LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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	6.769	636	643	657	rBV2	640145	1189588	13.02%	1.357%
2	6.928	661	670	681	rVB	505750	762907	8.35%	0.870%
3	7.116	695	702	714	rBV	699931	1111630	12.16%	1.268%
4	7.581	774	781	791	rBV	673962	1067128	11.68%	1.217%
5	8.292	896	902	916	rBV	840063	1417064	15.51%	1.616%
6	8.733	970	977	985	rBV	704148	1186721	12.99%	1.353%
7	9.451	1091	1099	1111	rBV	609395	1051373	11.50%	1.199%
8	9.986	1182	1190	1205	rBV	872233	1568159	17.16%	1.788%
9	10.351	1242	1252	1257	rBV	864205	1476903	16.16%	1.684%
10	10.404	1257	1261	1267	rVB	458223	754442	8.26%	0.860%
11	10.504	1272	1278	1290	rBV	662484	1256323	13.75%	1.433%
12	12.027	1530	1537	1546	rBV	1153641	1872947	20.49%	2.136%
13	12.245	1564	1574	1583	rVB	547454	923477	10.10%	1.053%
14	13.057	1707	1712	1720	rVB	385503	591271	6.47%	0.674%
15	13.251	1739	1745	1757	rVB	150668	295178	3.23%	0.337%
16	13.386	1762	1768	1770	rBV2	195875	297212	3.25%	0.339%
17	13.545	1788	1795	1801	rBV	287878	520863	5.70%	0.594%
18	13.604	1801	1805	1808	rVV	187041	259883	2.84%	0.296%
19	13.651	1808	1813	1817	rVV	1542216	2080752	22.77%	2.373%
20	13.698	1817	1821	1827	rVB	636755	880949	9.64%	1.005%
21	13.786	1831	1836	1839	rBV	118626	174424	1.91%	0.199%
22	13.921	1848	1859	1871	rBV	1820796	2731528	29.89%	3.115%
23	14.233	1902	1912	1917	rBV3	1214996	2227075	24.37%	2.540%
24	14.298	1917	1923	1932	rVB	2079120	3115325	34.09%	3.553%
25	14.380	1932	1937	1942	rVB	81736	125818	1.38%	0.143%
26	14.468	1942	1952	1961	rBV2	382862	818187	8.95%	0.933%
27	14.545	1961	1965	1969	rVB	95067	150515	1.65%	0.172%
28	14.633	1974	1980	1986	rVV	1447967	2102882	23.01%	2.398%
29	14.857	2011	2018	2024	rBV5	98504	192366	2.10%	0.219%
30	14.910	2024	2027	2035	rVB3	60216	96451	1.06%	0.110%
31	15.233	2076	2082	2087	rBV	2185622	3030809	33.16%	3.457%
32	15.286	2087	2091	2097	rVB	1990646	2673412	29.25%	3.049%
33	15.380	2102	2107	2110	rBV2	487718	733841	8.03%	0.837%
34	15.409	2110	2112	2115	rVV	136137	173843	1.90%	0.198%

LSC Area Percent Report

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Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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

35	15.451	2115	2119	2124	rVB	250499	351087	3.84%	0.400%
36	15.539	2130	2134	2137	rVV	108935	140033	1.53%	0.160%
37	15.586	2137	2142	2150	rVB2	306286	595187	6.51%	0.679%
38	15.704	2157	2162	2163	rBV2	89994	119686	1.31%	0.136%
39	15.727	2163	2166	2174	rVV	301948	604471	6.61%	0.689%
40	15.798	2174	2178	2180	rVV3	63304	107028	1.17%	0.122%
41	15.962	2201	2206	2213	rBV5	68340	143588	1.57%	0.164%
42	16.086	2221	2227	2232	rBV3	108973	170887	1.87%	0.195%
43	16.292	2251	2262	2267	rBV2	195425	455007	4.98%	0.519%
44	16.339	2267	2270	2276	rVV4	68159	102088	1.12%	0.116%
45	16.439	2283	2287	2293	rVB2	78938	136661	1.50%	0.156%
46	16.721	2329	2335	2337	rBV2	105281	167402	1.83%	0.191%
47	16.804	2344	2349	2360	rVB	414029	622547	6.81%	0.710%
48	16.986	2374	2380	2383	rBV	1481402	2080901	22.77%	2.373%
49	17.033	2383	2388	2393	rVV	6791852	9138885	100.00%	10.423%
50	17.086	2393	2397	2401	rVV2	2296554	3316522	36.29%	3.782%
51	17.121	2401	2403	2409	rVB	704505	796936	8.72%	0.909%
52	17.398	2444	2450	2459	rBV	226041	443620	4.85%	0.506%
53	17.509	2462	2469	2476	rVV3	120468	244169	2.67%	0.278%
54	17.568	2476	2479	2488	rVB6	53623	129683	1.42%	0.148%
55	17.862	2522	2529	2532	rBV	395803	598582	6.55%	0.683%
56	17.909	2532	2537	2544	rVV2	631513	1262740	13.82%	1.440%
57	17.992	2545	2551	2556	rVV	188463	317783	3.48%	0.362%
58	18.056	2556	2562	2566	rVV2	744110	1182203	12.94%	1.348%
59	18.098	2566	2569	2576	rVB	189203	255241	2.79%	0.291%
60	18.180	2578	2583	2587	rBV5	66248	100912	1.10%	0.115%
61	18.368	2610	2615	2621	rVV	316686	428792	4.69%	0.489%
62	18.786	2681	2686	2690	rBV2	96385	160430	1.76%	0.183%
63	19.056	2724	2732	2739	rBV	3483840	4834957	52.91%	5.514%
64	19.180	2746	2753	2760	rBV5	182951	325935	3.57%	0.372%
65	19.297	2767	2773	2777	rBV2	65595	97057	1.06%	0.111%
66	19.392	2783	2789	2791	rBV	3136665	4434312	48.52%	5.057%
67	19.421	2791	2794	2803	rVV	2112755	2912880	31.87%	3.322%
68	19.492	2803	2806	2813	rVB3	116006	184057	2.01%	0.210%
69	19.603	2821	2825	2830	rBV	137794	189852	2.08%	0.217%
70	19.739	2844	2848	2851	rBV	103878	175406	1.92%	0.200%
71	19.921	2874	2879	2886	rVB	371429	531920	5.82%	0.607%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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

72	20.021	2891	2896	2900	rBV	403575	529183	5.79%	0.604%
73	20.074	2900	2905	2909	rVV2	125914	217456	2.38%	0.248%
74	20.268	2934	2938	2943	rVB3	58795	96348	1.05%	0.110%
75	20.874	3038	3041	3043	rVV2	102693	124208	1.36%	0.142%
76	20.909	3043	3047	3058	rVB3	487599	849327	9.29%	0.969%
77	21.186	3087	3094	3098	rBV2	2106191	3176625	34.76%	3.623%
78	21.221	3098	3100	3110	rVB	410866	525172	5.75%	0.599%
79	21.339	3117	3120	3125	rVV3	110188	148073	1.62%	0.169%
80	23.238	3437	3443	3449	rBV2	1741052	3183727	34.84%	3.631%
81	23.374	3460	3466	3473	rVB	1170395	2062749	22.57%	2.352%

