

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
 Data File : BM007741.D
 Acq On : 28 Oct 2016 14:04
 Operator : UM/SJ
 Sample : H5441-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PRERV-SS009-0003-01

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.640	6	9	22	rVB3	62521	147262	5.54%	0.438%
2	2.887	47	51	58	rVB	63635	72628	2.73%	0.216%
3	2.993	66	69	75	rVB	43556	55997	2.10%	0.167%
4	3.081	80	84	94	rVB2	41506	69802	2.62%	0.208%
5	3.287	115	119	126	rBV	25187	36692	1.38%	0.109%
6	4.216	272	277	283	rBV	56762	86008	3.23%	0.256%
7	4.616	339	345	352	rBV3	35932	56390	2.12%	0.168%
8	4.910	390	395	401	rBV	46178	74284	2.79%	0.221%
9	5.763	534	540	548	rVB	83292	133410	5.01%	0.397%
10	6.922	730	737	751	rVB	412356	771146	28.99%	2.295%
11	7.087	760	765	774	rBV	334234	528427	19.86%	1.573%
12	7.287	792	799	810	rBV	450624	735536	27.65%	2.189%
13	7.751	868	878	888	rBV	669472	1119923	42.10%	3.333%
14	8.451	986	997	1012	rBV	455834	807586	30.36%	2.403%
15	8.904	1068	1074	1088	rBV	385568	664758	24.99%	1.978%
