

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
 Data File : BM007742.D
 Acq On : 28 Oct 2016 14:39
 Operator : UM/SJ
 Sample : H5441-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PRERV-SS009-0003-02

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	21	rVB4	70845	135334	4.65%	0.435%
2	2.887	47	51	58	rVB	52326	67846	2.33%	0.218%
3	2.993	66	69	76	rVB2	42966	51513	1.77%	0.166%
4	3.076	79	83	94	rVB2	41211	67433	2.32%	0.217%
5	3.287	115	119	126	rBV	23421	32650	1.12%	0.105%
6	4.217	273	277	284	rBV2	33692	51221	1.76%	0.165%
7	4.905	389	394	402	rBV	46485	72725	2.50%	0.234%
8	6.928	732	738	751	rVB	345791	651262	22.40%	2.092%
9	7.087	759	765	778	rBV	281353	462029	15.89%	1.484%
10	7.287	792	799	809	rBV	391201	635986	21.87%	2.043%
11	7.752	869	878	889	rBV	672975	1110299	38.18%	3.567%
12	8.458	991	998	1010	rBV	394177	678670	23.34%	2.181%
13	8.905	1067	1074	1086	rBV	335021	580636	19.97%	1.866%
14	9.622	1190	1196	1206	rBV	265616	458534	15.77%	1.473%
15	10.163	1281	1288	1304	rBV	388193	732115	25.18%	2.352%
16	10.528	1342	1350	1358	rBV	838688	1459228	50.18%	4.688%