Sum of corrected areas: 87683561

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
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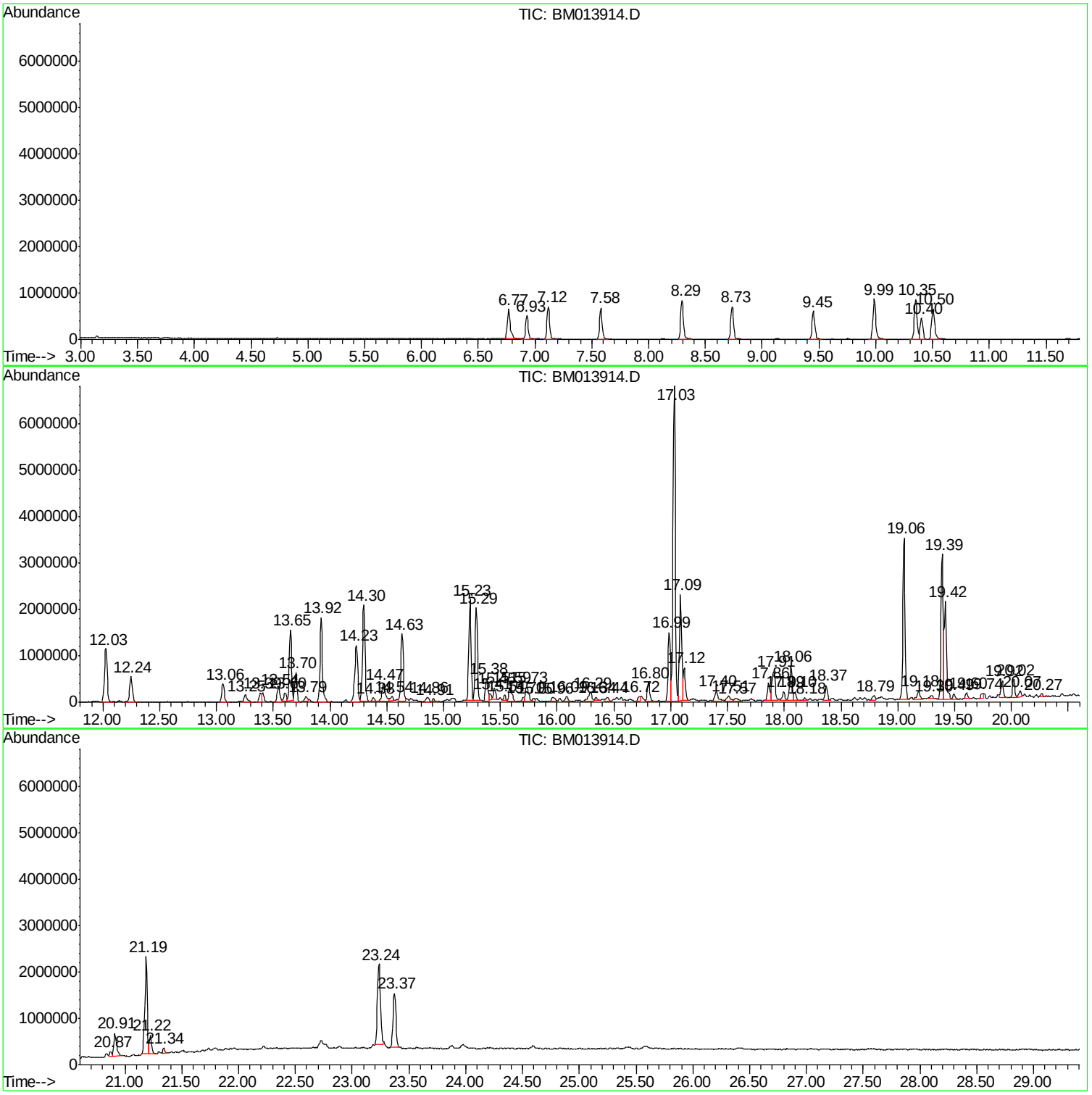
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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

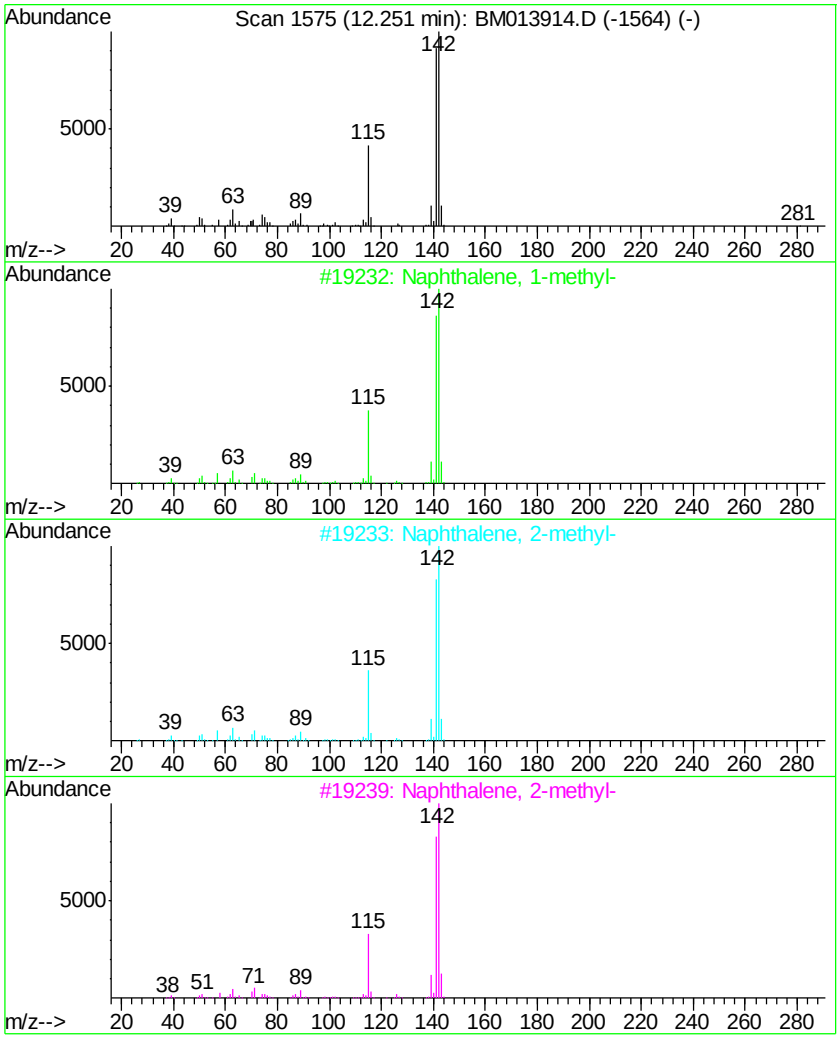
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

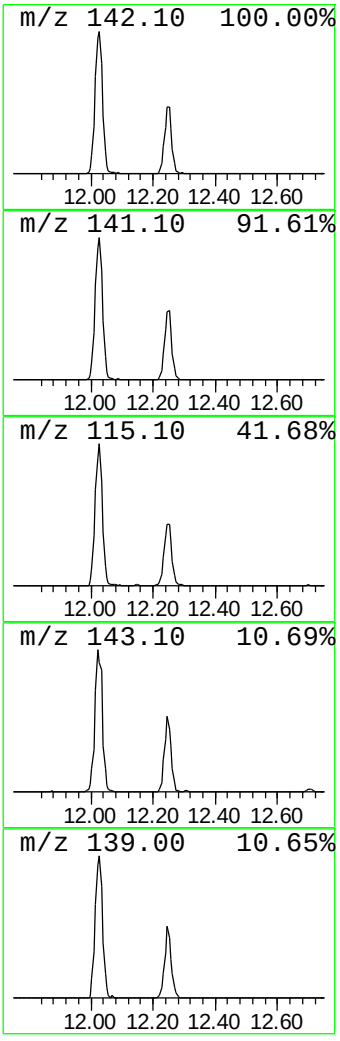
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	12.51 ng/ul	923477	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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

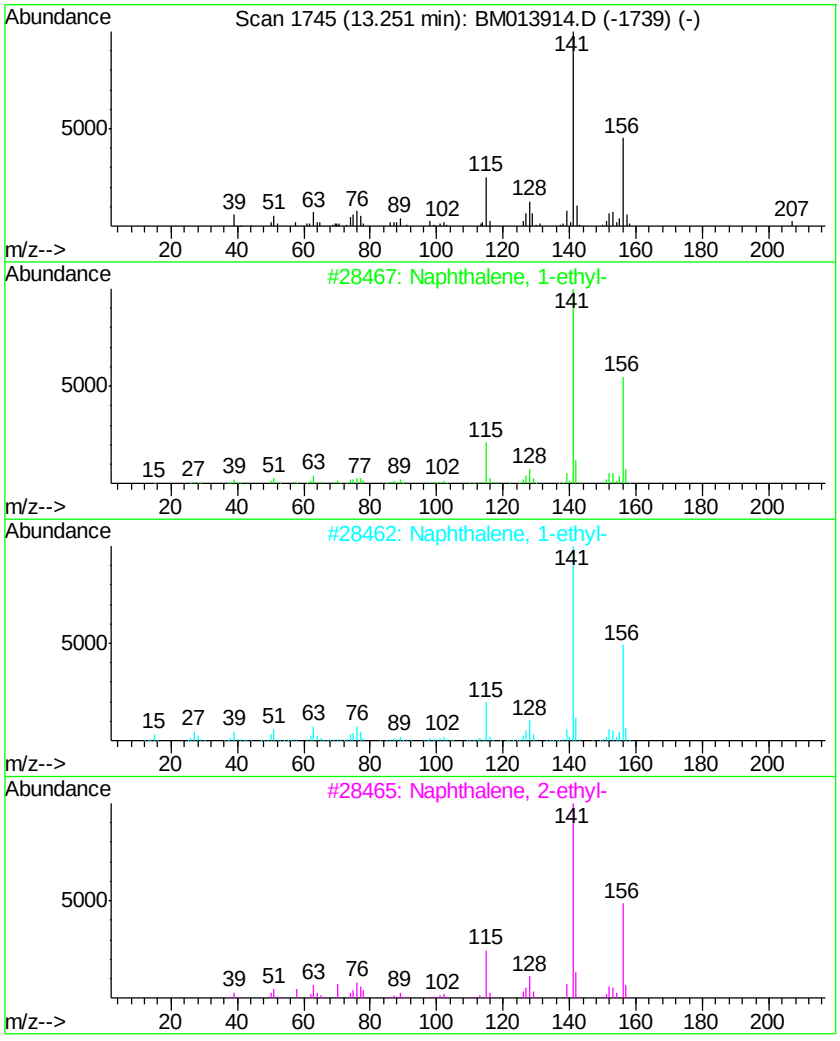
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

