LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013696.D
Acq On : 22 Jan 2018 16:25
Operator : SJ/JU
Sample : J1222-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A37

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	3.158	26	29	33	rVB2	36641	45591	1.16%	0.111%
2	6.793	640	647	660	rBV2	684539	1263823	32.21%	3.063%
3	6.958	667	675	687	rVB	513240	785580	20.02%	1.904%
4	7.146	700	707	717	rBV	740431	1144957	29.18%	2.775%
5	7.610	778	786	794	rBV	518532	834116	21.26%	2.022%
6	8.322	898	907	918	rBV2	862208	1399955	35.68%	3.393%
7	8.769	976	983	991	rVB	700244	1151128	29.34%	2.790%
8	9.481	1095	1104	1112	rBV	597562	993643	25.33%	2.408%
9	10.016	1185	1195	1211	rBV	829457	1454602	37.07%	3.526%
10	10.387	1250	1258	1268	rBV	687396	1118633	28.51%	2.711%
11	10.534	1275	1283	1293	rBV	729851	1326483	33.81%	3.215%
12	11.716	1478	1484	1490	rBV	98394	175628	4.48%	0.426%
13	13.681	1812	1818	1822	rBV	1470355	2031345	51.77%	4.924%
14	13.728	1822	1826	1833	rVB	478225	658218	16.78%	1.595%
15	13.951	1857	1864	1875	rBV	1706483	2480583	63.22%	6.013%
16	14.263	1910	1917	1925	rVB2	966313	1417006	36.12%	3.435%
17	14.486	1949	1955	1969	rBV	498562	906509	23.10%	2.197%
18	15.098	2056	2059	2067	rVB	31102	41707	1.06%	0.101%
19	15.263	2080	2087	2095	rBV	2002455	2901446	73.95%	7.033%
20	15.398	2103	2110	2124	rBV2	570068	862414	21.98%	2.090%
21	15.633	2143	2150	2161	rBV	683342	907828	23.14%	2.200%
22	17.016	2375	2385	2391	rBV	1287659	1775094	45.24%	4.303%