16	9.022	1088	1094	1099	rBV2	24169	43823	1.65%	0.130%
17	9.622	1189	1196	1206	rBV	310064	527333	19.82%	1.569%
18	10.157	1280	1287	1303	rBV	445525	850963	31.99%	2.532%
19	10.527	1343	1350	1358	rBV	865646	1472141	55.34%	4.381%
20	10.675	1366	1375	1393	rBV	299877	635644	23.89%	1.892%
21	13.274	1812	1817	1824	rVB7	19099	35128	1.32%	0.105%
22	13.792	1899	1905	1909	rBV	886836	1220212	45.87%	3.631%
23	13.839	1909	1913	1921	rVB	713329	1022720	38.44%	3.044%
24	14.074	1943	1953	1964	rBV	958457	1463742	55.02%	4.356%
25	14.292	1982	1990	1996	rBV4	39098	76831	2.89%	0.229%
26	14.380	1999	2005	2014	rVV	1254768	1862920	70.03%	5.544%
27	14.474	2015	2021	2025	rVB2	34572	53546	2.01%	0.159%
28	14.604	2037	2043	2054	rBV	168399	394817	14.84%	1.175%
29	15.180	2137	2141	2146	rBV	46012	58188	2.19%	0.173%
30	15.233	2146	2150	2155	rVB	40833	51143	1.92%	0.152%
31	15.380	2168	2175	2181	rBV	1245638	1882980	70.78%	5.604%
32	15.509	2192	2197	2205	rBV	238452	372307	14.00%	1.108%
