LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013832.D
Acq On : 26 Jan 2018 06:53
Operator : SJ/JU
Sample : J1233-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B04

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	3.146	24	27	31	rVB	46285	47226	1.22%	0.094%
2	6.775	638	644	658	rBV	840223	1480463	38.23%	2.950%
3	6.934	665	671	680	rVB	620135	949871	24.53%	1.893%
4	7.128	696	704	715	rBV	884488	1402144	36.21%	2.794%
5	7.587	774	782	791	rBV	689463	1104067	28.51%	2.200%
6	8.304	897	904	916	rBV	1029087	1704820	44.03%	3.397%
7	8.745	972	979	990	rBV	844190	1382701	35.71%	2.756%
8	9.457	1093	1100	1112	rBV	708655	1228082	31.72%	2.447%
9	9.998	1184	1192	1208	rBV	1007537	1788089	46.18%	3.563%
10	10.363	1244	1254	1262	rBV	851811	1385893	35.79%	2.762%
11	10.516	1272	1280	1296	rBV	858959	1587936	41.01%	3.165%
12	11.692	1474	1480	1490	rBV	250871	451173	11.65%	0.899%
13	13.663	1809	1815	1819	rBV	1712603	2404320	62.09%	4.791%
14	13.710	1819	1823	1831	rVB	1067730	1432803	37.00%	2.855%
15	13.933	1853	1861	1869	rBV	1927560	2870456	74.13%	5.720%
16	14.239	1905	1913	1921	rBV2	1146525	1723112	44.50%	3.434%
17	14.480	1948	1954	1972	rBV	421962	935114	24.15%	1.864%
18	15.239	2077	2083	2090	rBV	2284076	3298627	85.19%	6.574%
19	15.380	2102	2107	2118	rBV	575869	917240	23.69%	1.828%
20	15.615	2140	2147	2159	rVB	2543056	3271793	84.49%	6.520%
21	16.992	2376	2381	2387	rBV	1290959	1852065	47.83%	3.691%
22	17.092	2392	2398	2410	rVB2	2434536	3442391	88.90%	6.860%
23	17.904	2531	2536	2547	rBV	420576	606554	15.66%	1.209%
24	19.039	2724	2729	2732	rBV3	44420	70934	1.83%	0.141%
25	19.192	2750	2755	2763	rBV	183463	278227	7.19%	0.554%
26	19.398	2784	2790	2798	rBV	2901210	3855814	99.58%	7.684%
27	20.915	3044	3048	3053	rVB	464840	619834	16.01%	1.235%
28	21.197	3091	3096	3103	rBV	1614743	2205476	56.96%	4.395%
29	23.250	3438	3445	3453	rVB2	2042849	3872230	100.00%	7.717%
30	23.386	3462	3468	3477	rVB2	1036941	2009524	51.90%	4.005%