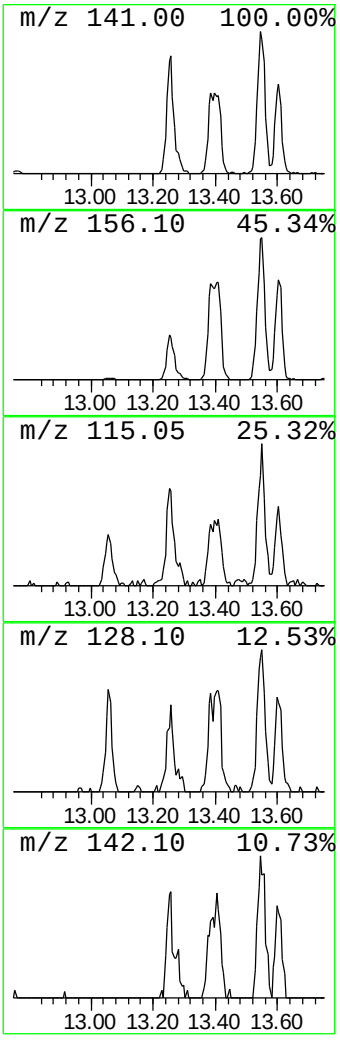
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.65 ng/ul	295178	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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

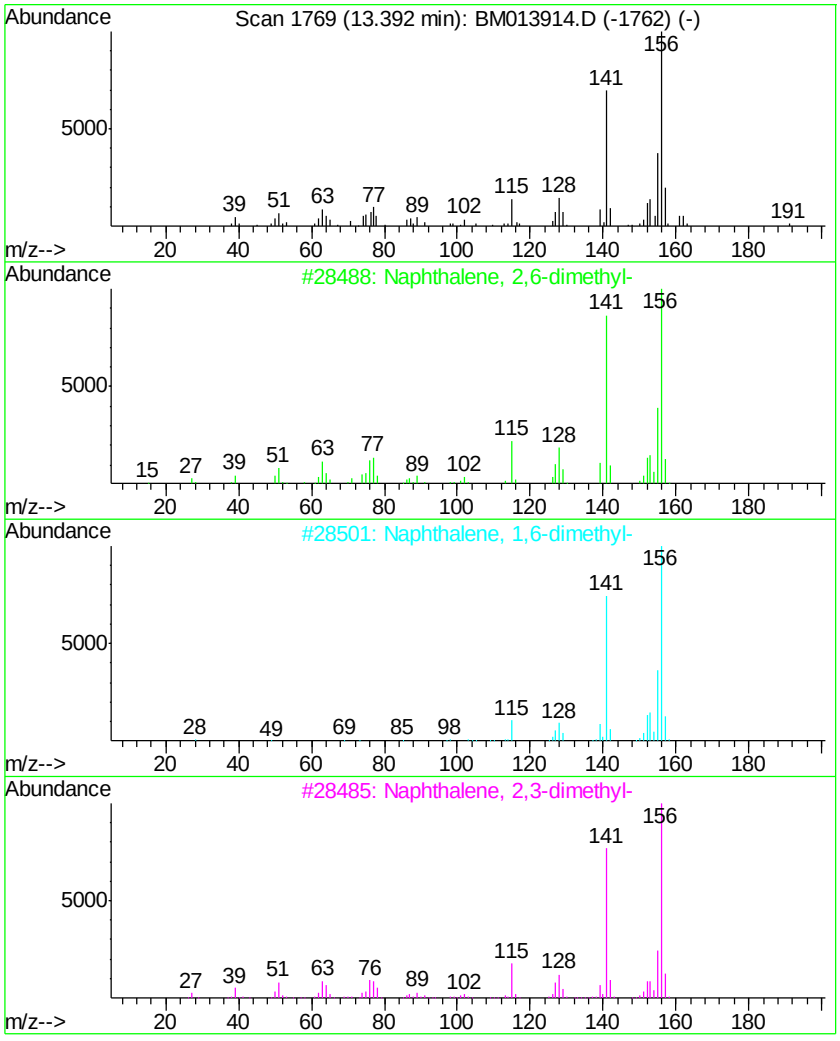
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

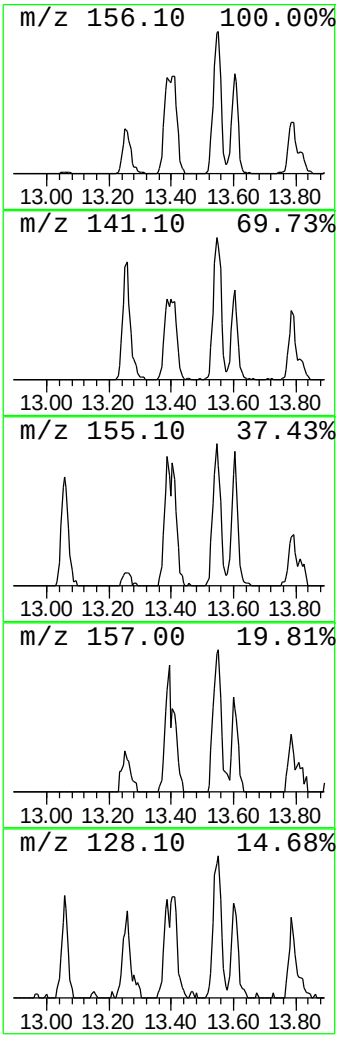
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.67 ng/ul	297212	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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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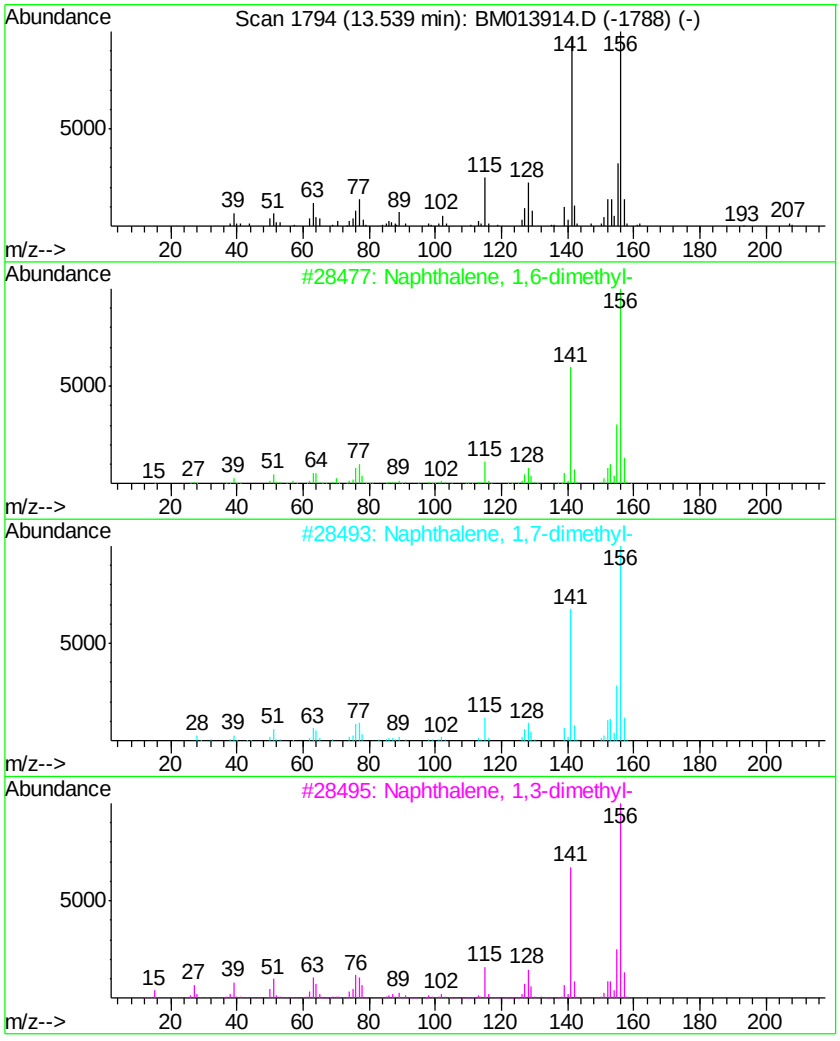
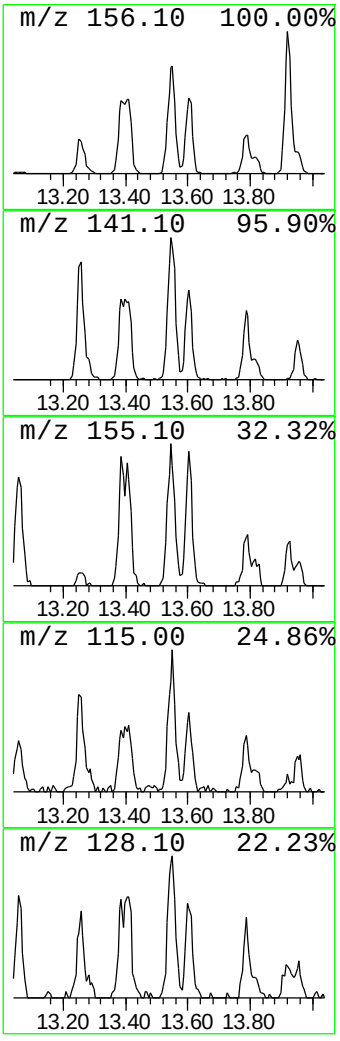
Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	4.68 ng/ul	520863	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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