17	10.675	1368	1375	1390	rBV	232650	506753	17.43%	1.628%
18	13.363	1827	1832	1837	rVB2	31658	46634	1.60%	0.150%
19	13.798	1899	1906	1910	rBV	741750	1102892	37.93%	3.544%
20	13.845	1910	1914	1921	rVB	524012	740497	25.47%	2.379%
21	14.075	1945	1953	1963	rBV	870206	1305960	44.91%	4.196%
22	14.287	1983	1989	1996	rVB5	34939	65297	2.25%	0.210%
23	14.387	1999	2006	2013	rVV	1244227	1893407	65.11%	6.083%
24	14.475	2016	2021	2027	rVB2	75266	105525	3.63%	0.339%
25	14.610	2037	2044	2055	rBV2	152918	357366	12.29%	1.148%
26	15.181	2137	2141	2146	rBV	38534	50073	1.72%	0.161%
27	15.234	2146	2150	2154	rVB	44300	55195	1.90%	0.177%
28	15.381	2169	2175	2183	rBV	1167455	1680278	57.79%	5.399%
29	15.516	2193	2198	2208	rBV	170144	275938	9.49%	0.887%
30	15.622	2210	2216	2219	rBV5	26073	45687	1.57%	0.147%
31	16.092	2292	2296	2305	rBV	55954	98398	3.38%	0.316%
32	16.439	2351	2355	2362	rBV6	42655	68081	2.34%	0.219%
33	16.657	2387	2392	2397	rBV7	25048	43363	1.49%	0.139%
34	16.886	2427	2431	2434	rBV2	45746	64189	2.21%	0.206%

