

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013728.D
 Acq On : 23 Jan 2018 12:10
 Operator : SJ/JU
 Sample : J1174-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A46

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-BM011018.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	3.163	26	30	34	rBV2	30634	40952	1.21%	0.099%
2	4.775	298	304	310	rVB4	26311	49094	1.45%	0.119%
3	6.792	640	647	659	rBV2	578043	1062405	31.42%	2.579%
4	6.951	668	674	686	rVB	458638	707771	20.93%	1.718%
5	7.145	699	707	716	rBV	624871	1019100	30.14%	2.474%
6	7.222	716	720	733	rVV2	109207	201077	5.95%	0.488%
7	7.610	778	786	794	rBV	715425	1150004	34.01%	2.792%
8	8.322	899	907	918	rBV	658885	1119514	33.11%	2.718%
9	8.763	975	982	989	rBV	606051	1008427	29.83%	2.448%
10	8.892	996	1004	1008	rBV4	20686	34720	1.03%	0.084%
11	9.169	1045	1051	1056	rBV3	39997	60434	1.79%	0.147%
12	9.480	1097	1104	1113	rBV	510979	881240	26.07%	2.139%
13	10.016	1188	1195	1209	rBV	731136	1297708	38.38%	3.150%
14	10.380	1250	1257	1266	rBV	879288	1520142	44.96%	3.690%
15	10.533	1275	1283	1296	rBV	567093	1065805	31.52%	2.587%
16	13.674	1811	1817	1822	rBV	1271380	1861244	55.05%	4.518%
17	13.721	1822	1825	1833	rVV	491028	730310	21.60%	1.773%
18	13.786	1833	1836	1845	rVB10	17570	34326	1.02%	0.083%
19	13.951	1857	1864	1876	rBV	1550540	2320371	68.63%	5.633%
20	14.163	1895	1900	1905	rBV4	57728	85819	2.54%	0.208%
21	14.263	1911	1917	1924	rVB2	1176990	1871539	55.36%	4.543%
22	14.486	1950	1955	1967	rBV	332185	692848	20.49%	1.682%
23	15.045	2046	2050	2052	rBV4	27872	41123	1.22%	0.100%
24	15.121	2060	2063	2068	rVB	56388	76733	2.27%	0.186%
25	15.257	2080	2086	2092	rBV	1928857	2656843	78.58%	6.450%
26	15.398	2105	2110	2118	rBV	436035	621330	18.38%	1.508%
27	15.504	2124	2128	2131	rBV6	21940	34062	1.01%	0.083%
28	15.992	2207	2211	2212	rBV2	67285	82536	2.44%	0.200%
29	16.009	2212	2214	2218	rVB3	83874	102806	3.04%	0.250%
30	16.674	2324	2327	2332	rVB6	54118	78732	2.33%	0.191%
31	16.780	2343	2345	2349	rVB4	51846	57538	1.70%	0.140%
