LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014384.D
Acq On : 27 Feb 2018 16:01
Operator : SJ/JU
Sample : J1631-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE607

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-BM021418.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	3.104	17	20	25	rVB3	28077	37971	1.63%	0.115%
2	3.704	118	122	126	rVB4	26627	39274	1.68%	0.119%
3	3.904	153	156	162	rVB5	38123	57134	2.45%	0.174%
4	4.681	283	288	298	rVB2	64270	128842	5.52%	0.392%
5	5.951	500	504	509	rVB6	24477	39198	1.68%	0.119%
6	6.728	625	636	647	rBV	419943	877423	37.60%	2.667%
7	6.875	655	661	673	rBV	336053	565994	24.26%	1.720%
8	7.063	687	693	704	rVB	505717	803069	34.42%	2.441%
9	7.522	765	771	781	rBV	453517	722300	30.95%	2.195%
10	8.245	886	894	903	rBV	545587	986269	42.27%	2.998%
11	8.357	908	913	918	rVV2	29926	59300	2.54%	0.180%
12	8.422	918	924	934	rVB2	53800	123933	5.31%	0.377%
13	8.510	934	939	943	rBV5	14504	23839	1.02%	0.072%
14	8.681	961	968	978	rBV	470911	810716	34.74%	2.464%
15	9.398	1083	1090	1099	rBV	400936	737627	31.61%	2.242%
16	9.939	1174	1182	1193	rBV	519743	1026785	44.00%	3.121%
17	10.292	1235	1242	1248	rBV	589469	971792	41.65%	2.954%
18	10.339	1248	1250	1255	rVB3	23563	32044	1.37%	0.097%
19	10.451	1258	1269	1281	rBV	424787	882598	37.82%	2.683%
20	13.139	1721	1726	1733	rVB6	12754	26152	1.12%	0.079%
21	13.604	1798	1805	1809	rBV	1051744	1489515	63.83%	4.527%
22	13.651	1809	1813	1820	rVB	445397	627118	26.87%	1.906%
23	13.868	1841	1850	1860	rBV	1196048	1767090	75.73%	5.371%
24	14.080	1878	1886	1891	rBV6	52930	95316	4.08%	0.290%
25	14.180	1896	1903	1910	rBV2	794186	1228744	52.66%	3.735%
26	14.457	1944	1950	1965	rBV4	228498	631644	27.07%	1.920%
27	14.639	1975	1981	1986	rBV10	23194	43848	1.88%	0.133%
28	14.992	2036	2041	2043	rBV3	26126	35182	1.51%	0.107%
29	15.021	2043	2046	2056	rVB2	89861	186911	8.01%	0.568%
30	15.186	2068	2074	2082	rBV	1391981	2038255	87.35%	6.195%
31	15.351	2096	2102	2109	rBV3	127271	213548	9.15%	0.649%
32	15.427	2111	2115	2117	rVV5	22428	34124	1.46%	0.104%
33	15.451	2117	2119	2124	rVB6	22327	39059	1.67%	0.119%
34	15.557	2130	2137	2143	rBV6	11920	36046	1.54%	0.110%

LSC Area Percent Report

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Acq On : 27 Feb 2018 16:01
Operator : SJ/JU
Sample : J1631-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE607

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-BM021418.M
Title : SVOA CALIBRATION

35	15.910	2192	2197	2206	rBV3	87757	167326	7.17%	0.509%
36	16.262	2252	2257	2262	rBV8	24780	49135	2.11%	0.149%
37	16.704	2328	2332	2335	rBV3	40403	58908	2.52%	0.179%
38	16.751	2339	2340	2345	rVB5	26066	26236	1.12%	0.080%
39	16.939	2365	2372	2378	rBV2	959379	1436280	61.55%	4.366%
40	16.986	2378	2380	2383	rVV2	40558	43570	1.87%	0.132%
41	17.039	2383	2389	2399	rVB2	1492963	2247593	96.32%	6.832%
42	17.151	2403	2408	2414	rBV9	11397	32034	1.37%	0.097%
43	17.251	2420	2425	2426	rBV5	24453	32093	1.38%	0.098%
44	17.439	2455	2457	2463	rBV6	28106	40935	1.75%	0.124%
45	17.615	2484	2487	2495	rVB9	17816	29795	1.28%	0.091%
46	17.851	2520	2527	2542	rBV	421607	816222	34.98%	2.481%
47	18.133	2571	2575	2580	rBV8	59389	101667	4.36%	0.309%
48	19.145	2743	2747	2753	rBV3	162563	269273	11.54%	0.818%
49	19.350	2777	2782	2790	rBV	1794287	2333476	100.00%	7.093%
50	20.868	3036	3040	3047	rVB	949342	1235802	52.96%	3.756%
51	21.150	3084	3088	3098	rBV	1060209	1367368	58.60%	4.156%
52	21.762	3188	3192	3198	rVB3	680183	1074502	46.05%	3.266%
53	22.715	3350	3354	3360	rVB2	445686	729151	31.25%	2.216%
54	23.191	3430	3435	3443	rVB2	1236947	2226169	95.40%	6.766%
55	23.327	3454	3458	3464	rVB2	707835	1163696	49.87%	3.537%

