LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012262.D
Acq On : 17 Oct 2017 23:23
Operator : SJ/JU
Sample : I5664-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B72

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM101217.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	6.957	651	658	676	rBV2	695536	1497775	24.10%	2.454%
2	7.116	678	685	698	rVV	560639	929466	14.95%	1.523%
3	7.316	713	719	730	rBV	778860	1330531	21.41%	2.180%
4	7.787	791	799	809	rBV	739974	1297846	20.88%	2.127%
5	8.504	914	921	937	rBV	881056	1663179	26.76%	2.725%
6	8.957	991	998	1012	rBV	806151	1457855	23.45%	2.389%
7	9.681	1114	1121	1135	rBV	620625	1121299	18.04%	1.837%
8	10.216	1206	1212	1232	rBV	754344	1501360	24.15%	2.460%
9	10.586	1266	1275	1289	rBV	902457	1536827	24.72%	2.518%
10	10.733	1293	1300	1315	rBV	606280	1288426	20.73%	2.111%
11	11.910	1494	1500	1517	rBV	192485	369496	5.94%	0.605%
12	13.851	1821	1830	1834	rBV	1808558	2612068	42.02%	4.280%
13	13.898	1834	1838	1851	rVB	1354730	1952110	31.40%	3.199%
14	14.133	1872	1878	1892	rVB	1995393	3001129	48.28%	4.917%
15	14.310	1897	1908	1919	rBV3	38572	120015	1.93%	0.197%
16	14.439	1924	1930	1941	rVB2	1493602	2392145	38.48%	3.920%