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35	17.133	2463	2473	2479	rBV2	1497149	2258084	77.66%	7.255%
36	17.228	2484	2489	2499	rVB	1218575	1809985	62.25%	5.815%
37	17.963	2610	2614	2620	rBV	183455	279542	9.61%	0.898%
38	18.022	2620	2624	2633	rVV2	221145	377533	12.98%	1.213%
39	18.345	2676	2679	2683	rVB2	68604	76329	2.62%	0.245%
40	19.527	2875	2880	2889	rBV	1482732	2211519	76.05%	7.106%
41	21.316	3180	3184	3189	rBV	2199356	2756606	94.80%	8.857%
42	22.063	3308	3311	3316	rVB	399640	514453	17.69%	1.653%
43	23.427	3539	3543	3554	rVB2	1196486	2178838	74.93%	7.001%
44	23.568	3563	3567	3579	rVB2	1520552	2907805	100.00%	9.343%

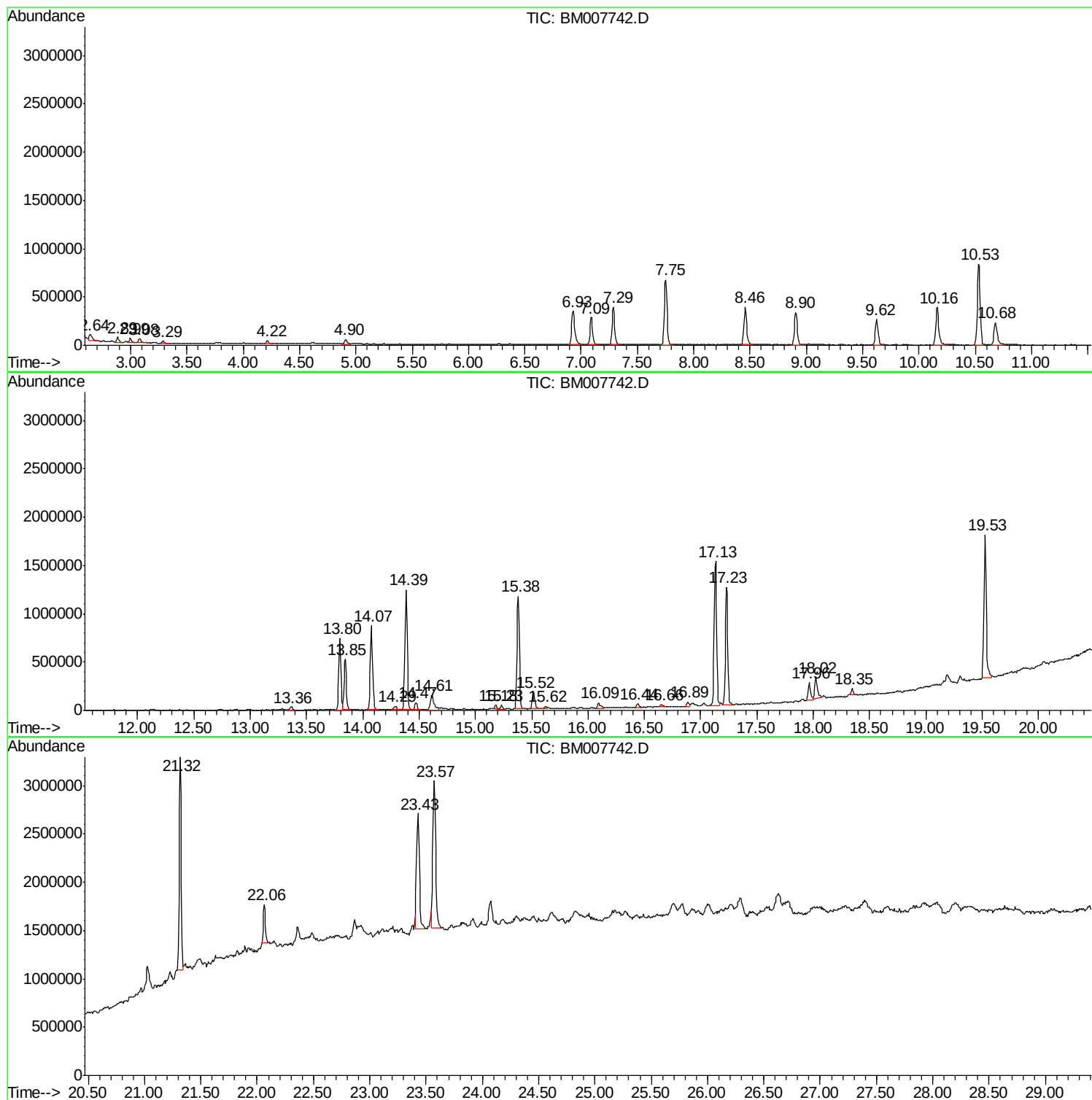
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



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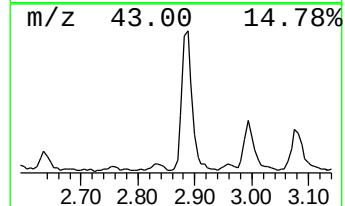
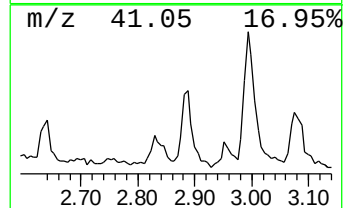
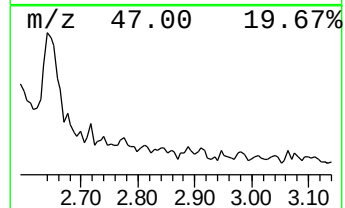
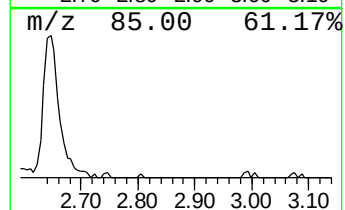
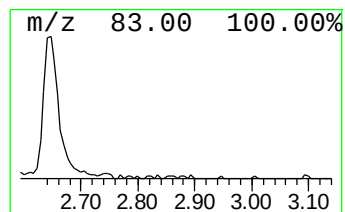
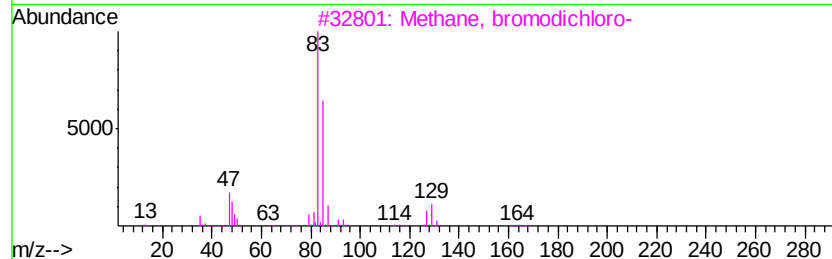
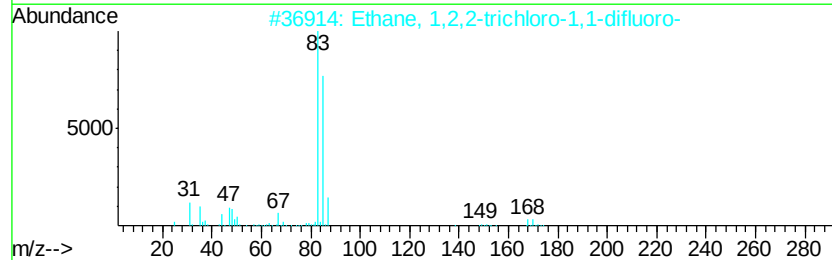
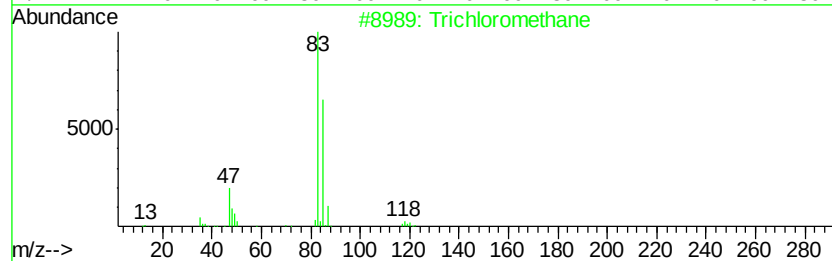