23	17.116	2395	2402	2410	rVV2	2124092	3113339	79.35%	7.546%
24	17.922	2534	2539	2547	rBV2	169881	257032	6.55%	0.623%
25	19.057	2726	2732	2736	rBV3	24137	43774	1.12%	0.106%
26	19.210	2754	2758	2764	rBV6	55482	83066	2.12%	0.201%
27	19.416	2787	2793	2801	rBV	2824222	3648955	93.00%	8.845%
28	20.933	3047	3051	3059	rBV3	232199	335036	8.54%	0.812%
29	21.215	3093	3099	3107	rBV	1555258	2123987	54.13%	5.148%
30	23.274	3442	3449	3459	rVB2	2096044	3923513	100.00%	9.510%
31	23.409	3466	3472	3483	rVB2	1067591	2051204	52.28%	4.972%

Sum of corrected areas: 41256195

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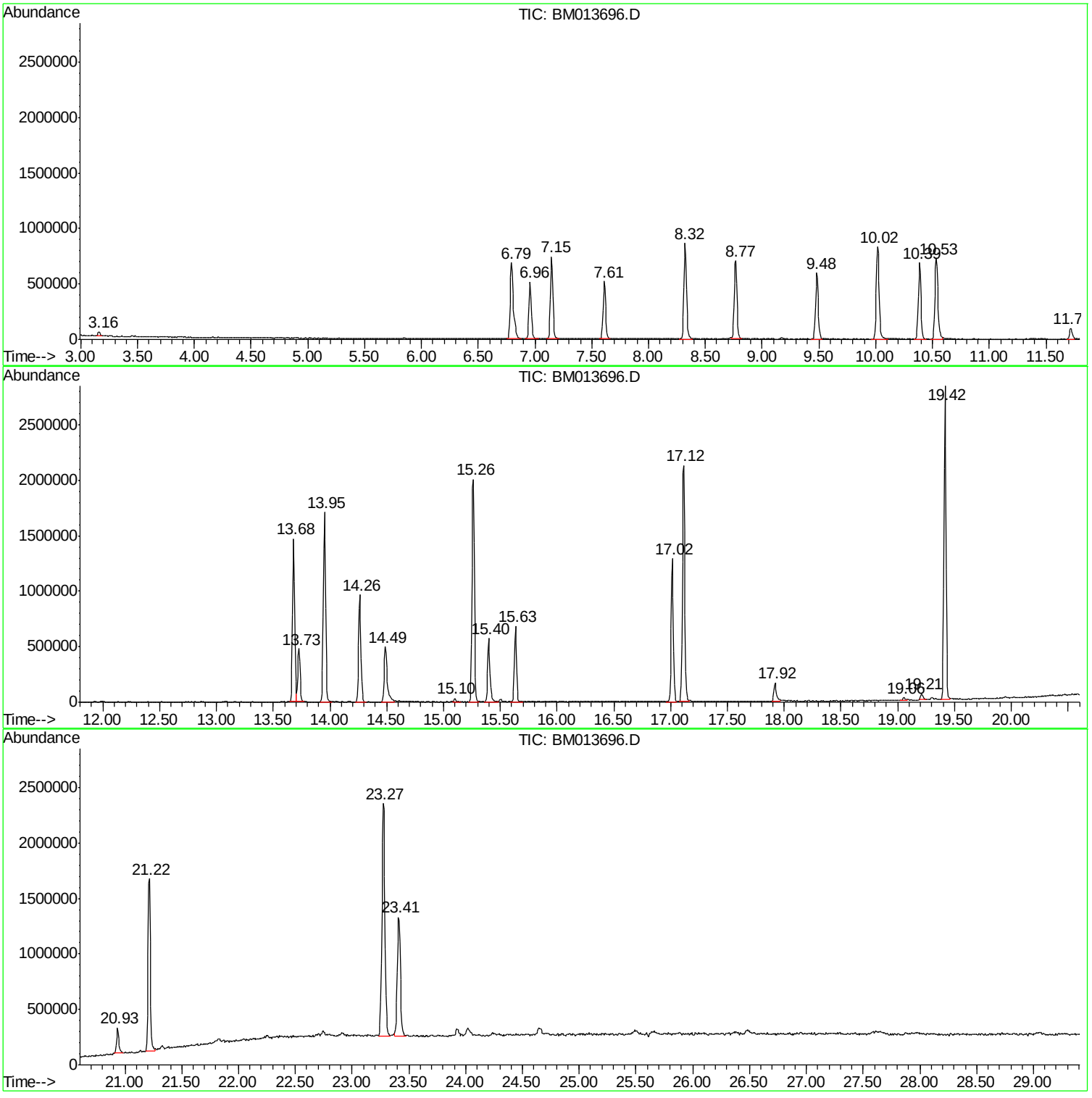