Sum of corrected areas: 50178979

LSC Report - Integrated Chromatogram

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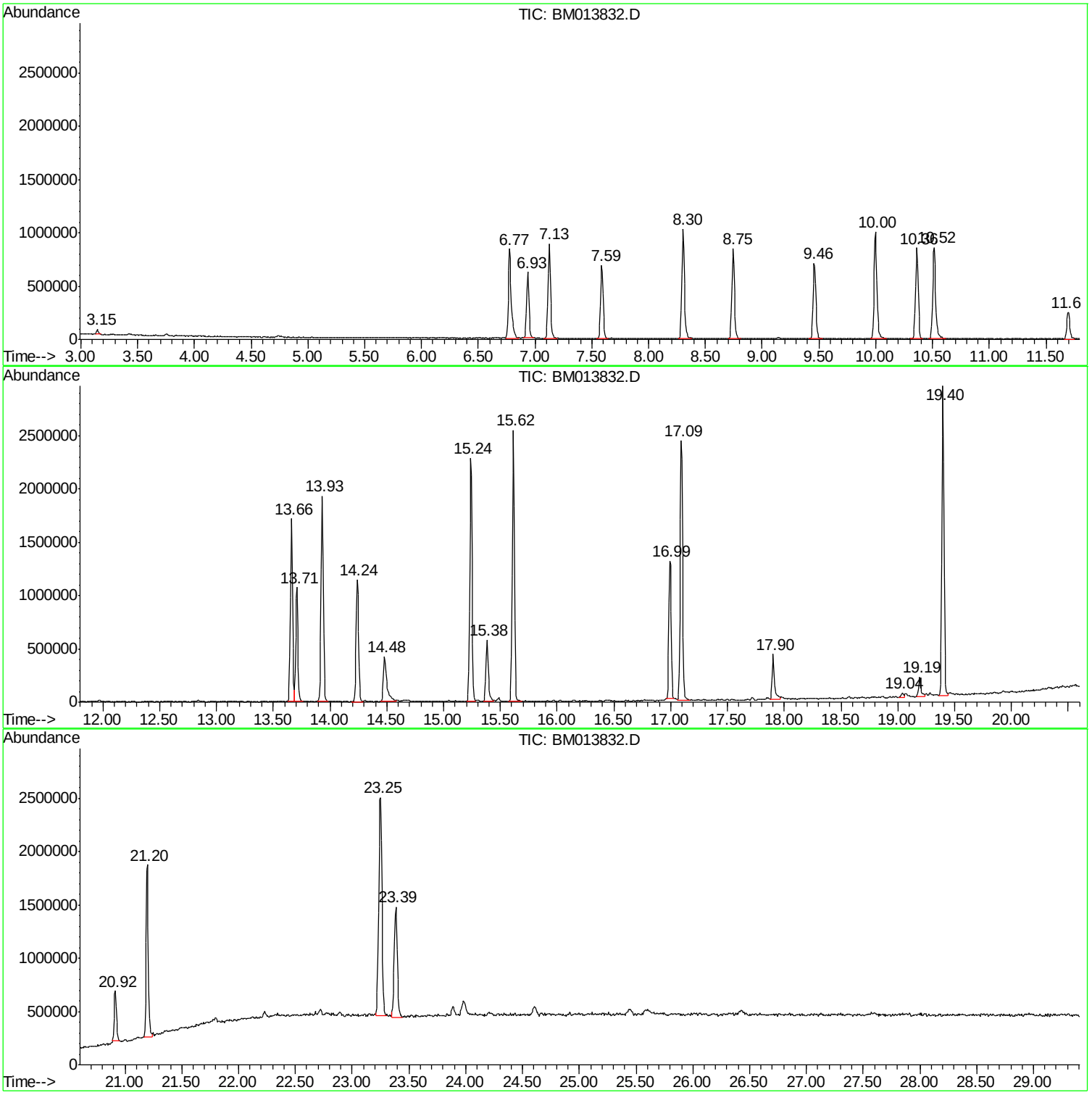
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B04

