LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014100.D
Acq On : 02 Feb 2018 07:07
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C81

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-BM013118.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	3.728	121	126	131	rBV2	70661	103241	3.08%	0.255%
2	3.922	156	159	166	rVB5	24141	37101	1.11%	0.091%
3	4.704	288	292	294	rBV2	62872	78963	2.35%	0.195%
4	4.728	294	296	303	rVB2	50325	65260	1.95%	0.161%
5	5.981	505	509	515	rVB4	22705	36219	1.08%	0.089%
6	6.745	633	639	653	rBV	440690	845915	25.22%	2.086%
7	6.904	660	666	676	rBV	356993	554832	16.54%	1.368%
8	7.093	691	698	704	rBV	518791	849664	25.33%	2.095%
9	7.551	770	776	787	rBV	487975	845715	25.22%	2.085%
10	8.269	892	898	914	rBV2	559580	1029795	30.70%	2.539%
11	8.710	967	973	985	rBV	509614	909436	27.12%	2.243%
12	9.104	1036	1040	1046	rVB4	32712	50877	1.52%	0.125%
13	9.428	1089	1095	1105	rBV2	430960	813145	24.24%	2.005%
14	9.963	1180	1186	1202	rBV	575646	1138687	33.95%	2.808%
15	10.328	1239	1248	1256	rBV	706710	1205677	35.95%	2.973%
16	10.481	1267	1274	1296	rBV	404582	942266	28.09%	2.324%
17	13.027	1703	1707	1715	rVB6	22949	43505	1.30%	0.107%
18	13.627	1803	1809	1814	rBV	1207808	1785604	53.24%	4.403%
19	13.680	1814	1818	1826	rVB	243321	395698	11.80%	0.976%
20	13.898	1845	1855	1863	rBV	1438013	2139691	63.80%	5.276%
21	14.116	1888	1892	1896	rBV	65450	83097	2.48%	0.205%
22	14.210	1901	1908	1919	rVB2	1086978	1650620	49.21%	4.070%
23	14.457	1944	1950	1966	rBV2	239047	646499	19.28%	1.594%
24	14.745	1994	1999	2007	rVB4	81685	127876	3.81%	0.315%
25	15.074	2049	2055	2062	rVB	96932	124723	3.72%	0.308%
26	15.210	2072	2078	2087	rBV	1728615	2525825	75.31%	6.228%
27	15.357	2098	2103	2114	rBV	401004	725259	21.62%	1.788%
28	15.457	2116	2120	2122	rVV5	28939	45599	1.36%	0.112%
29	15.492	2123	2126	2130	rVB5	38096	52675	1.57%	0.130%
30	15.680	2154	2158	2163	rVB2	167045	214631	6.40%	0.529%
31	15.915	2193	2198	2199	rBV3	37233	48593	1.45%	0.120%
32	15.939	2199	2202	2209	rVV	78412	136634	4.07%	0.337%
33	16.004	2209	2213	2219	rVB2	77546	116034	3.46%	0.286%
34	16.492	2292	2296	2300	rBV4	41252	63879	1.90%	0.158%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C81

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

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Title : SVOA CALIBRATION

35	16.710	2329	2333	2334	rBV3	49126	58949	1.76%	0.145%
36	16.874	2357	2361	2364	rBV3	51938	82604	2.46%	0.204%
37	16.968	2371	2377	2383	rBV2	1369998	2013464	60.03%	4.965%
38	17.062	2388	2393	2407	rVV	1840568	2734550	81.53%	6.743%
39	17.192	2410	2415	2419	rVB2	91153	135928	4.05%	0.335%
40	17.468	2459	2462	2464	rBV3	26677	34811	1.04%	0.086%
41	17.504	2464	2468	2474	rVB8	35907	77889	2.32%	0.192%
42	17.562	2474	2478	2481	rBV6	41329	47462	1.42%	0.117%
43	17.604	2482	2485	2491	rBV8	24688	37317	1.11%	0.092%
44	17.751	2504	2510	2517	rBV3	121822	234140	6.98%	0.577%
45	17.874	2526	2531	2540	rBV3	269540	431425	12.86%	1.064%
46	17.951	2540	2544	2546	rVV5	25534	43976	1.31%	0.108%
47	18.004	2548	2553	2554	rVV4	38626	54671	1.63%	0.135%
48	18.039	2555	2559	2566	rVB2	118473	206472	6.16%	0.509%
49	18.186	2582	2584	2591	rVB7	29135	46513	1.39%	0.115%
50	18.351	2609	2612	2616	rVB5	47620	60260	1.80%	0.149%
51	18.439	2623	2627	2631	rBV7	24662	44945	1.34%	0.111%
52	18.509	2635	2639	2644	rVB	252834	331031	9.87%	0.816%
53	18.656	2660	2664	2669	rBV4	45505	84076	2.51%	0.207%
54	18.921	2704	2709	2713	rBV4	40131	73352	2.19%	0.181%
55	18.956	2713	2715	2719	rVB5	27555	39327	1.17%	0.097%
56	19.009	2720	2724	2728	rBV7	66934	111771	3.33%	0.276%
57	19.051	2729	2731	2735	rVV5	57417	63005	1.88%	0.155%
58	19.121	2739	2743	2746	rBV	35763	53876	1.61%	0.133%
59	19.162	2746	2750	2757	rBV7	104940	180106	5.37%	0.444%
60	19.368	2779	2785	2793	rBV	2393110	3353976	100.00%	8.271%
61	19.503	2804	2808	2812	rBV2	54164	76377	2.28%	0.188%
62	19.709	2836	2843	2847	rBV	210156	322690	9.62%	0.796%
63	19.909	2874	2877	2882	rVB7	66937	102233	3.05%	0.252%
64	20.186	2920	2924	2925	rBV4	26870	37027	1.10%	0.091%
65	20.256	2932	2936	2939	rBV6	50479	64838	1.93%	0.160%
66	20.480	2970	2974	2977	rBV	109725	138191	4.12%	0.341%
67	20.592	2989	2993	2998	rBV	119522	178272	5.32%	0.440%
68	20.662	3002	3005	3009	rVB3	40799	51814	1.54%	0.128%
69	20.892	3039	3044	3054	rBV2	437170	752263	22.43%	1.855%
70	21.168	3086	3091	3100	rBV	1687626	2376171	70.85%	5.859%
71	21.380	3124	3127	3132	rVB4	77245	109314	3.26%	0.270%

