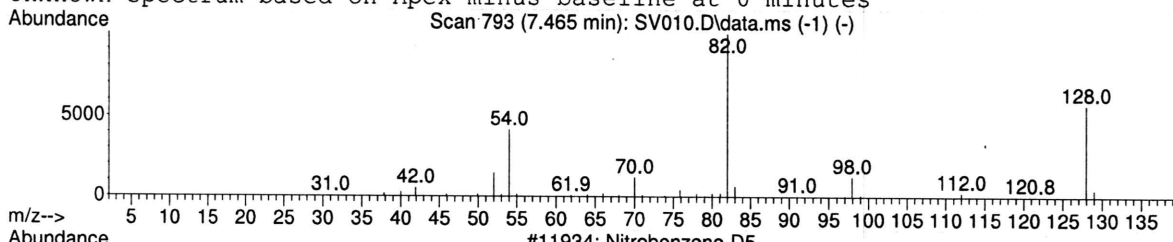
Peak Number: 5 at 6.882 min Area: 6770646 Area % 2.53

The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	23735	94
2	23734	91
3	23416	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\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 6 at 7.465 min Area: 3067031 Area % 1.15

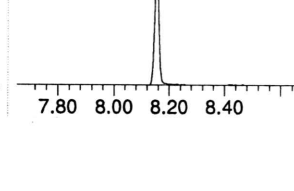
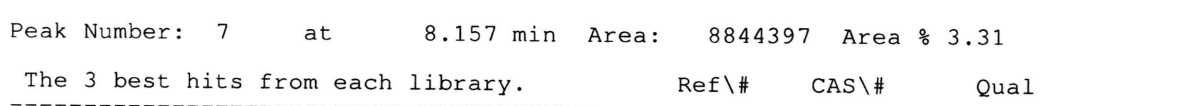
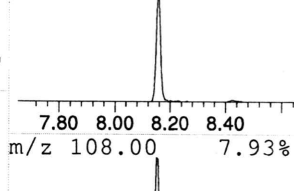
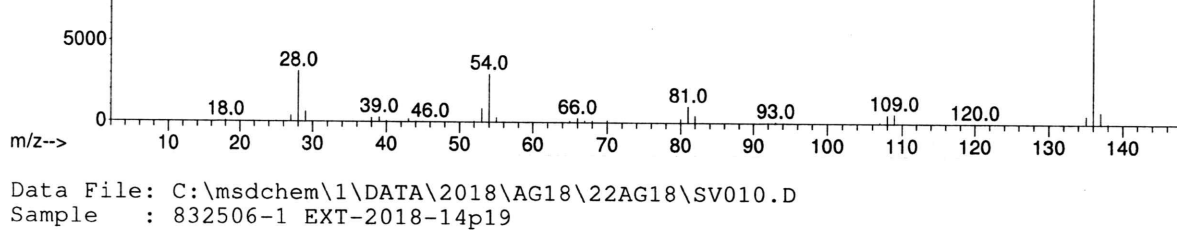
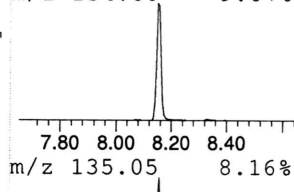
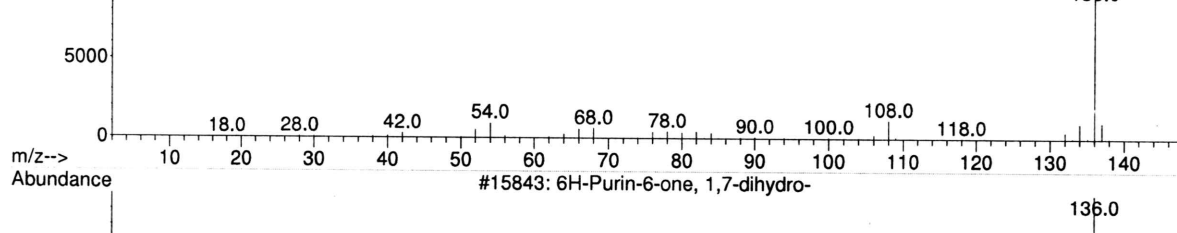
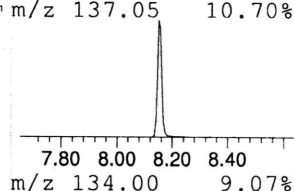
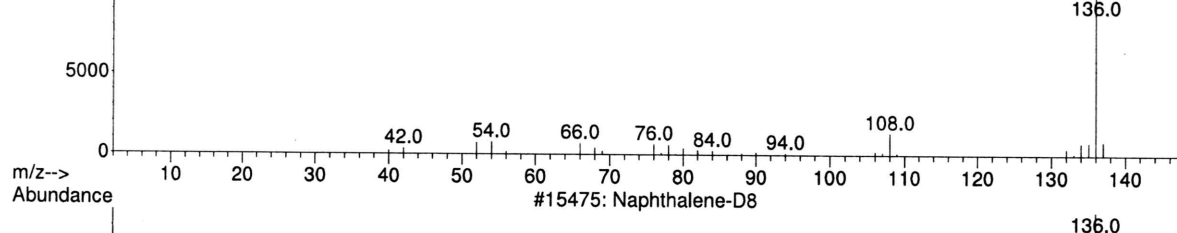
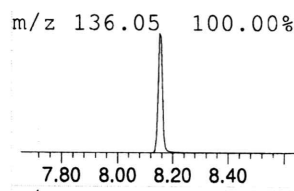
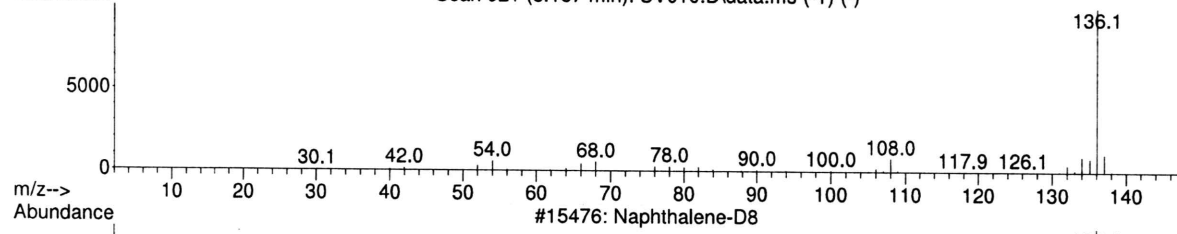
The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	11934 004165-60-0	47
2	11935 004165-60-0	43
3	1152 000822-36-6	38



Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 921 (8.157 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

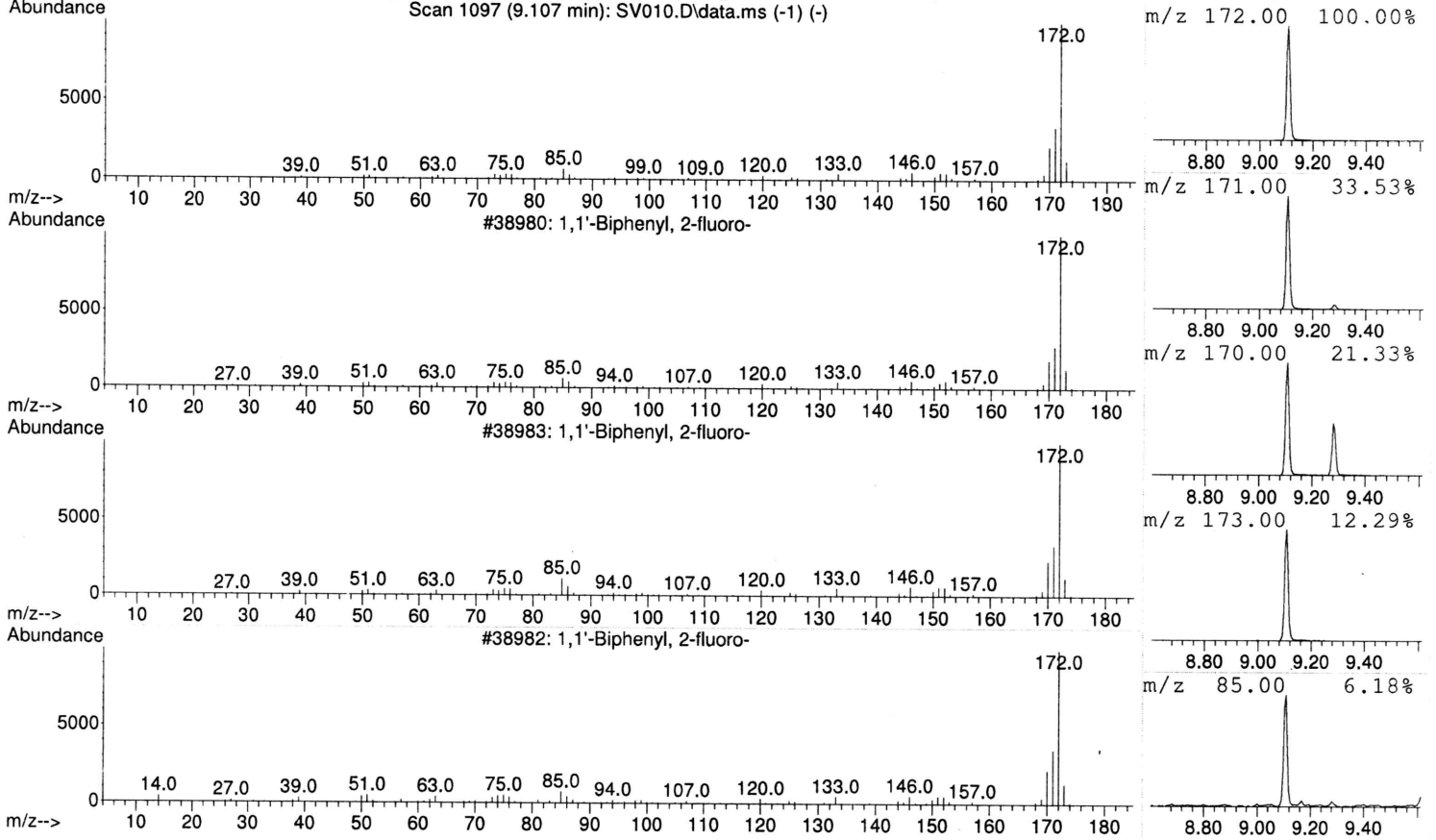
Peak Number: 7 at 8.157 min Area: 8844397 Area % 3.31

The 3 best hits from each library.

	Ref\#	CAS\#	Qual
-----			
C:\Database\NIST08.L			
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): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

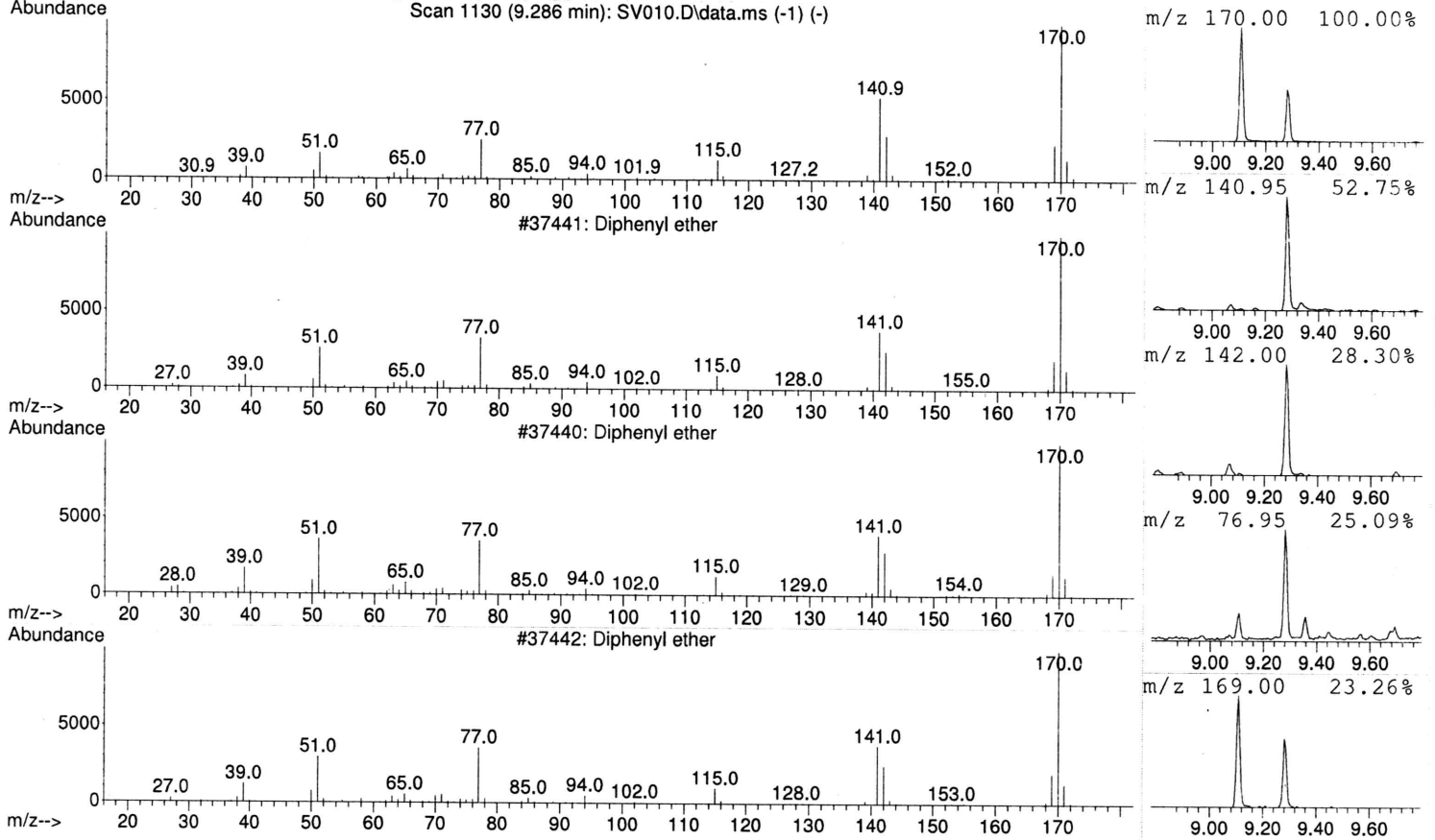
Peak Number: 8 at 9.107 min Area: 8055625 Area % 3.01

The 3 best hits from each library.

	Ref\#	CAS\#	Qual
-----			
C:\Database\NIST08.L			
1	38980	000321-60-8	95
2	38983	000321-60-8	93
3	38982	000321-60-8	93

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
 Scan 1130 (9.286 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

Peak Number: 9 at 9.286 min Area: 1099334 Area % 0.41

The 3 best hits from each library.

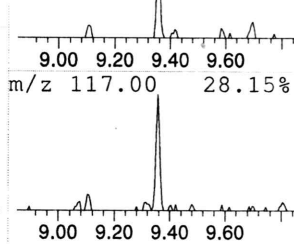
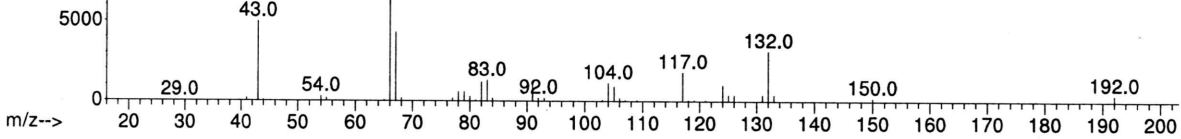
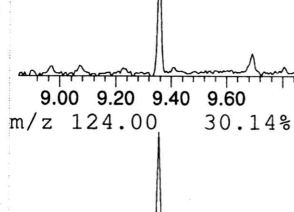
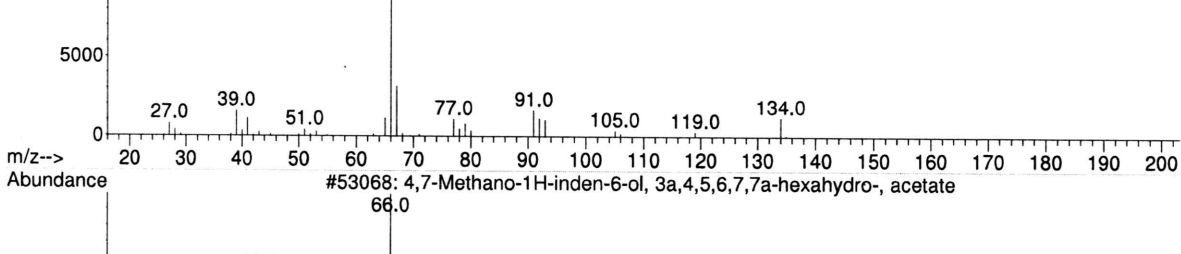
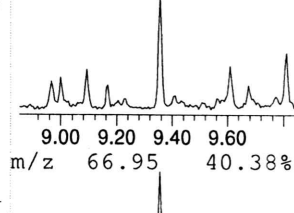
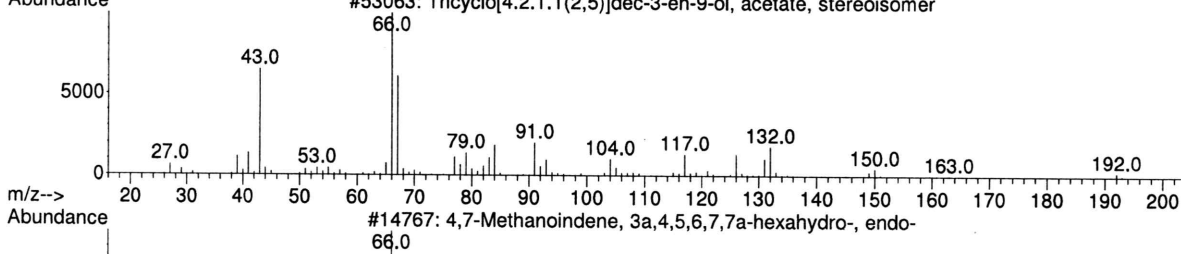
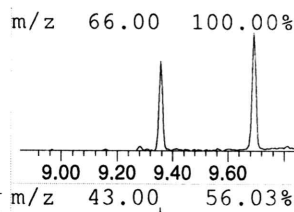
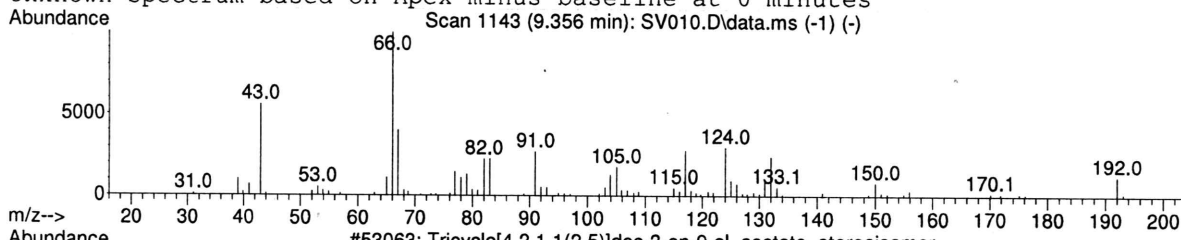
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	37441 000101-84-8	91
2	37440 000101-84-8	87
3	37442 000101-84-8	86

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

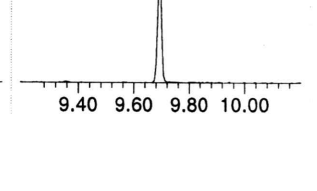
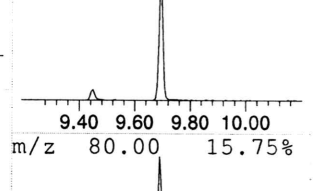
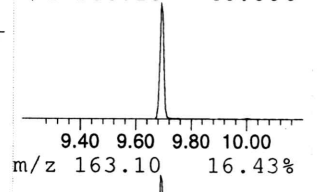
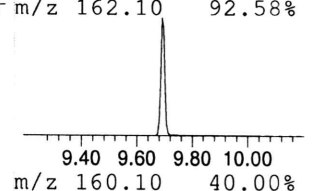
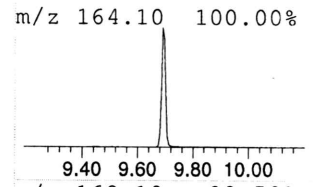
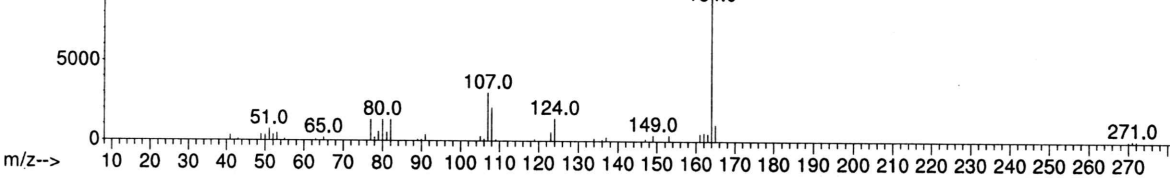
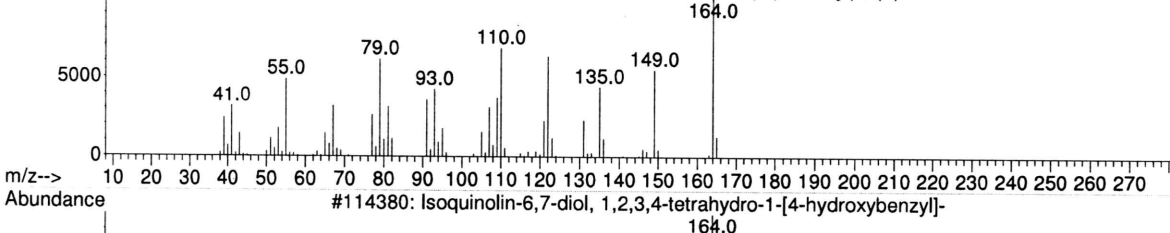
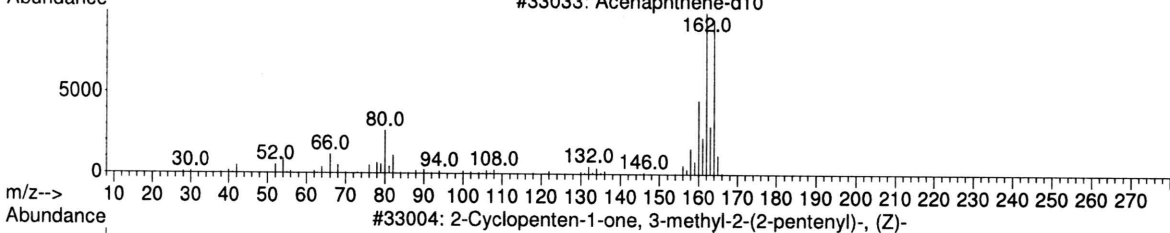
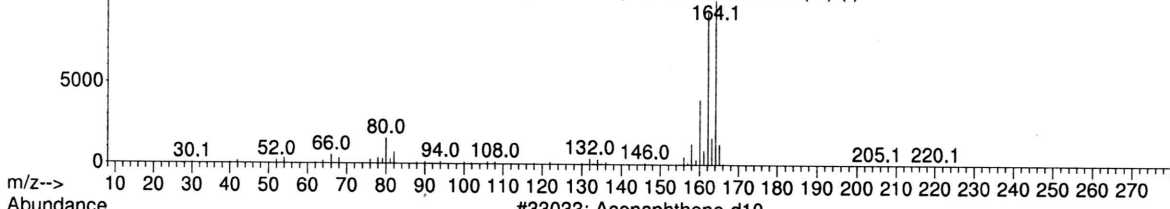
Peak Number: 10 at 9.356 min Area: 724049 Area % 0.27

The 3 best hits from each library.

Ref\#	CAS\#	Qual
-----		
C:\Database\NIST08.L		
1	53063 119405-11-7	80
2	14767 002825-86-7	58
3	53068 005413-60-5	56

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1206 (9.696 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

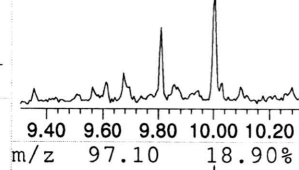
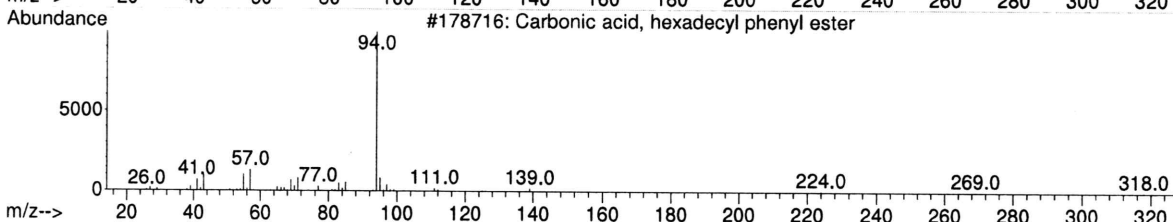
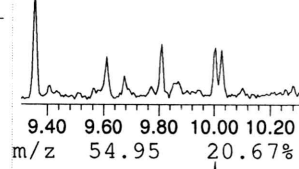
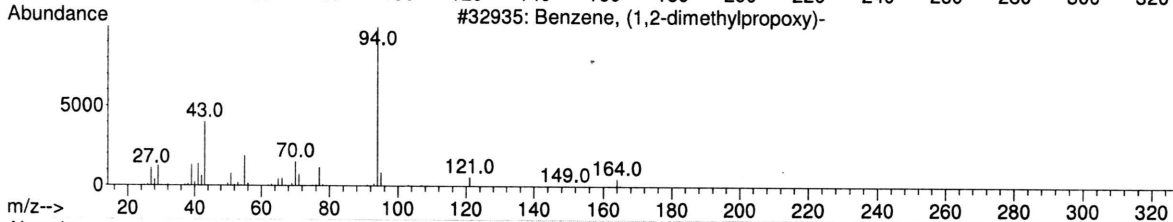
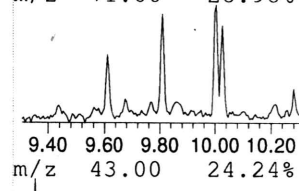
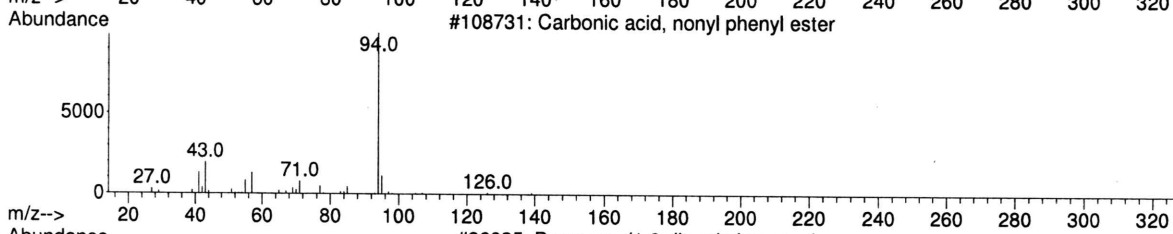
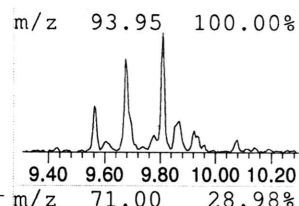
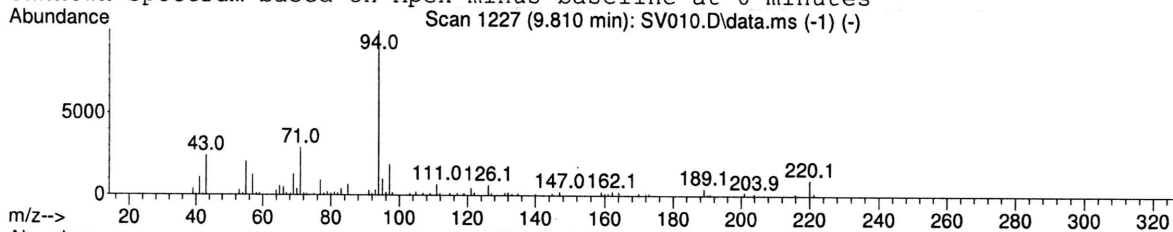
Peak Number: 11 at 9.696 min Area: 10375934 Area % 3.88

The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	33033 015067-26-2	90
2	33004 000488-10-8	27
3	114380 1000129-07-1	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\SV010.D

Sample : 832506-1 EXT-2018-14p19

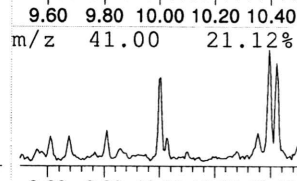
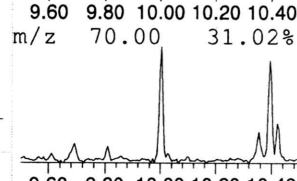
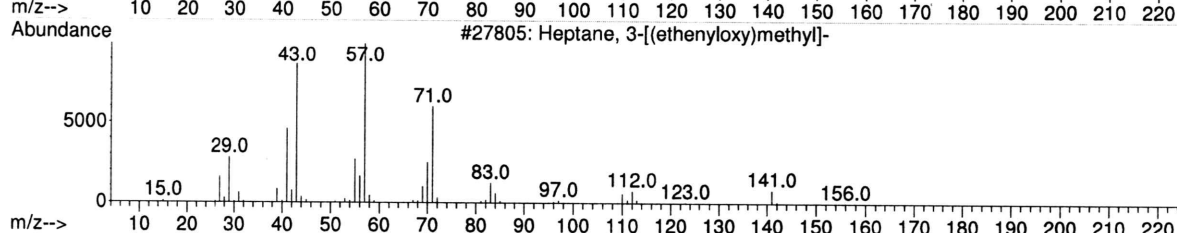
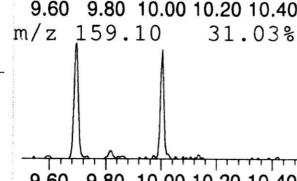
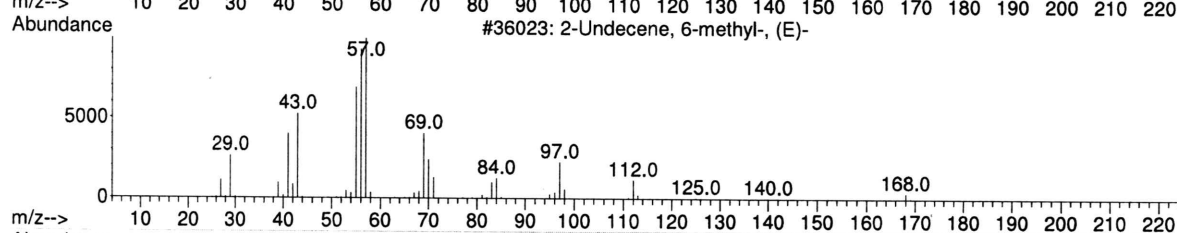
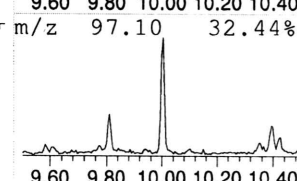
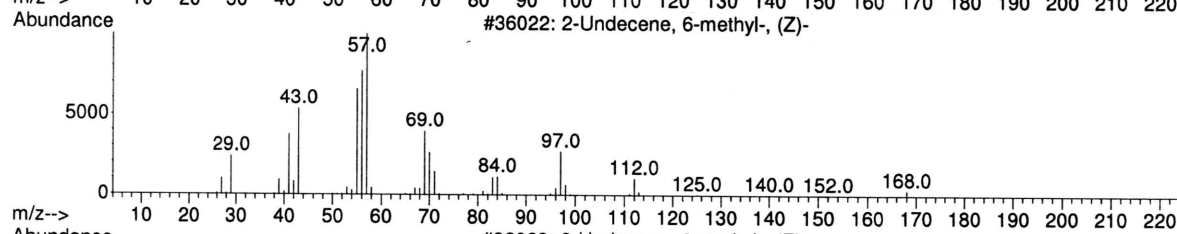
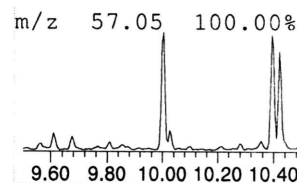
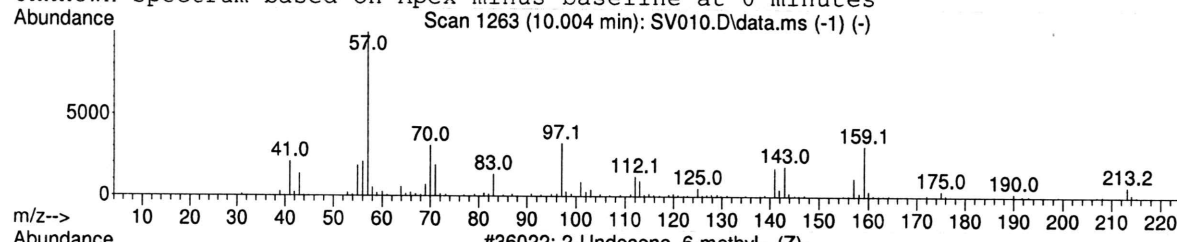
Peak Number: 12 at 9.810 min Area: 514842 Area % 0.19

The 3 best hits from each library.

Ref\#	CAS\#	Qual
-----		
C:\Database\NIST08.L		
1	Carboxylic acid, nonyl phenyl ester 108731 1000314-57-3	50
2	Benzene, (1,2-dimethylpropoxy)- 32935 062338-26-5	50
3	Carboxylic acid, hexadecyl phenyl ... 178716 1000314-58-0	50

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1263 (10.004 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

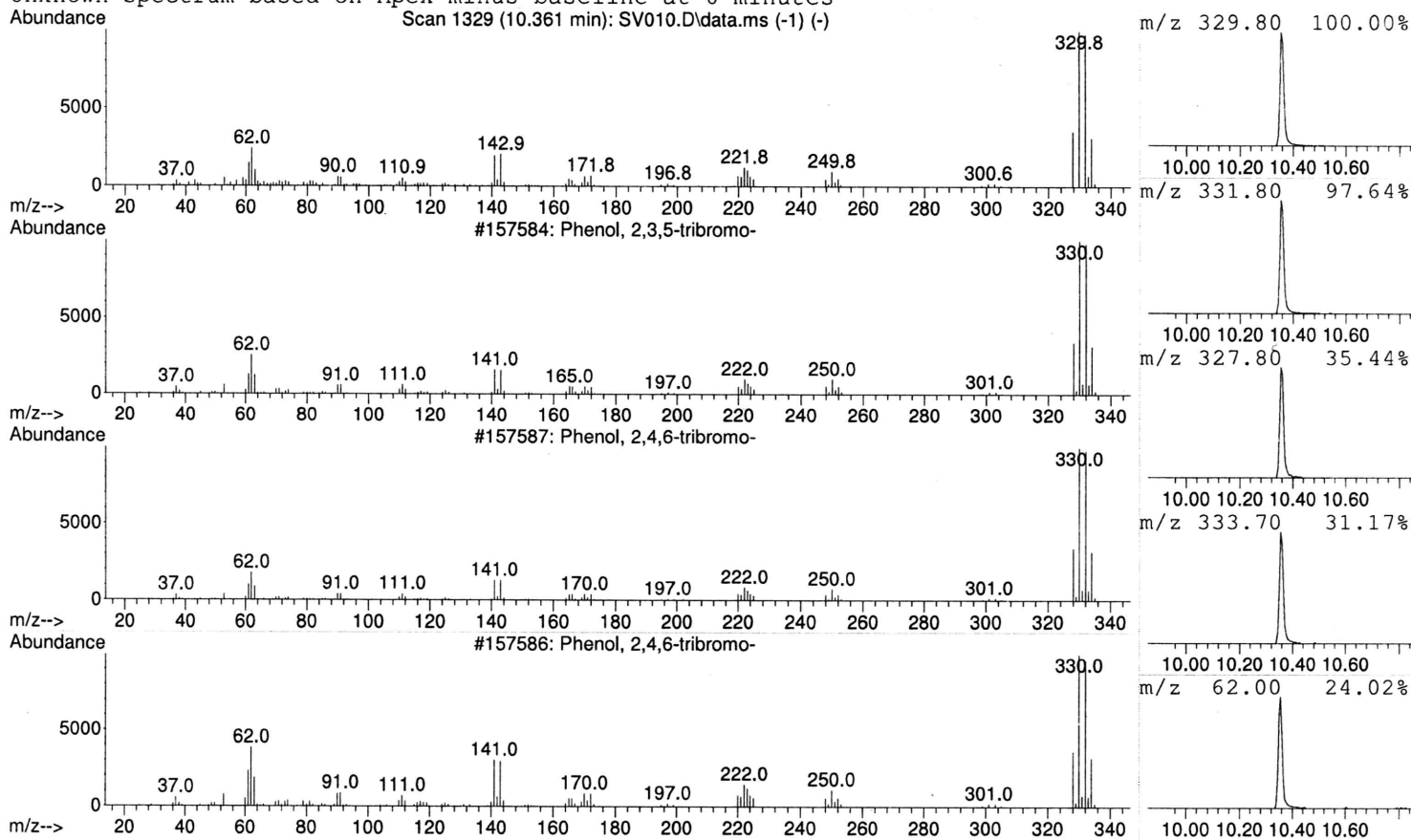
Peak Number: 13 at 10.004 min Area: 1069566 Area % 0.40

The 3 best hits from each library.

	Ref\#	CAS\#	Qual
-----			
C:\Database\NIST08.L			
1 2-Undecene, 6-methyl-, (Z)-	36022	074630-43-6	38
2 2-Undecene, 6-methyl-, (E)-	36023	074630-61-8	38
3 Heptane, 3-[(ethenyloxy)methyl]-	27805	000103-44-6	27

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1329 (10.361 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

Peak Number: 14 at 10.361 min Area: 3248520 Area % 1.21

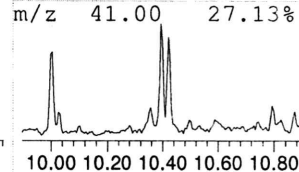
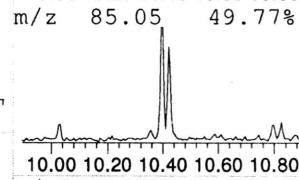
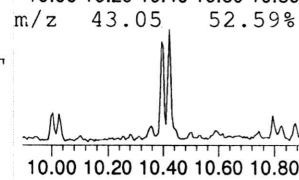
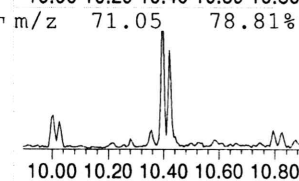
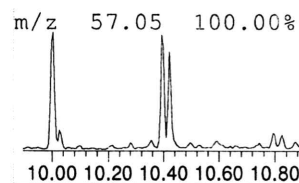
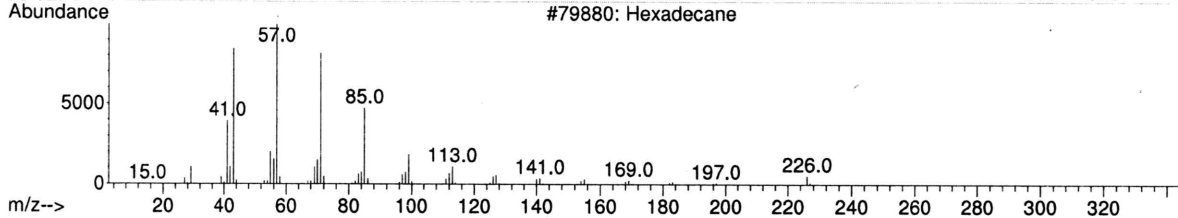
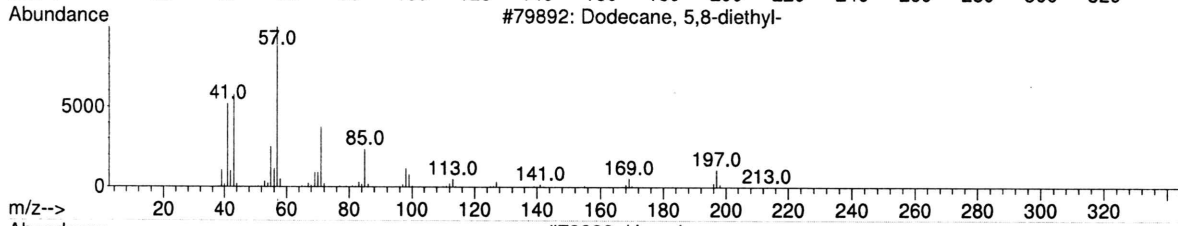
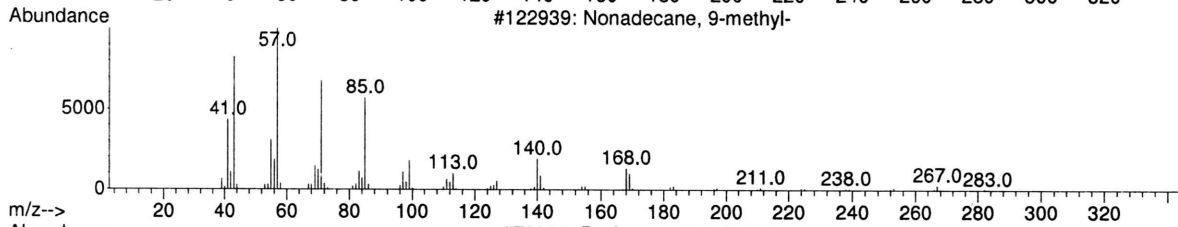
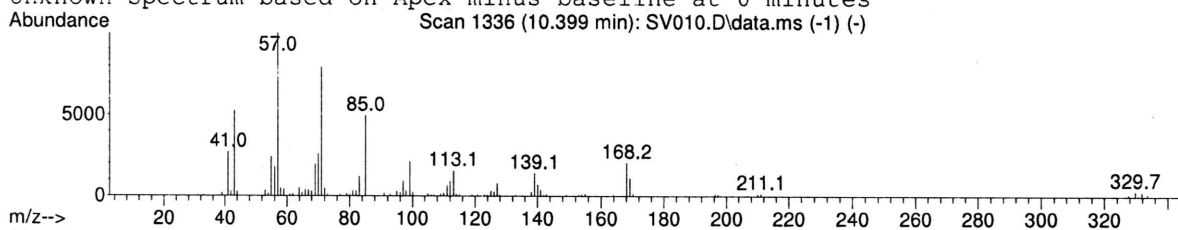
The 3 best hits from each library.