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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TIC Library : C:\DATABASE\NIST11.L
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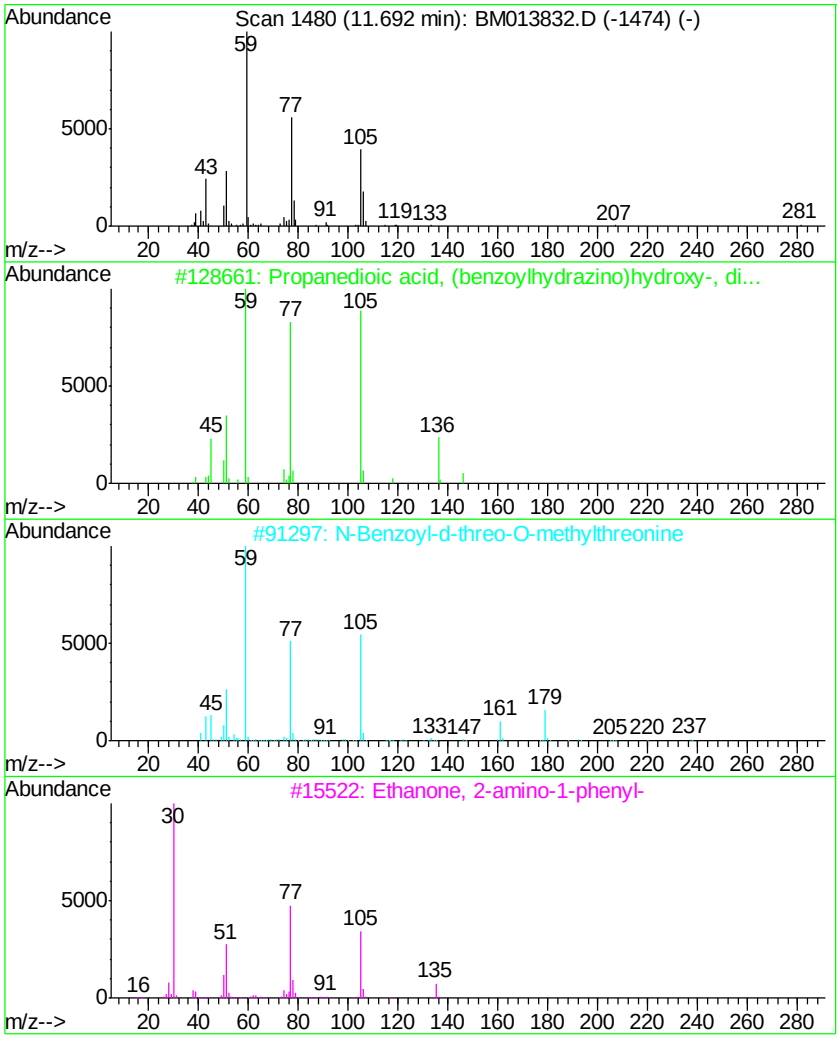
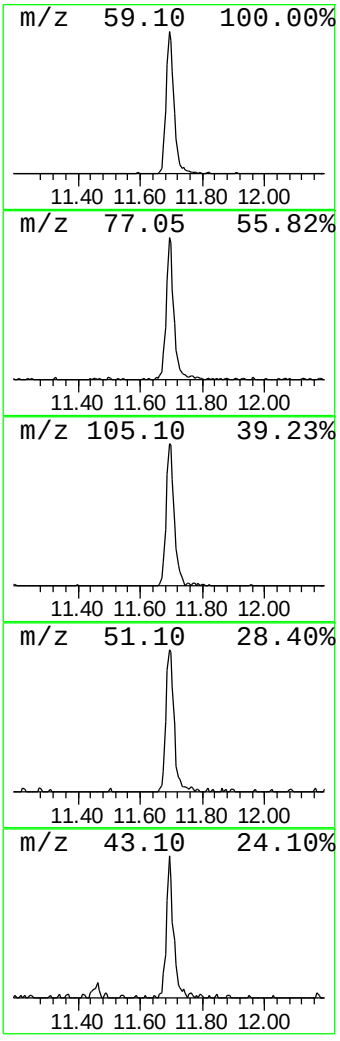
Peak Number 1 Propanedioic acid, (benzoyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	6.51 ng/ul	451173	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	78
2	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	56
3	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	38
4	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	35
5	Benzaldehyde	106	C7H6O	000100-52-7	32





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Sample : J1233-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B04

