

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013861.D
 Acq On : 27 Jan 2018 01:25
 Operator : SJ/JU
 Sample : J1244-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B48

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	3.146	24	27	33	rVB3	35006	43415	1.39%	0.133%
2	6.769	638	643	654	rBV2	467937	902183	28.94%	2.762%
3	6.934	664	671	681	rVB	403077	617256	19.80%	1.890%
4	7.122	697	703	714	rVB	586966	899240	28.85%	2.753%
5	7.587	774	782	792	rBV	522265	846360	27.15%	2.591%
6	8.298	897	903	920	rVB	581597	1013622	32.52%	3.103%
7	8.739	970	978	987	rBV	537404	889646	28.54%	2.724%
8	9.457	1094	1100	1108	rBV2	443229	763300	24.49%	2.337%
9	9.992	1185	1191	1202	rBV	615974	1097960	35.22%	3.361%
10	10.357	1242	1253	1264	rBV	647136	1062156	34.07%	3.252%
11	10.510	1272	1279	1294	rBV	521034	1025648	32.90%	3.140%
12	13.657	1808	1814	1818	rBV	1141258	1574235	50.50%	4.819%
13	13.704	1818	1822	1831	rVB	342559	511612	16.41%	1.566%
14	13.927	1853	1860	1869	rVB	1301697	1892155	60.70%	5.793%
15	14.239	1906	1913	1920	rBV2	825751	1287240	41.29%	3.941%
16	14.480	1948	1954	1969	rBV	211647	528395	16.95%	1.618%
17	15.239	2076	2083	2091	rBV	1574946	2264656	72.65%	6.933%
18	15.380	2100	2107	2120	rBV	349480	572861	18.38%	1.754%
19	15.480	2120	2124	2132	rVB5	20841	36163	1.16%	0.111%
20	15.610	2140	2146	2152	rBV2	29713	48067	1.54%	0.147%
21	15.880	2186	2192	2201	rBV	132689	196971	6.32%	0.603%
22	16.992	2375	2381	2391	rBV	1097574	1529100	49.05%	4.681%
23	17.092	2391	2398	2411	rVB	1668549	2441401	78.32%	7.474%
24	17.898	2530	2535	2543	rBV2	230538	340588	10.93%	1.043%
25	19.039	2723	2729	2731	rBV5	53312	86681	2.78%	0.265%
26	19.186	2749	2754	2759	rBV3	155867	209722	6.73%	0.642%
27	19.392	2782	2789	2796	rBV	2080119	2840465	91.12%	8.696%
28	19.451	2796	2799	2804	rVB5	34409	48834	1.57%	0.150%
29	20.915	3043	3048	3054	rBV2	213777	329983	10.59%	1.010%
