

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012073.D
 Acq On : 11 Oct 2017 15:30
 Operator : SJ/JU
 Sample : I5490-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-58(6-8)-092717

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\SOM-EPA-BM100317.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	3.252	25	28	36	rVB	46328	75800	1.25%	0.123%
2	6.999	658	665	683	rBV	751360	1360917	22.43%	2.200%
3	7.169	688	694	707	rVB	605185	978675	16.13%	1.582%
4	7.369	720	728	739	rBV	830536	1389145	22.90%	2.246%
5	7.840	802	808	817	rBV	739333	1200533	19.79%	1.941%
6	8.546	921	928	945	rBV	1017661	1790667	29.52%	2.895%
7	9.004	998	1006	1017	rBV	798541	1374975	22.66%	2.223%
8	9.728	1122	1129	1143	rBV	686271	1227864	20.24%	1.985%
9	10.263	1213	1220	1234	rBV	1056669	1867468	30.78%	3.019%
10	10.639	1277	1284	1293	rBV	1048326	1801017	29.69%	2.912%
11	10.781	1300	1308	1328	rBV	966196	1792983	29.56%	2.899%
12	11.463	1414	1424	1433	rBV2	93399	187858	3.10%	0.304%
13	13.892	1830	1837	1841	rBV	2135014	3029739	49.94%	4.899%
14	13.939	1841	1845	1852	rVB	922149	1273496	20.99%	2.059%
15	14.180	1879	1886	1894	rBV	2418679	3477242	57.32%	5.622%
16	14.327	1903	1911	1916	rBV	46468	110374	1.82%	0.178%
17	14.486	1932	1938	1948	rVB2	1717371	2555942	42.13%	4.133%
18	14.686	1966	1972	1989	rBV	541349	1129979	18.63%	1.827%
19	15.322	2074	2080	2085	rVB2	71400	109123	1.80%	0.176%
20	15.480	2100	2107	2115	rBV	3107548	4415233	72.78%	7.139%
21	15.604	2122	2128	2137	rBV	844428	1233372	20.33%	1.994%
22	15.716	2142	2147	2153	rVB4	51122	86989	1.43%	0.141%
23	16.180	2221	2226	2234	rBV	82102	135681	2.24%	0.219%
24	17.233	2398	2405	2415	rBV2	2202565	3228406	53.22%	5.220%
25	17.327	2415	2421	2436	rVV	3347812	4851873	79.98%	7.845%
26	18.110	2549	2554	2565	rBV	454040	707543	11.66%	1.144%
27	18.204	2565	2570	2575	rVB3	51411	96359	1.59%	0.156%