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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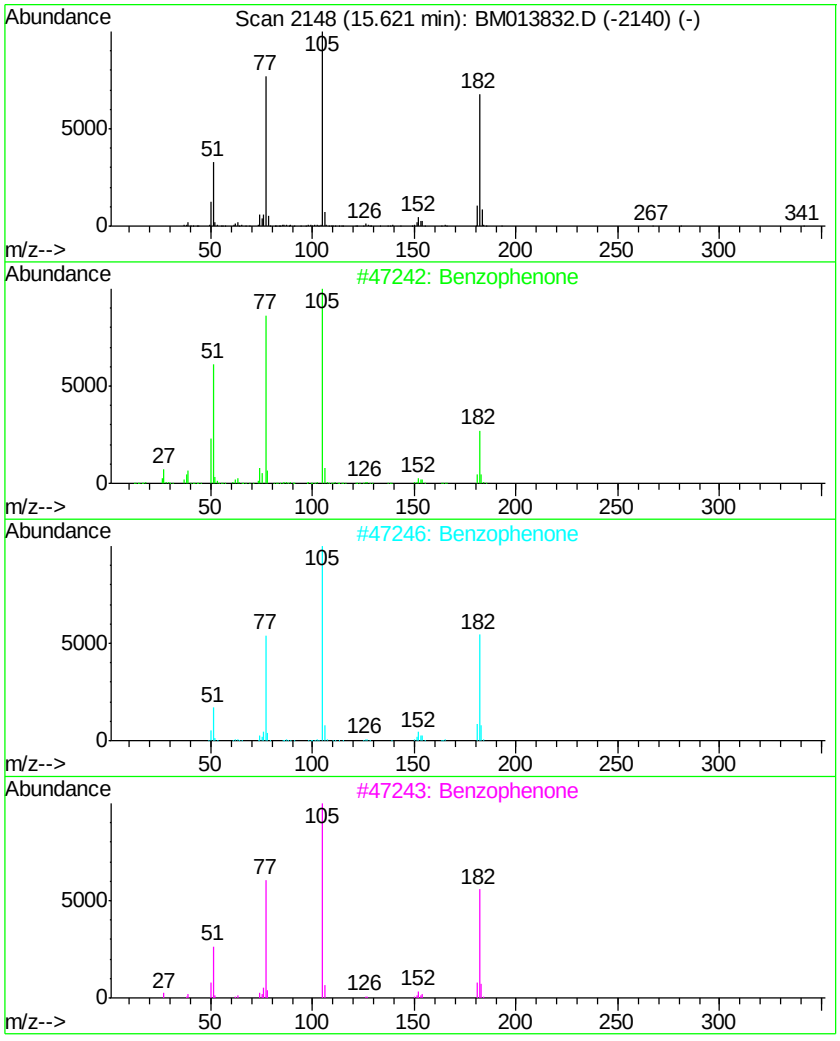
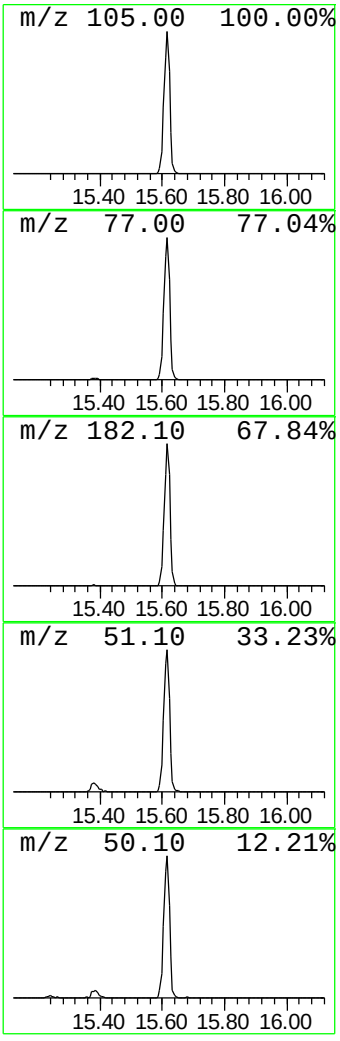
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	35.33 ng/ul	3271790	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