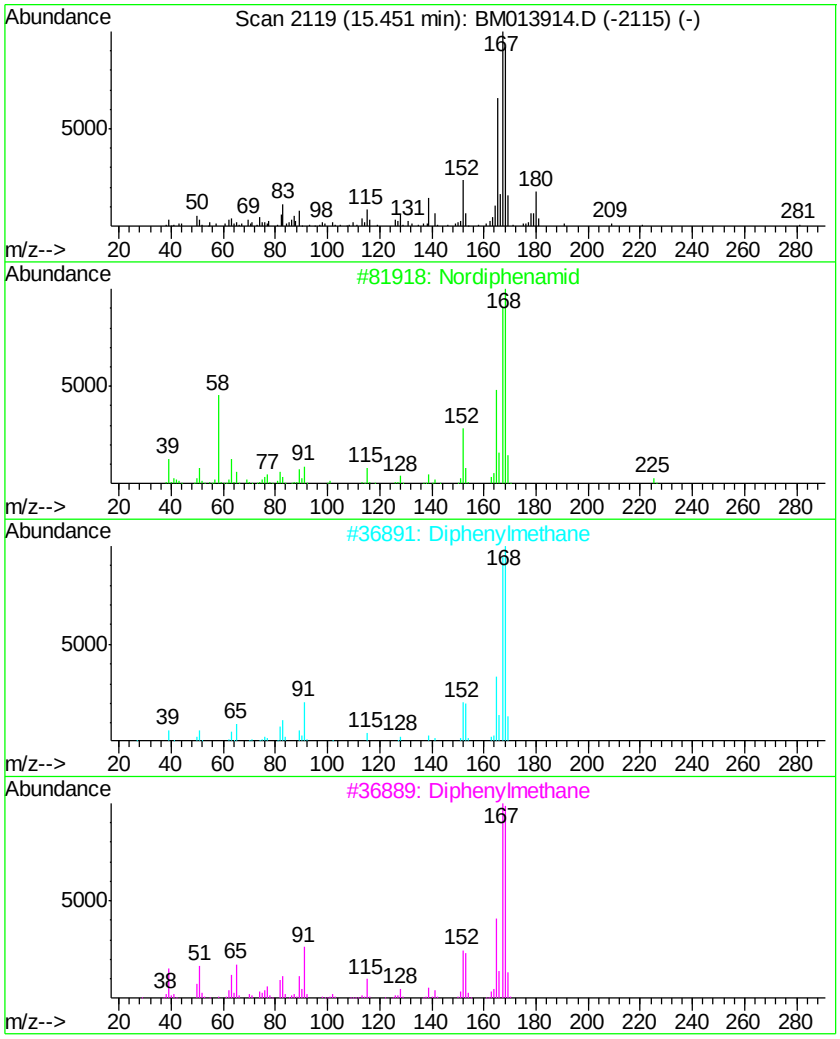
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

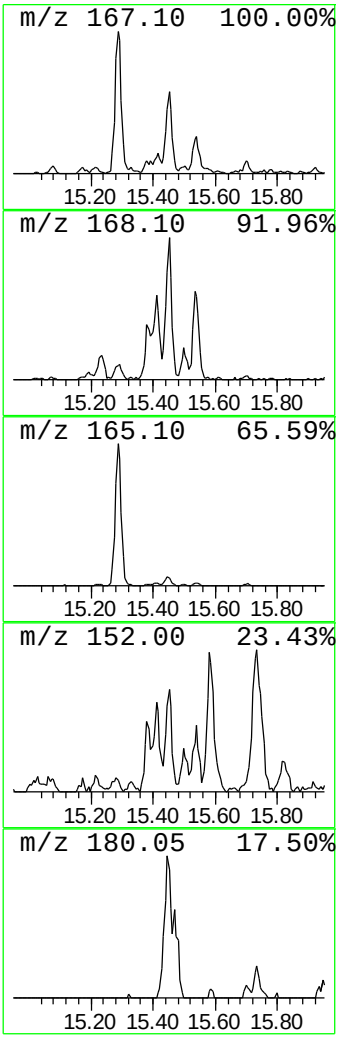
****

Peak Number 5 Nordiphenamid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	3.15 ng/ul	351087	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	78
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Diphenylmethane	168	C13H12	000101-81-5	76
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70
5	Diphenylmethane	168	C13H12	000101-81-5	68





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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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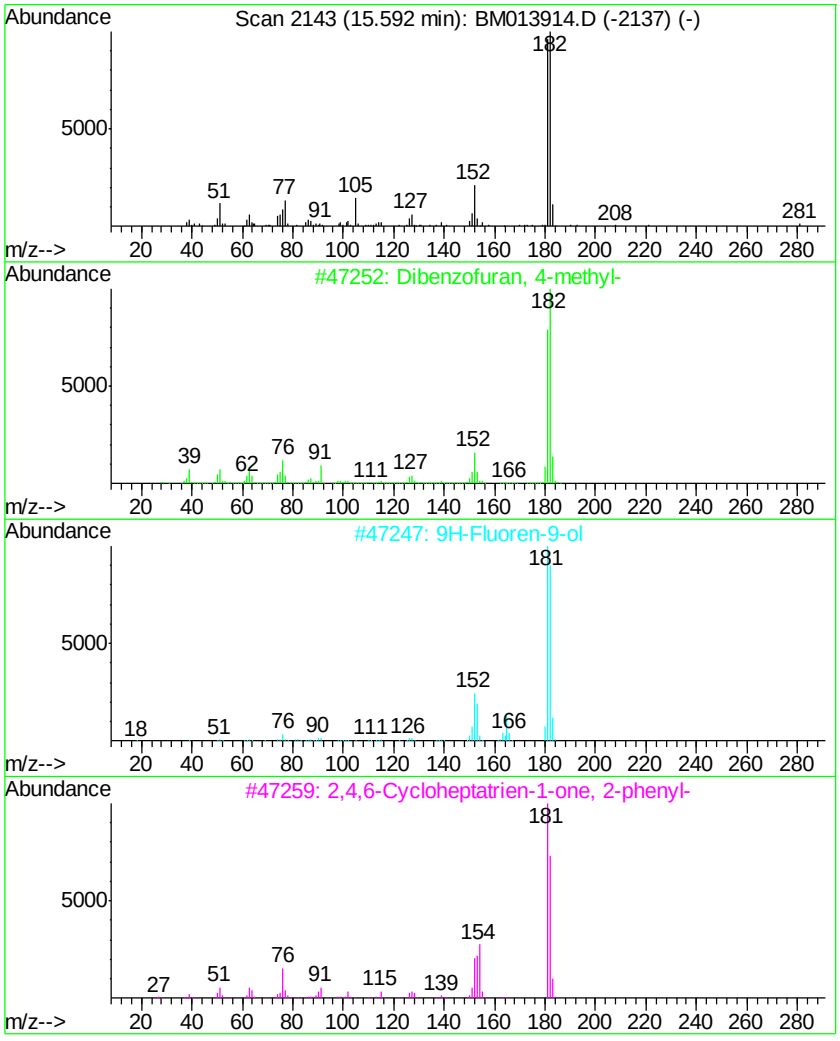
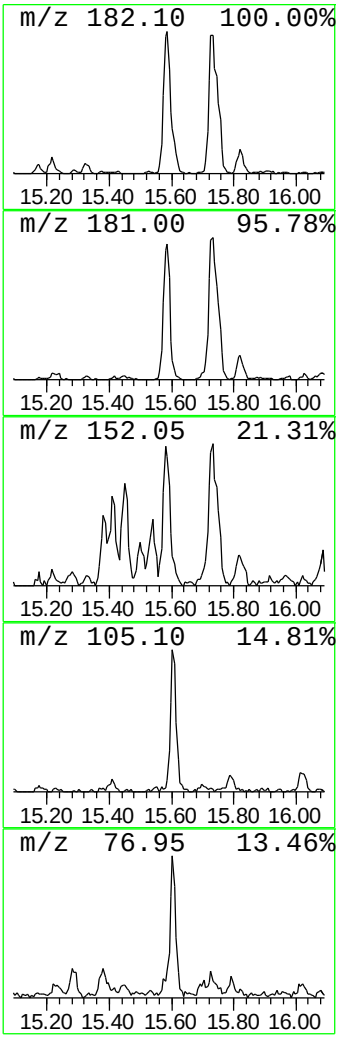
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	5.35 ng/ul	595187	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