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Title : SVOA CALIBRATION

72	23.215	3432	3439	3448	rVB2	1710960	3186988	95.02%	7.859%
73	23.350	3456	3462	3471	rVB	1162062	2087591	62.24%	5.148%

Sum of corrected areas: 40552900

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Instrument : BNA_M
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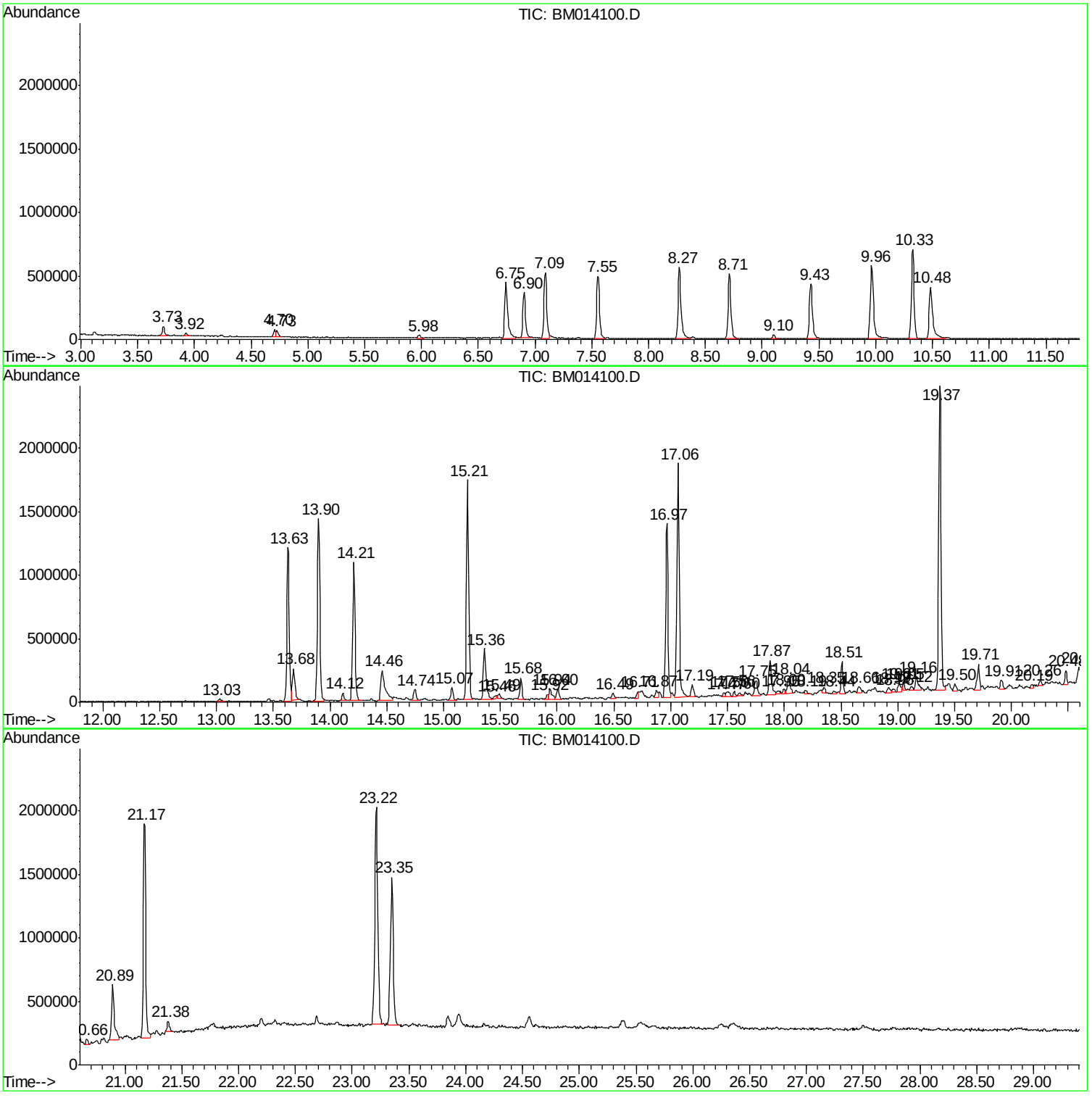
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
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Acq On : 02 Feb 2018 07:07
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Sample : J1315-18
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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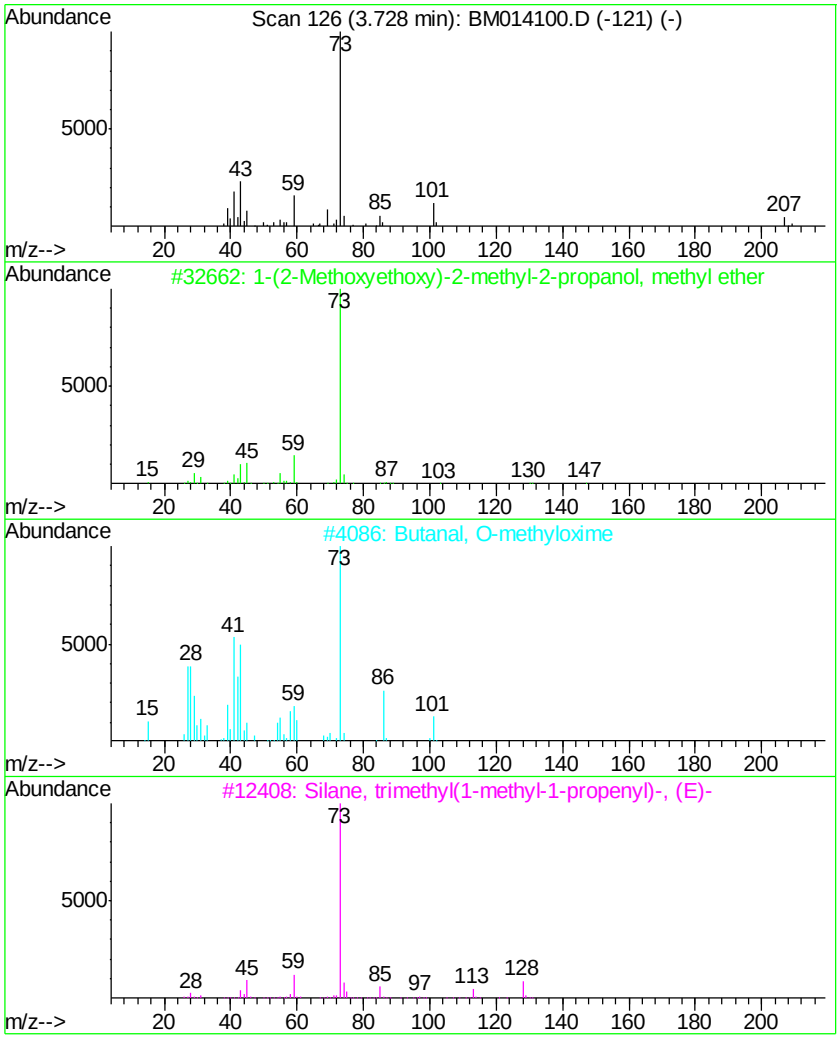
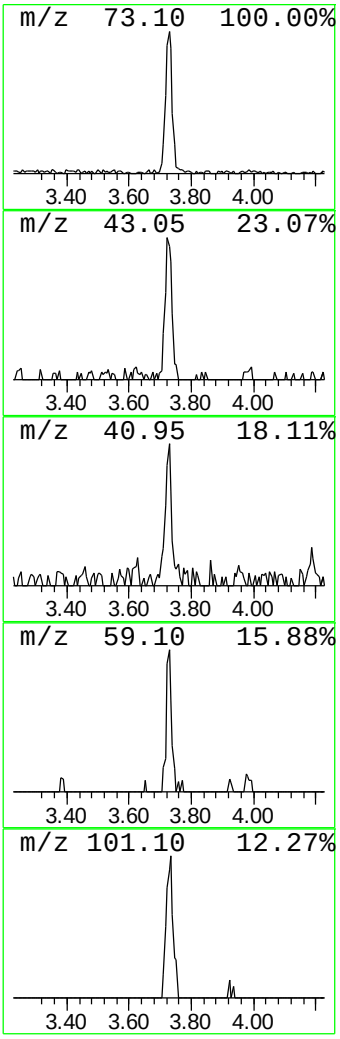
Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	2.44 ng/ul	103241	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	38
2	Butanal, O-methyloxime	101	C5H11NO	031376-98-4	28
3	Silane, trimethyl(1-methyl-1-pro...	128	C7H16Si	010111-13-4	23
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	10
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	10





Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014100.D
Acq On : 02 Feb 2018 07:07
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C81

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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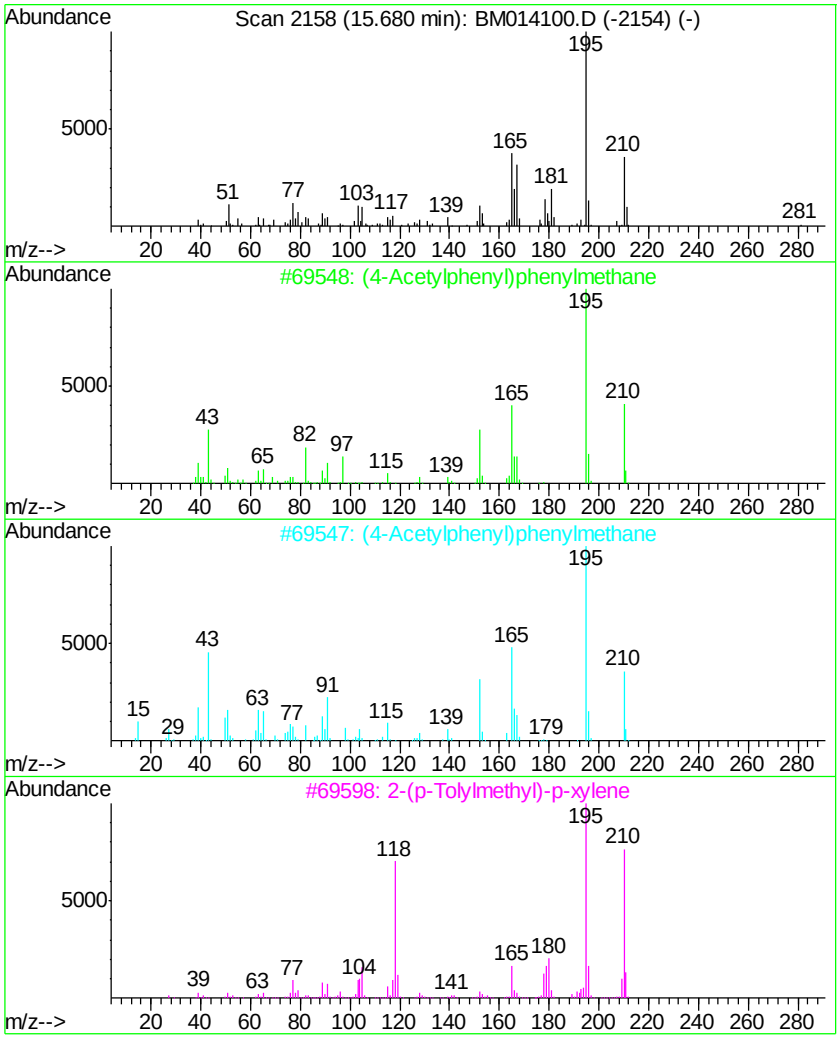
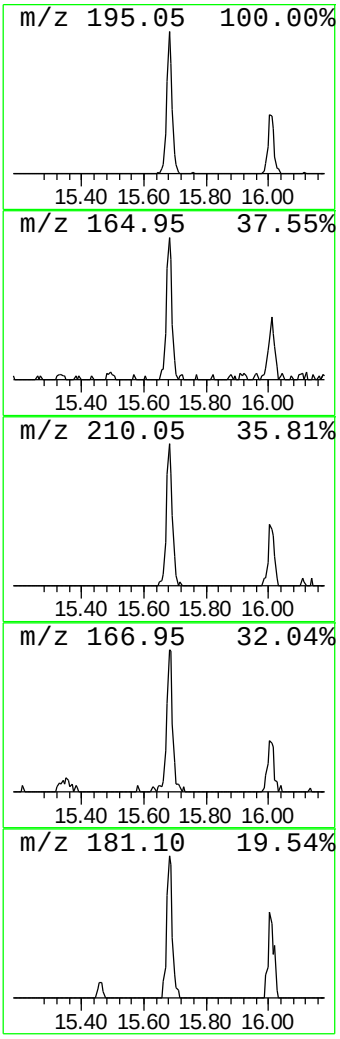
Peak Number 2 (4-Acetylphenyl)phenylmethane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.13 ng/ul	214631	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	86
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	70
3	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	50
4	8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	49
5	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	49





Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014100.D
Acq On : 02 Feb 2018 07:07
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C81

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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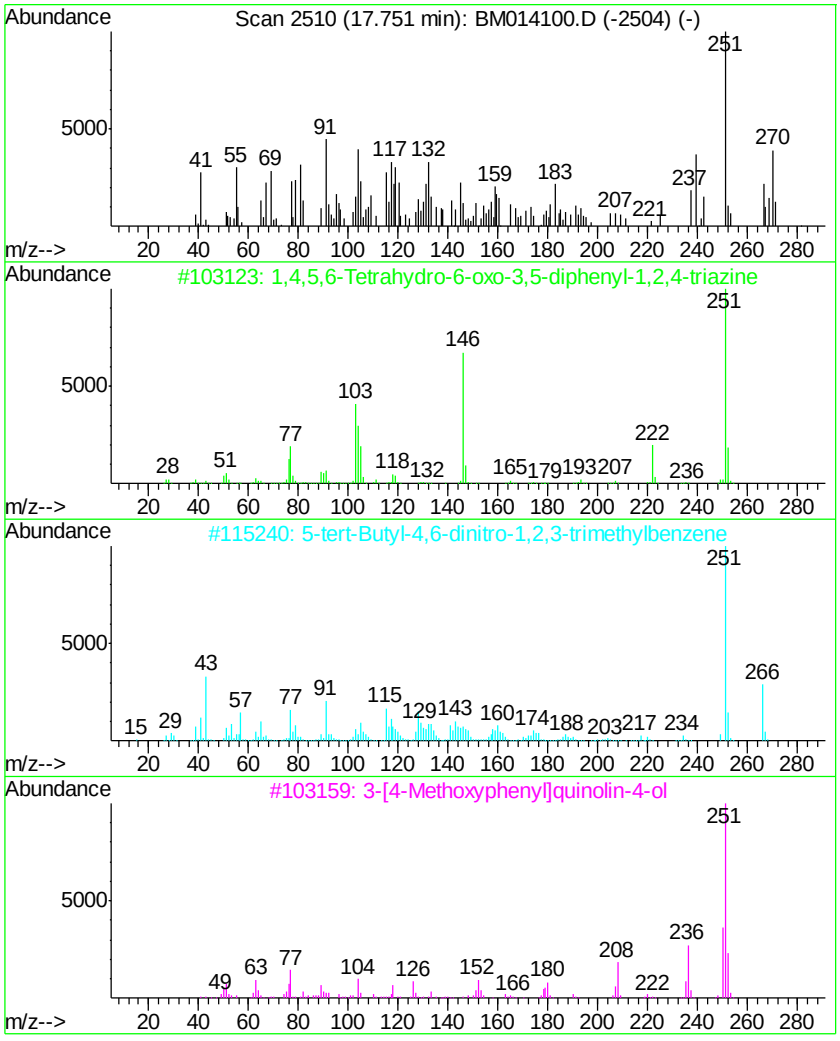
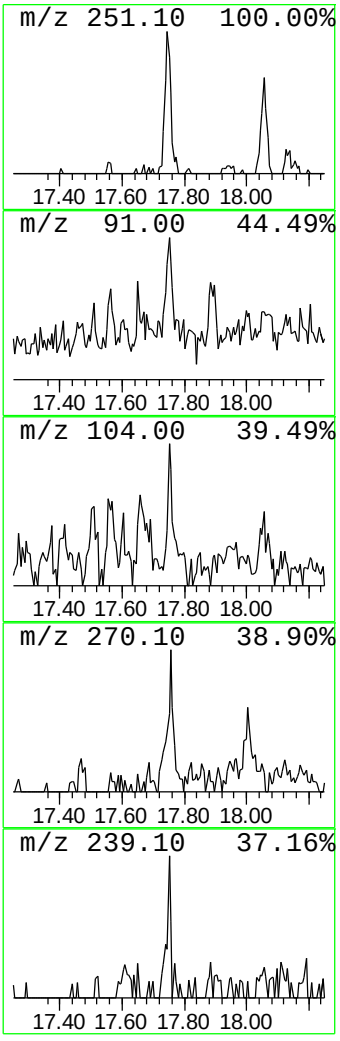
Peak Number 3 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	2.33 ng/ul	234140	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,6-Tetrahydro-6-oxo-3,5-dip...	251	C15H13N3O	030560-87-3	35
2	5-tert-Butyl-4,6-dinitro-1,2,3-t...	266	C13H18N2O4	000145-39-1	30
3	3-[4-Methoxyphenyl]quinolin-4-ol	251	C16H13NO2	1000254-66-9	25
4	Isoindole, 1,3-dihydro-1-imino-2...	251	C16H17N3	1000263-91-7	22
5	7H-Pyrazolo[4,3-E][1,2,4]triazol...	251	C12H9N7	1000310-01-6	22





Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
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Sample : J1315-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C81

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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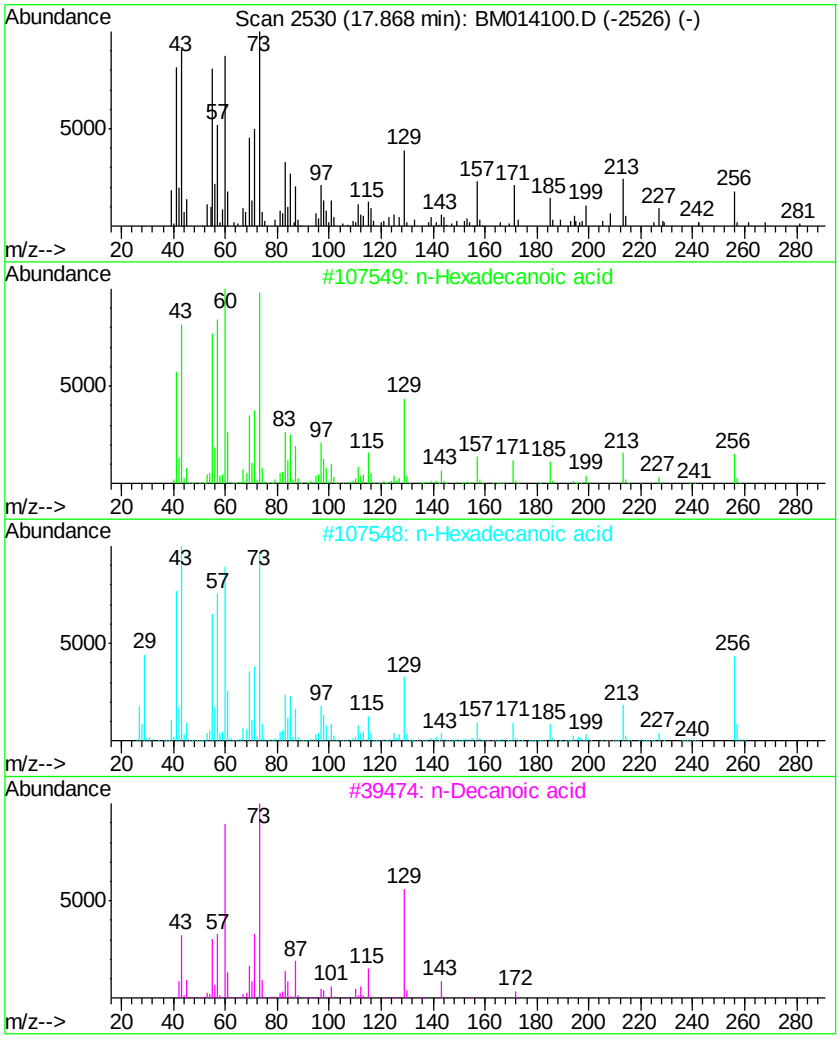
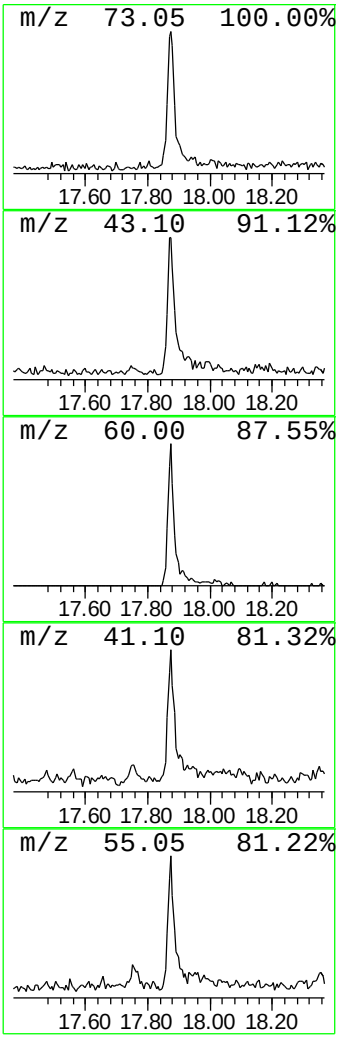
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.29 ng/ul	431425	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	66
4	1,2-Benzisothiazole, 3-(hexahydr...	264	C13H16N2O2S	309735-29-3	56
5	Tridecanoic acid	214	C13H26O2	000638-53-9	55