17	14.674	1963	1970	1989	rBV	413651	1003487	16.14%	1.644%
18	15.433	2092	2099	2117	rBV	2575345	3840922	61.79%	6.293%
19	15.580	2119	2124	2136	rBV	600140	1045155	16.81%	1.713%
20	15.798	2154	2161	2175	rBV	1606065	2276207	36.62%	3.730%
21	17.186	2391	2397	2405	rBV2	2542275	3743182	60.22%	6.133%
22	17.292	2408	2415	2429	rVV	3425152	5099789	82.04%	8.356%
23	18.068	2542	2547	2558	rBV	655326	950576	15.29%	1.558%
24	19.227	2737	2744	2752	rBV3	86324	208746	3.36%	0.342%
25	19.345	2760	2764	2775	rBV	427517	688788	11.08%	1.129%
26	19.586	2799	2805	2814	rBV	4621844	6215937	100.00%	10.185%
27	21.056	3051	3055	3064	rBV	615640	804619	12.94%	1.318%
28	21.374	3104	3109	3117	rBV	3120798	4262571	68.57%	6.984%
29	22.409	3282	3285	3293	rVB3	185930	272948	4.39%	0.447%
30	23.521	3468	3474	3492	rVB2	1911973	3895353	62.67%	6.383%
31	23.668	3493	3499	3510	rVB	1338490	2650632	42.64%	4.343%

Sum of corrected areas: 61030439

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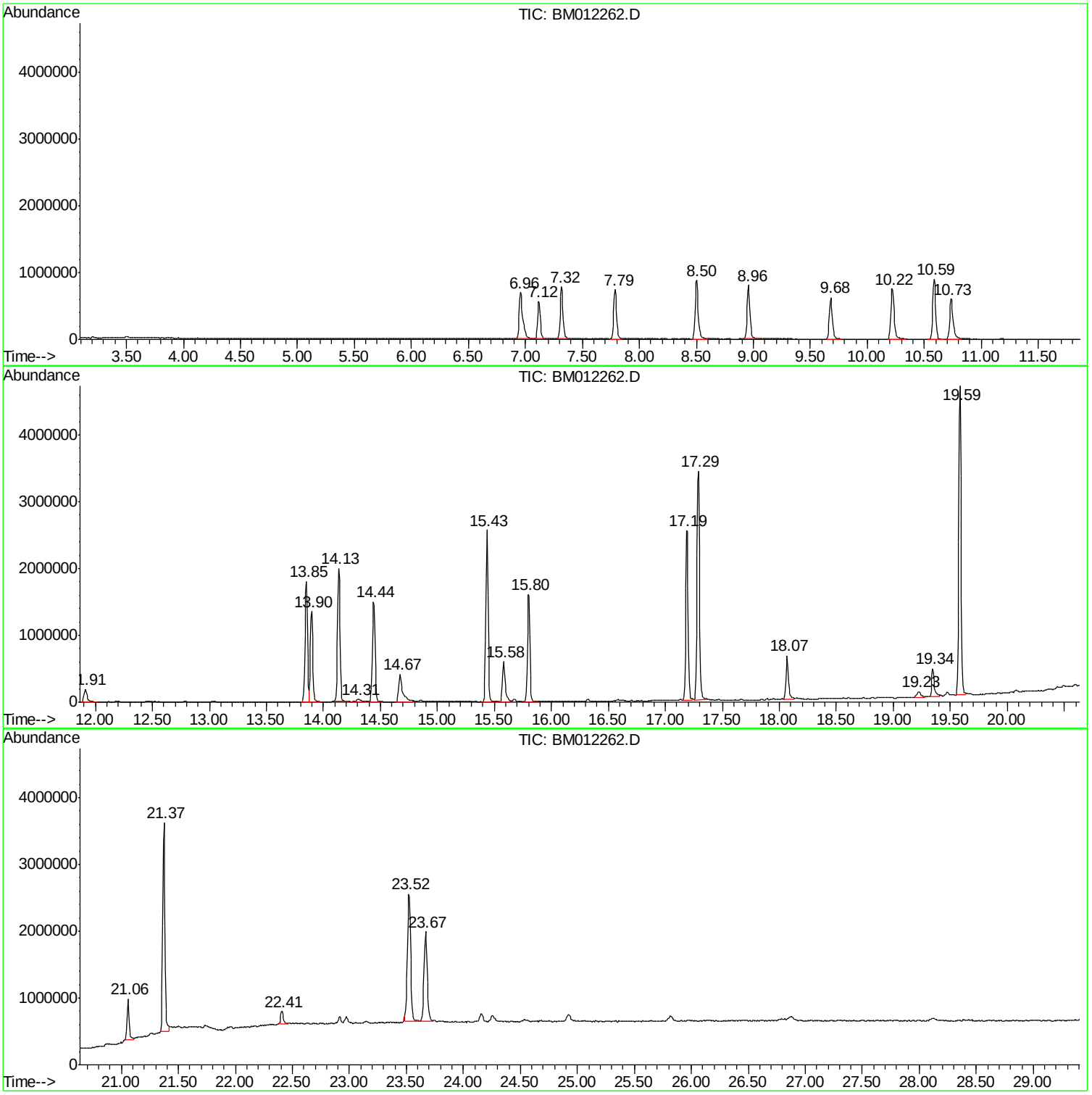
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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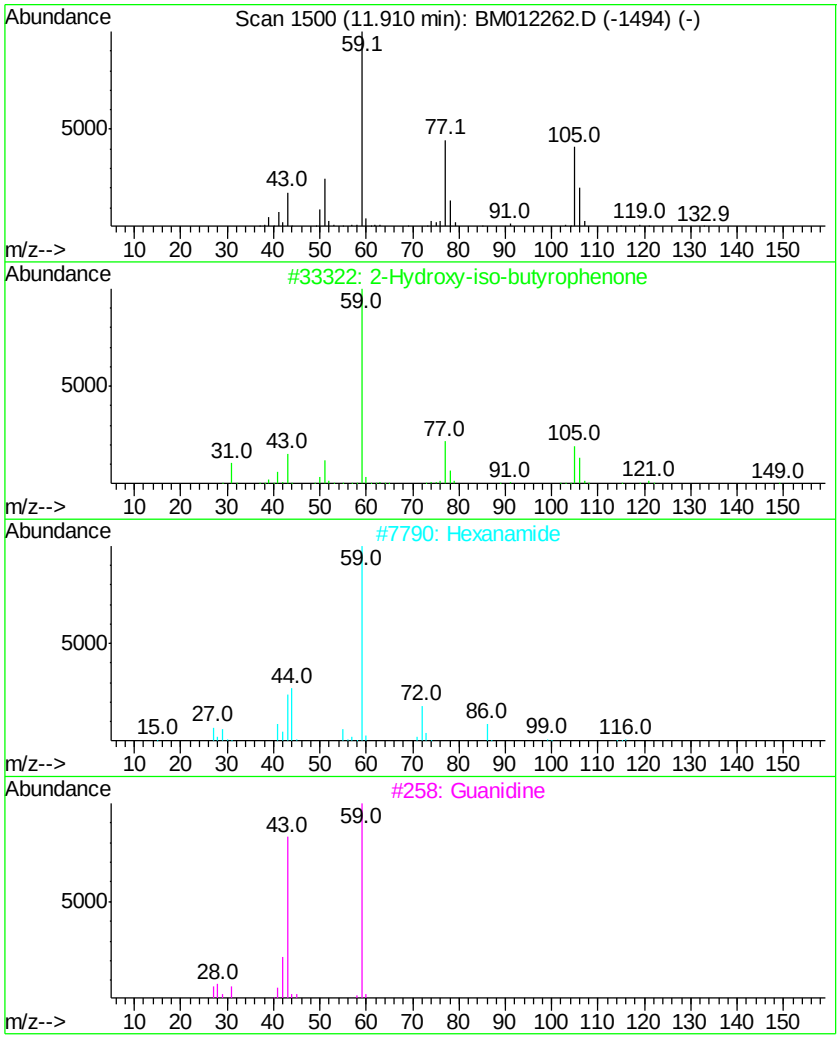
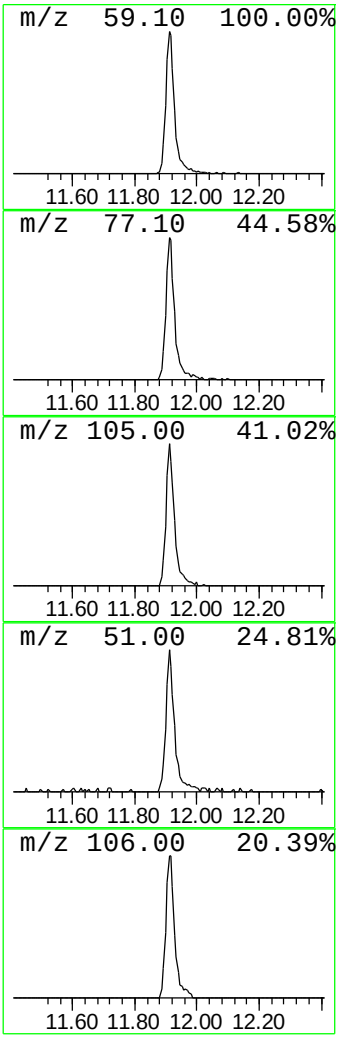