30	21.192	3090	3095	3102	rBV2	1422404	1913634	61.39%	5.858%
31	23.238	3437	3443	3452	rBV2	1640709	3117258	100.00%	9.543%
32	23.380	3461	3467	3474	rVB	952566	1733913	55.62%	5.308%

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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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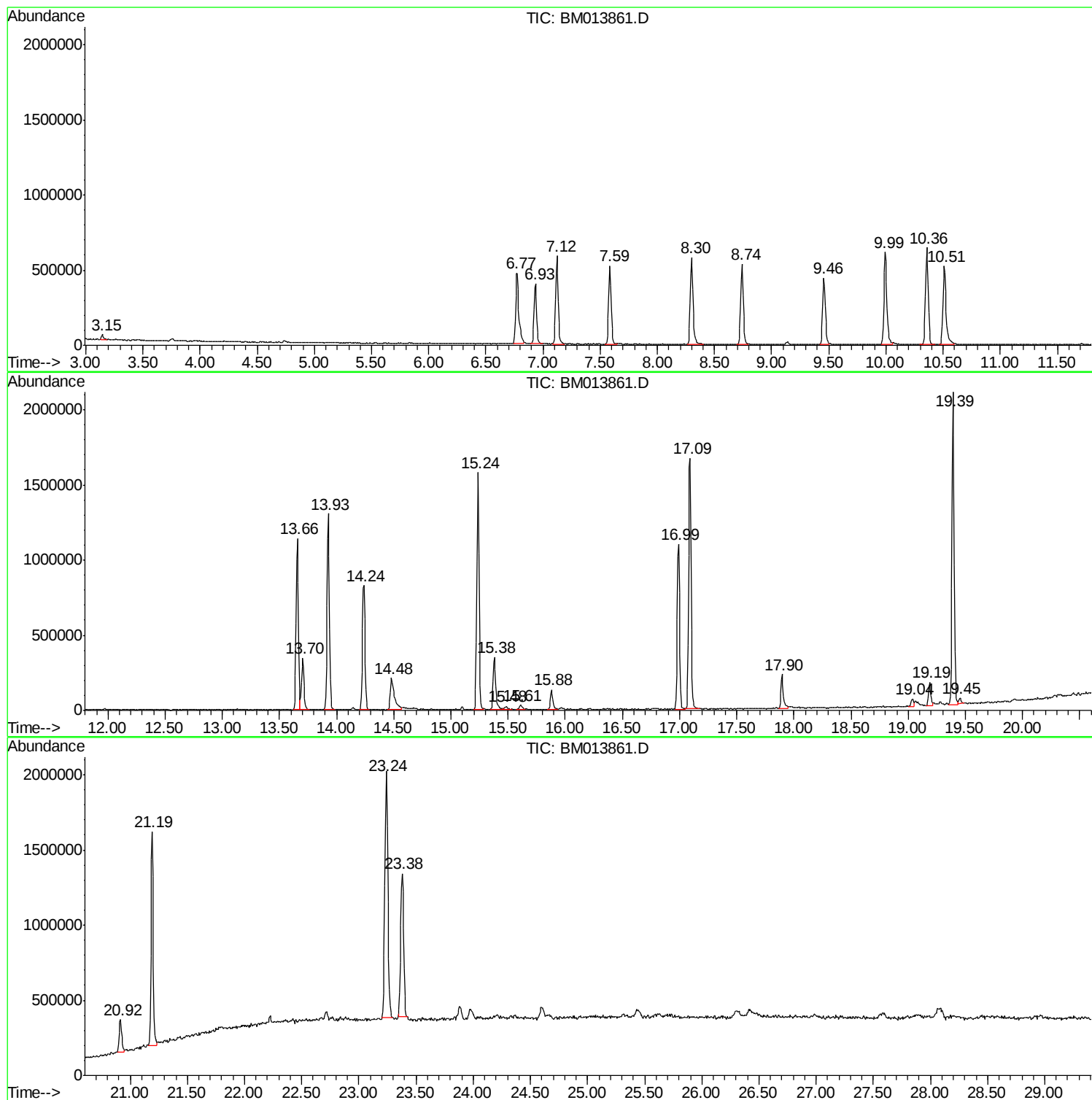
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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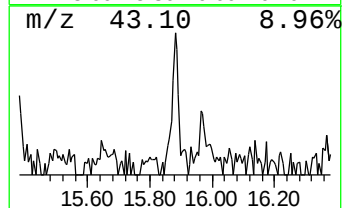
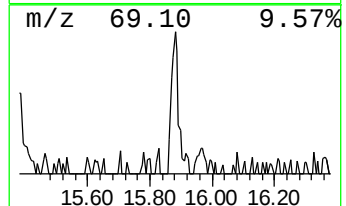
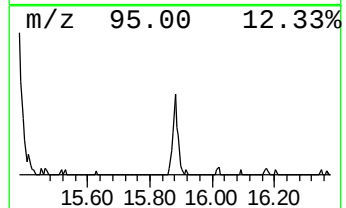
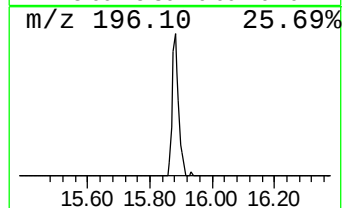
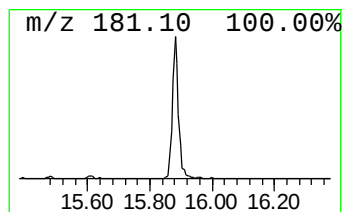
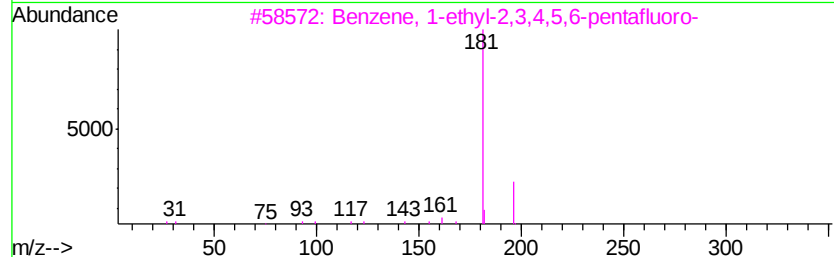
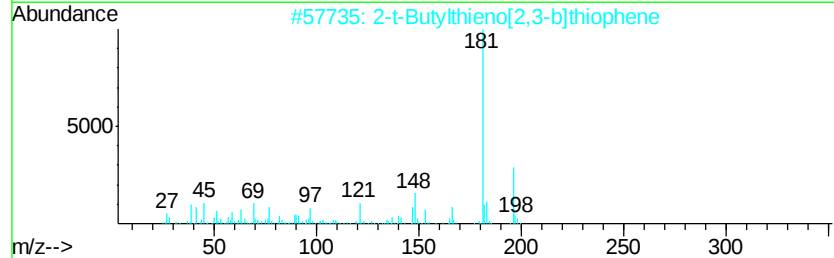
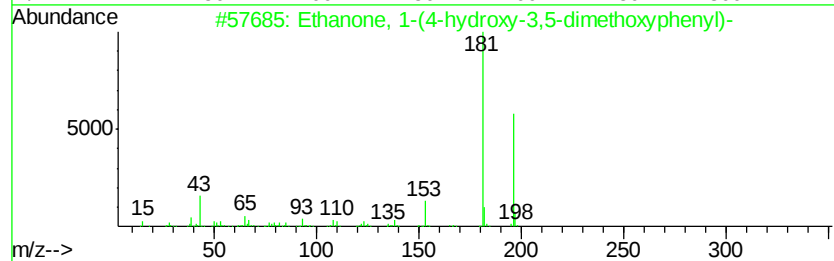
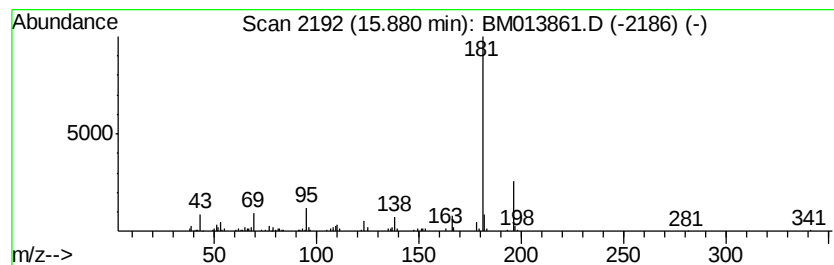
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	2.58 ng/ul	196971	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	64