Sum of corrected areas: 32899891

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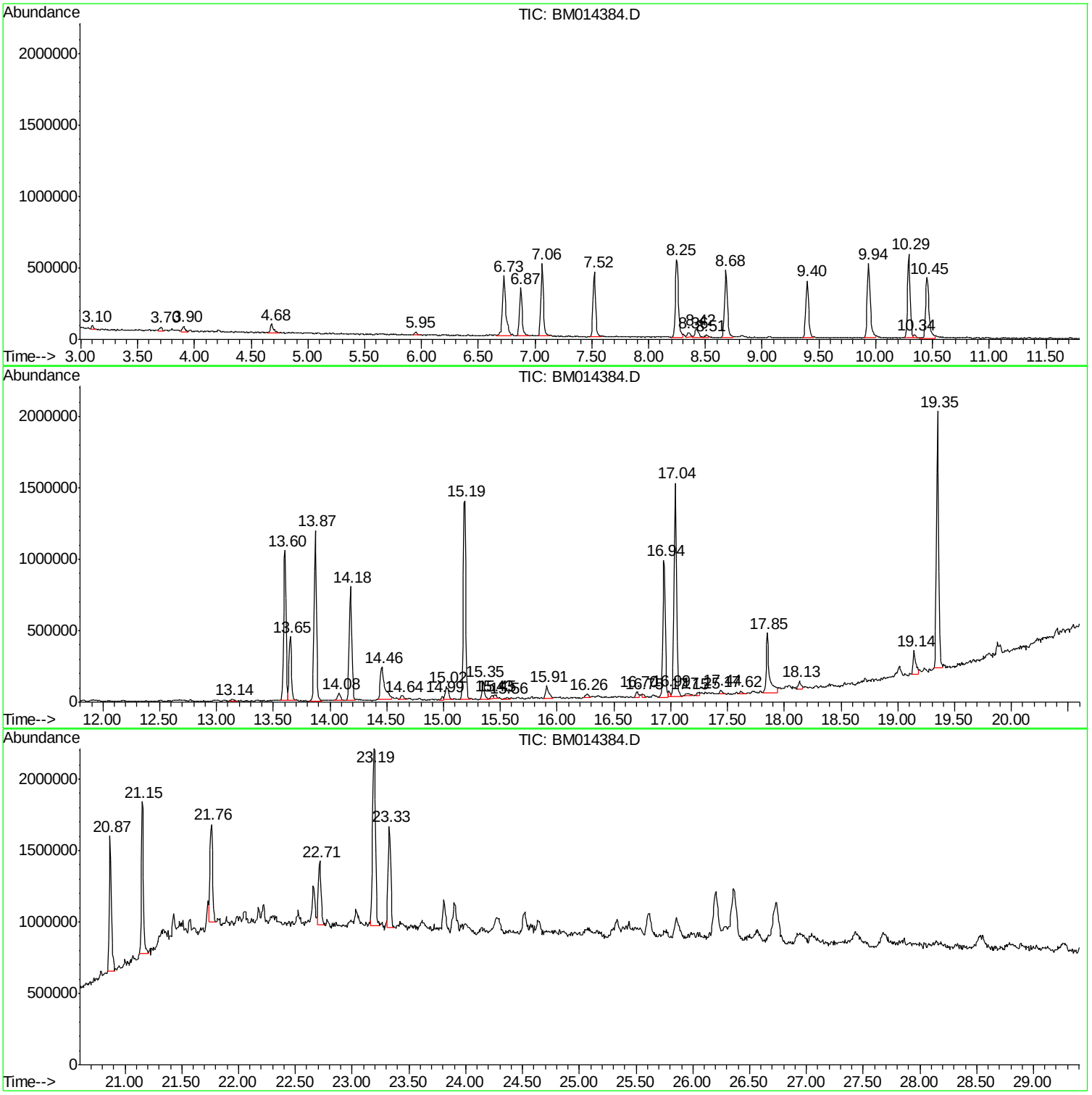
Sample : J1631-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE607

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
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Sample : J1631-19
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Instrument : BNA_M
ClientSampleId : BE607