Library Search Compound Report

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ClientSampleId : F6B04

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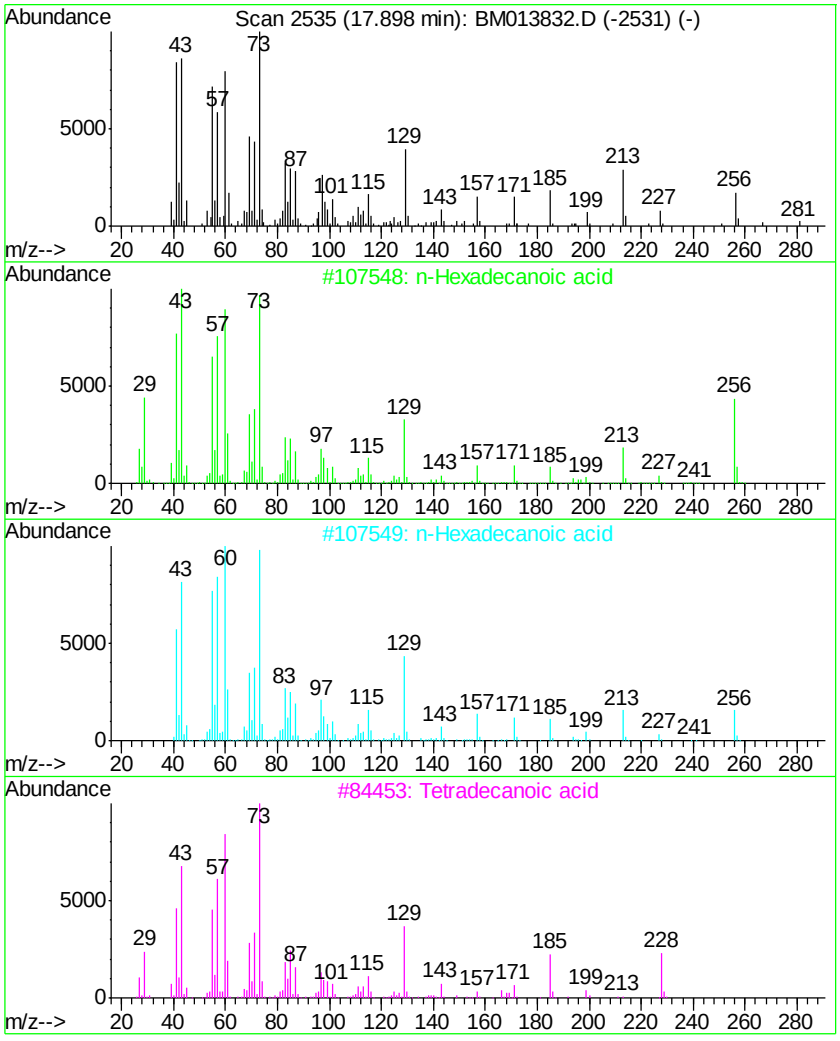
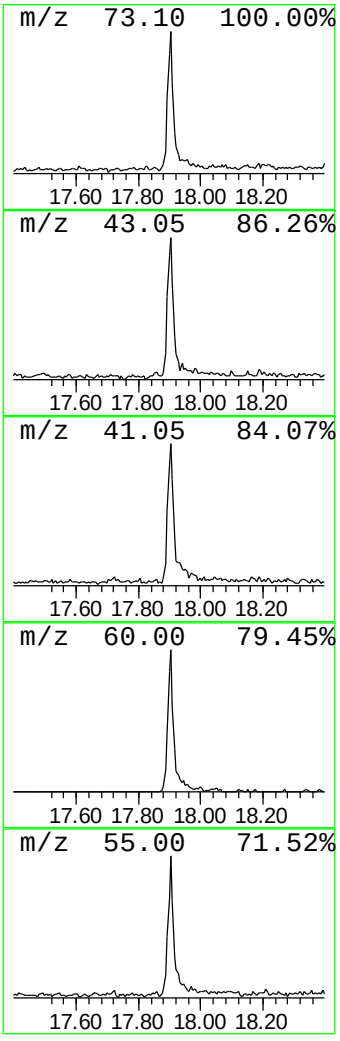
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	