LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013700.D
Acq On : 22 Jan 2018 18:49
Operator : SJ/JU
Sample : J1221-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A66

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	40	rVB2	43013	62671	1.52%	0.142%
2	6.793	641	647	664	rBV2	743056	1387205	33.72%	3.148%
3	6.957	668	675	686	rBV	560607	853786	20.76%	1.937%
4	7.146	701	707	719	rBV	799391	1233626	29.99%	2.799%
5	7.610	780	786	794	rBV	566443	875094	21.27%	1.986%
6	8.322	900	907	918	rBV	922975	1499359	36.45%	3.402%
7	8.769	976	983	991	rBV	743270	1238906	30.12%	2.811%
8	9.481	1096	1104	1116	rBV	647523	1074381	26.12%	2.438%
9	10.016	1189	1195	1207	rBV	893957	1557122	37.86%	3.533%
10	10.387	1250	1258	1268	rBV	706368	1155284	28.09%	2.621%
11	10.534	1276	1283	1300	rBV	822560	1462134	35.55%	3.318%
12	11.716	1478	1484	1496	rBV2	160367	280867	6.83%	0.637%
13	13.680	1812	1818	1822	rBV	1500116	2076580	50.48%	4.712%
14	13.727	1822	1826	1836	rVB	607852	880559	21.41%	1.998%
15	13.951	1858	1864	1874	rVB	1794289	2551600	62.03%	5.789%
16	14.263	1910	1917	1926	rBV2	923268	1405663	34.17%	3.189%
17	14.486	1948	1955	1969	rBV	522885	934925	22.73%	2.121%
18	15.263	2080	2087	2094	rBV	2076849	2982260	72.50%	6.767%
19	15.398	2105	2110	2124	rBV	592955	873518	21.24%	1.982%
20	15.633	2144	2150	2157	rBV	1229751	1627456	39.57%	3.693%
21	17.015	2375	2385	2391	rBV2	1210290	1713340	41.65%	3.888%
22	17.115	2394	2402	2414	rVV	2198517	3211122	78.07%	7.286%
23	17.921	2534	2539	2545	rBV2	230362	341109	8.29%	0.774%