32	16.833	2351	2354	2358	rVB5	42985	57726	1.71%	0.140%
33	17.015	2379	2385	2390	rBV	1585342	2235604	66.12%	5.427%
34	17.109	2395	2401	2413	rVV	1892763	2852823	84.38%	6.926%

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35	17.521	2468	2471	2475	rVB5	48676	60026	1.78%	0.146%
36	17.921	2534	2539	2545	rBV	384204	594433	17.58%	1.443%
37	18.209	2586	2588	2593	rVB6	51271	65544	1.94%	0.159%
38	19.209	2754	2758	2765	rBV2	196959	285873	8.46%	0.694%
39	19.415	2788	2793	2802	rBV	2413453	3380927	100.00%	8.208%
40	20.933	3048	3051	3057	rBV2	588872	814895	24.10%	1.978%
41	21.209	3094	3098	3103	rBV	2046201	2521947	74.59%	6.122%
42	23.274	3444	3449	3460	rVB2	1783903	3210260	94.95%	7.793%
43	23.409	3467	3472	3486	rVB	1318155	2545486	75.29%	6.180%

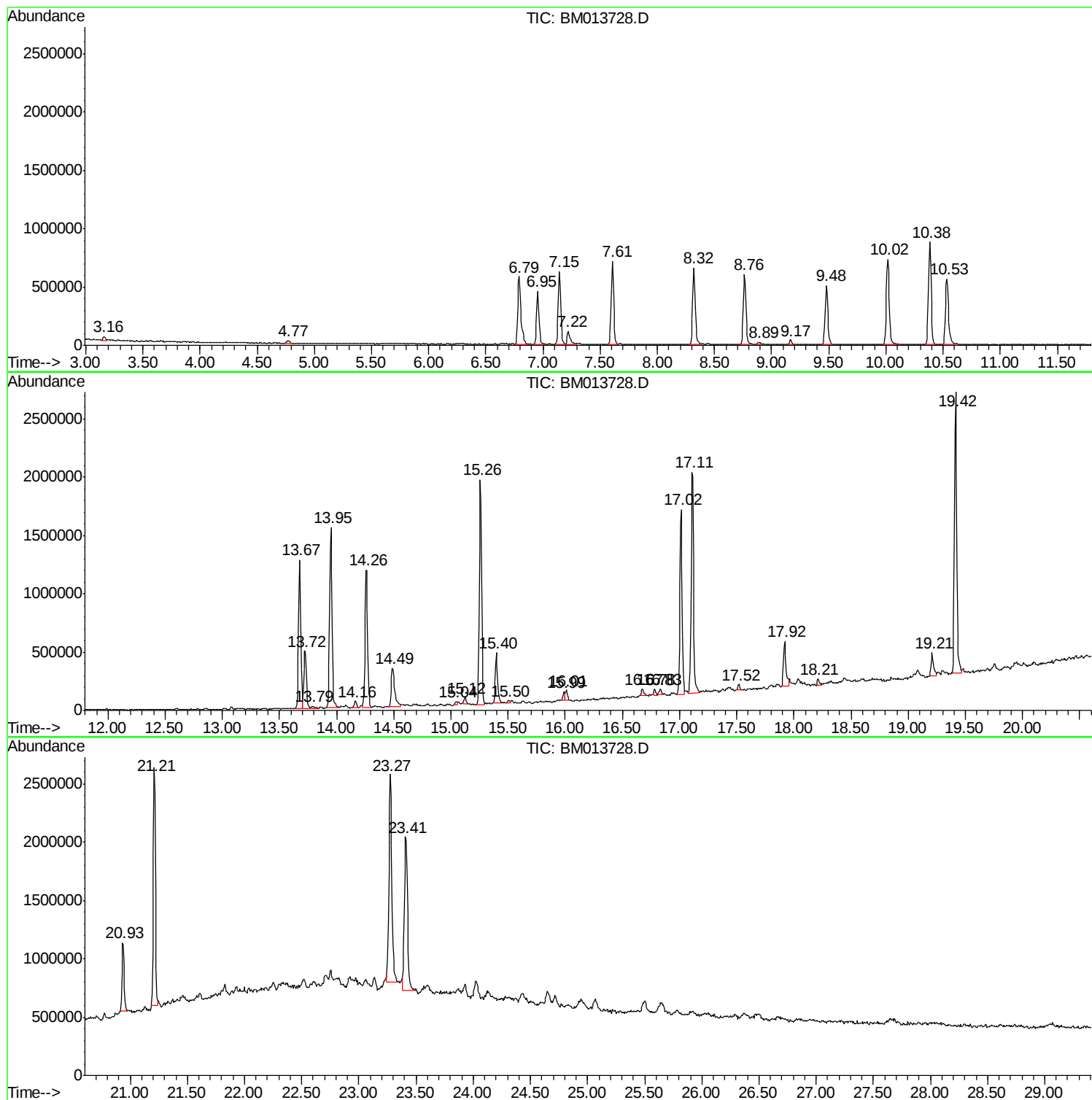
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Quant Title : SVOA CALIBRATION

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



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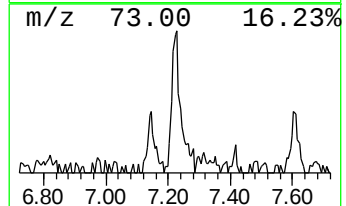