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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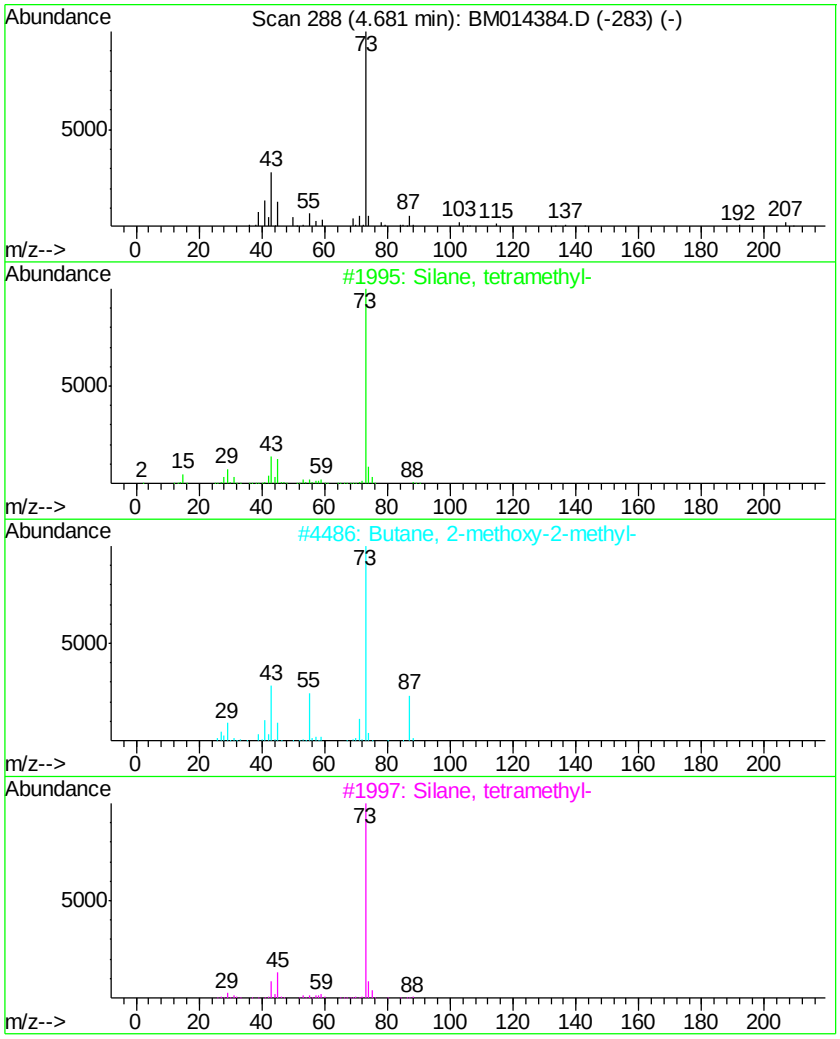
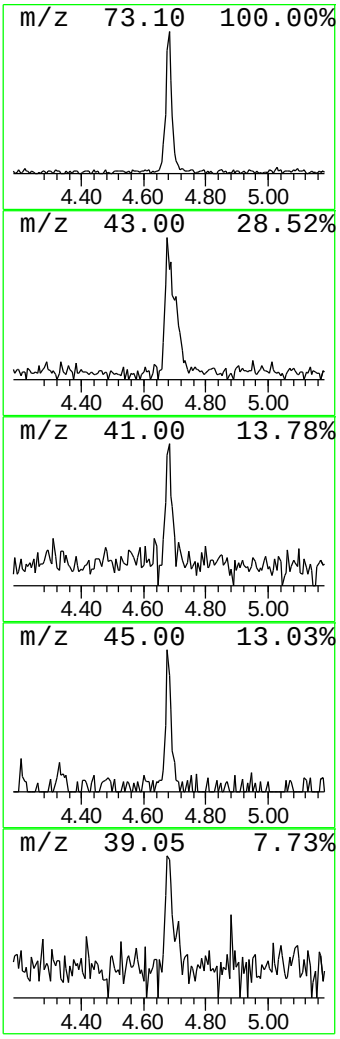
Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.57 ng/ul	128842	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	47
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Silane, trimethyl[2-methylene-1-...	194	C12H22Si	097778-15-9	25





Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014384.D
Acq On : 27 Feb 2018 16:01
Operator : SJ/JU
Sample : J1631-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE607

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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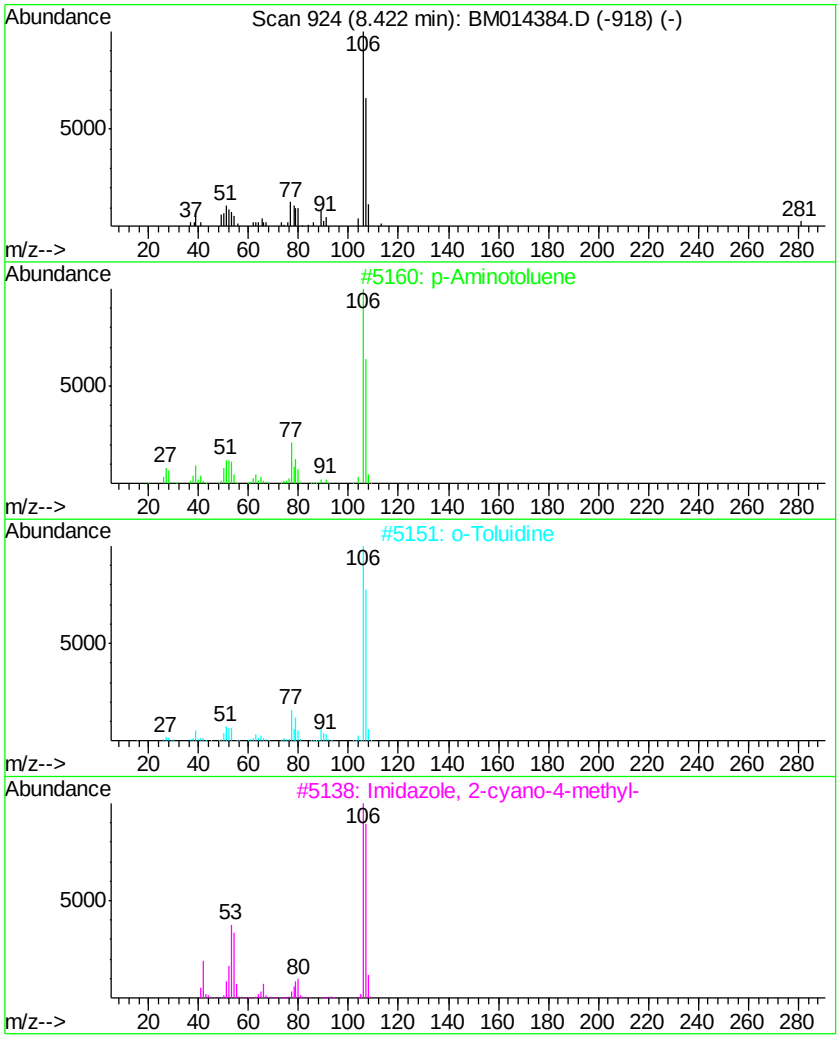
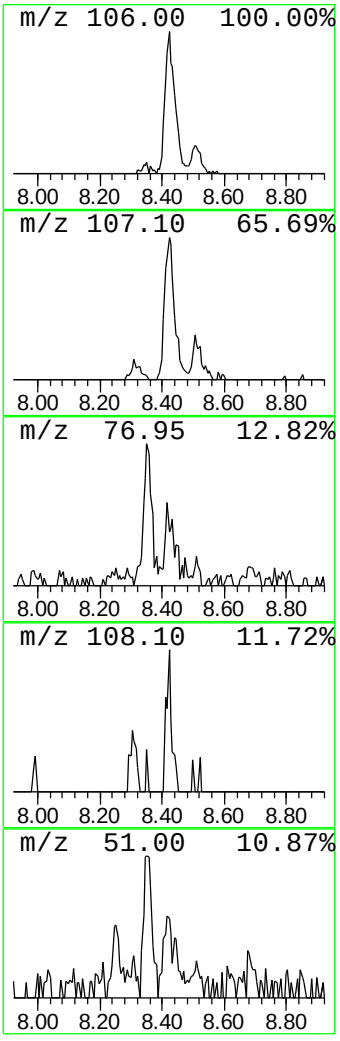
Peak Number 2 p-Aminotoluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	3.43 ng/ul	123933	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Aminotoluene	107	C7H9N	000106-49-0	87
2	o-Toluidine	107	C7H9N	000095-53-4	80
3	Imidazole, 2-cyano-4-methyl-	107	C5H5N3	070631-95-7	80
4	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	72
5	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	72