33	15.621	2212	2216	2222	rBV3	23707	44707	1.68%	0.133%
34	16.092	2291	2296	2305	rBV2	67263	119416	4.49%	0.355%

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35	16.733	2402	2405	2411	rVB2	20565	28807	1.08%	0.086%
36	16.886	2427	2431	2435	rBV4	45313	63844	2.40%	0.190%
37	17.027	2451	2455	2461	rVB6	28879	42116	1.58%	0.125%
38	17.127	2467	2472	2477	rBV2	1431943	2066915	77.70%	6.151%
39	17.168	2477	2479	2483	rVV	60481	77386	2.91%	0.230%
40	17.227	2483	2489	2499	rVB	1342223	1944600	73.10%	5.787%
41	17.515	2534	2538	2542	rBV5	29080	49880	1.87%	0.148%
42	17.903	2599	2604	2609	rBV8	28314	49795	1.87%	0.148%
43	17.962	2609	2614	2619	rBV	189782	292451	10.99%	0.870%
44	18.021	2619	2624	2634	rVB3	225283	367182	13.80%	1.093%
45	18.315	2672	2674	2680	rVB7	25283	34847	1.31%	0.104%
46	19.156	2814	2817	2818	rBV3	44664	46332	1.74%	0.138%
47	19.186	2819	2822	2828	rVB	183490	287809	10.82%	0.857%
48	19.297	2838	2841	2845	rBV3	84787	132591	4.98%	0.395%
49	19.521	2874	2879	2891	rBV	1599682	2515244	94.55%	7.485%
