LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013693.D
Acq On : 22 Jan 2018 14:37
Operator : SJ/JU
Sample : J1222-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A39

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-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	35	rVB	35105	42836	1.14%	0.114%
2	6.792	639	647	663	rBV2	609895	1148602	30.44%	3.044%
3	6.957	668	675	686	rVV	468708	729964	19.34%	1.935%
4	7.145	700	707	718	rBV	684440	1053657	27.92%	2.792%
5	7.610	779	786	796	rBV	473477	757086	20.06%	2.006%
6	8.322	900	907	920	rBV	769837	1260284	33.40%	3.340%
7	8.769	976	983	991	rBV	632701	1062784	28.16%	2.817%
8	9.480	1098	1104	1115	rBV	534409	913376	24.20%	2.421%
9	10.016	1188	1195	1205	rBV	738640	1292391	34.25%	3.425%
10	10.386	1250	1258	1265	rBV	599374	1000035	26.50%	2.650%
11	10.533	1276	1283	1300	rBV	659413	1204062	31.91%	3.191%
12	11.722	1478	1485	1496	rBV	97194	192211	5.09%	0.509%
13	13.680	1812	1818	1822	rBV	1295138	1813180	48.05%	4.805%
14	13.727	1822	1826	1835	rVB	387892	555411	14.72%	1.472%
15	13.951	1856	1864	1874	rBV	1525749	2233173	59.18%	5.918%
16	14.263	1910	1917	1926	rBV2	821997	1254311	33.24%	3.324%
17	14.486	1948	1955	1971	rBV	402815	774028	20.51%	2.051%
18	15.262	2080	2087	2095	rBV	1841492	2636686	69.87%	6.988%
19	15.398	2104	2110	2123	rBV	477707	747466	19.81%	1.981%