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Data File : BM014384.D
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Sample : J1631-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE607

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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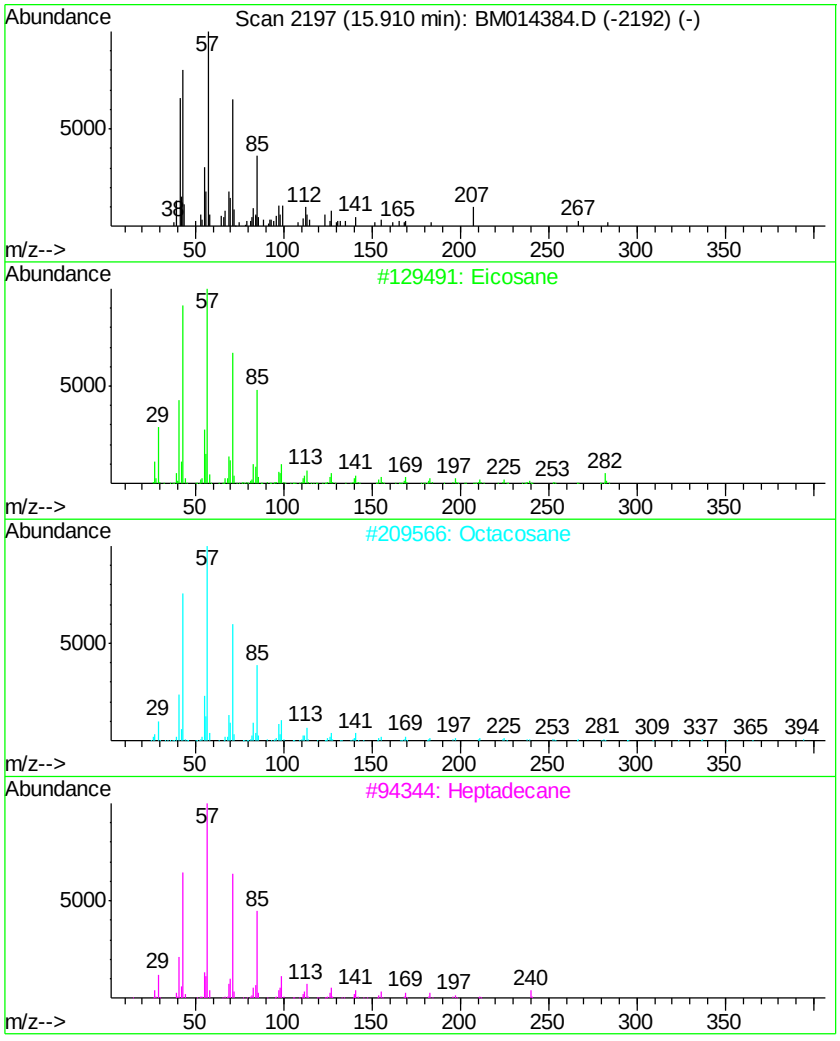
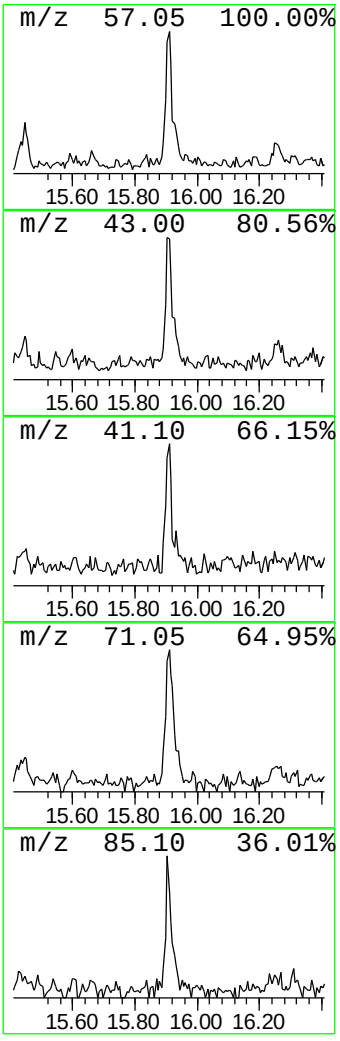
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.33 ng/ul	167326	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	72
2	Octacosane	394	C28H58	000630-02-4	68
3	Heptadecane	240	C17H36	000629-78-7	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Tetradecane	198	C14H30	000629-59-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014384.D
Acq On : 27 Feb 2018 16:01
Operator : SJ/JU
Sample : J1631-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE607