50	21.227	3166	3169	3173	rBV2	129401	155681	5.85%	0.463%
51	21.315	3179	3184	3188	rBV	2088368	2660267	100.00%	7.917%
52	22.062	3308	3311	3316	rVB	371453	477085	17.93%	1.420%
53	23.427	3538	3543	3549	rVB2	1334677	2224085	83.60%	6.619%
54	23.568	3562	3567	3574	rVB	1400461	2536761	95.36%	7.549%

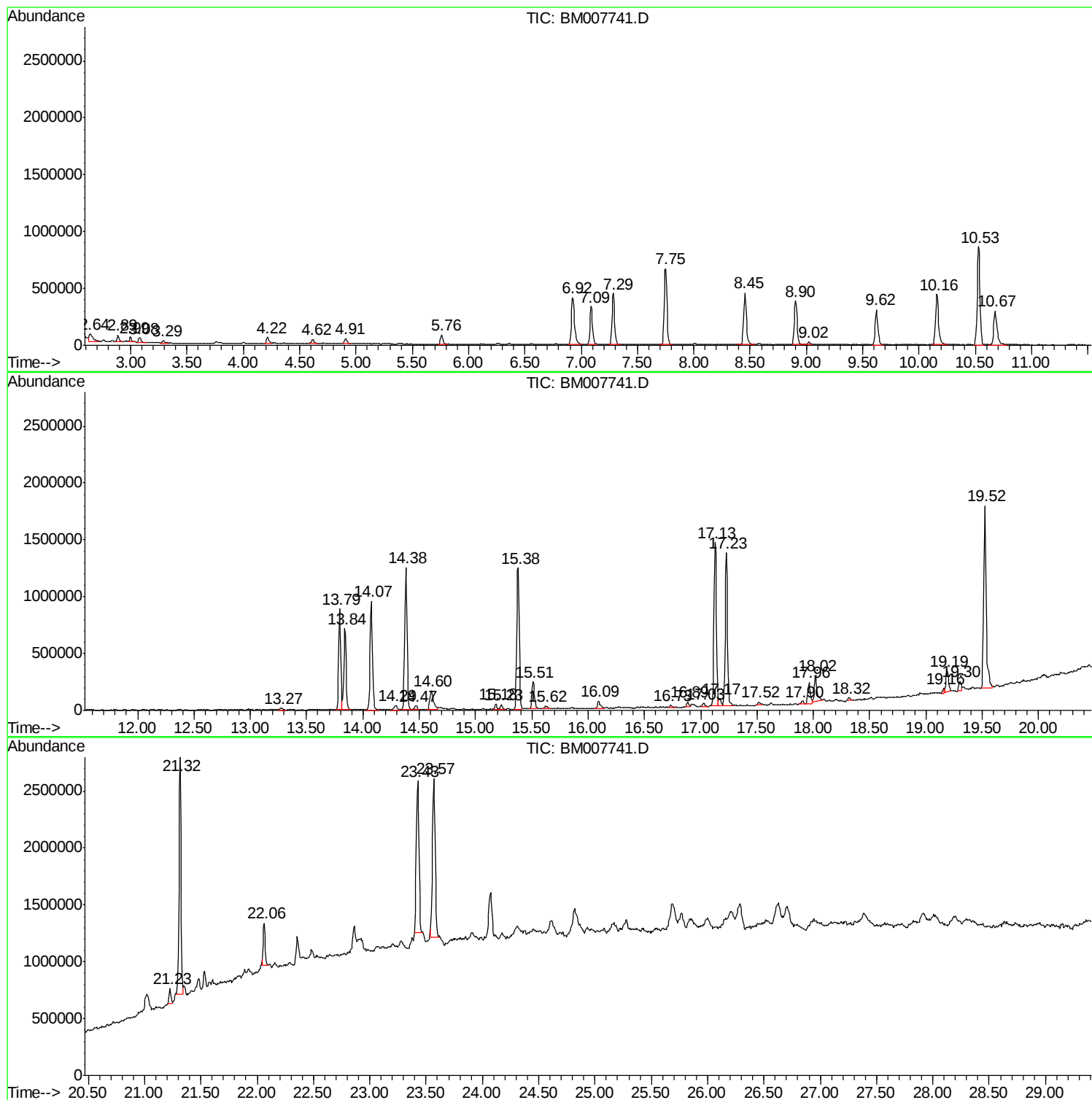
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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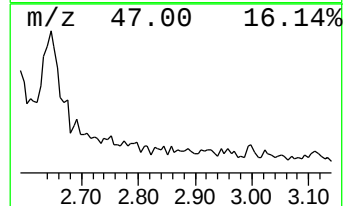
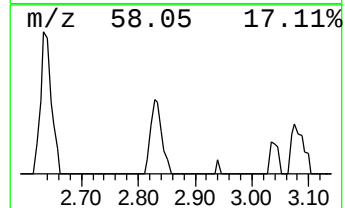
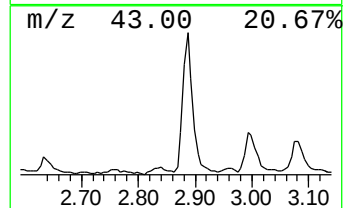
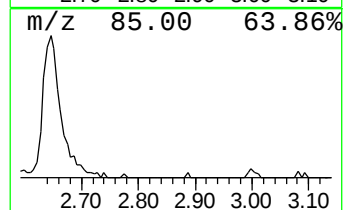
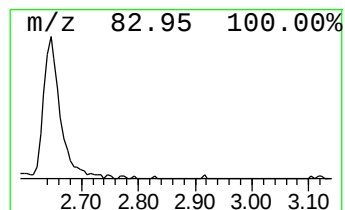
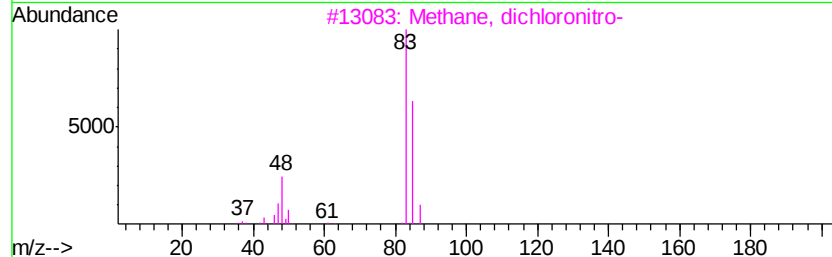
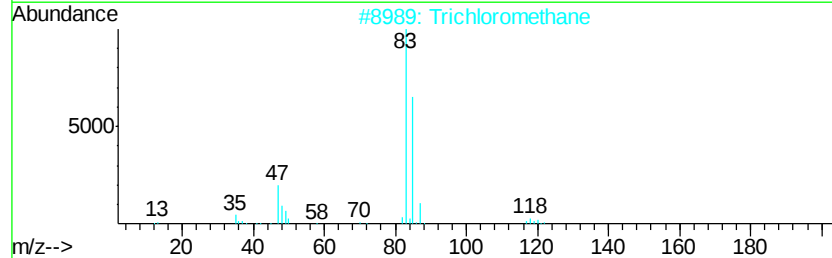
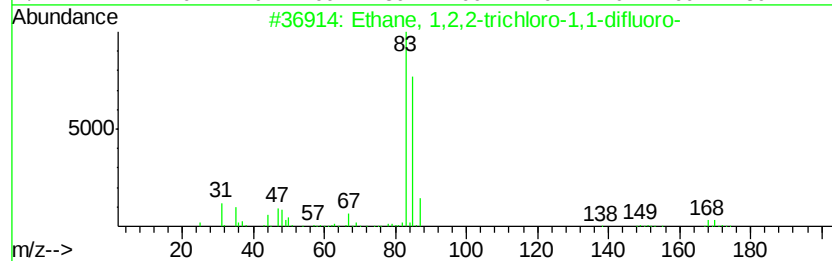
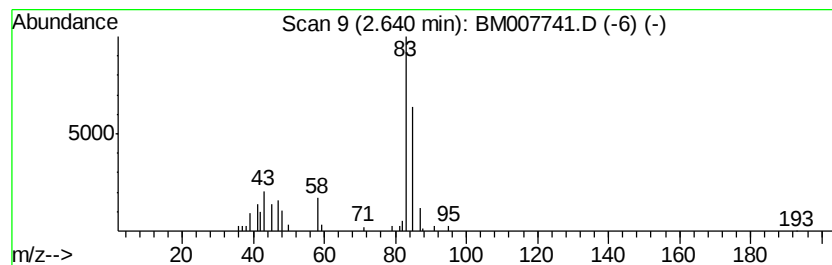
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethane, 1,2,2-trichloro-1,1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	2.63 ng/ul	147262	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,2,2-trichloro-1,1-difl...	168	C2HCl3F2	000354-21-2	59