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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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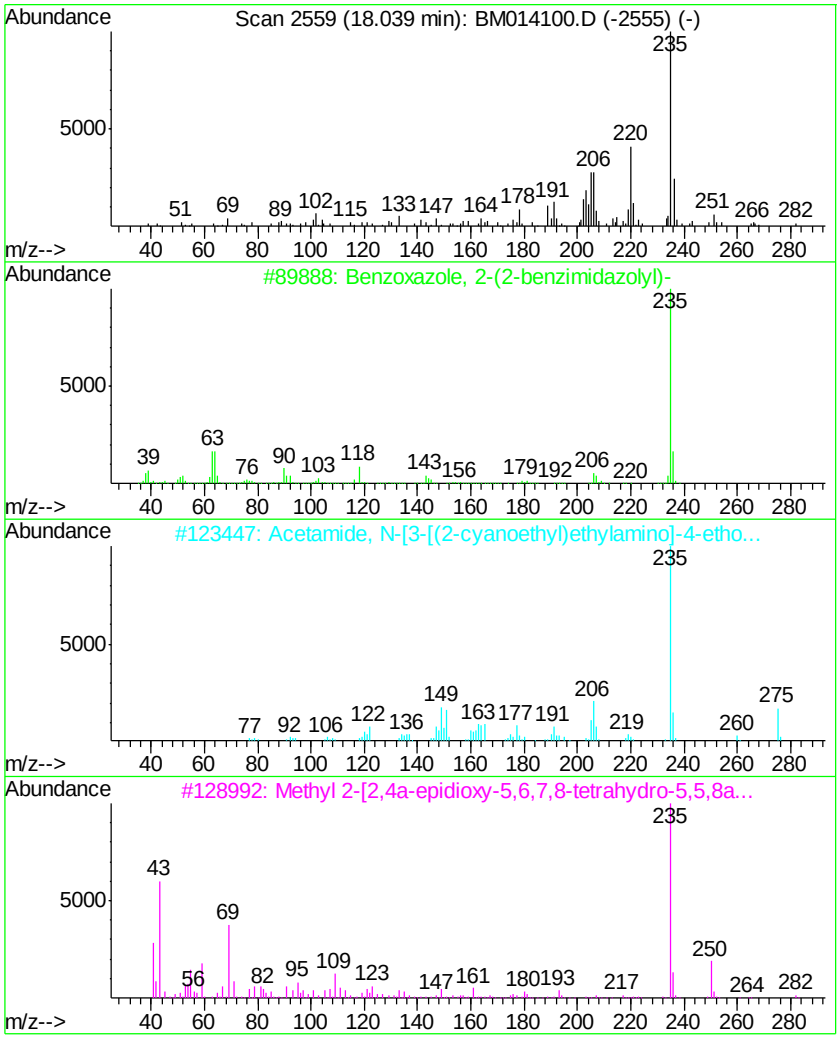
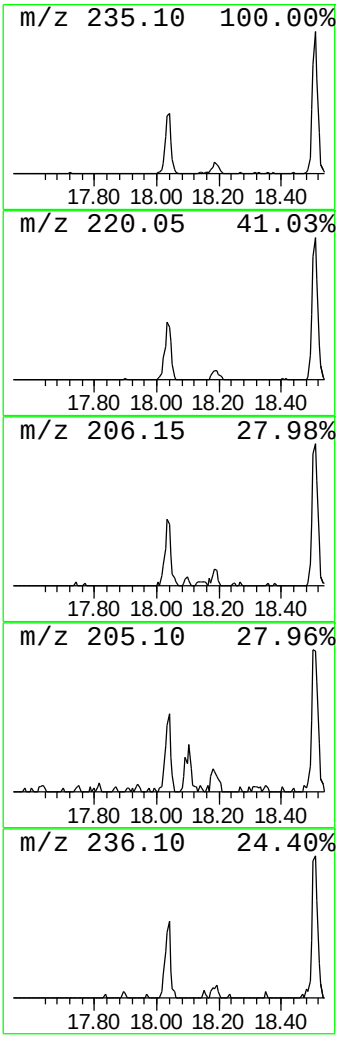
Peak Number 5 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.05 ng/ul	206472	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoxazole, 2-(2-benzimidazolyl)-	235	C14H9N3O	014595-67-6	38
2	Acetamide, N-[3-[(2-cyanoethyl)e...	275	C15H21N3O2	067905-64-0	37
3	Methyl 2-[2,4a-epidioxy-5,6,7,8-...	282	C15H22O5	1000212-29-7	35
4	N-(4-Hydroxyphenyl)-2-naphthylamine	235	C16H13NO	000093-45-8	32
5	2-(1-Piperidino)-3,5-dinitropyri...	252	C10H12N4O4	090871-11-7	28





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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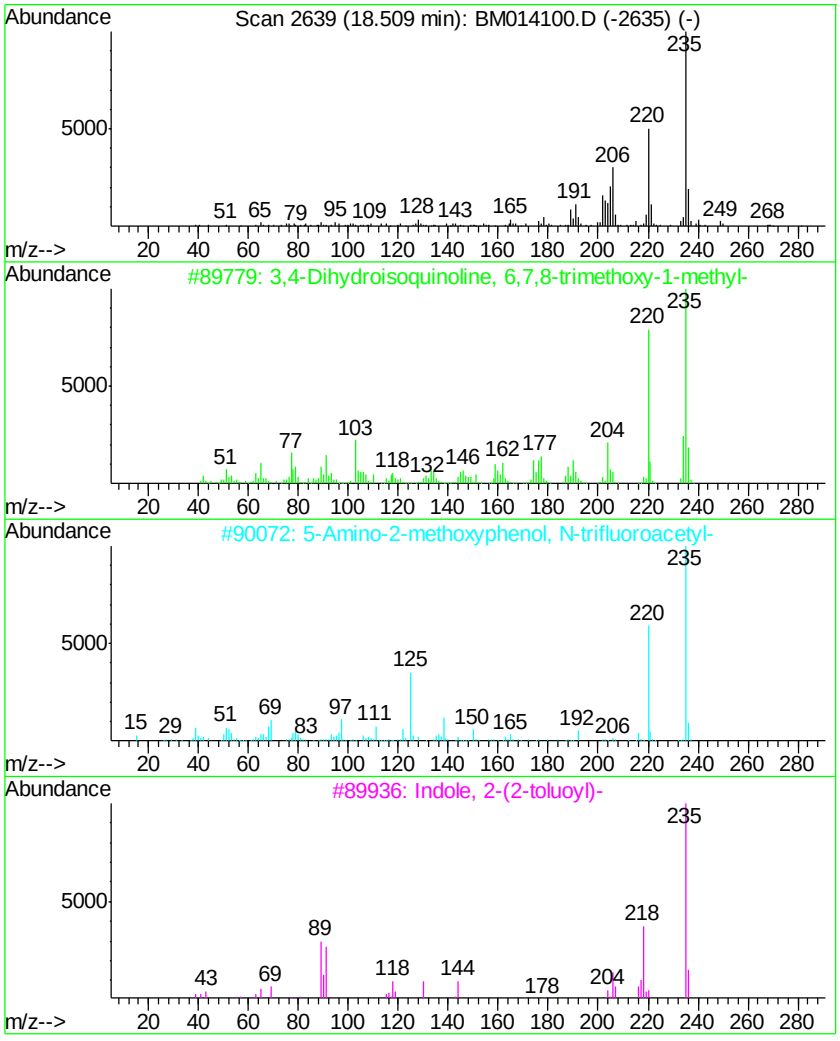
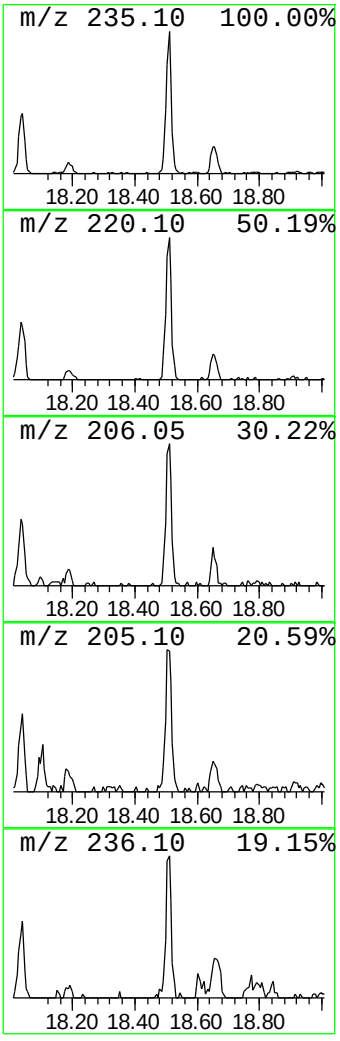
Peak Number 6 3,4-Dihydroisoquinoline, 6,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	3.29 ng/ul	331031	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydroisoquinoline, 6,7,8-t...	235	C13H17NO3	004838-98-6	76
2	5-Amino-2-methoxyphenol, N-trifl...	235	C9H8F3NO3	1000374-88-0	47
3	Indole, 2-(2-toluoyl)-	235	C16H13NO	001026-19-3	43
4	Pyrimidine-5-carbonitrile, 1,2,3...	235	C9H5N3OS2	109532-65-2	38
5	Propanedinitrile, 2-[5-(methyl)(...	235	C15H13N3	014318-44-6	38