Ref\#	CAS\#	Qual
-----		
C:\Database\NIST08.L		
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 1336 (10.399 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

Peak Number: 15 at 10.399 min Area: 1332642 Area % 0.50

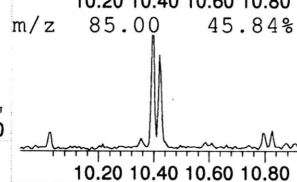
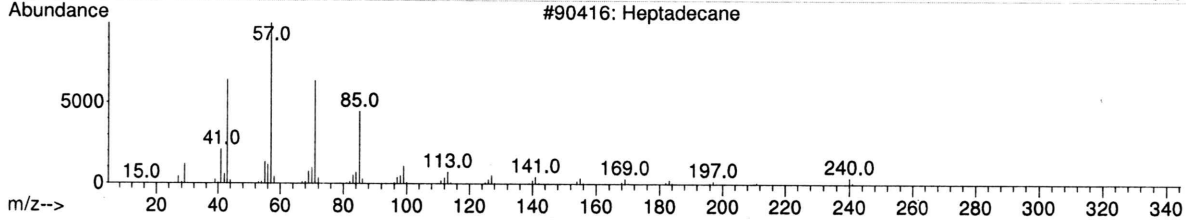
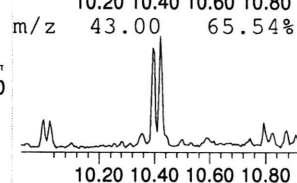
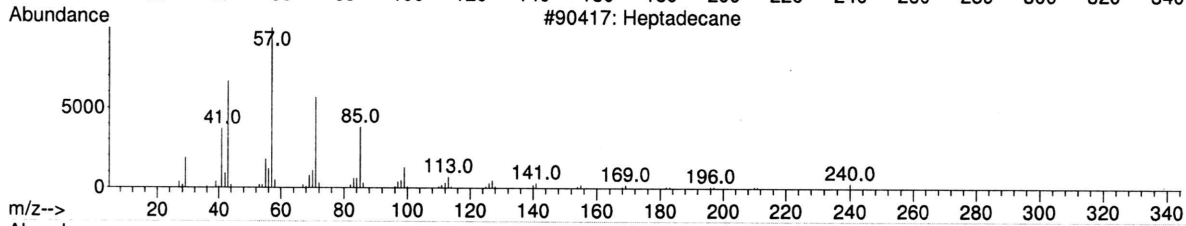
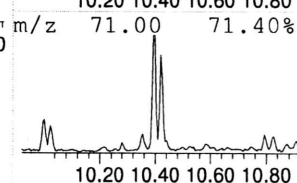
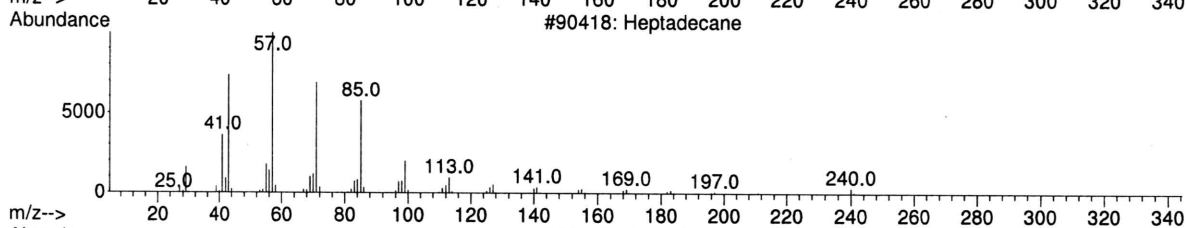
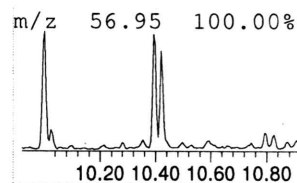
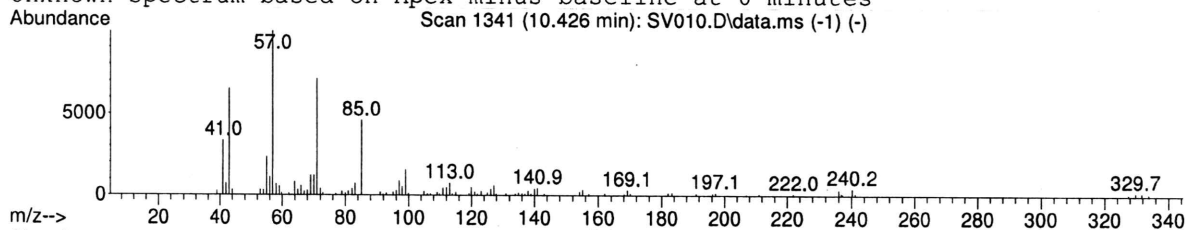
The 3 best hits from each library.

Ref\# CAS\# Qual

Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Nonadecane, 9-methyl-	122939	013287-24-6	80
2 Dodecane, 5,8-diethyl-	79892	024251-86-3	64
3 Hexadecane	79880	000544-76-3	59

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1341 (10.426 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

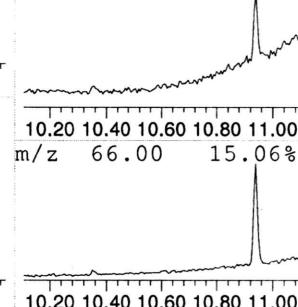
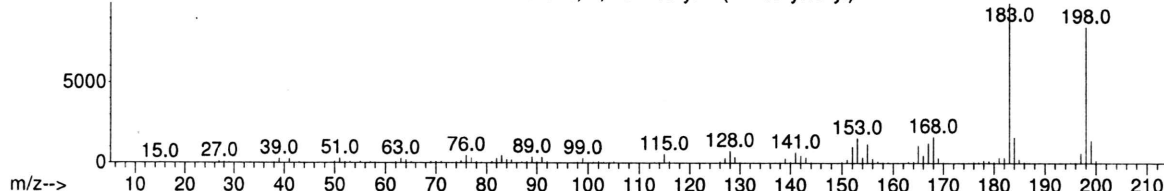
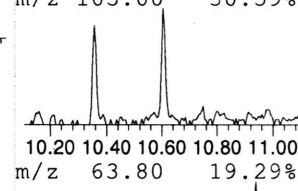
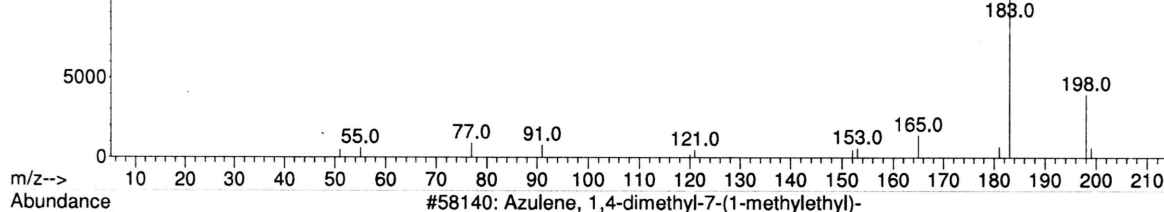
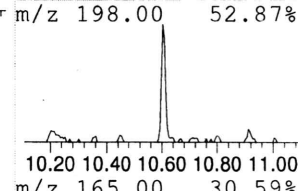
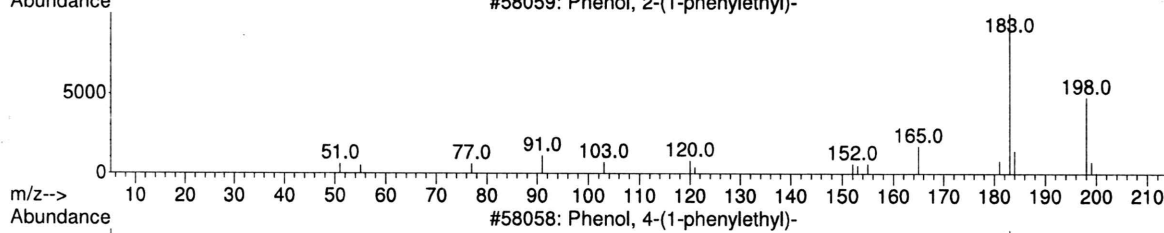
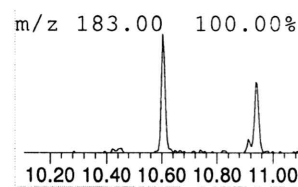
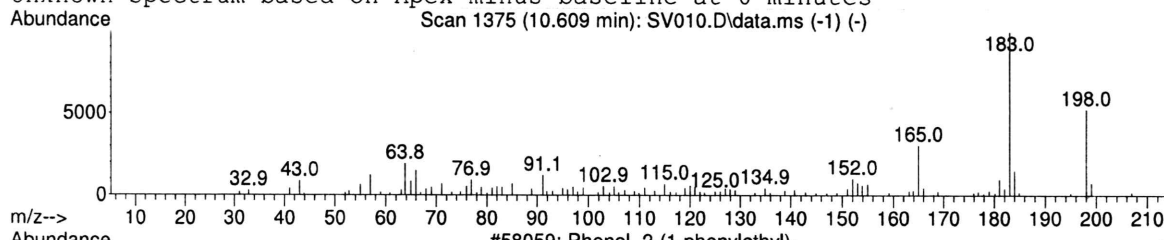
Peak Number: 16 at 10.426 min Area: 1016713 Area % 0.38

The 3 best hits from each library.

	Ref\#	CAS\#	Qual
-----			
C:\Database\NIST08.L			
1 Heptadecane	90418	000629-78-7	97
2 Heptadecane	90417	000629-78-7	96
3 Heptadecane	90416	000629-78-7	95

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

Peak Number: 17 at 10.609 min Area: 677689 Area % 0.25

The 3 best hits from each library.

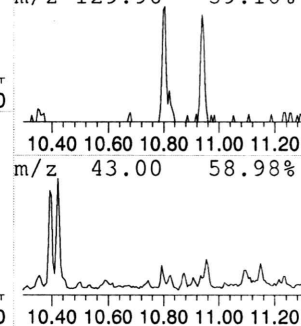
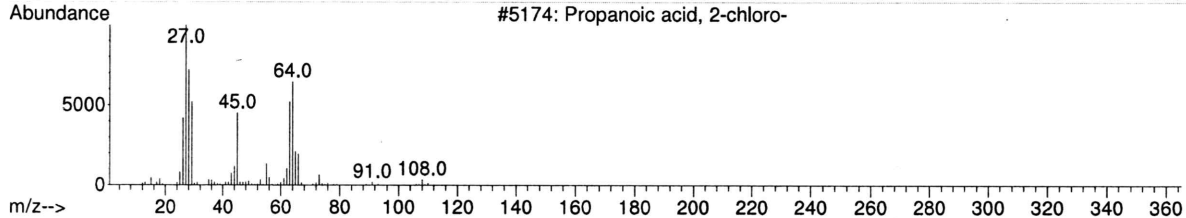
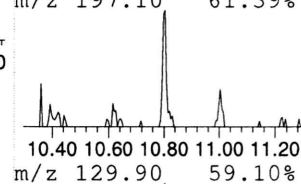
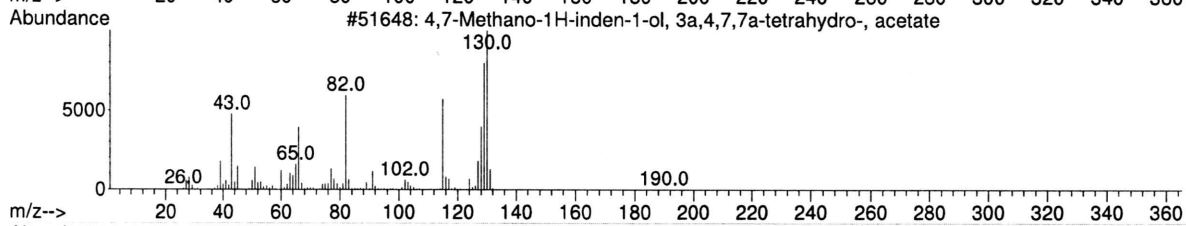
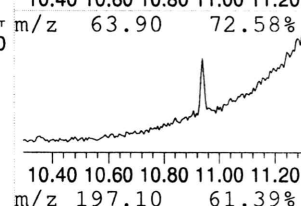
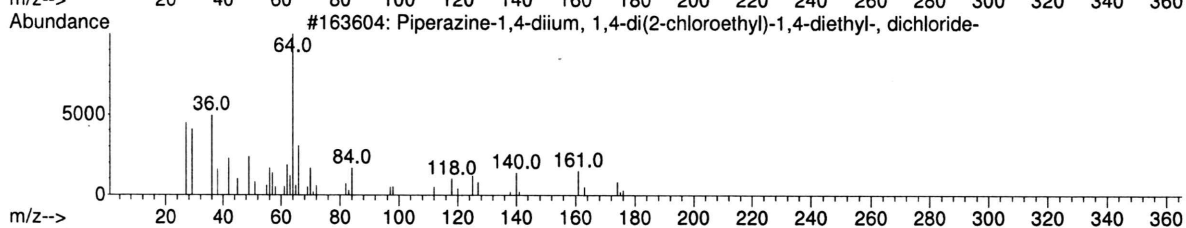
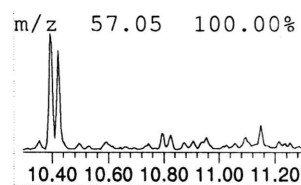
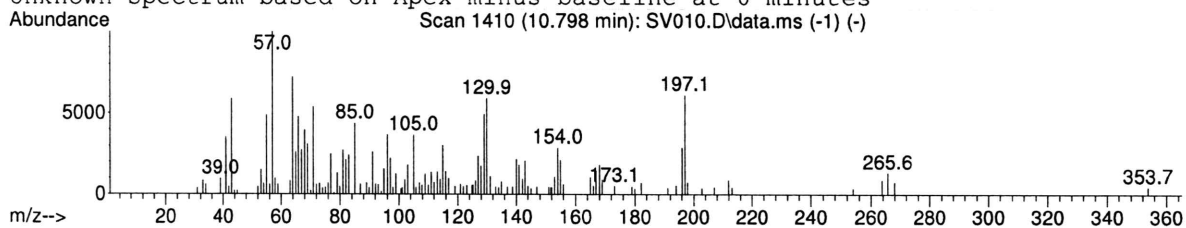
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	58059 004237-44-9	90
2	58058 001988-89-2	76
3	58140 000489-84-9	70

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 18 at 10.798 min Area: 467668 Area % 0.17

The 3 best hits from each library.

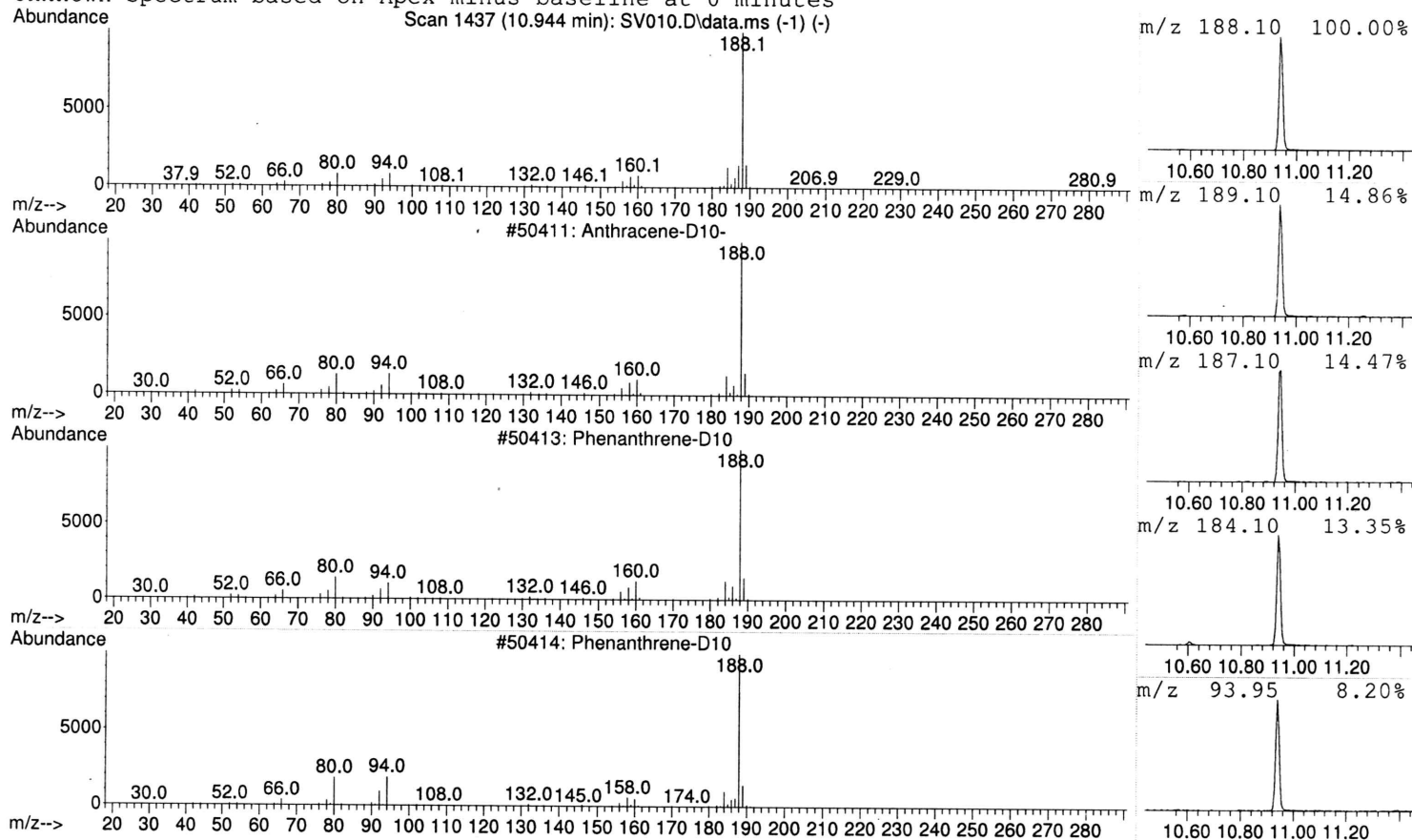
Ref\# CAS\# Qual

C:\Database\NIST08.L

Rank	Library Name	Ref\#	CAS\#	Qual
1	Piperazine-1,4-dium, 1,4-di(2-c...	163604	1000273-25-4	17
2	4,7-Methano-1H-inden-1-ol, 3a,4,...	51648	016327-40-5	17
3	Propanoic acid, 2-chloro-	5174	000598-78-7	17

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1437 (10.944 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

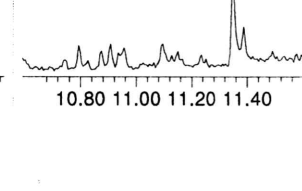
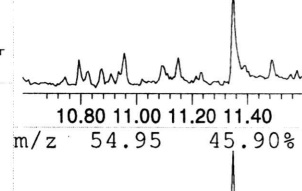
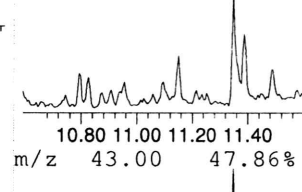
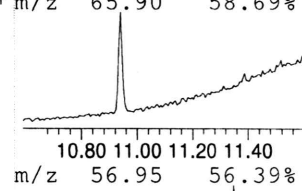
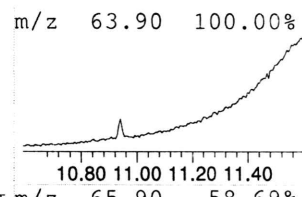
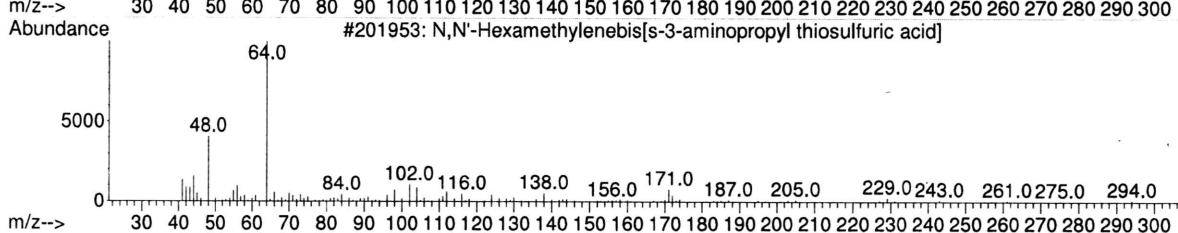
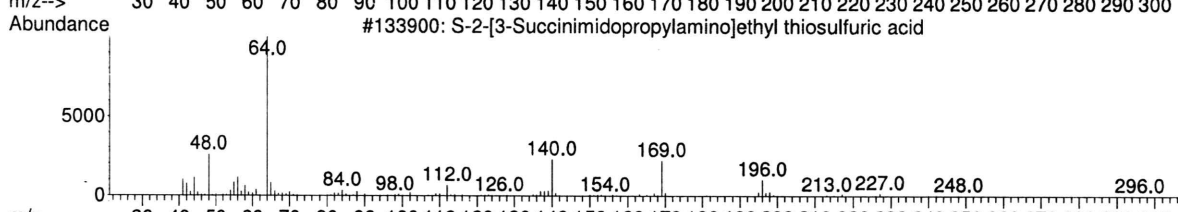
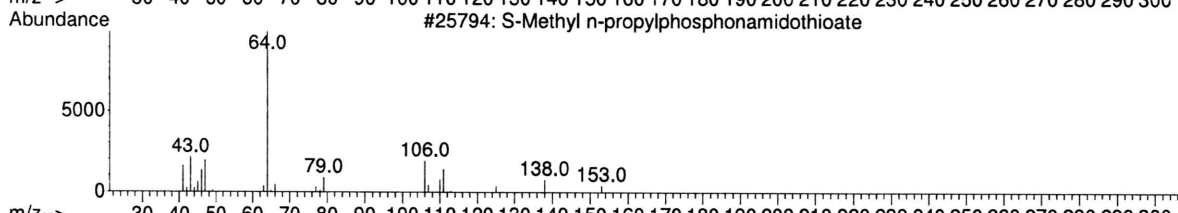
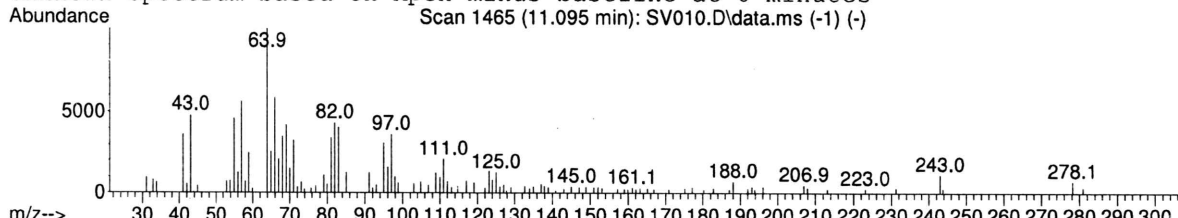
Peak Number: 19 at 10.944 min Area: 10609373 Area % 3.96

The 3 best hits from each library.

	Ref\#	CAS\#	Qual
-----			
C:\Database\NIST08.L			
1 Anthracene-D10-	50411	001719-06-8	95
2 Phenanthrene-D10	50413	001517-22-2	95
3 Phenanthrene-D10	50414	001517-22-2	91

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1465 (11.095 min): SV010.D\data.ms (-) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 20 at 11.095 min Area: 741744 Area % 0.28

The 3 best hits from each library.

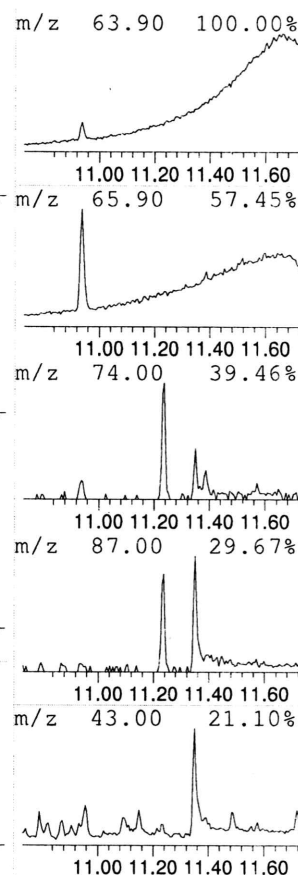
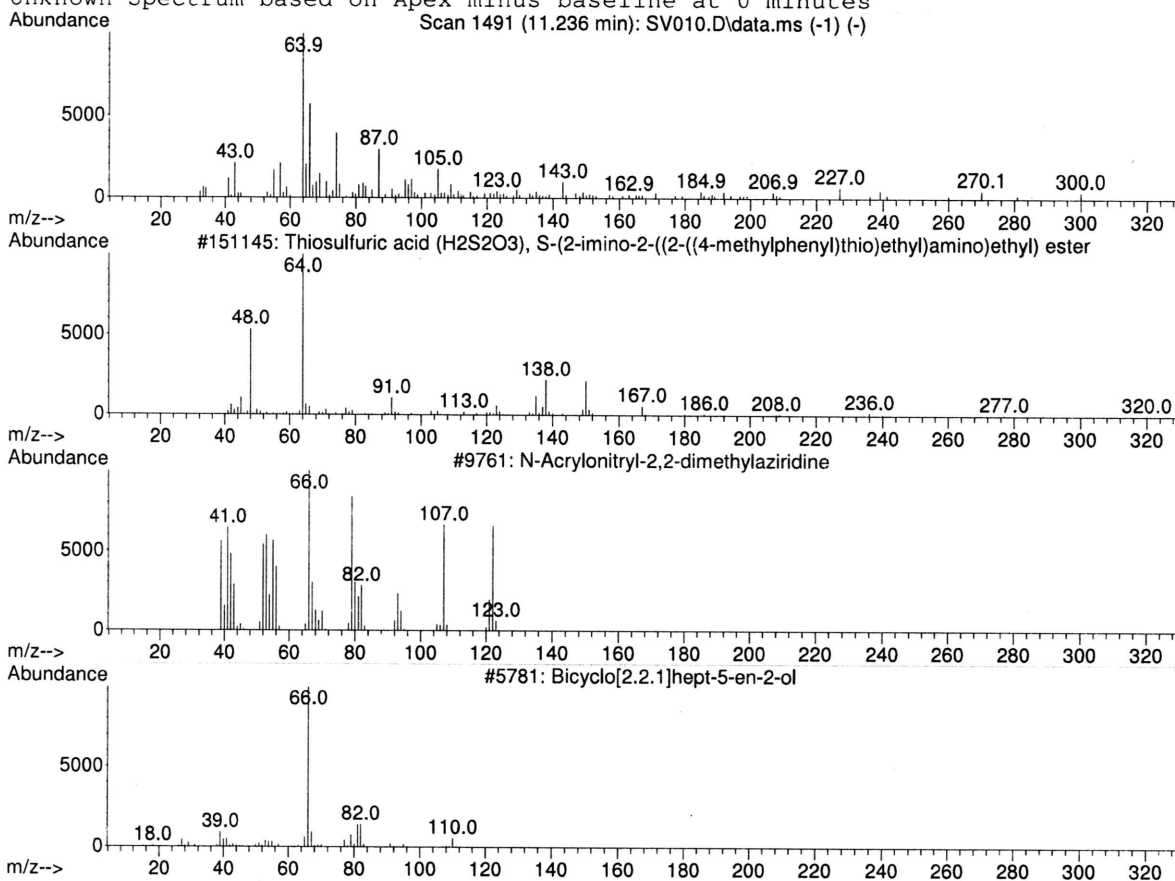
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	25794 1000306-04-5	32
2	133900 031701-75-4	32
3	201953 035871-55-7	32

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

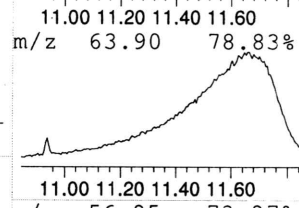
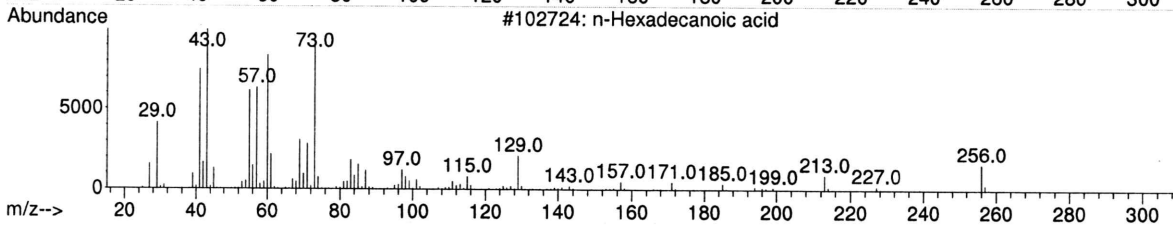
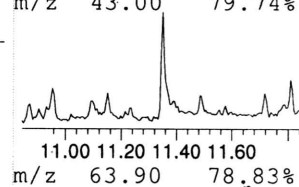
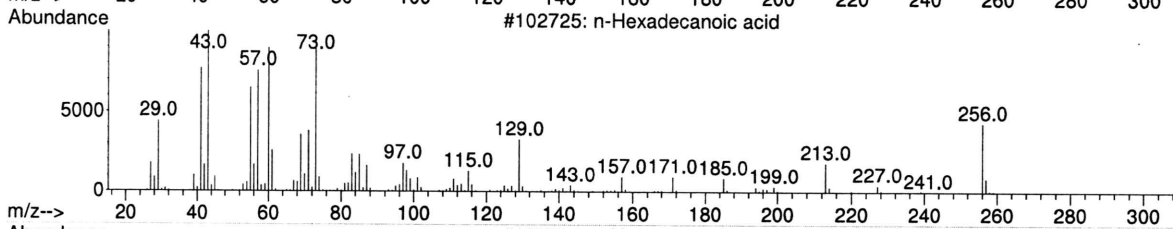
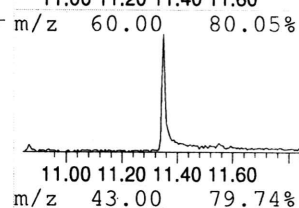
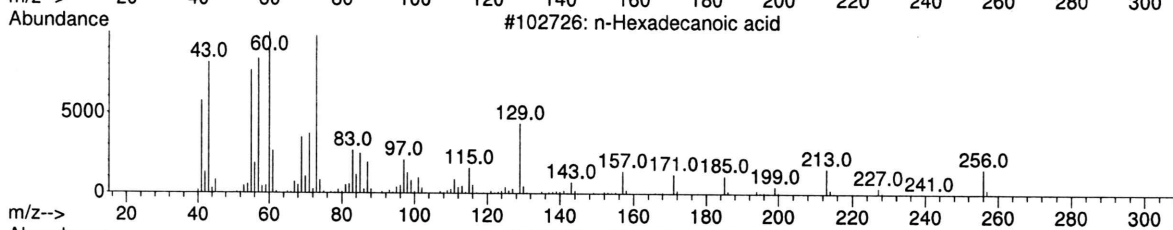
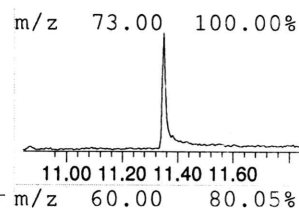
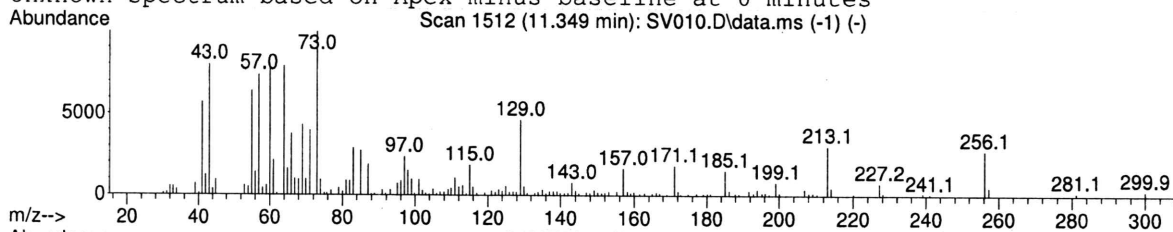
Peak Number: 21 at 11.236 min Area: 548073 Area % 0.20

The 3 best hits from each library.

Ref\#	CAS\#	Qual
C:\Database\NIST08.L		
1	151145 040284-00-2	37
2	9761 077376-91-1	25
3	5781 013080-90-5	11

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 22 at 11.349 min Area: 2318010 Area % 0.87

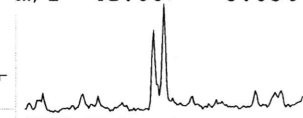
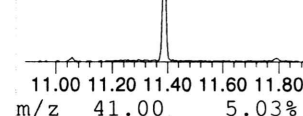
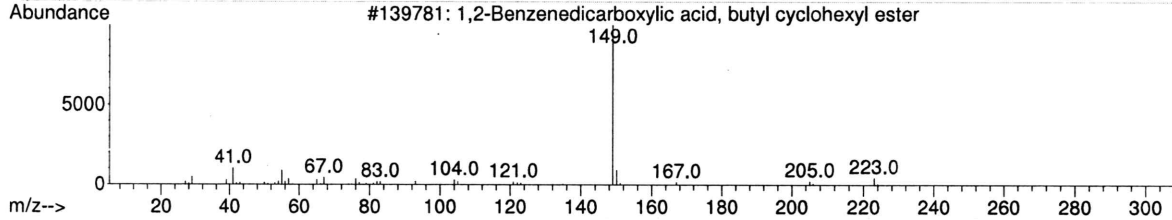
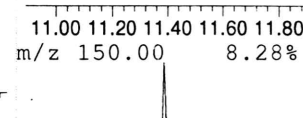
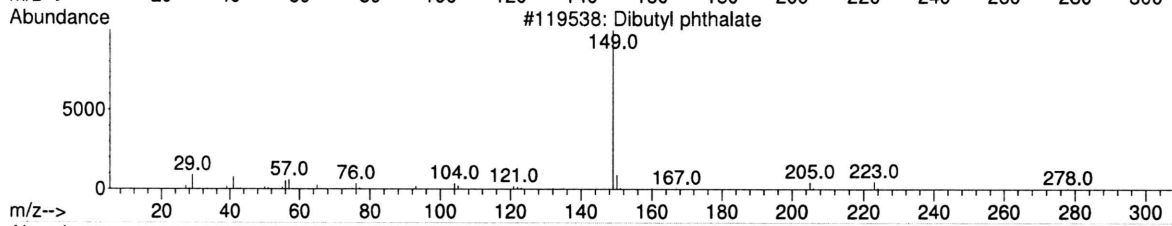
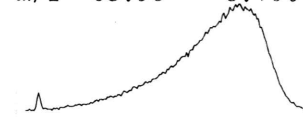
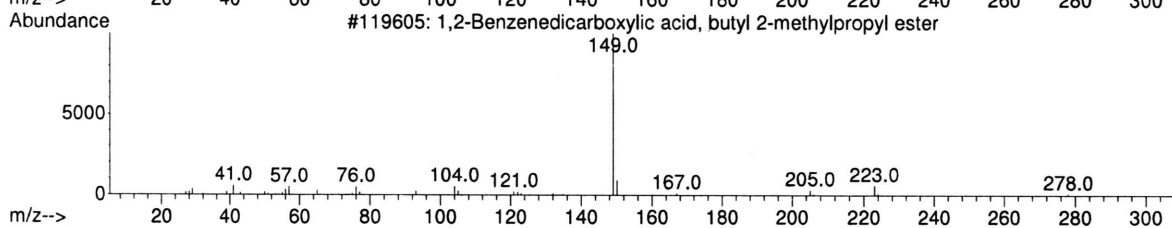
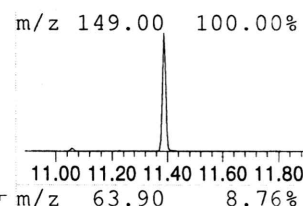
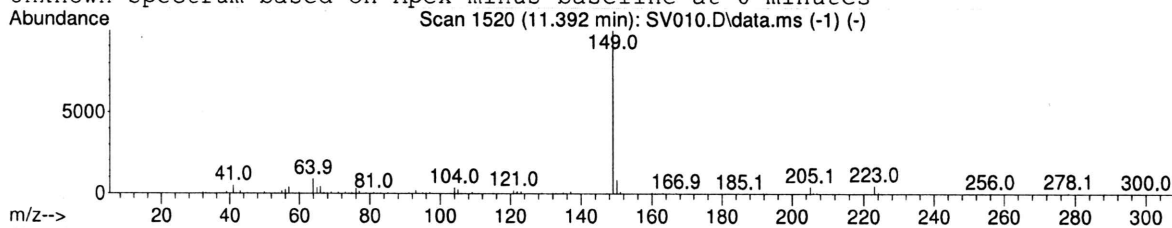
The 3 best hits from each library.

Ref\#	CAS\#	Qual
-----		
C:\Database\NIST08.L		
1	n-Hexadecanoic acid	102726 000057-10-3 94
2	n-Hexadecanoic acid	102725 000057-10-3 92
3	n-Hexadecanoic acid	102724 000057-10-3 60



Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 23 at 11.392 min Area: 4191730 Area % 1.57

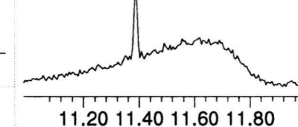
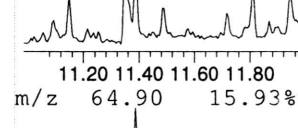
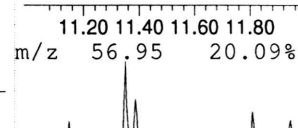
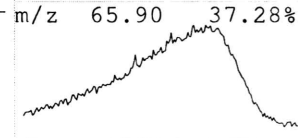
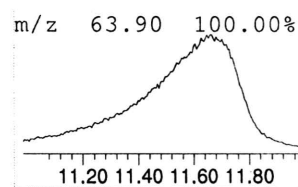
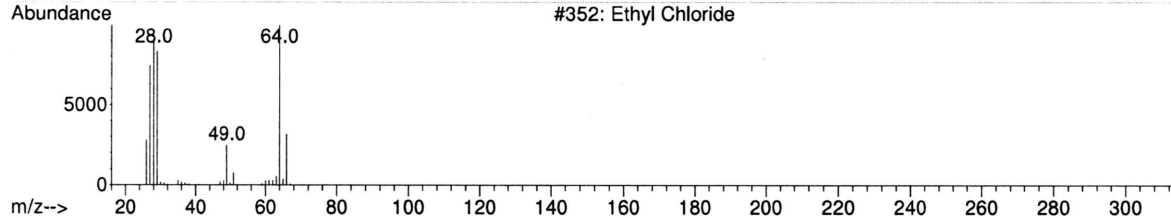
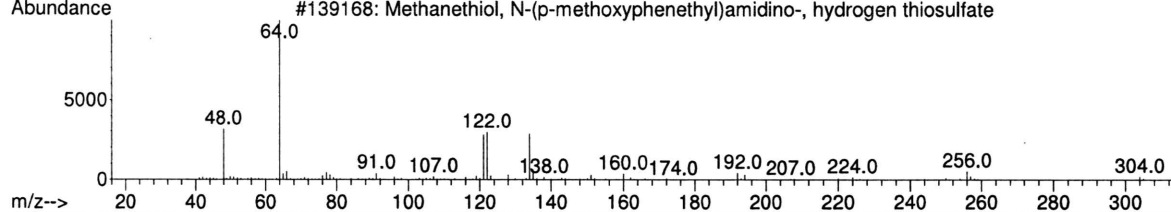
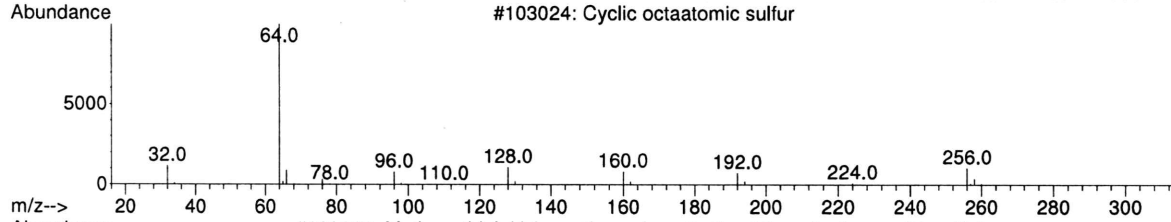
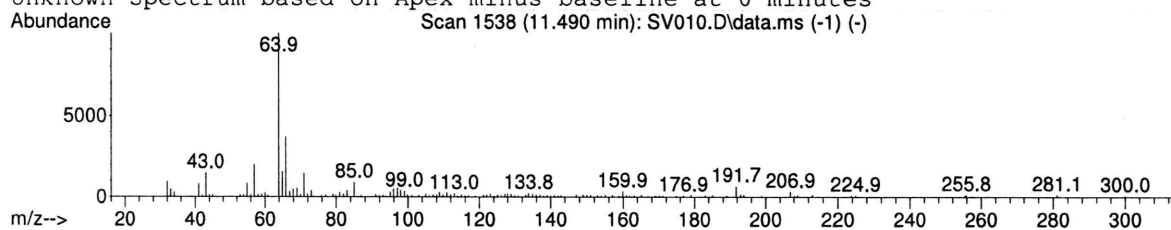
The 3 best hits from each library.

Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	119605 017851-53-5	93
2	119538 000084-74-2	91
3	139781 000084-64-0	80

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1538 (11.490 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

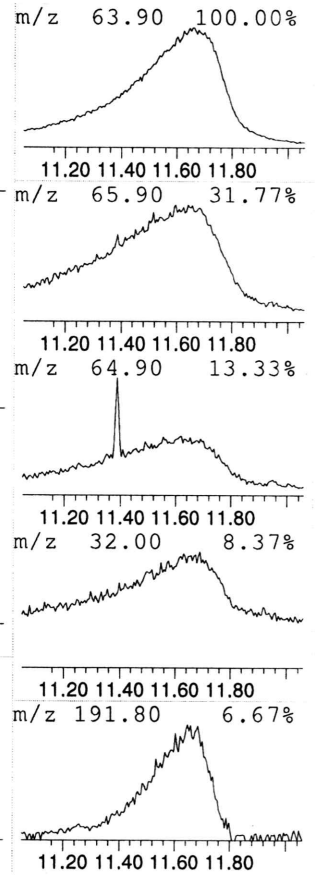
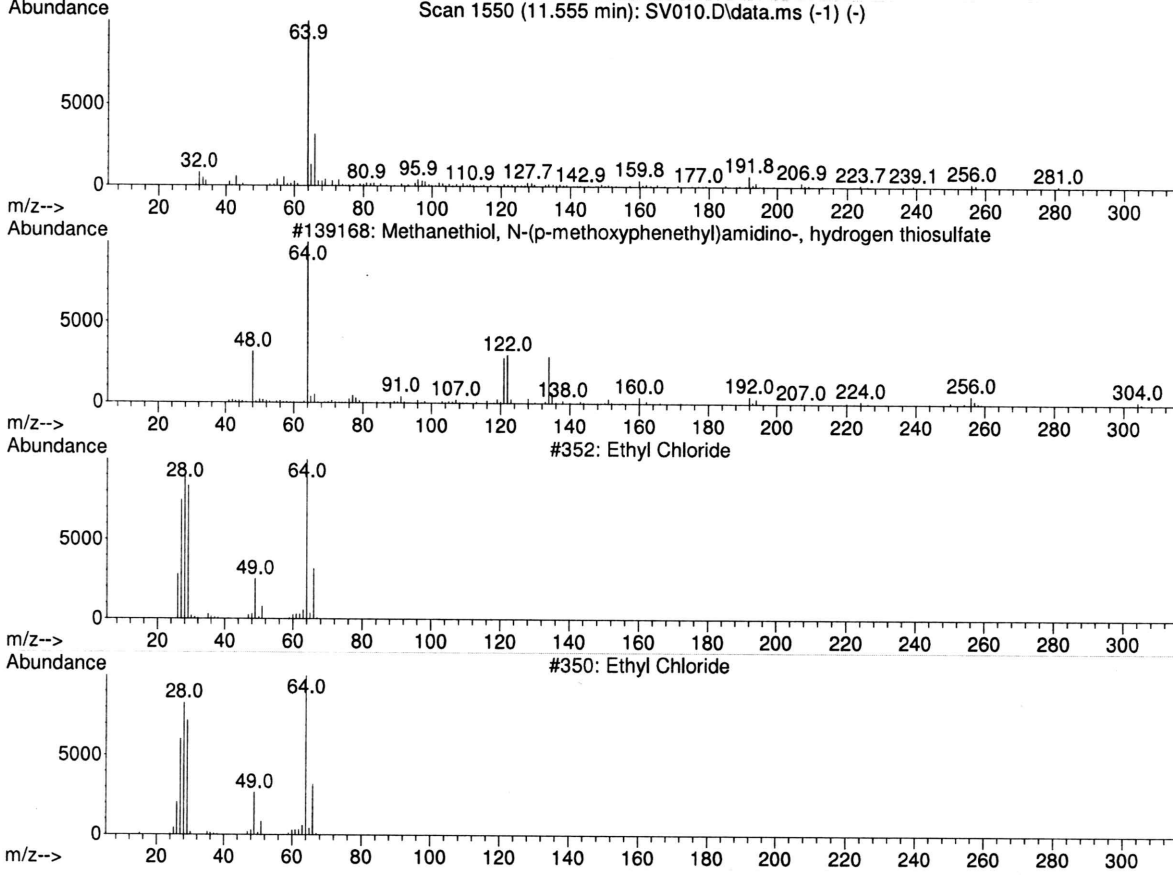
Peak Number: 24 at 11.490 min Area: 1730690 Area % 0.65

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

Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Cyclic octaatomic sulfur	103024	010544-50-0	38
2 Methanethiol, N-(p-methoxyphenet...	139168	040283-94-1	36
3 Ethyl Chloride	352	000075-00-3	9

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1550 (11.555 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

Peak Number: 25 at 11.555 min Area: 1489027 Area % 0.56

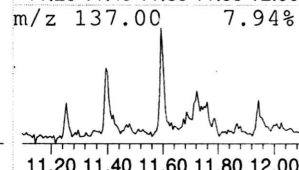
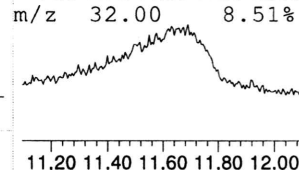
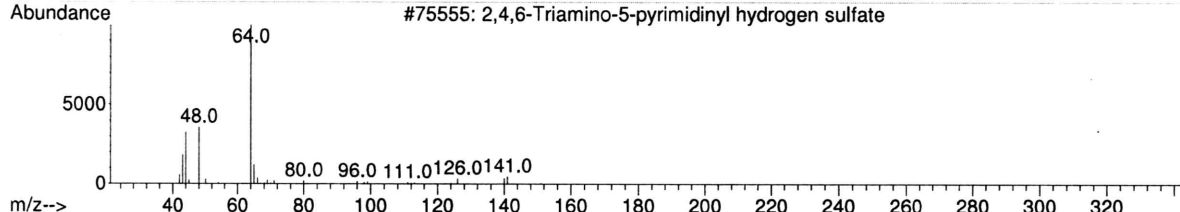
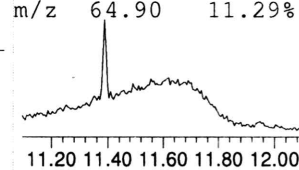
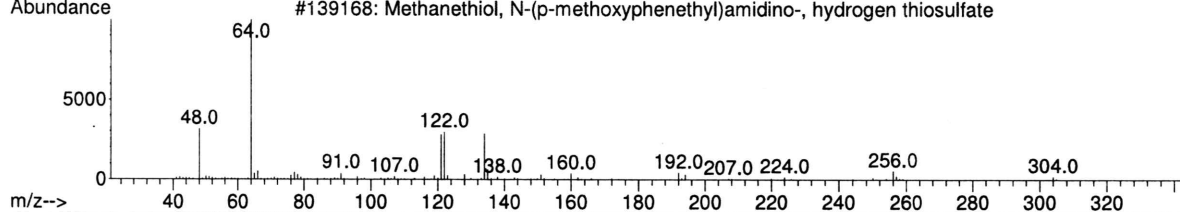
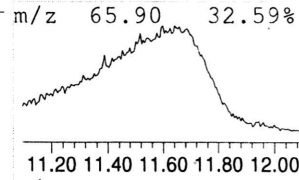
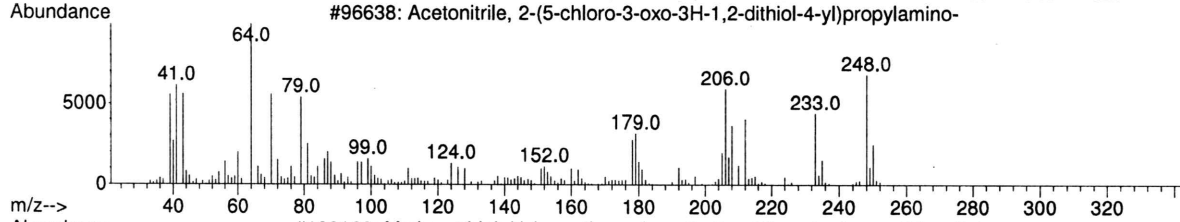
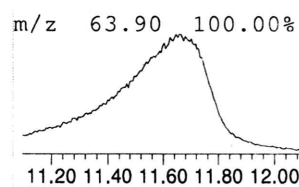
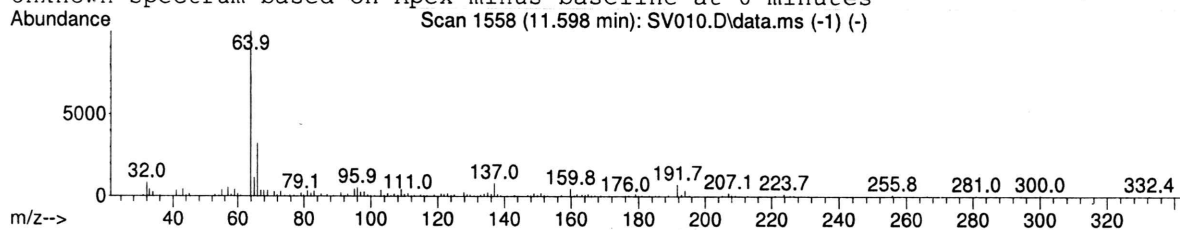
The 3 best hits from each library.

Ref\# CAS\# Qual

Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Methanethiol, N-(p-methoxyphenet...	139168	040283-94-1	39
2 Ethyl Chloride	352	000075-00-3	9
3 Ethyl Chloride	350	000075-00-3	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\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

Peak Number: 26 at 11.598 min Area: 2426527 Area % 0.91

The 3 best hits from each library.

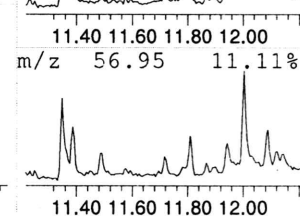
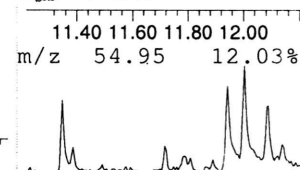
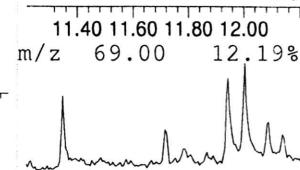
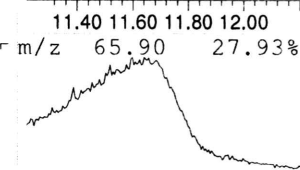
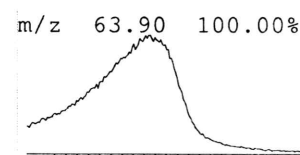
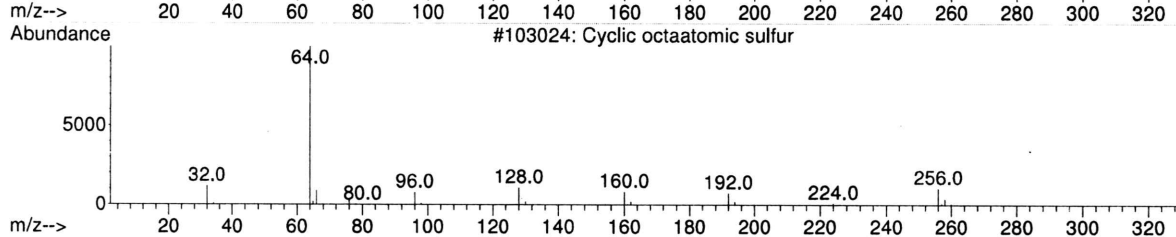
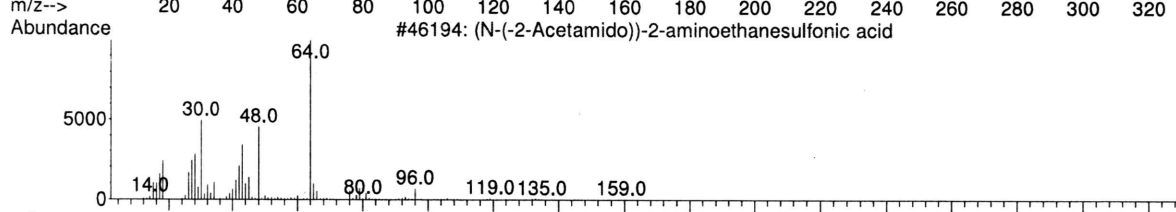
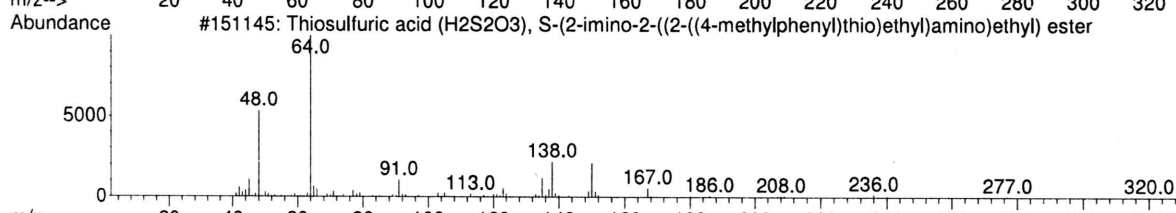
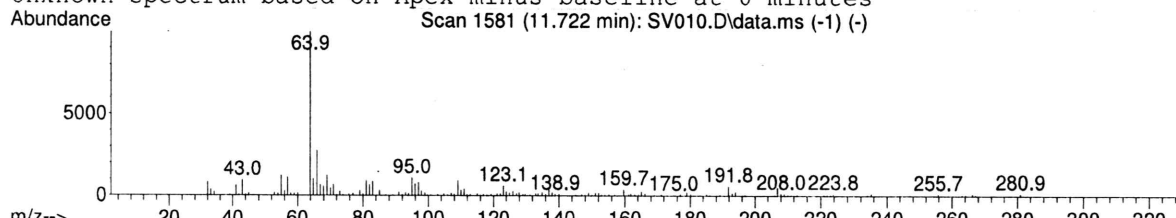
Ref\# CAS\# Qual

C:\Database\NIST08.L

Rank	Library Name	Ref\#	CAS\#	Qual
1	Acetonitrile, 2-(5-chloro-3-oxo-...	96638	1000269-94-4	59
2	Methanethiol, N-(p-methoxyphenet...	139168	040283-94-1	50
3	2,4,6-Triamino-5-pyrimidinyl hyd...	75555	071552-23-3	38

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1581 (11.722 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

Peak Number: 27 at 11.722 min Area: 1993319 Area % 0.74

The 3 best hits from each library.

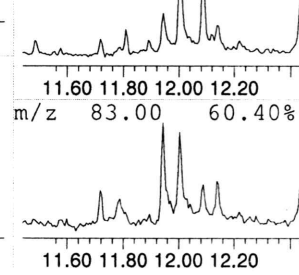
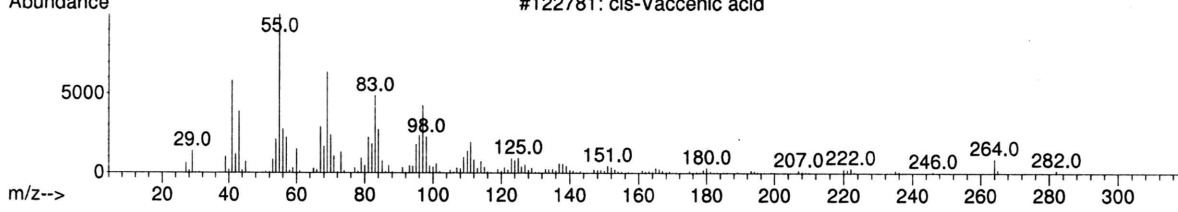
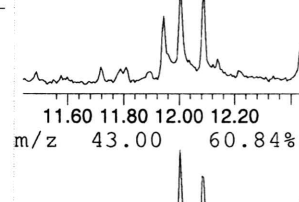
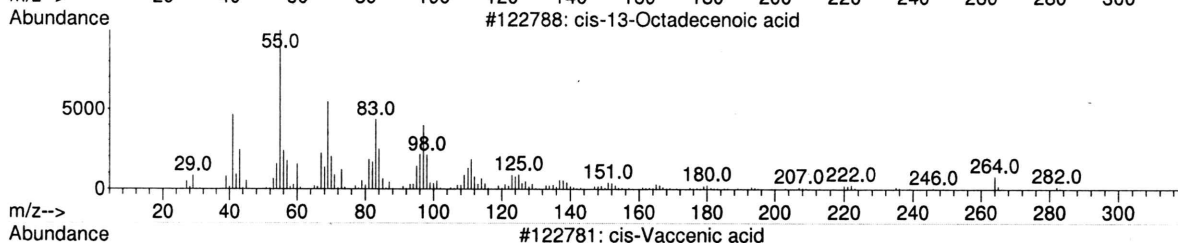
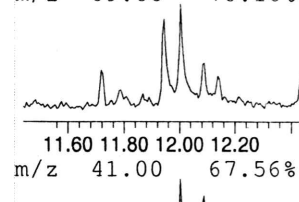
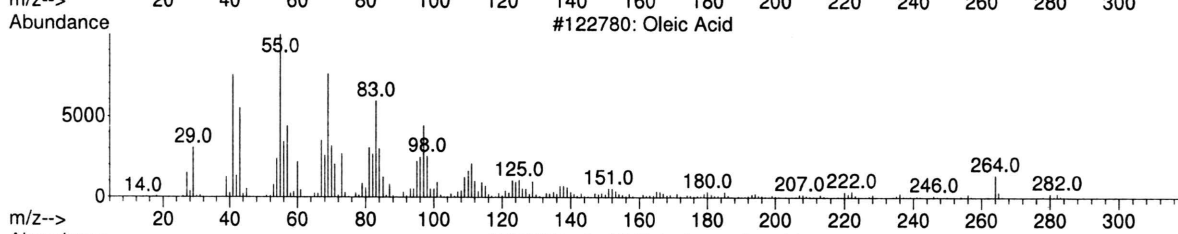
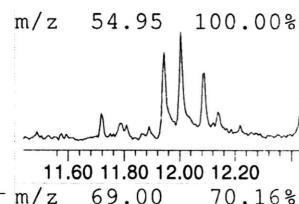
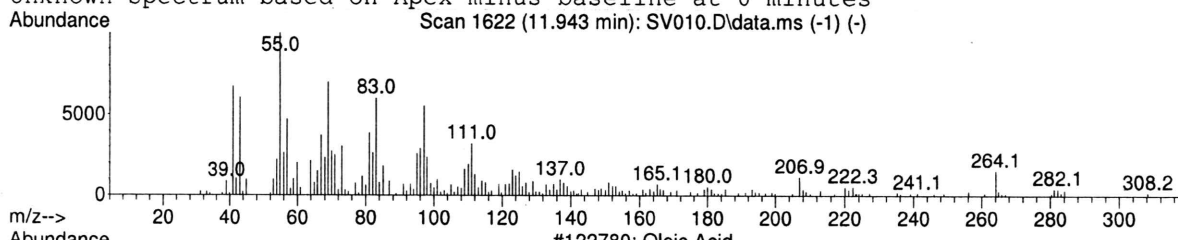
Ref\# CAS\# Qual

C:\Database\NIST08.L

Rank	Library Name	Ref\#	CAS\#	Qual
1	Thiosulfuric acid (H2S2O3), S-(2...	151145	040284-00-2	59
2	(N-(2-Acetamido))-2-aminoethane...	46194	007365-82-4	38
3	Cyclic octaatomic sulfur	103024	010544-50-0	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\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 28 at 11.943 min Area: 2040101 Area % 0.76

The 3 best hits from each library.

Ref\# CAS\# Qual

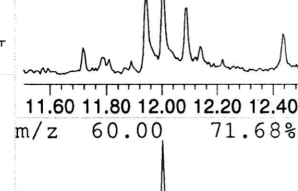
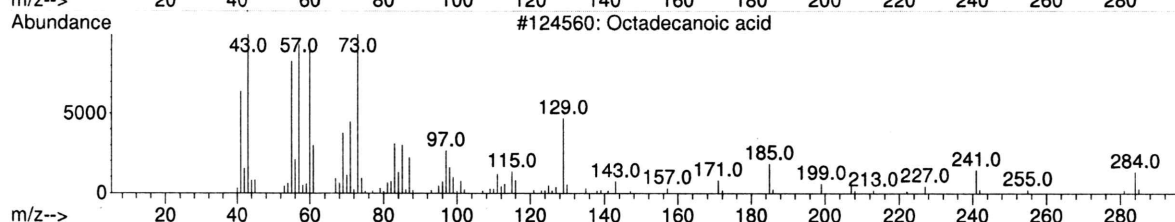
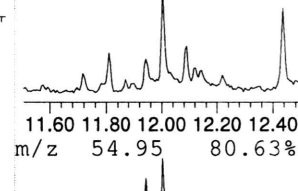
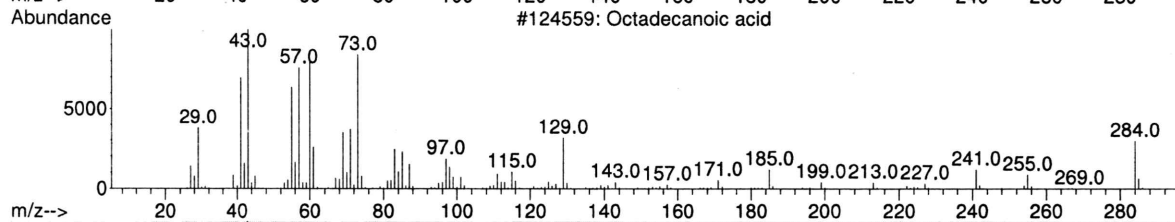
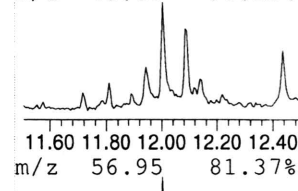
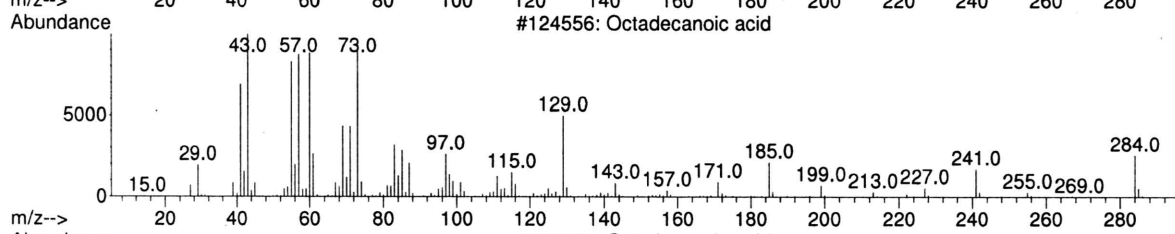
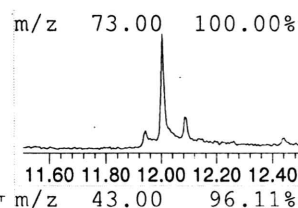
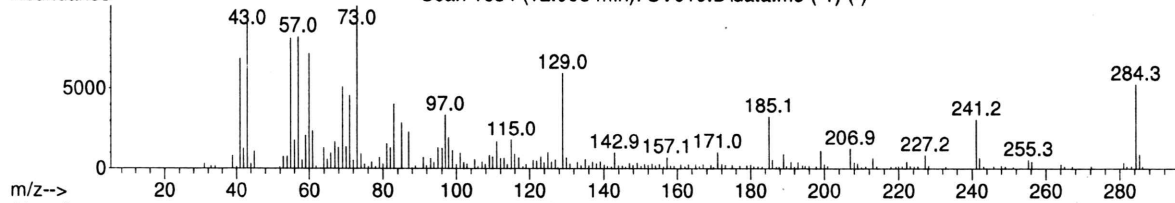
C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	122780 000112-80-1	95
2	122788 013126-39-1	93
3	122781 000506-17-2	93

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes

Scan 1634 (12.008 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

Peak Number: 29 at 12.008 min Area: 3205011 Area % 1.20

The 3 best hits from each library.

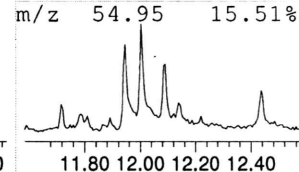
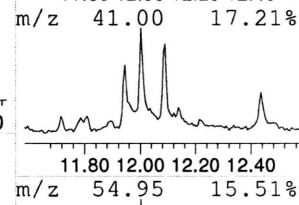
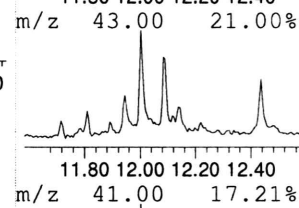
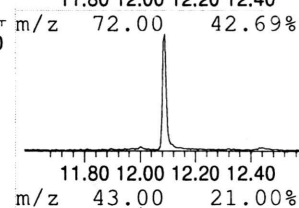
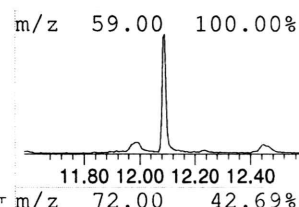
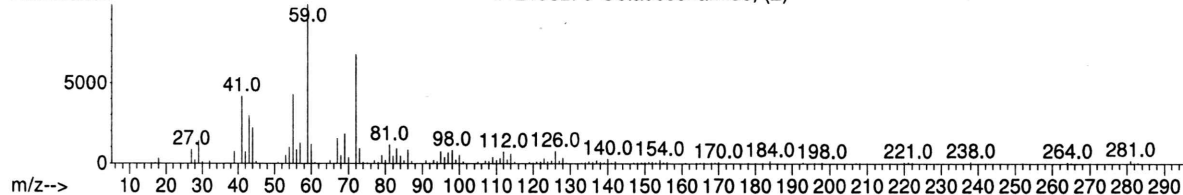
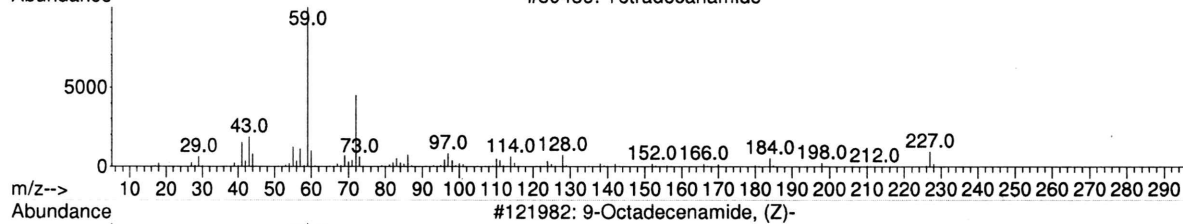
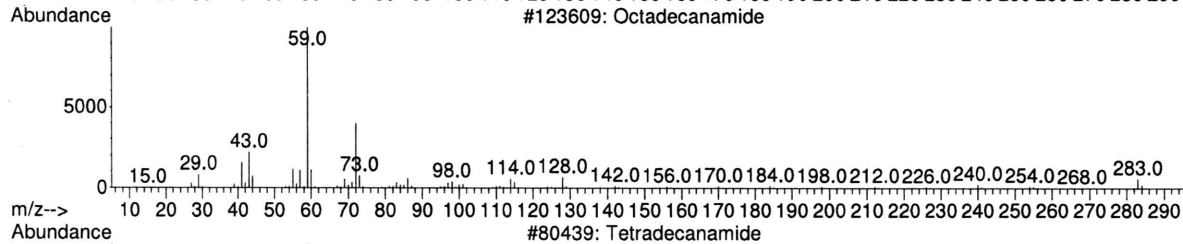
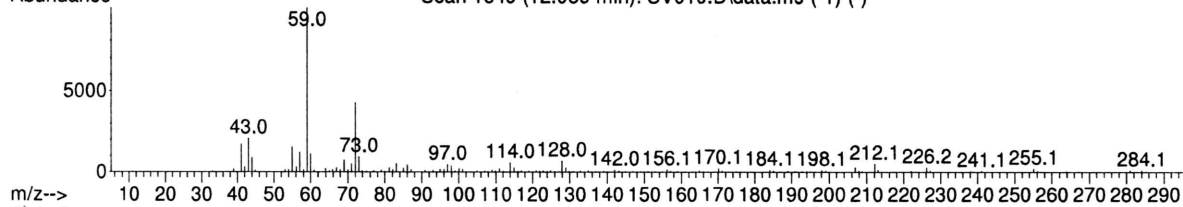
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	124556 000057-11-4	99
2	124559 000057-11-4	91
3	124560 000057-11-4	90

Unknown Spectrum based on Apex minus baseline at 0 minutes

Scan 1649 (12.089 min): SV010.D\data.ms (-) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 30 at 12.089 min Area: 2438812 Area % 0.91

The 3 best hits from each library.

Ref\# CAS\# Qual

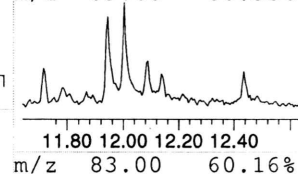
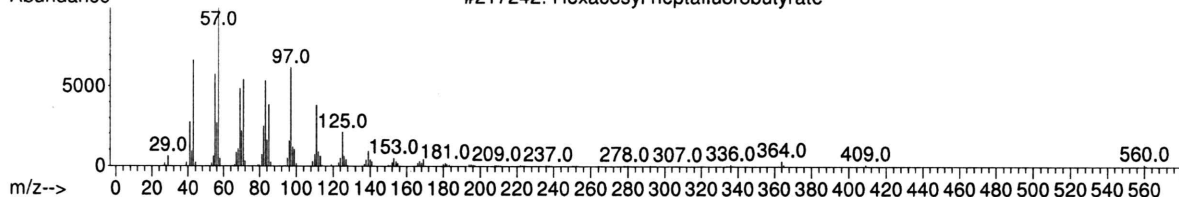
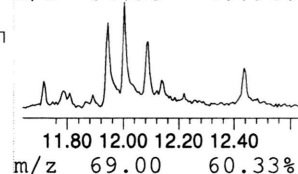
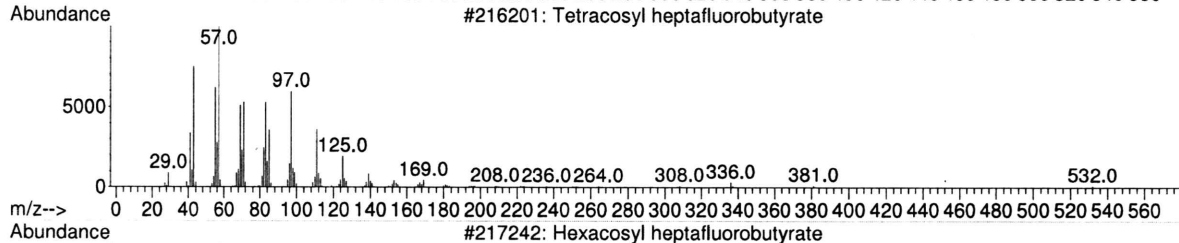
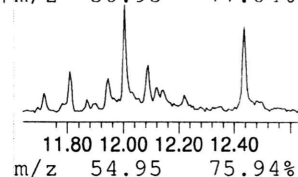
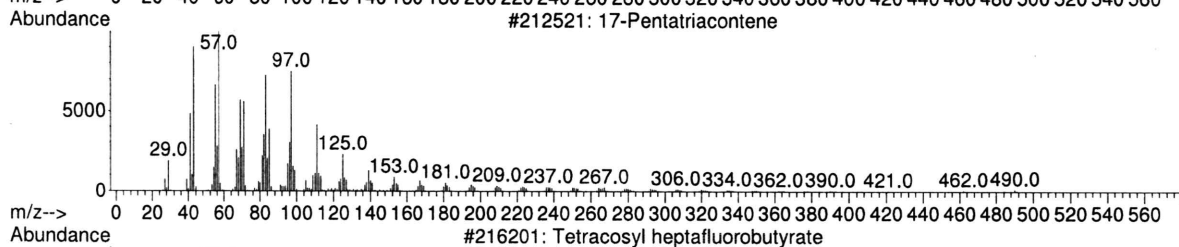
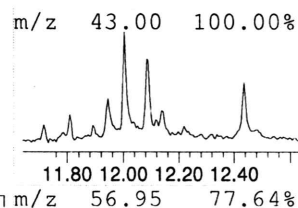
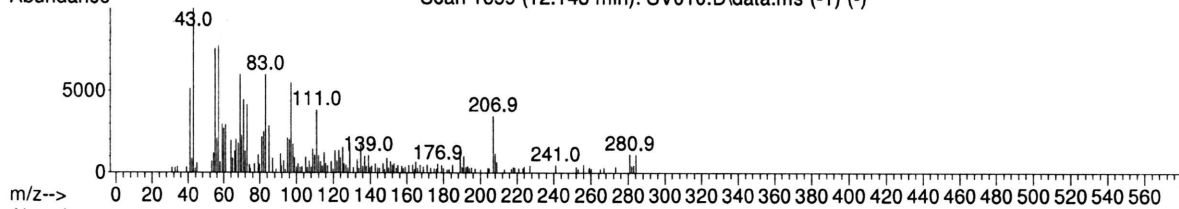
C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	123609 000124-26-5	93
2	80439 000638-58-4	90
3	121982 000301-02-0	87



Unknown Spectrum based on Apex minus baseline at 0 minutes

Scan 1659 (12.143 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 31 at 12.143 min Area: 982235 Area % 0.37

The 3 best hits from each library.