28	18.468	2611	2615	2619	rBV3	69022	78708	1.30%	0.127%
29	19.262	2743	2750	2758	rBV5	82222	236452	3.90%	0.382%
30	19.386	2767	2771	2787	rBV	433257	688639	11.35%	1.113%
31	19.509	2789	2792	2801	rVB4	39577	101330	1.67%	0.164%
32	19.621	2805	2811	2821	rBV	4483745	6066556	100.00%	9.809%
33	21.098	3059	3062	3072	rVB	313136	406432	6.70%	0.657%
34	21.309	3095	3098	3103	rBV2	94609	113577	1.87%	0.184%

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35	21.409	3110	3115	3124	rBV	2723541	3906258	64.39%	6.316%
36	23.574	3476	3483	3497	rBV2	2795752	5497008	90.61%	8.888%
37	23.721	3502	3508	3517	rVB	1656119	3264322	53.81%	5.278%

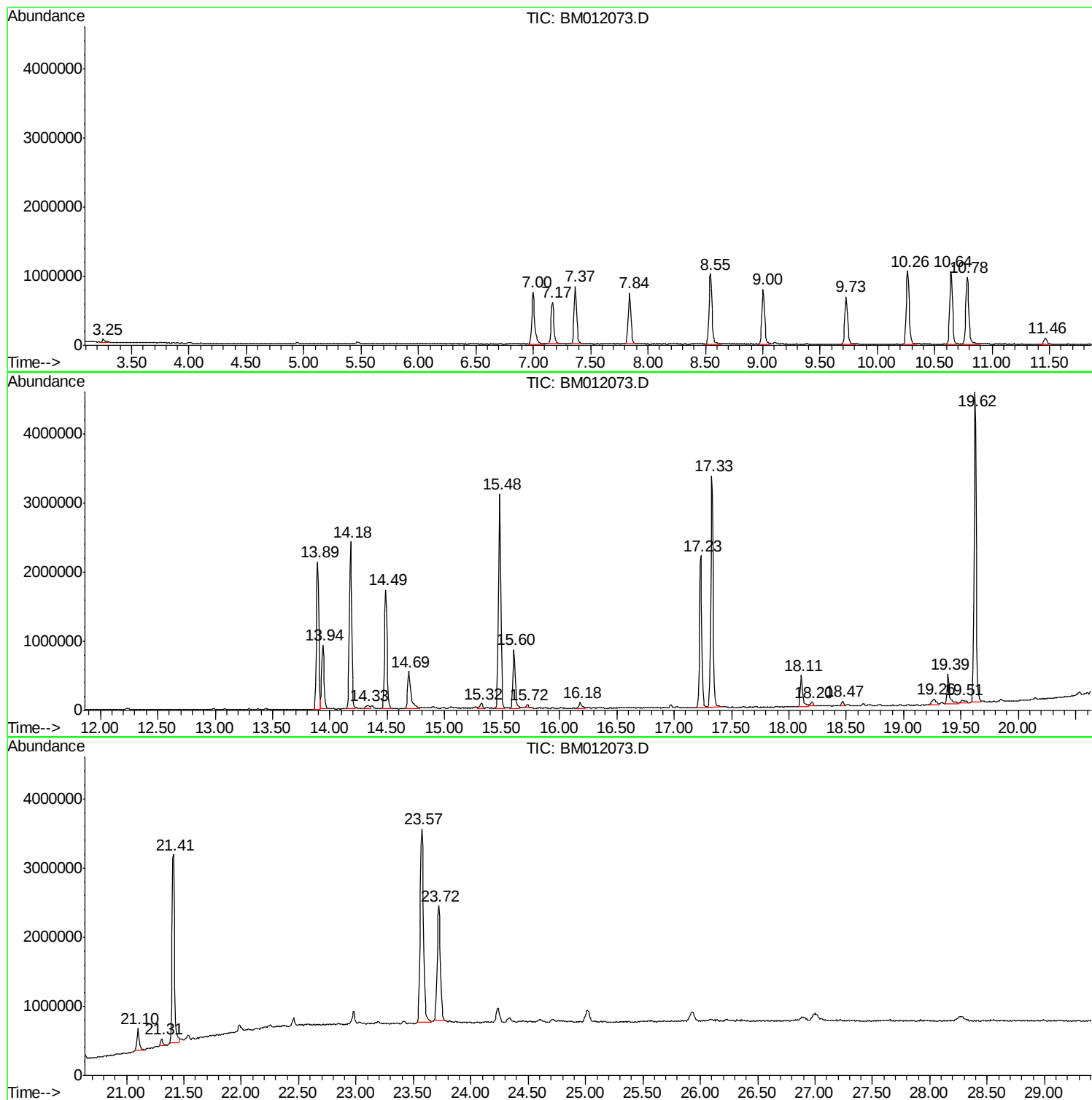
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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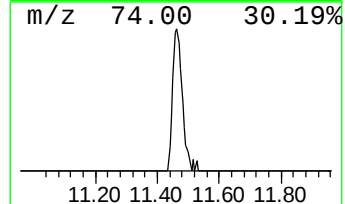
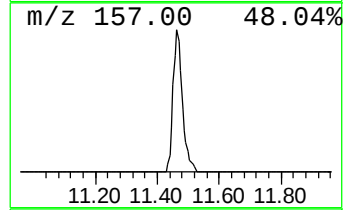
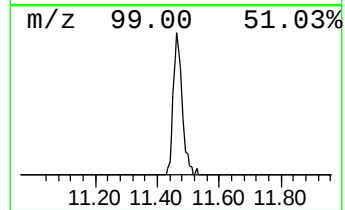
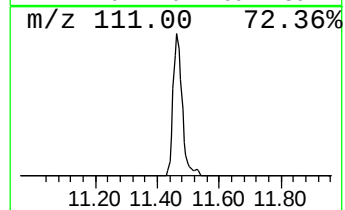