2		2-t-Butylthieno[2,3-b]thiophene	196	C10H12S2	1000250-49-6	64
3		Benzene, 1-ethyl-2,3,4,5,6-penta...	196	C8H5F5	002251-81-2	53
4		Xanthoxylin	196	C10H12O4	000090-24-4	49
5		1,2-Dimethoxy-4-(1,2,3-trimethox...	270	C14H22O5	1000313-34-7	47



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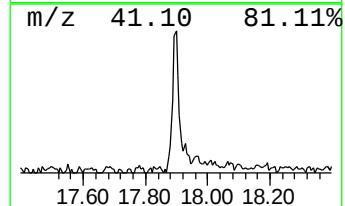
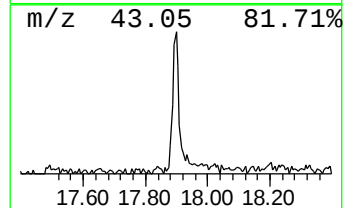
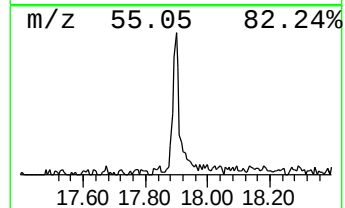
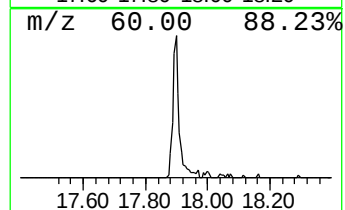
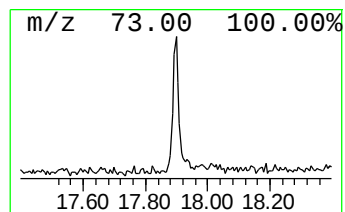
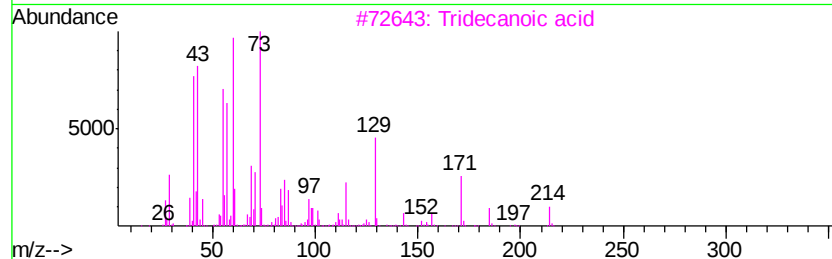
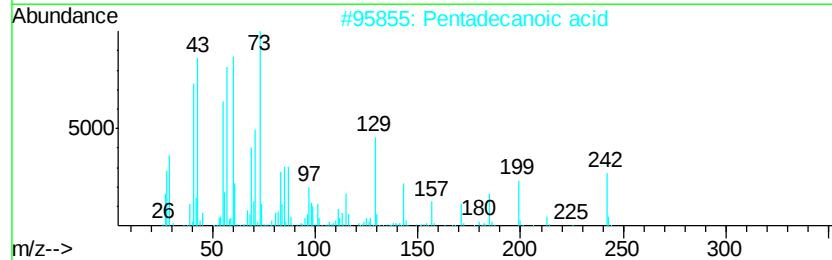
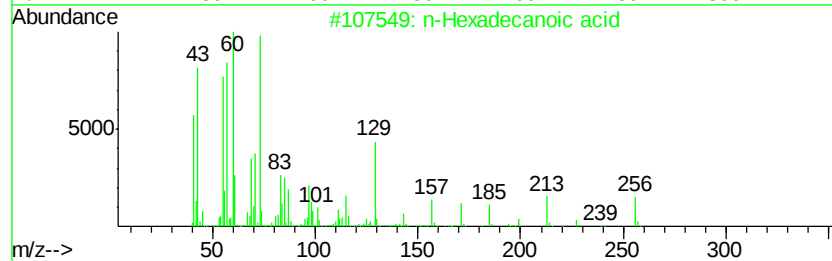
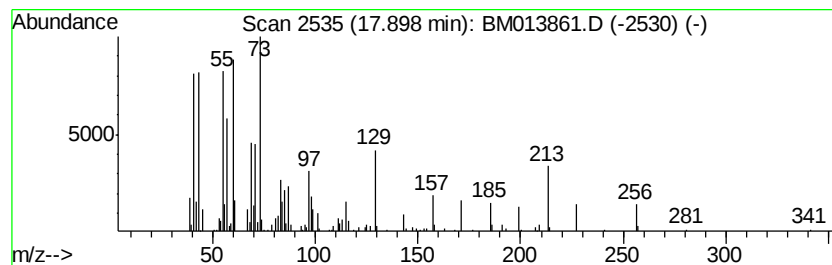
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	4.45 ng/ul	340588	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	74
3	Tridecanoic acid		214	C13H26O2	000638-53-9	70
4	Undecanoic acid		186	C11H22O2	000112-37-8	64