20	15.633	2145	2150	2158	rBV	708846	933130	24.73%	2.473%
21	17.015	2379	2385	2393	rVB2	1149760	1580787	41.89%	4.189%
22	17.115	2395	2402	2416	rBV2	2026831	2903343	76.94%	7.694%
23	17.921	2534	2539	2547	rBV2	133399	195384	5.18%	0.518%
24	19.050	2727	2731	2735	rBV4	24554	38949	1.03%	0.103%
25	19.209	2754	2758	2763	rBV4	48460	74100	1.96%	0.196%
26	19.415	2787	2793	2803	rBV	2571018	3416850	90.54%	9.055%
27	20.939	3046	3052	3061	rBV2	211628	371531	9.85%	0.985%
28	21.215	3093	3099	3105	rBV	1389855	1880820	49.84%	4.985%
29	23.274	3442	3449	3459	rBV2	1972540	3773698	100.00%	10.001%
30	23.409	3466	3472	3483	rVB	1008170	1893096	50.17%	5.017%

Sum of corrected areas: 37733231

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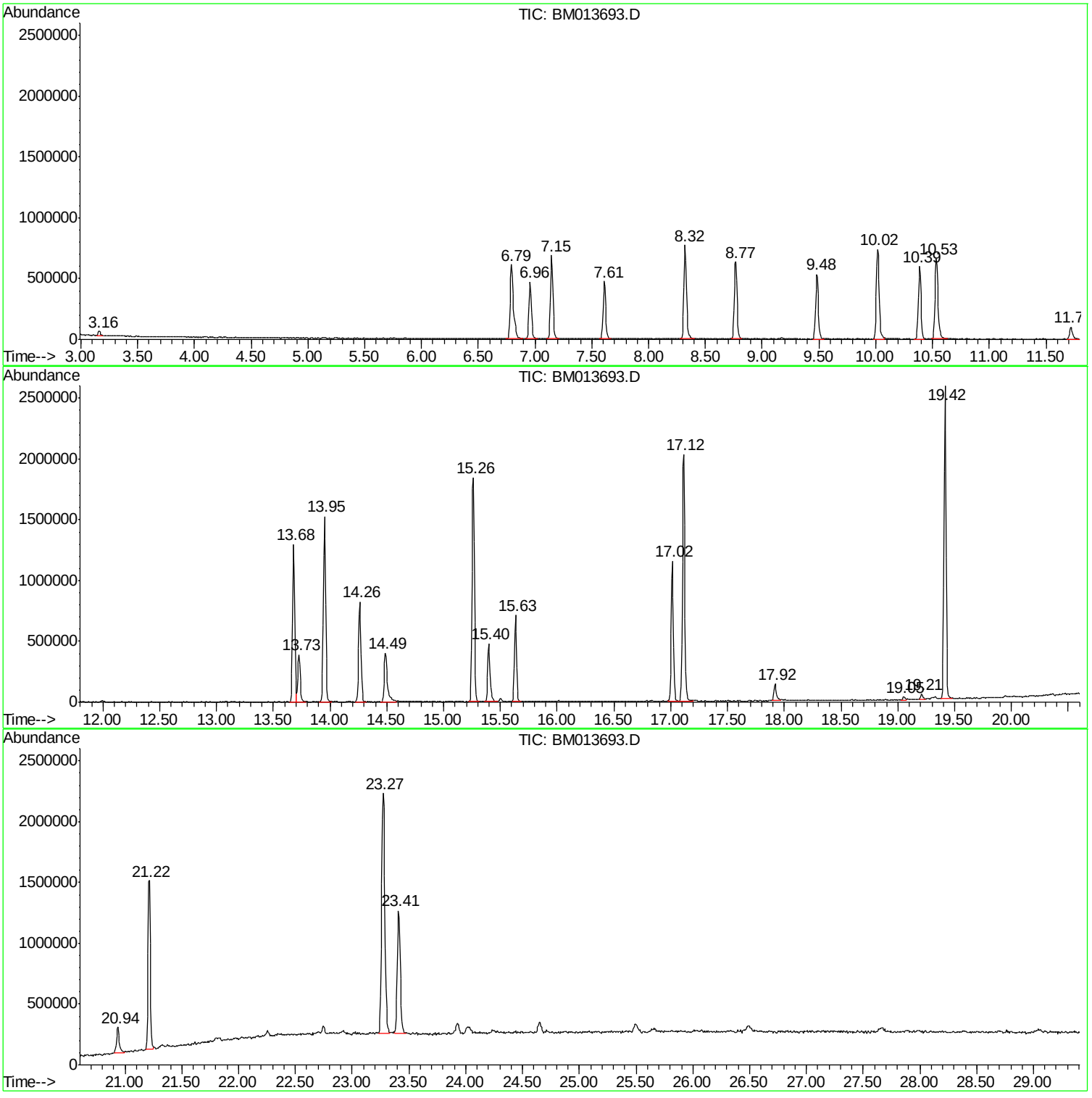
Instrument :
BNA_M
ClientSampleId :
F6A39

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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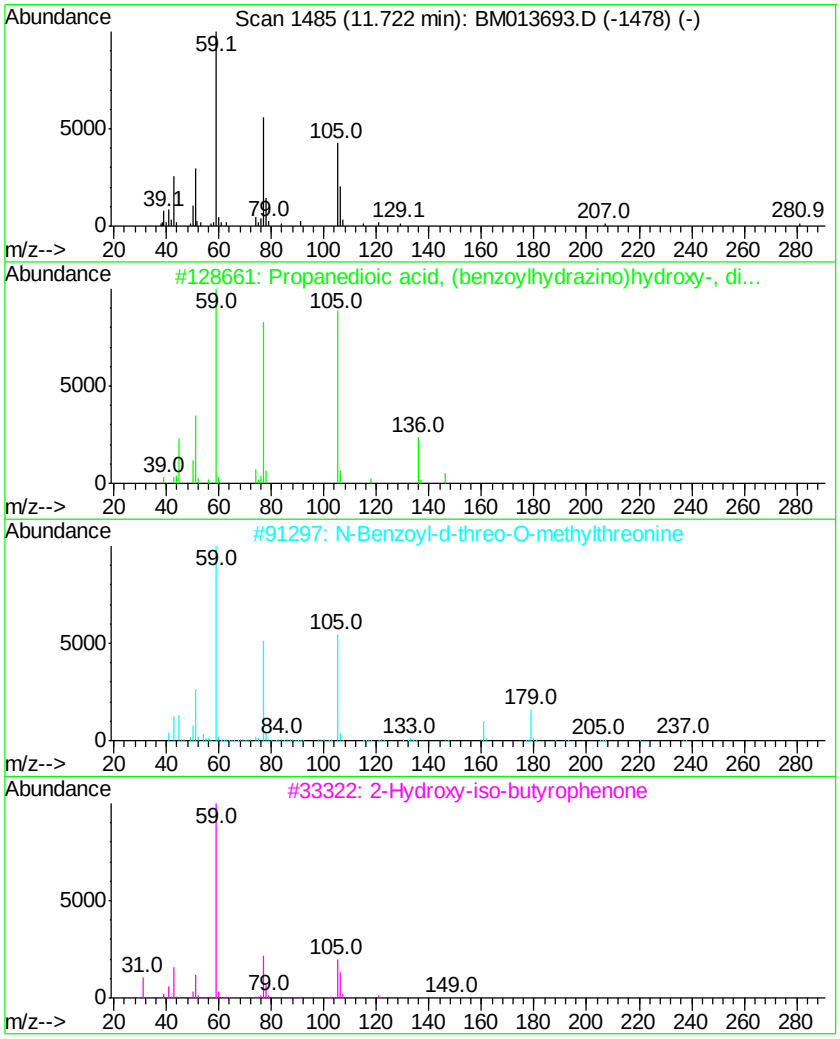
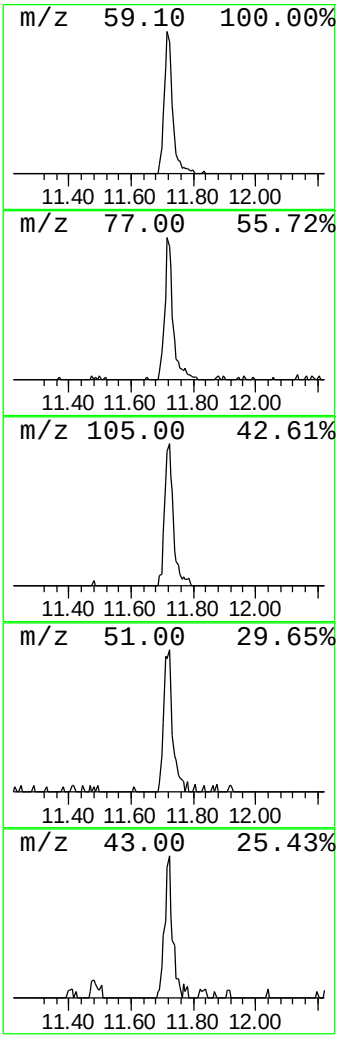
Peak Number 1 Propanedioic acid, (benzoyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.84 ng/ul	192211	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	72
2	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	64
3	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	50
4	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	35