Peak Number 1 2-Hydroxy-iso-butyrophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	4.81 ng/ul	369496	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	59
2	Hexanamide	115	C6H13NO	000628-02-4	9
3	Guanidine	59	CH5N3	000113-00-8	9
4	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	9
5	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	9





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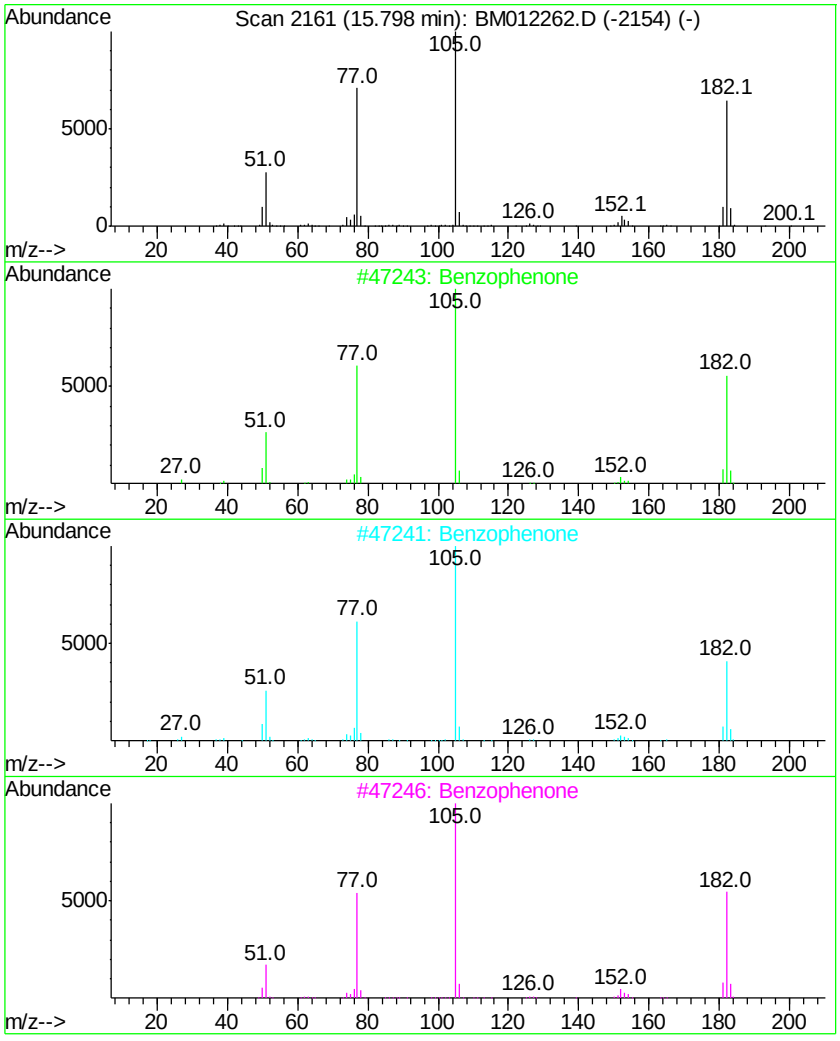
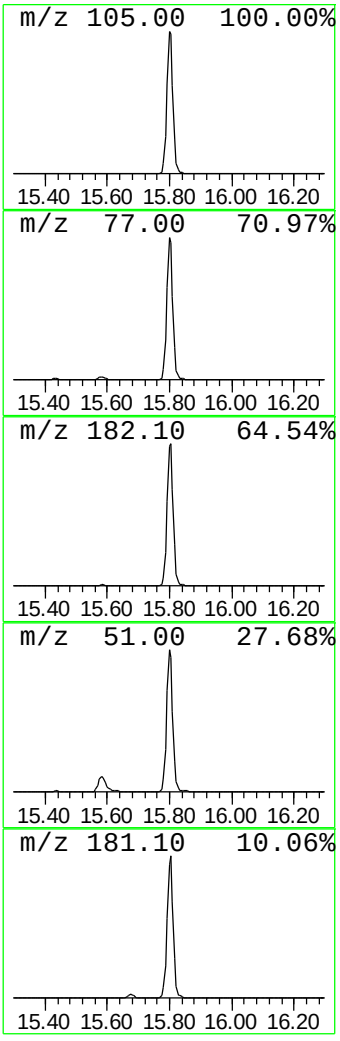
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	19.03 ng/ul	2276210	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	91