5	Undecanoic acid		186	C11H22O2	000112-37-8	64



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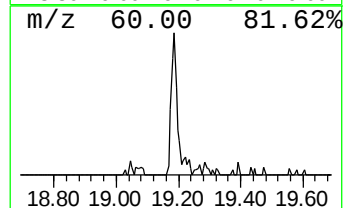
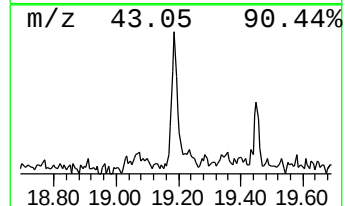
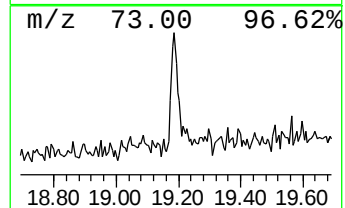
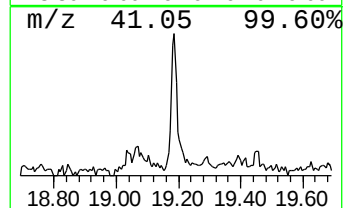
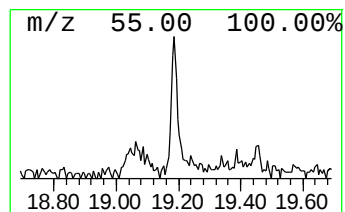
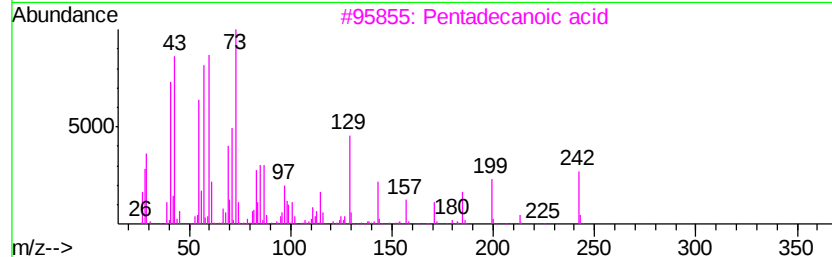
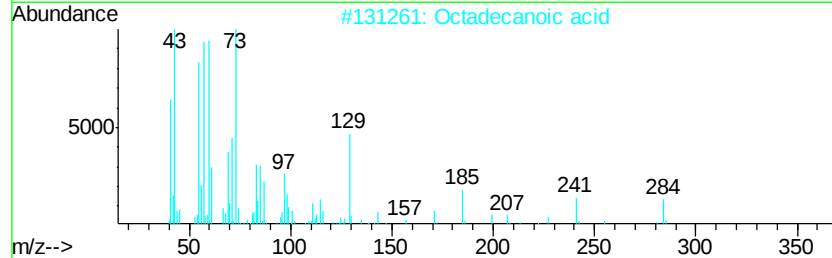
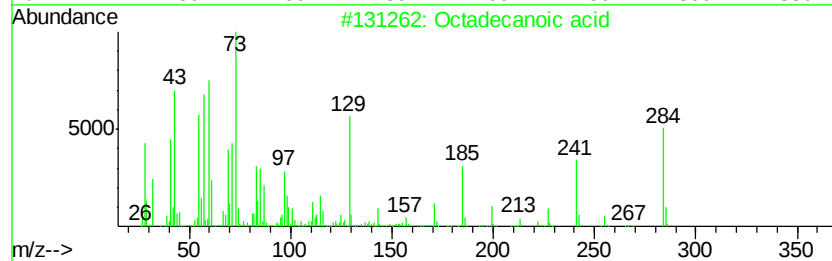
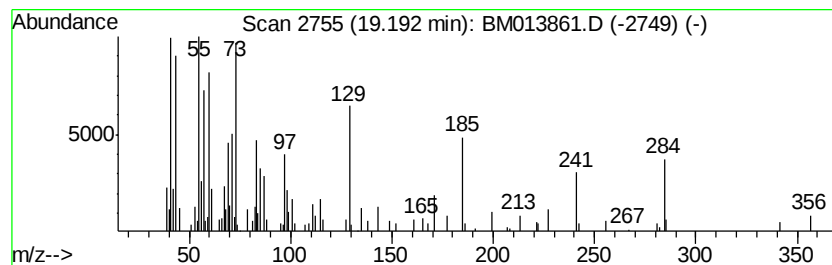
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.19 ng/ul	209722	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2		Octadecanoic acid	284	C18H36O2	000057-11-4	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4		Octadecanoic acid	284	C18H36O2	000057-11-4	53
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30



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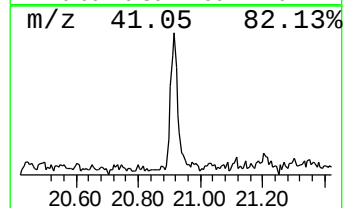
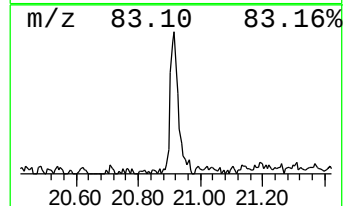