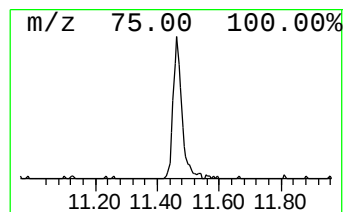
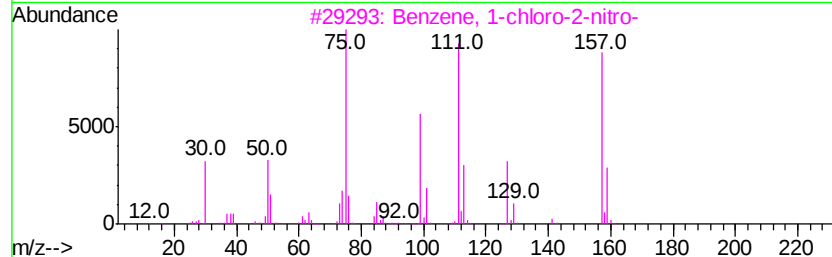
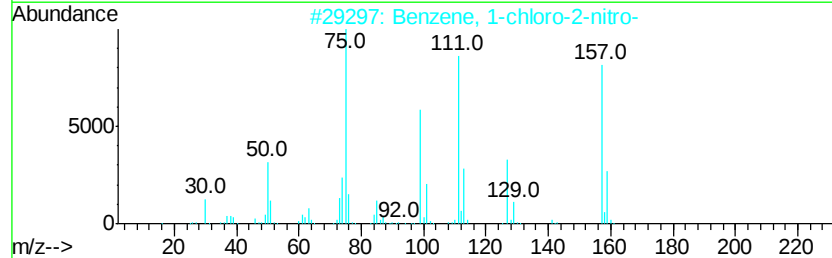
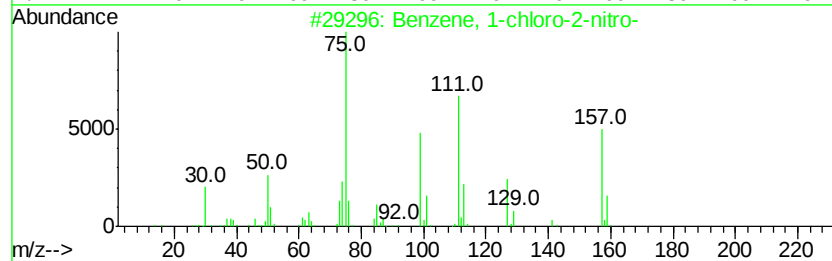
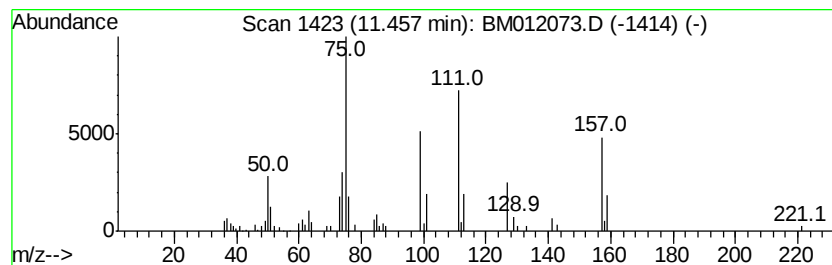
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1-chloro-2-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.09 ng/ul	187858	Napthalene-d8	10.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94



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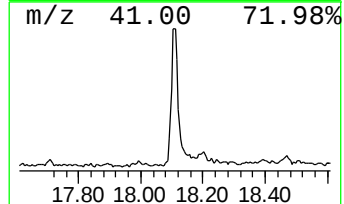
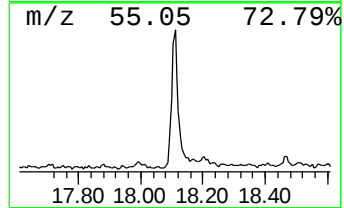
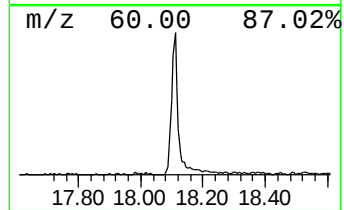
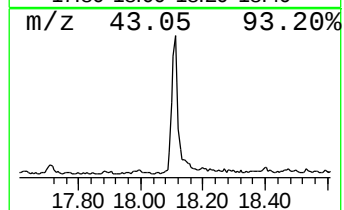
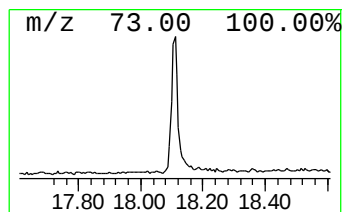
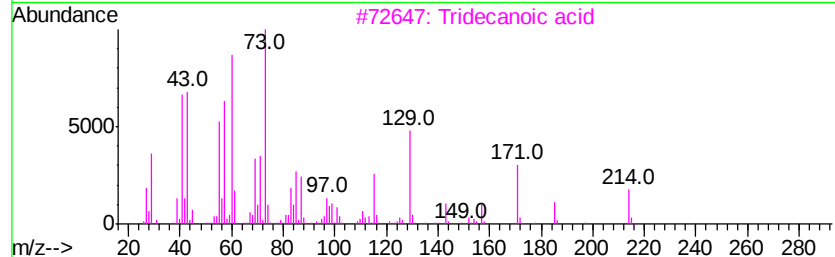
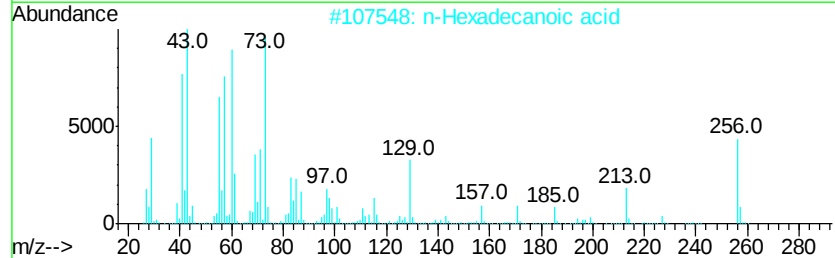
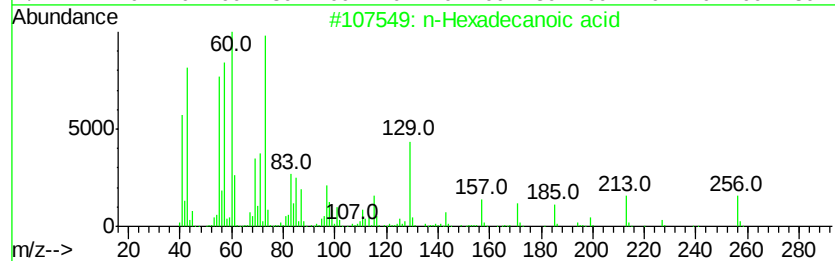
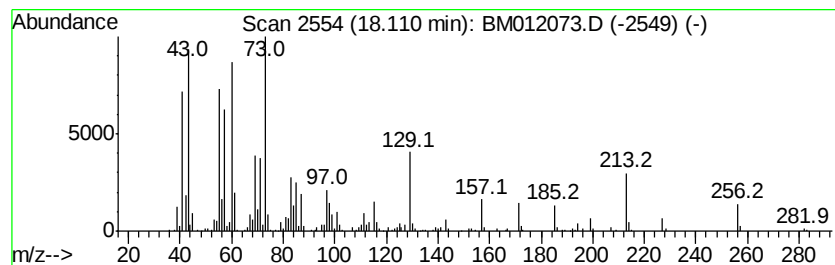
Instrument :
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ClientSampleId :