5	Acetamide, 2-phenoxy-N-(4-benzoy...	346	C21H18N2O3	312755-44-5	25





Library Search Compound Report

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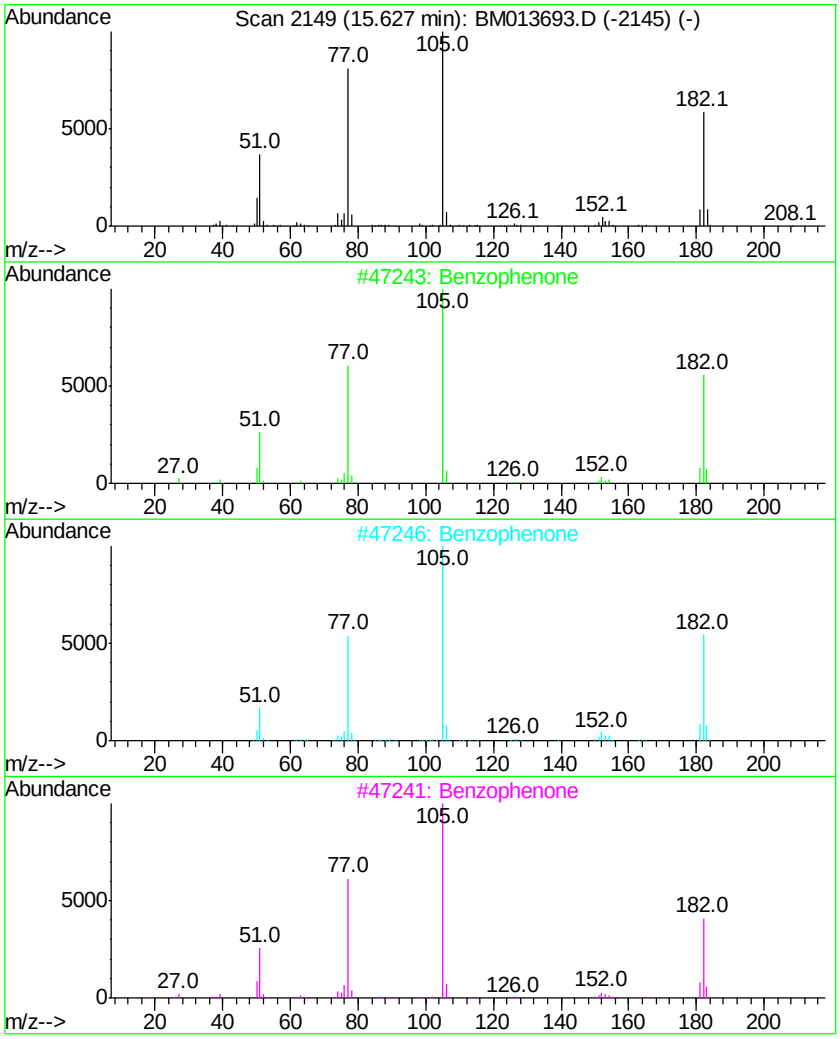
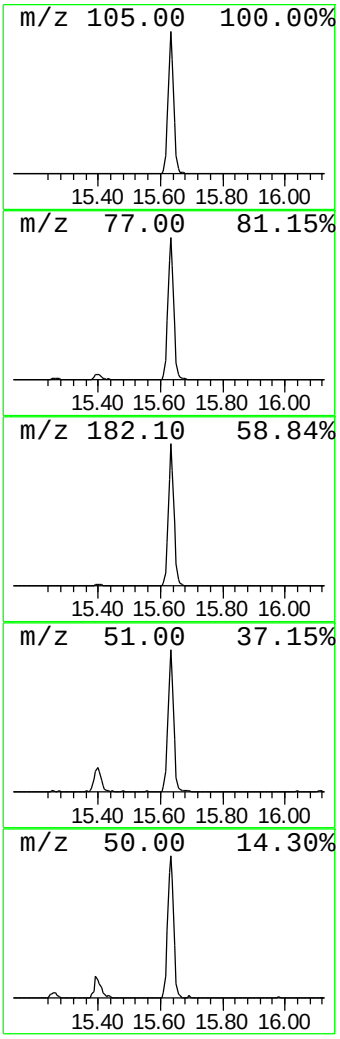
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	14.88 ng/ul	933130	Acenaphthene-d10	14.26

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	94
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	91





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Instrument : BNA_M
ClientSampleId : F6A39

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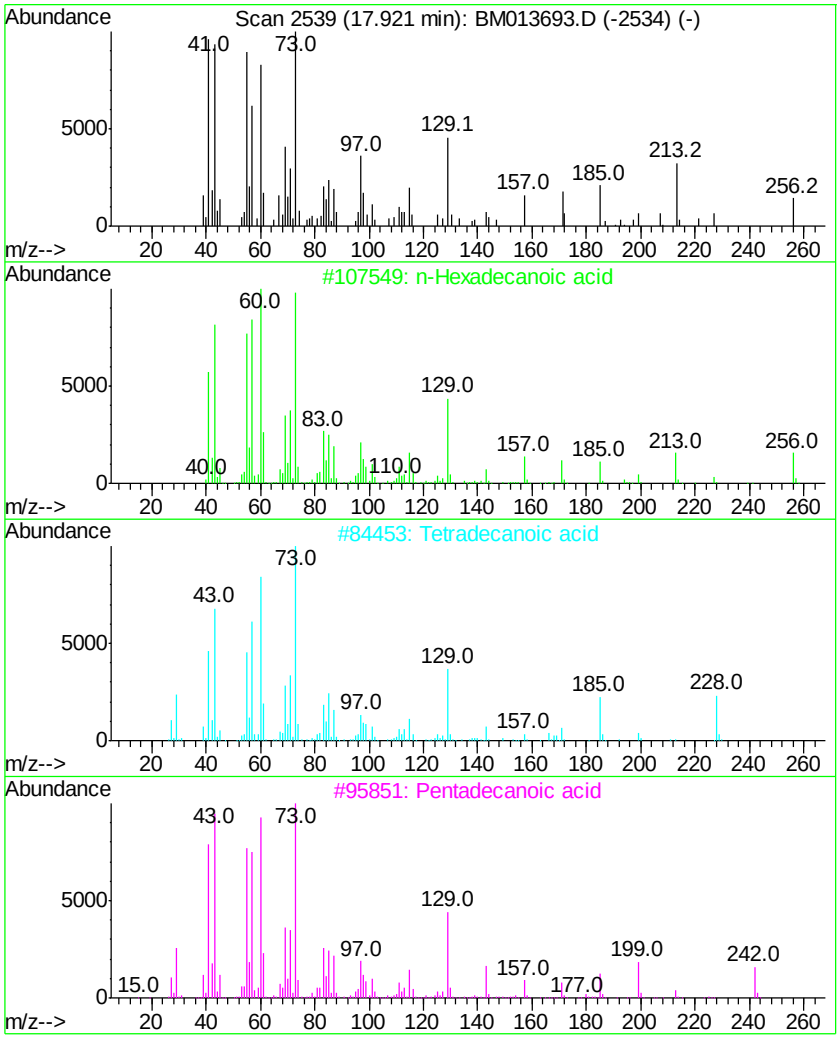
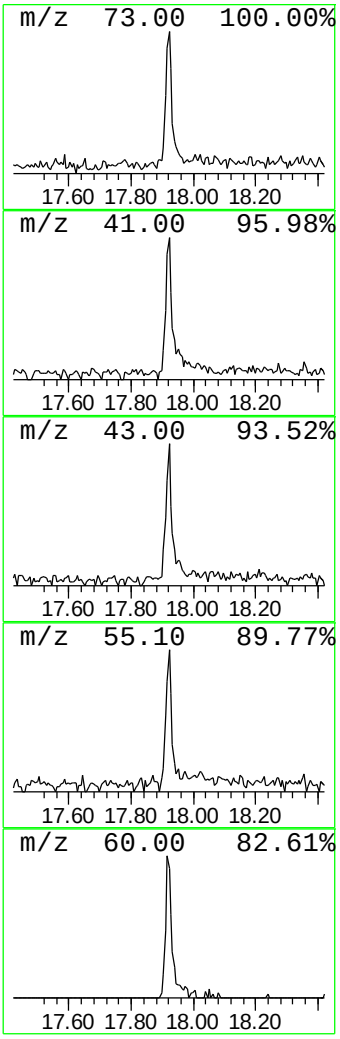