24	19.209	2753	2758	2768	rBV4	97630	167844	4.08%	0.381%
25	19.304	2770	2774	2780	rVV3	24860	41606	1.01%	0.094%
26	19.415	2787	2793	2801	rBV	2800660	3707018	90.12%	8.411%
27	20.933	3046	3051	3062	rBV4	395648	601574	14.63%	1.365%
28	21.209	3093	3098	3108	rBV	1535786	2098197	51.01%	4.761%
29	23.274	3442	3449	3460	rBV	2224856	4113297	100.00%	9.333%
30	23.409	3466	3472	3483	rVB2	1080594	2064847	50.20%	4.685%

Sum of corrected areas: 44072950

LSC Report - Integrated Chromatogram

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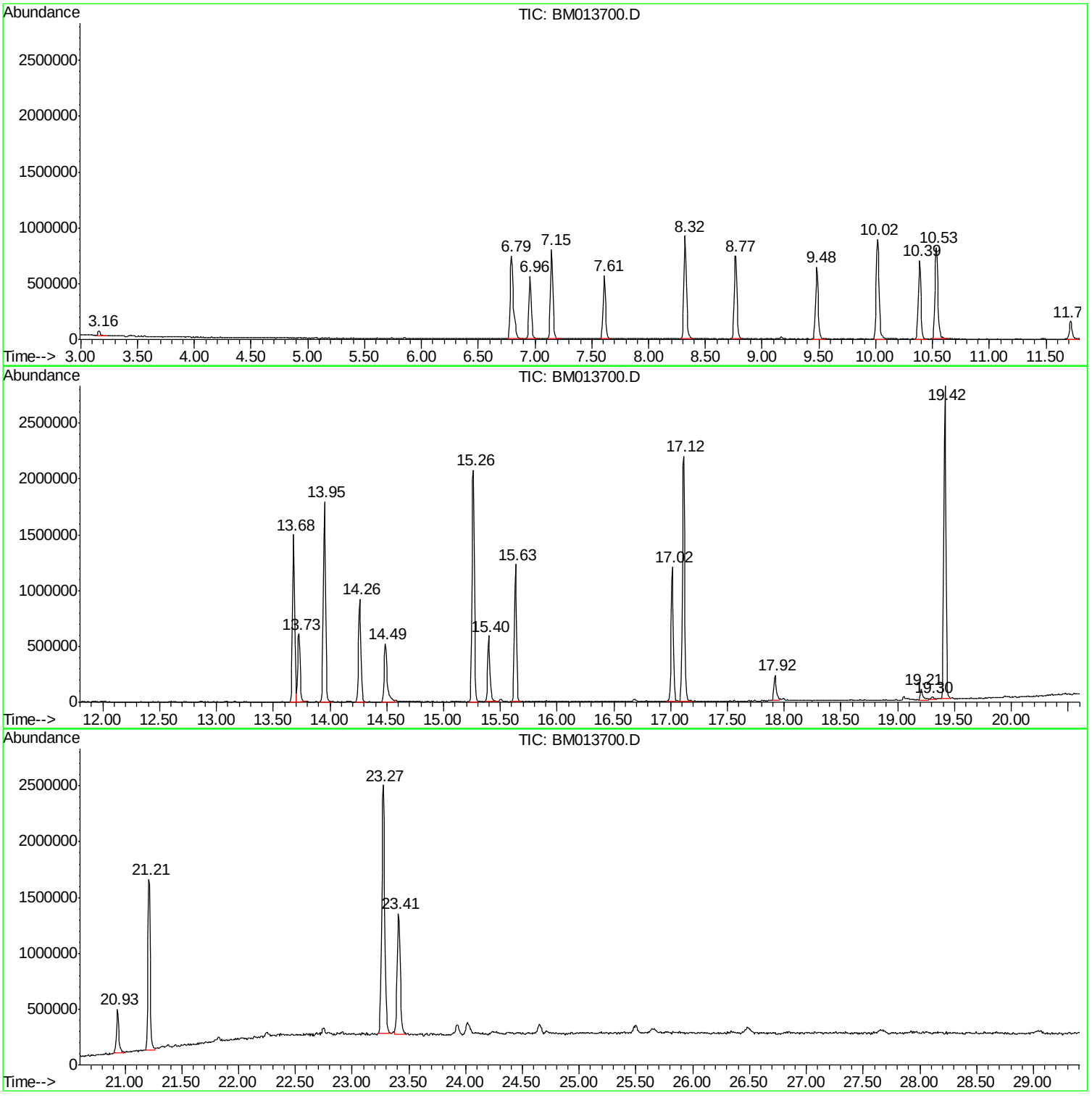
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A66

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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Quant Title : SVOA CALIBRATION