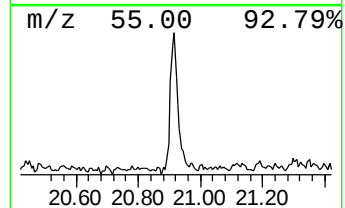
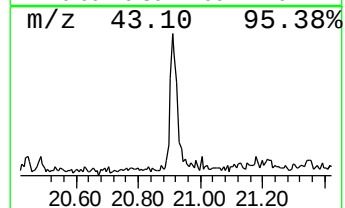
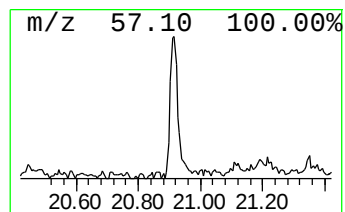
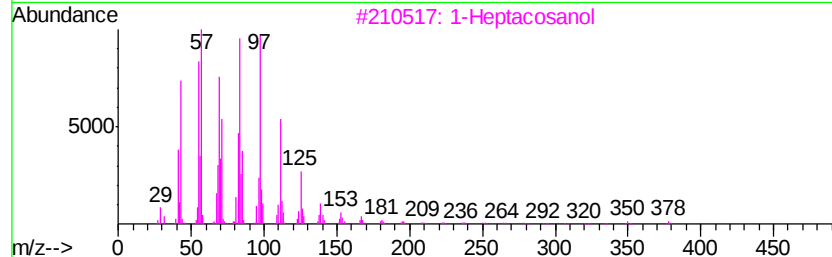
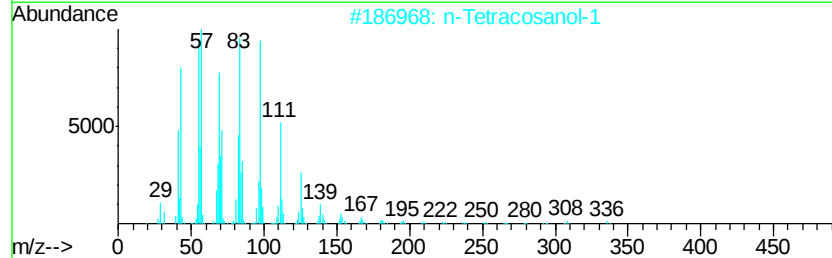
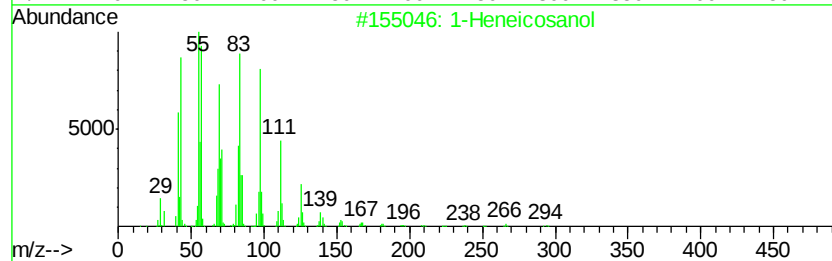
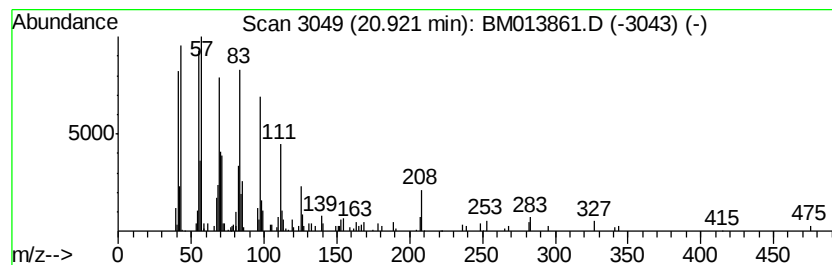
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.45 ng/ul	329983	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	91
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	91
3	1-Heptacosanol		396	C27H56O	002004-39-9	91
4	Bromoacetic acid, octadecyl ester		390	C20H39BrO2	018992-03-5	91
5	Nonadecyl trifluoroacetate		380	C21H39F3O2	1000351-76-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanone, 1-(4-hy...	15.88	2.6	ng/ul	196971	4	16.99	1529100	20.0
n-Hexadecanoic acid	17.90	4.5	ng/ul	340588	4	16.99	1529100	20.0
Octadecanoic acid	19.19	2.2	ng/ul	209722	5	21.19	1913630	20.0
1-Heneicosanol	20.92	3.5	ng/ul	329983	5	21.19	1913630	20.0