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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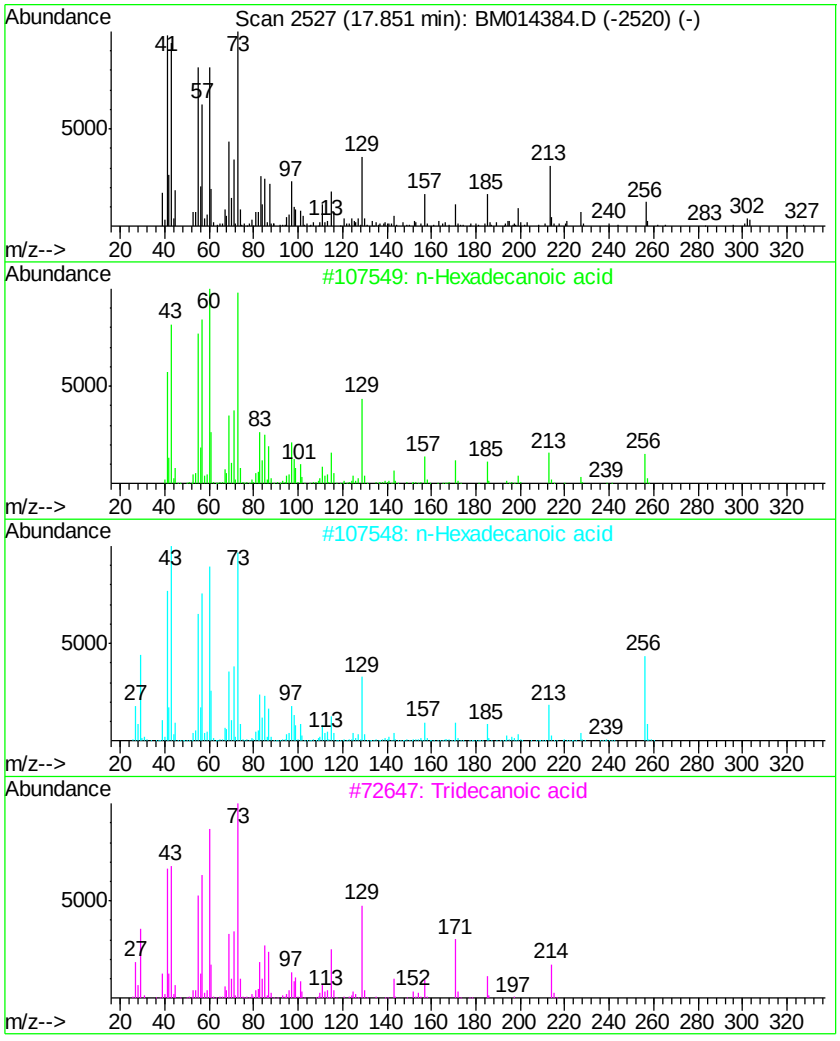
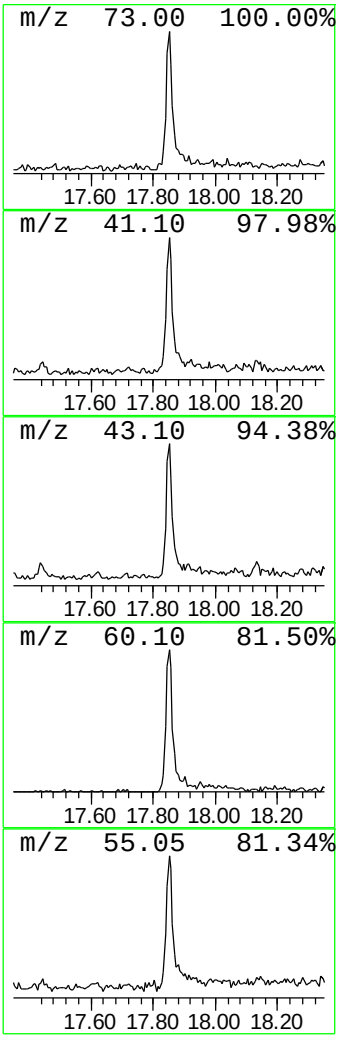
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	11.37 ng/ul	816222	Phenanthrene-d10	16.94

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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Instrument : BNA_M
ClientSampleId : BE607