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

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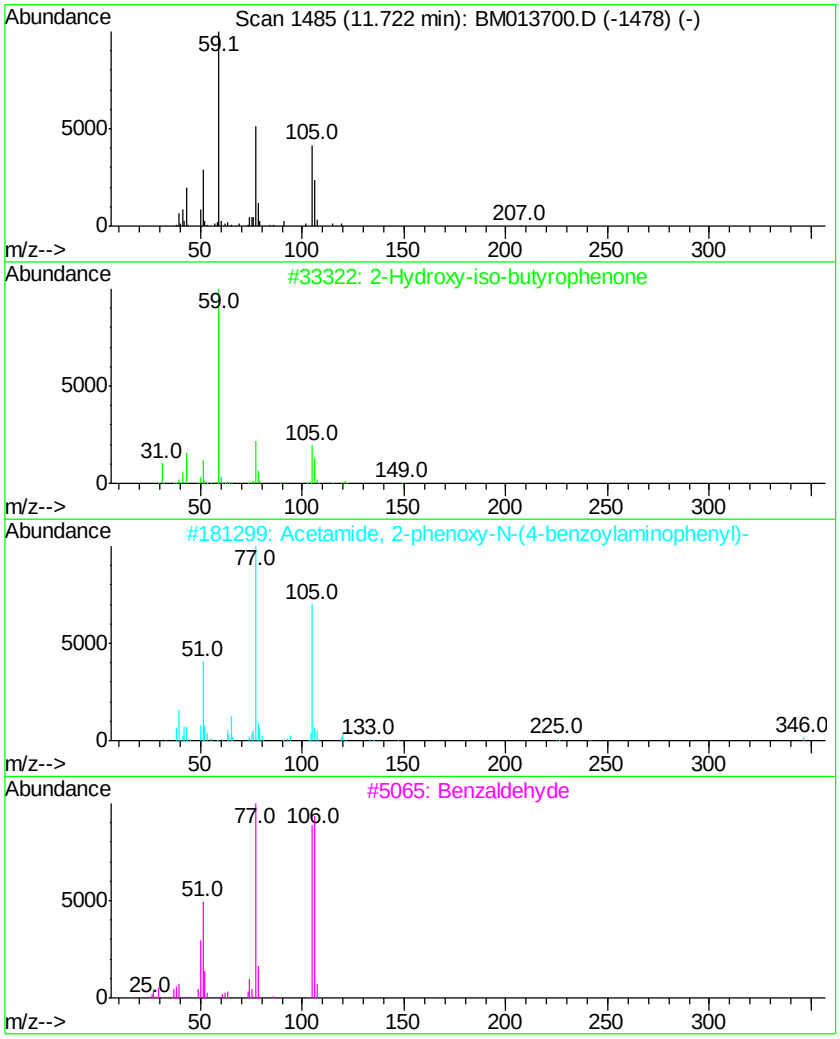
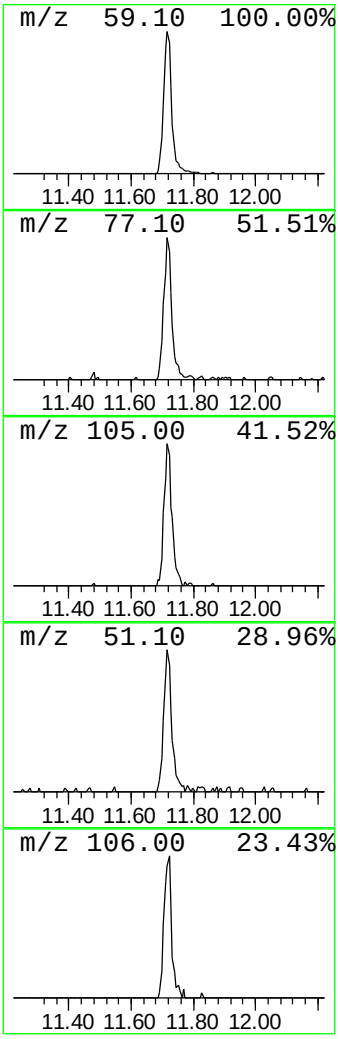
Peak Number 1 2-Hydroxy-iso-butyrophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	4.86 ng/ul	280867	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	72
2	Acetamide, 2-phenoxy-N-(4-benzoy...	346	C21H18N2O3	312755-44-5	12
3	Benzaldehyde	106	C7H6O	000100-52-7	12
4	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	9
5	Hexanamide	115	C6H13NO	000628-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013700.D
Acq On : 22 Jan 2018 18:49
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Sample : J1221-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A66