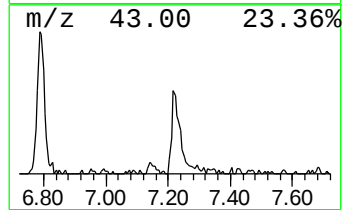
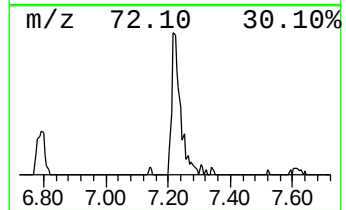
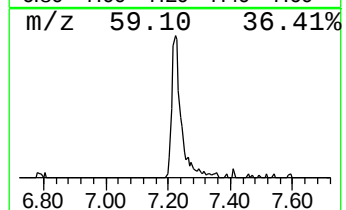
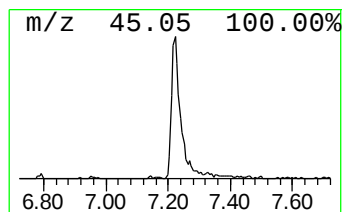
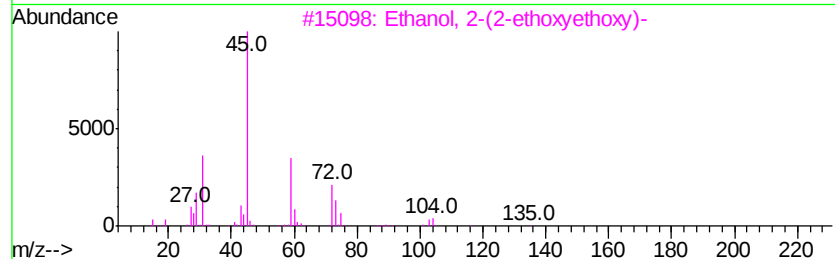
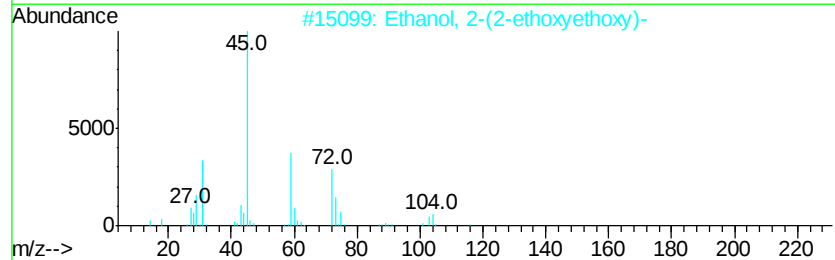
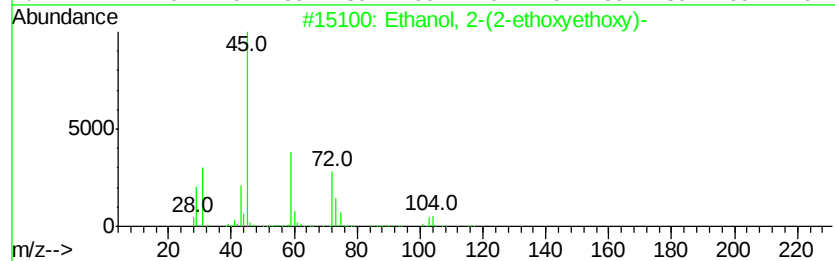
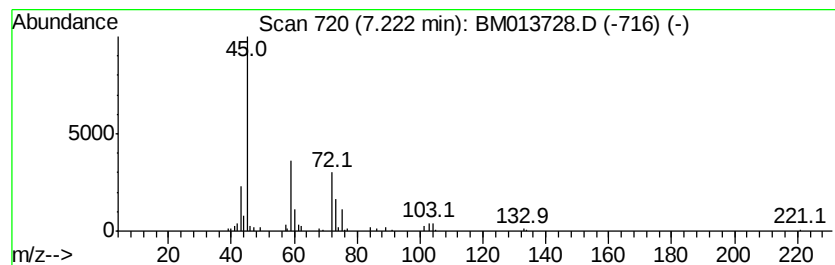
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	3.50 ng/ul	201077	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
3		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
4		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
5		Diethyl carbitol	162	C8H18O3	000112-36-7	64



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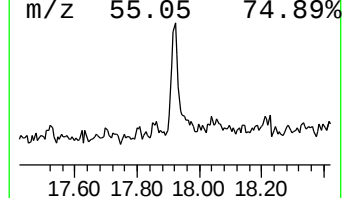
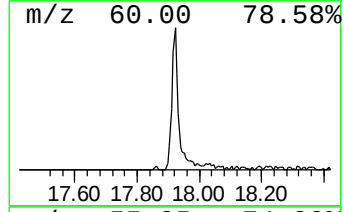
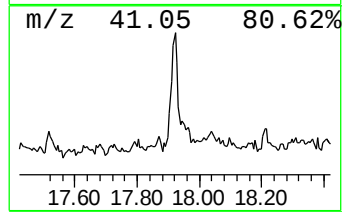
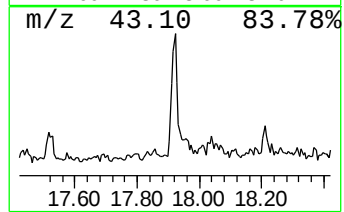
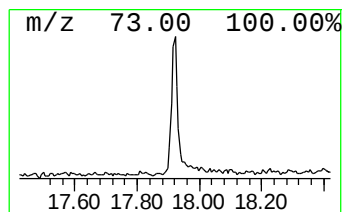
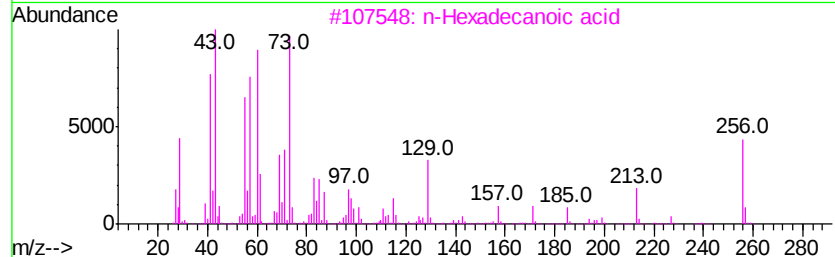
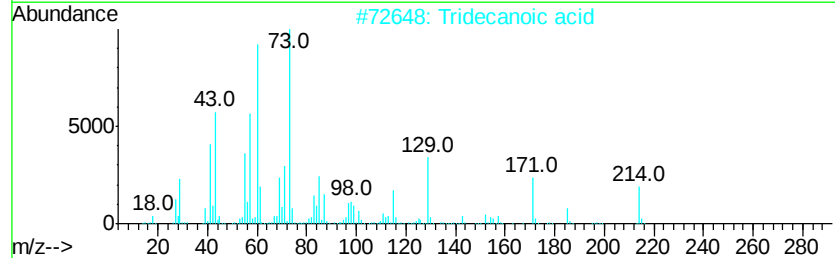