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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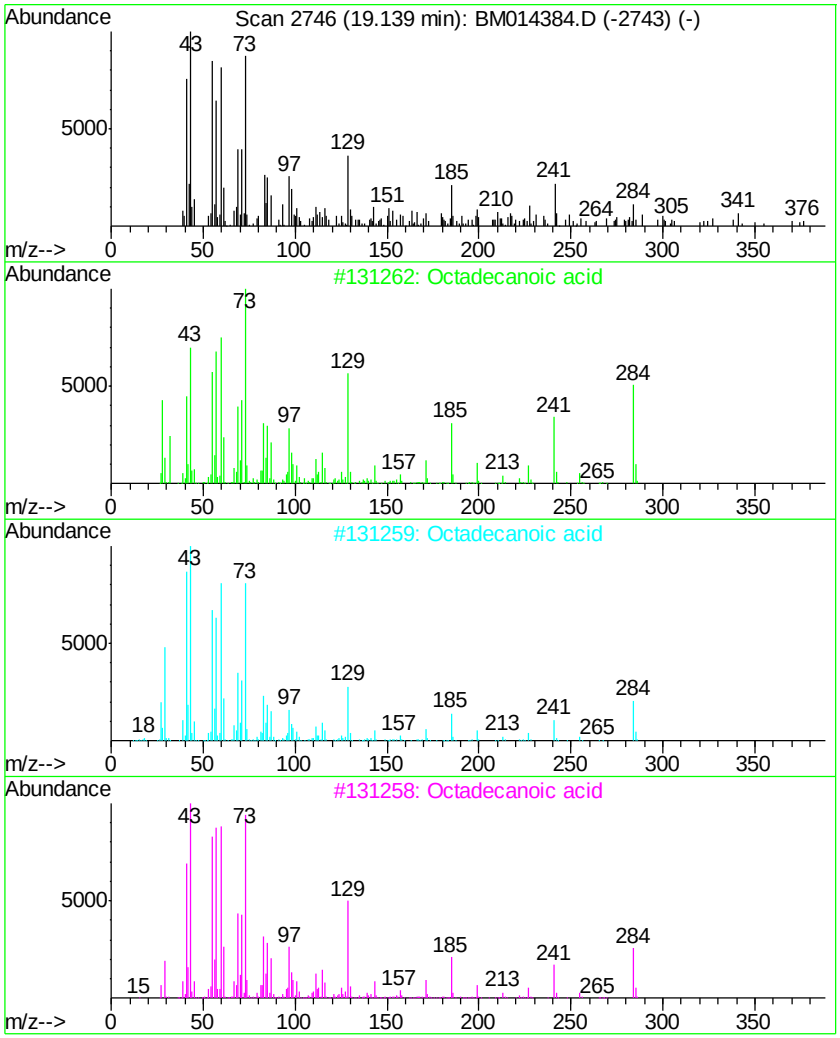
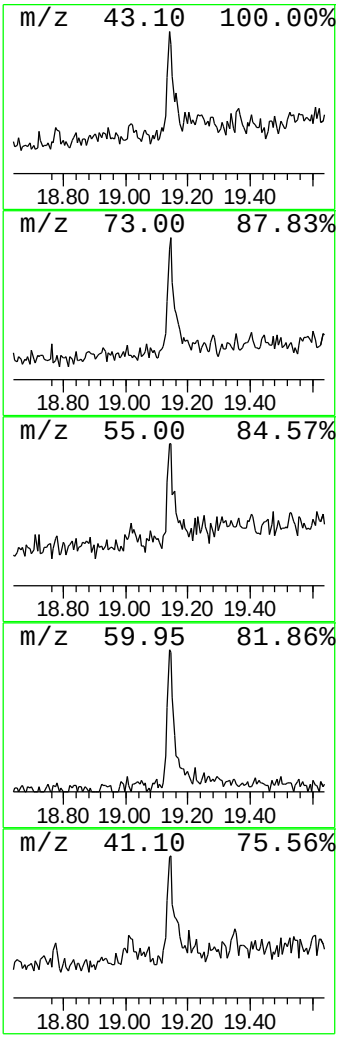
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	3.94 ng/ul	269273	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





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ClientSampleId : BE607

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Quant Title : SVOA CALIBRATION

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

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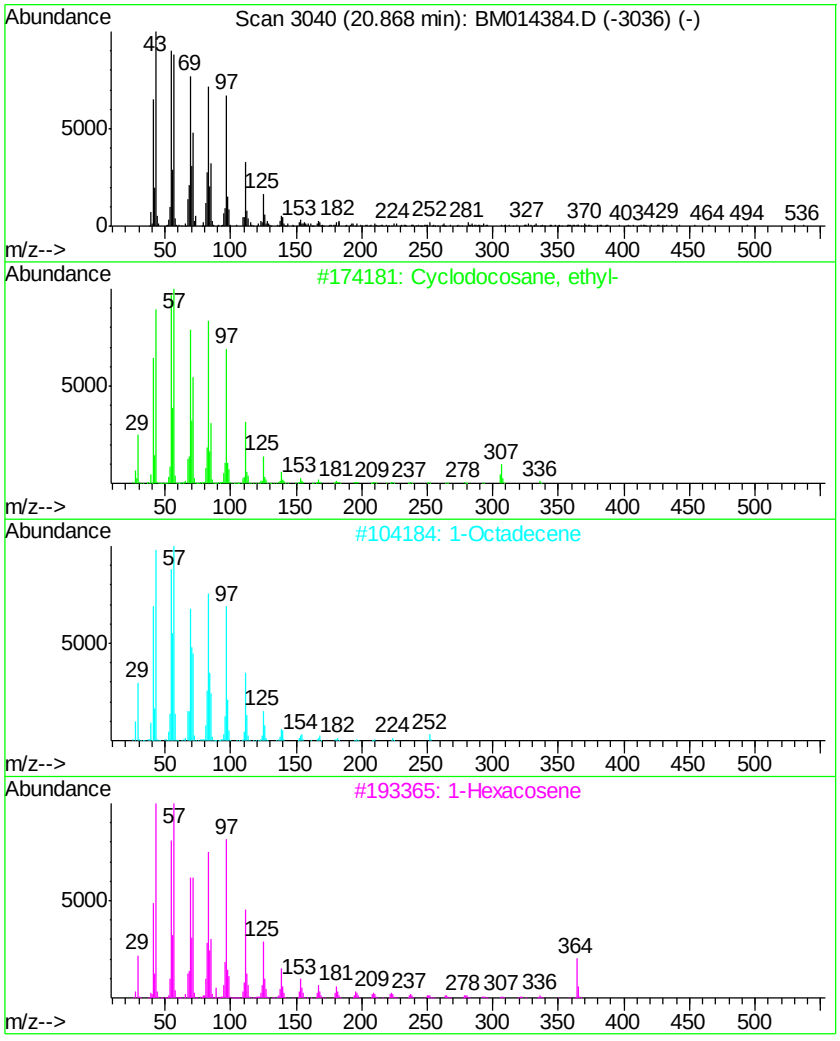
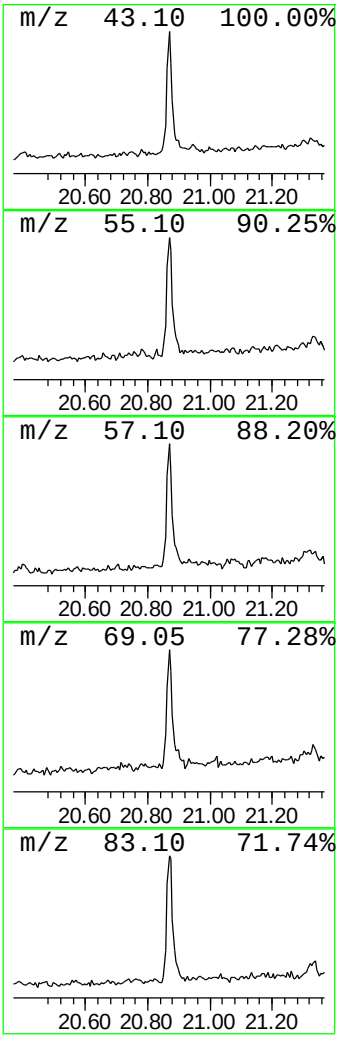
Peak Number 6 (DEL) Alkane: Cyclic20.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	18.08 ng/ul	1235800	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
2	1-Octadecene	252	C18H36	000112-88-9	86
3	1-Hexacosene	364	C26H52	018835-33-1	86
4	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	83
5	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	81