2		Trichloromethane	118	CHCl3	000067-66-3	50
3		Methane, dichloronitro-	129	CHCl2NO2	007119-89-3	38
4		dl-Noformicin sulfate	197	C8H15N5O	1000131-37-1	9
5		Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1000309-30-7	9



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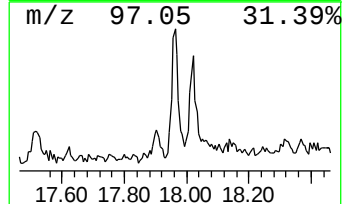
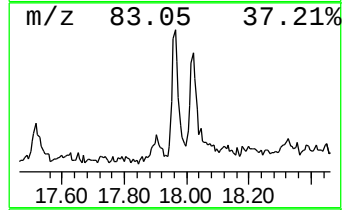
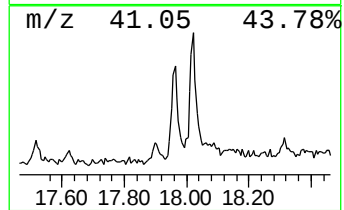
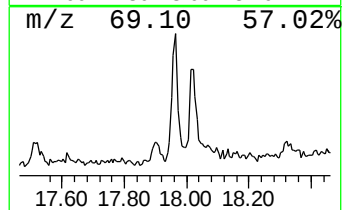
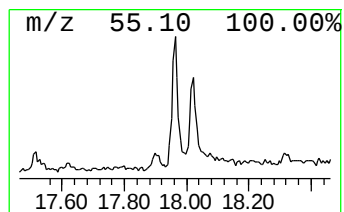
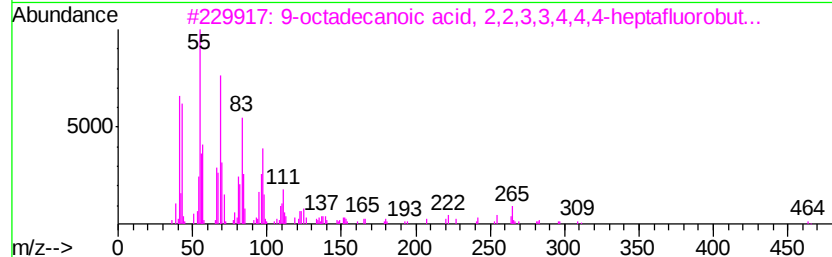
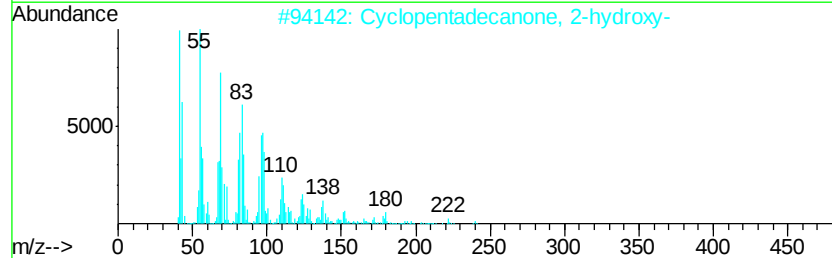
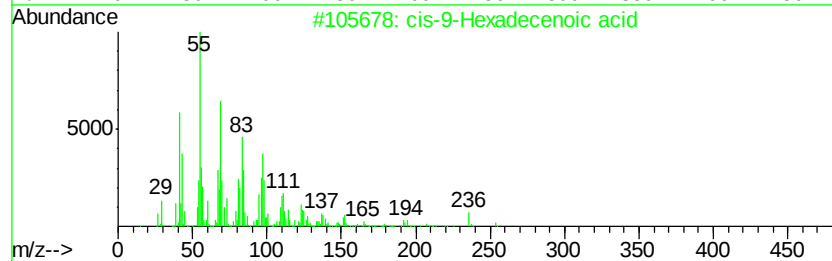
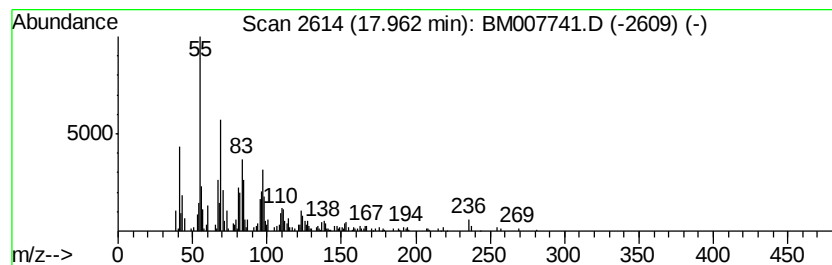
Instrument :
BNA_M
ClientSampleId :
PRERV-SS009-0003-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 cis-9-Hexadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.96	2.83 ng/ul	292451	Phenanthrene-d10		17.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	94
2			Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	64