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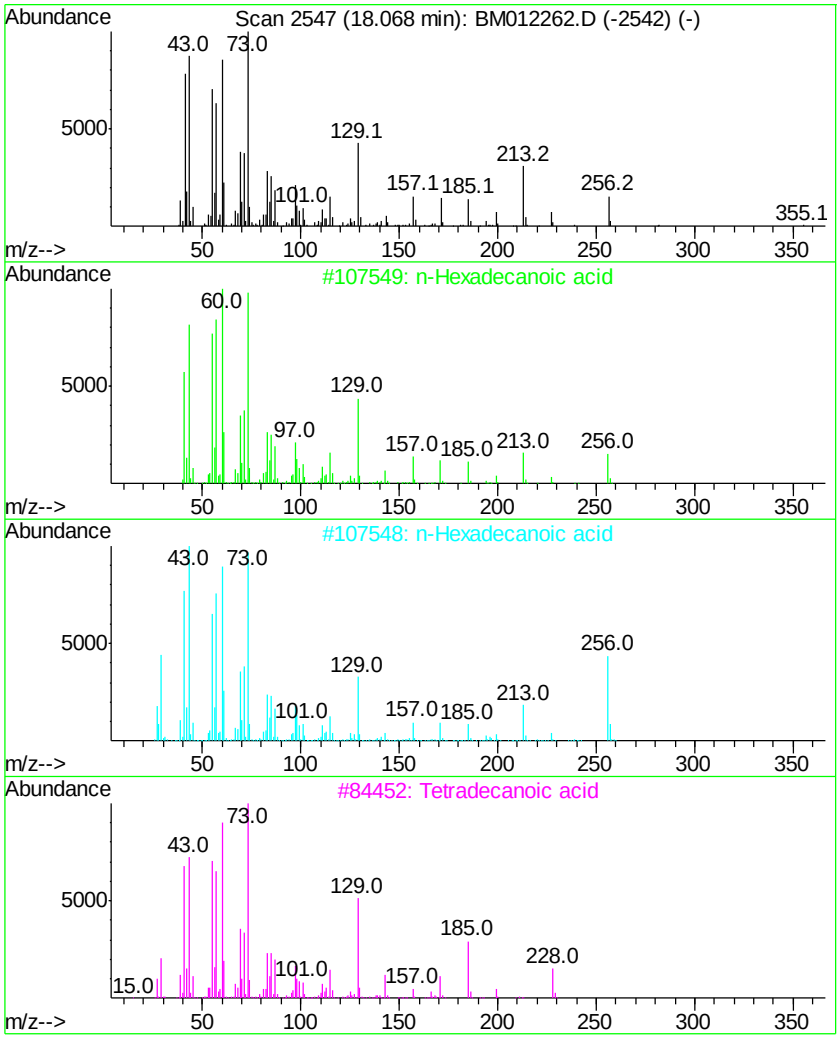
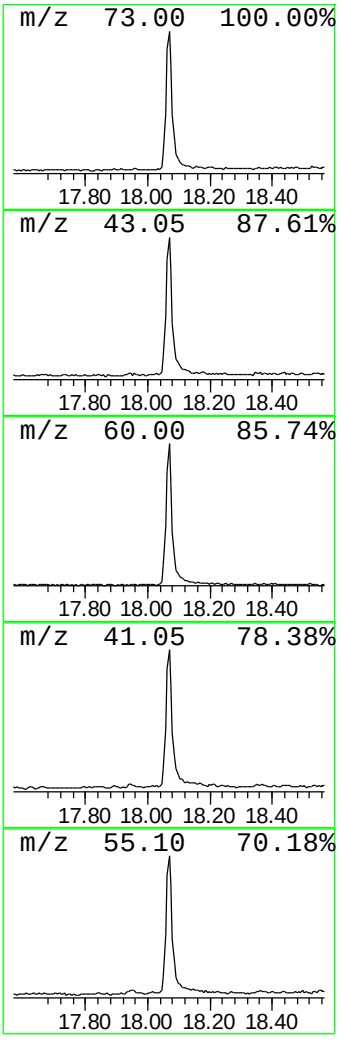
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.08 ng/ul	950576	Phenanthrene-d10	17.19

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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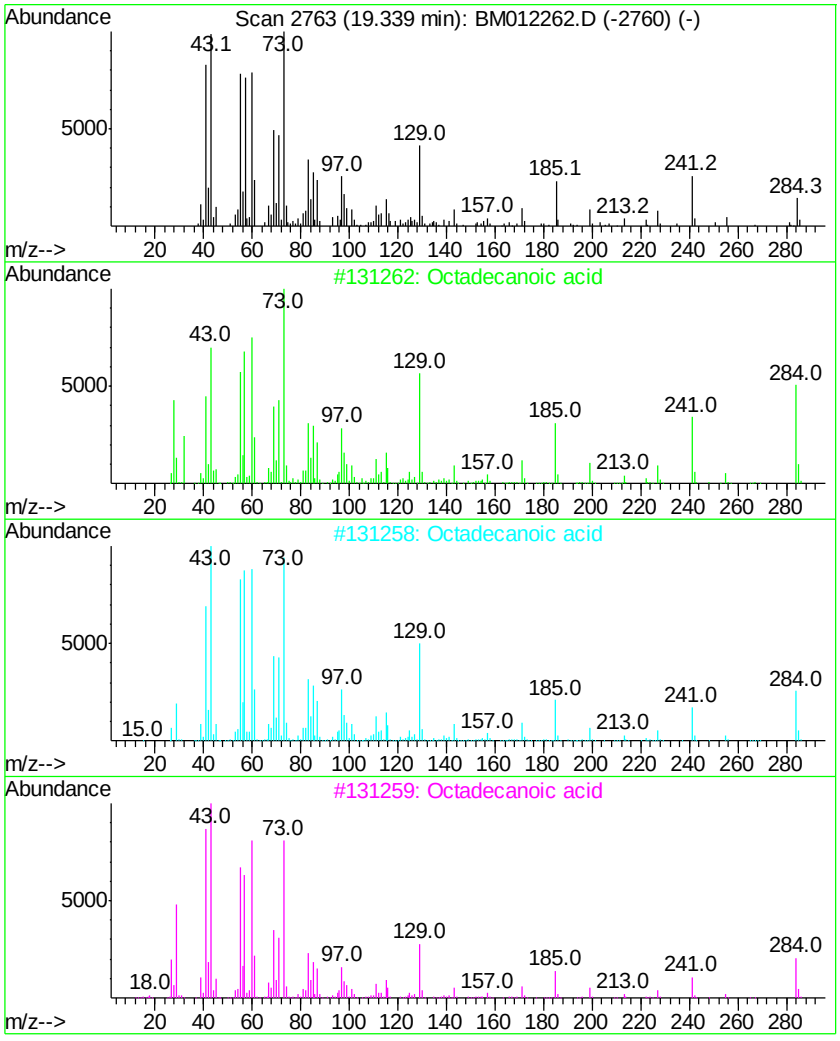
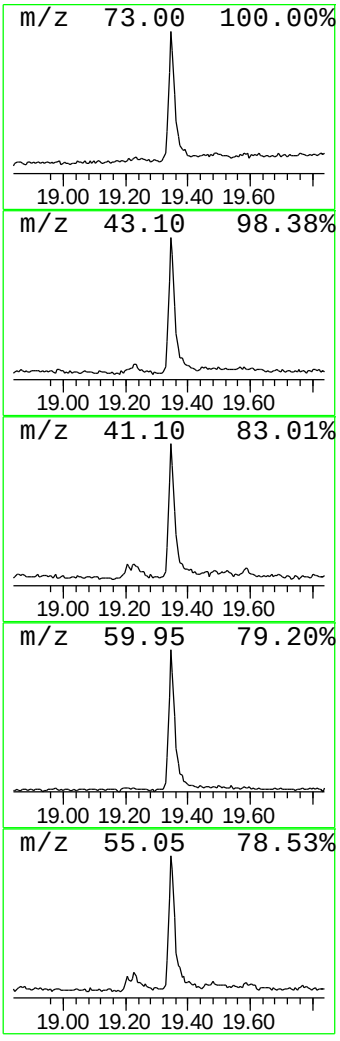
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	3.23 ng/ul	688788	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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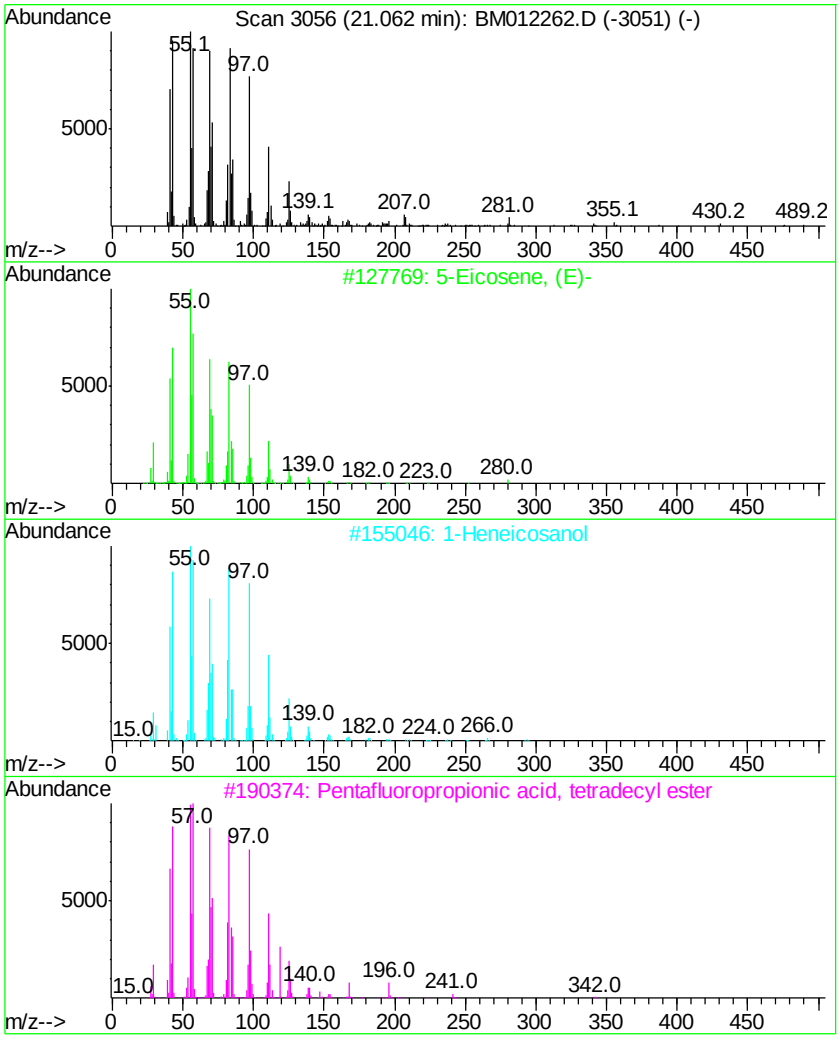