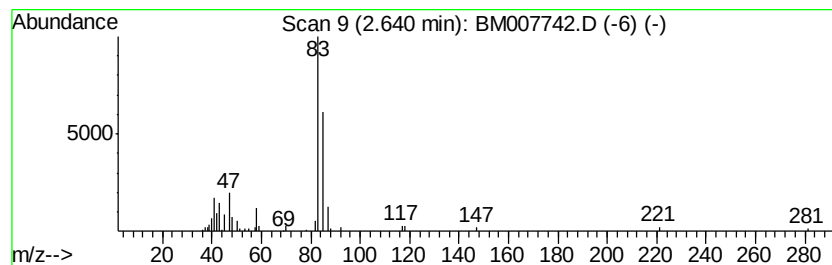
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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	2.44 ng/ul	135334	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloromethane	118	CHCl3	000067-66-3	72
2		Ethane, 1,2,2-trichloro-1,1-difl...	168	C2HCl3F2	000354-21-2	59
3		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	39
4		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	39
5		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	39



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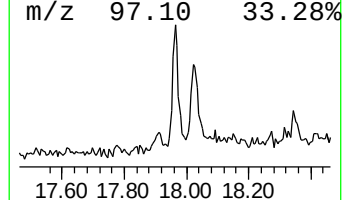
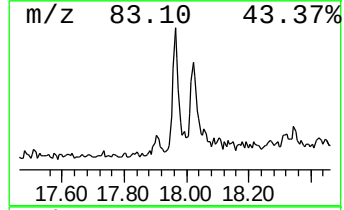
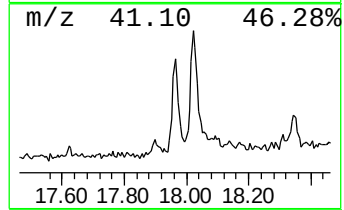
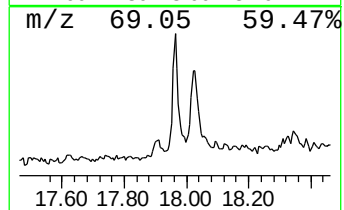
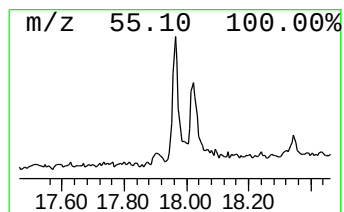
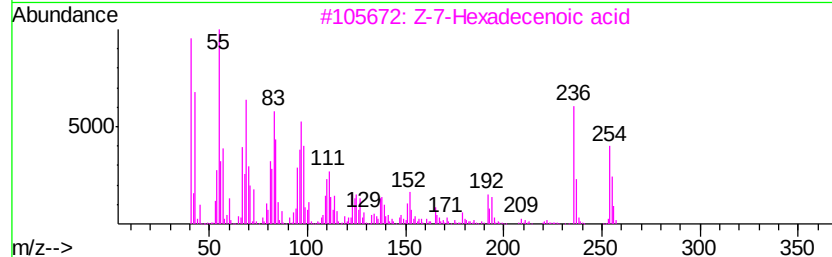
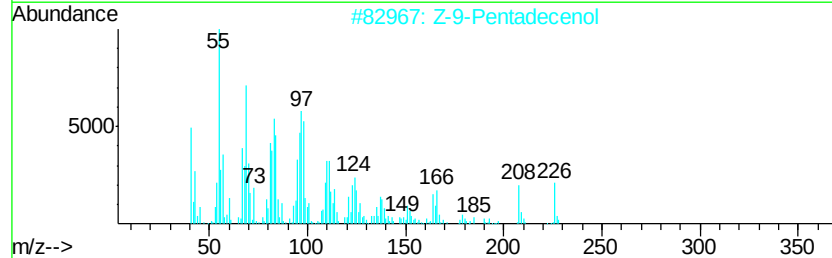
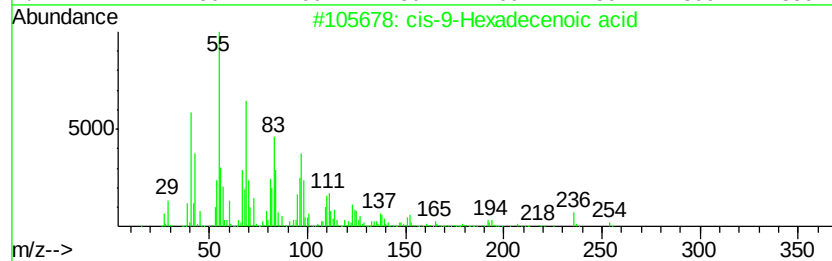
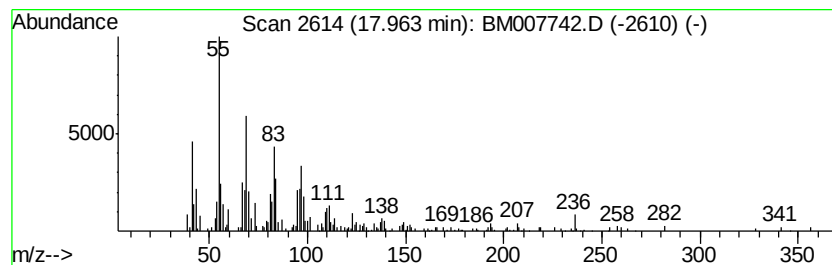
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Peak Number 2 cis-9-Hexadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.48 ng/ul	279542	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	99