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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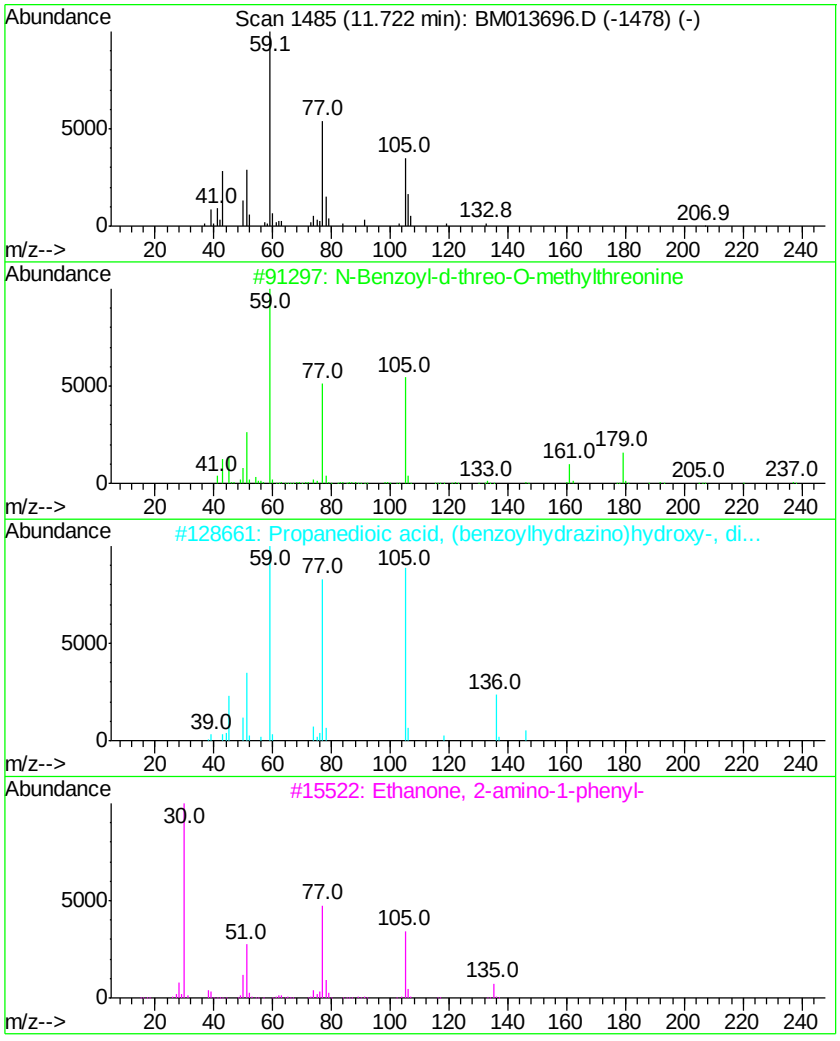
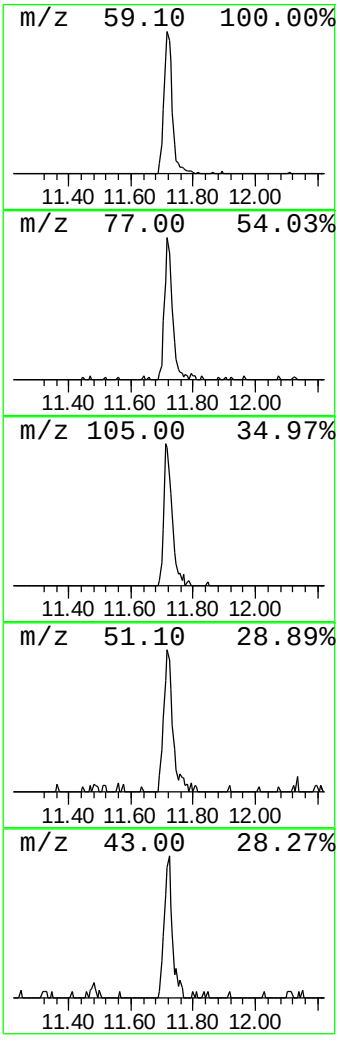
Peak Number 1 N-Benzoyl-d-threo-O-methylt... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.14 ng/ul	175628	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	50
2	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	38
3	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	35
4	Benzene, nitroso-	107	C6H5NO	000586-96-9	27
5	Benzaldehyde	106	C7H6O	000100-52-7	25





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Instrument : BNA_M
ClientSampleId : F6A37

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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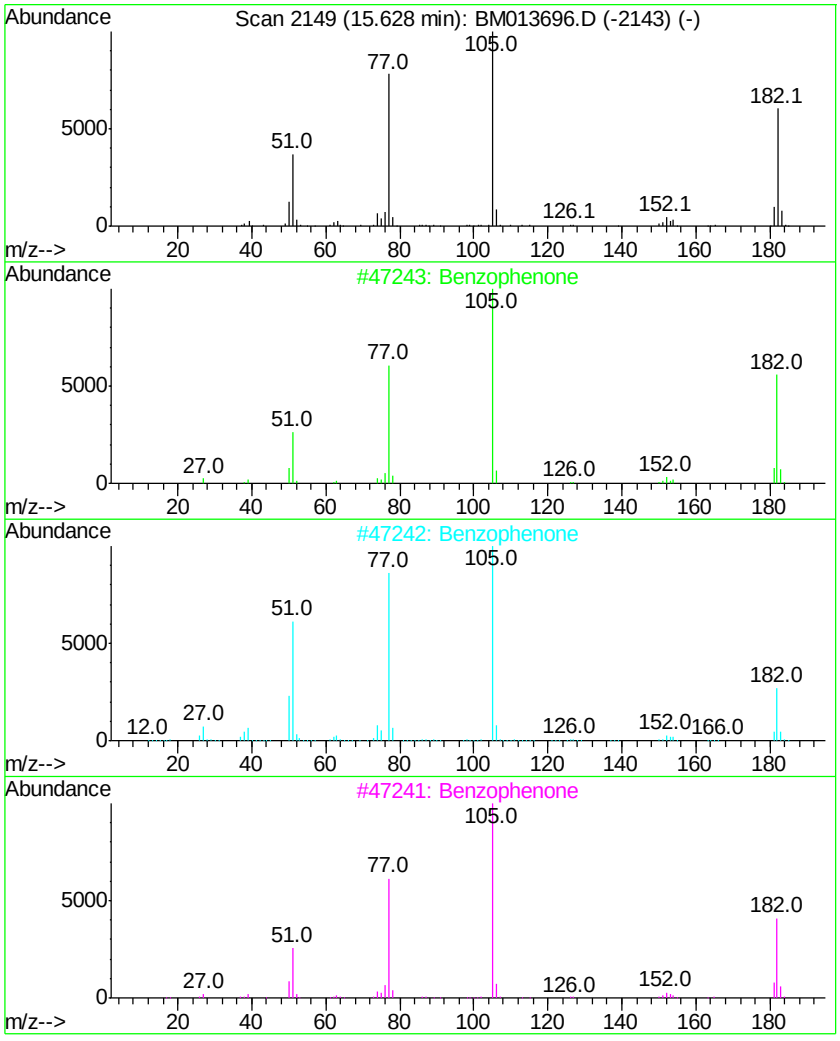