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Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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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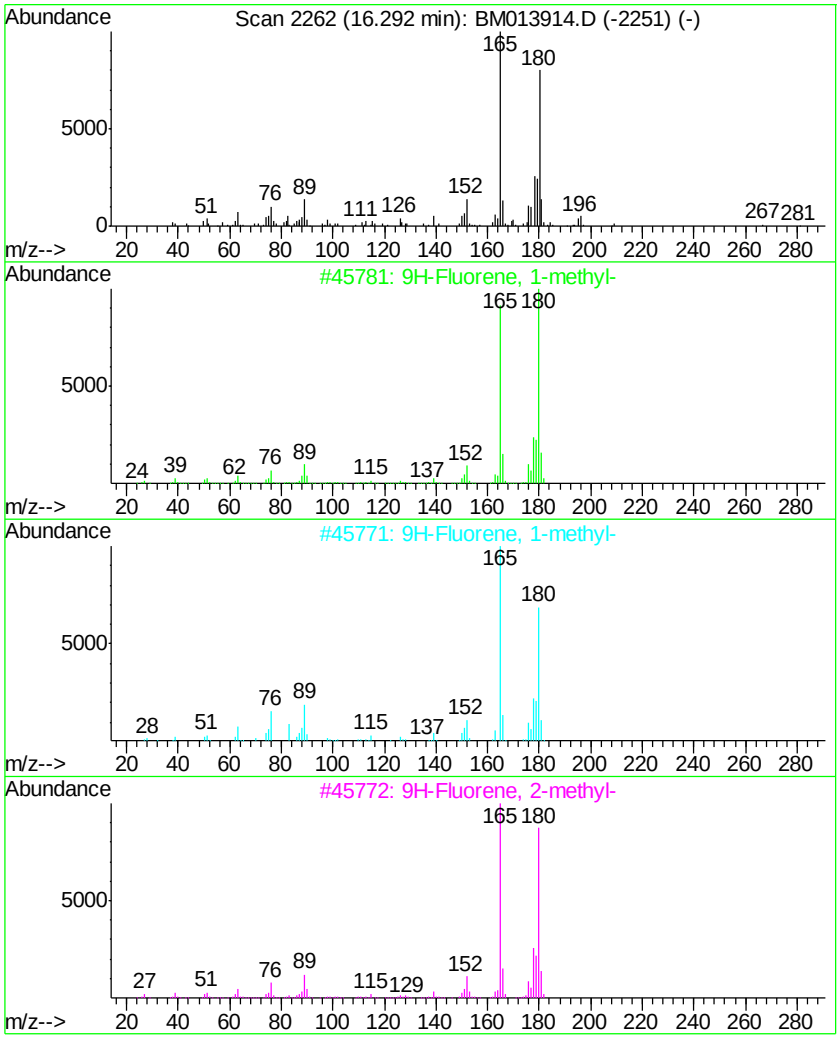
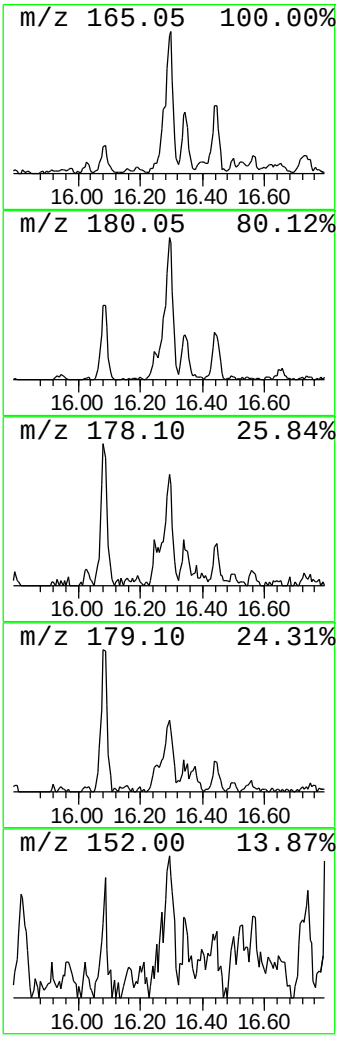
Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	4.37 ng/ul	455007	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93





Library Search Compound Report

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Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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

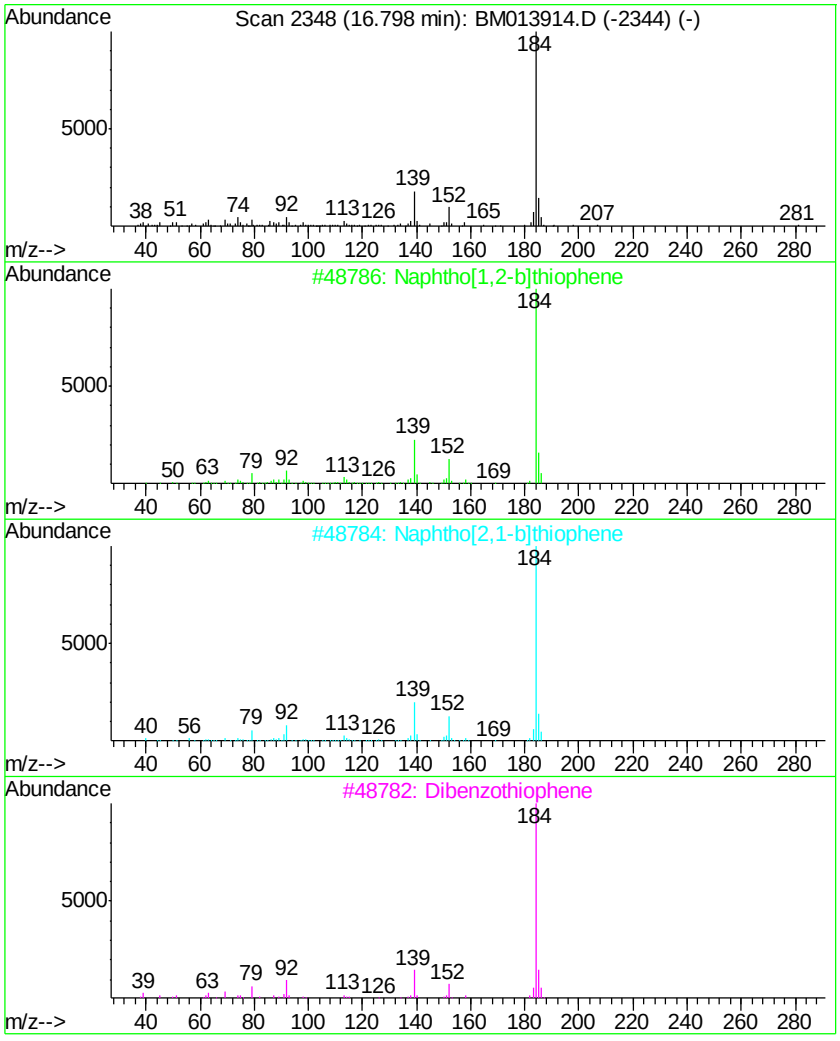
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