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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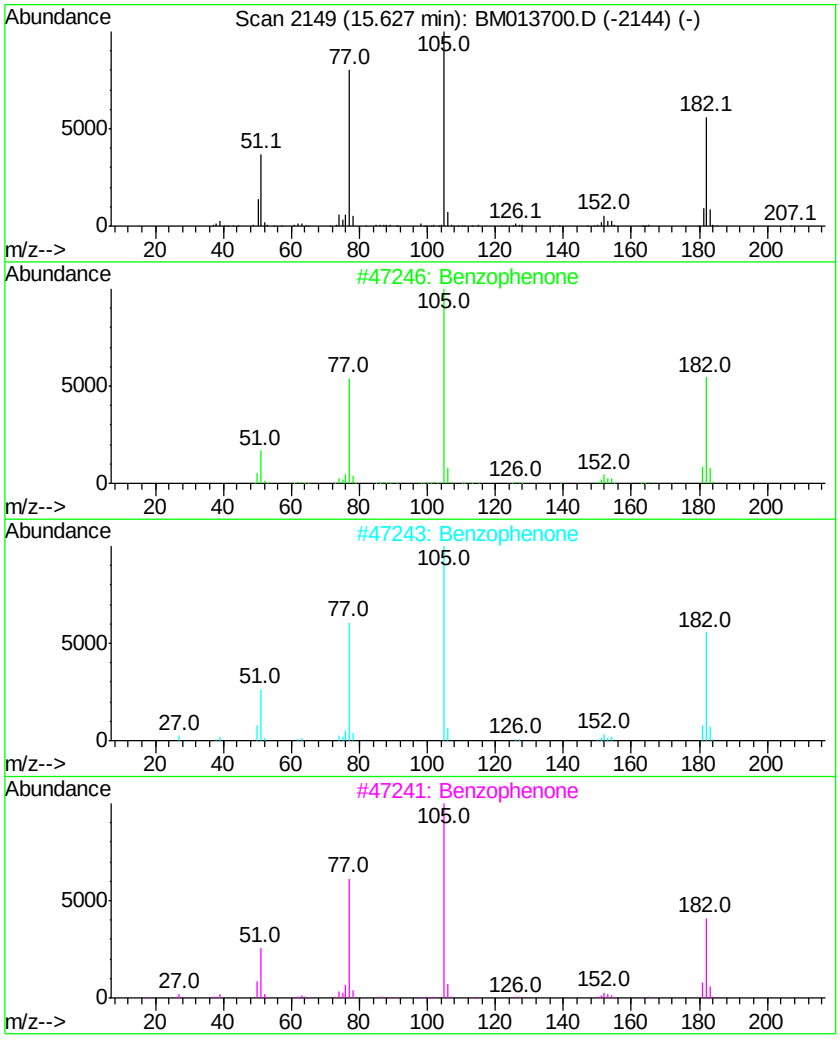
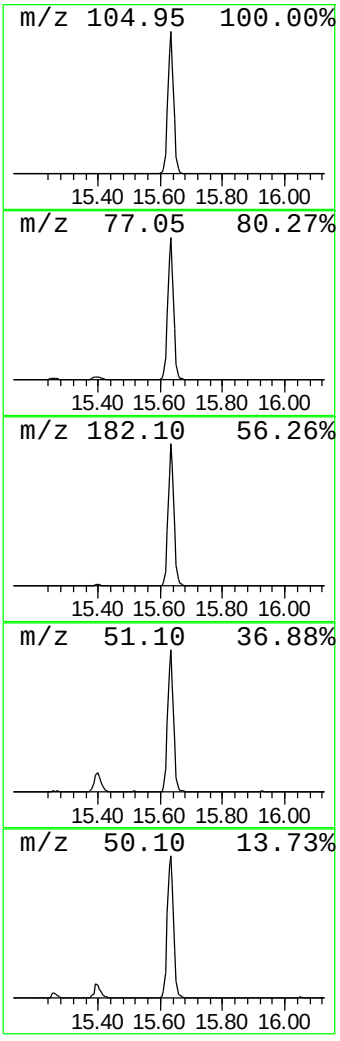
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	23.16 ng/ul	1627460	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
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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ClientSampleId : F6A66

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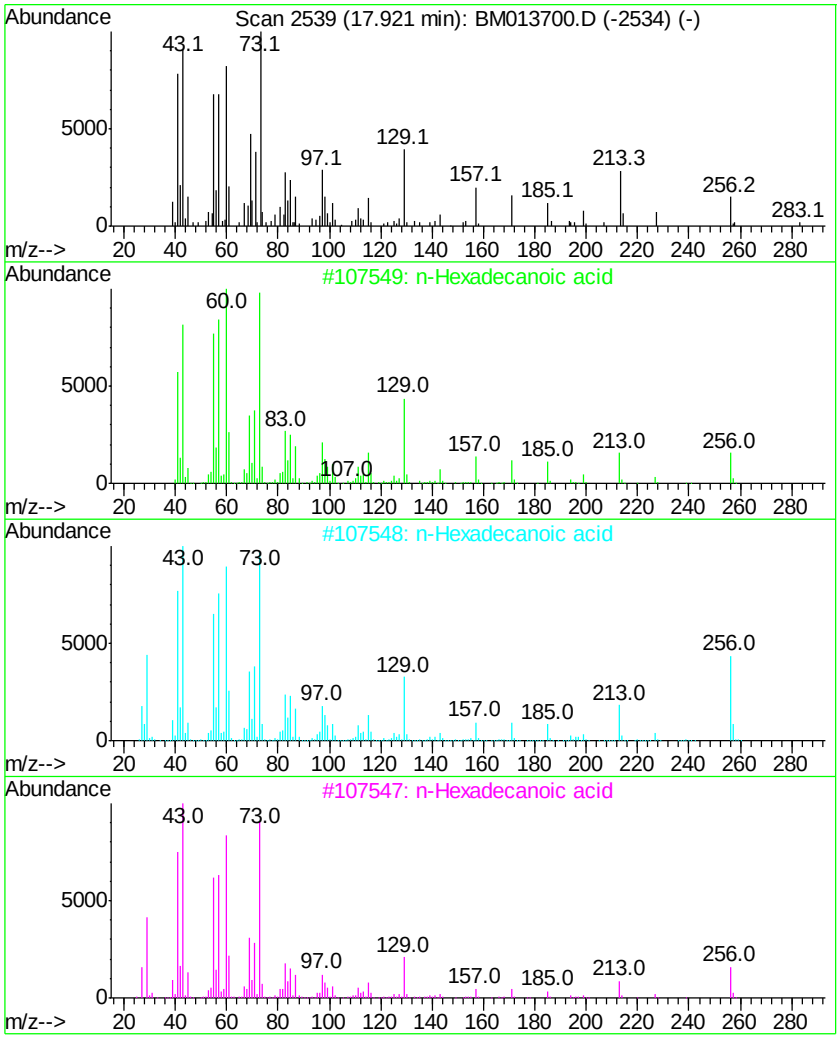
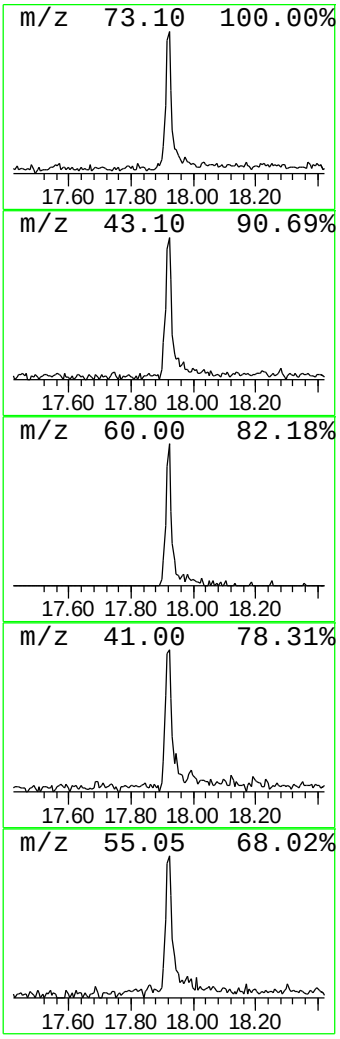
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.98 ng/ul	341109	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
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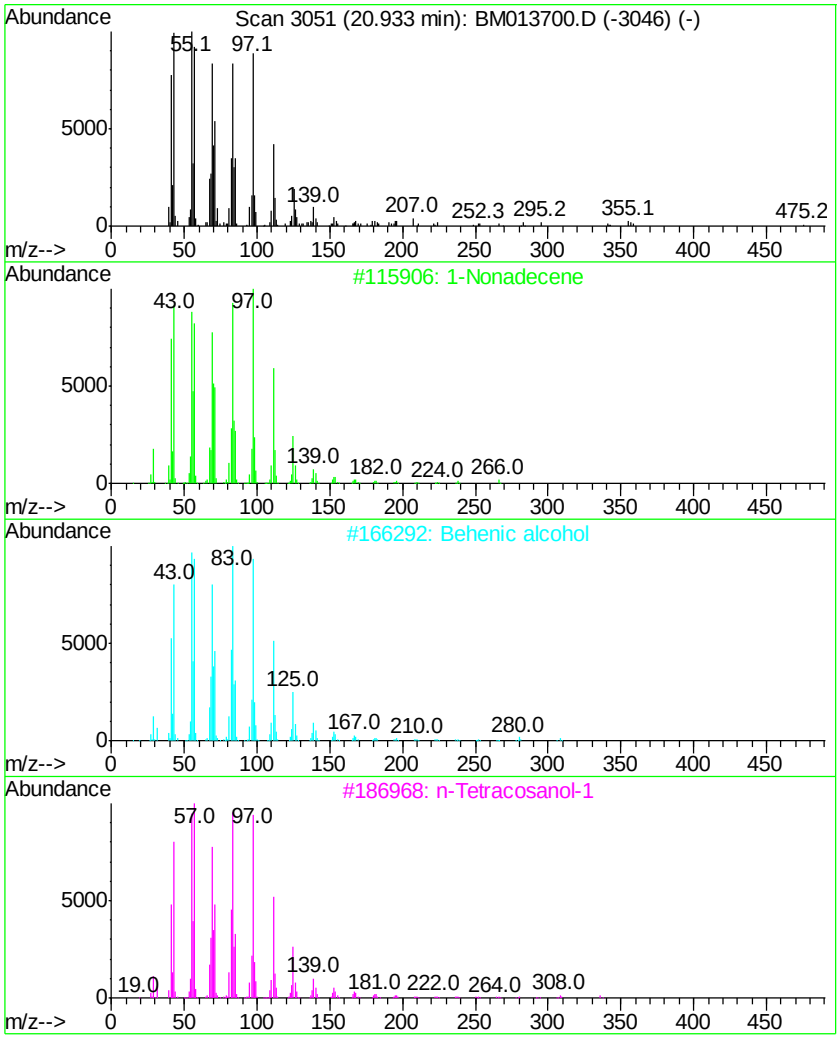