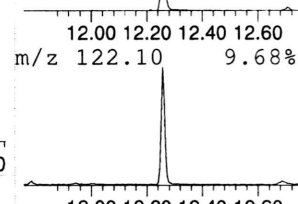
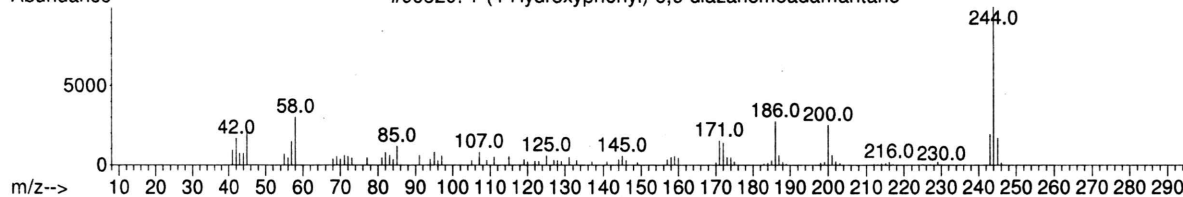
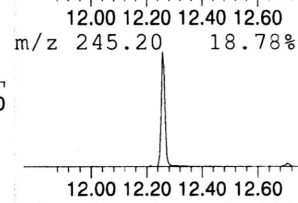
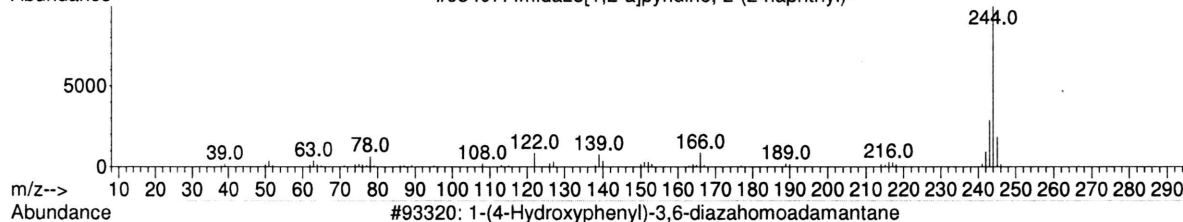
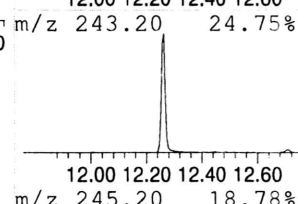
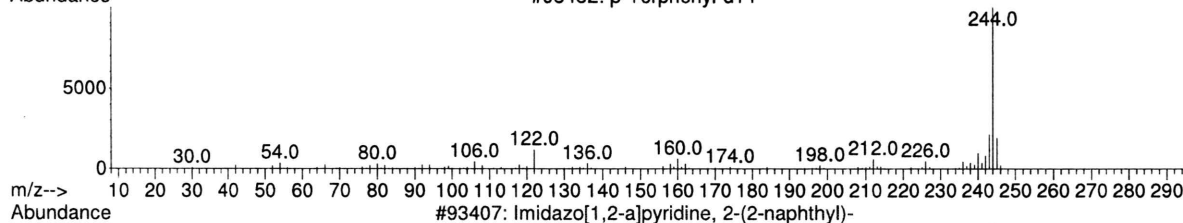
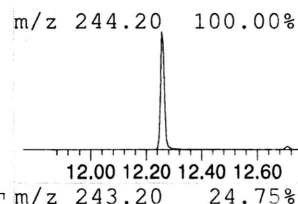
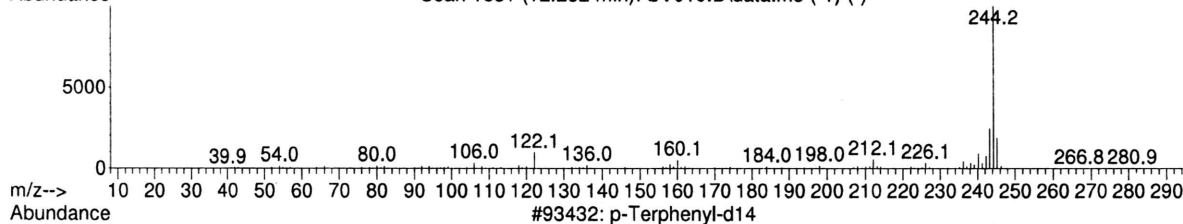
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	212521 006971-40-0	91
2	216201 1000351-83-7	87
3	217242 1000351-83-3	87

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1681 (12.262 min): SV010.D\data.ms (-) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

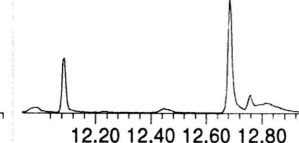
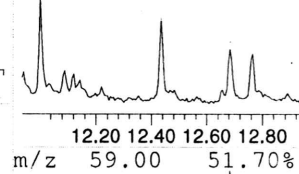
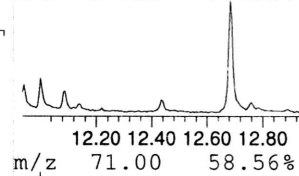
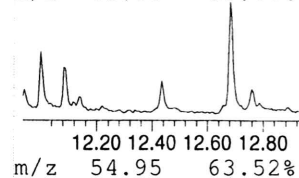
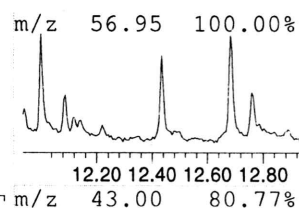
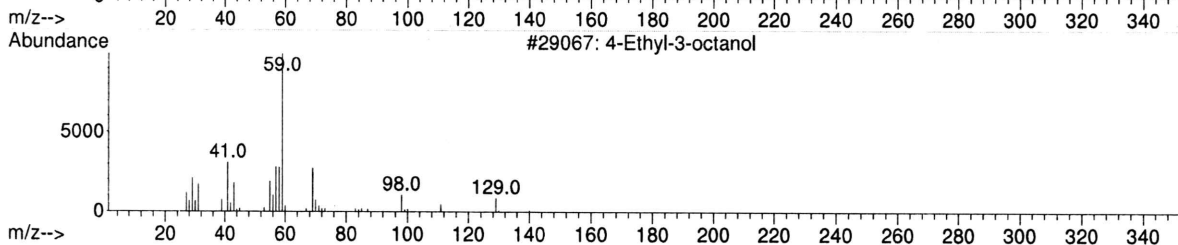
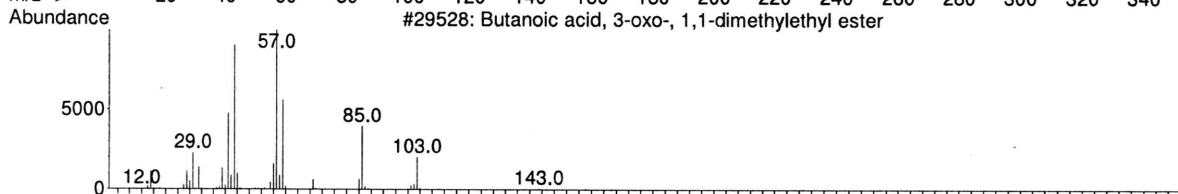
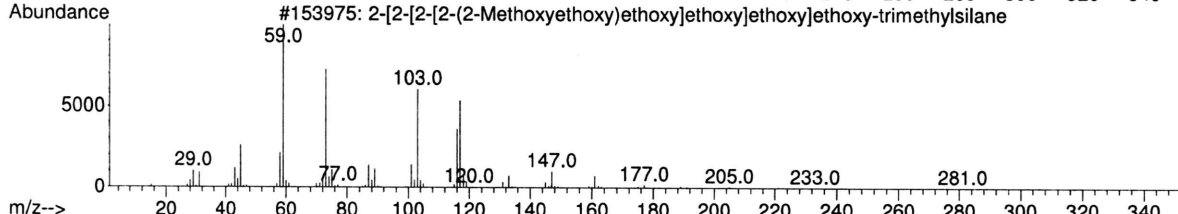
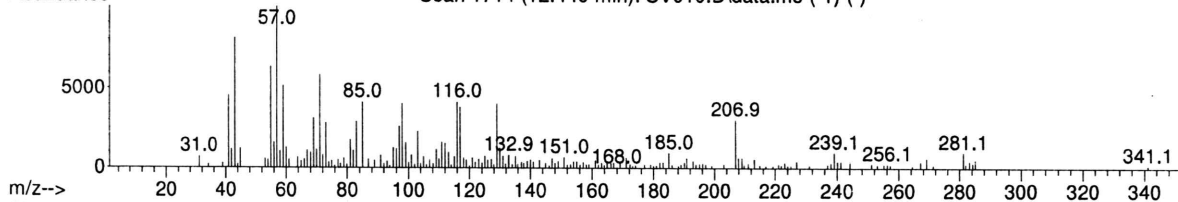
Peak Number: 32 at 12.262 min Area: 8761228 Area % 3.27

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

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	72
3 1-(4-Hydroxyphenyl)-3,6-diazahom...	93320	1000216-01-8	64

Unknown Spectrum based on Apex minus baseline at 0 minutes

Scan 1714 (12.440 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 33 at 12.440 min Area: 1881344 Area % 0.70

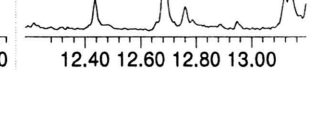
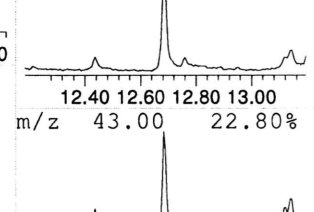
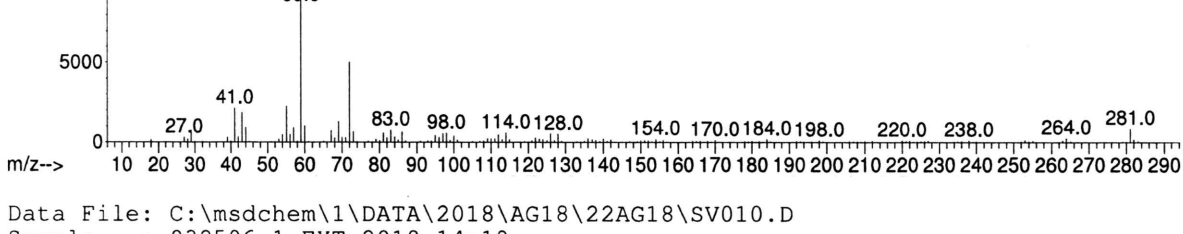
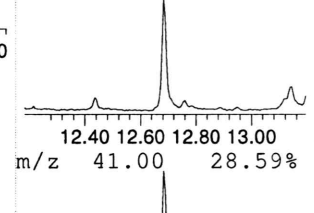
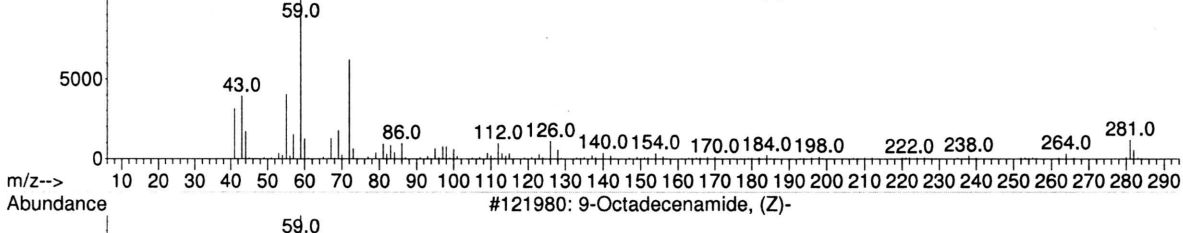
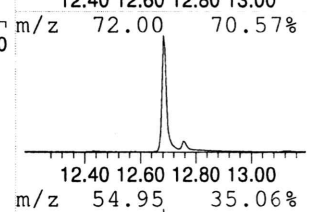
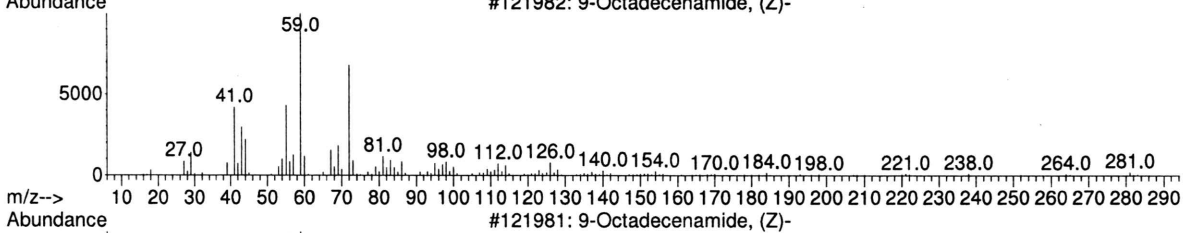
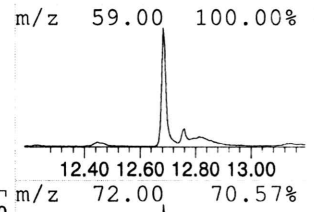
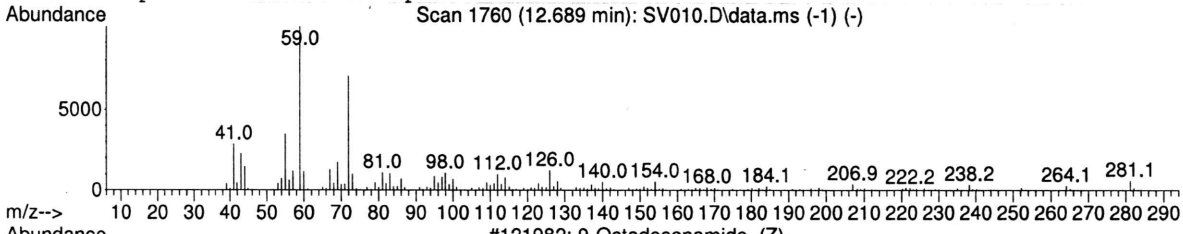
The 3 best hits from each library.

Ref\# CAS\# Qual

C:\Database\NIST08.L

Rank	Library Name	Ref\#	CAS\#	Qual
1	2-[2-[2-[2-(2-Methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy-trimethylsilane	153975	1000352-07-5	18
2	Butanoic acid, 3-oxo-, 1,1-dimethylethyl ester	29528	001694-31-1	14
3	4-Ethyl-3-octanol	29067	019781-26-1	14

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1760 (12.689 min): SV010.D\data.ms (-) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

Peak Number: 34 at 12.689 min Area: 9848309 Area % 3.68

The 3 best hits from each library.

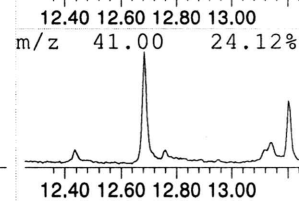
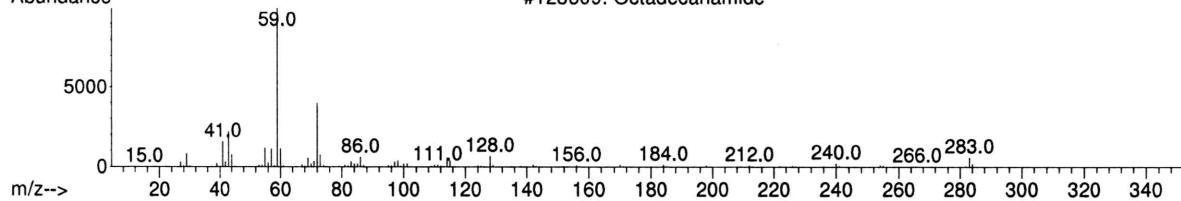
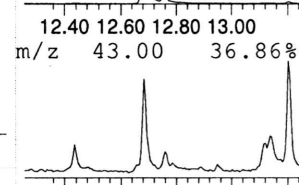
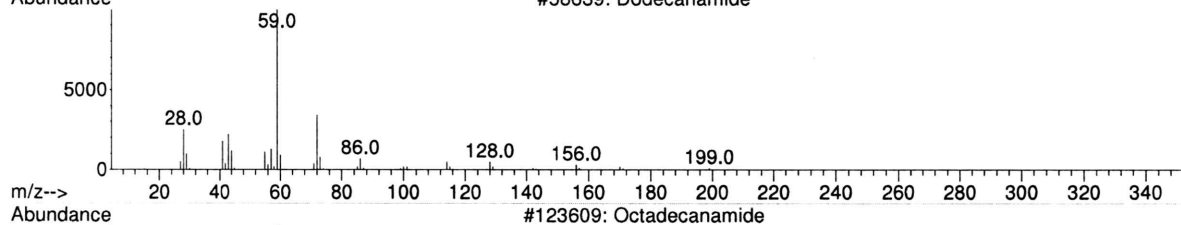
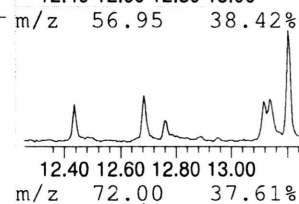
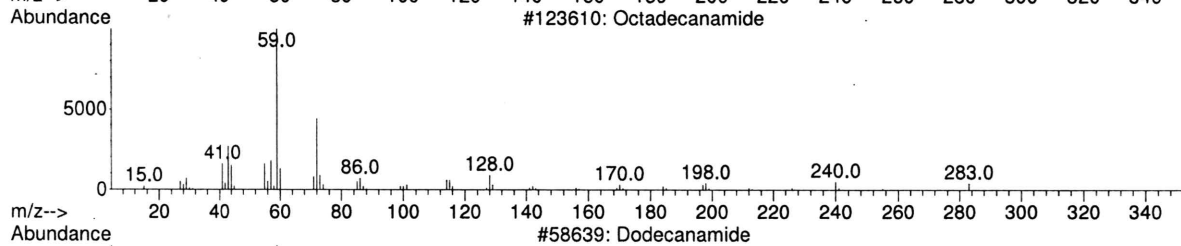
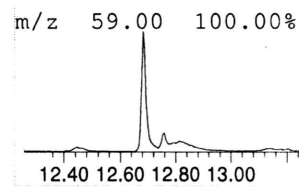
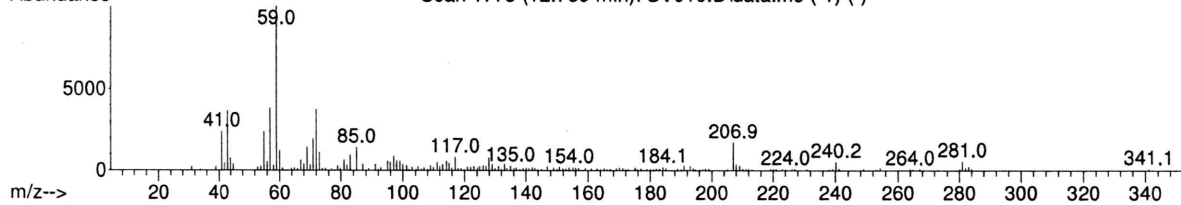
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	121982 000301-02-0	96
2	121981 000301-02-0	91
3	121980 000301-02-0	89

Unknown Spectrum based on Apex minus baseline at 0 minutes

Scan 1773 (12.759 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 35 at 12.759 min Area: 2169520 Area % 0.81

The 3 best hits from each library.

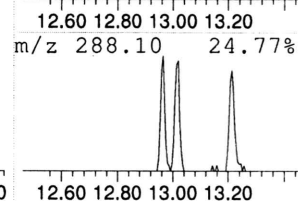
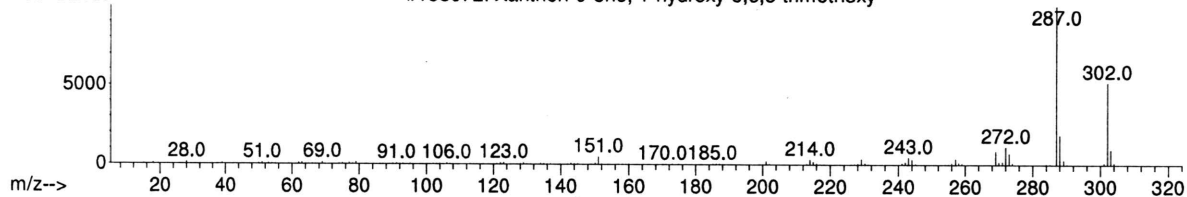
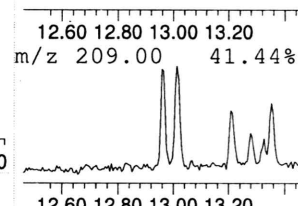
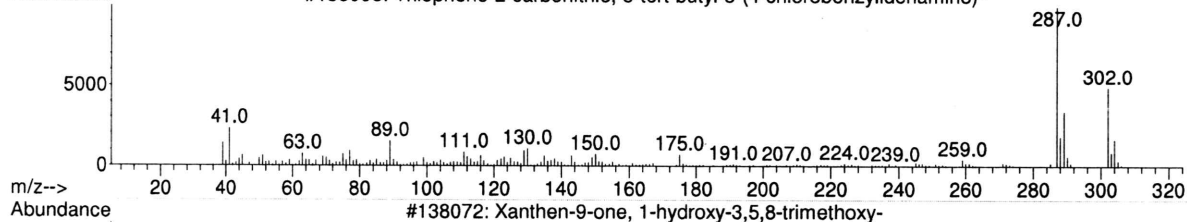
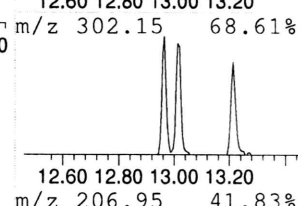
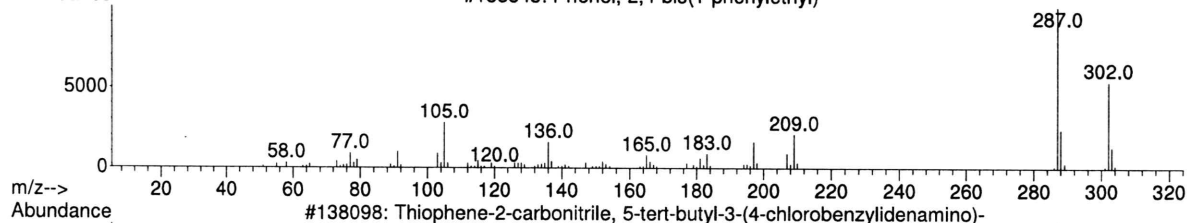
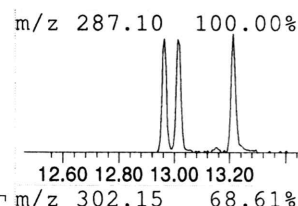
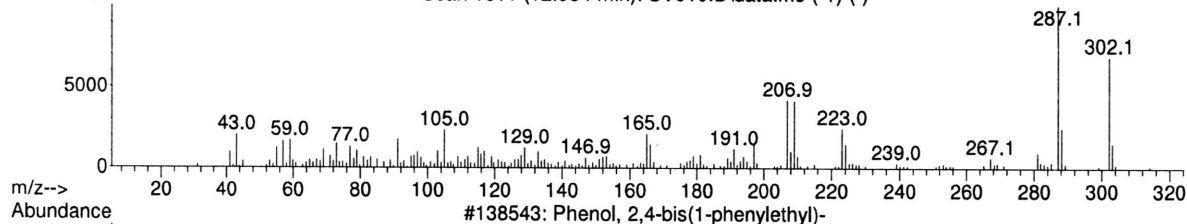
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	123610 000124-26-5	70
2	58639 001120-16-7	70
3	123609 000124-26-5	58

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
 Scan 1811 (12.964 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

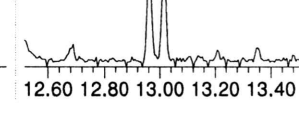
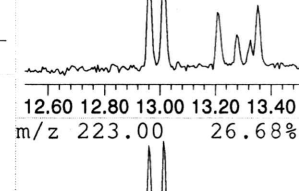
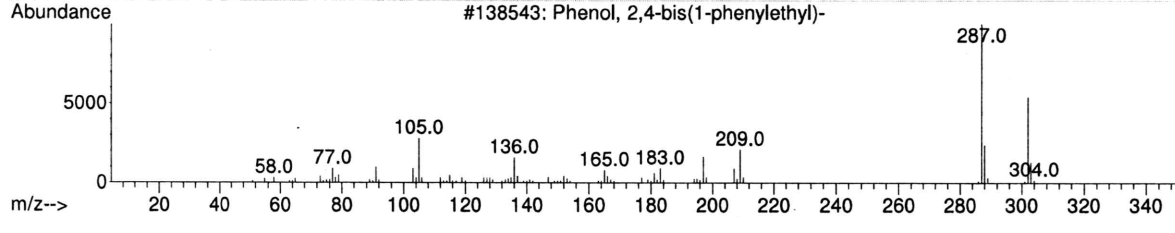
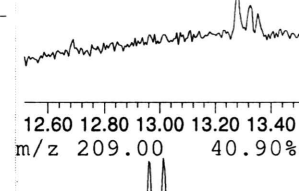
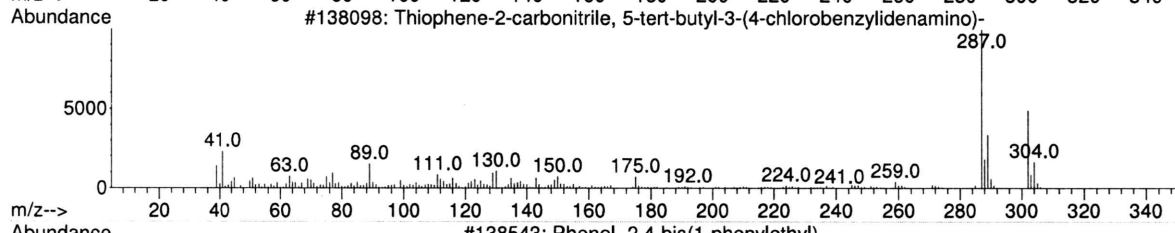
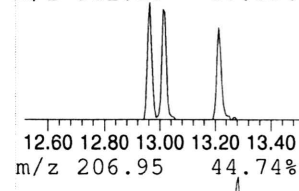
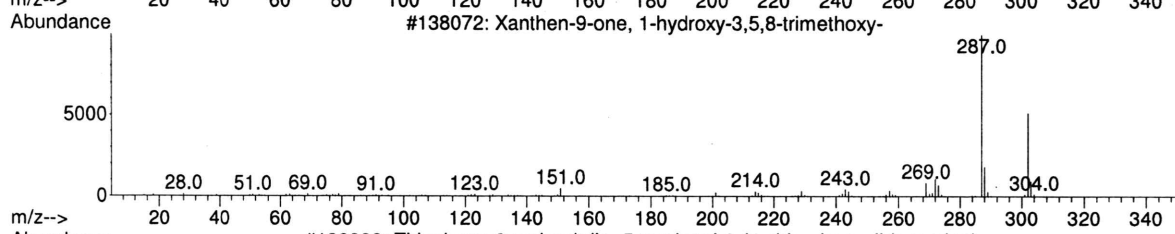
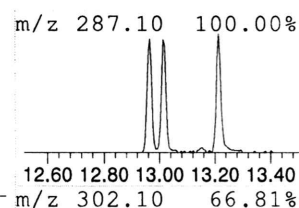
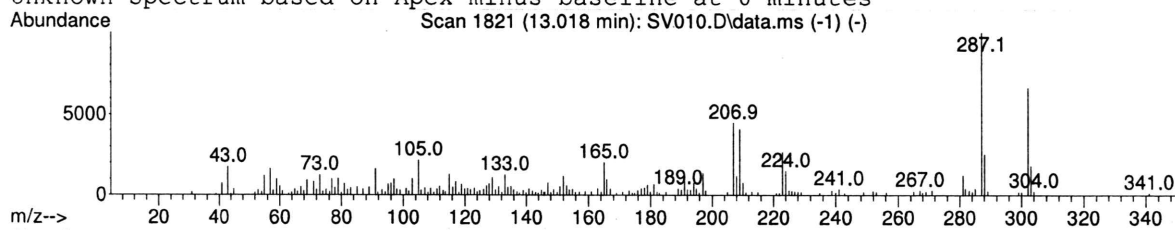
Peak Number: 36 at 12.964 min Area: 1255241 Area % 0.47

The 3 best hits from each library.

	Ref\#	CAS\#	Qual
-----			
C:\Database\NIST08.L			
1 Phenol, 2,4-bis(1-phenylethyl)-	138543	002769-94-0	49
2 Thiophene-2-carbonitrile, 5-tert...	138098	1000268-00-9	46
3 Xanthen-9-one, 1-hydroxy-3,5,8-t...	138072	049599-09-9	43

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

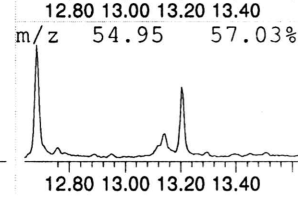
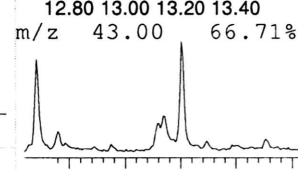
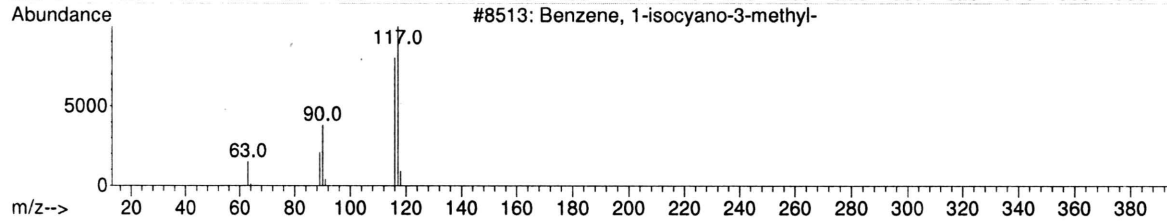
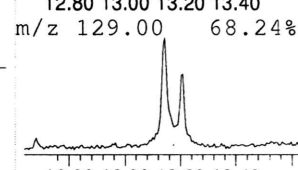
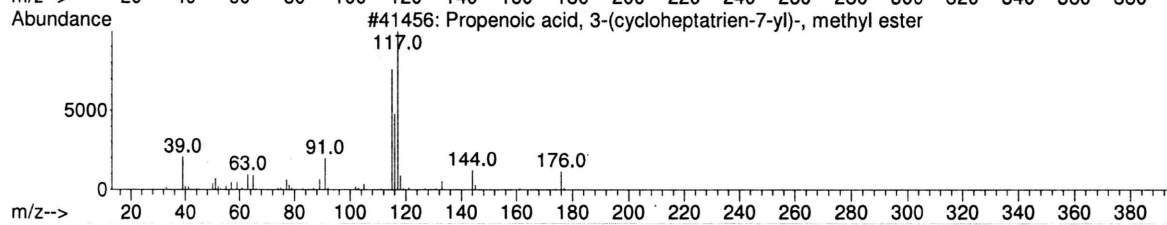
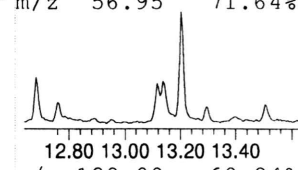
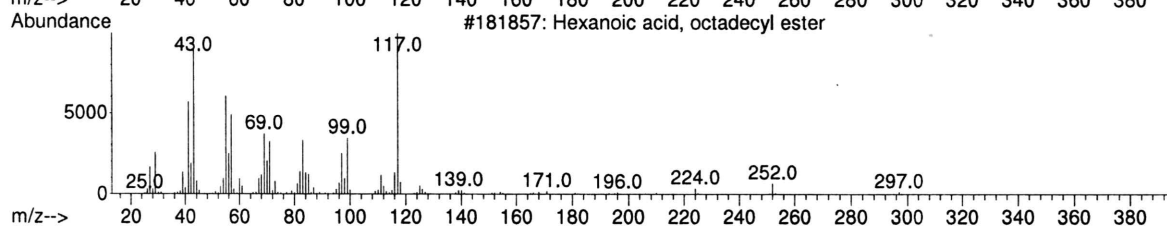
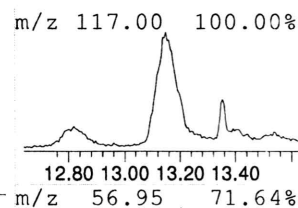
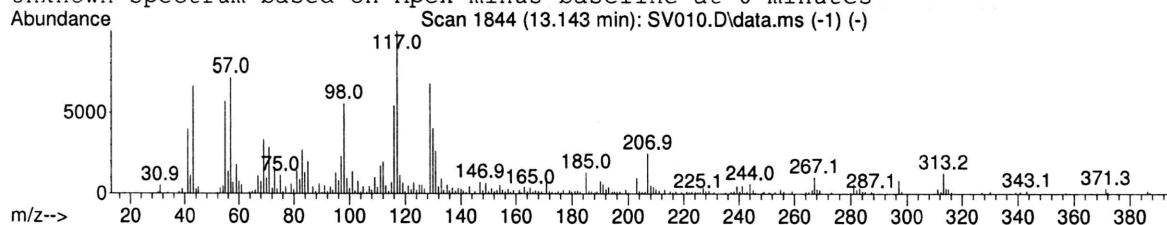
Peak Number: 37 at 13.018 min Area: 1025796 Area % 0.38

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

C:\Database\NIST08.L			
Rank	Ref\#	CAS\#	Qual
1	138072	049599-09-9	43
2	138098	1000268-00-9	43
3	138543	002769-94-0	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\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 38 at 13.143 min Area: 7051196 Area % 2.64

The 3 best hits from each library.

Ref\# CAS\# Qual

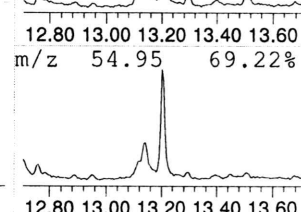
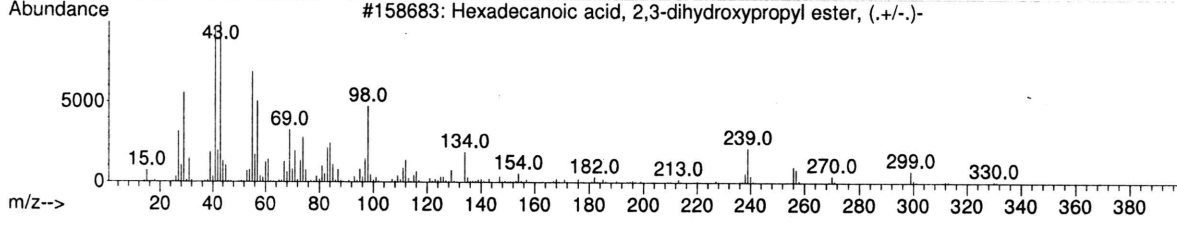
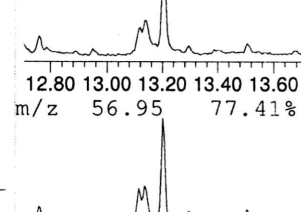
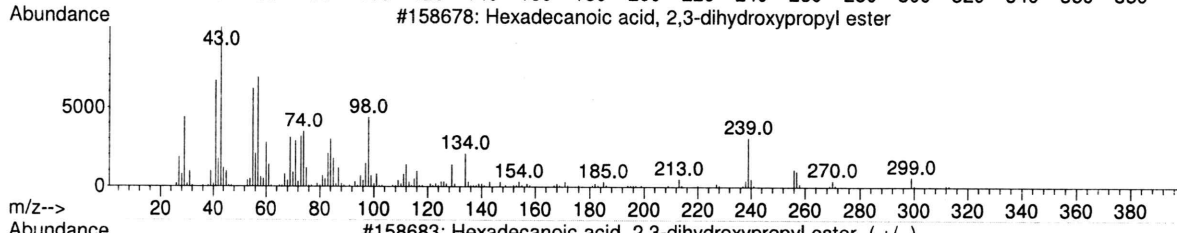
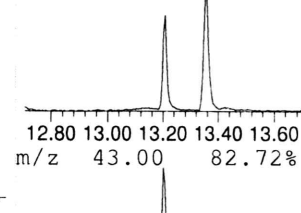
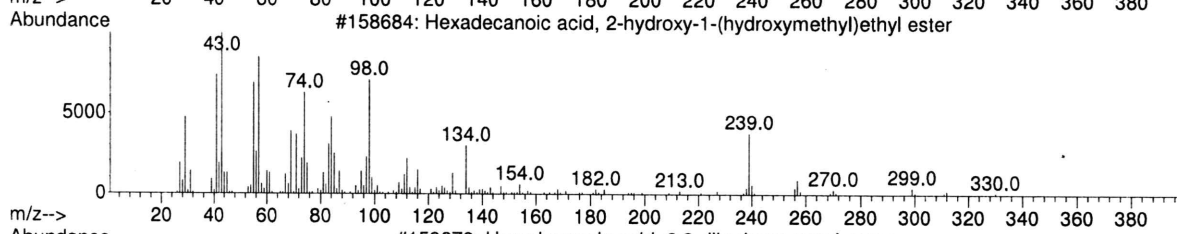
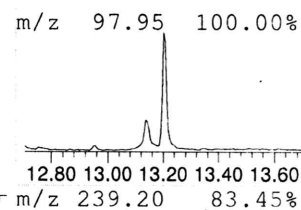
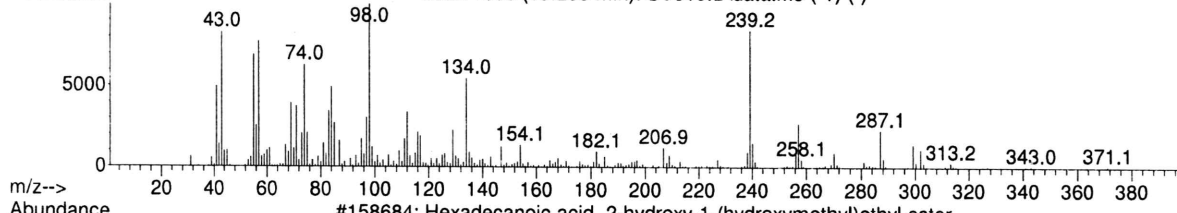
C:\Database\NIST08.L

1	Hexanoic acid, octadecyl ester	181857	041927-67-7	22
2	Propenoic acid, 3-(cycloheptatrien-7-yl)-, methyl ester	41456	1000269-64-5	22
3	Benzene, 1-isocyano-3-methyl-	8513	020600-54-8	22



Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 1856 (13.208 min): SV010.D\data.ms (-1) (-)



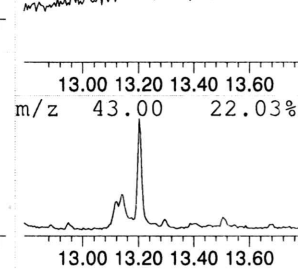
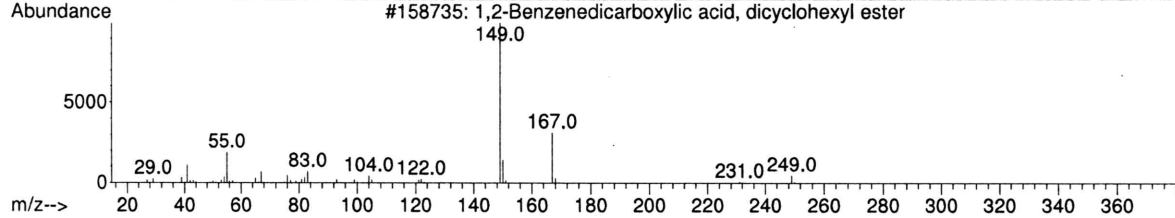
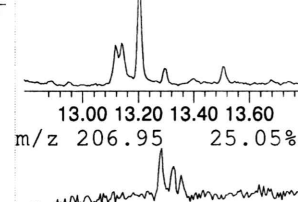
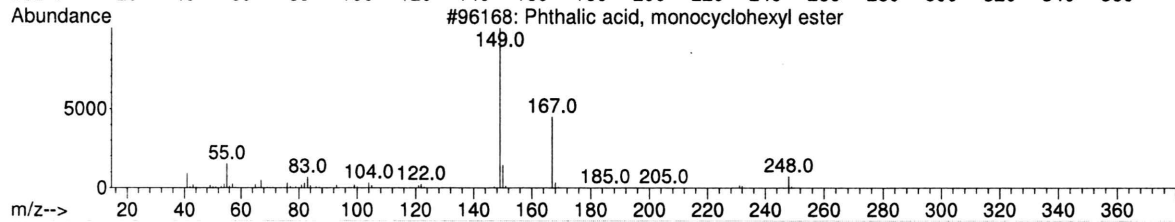
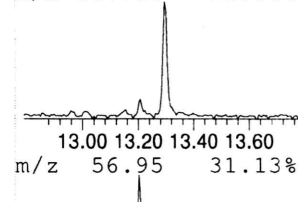
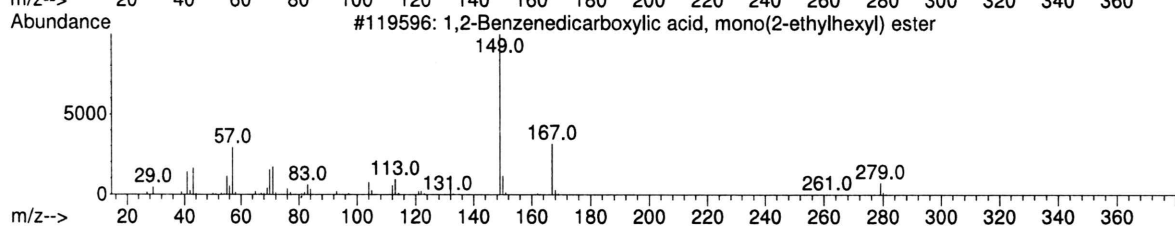
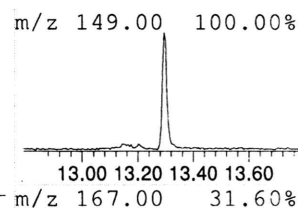
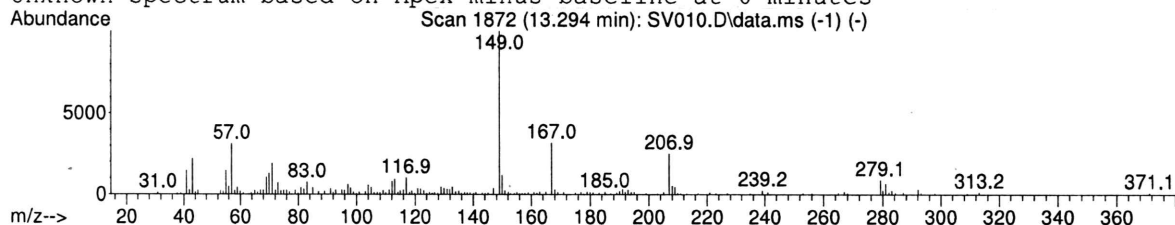
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

Peak Number: 39 at 13.208 min Area: 8344980 Area % 3.12

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual
-----			
C:\Database\NIST08.L			
1 Hexadecanoic acid, 2-hydroxy-1-(...	158684	023470-00-0	87
2 Hexadecanoic acid, 2,3-dihydroxy...	158678	000542-44-9	80
3 Hexadecanoic acid, 2,3-dihydroxy...	158683	019670-51-0	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\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 40 at 13.294 min Area: 1375286 Area % 0.51

The 3 best hits from each library.