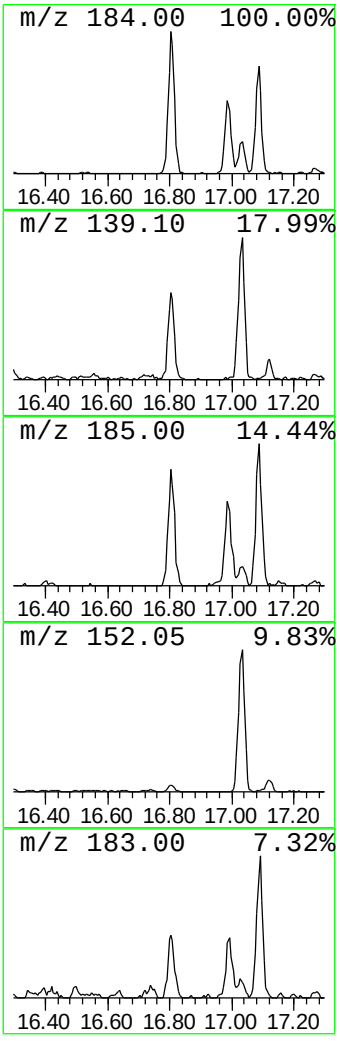
****

Peak Number 9 Naphtho[1,2-b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	5.98 ng/ul	622547	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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

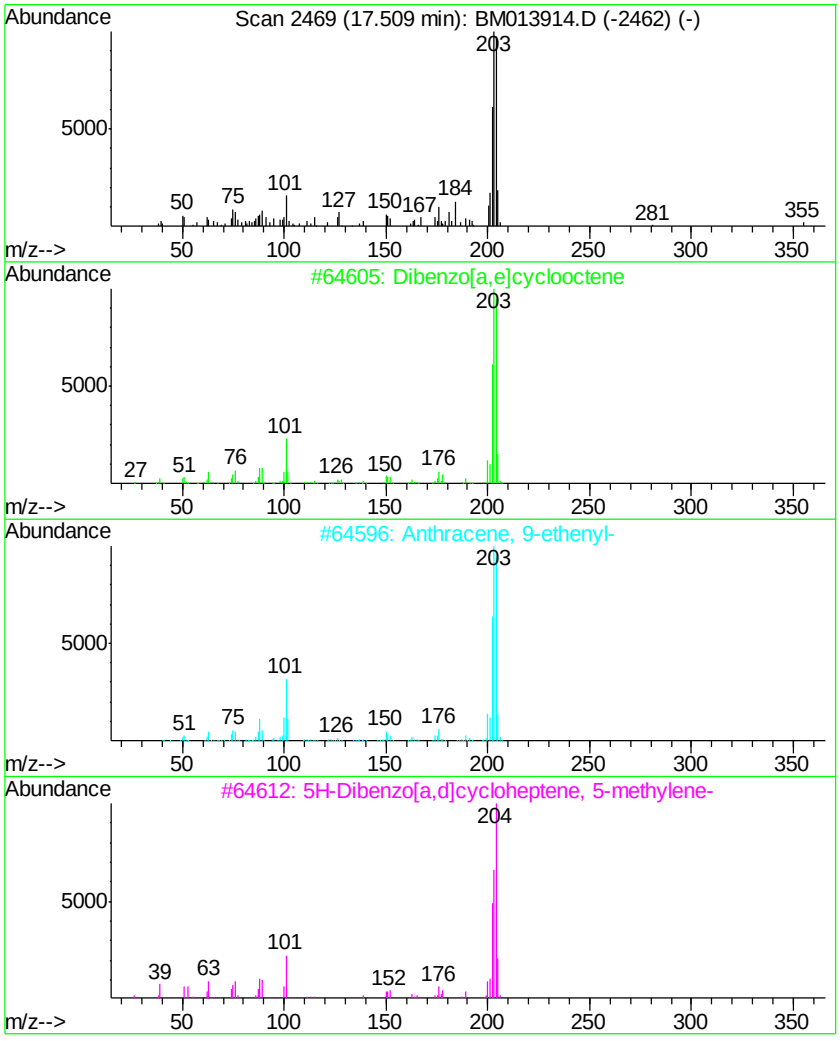
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

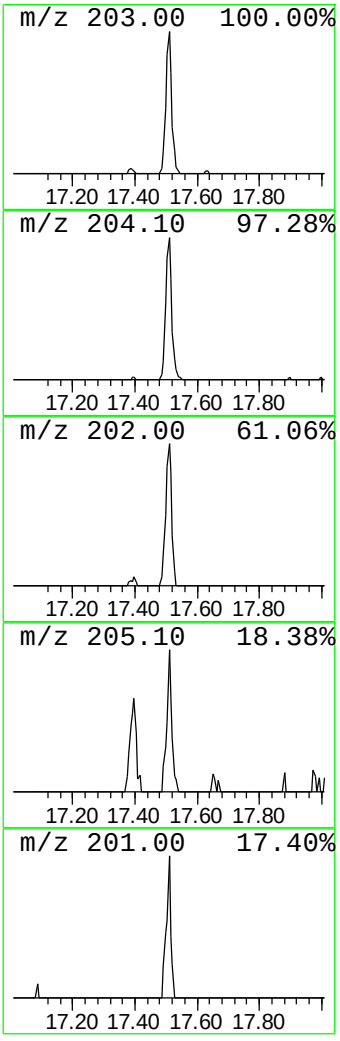
****

Peak Number 10 Dibenzo[a,e]cyclooctene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	2.35 ng/ul	244169	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	86
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	78
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	76
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70





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Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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

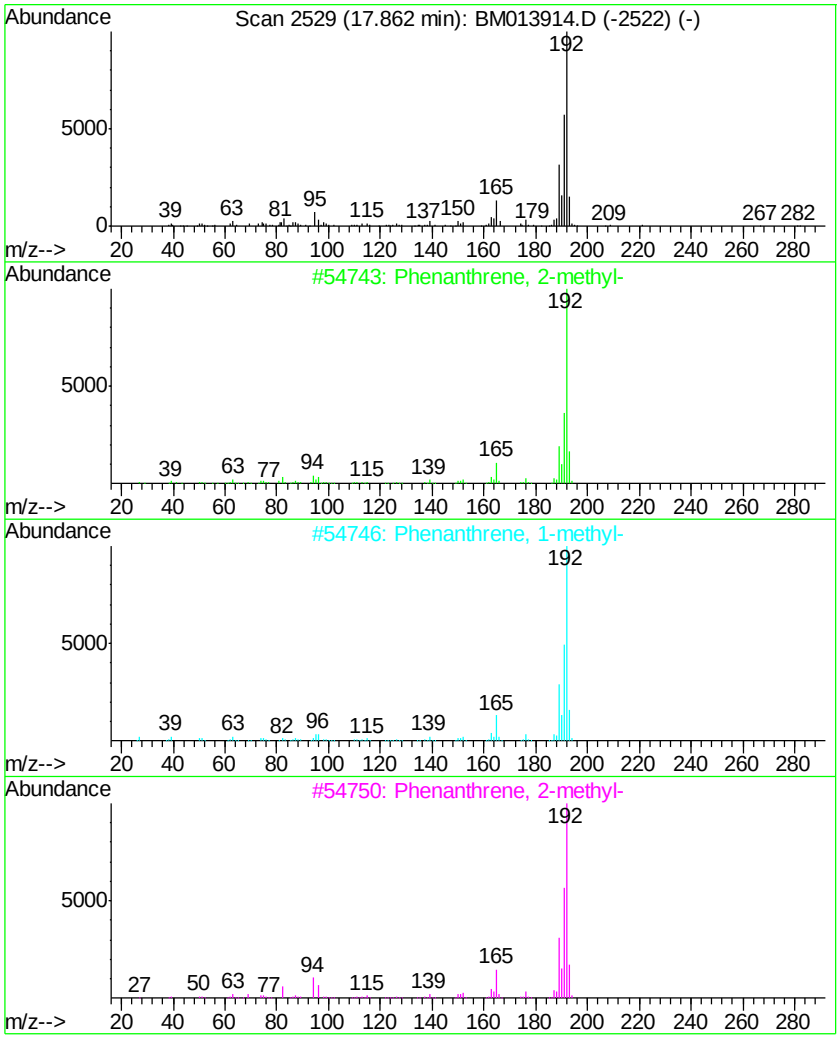
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