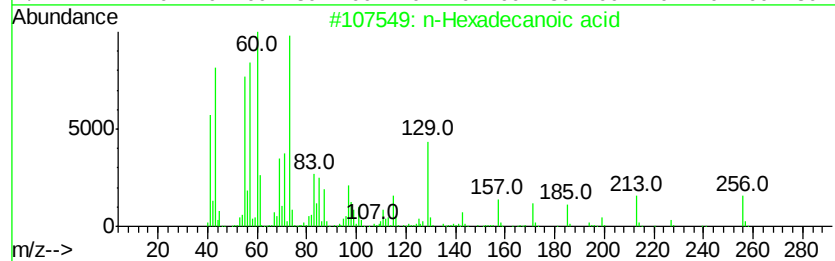
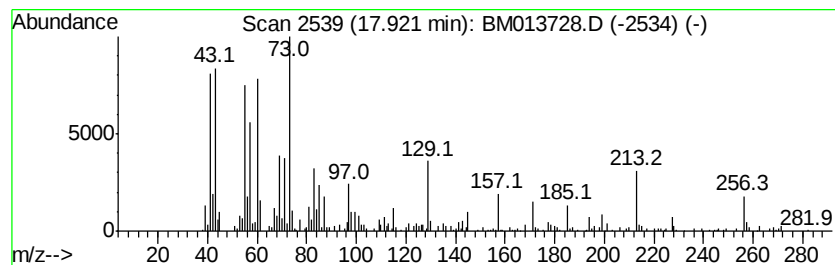
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	5.32 ng/ul	594433	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Heptadecanoic acid	270	C17H34O2	000506-12-7	84



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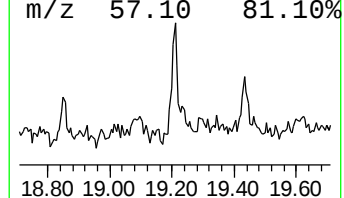
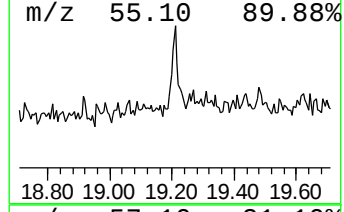
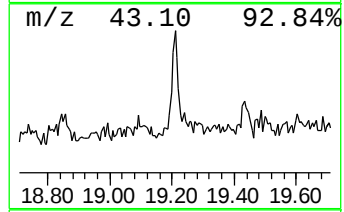
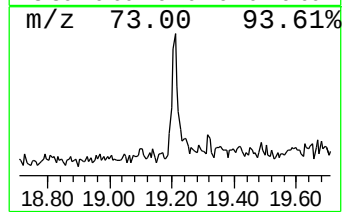
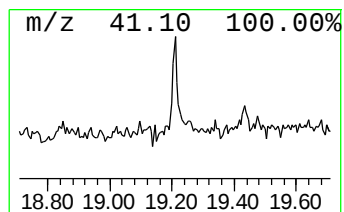
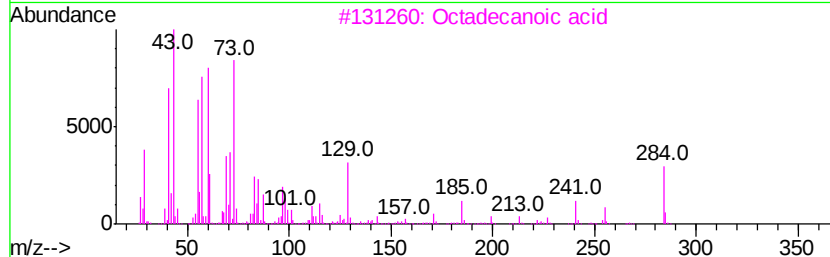
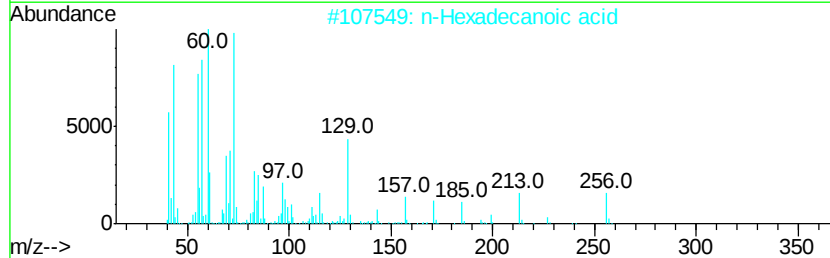
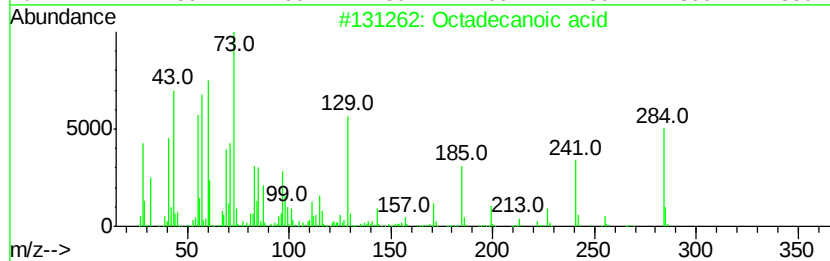
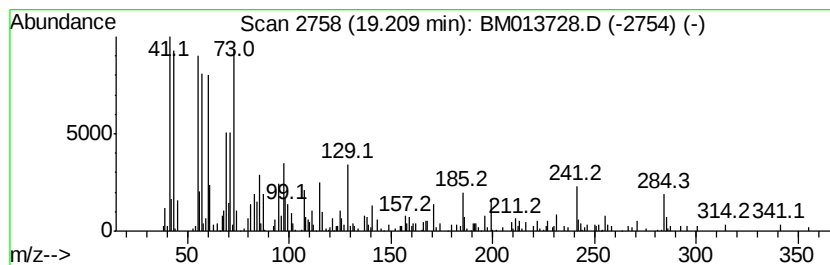
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	2.27 ng/ul	285873	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4 96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3 95
3	Octadecanoic acid	284	C18H36O2	000057-11-4 93
4	Octadecanoic acid	284	C18H36O2	000057-11-4 91
5	Octadecanoic acid	284	C18H36O2	000057-11-4 86