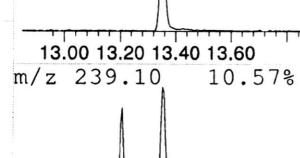
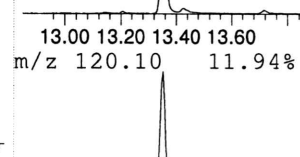
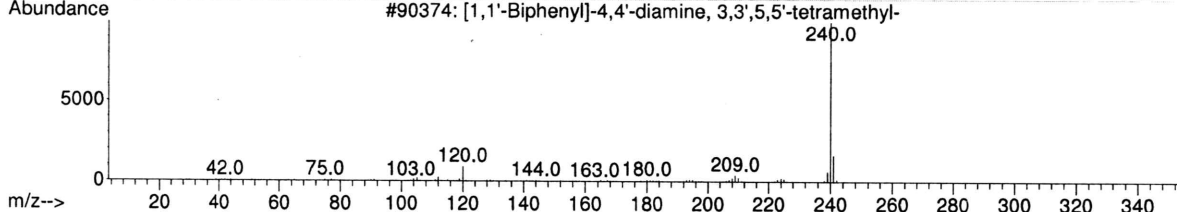
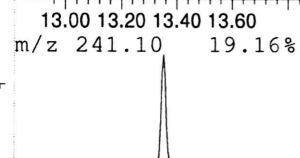
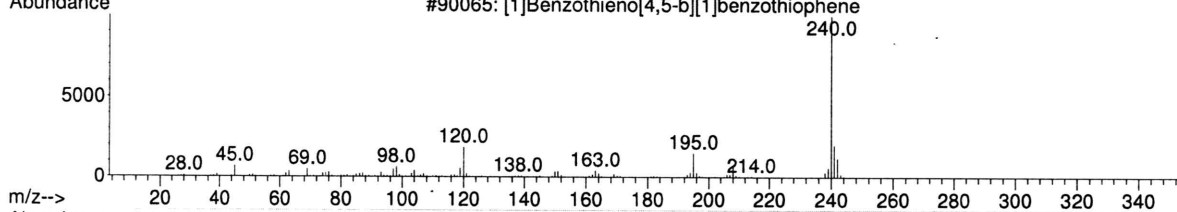
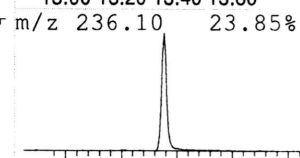
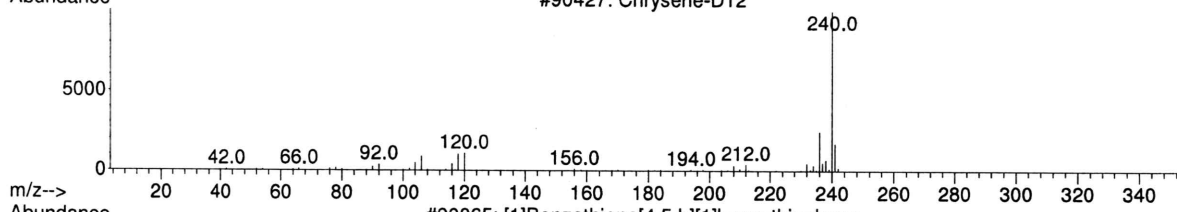
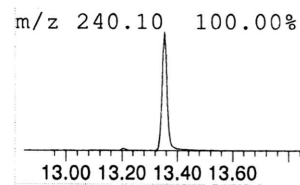
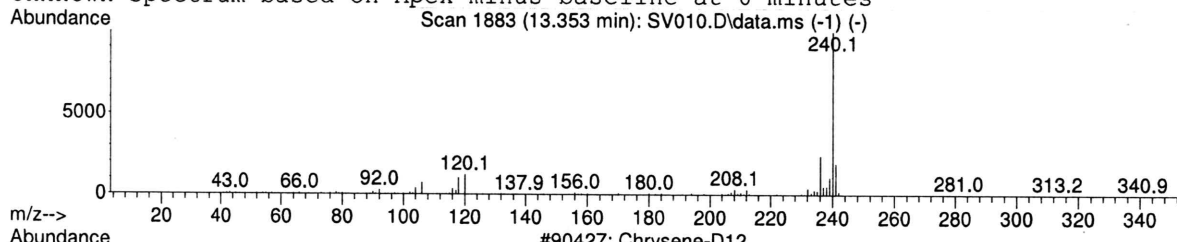
Ref\# CAS\# Qual

C:\Database\NIST08.L

Rank	Library Name	Ref\#	CAS\#	Qual
1	1,2-Benzenedicarboxylic acid, mono(2-ethylhexyl) ester	119596	004376-20-9	58
2	Phthalic acid, monocyclohexyl ester	96168	007517-36-4	47
3	1,2-Benzenedicarboxylic acid, dicyclohexyl ester	158735	000084-61-7	47

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

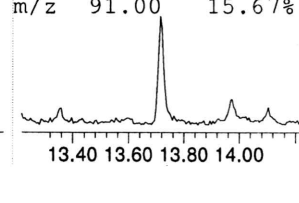
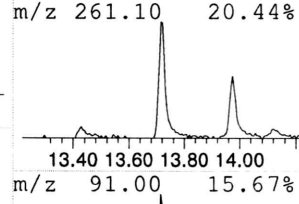
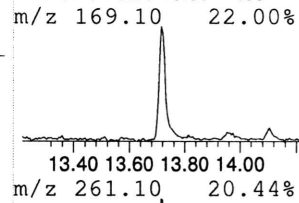
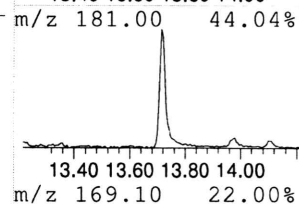
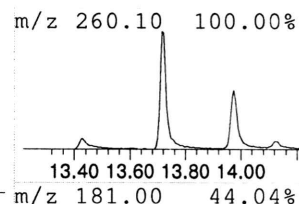
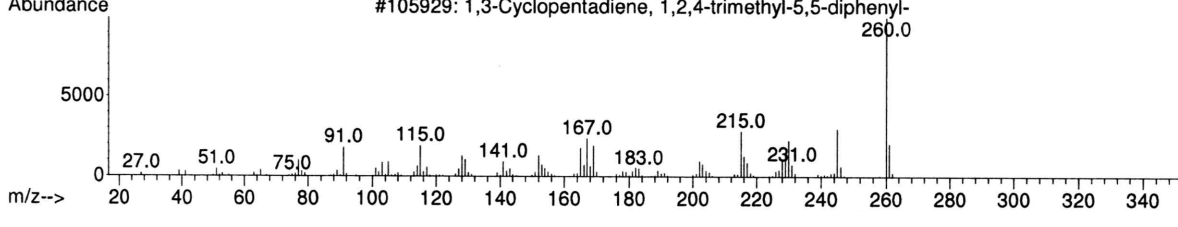
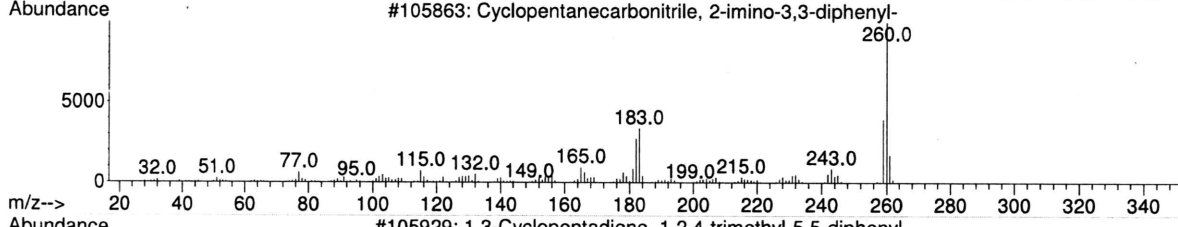
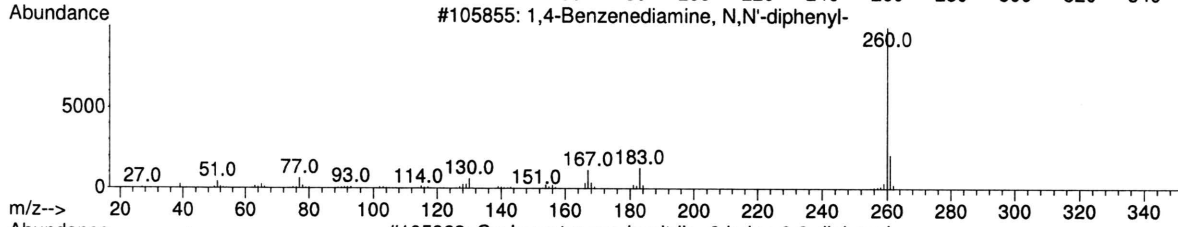
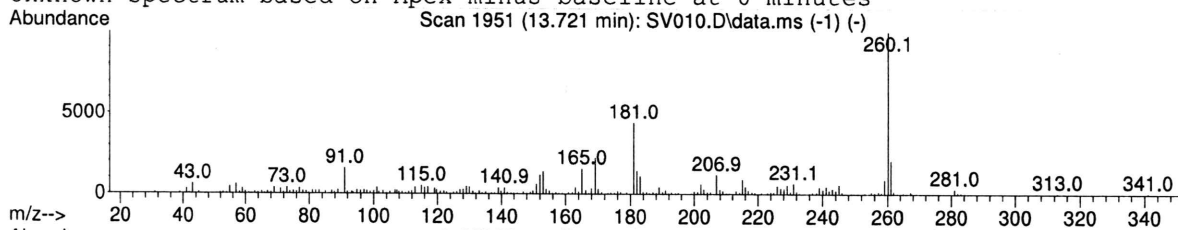
Sample : 832506-1 EXT-2018-14p19

Peak Number: 41 at 13.353 min Area: 12680839 Area % 4.74

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual
-----			
C:\Database\NIST08.L			
1 Chrysene-D12	90427	001719-03-5	98
2 [1]Benzo[h]thieno[4,5-b][1]benzothi...	90065	055134-02-6	59
3 [1,1'-Biphenyl]-4,4'-diamine, 3,...	90374	054827-17-7	58

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 42 at 13.721 min Area: 4527361 Area % 1.69

The 3 best hits from each library.

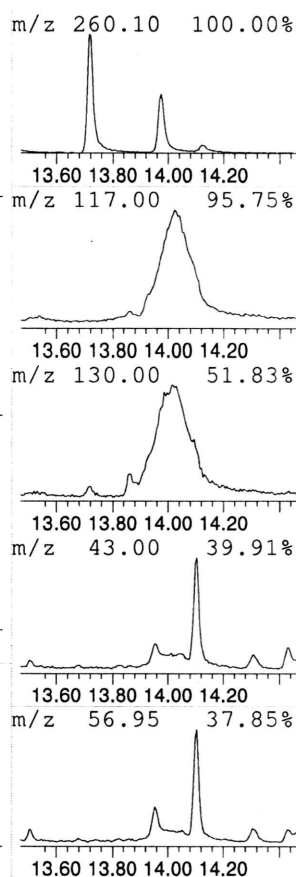
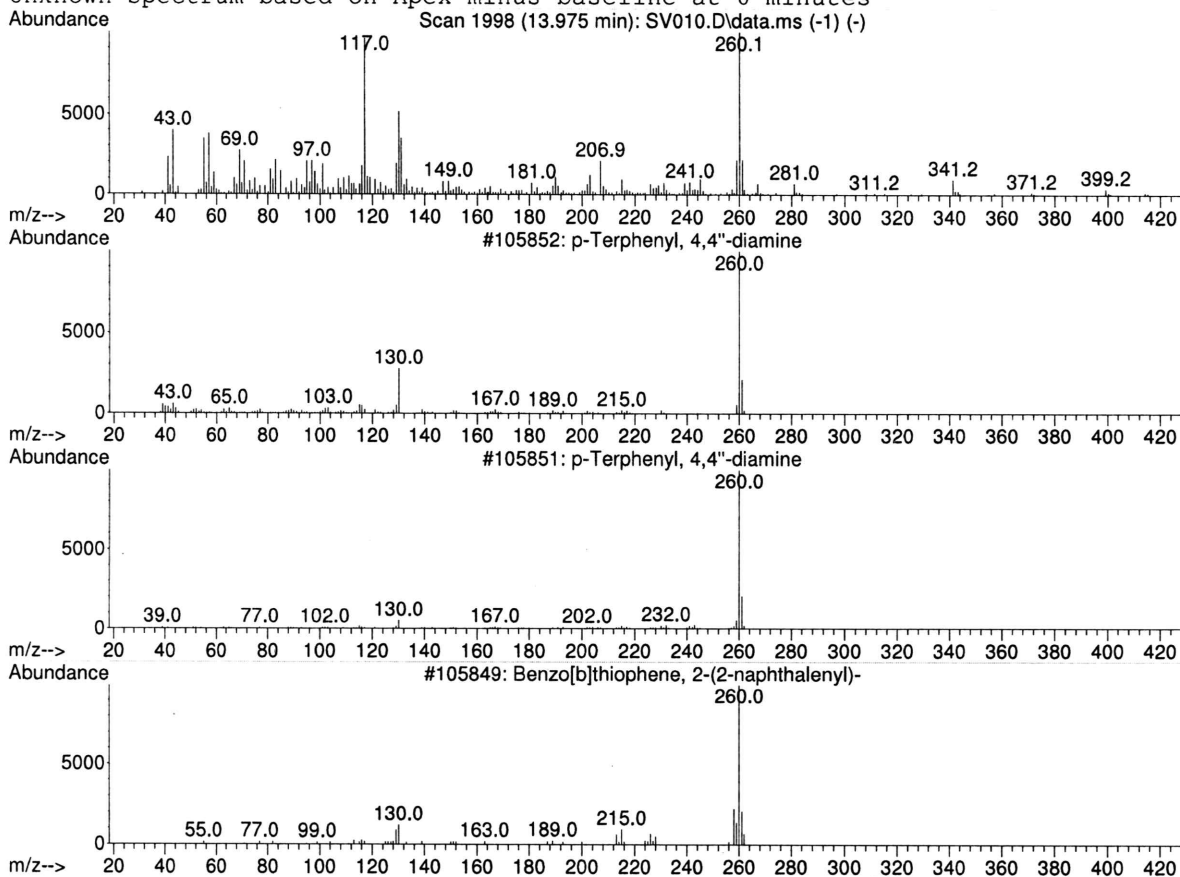
Ref\# CAS\# Qual

C:\Database\NIST08.L

- | Rank | Library Name                         | Ref\#  | CAS\#        | Qual |
|------|--------------------------------------|--------|--------------|------|
| 1    | 1,4-Benzenediamine, N,N'-diphenyl-   | 105855 | 000074-31-7  | 49   |
| 2    | Cyclopentanecarbonitrile, 2-imino... | 105863 | 1000319-42-5 | 43   |
| 3    | 1,3-Cyclopentadiene, 1,2,4-trime...  | 105929 | 1000152-27-5 | 43   |

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 43 at 13.975 min Area: 15034819 Area % 5.62

The 3 best hits from each library.

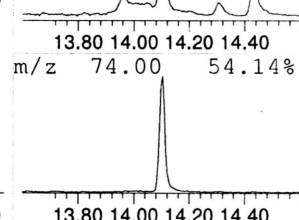
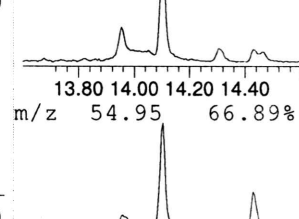
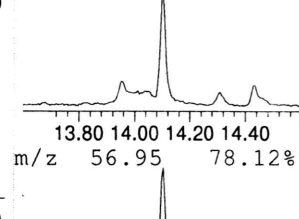
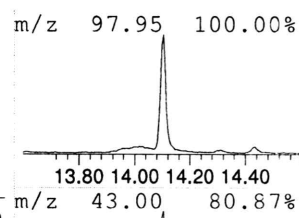
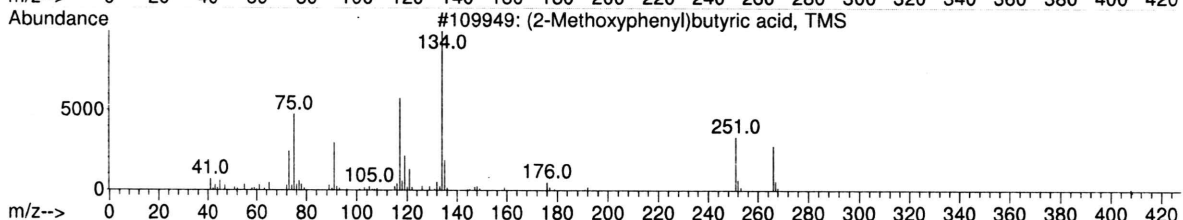
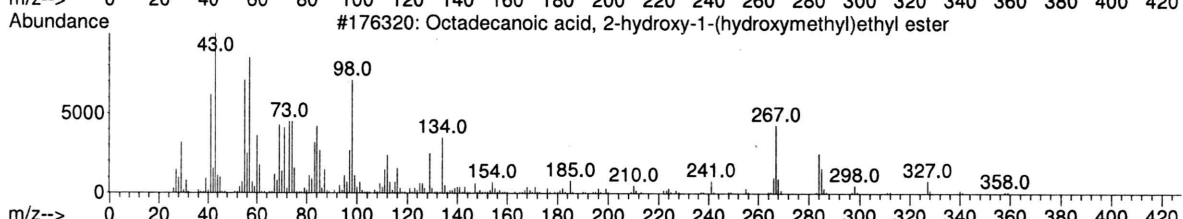
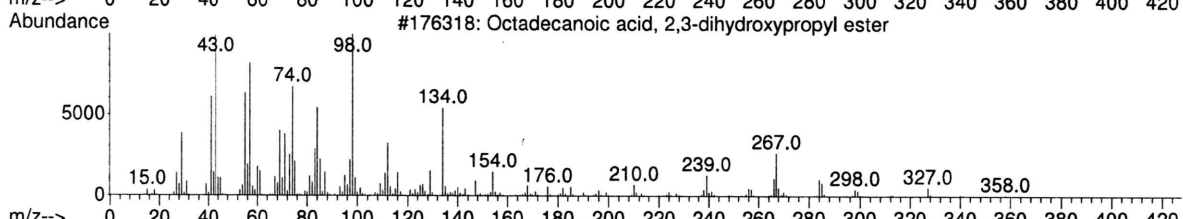
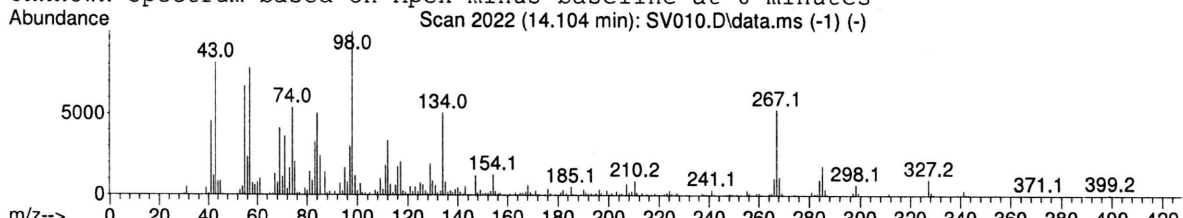
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	105852 003365-85-3	46
2	105851 003365-85-3	45
3	105849 017164-77-1	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\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 44 at 14.104 min Area: 17731480 Area % 6.63

The 3 best hits from each library.

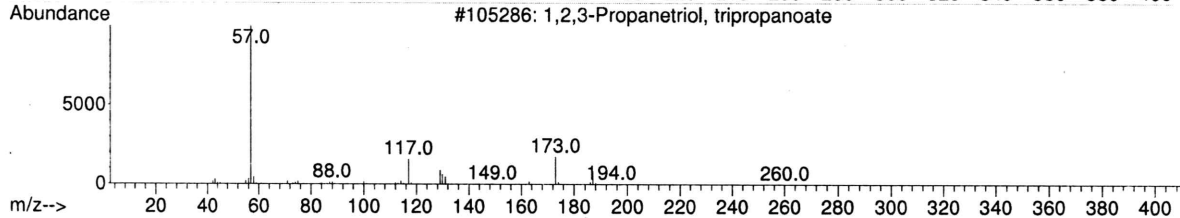
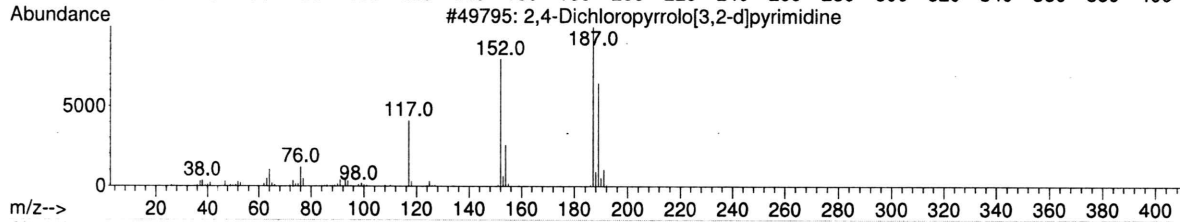
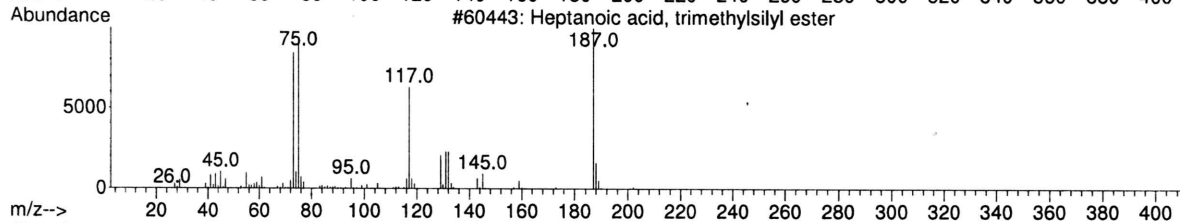
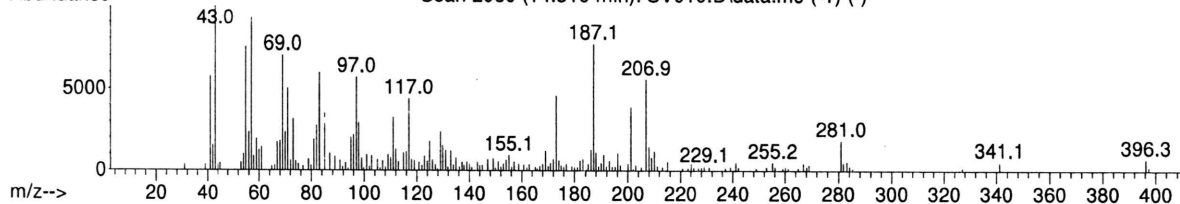
Ref\# CAS\# Qual

C:\Database\NIST08.L

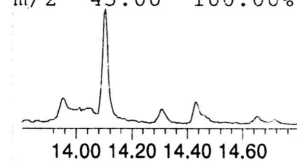
Rank	Library Name	Ref\#	CAS\#	Qual
1	Octadecanoic acid, 2,3-dihydroxy...	176318	000123-94-4	46
2	Octadecanoic acid, 2-hydroxy-1-(...	176320	000621-61-4	43
3	(2-Methoxyphenyl)butyric acid, TMS	109949	1000099-80-6	25

Unknown Spectrum based on Apex minus baseline at 0 minutes

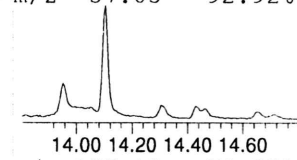
Scan 2060 (14.310 min): SV010.D\data.ms (-1) (-)



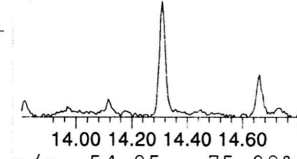
m/z 43.00 100.00%



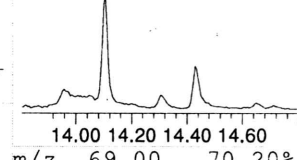
m/z 57.05 92.92%



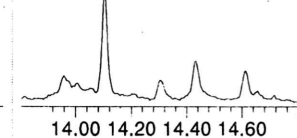
m/z 187.10 76.85%



m/z 54.95 75.08%



m/z 69.00 70.20%



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 45 at 14.310 min Area: 2975219 Area % 1.11

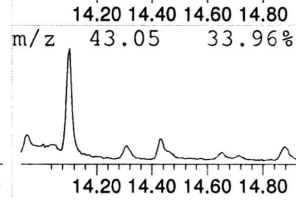
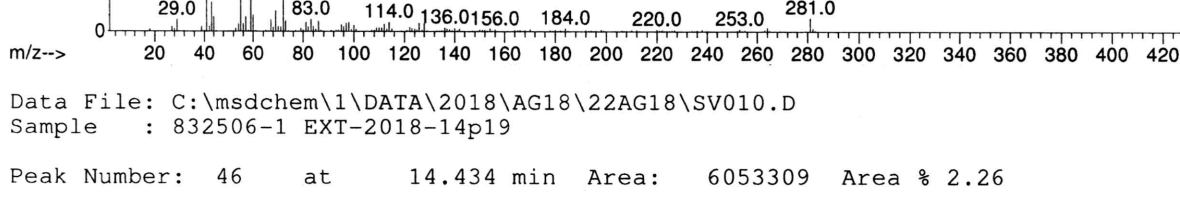
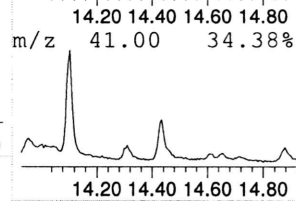
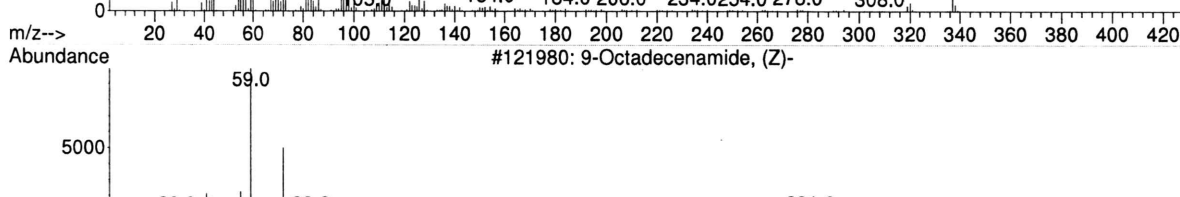
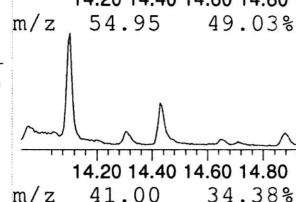
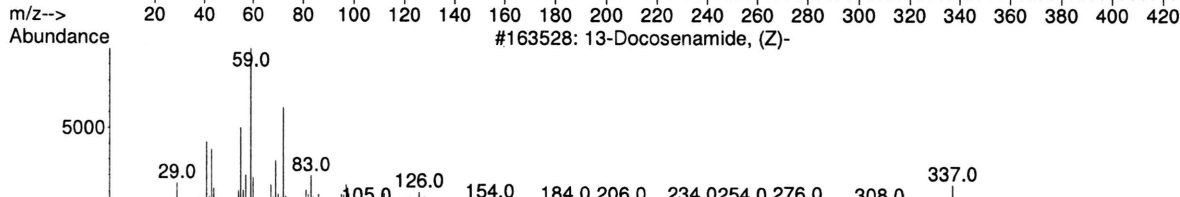
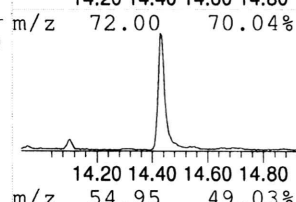
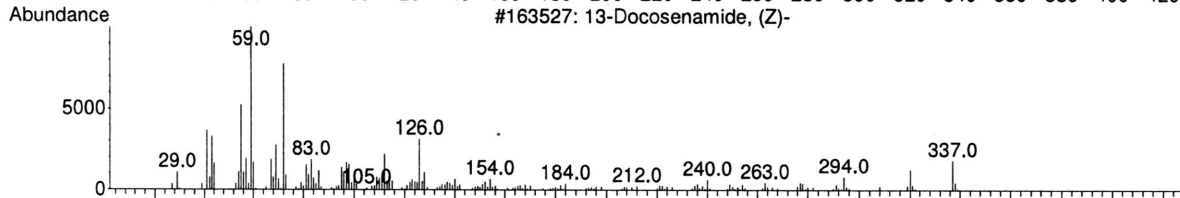
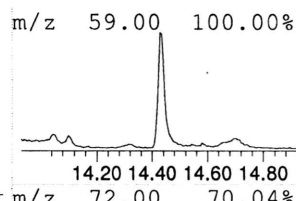
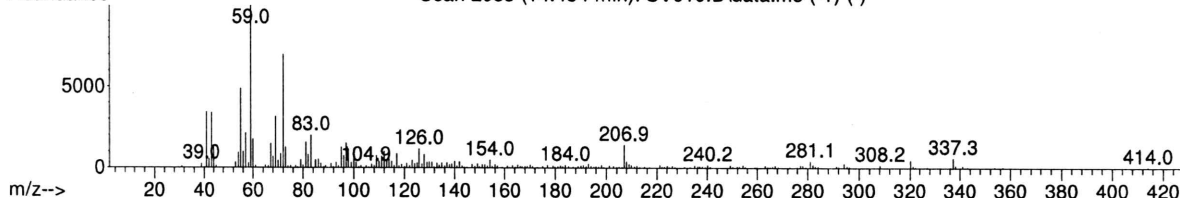
The 3 best hits from each library.

Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	60443	22
2	49795	14
3	105286	14

Unknown Spectrum based on Apex minus baseline at 0 minutes  
 Scan 2083 (14.434 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

Peak Number: 46 at 14.434 min Area: 6053309 Area % 2.26

The 3 best hits from each library.

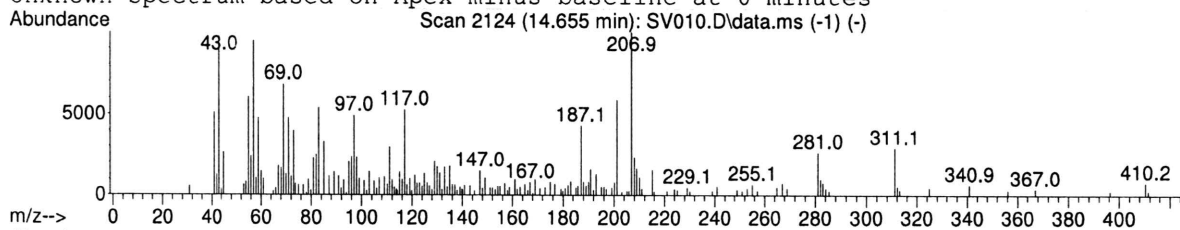
Ref\# CAS\# Qual

Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 13-Docosenamide, (Z)-	163527	000112-84-5	93
2 13-Docosenamide, (Z)-	163528	000112-84-5	93
3 9-Octadecenamide, (Z)-	121980	000301-02-0	91

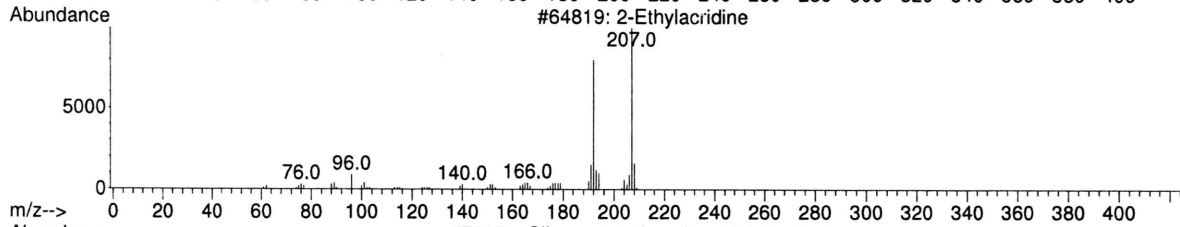


Library Search Report - ChemStation Integrator

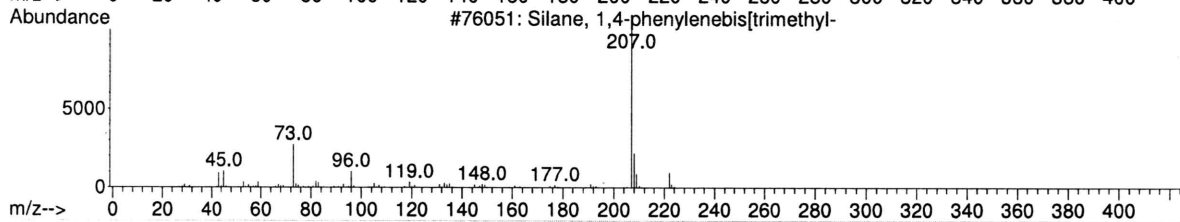
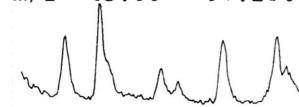
Unknown Spectrum based on Apex minus baseline at 0 minutes



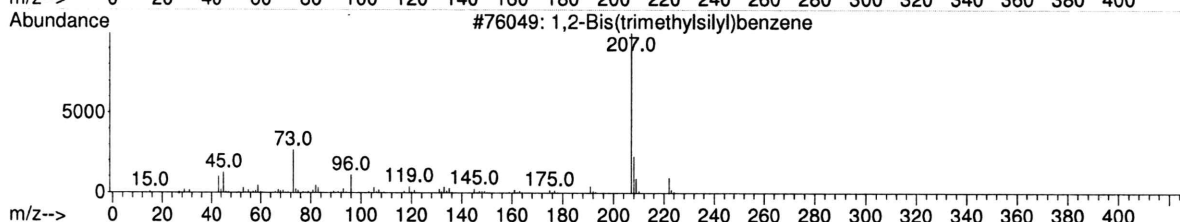
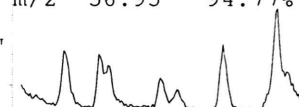
m/z 206.95 100.00%



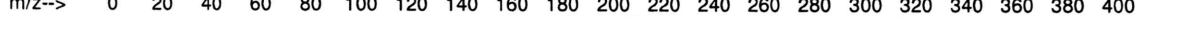
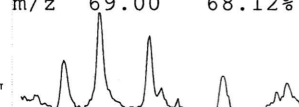
m/z 43.00 97.26%



m/z 56.95 94.77%



m/z 69.00 68.12%



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 47 at 14.655 min Area: 1474553 Area % 0.55

The 3 best hits from each library.

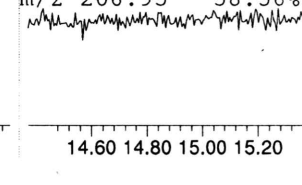
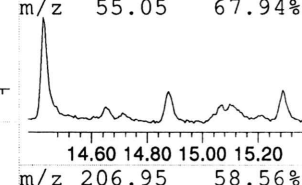
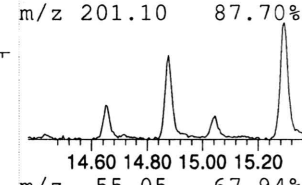
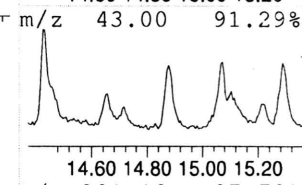
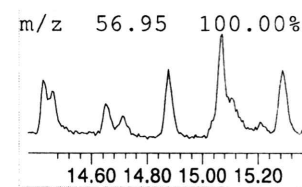
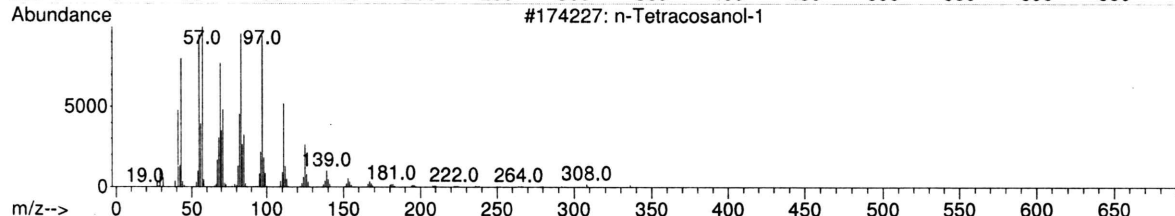
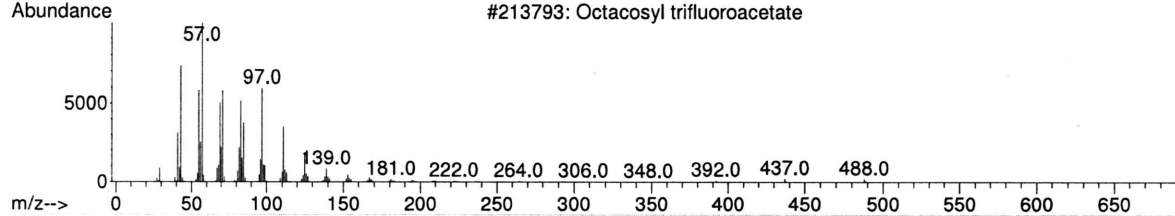
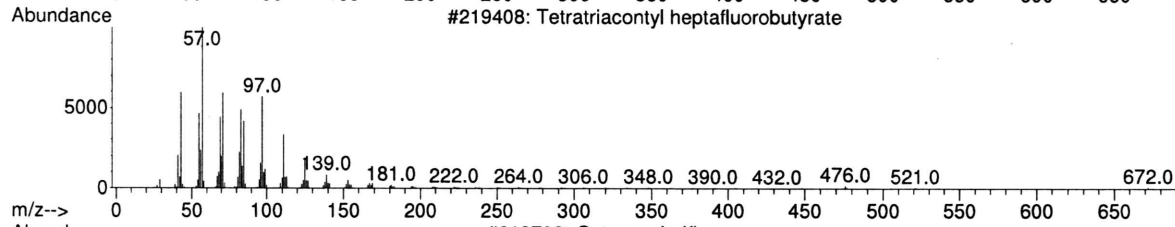
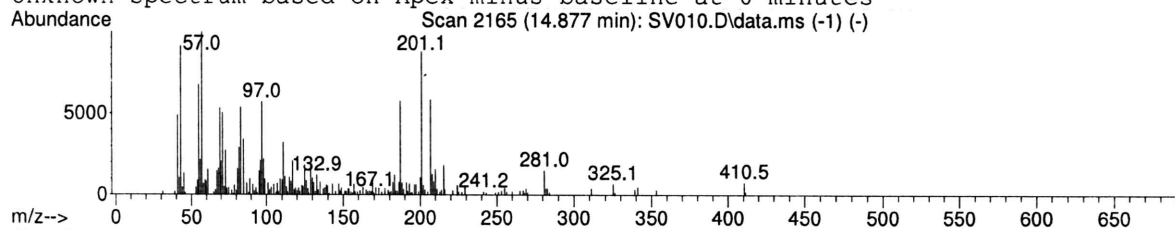
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	64819 055751-83-2	18
2	76051 013183-70-5	14
3	76049 017151-09-6	14

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

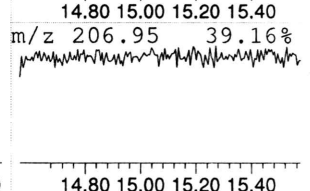
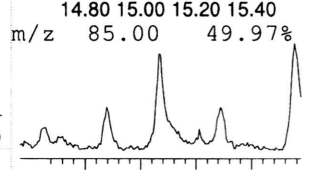
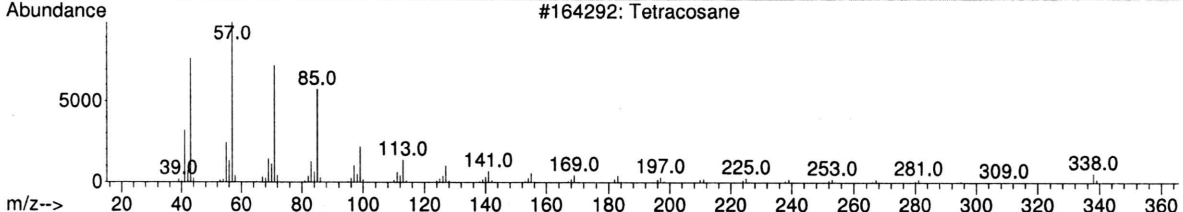
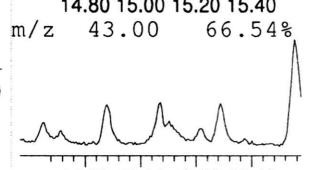
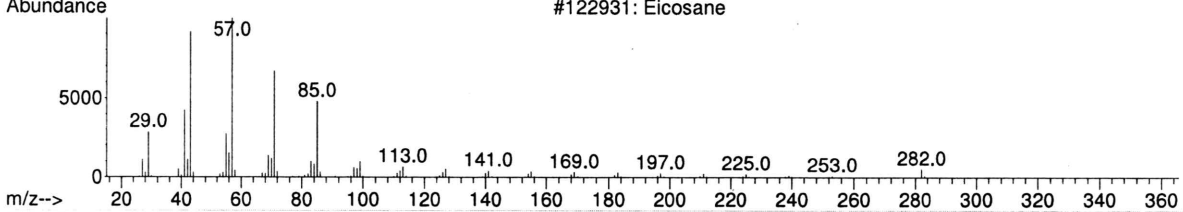
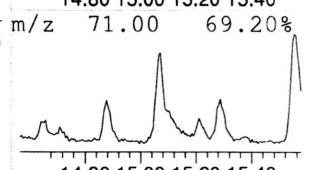
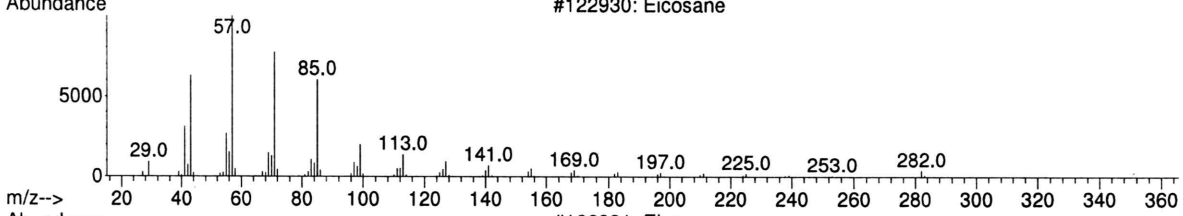
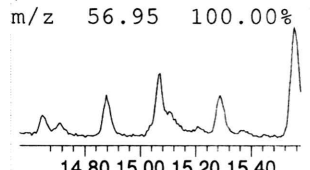
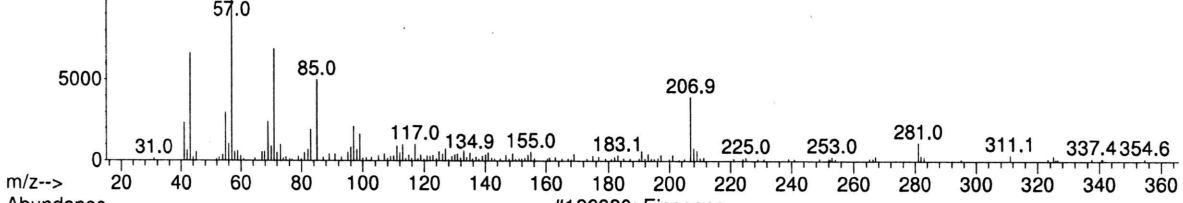
Peak Number: 48 at 14.877 min Area: 2469982 Area % 0.92

The 3 best hits from each library.