6.55 ng/ul	606554	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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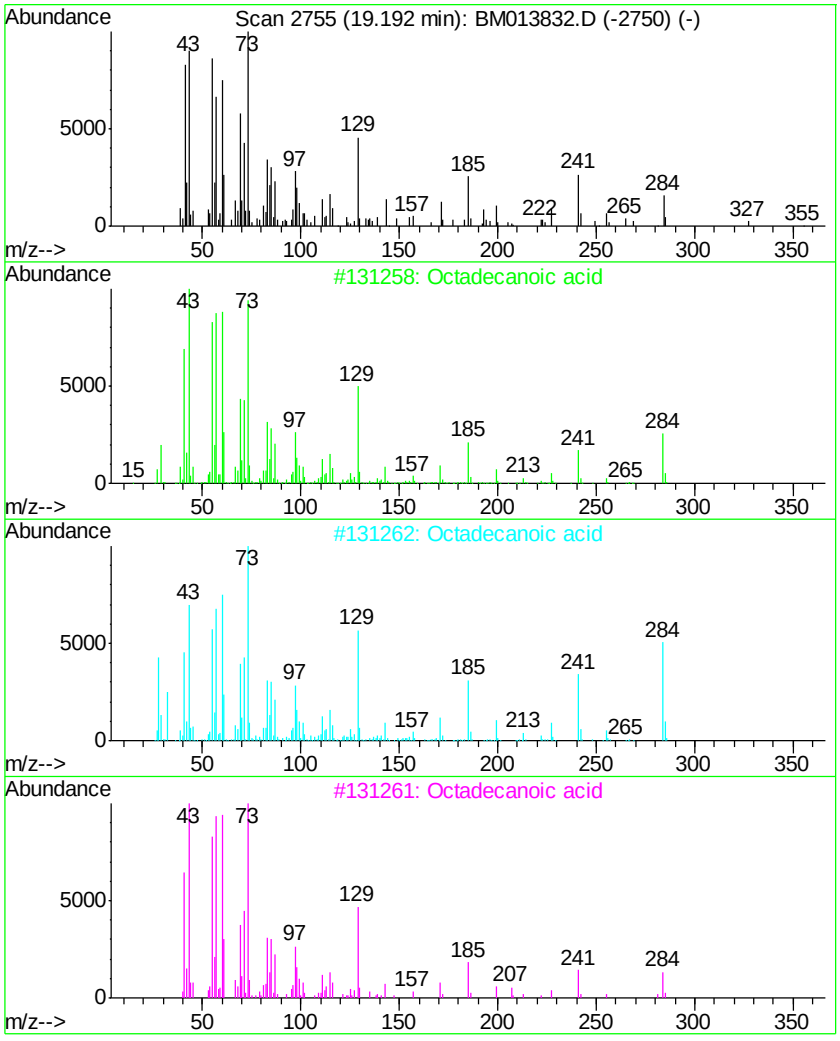
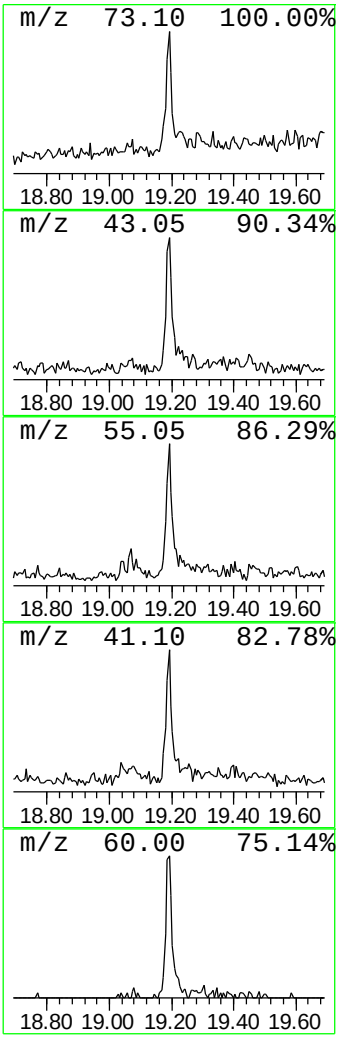
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.52 ng/ul	278227	Chrysene-d12	21.20