3			9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	64
4			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	62
5			E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	62



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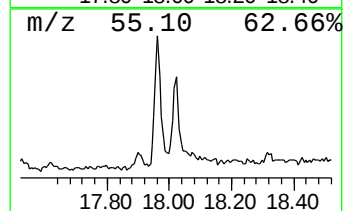
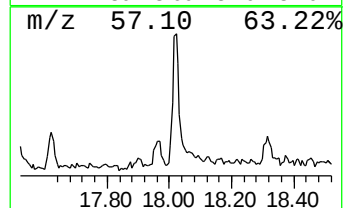
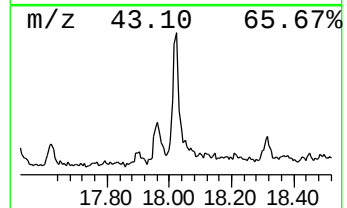
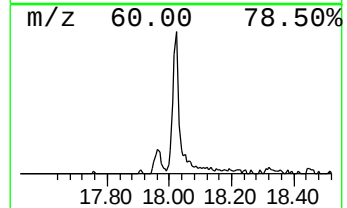
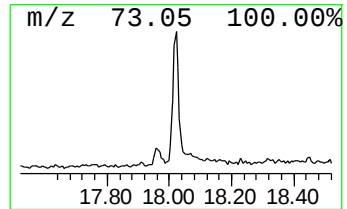
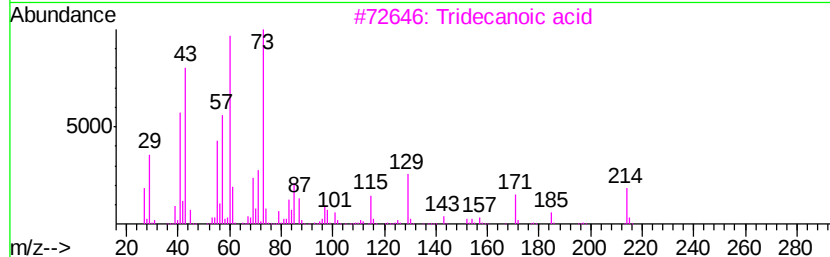
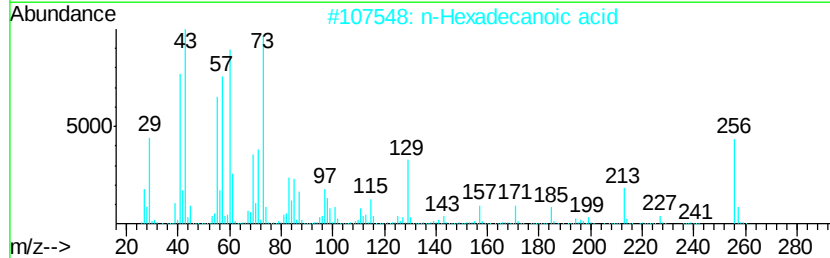
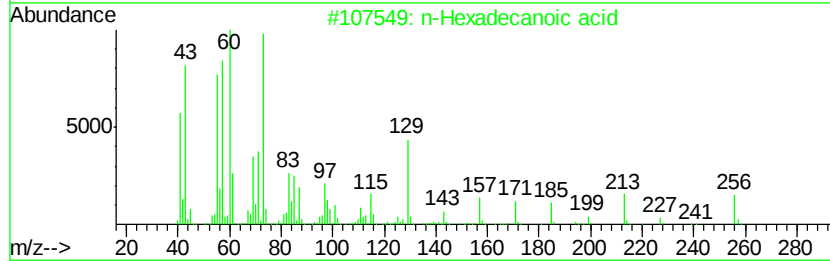
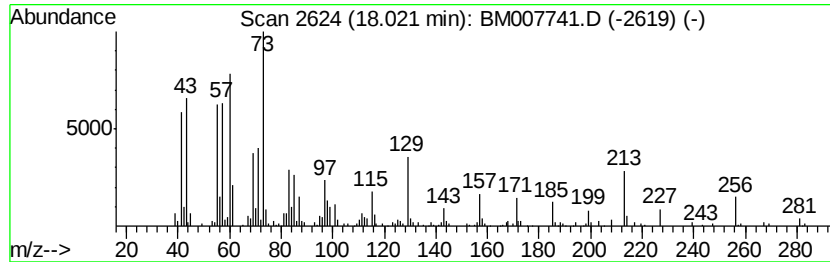
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.55 ng/ul	367182	Phenanthrene-d10	17.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90	



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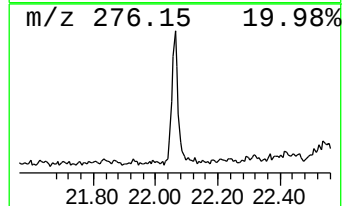
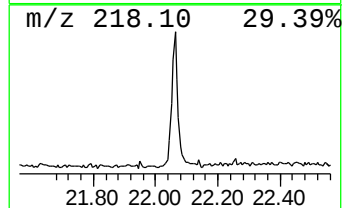
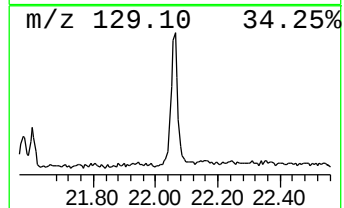
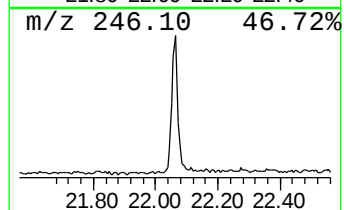