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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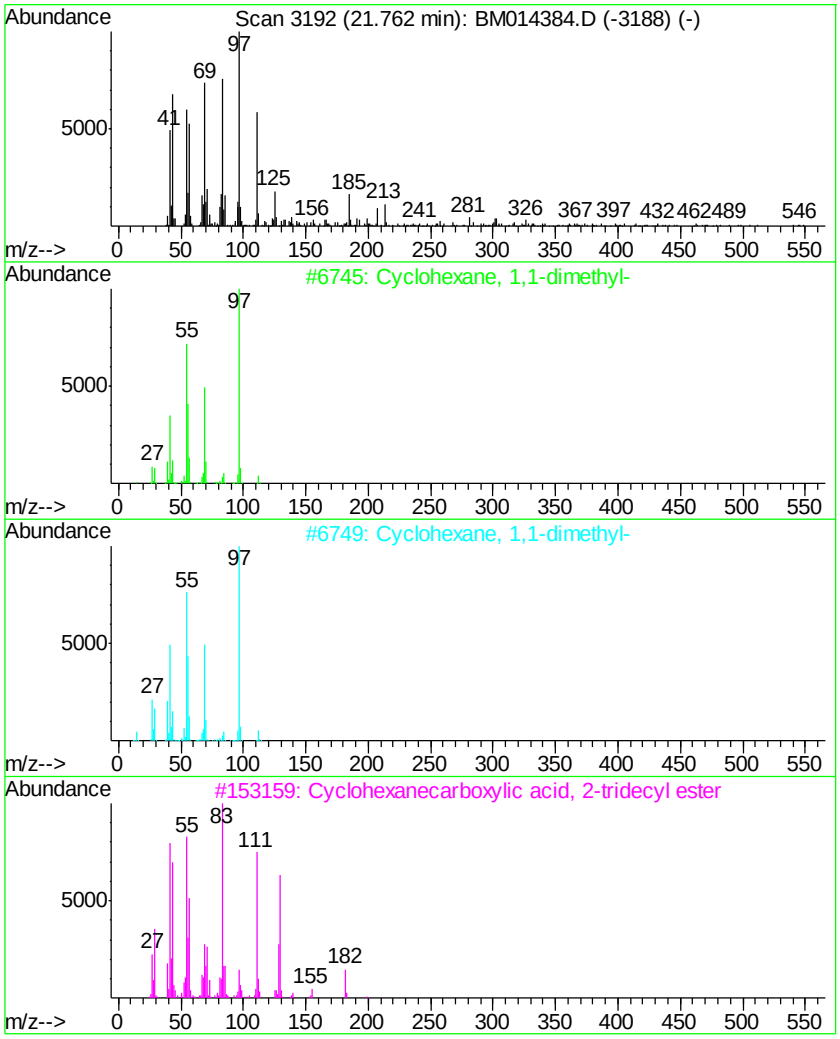
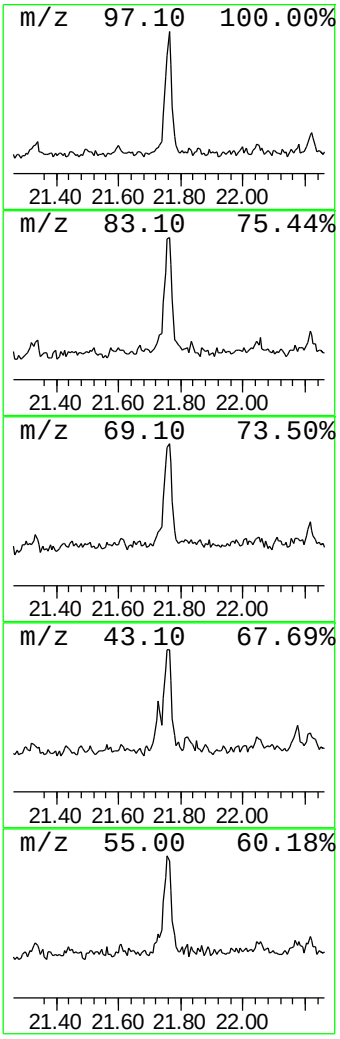
Peak Number 7 (DEL) Alkane: Cyclic21.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	15.72 ng/ul	1074500	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
3	Cyclohexanecarboxylic acid, 2-tr...	310	C20H38O2	1000280-59-3	38
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	38
5	Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	30





Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014384.D
Acq On : 27 Feb 2018 16:01
Operator : SJ/JU
Sample : J1631-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE607

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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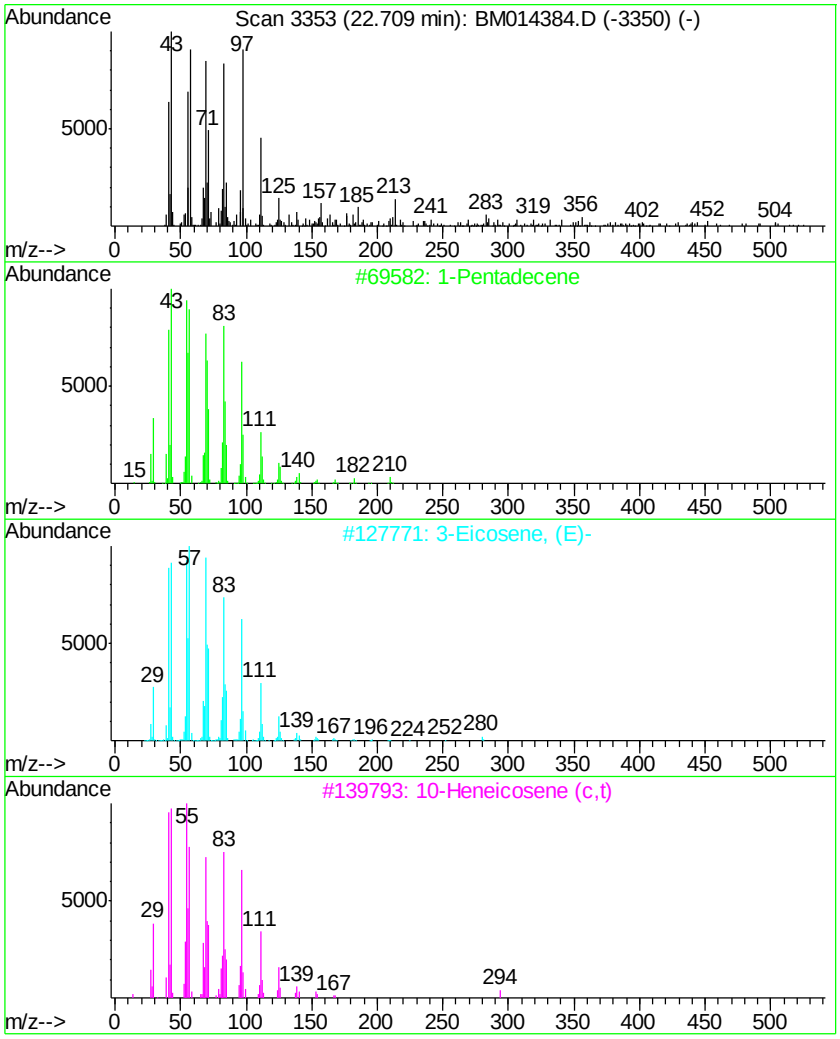
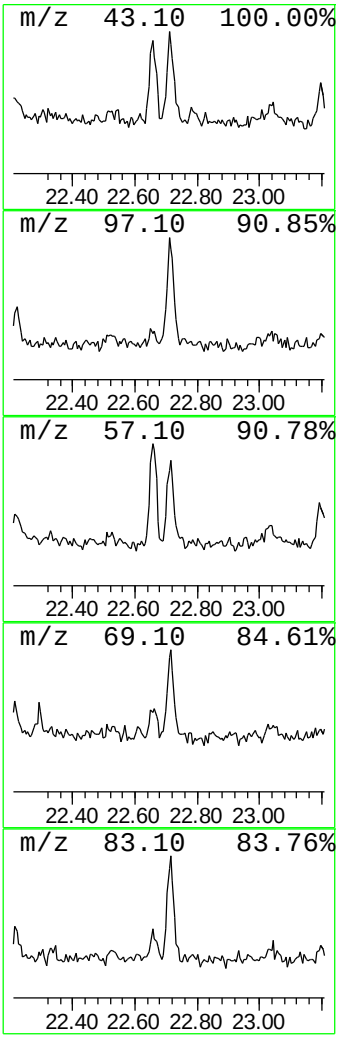
Peak Number 8 (DEL) Alkane: Cyclic22.71 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	12.53 ng/ul	729151	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	87
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	80
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	62
4	Cyclooctacosane	392	C28H56	000297-24-5	58
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM022718\
Data File : BM014384.D
Acq On : 27 Feb 2018 16:01
Operator : SJ/JU
Sample : J1631-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE607

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
unknown-01	4.68	3.6	ng/ul	128842	1	7.52	722300	20.0
p-Aminotoluene	8.42	3.4	ng/ul	123933	1	7.52	722300	20.0
(DEL) Alkane: Str...	15.91	2.3	ng/ul	167326	4	16.94	1436280	20.0
n-Hexadecanoic acid	17.85	11.4	ng/ul	816222	4	16.94	1436280	20.0
Octadecanoic acid	19.14	3.9	ng/ul	269273	5	21.16	1367370	20.0
(DEL) Alkane: Cyc...	20.87	18.1	ng/ul	1235800	5	21.16	1367370	20.0
(DEL) Alkane: Cyc...	21.76	15.7	ng/ul	1074500	5	21.16	1367370	20.0
(DEL) Alkane: Cyc...	22.71	12.5	ng/ul	729151	6	23.33	1163700	20.0