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TIC Integration Parameters: LSCINT.P

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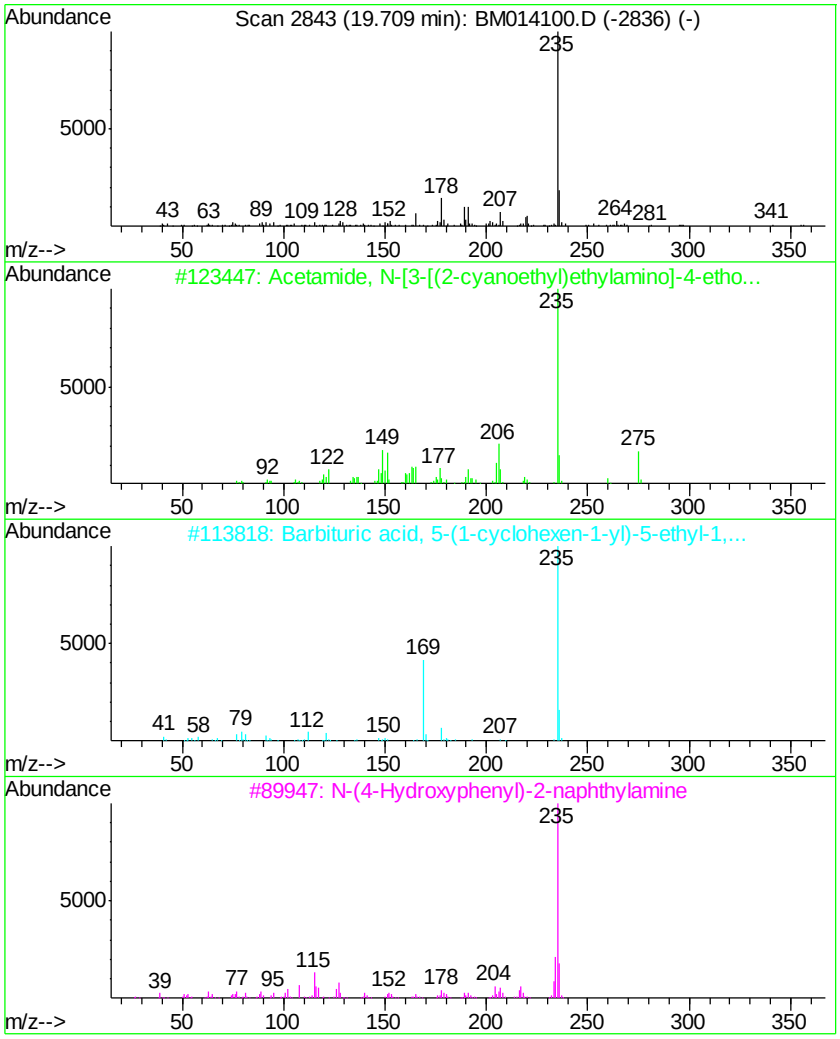
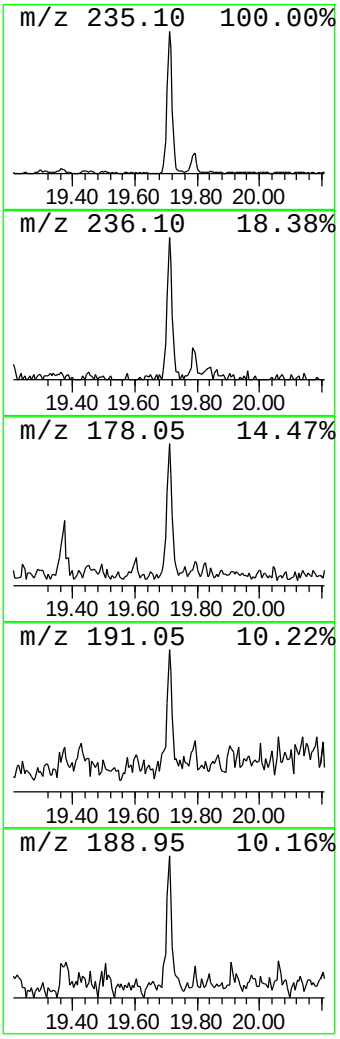
Peak Number 7 Acetamide, N-[3-[(2-cyanoet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.72 ng/ul	322690	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-[3-[(2-cyanoethyl)e...	275	C15H21N3O2	067905-64-0	64
2	Barbituric acid, 5-(1-cyclohexen...	264	C14H20N2O3	000891-90-7	59
3	N-(4-Hydroxyphenyl)-2-naphthylamine	235	C16H13NO	000093-45-8	58
4	Indole, 2-(2-toluoyl)-	235	C16H13NO	001026-19-3	53
5	Pyrazole, 5-amino-1,3-diphenyl-	235	C15H13N3	005356-71-8	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014100.D
Acq On : 02 Feb 2018 07:07
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C81