2		Z-9-Pentadecenol	226	C15H30O	1000130-76-9	89
3		Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	87
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	86
5		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	83



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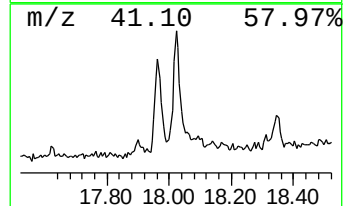
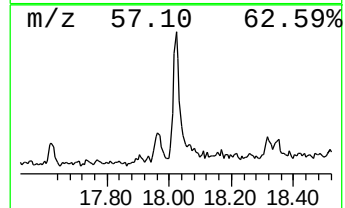
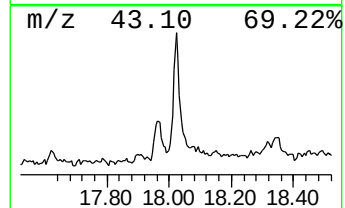
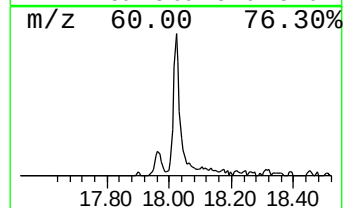
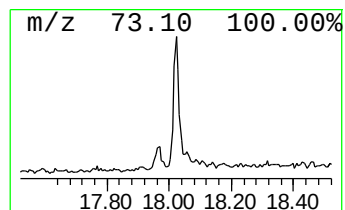
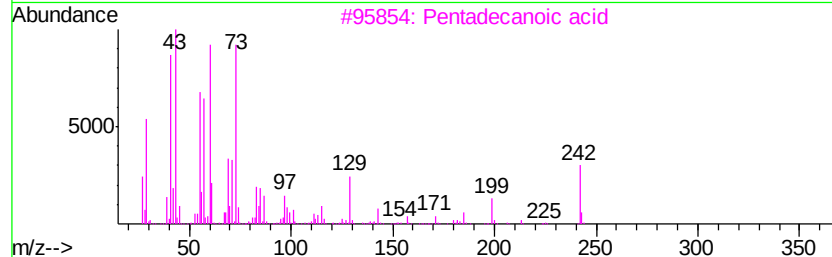
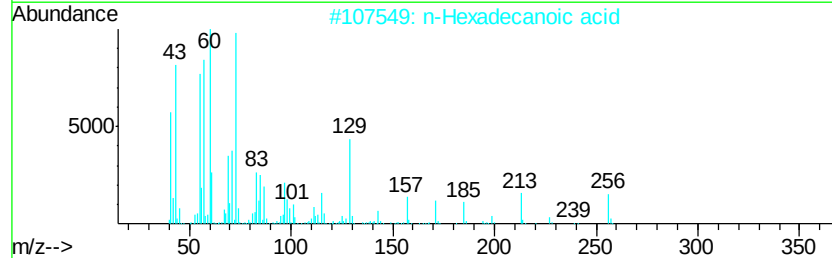
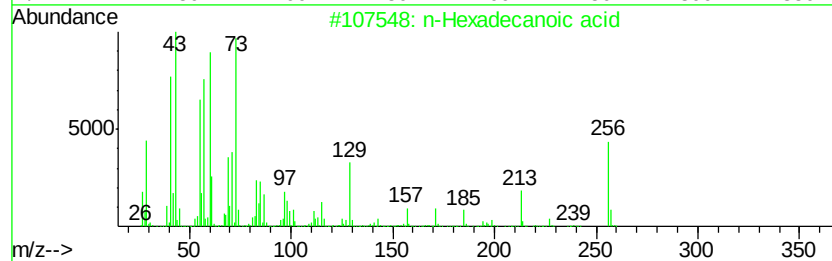
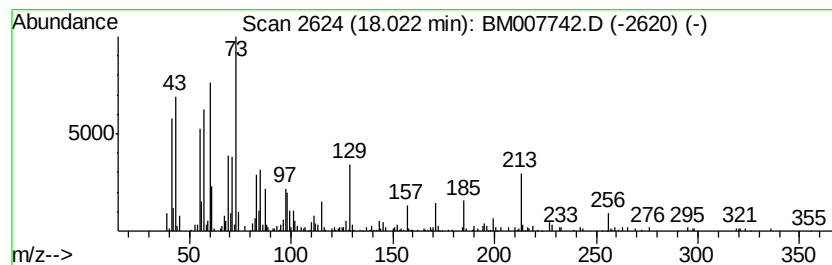
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.34 ng/ul	377533	Phenanthrene-d10	17.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76	



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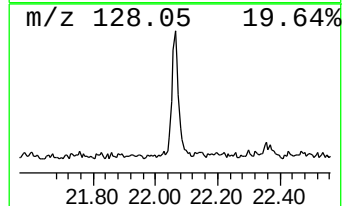
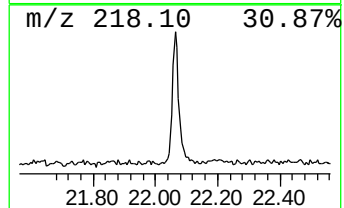
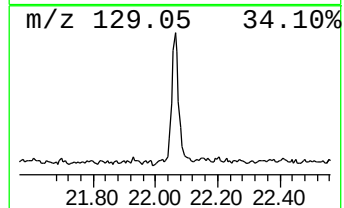