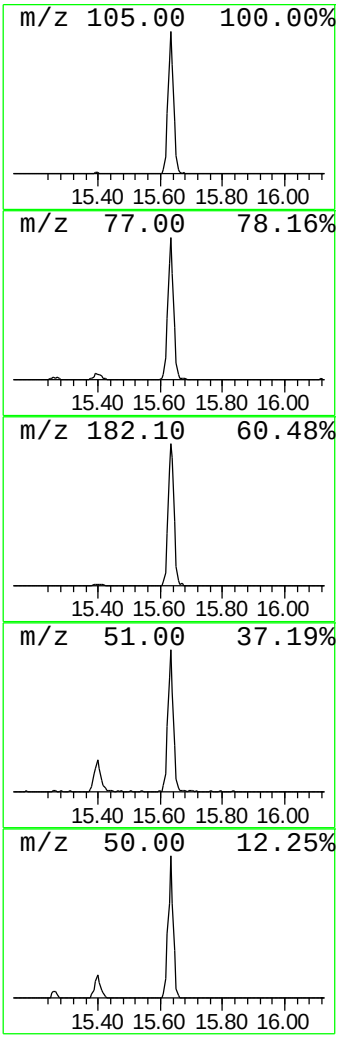
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	12.81 ng/ul	907828	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	95
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	90





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Instrument : BNA_M
ClientSampleId : F6A37

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
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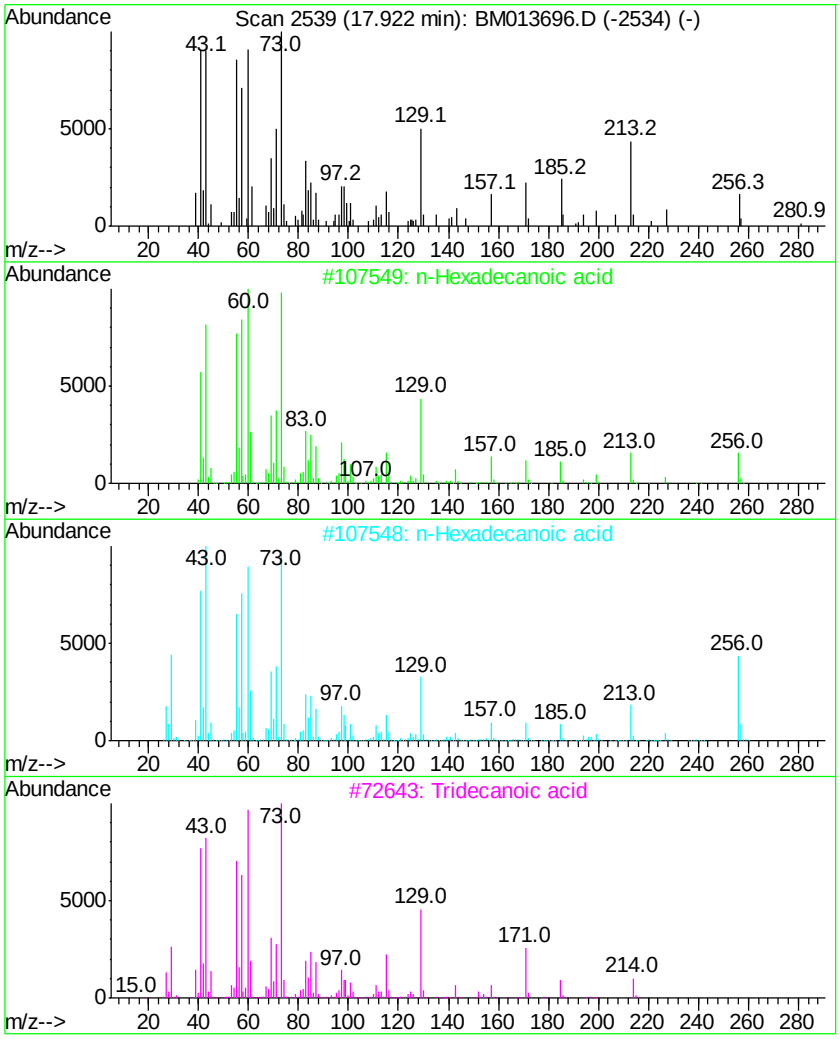
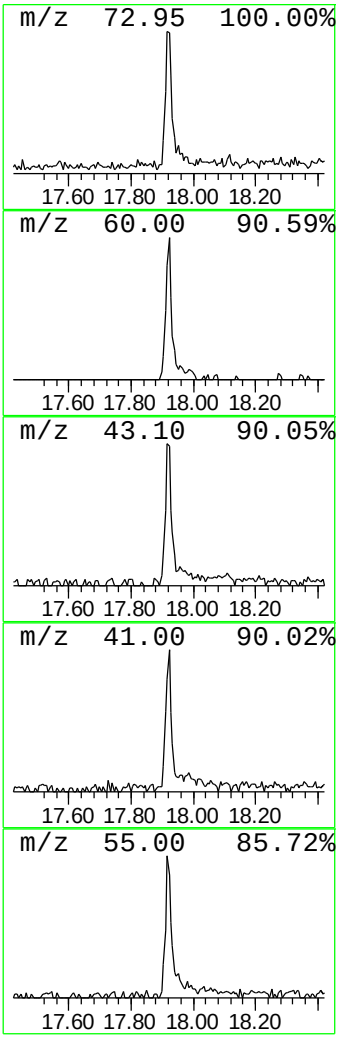
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.90 ng/ul	257032	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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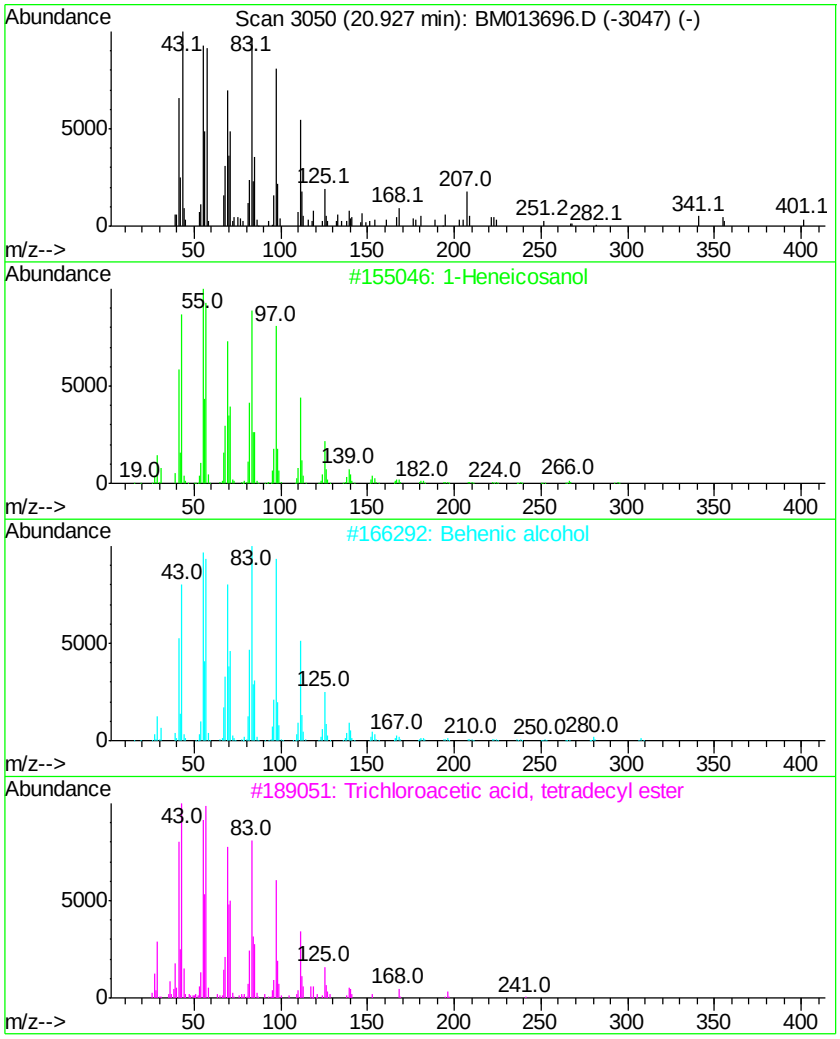