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	99
5	Octadecanoic acid	284	C18H36O2	000057-11-4	98





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Instrument : BNA_M
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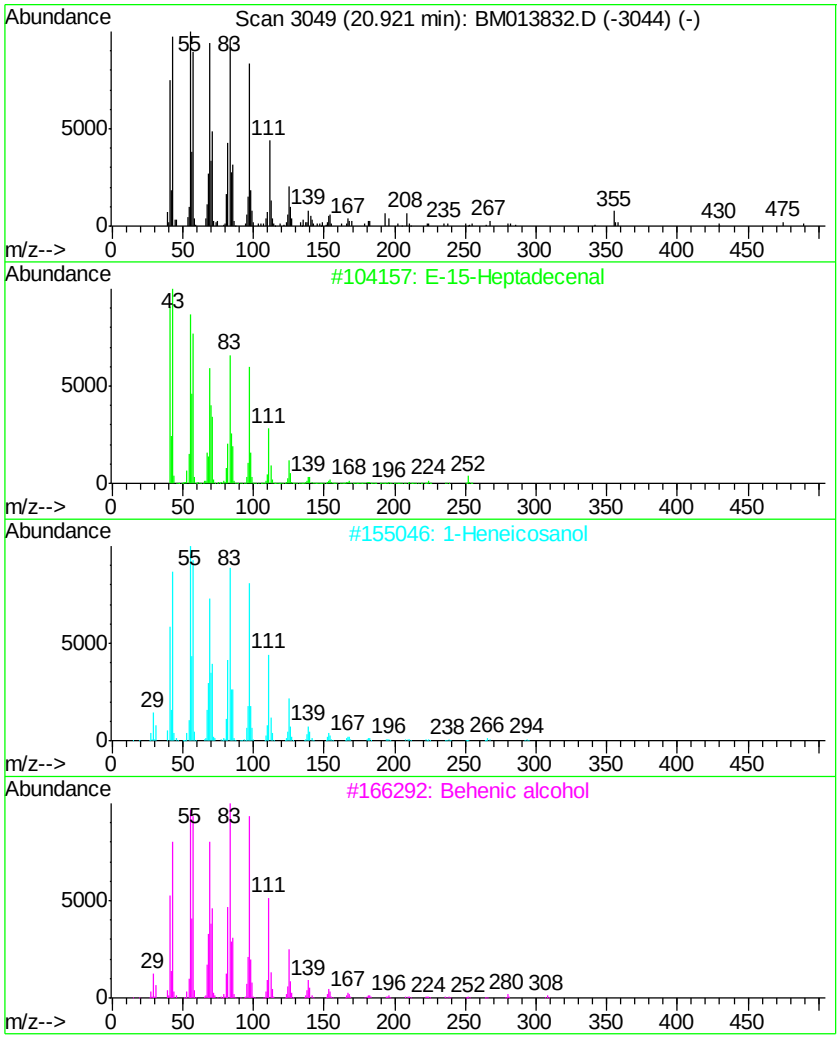
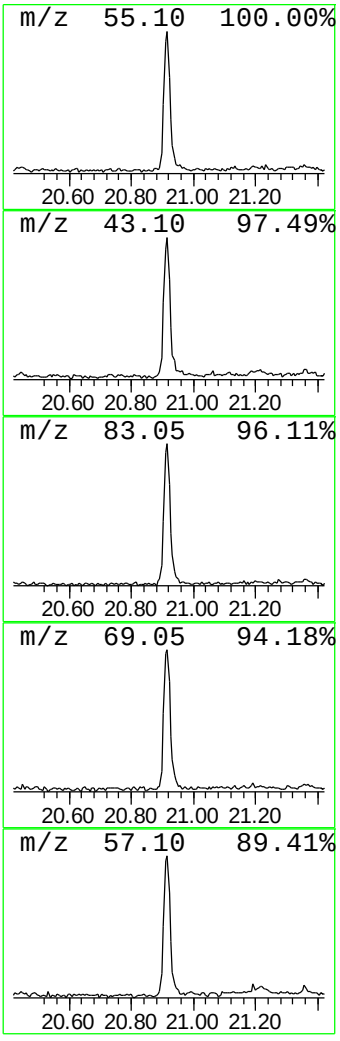
Peak Number 5 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.62 ng/ul	619834	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	1-Octadecanol	270	C18H38O	000112-92-5	93





Tentatively Identified Compound (LSC) summary

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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...	11.69	6.5	ng/ul	451173	2	10.36	1385890	20.0
Benzophenone	15.62	35.3	ng/ul	3271790	4	16.99	1852070	20.0
n-Hexadecanoic acid	17.90	6.5	ng/ul	606554	4	16.99	1852070	20.0
Octadecanoic acid	19.19	2.5	ng/ul	278227	5	21.20	2205480	20.0
E-15-Heptadecenal	20.92	5.6	ng/ul	619834	5	21.20	2205480	20.0