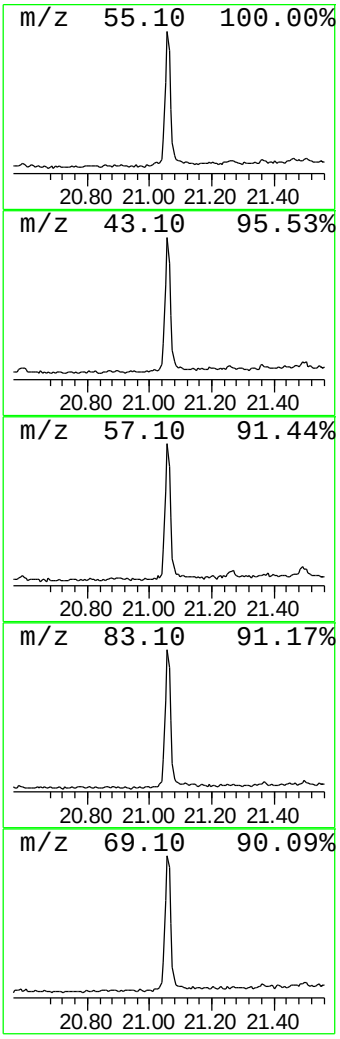
Peak Number 5 (DEL) Alkane: Cyclic21.06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.78 ng/ul	804619	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Hydroxy-iso-but...	11.91	4.8	ng/ul	369496	2	10.59	1536830	20.0
Benzophenone	15.80	19.0	ng/ul	2276210	3	14.44	2392150	20.0
n-Hexadecanoic acid	18.07	5.1	ng/ul	950576	4	17.19	3743180	20.0
Octadecanoic acid	19.34	3.2	ng/ul	688788	5	21.37	4262570	20.0
(DEL) Alkane: Cyc...	21.06	3.8	ng/ul	804619	5	21.37	4262570	20.0