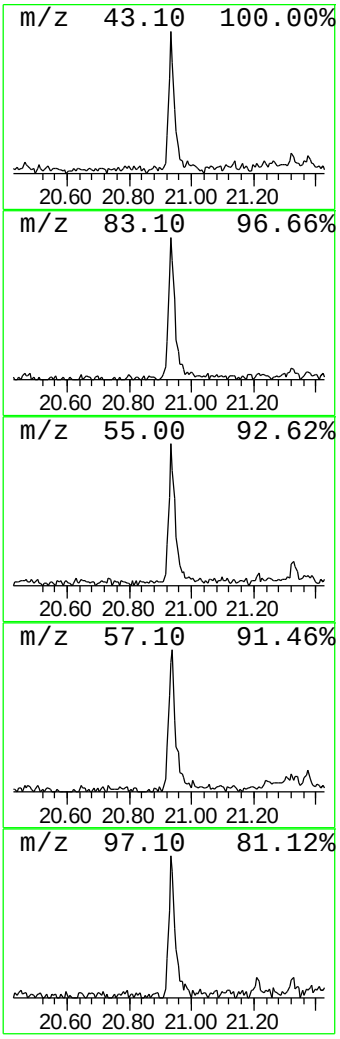
Peak Number 4 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.15 ng/ul	335036	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87





Tentatively Identified Compound (LSC) summary

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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A37

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
N-Benzoyl-d-threo...	11.72	3.1	ng/ul	175628	2	10.39	1118630	20.0
Benzophenone	15.63	12.8	ng/ul	907828	3	14.26	1417010	20.0
n-Hexadecanoic acid	17.92	2.9	ng/ul	257032	4	17.02	1775090	20.0
1-Heneicosanol	20.93	3.1	ng/ul	335036	5	21.22	2123990	20.0