Ref\#	CAS\#	Qual
1	219408	25
2	213793	25
3	174227	25

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 2201 (15.071 min): SV010.D\data.ms (-) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

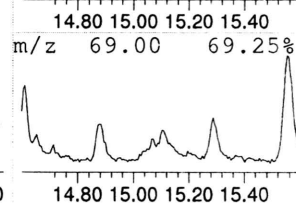
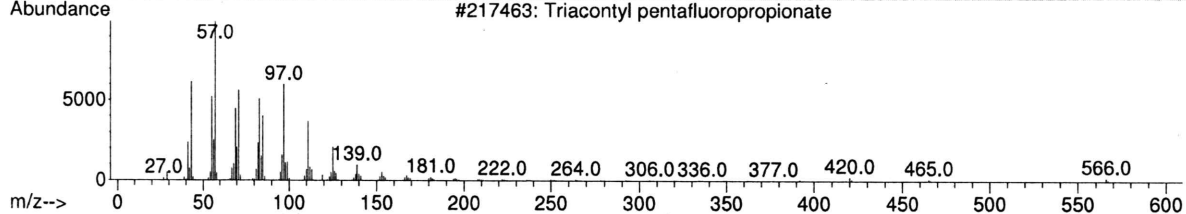
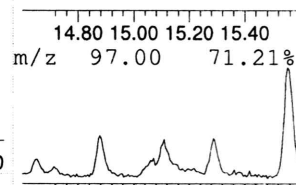
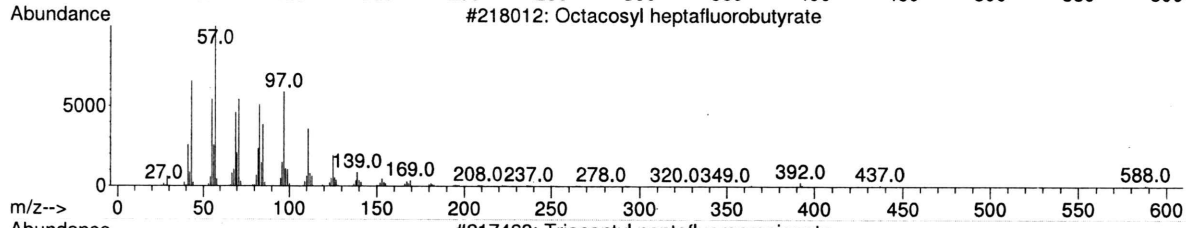
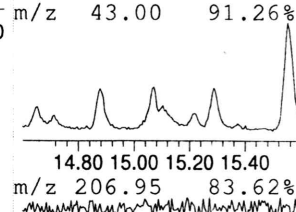
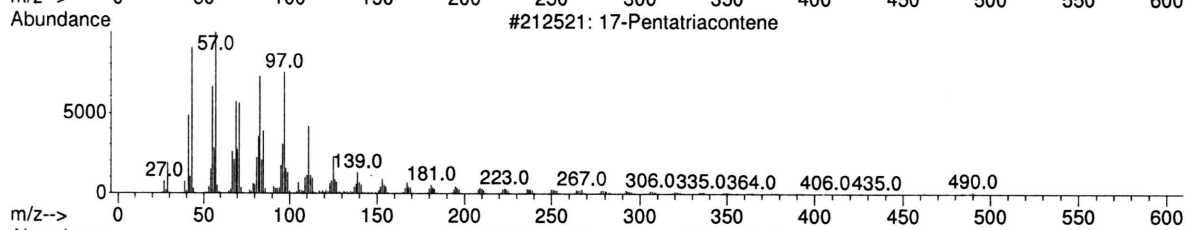
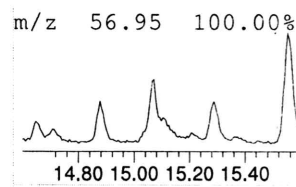
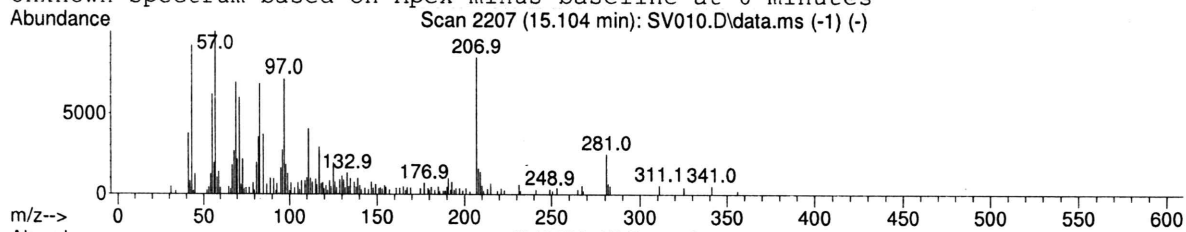
Peak Number: 49 at 15.071 min Area: 1589539 Area % 0.59

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

C:\Database\NIST08.L			
Ref\#	CAS\#	Qual	
1	122930	000112-95-8	96
2	122931	000112-95-8	89
3	164292	000646-31-1	60

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 50 at 15.104 min Area: 1744787 Area % 0.65

The 3 best hits from each library.

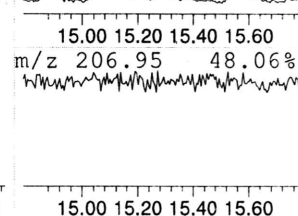
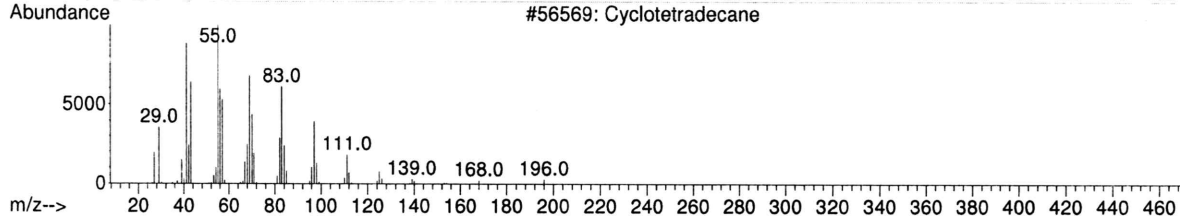
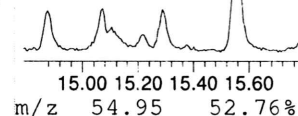
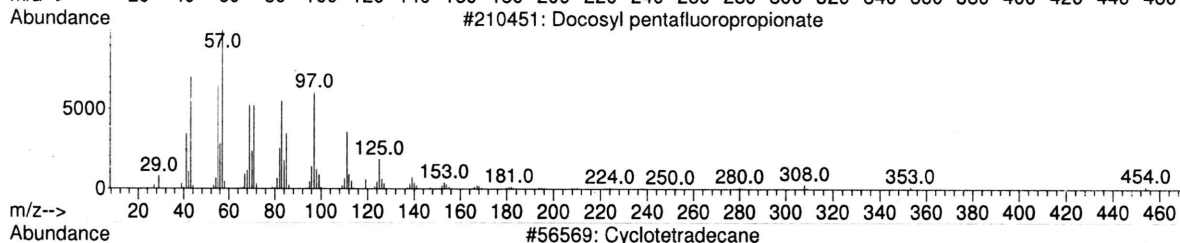
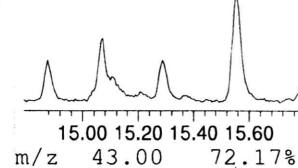
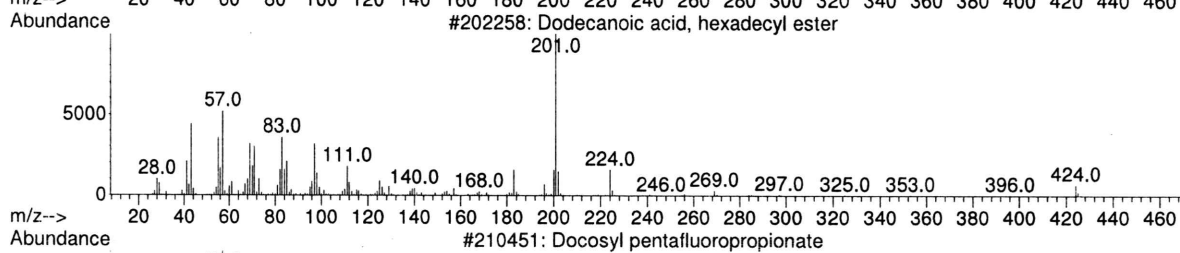
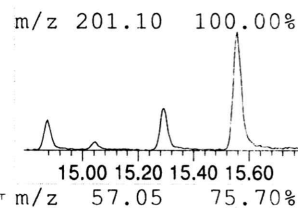
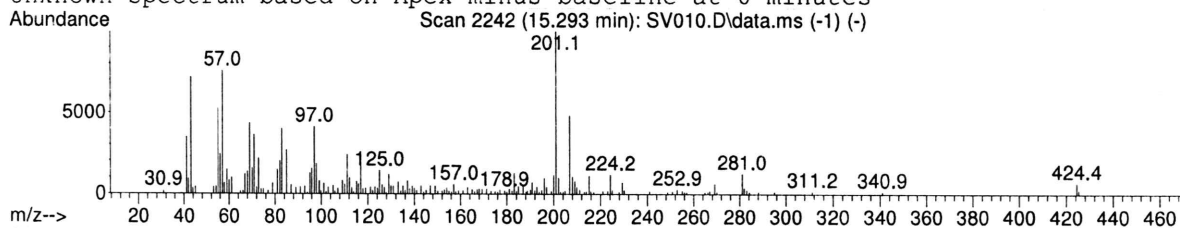
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	212521 006971-40-0	89
2	218012 1000351-83-6	55
3	217463 1000351-80-0	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\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 51 at 15.293 min Area: 2330958 Area % 0.87

The 3 best hits from each library.

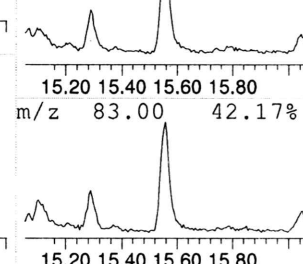
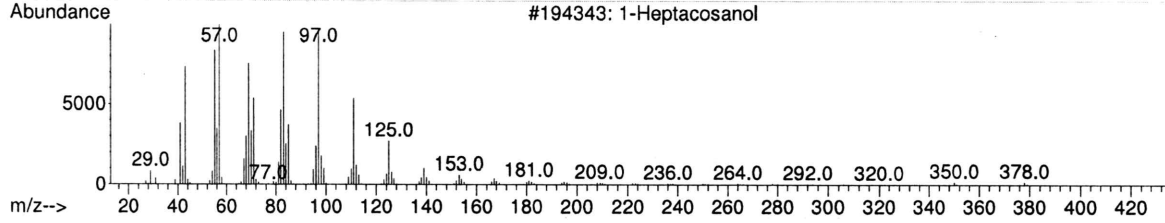
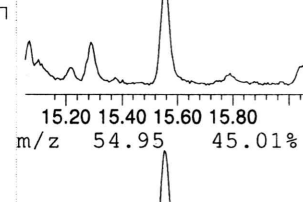
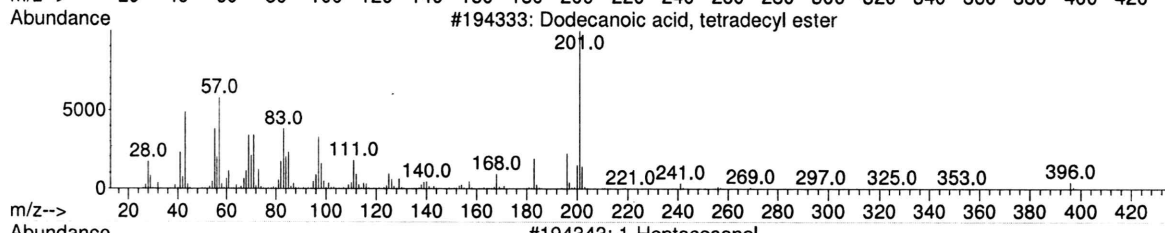
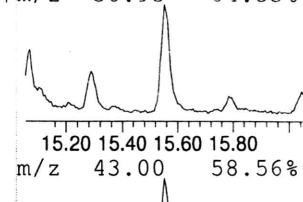
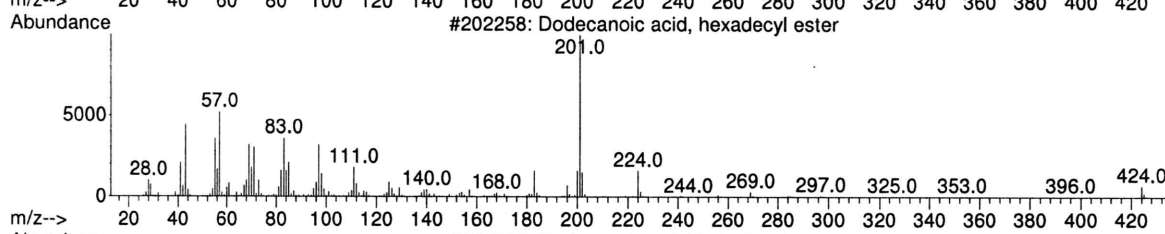
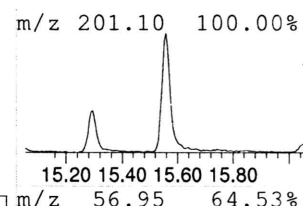
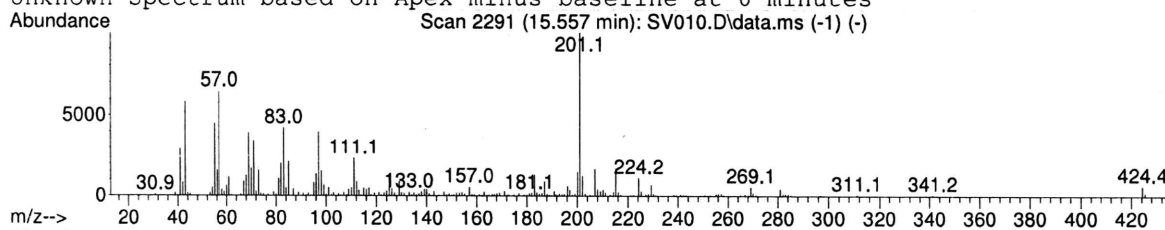
Ref\# CAS\# Qual

C:\Database\NIST08.L

- | Ref\# | CAS\#               | Qual |
|-------|---------------------|------|
| 1     | 202258 020834-06-4  | 86   |
| 2     | 210451 1000351-80-9 | 60   |
| 3     | 56569 000295-17-0   | 41   |

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

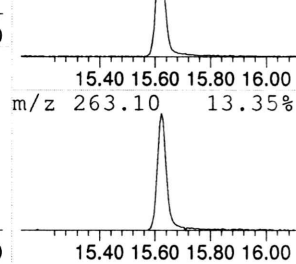
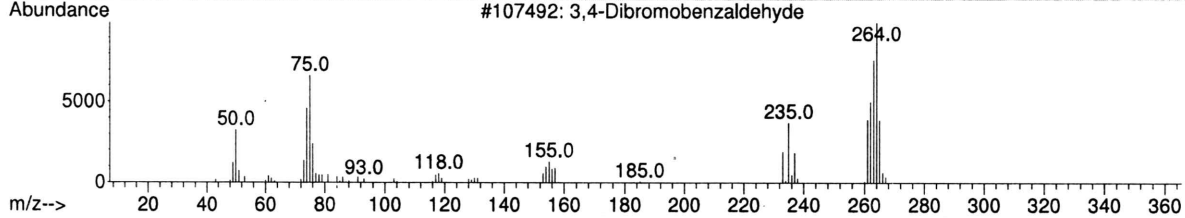
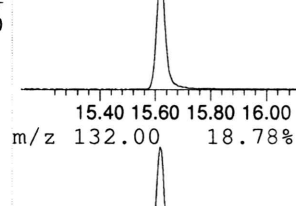
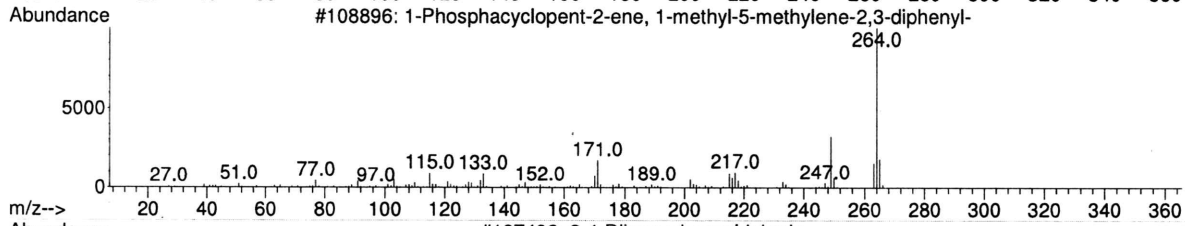
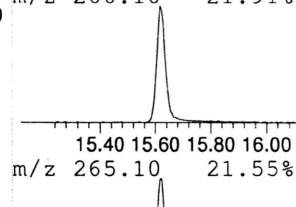
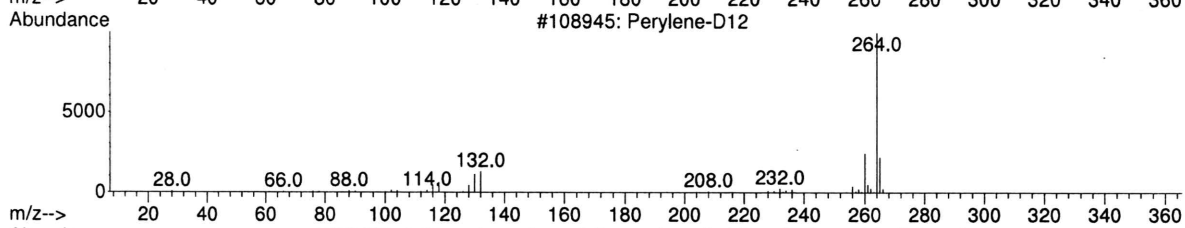
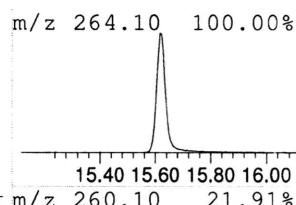
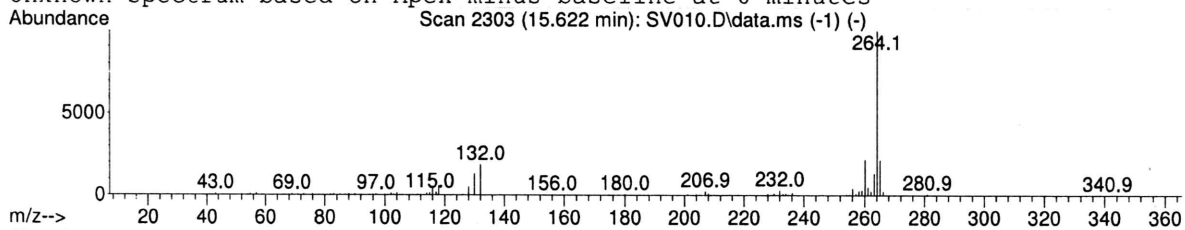
Peak Number: 52 at 15.557 min Area: 5287106 Area % 1.98

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

Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 Dodecanoic acid, hexadecyl ester	202258	020834-06-4	95
2 Dodecanoic acid, tetradecyl ester	194333	022412-97-1	58
3 1-Heptacosanol	194343	002004-39-9	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\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 53 at 15.622 min Area: 12090692 Area % 4.52

The 3 best hits from each library.

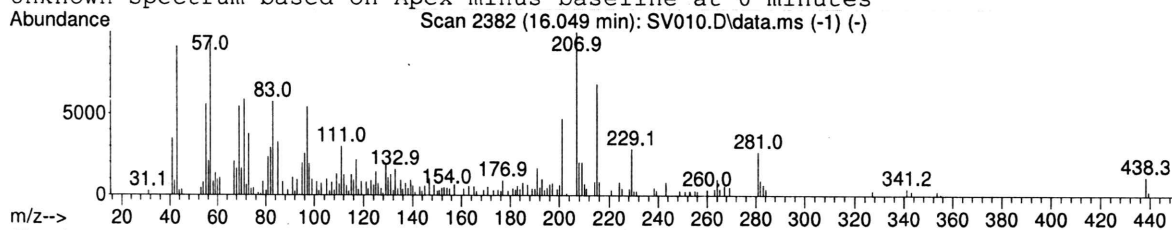
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	108945 001520-96-3	98
2	108896 1000161-67-7	58
3	107492 074003-55-7	58

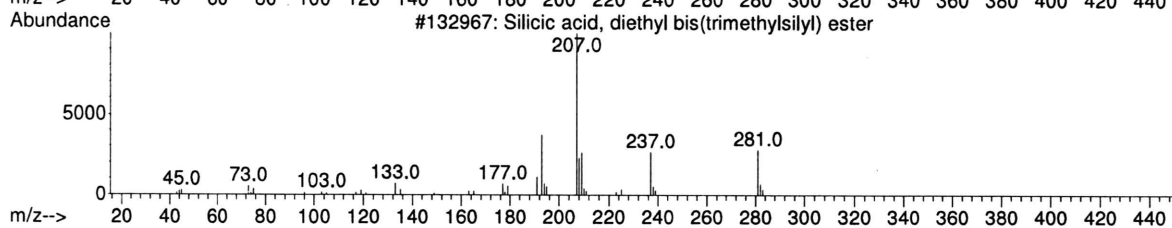
Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes

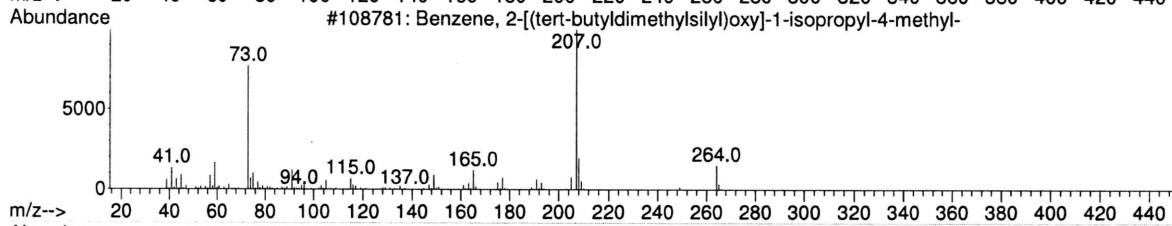


m/z 206.95 100.00%

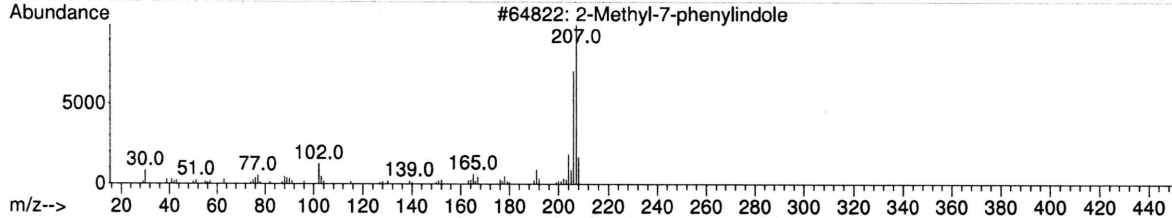
15.80 16.00 16.20 16.40  
m/z 56.95 96.13%



15.80 16.00 16.20 16.40  
m/z 43.00 91.23%



15.80 16.00 16.20 16.40  
m/z 215.10 68.68%



15.80 16.00 16.20 16.40  
m/z 71.05 59.07%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 54 at 16.049 min Area: 1390707 Area % 0.52

The 3 best hits from each library.

Ref\# CAS\# Qual

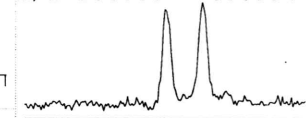
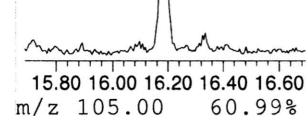
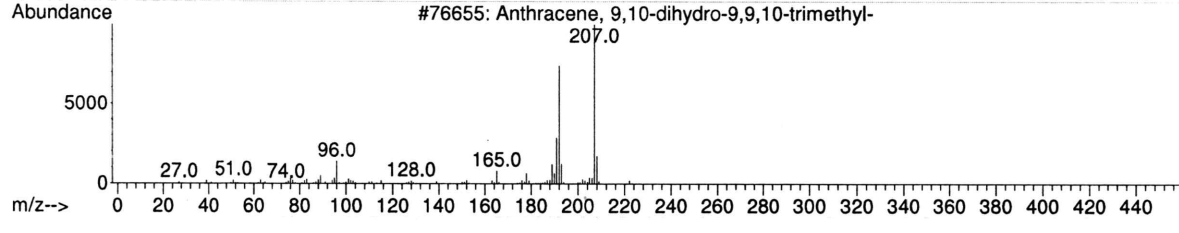
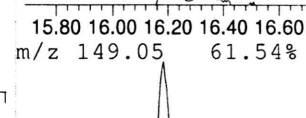
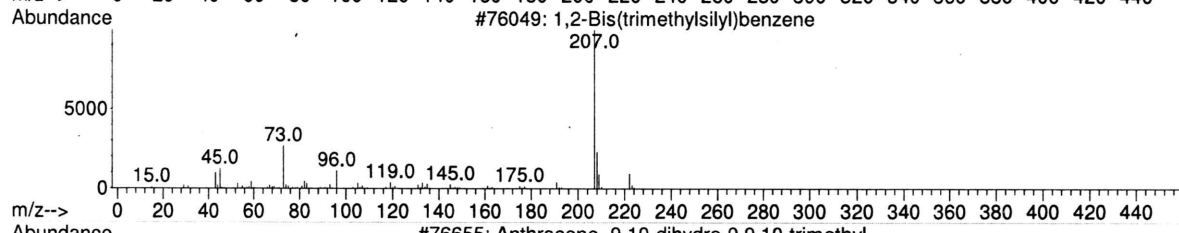
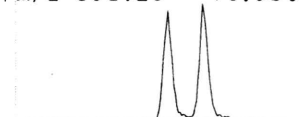
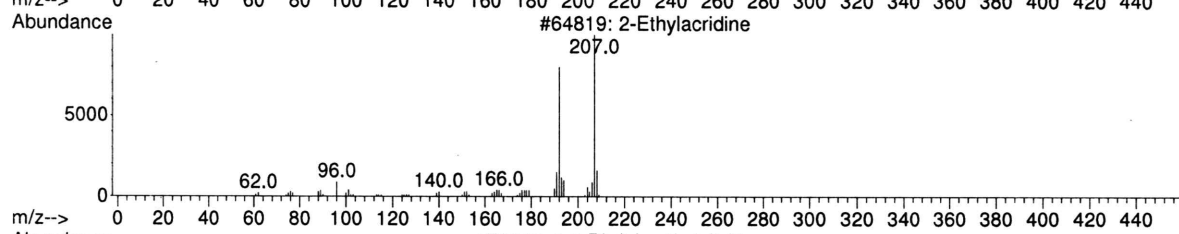
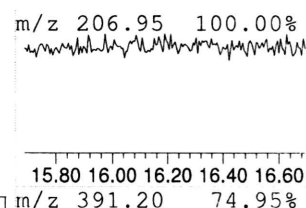
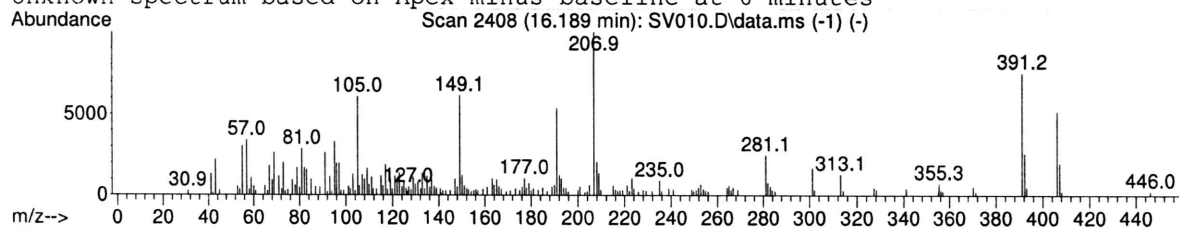
C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	132967 003555-45-1	35
2	108781 330455-64-6	30
3	64822 001140-08-5	25



Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

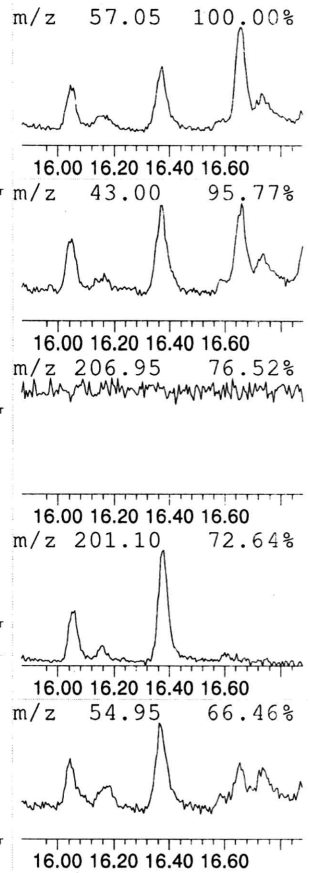
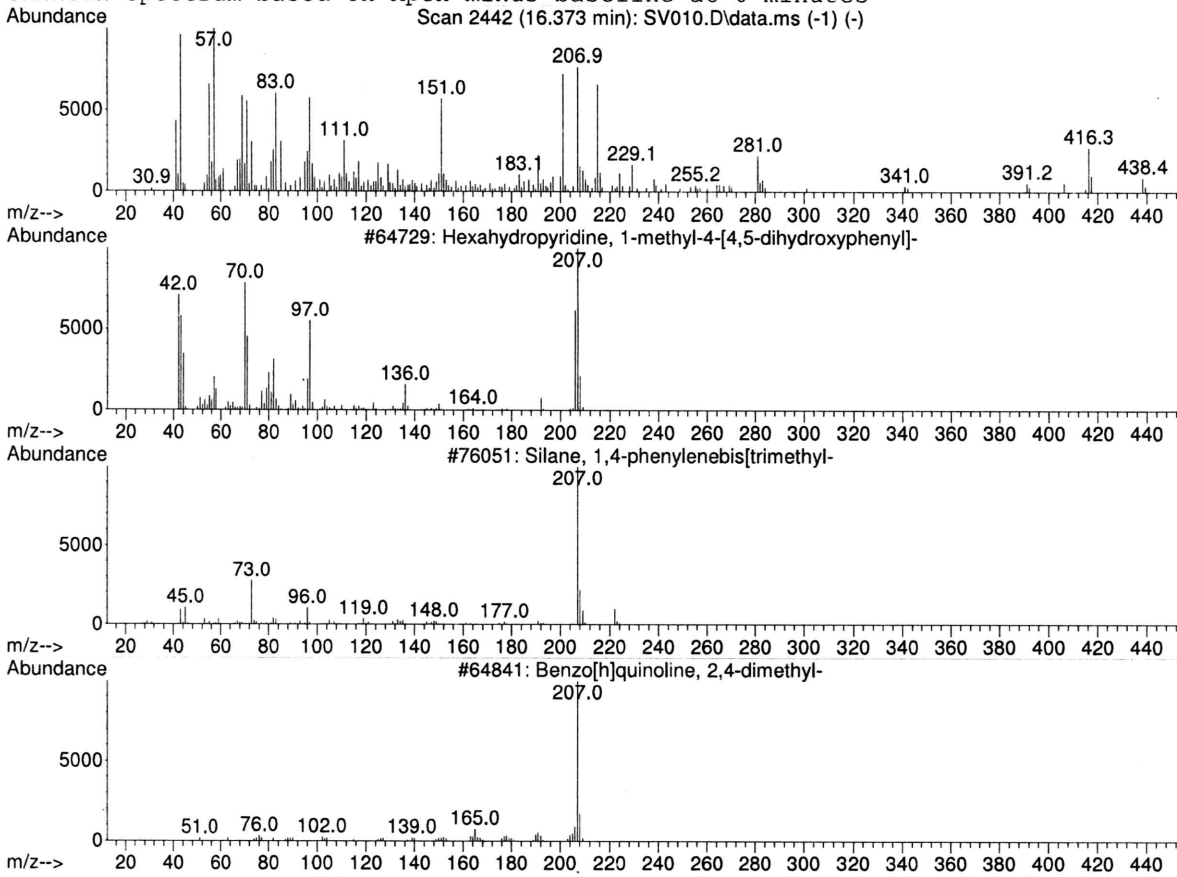
Peak Number: 55 at 16.189 min Area: 1593674 Area % 0.60

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

C:\Database\NIST08.L			
Ref\#	CAS\#	Qual	
1	64819	055751-83-2	35
2	76049	017151-09-6	35
3	76655	014923-29-6	35

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 2442 (16.373 min): SV010.D\data.ms (-) (-)



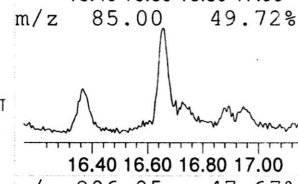
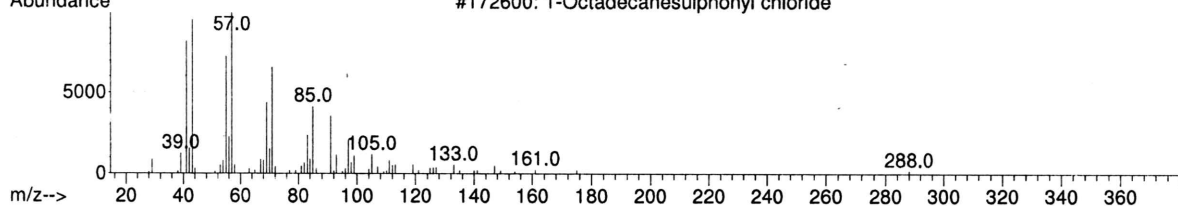
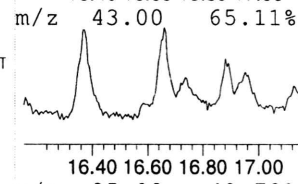
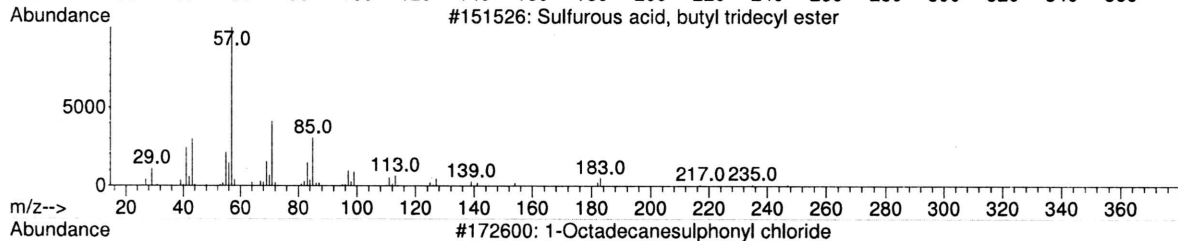
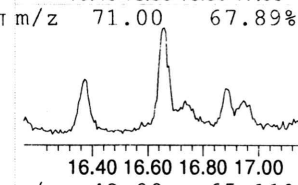
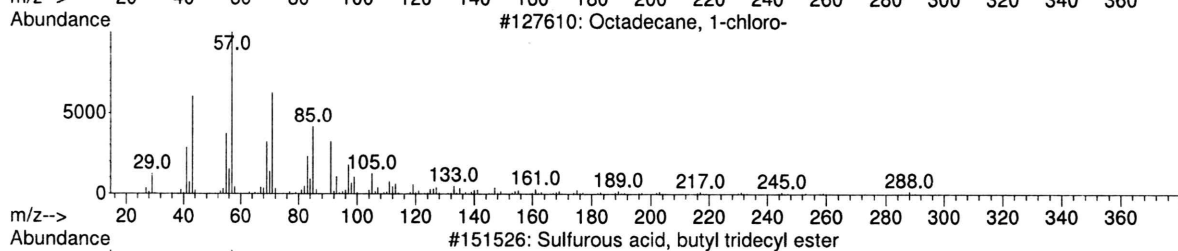
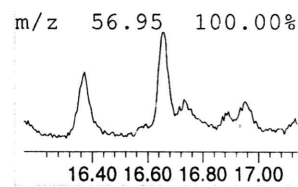
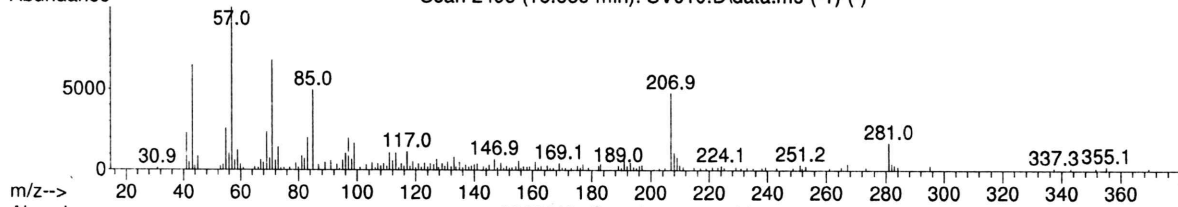
Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

Peak Number: 56 at 16.373 min Area: 3311213 Area % 1.24

The 3 best hits from each library.			
	Ref\#	CAS\#	Qual
-----			
C:\Database\NIST08.L			
1	64729	094427-47-1	27
2	76051	013183-70-5	25
3	64841	000605-67-4	15

Unknown Spectrum based on Apex minus baseline at 0 minutes

Scan 2495 (16.659 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 57 at 16.659 min Area: 1345906 Area % 0.50

The 3 best hits from each library.

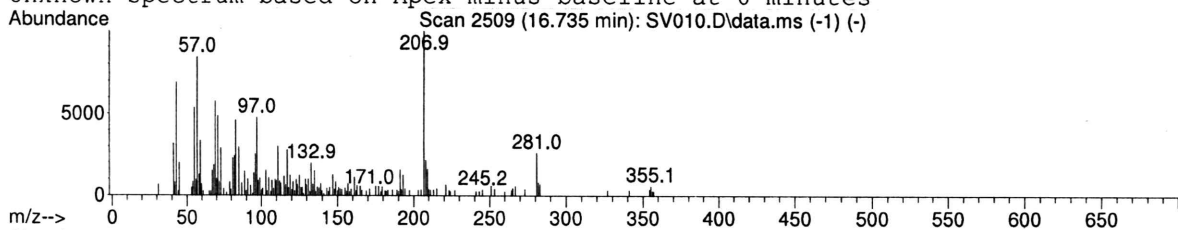
Ref\# CAS\# Qual

C:\Database\NIST08.L

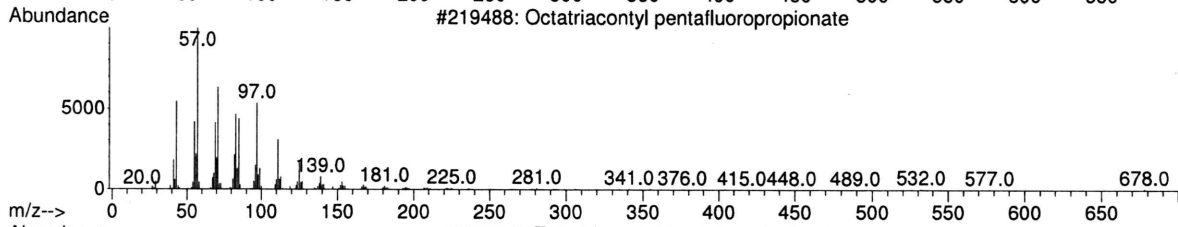
Ref\#	CAS\#	Qual
1	127610 003386-33-2	53
2	151526 1000309-18-0	49
3	172600 1000342-70-4	49

Library Search Report - ChemStation Integrator

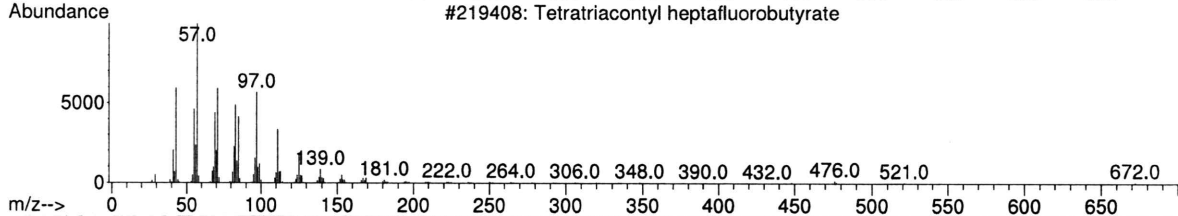
Unknown Spectrum based on Apex minus baseline at 0 minutes



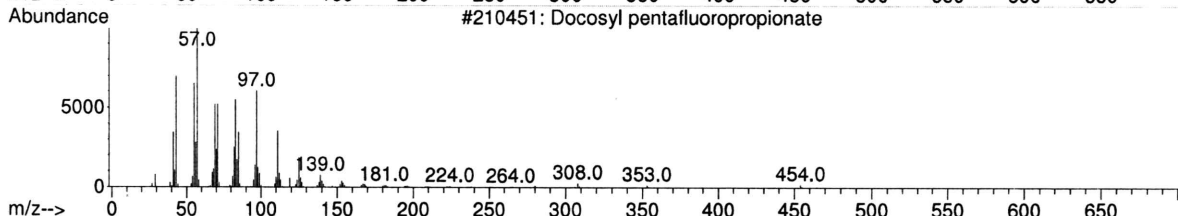
m/z 206.95 100.00%



16.40 16.60 16.80 17.00  
m/z 56.95 84.17%



16.40 16.60 16.80 17.00  
m/z 43.00 69.22%



16.40 16.60 16.80 17.00  
m/z 69.00 57.94%

16.40 16.60 16.80 17.00  
m/z 54.95 53.67%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 58 at 16.735 min Area: 1184536 Area % 0.44

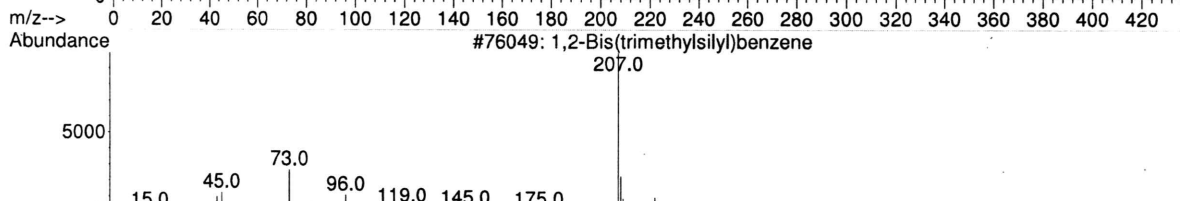
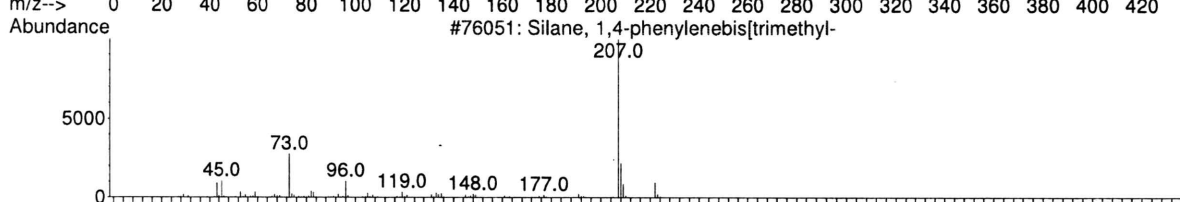
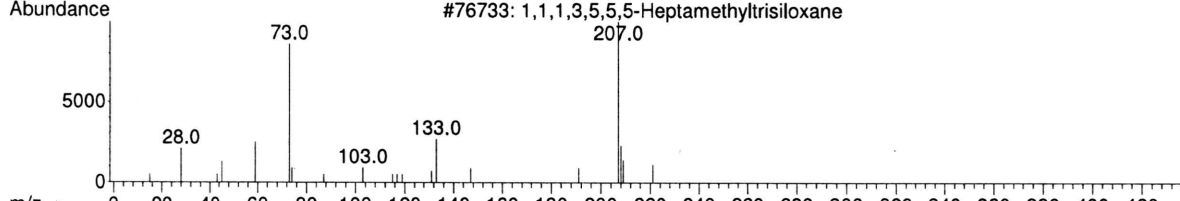
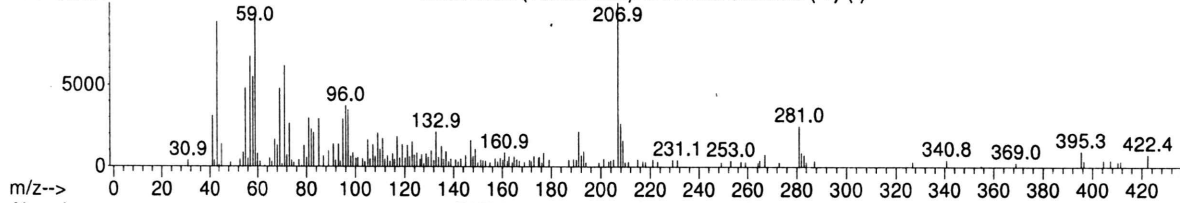
The 3 best hits from each library.

Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	219488 1000351-89-1	42
2	219408 1000351-84-1	38
3	210451 1000351-80-9	38

Unknown Spectrum based on Apex minus baseline at 0 minutes  
 Scan 2538 (16.892 min): SV010.D\data.ms (-1) (-)



m/z 206.95 100.00%

16.60 16.80 17.00 17.20  
 m/z 59.00 91.68%

16.60 16.80 17.00 17.20  
 m/z 43.00 88.11%

16.60 16.80 17.00 17.20  
 m/z 56.95 67.30%

16.60 16.80 17.00 17.20  
 m/z 71.00 61.68%

Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

Peak Number: 59 at 16.892 min Area: 958014 Area % 0.36

The 3 best hits from each library.

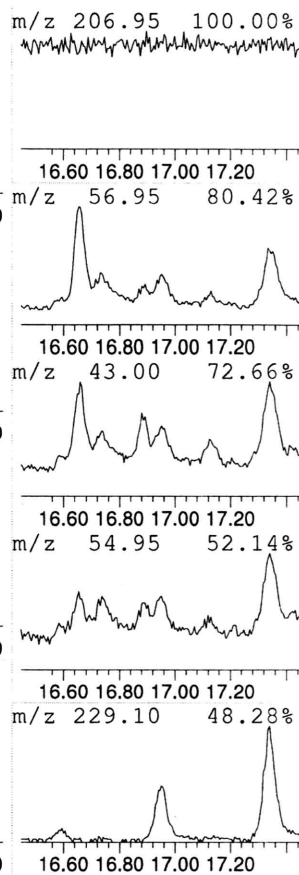
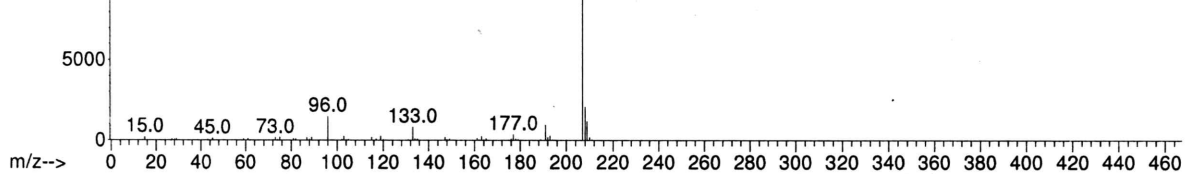
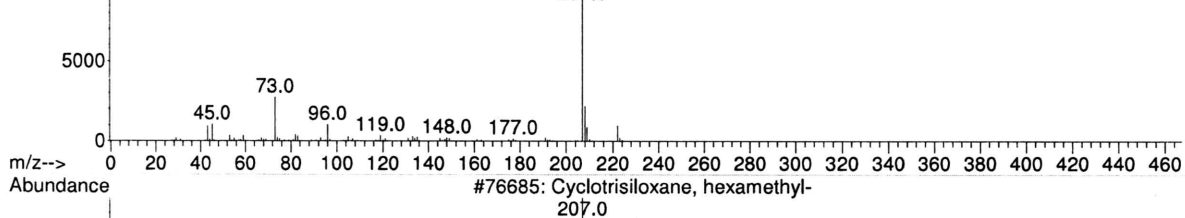
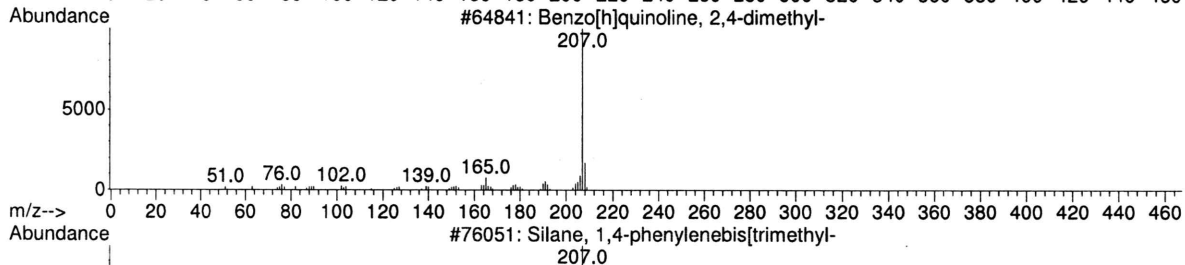
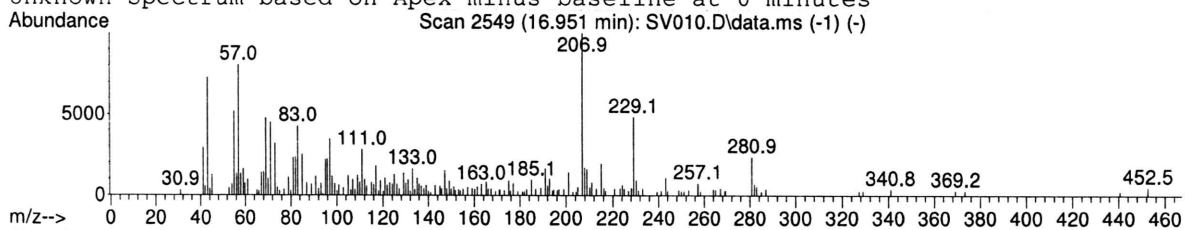
Ref\# CAS\# Qual

C:\Database\NIST08.L

Rank	Library Name	Ref\#	CAS\#	Qual
1	1,1,1,3,5,5,5-Heptamethyltrisilo...	76733	001873-88-7	43
2	Silane, 1,4-phenylenebis(trimethyl-	76051	013183-70-5	27
3	1,2-Bis(trimethylsilyl)benzene	76049	017151-09-6	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\SV010.D

Sample : 832506-1 EXT-2018-14p19

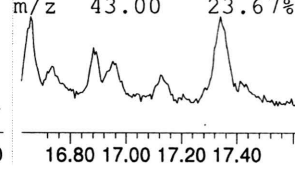
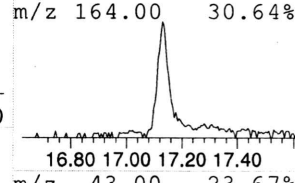
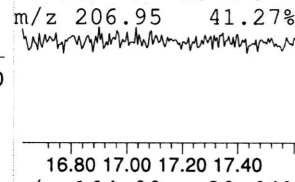
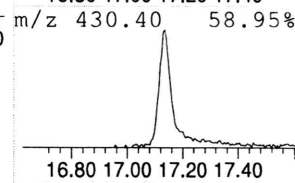
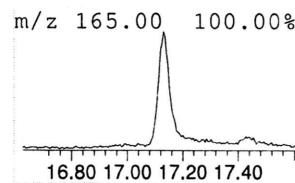
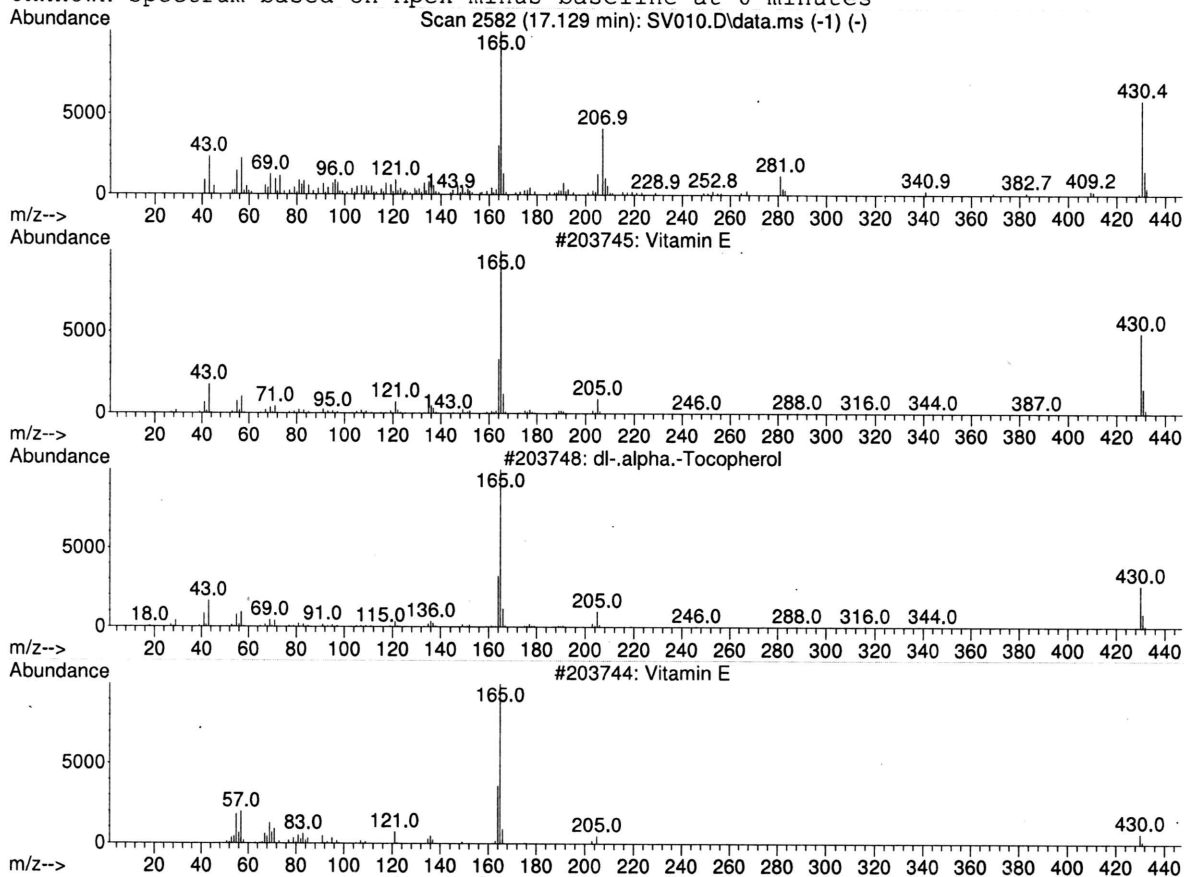
Peak Number: 60 at 16.951 min Area: 1397448 Area % 0.52

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	38
2 Silane, 1,4-phenylenebis(trimethyl-	76051	013183-70-5	35
3 Cyclotrisiloxane, hexamethyl-	76685	000541-05-9	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\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

Peak Number: 61 at 17.129 min Area: 1215672 Area % 0.45

The 3 best hits from each library.

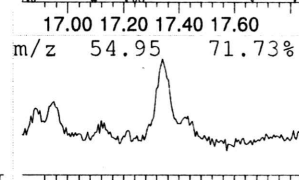
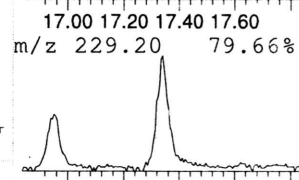
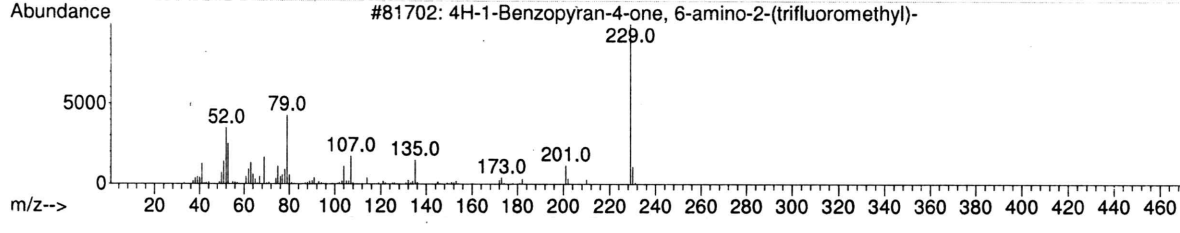
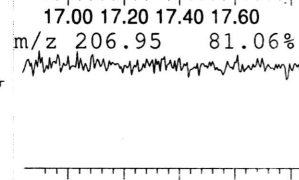
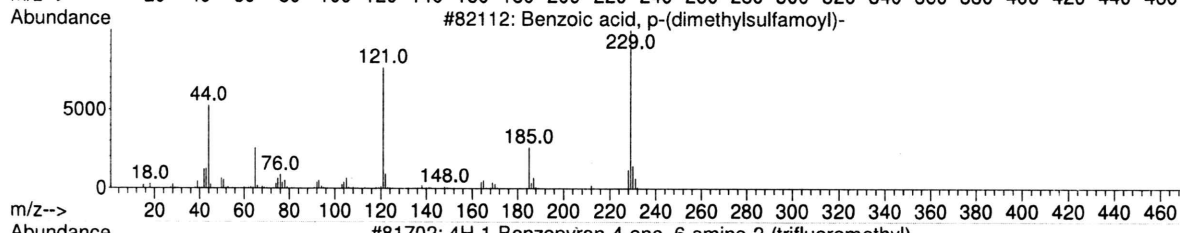
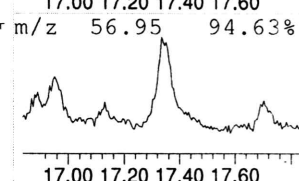
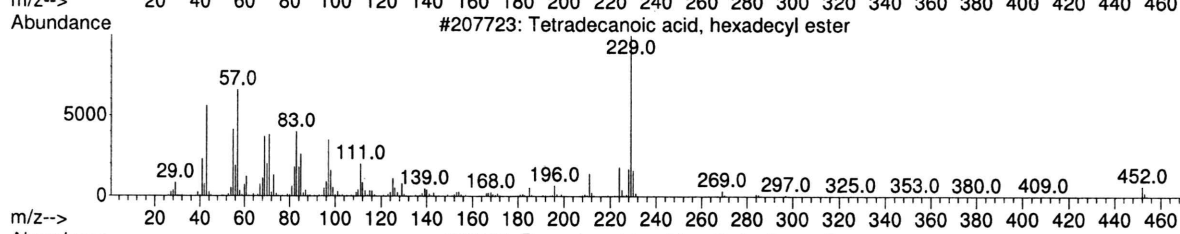
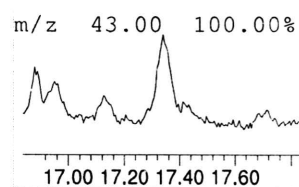
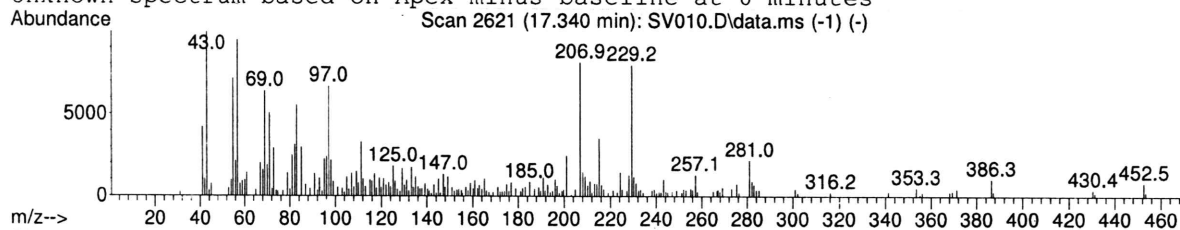
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	203745 000059-02-9	96
2	dl-.alpha.-Tocopherol 203748 010191-41-0	93
3	Vitamin E 203744 000059-02-9	83

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 62 at 17.340 min Area: 3051537 Area % 1.14

The 3 best hits from each library.

Ref\# CAS\# Qual

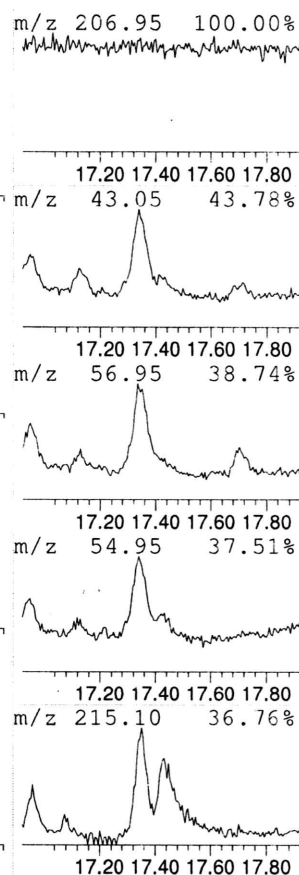
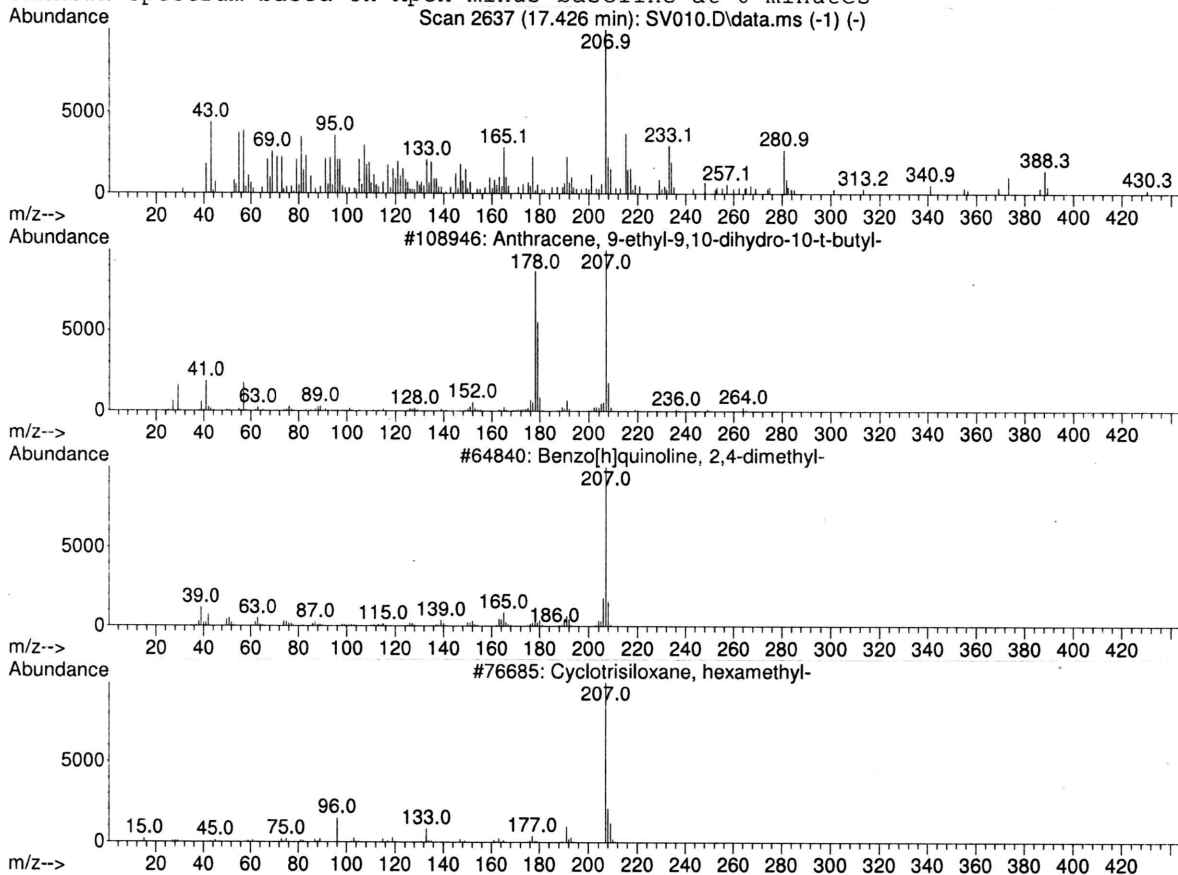
C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	207723 002599-01-1	46
2	82112 001206-37-7	35
3	81702 1000337-75-6	18



Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 63 at 17.426 min Area: 878899 Area % 0.33

The 3 best hits from each library.

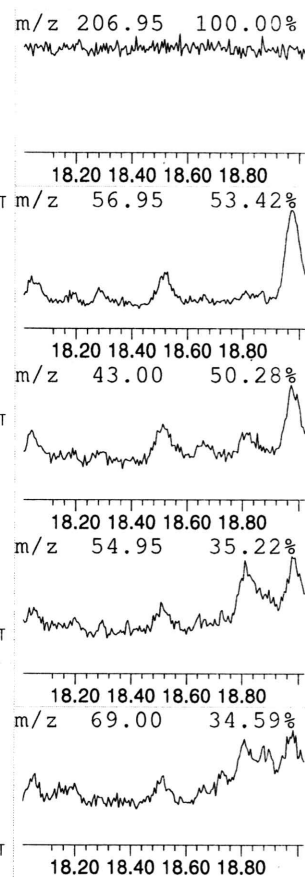
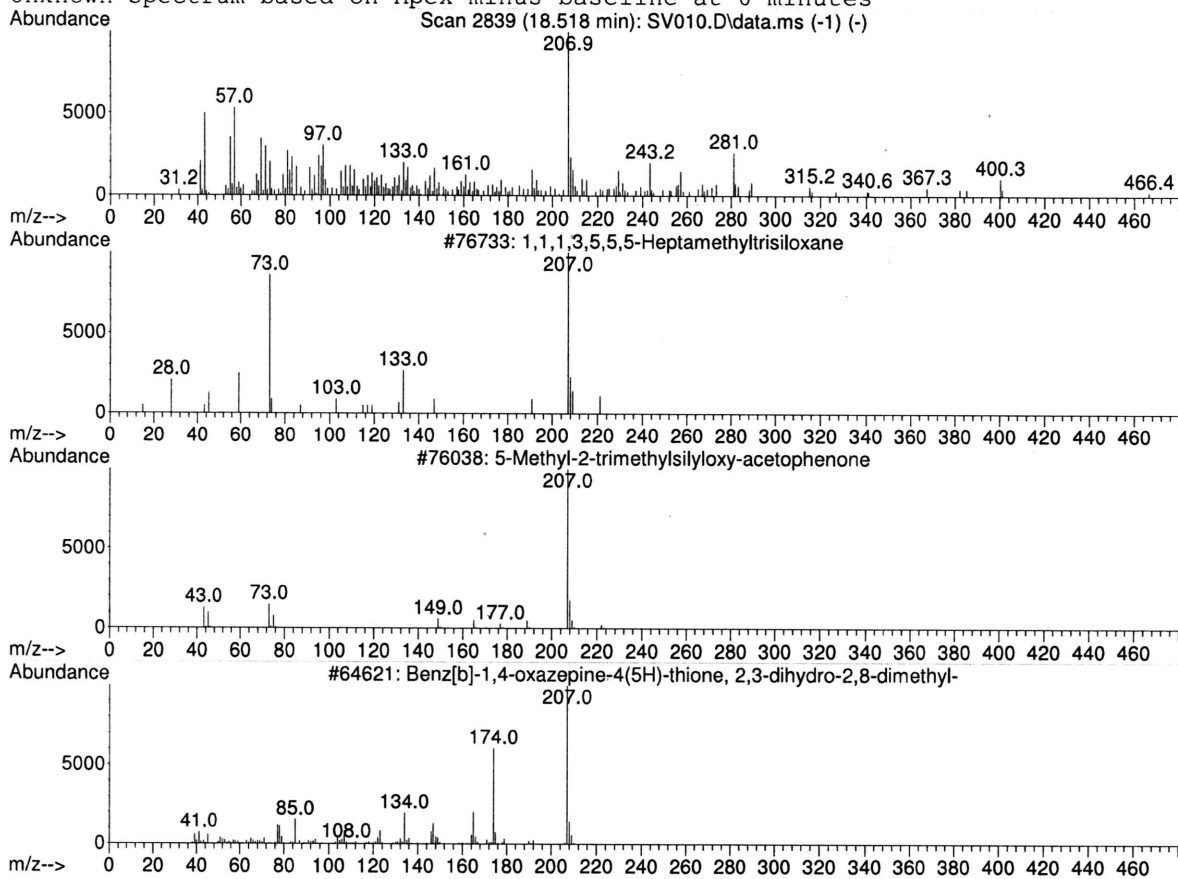
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	108946	35
2	64840	35
3	76685	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\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

Peak Number: 64 at 18.518 min Area: 1465995 Area % 0.55

The 3 best hits from each library.

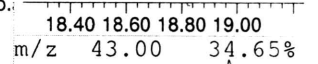
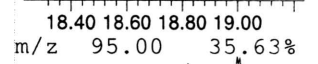
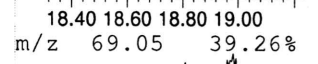
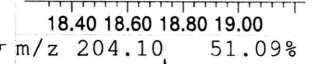
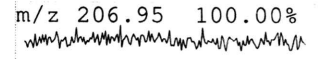
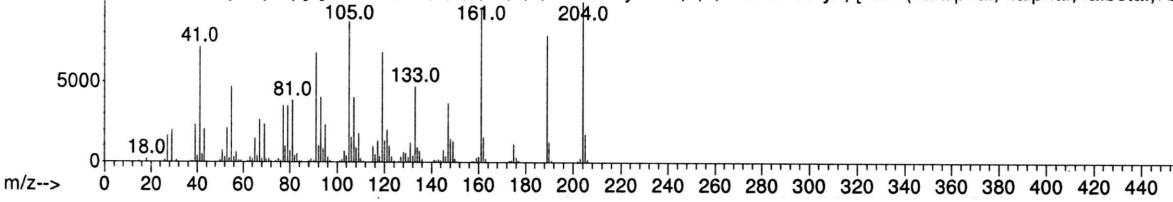
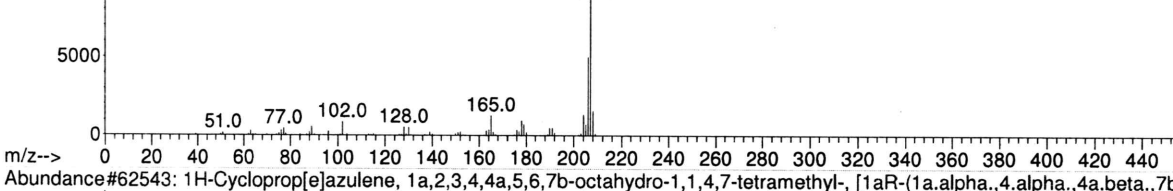
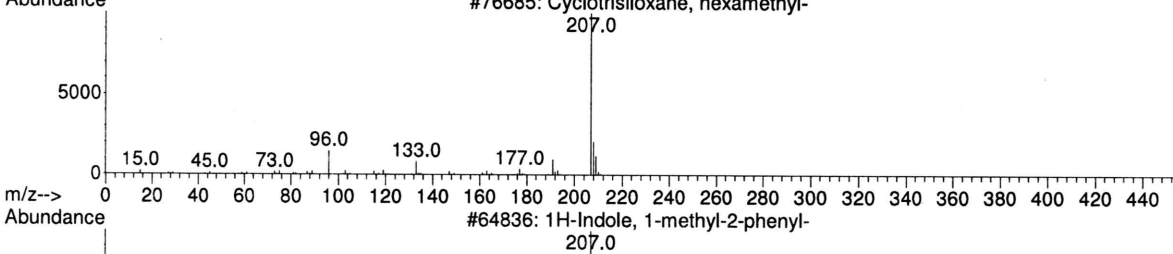
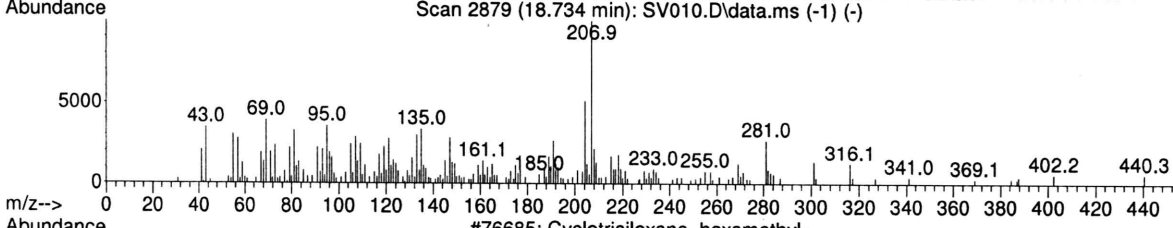
Ref\# CAS\# Qual

C:\Database\NIST08.L

- | Rank | Library Name                        | Ref\# | CAS\#        | Qual |
|------|-------------------------------------|-------|--------------|------|
| 1    | 1,1,1,3,5,5,5-Heptamethyltrisilo... | 76733 | 001873-88-7  | 47   |
| 2    | 5-Methyl-2-trimethylsilyloxy-ace... | 76038 | 097389-69-0  | 38   |
| 3    | Benz[b]-1,4-oxazepine-4(5H)-thio... | 64621 | 1000258-63-4 | 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\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

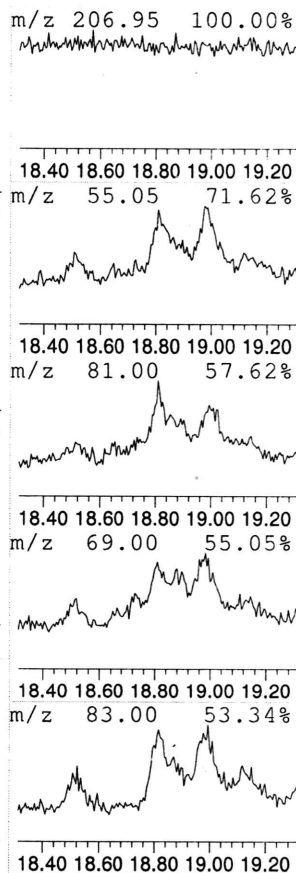
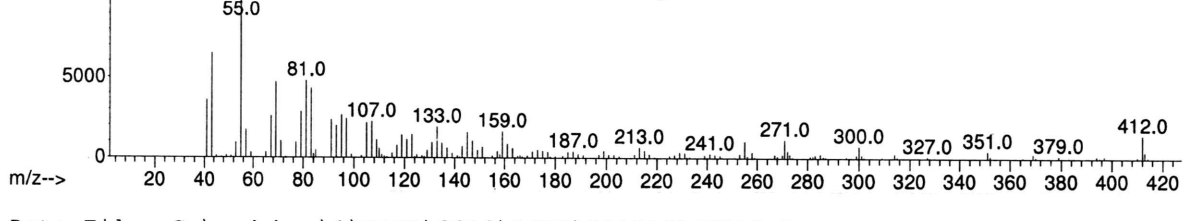
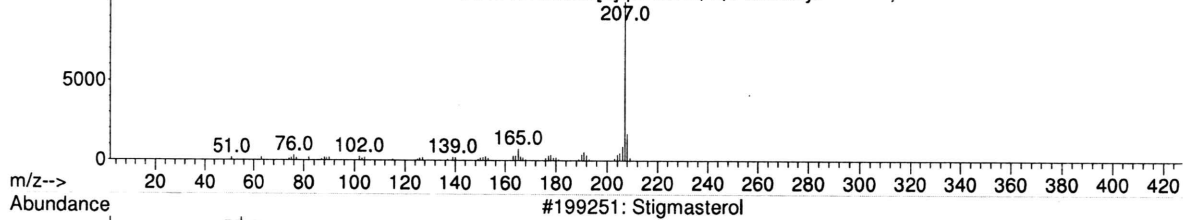
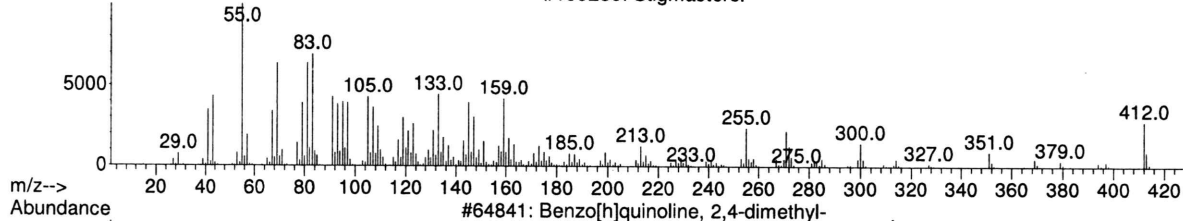
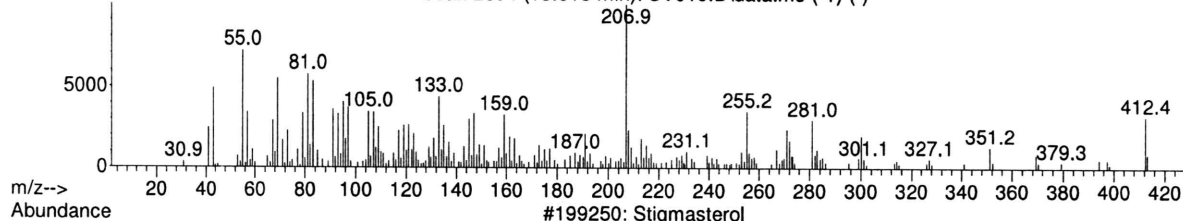
Peak Number: 65 at 18.734 min Area: 1293658 Area % 0.48

The 3 best hits from each library.

Ref\#	CAS\#	Qual
-----		
C:\Database\NIST08.L		
1	76685 000541-05-9	46
2	64836 003558-24-5	43
3	62543 000489-40-7	42

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
 Scan 2894 (18.815 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

Peak Number: 66 at 18.815 min Area: 3790989 Area % 1.42

The 3 best hits from each library.