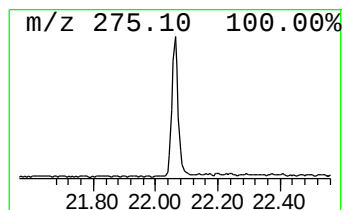
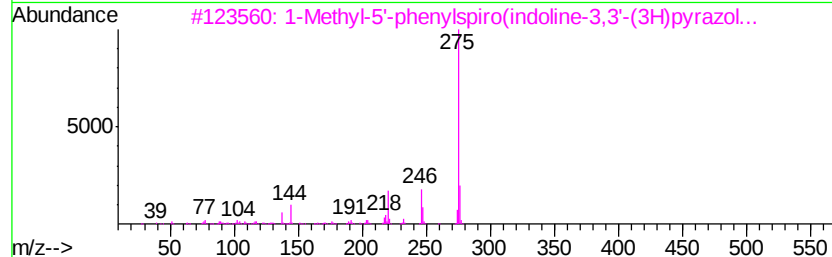
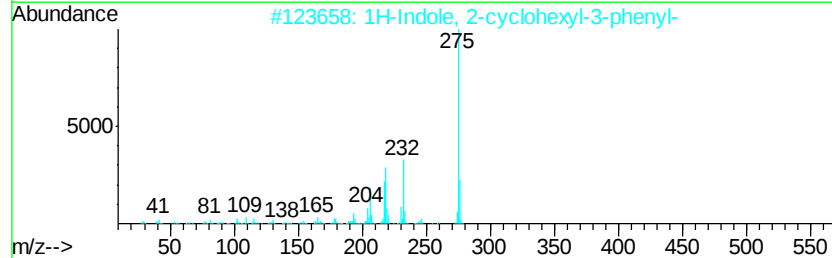
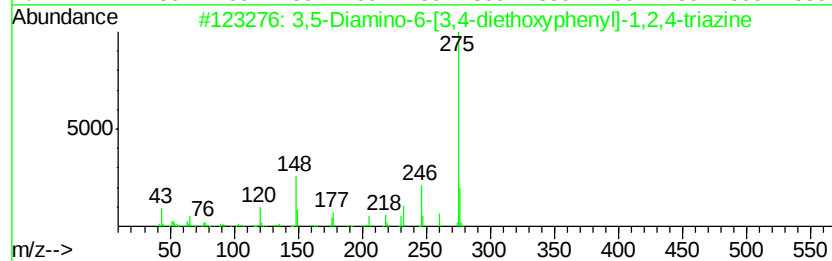
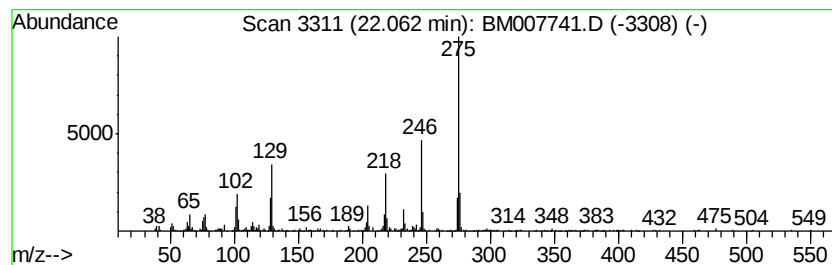
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Peak Number 5 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	3.59 ng/ul	477085	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Diamino-6-[3,4-diethoxypheny...	275	C13H17N5O2	058848-69-4	47
2		1H-Indole, 2-cyclohexyl-3-phenyl-	275	C20H21N	1000163-87-0	46
3		1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	46
4		8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	43
5		6-Methoxy-3-phenyl-9H-pyridazino...	275	C17H13N3O	003980-94-7	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,2,2-tri...	2.64	2.6	ng/ul	147262	1	7.75	1119920	20.0
cis-9-Hexadeceno...	17.96	2.8	ng/ul	292451	4	17.13	2066920	20.0
n-Hexadecanoic acid	18.02	3.5	ng/ul	367182	4	17.13	2066920	20.0
unknown-01	22.06	3.6	ng/ul	477085	5	21.32	2660270	20.0