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.47 ng/ul	195384	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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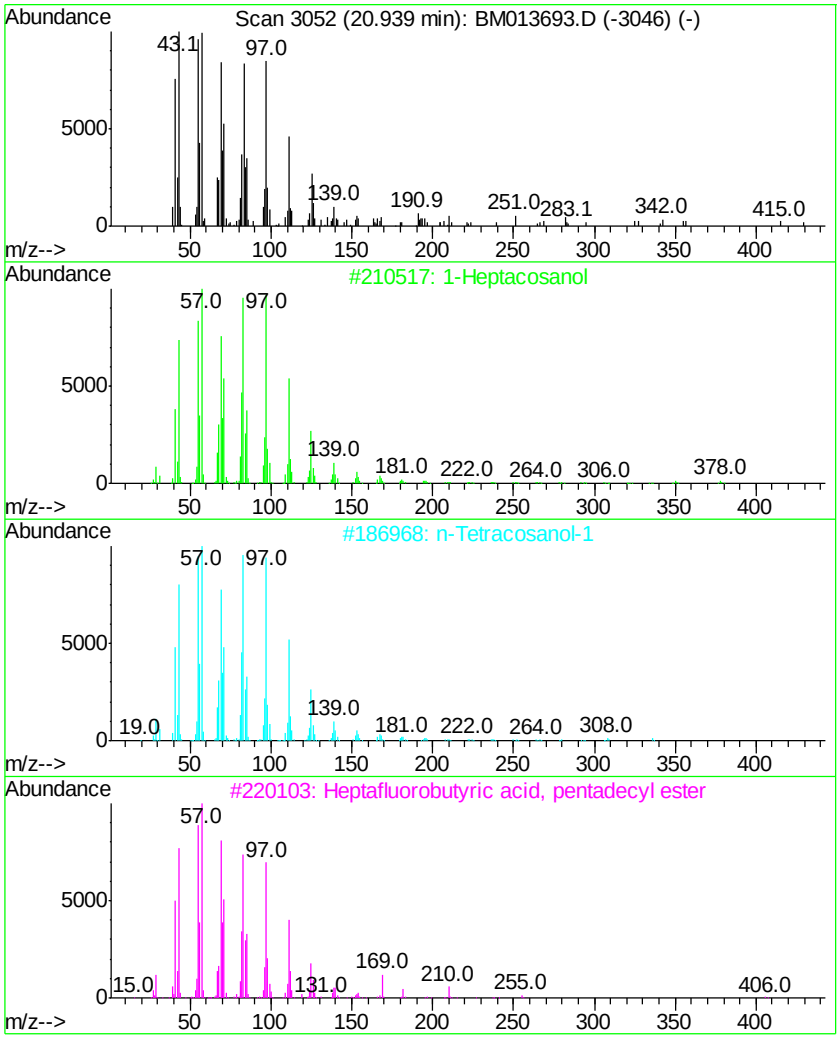
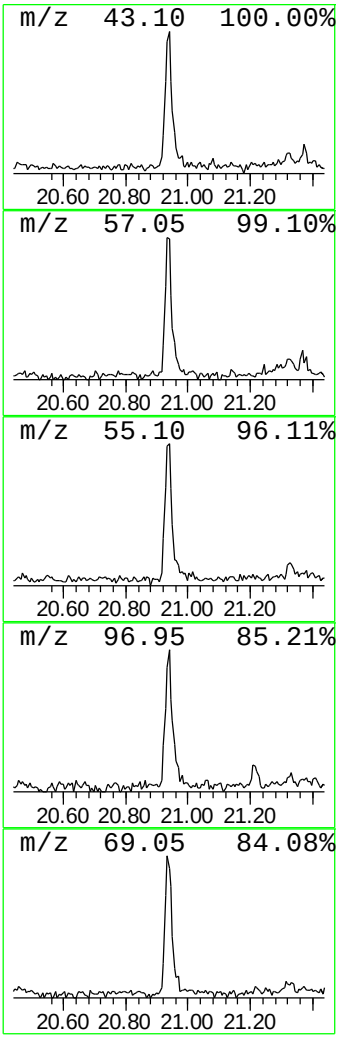
Peak Number 4 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.95 ng/ul	371531	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A39

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanedioic acid...	11.72	3.8	ng/ul	192211	2	10.39	1000040	20.0
Benzophenone	15.63	14.9	ng/ul	933130	3	14.26	1254310	20.0
n-Hexadecanoic acid	17.92	2.5	ng/ul	195384	4	17.02	1580790	20.0
1-Heptacosanol	20.94	4.0	ng/ul	371531	5	21.22	1880820	20.0