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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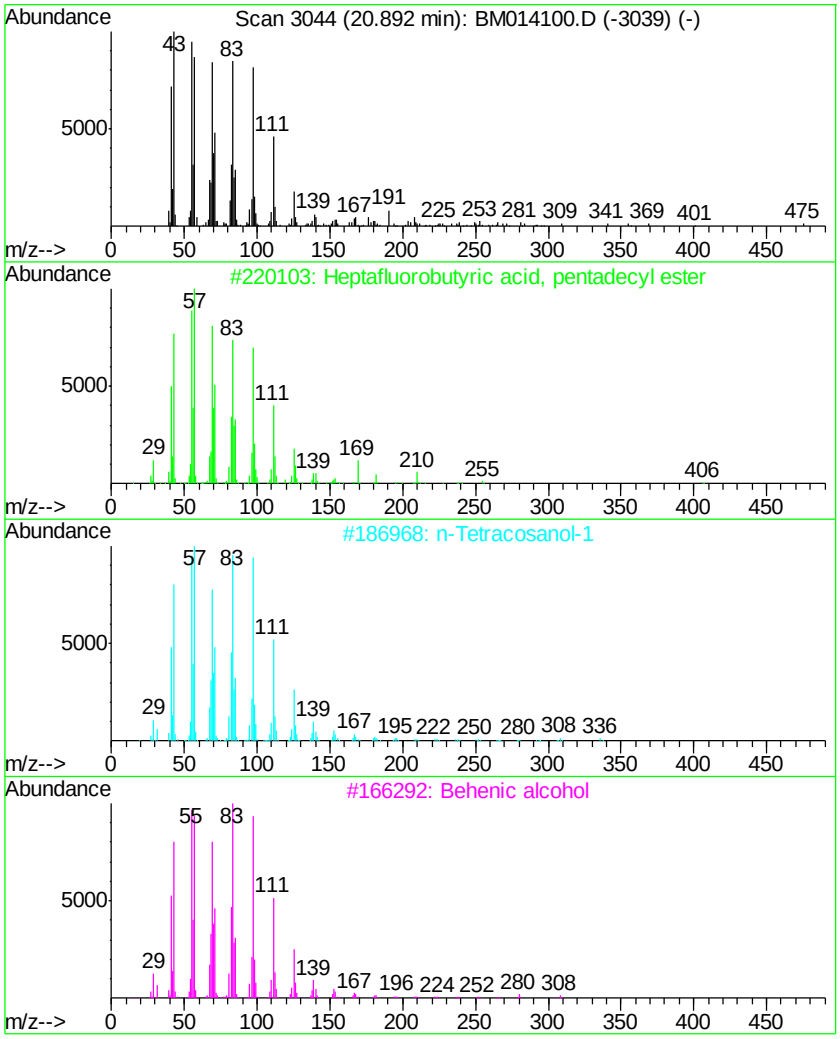
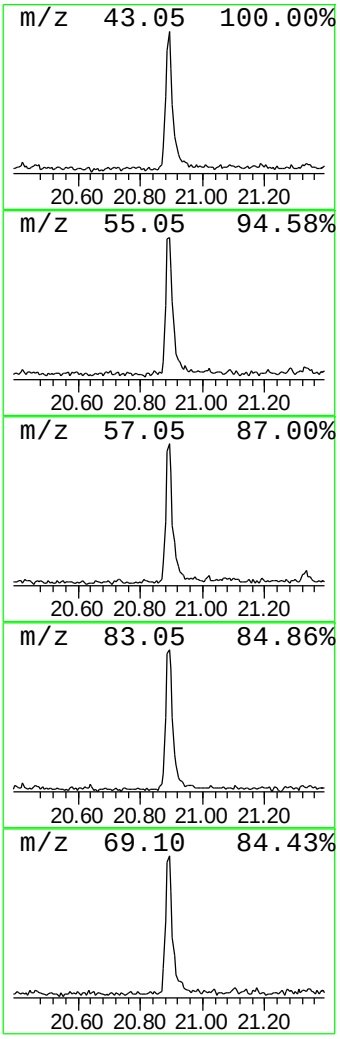
Peak Number 8 Heptafluorobutyric acid, pe... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.33 ng/ul	752263	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
3	Behenic alcohol	326	C22H46O	000661-19-8	76
4	1-Heneicosanol	312	C21H44O	015594-90-8	76
5	1-Docosene	308	C22H44	001599-67-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020118\
Data File : BM014100.D
Acq On : 02 Feb 2018 07:07
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C81

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.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	3.73	2.4	ng/ul	103241	1	7.55	845715	20.0
(4-Acetylphenyl)p...	15.68	2.1	ng/ul	214631	4	16.97	2013460	20.0
unknown-02	17.75	2.3	ng/ul	234140	4	16.97	2013460	20.0
n-Hexadecanoic acid	17.87	4.3	ng/ul	431425	4	16.97	2013460	20.0
unknown-03	18.04	2.0	ng/ul	206472	4	16.97	2013460	20.0
3,4-Dihydroisoqui...	18.51	3.3	ng/ul	331031	4	16.97	2013460	20.0
Acetamide, N-[3-[...	19.71	2.7	ng/ul	322690	5	21.17	2376170	20.0
Heptafluorobutyri...	20.89	6.3	ng/ul	752263	5	21.17	2376170	20.0