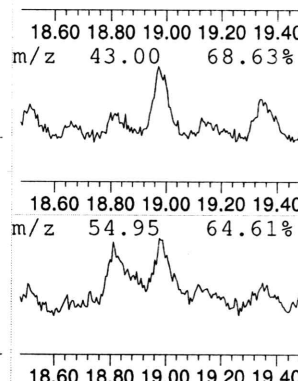
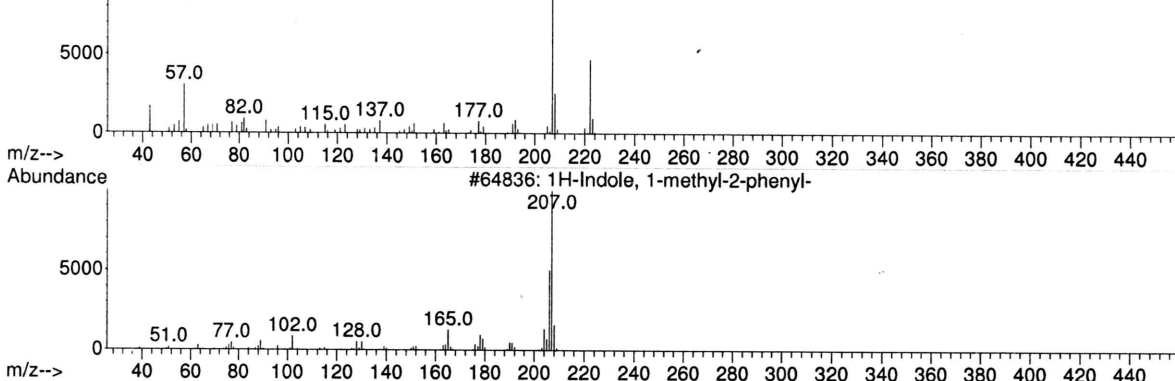
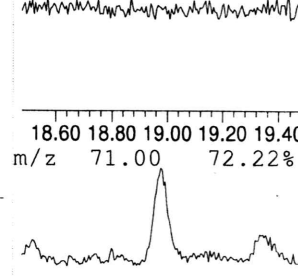
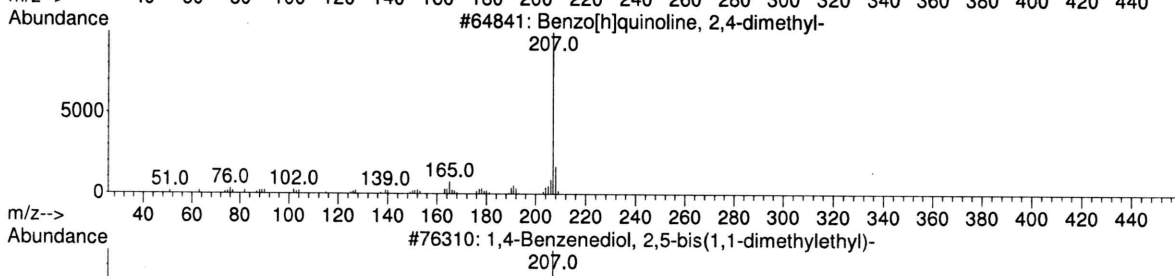
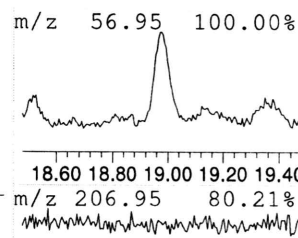
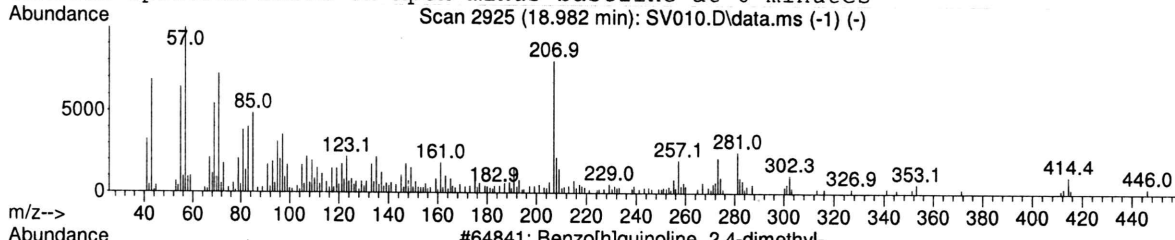
Ref\# CAS\# Qual

C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	199250	000083-48-7 96
2	64841	000605-67-4 38
3	199251	000083-48-7 38

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 2925 (18.982 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

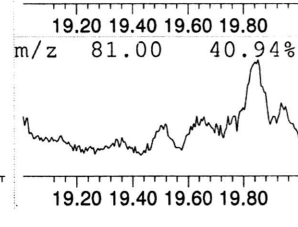
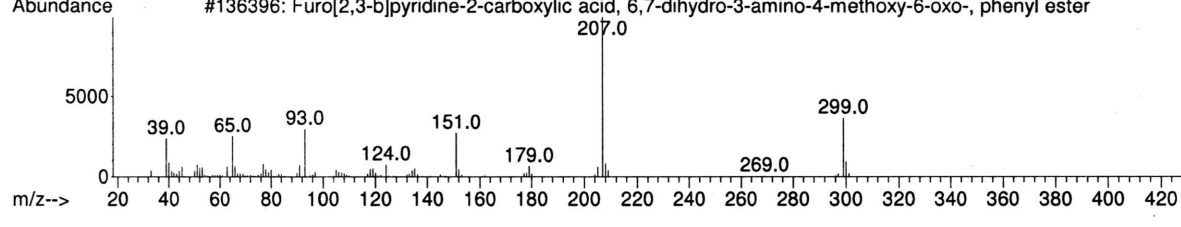
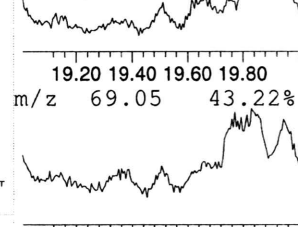
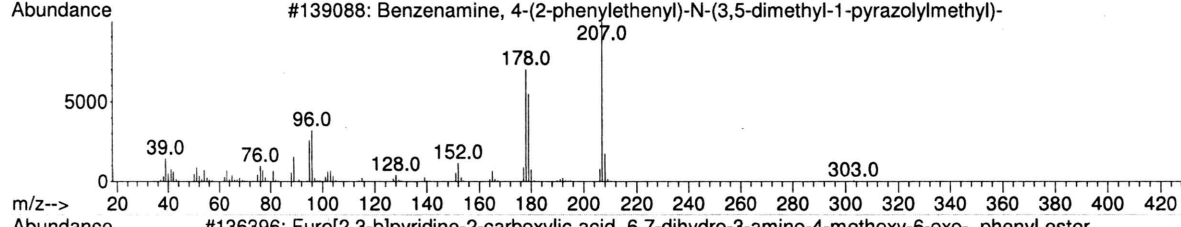
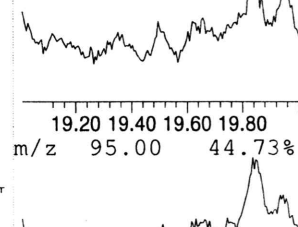
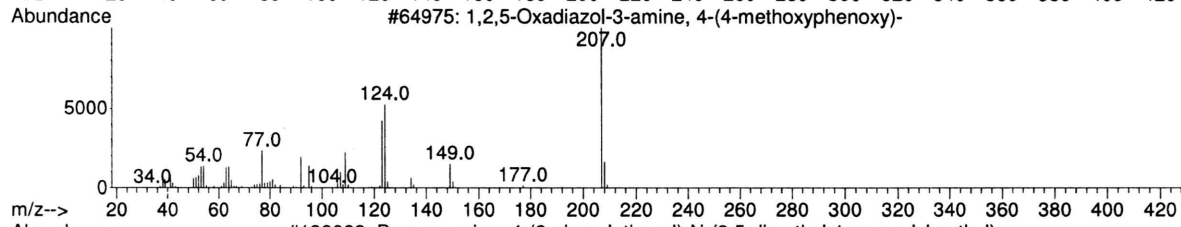
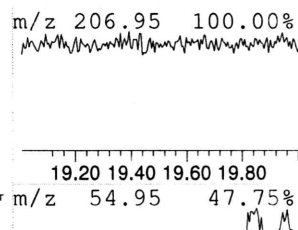
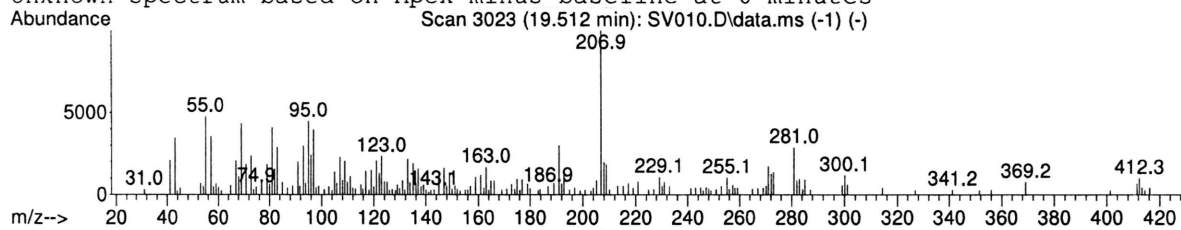
Peak Number: 67 at 18.982 min Area: 3187559 Area % 1.19

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	38
2 1,4-Benzenediol, 2,5-bis(1,1-dim...	76310	000088-58-4	27
3 1H-Indole, 1-methyl-2-phenyl-	64836	003558-24-5	25

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

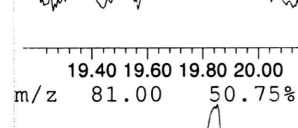
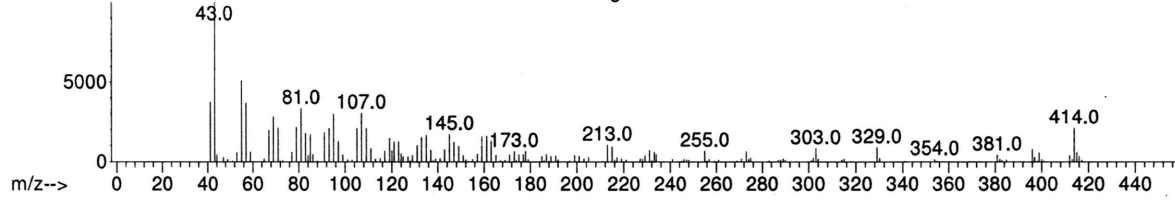
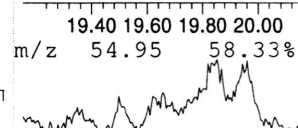
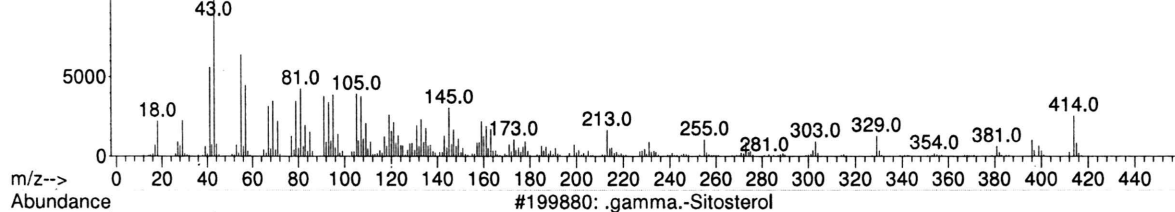
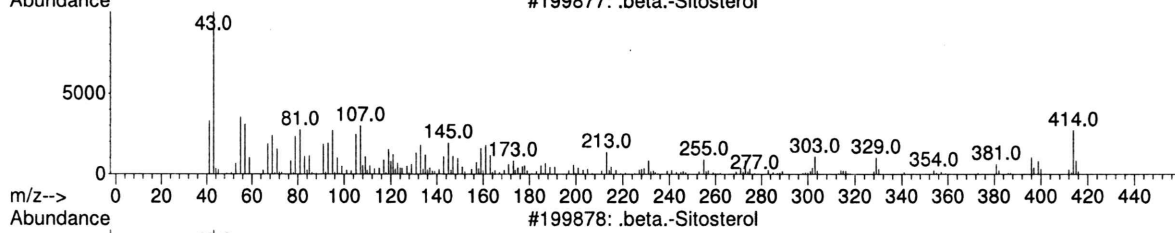
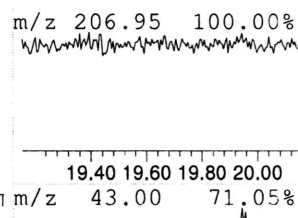
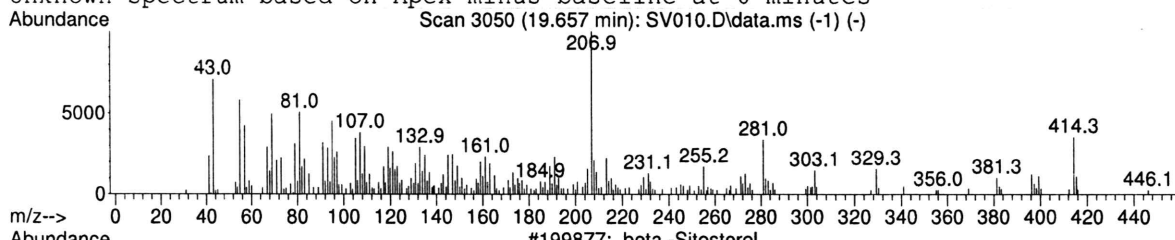
Peak Number: 68 at 19.512 min Area: 1042773 Area % 0.39

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 Benzenamine, 4-(2-phenylethenyl)...	139088	1000260-49-5	38
3 Furo[2,3-b]pyridine-2-carboxylic...	136396	350795-29-8	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\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

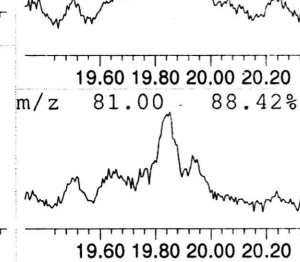
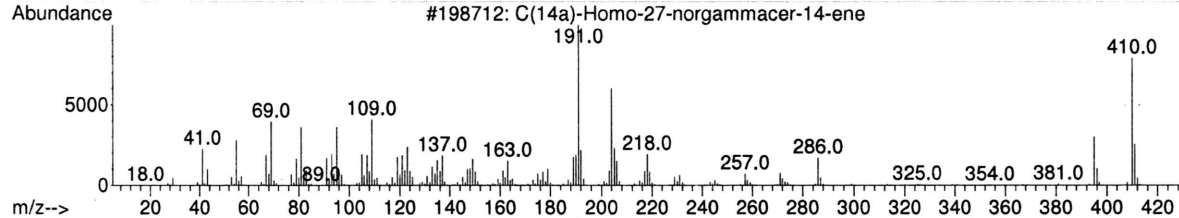
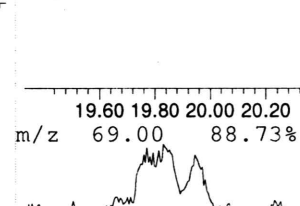
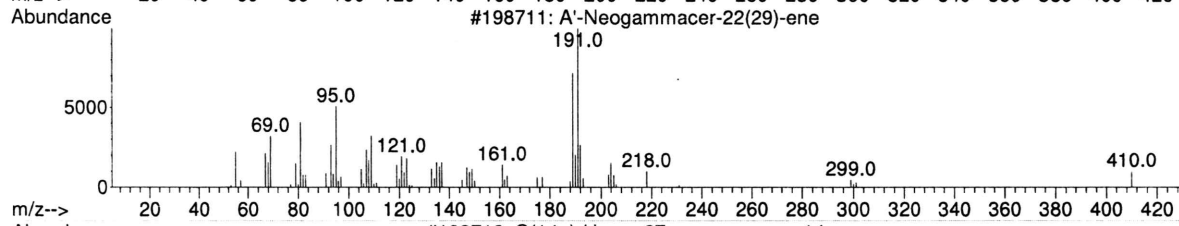
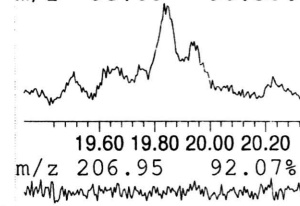
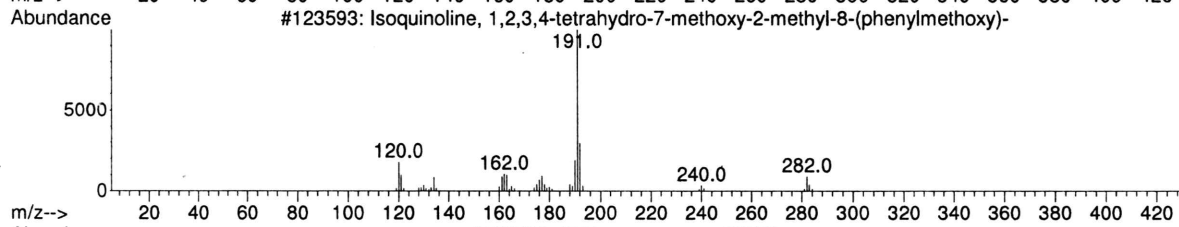
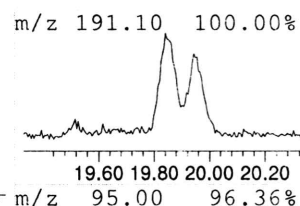
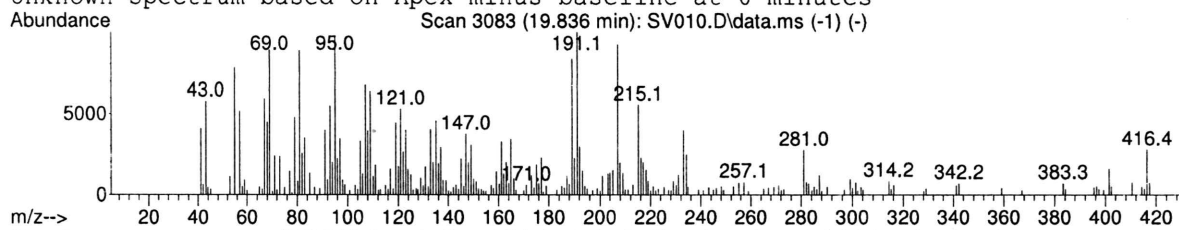
Peak Number: 69 at 19.657 min Area: 3657645 Area % 1.37

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

Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 .beta.-Sitosterol	199877	000083-46-5	96
2 .beta.-Sitosterol	199878	000083-46-5	95
3 .gamma.-Sitosterol	199880	000083-47-6	89

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

Peak Number: 70 at 19.836 min Area: 6984597 Area % 2.61

The 3 best hits from each library.

Ref\# CAS\# Qual

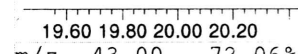
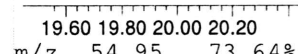
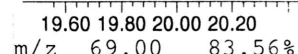
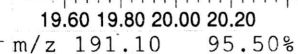
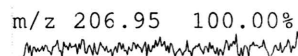
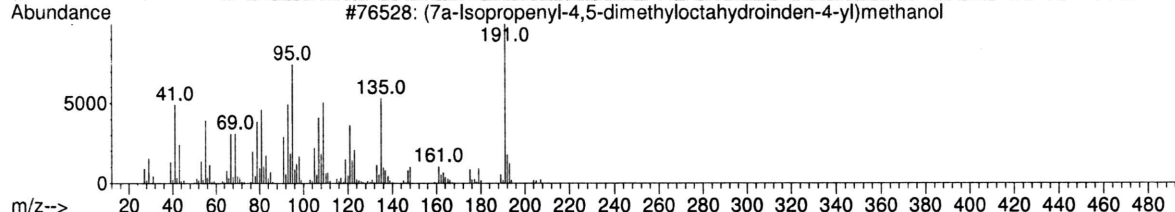
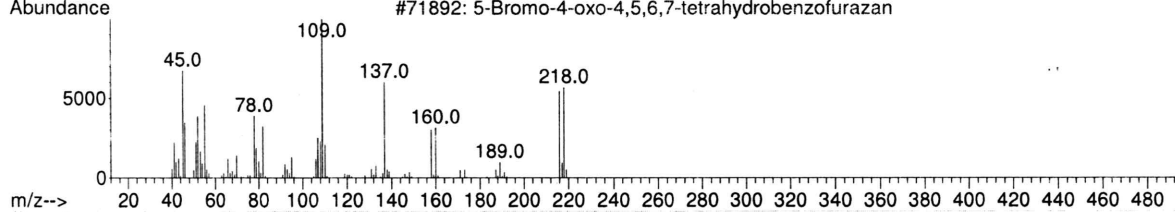
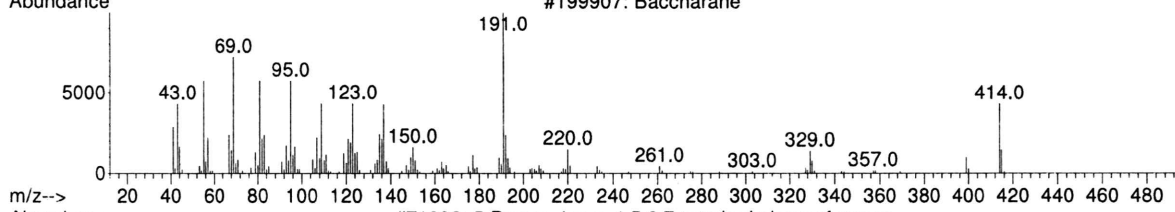
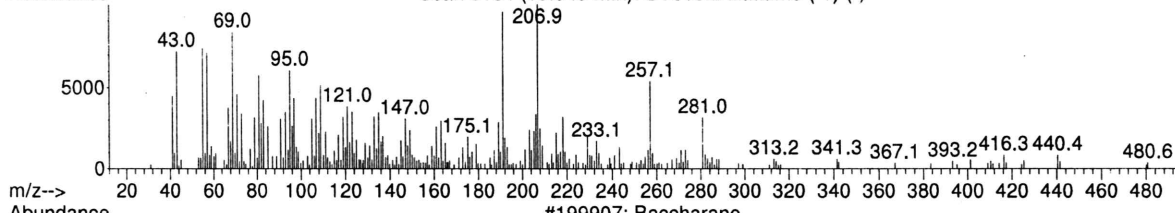
C:\Database\NIST08.L

Rank	Library Name	Ref\#	CAS\#	Qual
1	Isoquinoline, 1,2,3,4-tetrahydro...	123593	036646-87-4	44
2	A'-Neogammacer-22(29)-ene	198711	001615-91-4	43
3	C(14a)-Homo-27-norgammacer-14-ene	198712	018046-86-1	40



Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
 Scan 3104 (19.949 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
 Sample : 832506-1 EXT-2018-14p19

Peak Number: 71 at 19.949 min Area: 4717330 Area % 1.76

The 3 best hits from each library.

Ref\# CAS\# Qual

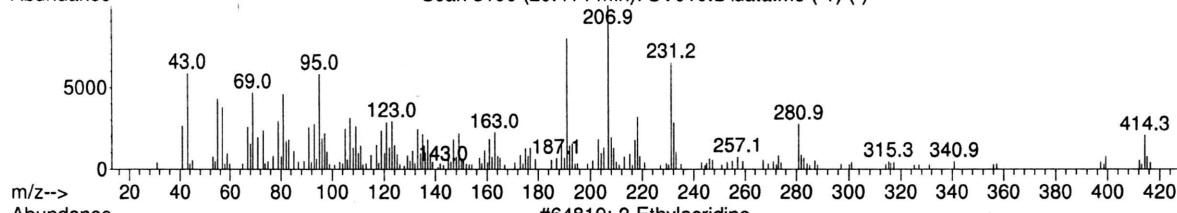
C:\Database\NIST08.L

Ref\#	CAS\#	Qual
1	199907 036441-74-4	59
2	71892 300574-36-1	53
3	76528 1000187-02-9	38

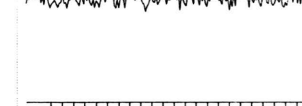
Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes

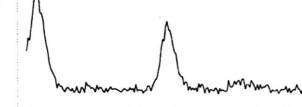
Scan 3190 (20.414 min): SV010.D\data.ms (-1) (-)



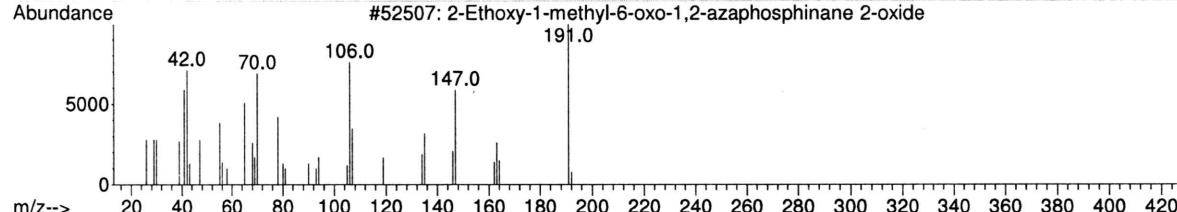
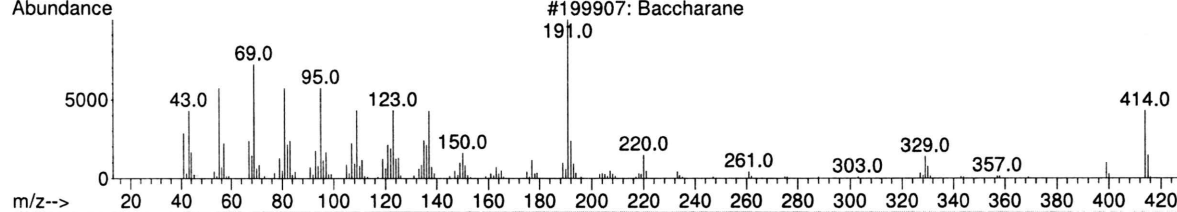
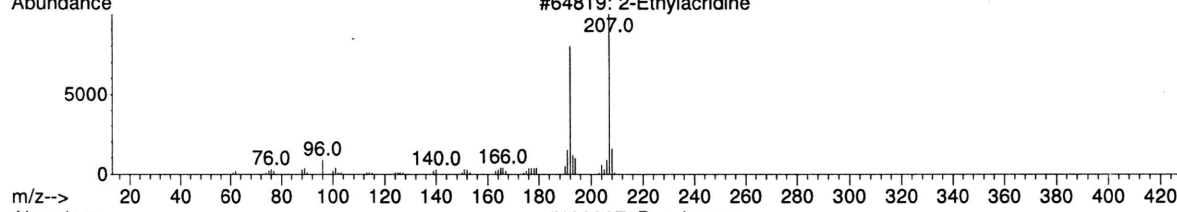
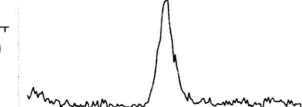
m/z 206.95 100.00%



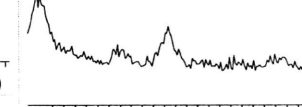
m/z 191.10 79.66%



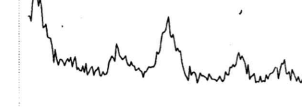
m/z 231.20 65.12%



m/z 43.00 58.83%



m/z 95.00 58.17%



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D

Sample : 832506-1 EXT-2018-14p19

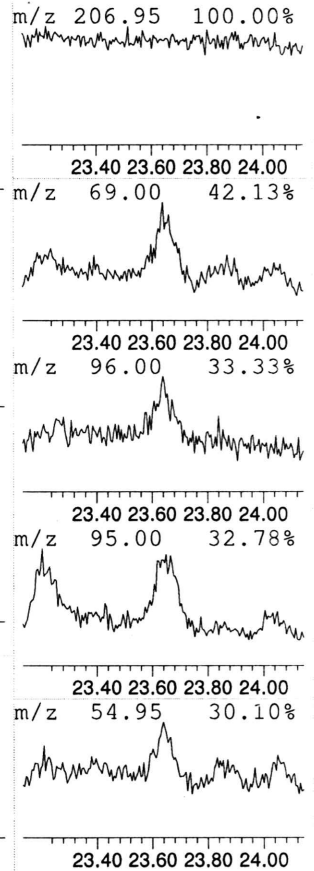
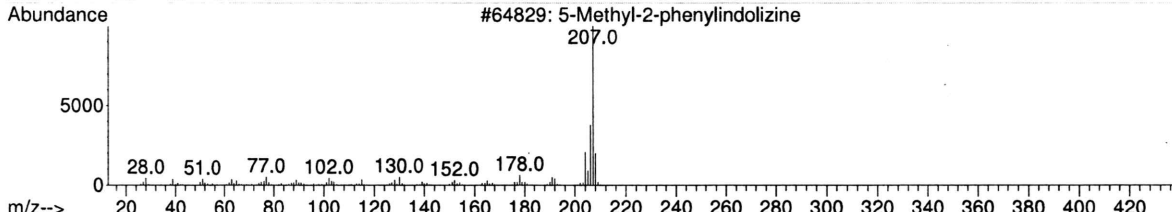
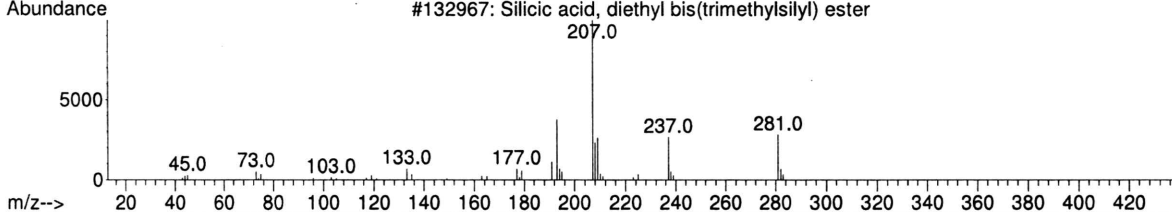
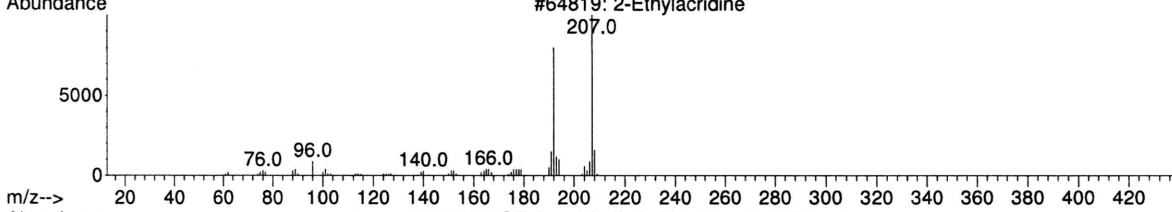
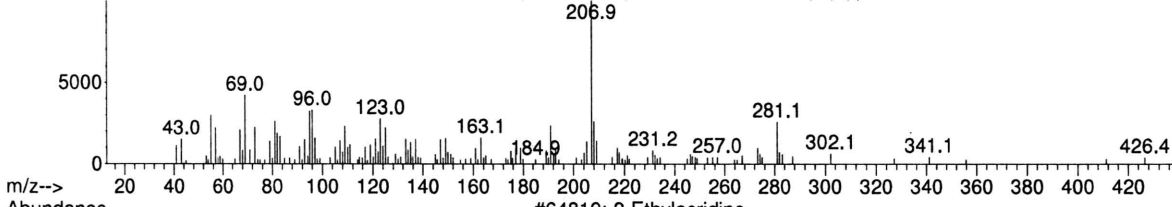
Peak Number: 72 at 20.414 min Area: 1609623 Area % 0.60

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

Library	Ref\#	CAS\#	Qual
C:\Database\NIST08.L			
1 2-Ethylacridine	64819	055751-83-2	35
2 Baccharane	199907	036441-74-4	25
3 2-Ethoxy-1-methyl-6-oxo-1,2-azap...	52507	093989-00-5	25

Library Search Report - ChemStation Integrator

Unknown Spectrum based on Apex minus baseline at 0 minutes  
Scan 3787 (23.639 min): SV010.D\data.ms (-1) (-)



Data File: C:\msdchem\1\DATA\2018\AG18\22AG18\SV010.D  
Sample : 832506-1 EXT-2018-14p19

Peak Number: 73 at 23.639 min Area: 1436597 Area % 0.54

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

C:\Database\NIST08.L			
Ref\#	CAS\#	Qual	
1	64819	055751-83-2	38
2	132967	003555-45-1	37
3	64829	036944-99-7	35

# **CROMATOGRAMAS**

**PLAGUICIDAS**

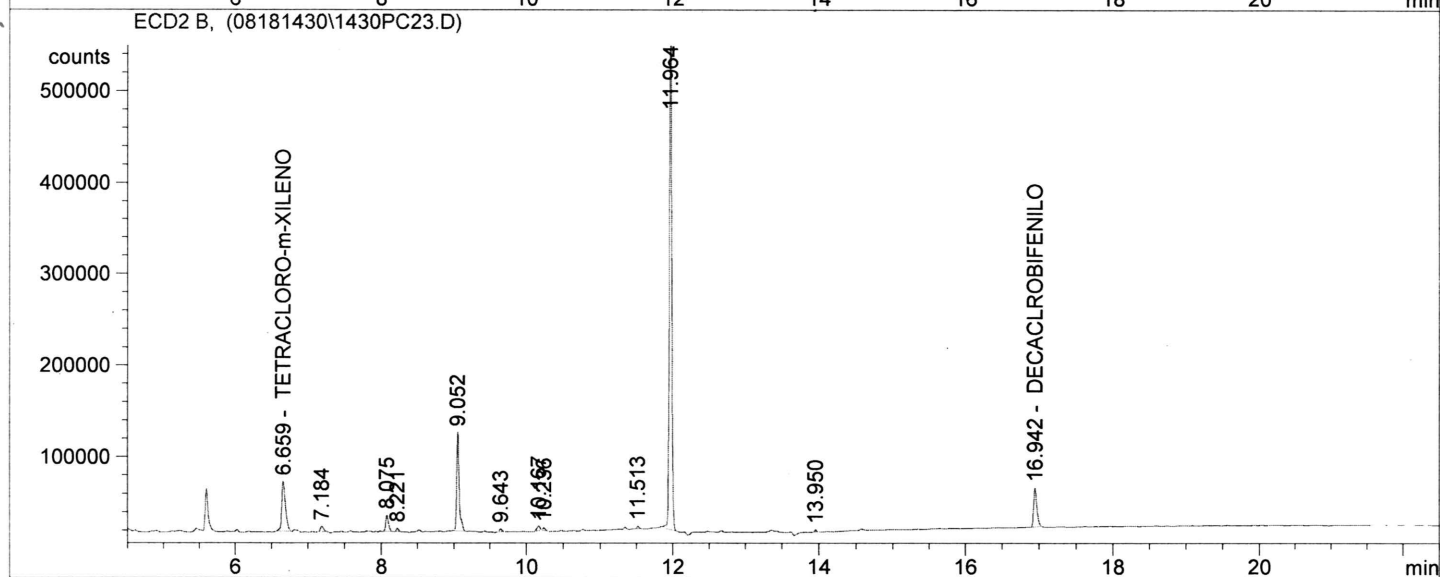
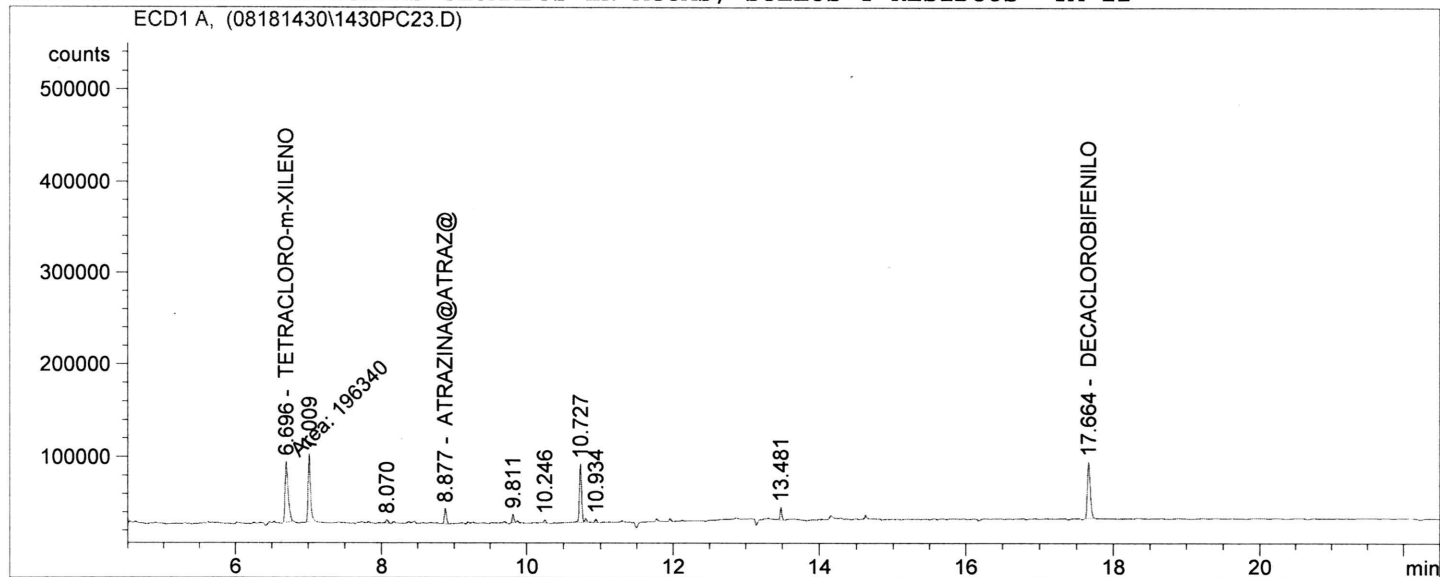
**CLORADOS**

```

=====
Injection Date   : 25-08-18 06:15:29 .           Seq. Line : 22
Sample Name     : 832506-1                       Location  : Vial 22
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 18:29:47 . 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      : 0.9920
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@
6.696	MM	1.96340e5	4.93081e-8	9.60371e-3		TETRACLORO-m-XILENO
8.020		-	-	-		HEXAChLOROChENCENO@HEXACChLB@
8.315		-	-	-	1	ALFA-BHC@ABHC@
8.877	BBA	3.41856e4	6.30149e-6	2.13697e-1		ATRAZINA@ATRAZ@
9.020		-	-	-		TERBUTILAZINA@TERBUT@
9.240		-	-	-		gama-BHC@LINDANO@
9.395		-	-	-		SIMAZINA@SIMAC@
9.905		-	-	-	1	beta-BHC@BBHC@
10.058		-	-	-		HEPTACChLORO@HEPTACChL@
10.317		-	-	-		ALACChLOR@ALACChLO@
10.522		-	-	-	1	delta-BHC@DBHC@
10.690		-	-	-		ChLOROTALONIL@ChLOROTAL@
10.758		-	-	-		ALDRIN@ALDRIN@
11.095		-	-	-		METALACChLOR@METOLAC@
11.880		-	-	-		PENDIMETALINA@PENDIM@
12.032		-	-	-		HEPTACChLRO EPOXIDO@HEPTAEP@
12.229		-	-	-		CIANAZINA@CIANAZ@
12.523		-	-	-		gama-ChLORADANO@ChLORDA@
12.708		-	-	-		alfa-ChLORDANO@ACChLORD@
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		-	-	-		METOXICChLORO@METOXI@
15.571		-	-	-		ENDRIN ChETONA@ENDChET@
15.773		-	-	-		MIREX@MIREX@
16.310		-	-	-		TOXAFENO@TOXAF@
17.664	PBA	1.68771e5	5.63836e-8	9.43979e-3		DECAChLOROChBIFENILO
18.599		-	-	-		SUMA DE BHC@BHC@
18.700		-	-	-		ChLORDANO@ChLORD@
20.241		-	-	-		DELTAChMETRINA@DLMT@

Totals : 2.32740e-1

Results obtained with enhanced integrator!

Signal 2: ECD2 B,

RetTime [min]	Type	Area counts*s	Amt/Area	Amount [mg/kg]	Grp	Name
6.659	BBA	1.88464e5	6.35538e-8	1.18818e-2		TETRAChLORO-m-XILENO
6.785		-	-	-		TRIFChLURALIN
7.648		-	-	-	2	ALFA-BHC
7.770		-	-	-		HEXAChLOROChENCENO
8.200		-	-	-		TERBUTILAZINA
8.290		-	-	-		SIMAZINA
8.423		-	-	-		GAMA-BHC
8.525		-	-	-		ATRAZINA
9.206		-	-	-	2	beta-BHC
9.740		-	-	-	2	delta-BHC
9.754		-	-	-		HEPTACChLORO
9.852		-	-	-		ChLOROTALONIL
10.299		-	-	-		ALACChLOR
10.315		-	-	-		METALACChLOR
10.450		-	-	-		ALDRIN

RetTime [min]	Type	Area counts*s	Amt/Area	Amount [mg/kg]	Grp	Name
10.712		-	-	-		CIANAZINA
11.352		-	-	-		PENDIMETALINA
11.460		-	-	-		HEPTACLORO EPOXIDO
12.169		-	-	-		gama-CLORDANO
12.245		-	-	-		alfa-CLORDANO
12.284		-	-	-		ENDOSULFAN 1
12.669		-	-	-		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	1.27014e5	7.26285e-8	9.15104e-3		DECACLOBIFENILO
18.000		-	-	-		CLORDANO
18.202		-	-	-		SUMA DE BHC
18.435		-	-	-		DELTAMETRINA

Totals : 2.10328e-2

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

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\*\*\* End of Report \*\*\*



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

Razón Social:	COMISION NACIONAL DEL AGUA	OM:	
Sitio/Dirección del Muestreo:	Mano ti 8	Fecha:	18/08/18
		Hoja:	8 de 14

Identificación del sondeo:	Canal El Comejen	Hora:	13:20
Condiciones climatológicas:	Soleado		

<b>DESCRIPCIÓN DEL SITIO DE MUESTREO</b>				
Nombre del cuerpo de agua:		Canal El Comejen	Población:	Macuspana
Lótico:	X	Léntico:	-----	
Presenta vida acuática:	peces, manatíes, lagartos			
Coordenadas de muestreo:				
Latitud:	17 ° 58 ' 46.8 "N	Longitud:	92 ° 19 ' 34.1 "W	Coordenas geográficas
Latitud:	----- °N	Longitud:	----- °W	Coordenadas decimales
Descripción del sitio de muestreo:	zona de Abundante Vegetación, sitio de mntreo donde se arremanza el agua			

<b>DESCRIPCIÓN DEL MUESTREO</b>					
Profundidad del cuerpo de agua:		1,80 m.	Profundidad de muestreo:		30-40 cm
Equipamiento de muestreo utilizado:					
Cuchara	X	Draga Eckman	-----	Nucleador	X
Hand Auger	-----	Otro:	CUBETA PARA HOMOGENEIZAR		
Tipo de Muestra:					
Simple	<input checked="" type="checkbox"/>	Compuesta	X	Color Aparente:	GRIS OSCURO
Textura Aparente:	LIMOSO-ARCHILLOSO			Olor:	SIN OLOR
Presenta materia orgánica:	SI PRESENTA RAICES Y LIMO			Clasificación del Sedimento**:	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.

<b>ASEGURAMIENTO Y CONTROL DE CALIDAD</b>			
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 checked="" type="checkbox"/>	A la muestra se le retiraron los gruesos (grava, piedras, etc.).	<input checked="" type="checkbox"/>
Alcohol	<input checked="" 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 / MUESTREO REALIZADO POR TRIPPLICADO, SE EXTRAE MEDIANTE UN MUESTREADOR DE SEDIMENTOS  
Cambios al Plan de Muestreo: TIPO NUCLEADOR Y UN LINER DE PLÁSTICO, PARA LA HOMOGENEIZACION SE USA UNA CUCHARA DE PLÁSTICO

<b>RESPONSABLE DE LA TOMA DE MUESTRA</b>  URIAS GÓMEZ CAMPERO NOMBRE Y FIRMA	<b>SUPERVISÓ</b>  JOSE MARTIN PALACIOS HERNANDEZ NOMBRE Y FIRMA
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ESTACION DE MONITOREO (E.M.)



Espesor del Agua (m) = 0m

NO SE DEBE DEJAR EN CONTACTO CON EL FONDO CENTRAL  
VISTO EN PLAN EN ANEXO

SE REGISTRA EN EL ANEXO:

REGISTRO DE PROFUNDIDADES, ANÁLISIS DE AGUA, TEMPERATURA, HUMEDAD, CONDUCTIVIDAD Y MUESTRA INTEGRADA

Profundidad (m)	Ancho del Trazo	Profundidad / Tirante (m)			Temperatura (°C)			Humedad (%)			Conductividad Eléctrica (µS/cm)
		A	B	C	Superficial	Profunda	Integrada	Superficial	Profunda	Integrada	
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											

SE DEBE DEJAR EN CONTACTO CON EL FONDO CENTRAL

Conductividad (Superficial) <math>\le 60 \mu S/cm</math> entre el mínimo y máximo. Es Homogéneo. Tomar 1 muestra simple al centro de la muestra, excepto para Microbiológicos y Toxicidad.

MÍNIMO MÁXIMO

El Máximo de las mediciones de conductividad debe ser usado para Microbiológicos y Toxicidad y los puntos.