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.11	4.38 ng/ul	707543	Phenanthrene-d10		17.23	
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	98
3	Tridecanoic acid		214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
5	Tridecanoic acid		214	C13H26O2	000638-53-9	87



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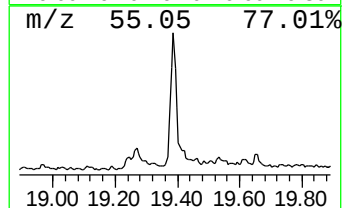
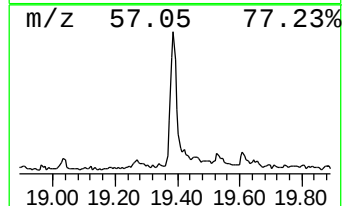
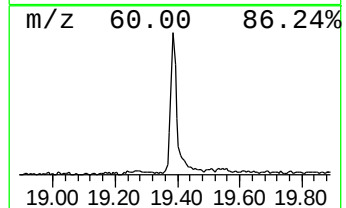
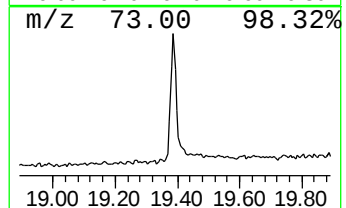
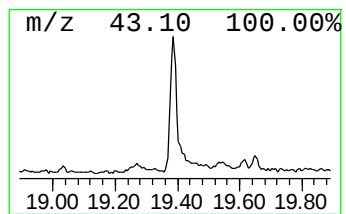
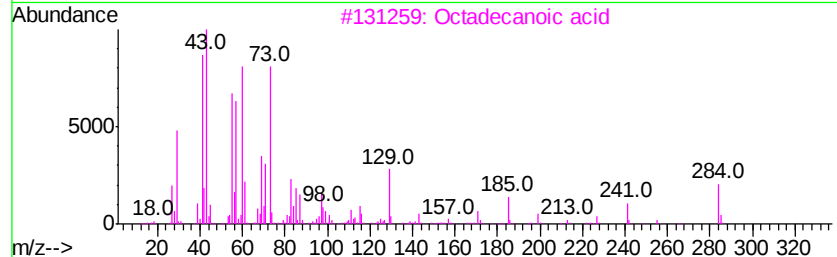
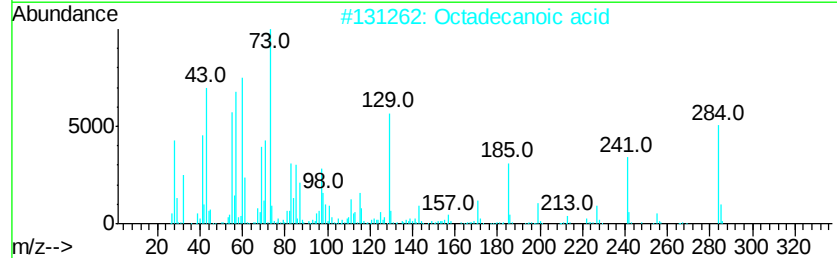
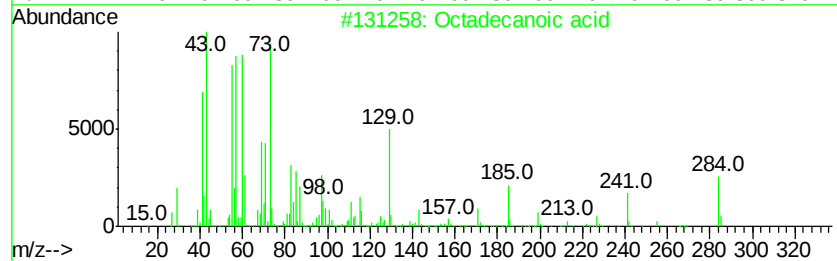
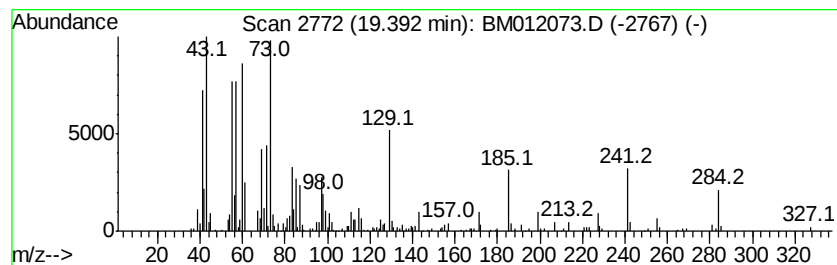
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	3.53 ng/ul	688639	Chrysene-d12	21.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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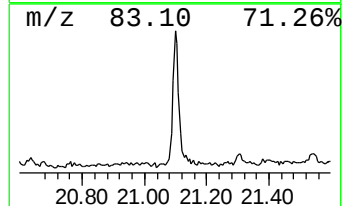