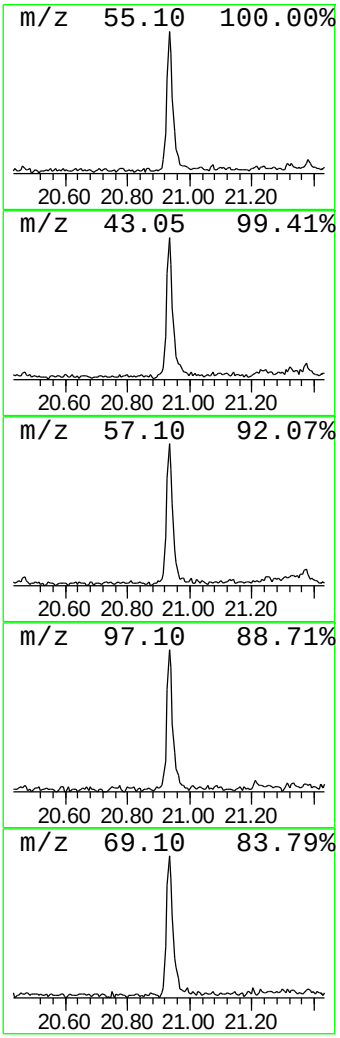
Peak Number 4 (DEL) Alkane: Cyclic20.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.73 ng/ul	601574	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	9-Nonadecene	266	C19H38	031035-07-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012218\
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Operator : SJ/JU
Sample : J1221-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A66

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
2-Hydroxy-iso-but...	11.72	4.9	ng/ul	280867	2	10.39	1155280	20.0
Benzophenone	15.63	23.2	ng/ul	1627460	3	14.26	1405660	20.0
n-Hexadecanoic acid	17.92	4.0	ng/ul	341109	4	17.02	1713340	20.0
(DEL) Alkane: Cyc...	20.93	5.7	ng/ul	601574	5	21.21	2098200	20.0