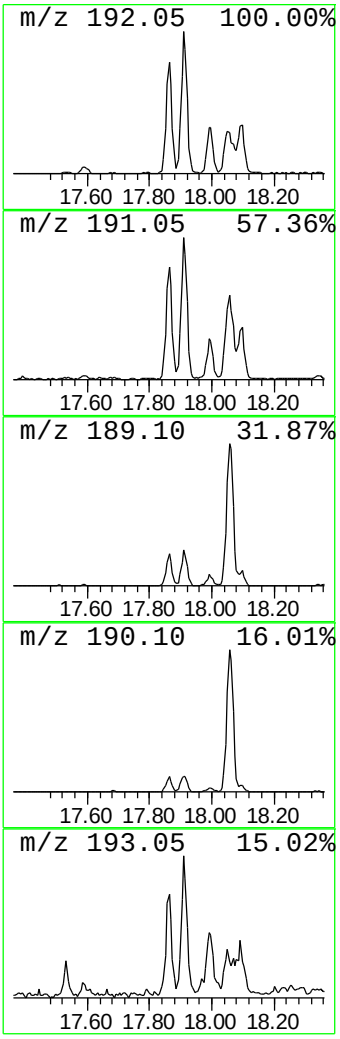
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	5.75 ng/ul	598582	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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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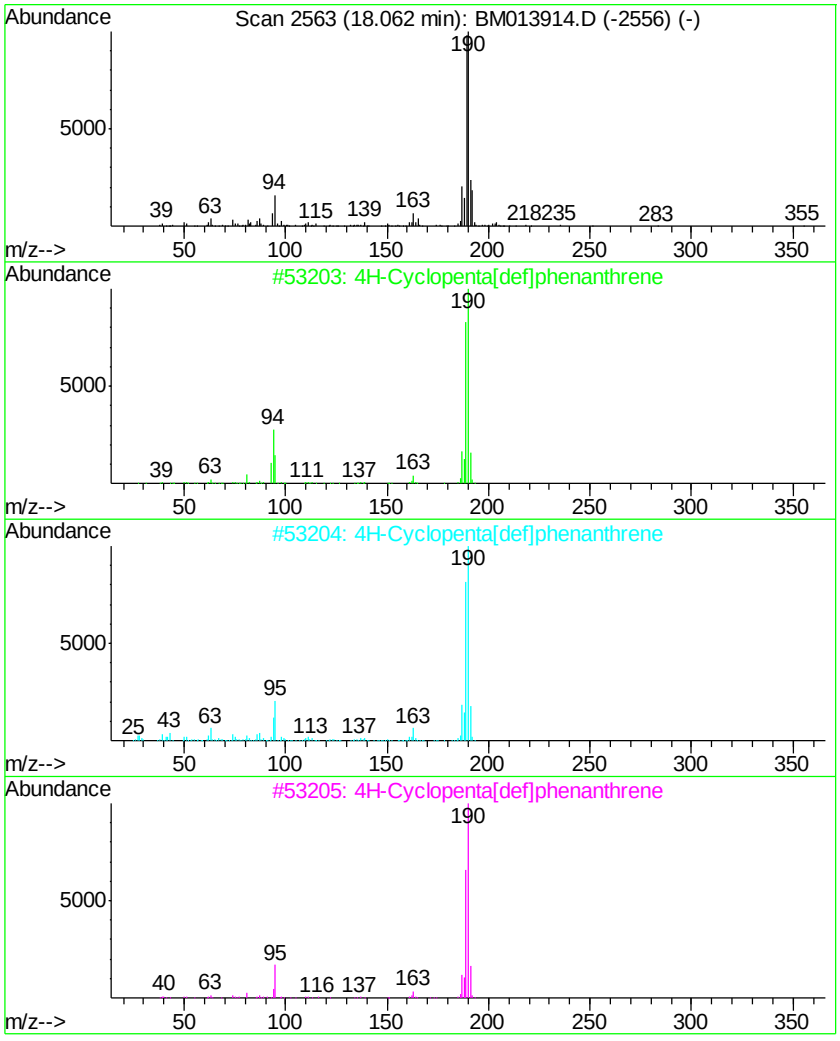
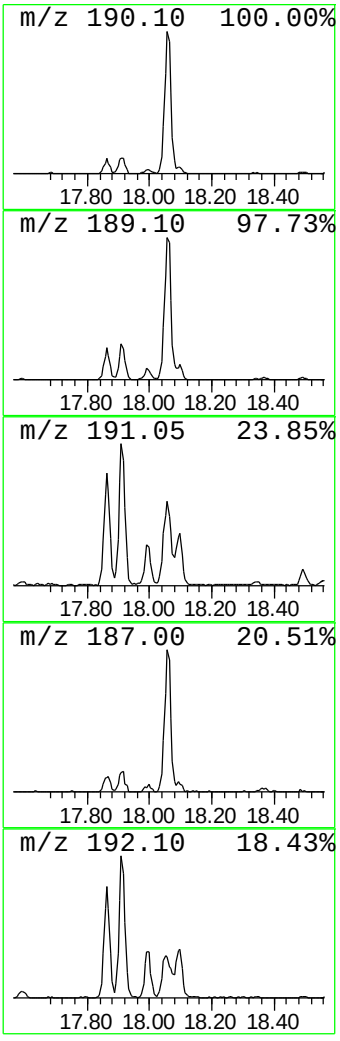
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	11.36 ng/ul	1182200	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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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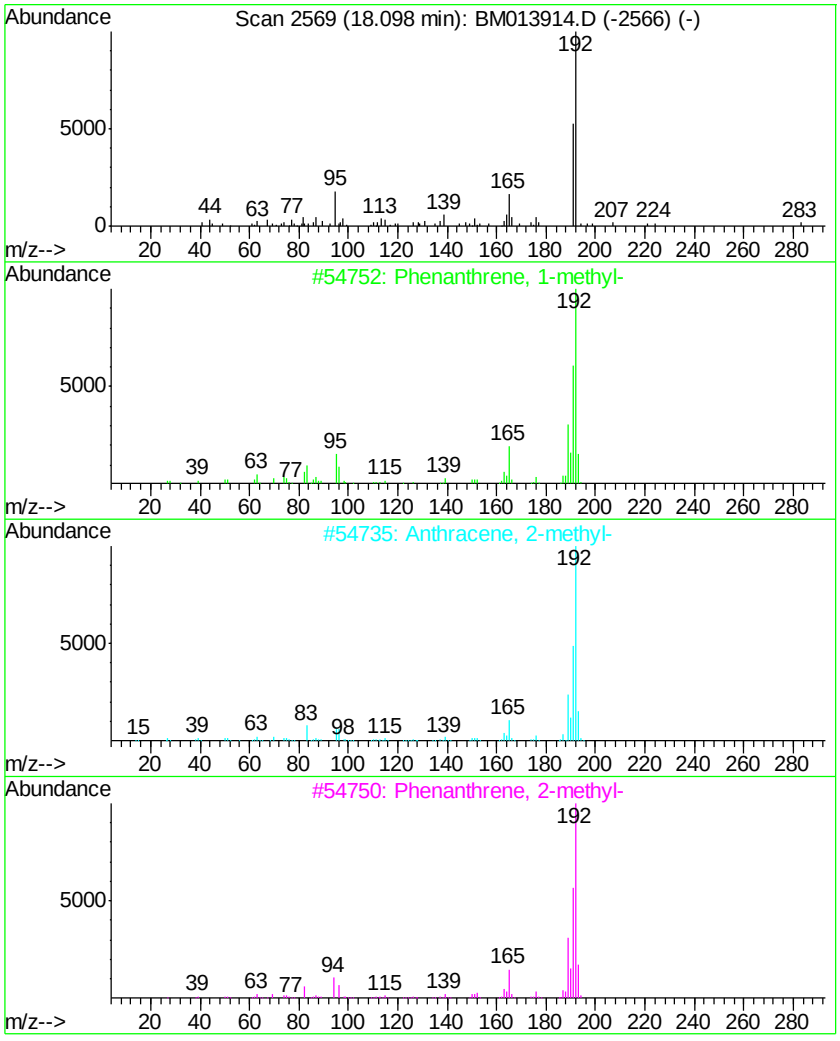
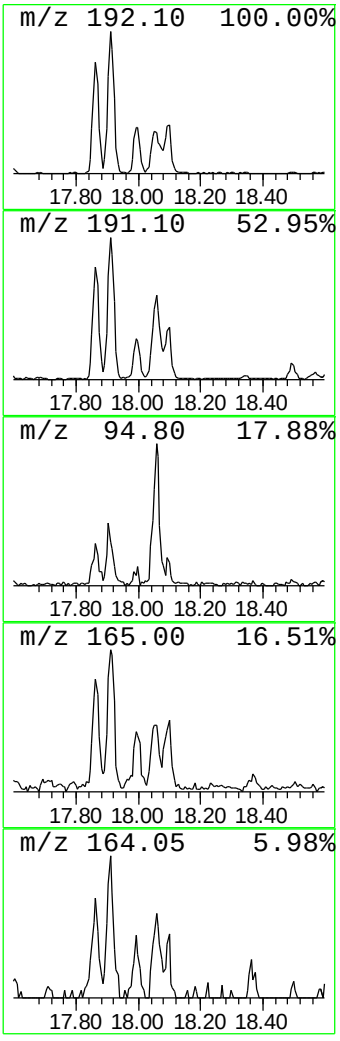
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.45 ng/ul	255241	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	80
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78