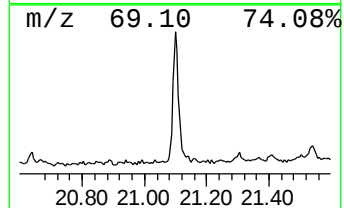
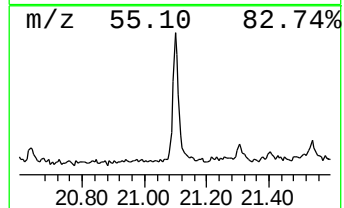
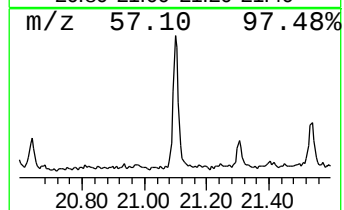
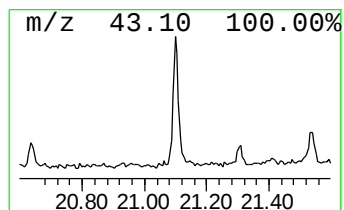
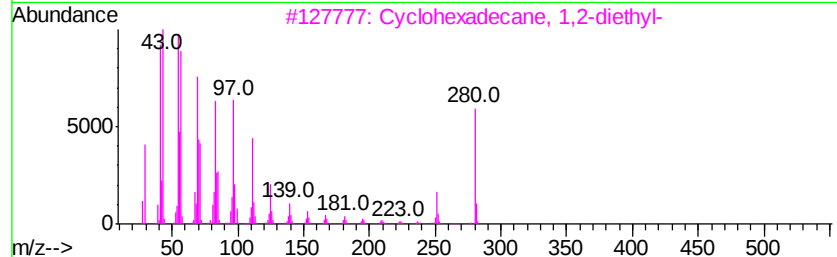
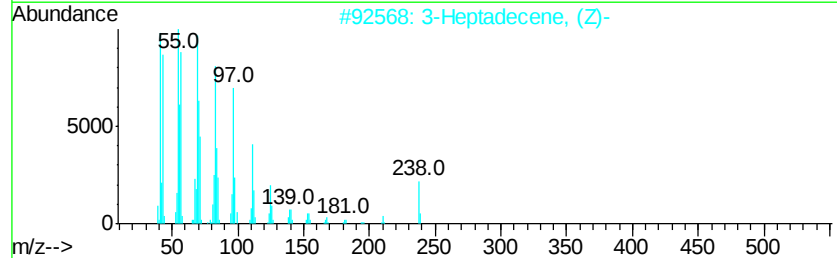
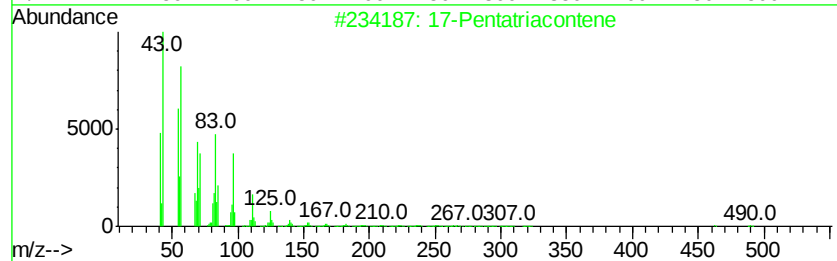
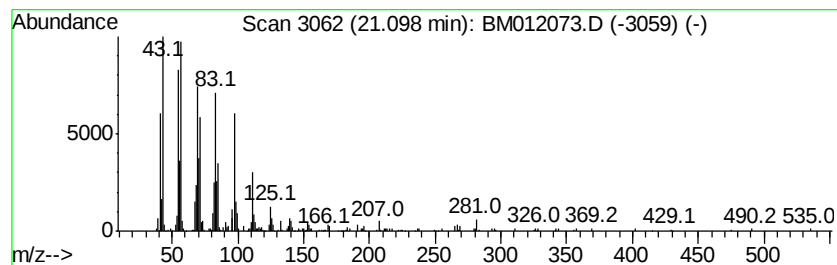
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Peak Number 4 (DEL) Alkane: Cyclic21.10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.08 ng/ul	406432	Chrysene-d12	21.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	95
2		3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	95
3		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-chloro...	11.46	2.1	ng/ul	187858	2	10.64	1801020	20.0
n-Hexadecanoic acid	18.11	4.4	ng/ul	707543	4	17.23	3228410	20.0
Octadecanoic acid	19.39	3.5	ng/ul	688639	5	21.41	3906260	20.0
(DEL) Alkane: Cyc...	21.10	2.1	ng/ul	406432	5	21.41	3906260	20.0