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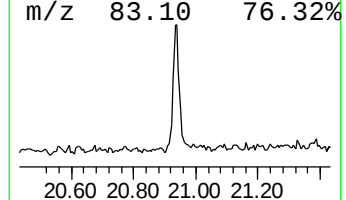
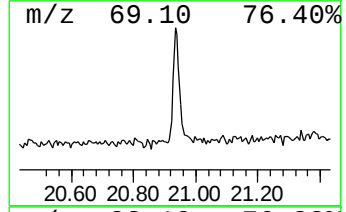
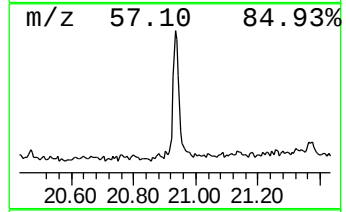
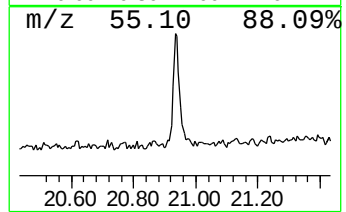
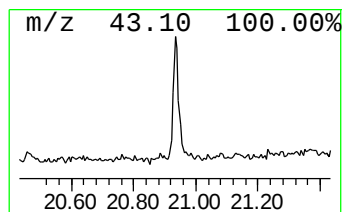
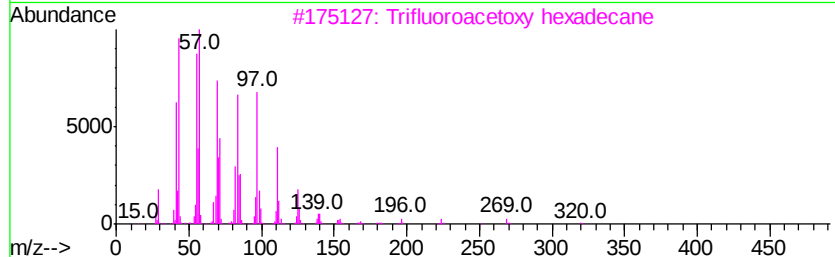
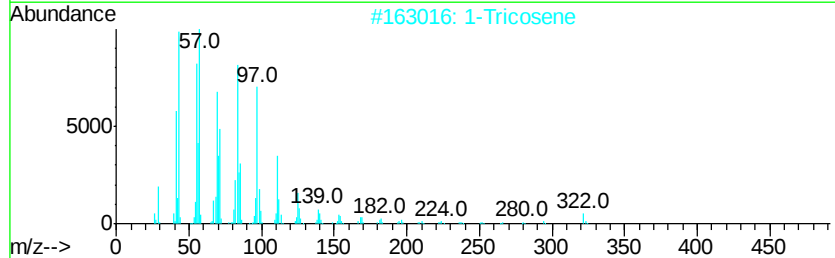
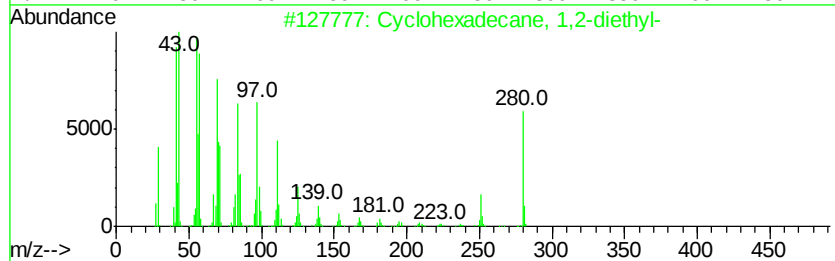
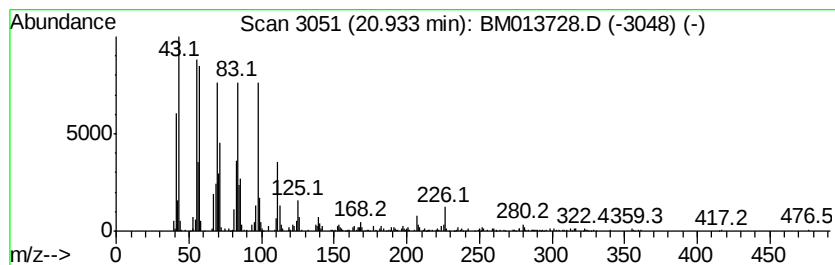
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Peak Number 4 (DEL) Alkane: Cyclic20.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.93	6.46 ng/ul	814895	Chrysene-d12	21.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	97
2	1-Tricosene	322	C23H46	018835-32-0	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-eth...	7.22	3.5	ng/ul	201077	1	7.61	1150000	20.0
n-Hexadecanoic acid	17.92	5.3	ng/ul	594433	4	17.02	2235600	20.0
Octadecanoic acid	19.21	2.3	ng/ul	285873	5	21.21	2521950	20.0
(DEL) Alkane: Cyc...	20.93	6.5	ng/ul	814895	5	21.21	2521950	20.0