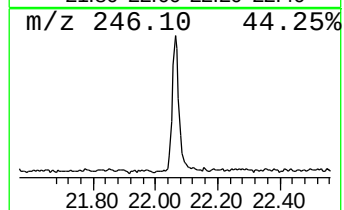
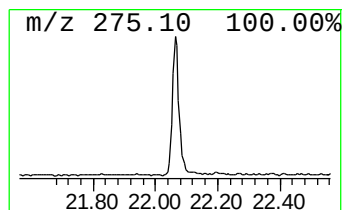
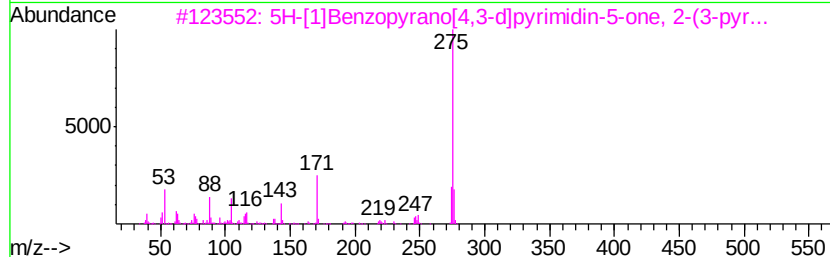
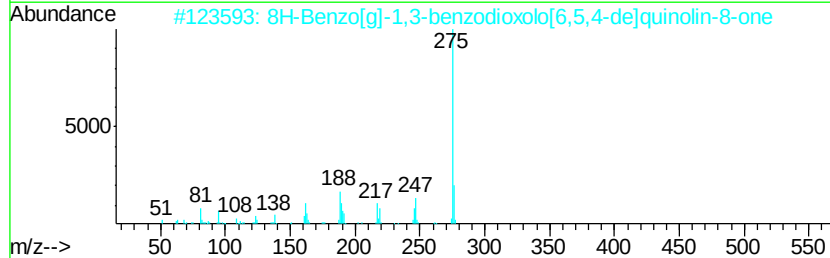
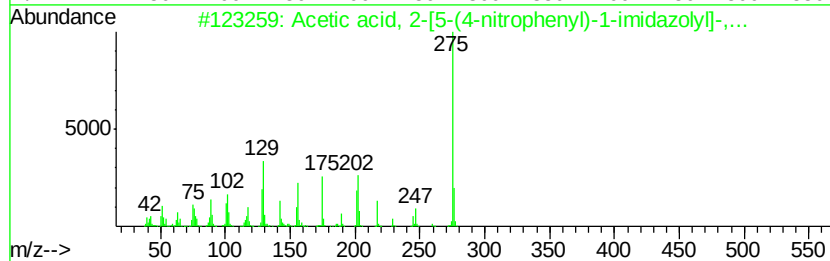
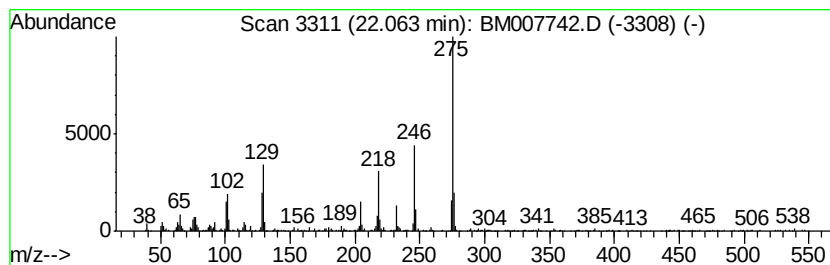
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Peak Number 4 Acetic acid, 2-[5-(4-nitrop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.06	3.73 ng/ul	514453	Chrysene-d12	21.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	50	
2	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9N03	000475-75-2	45	
3	5H-[1]Benzopyrano[4,3-d]pyrimidi...	275	C16H9N3O2	1000337-49-1	45	
4	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	43	
5	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9N03	000475-75-2	38	



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,2,2-tri...	2.64	2.4	ng/ul	135334	1	7.75	1110300	20.0
cis-9-Hexadeceno...	17.96	2.5	ng/ul	279542	4	17.13	2258080	20.0
n-Hexadecanoic acid	18.02	3.3	ng/ul	377533	4	17.13	2258080	20.0
Acetic acid, 2-[5...	22.06	3.7	ng/ul	514453	5	21.32	2756610	20.0