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Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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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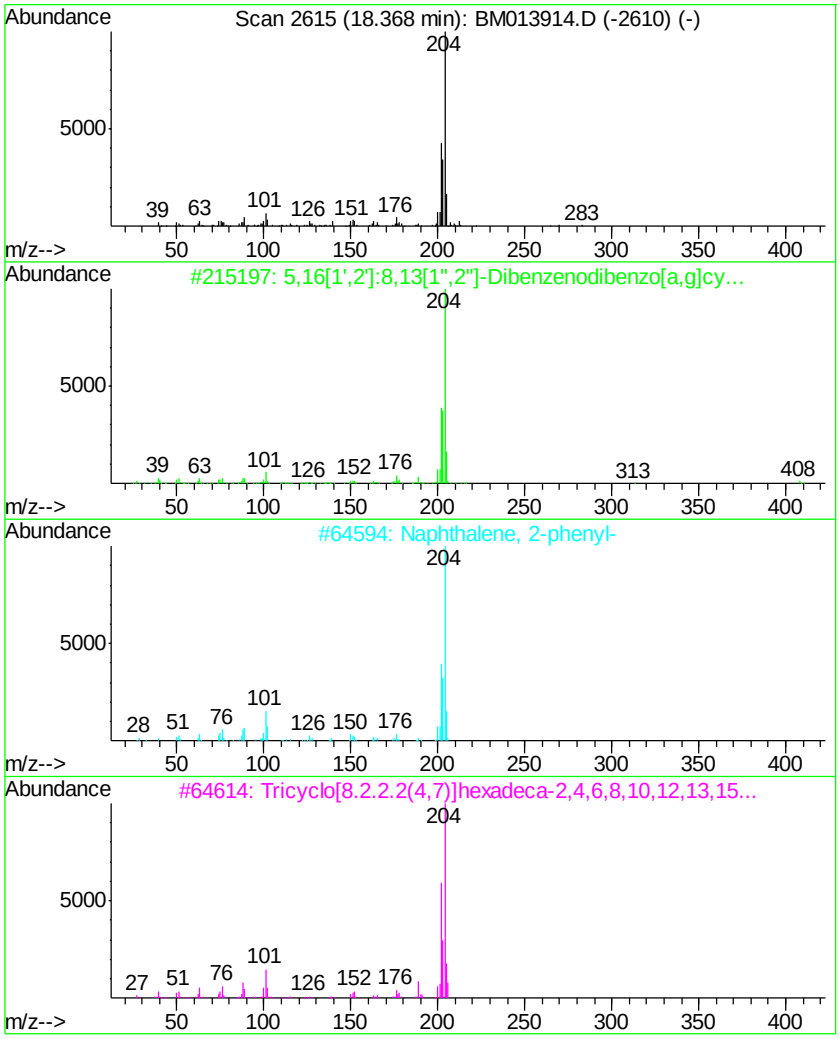
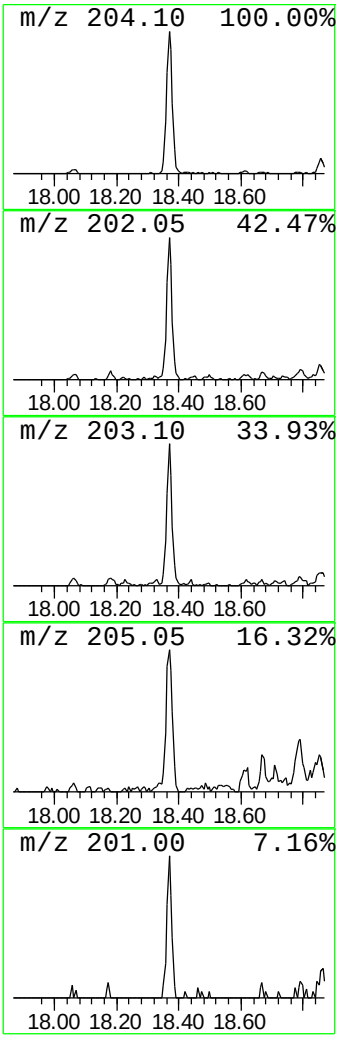
Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	4.12 ng/ul	428792	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	74
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Acq On : 28 Jan 2018 09:03
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Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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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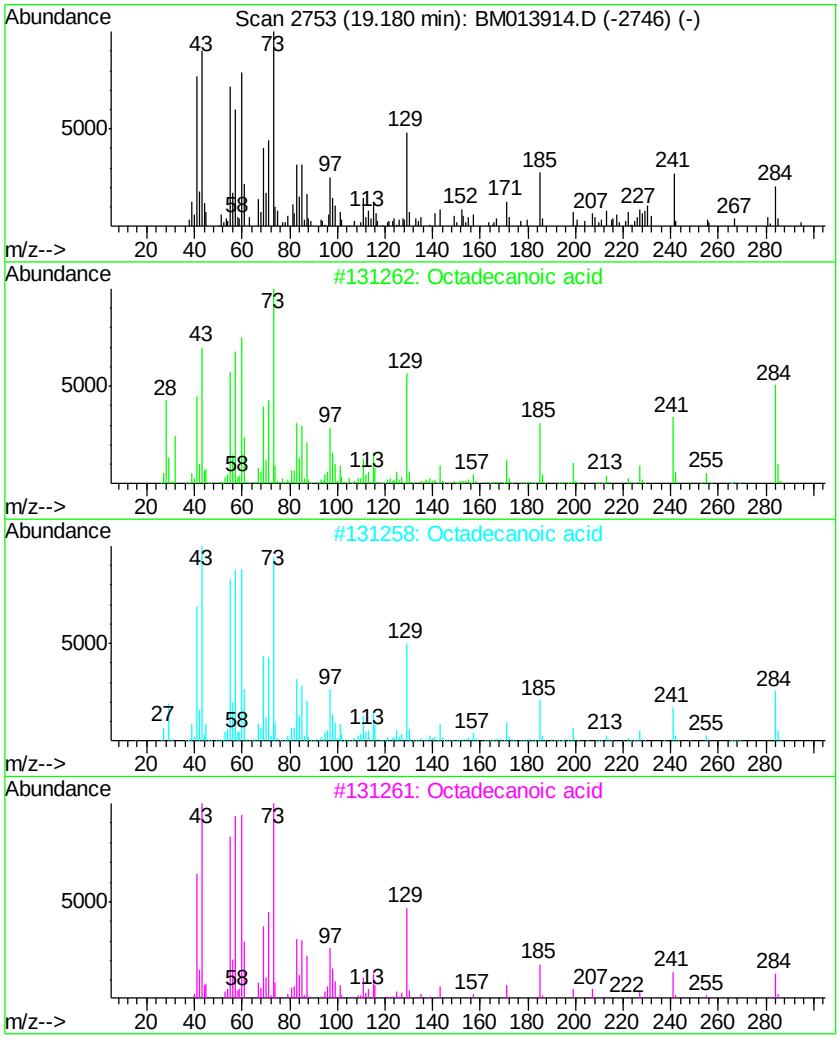
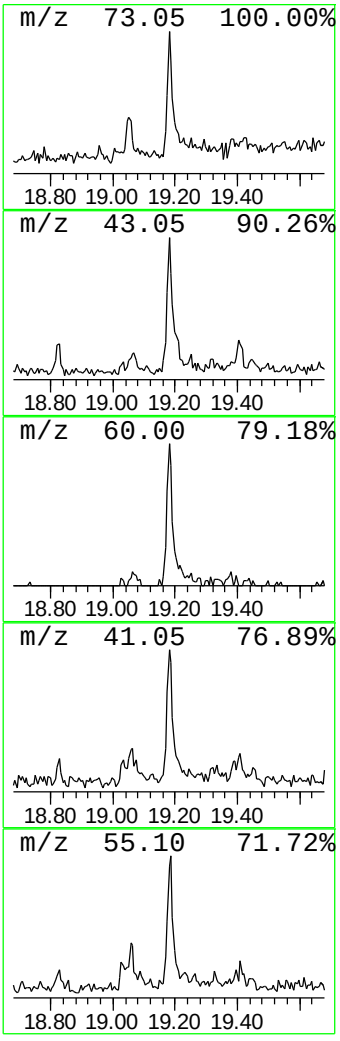
Peak Number 17 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	2.05 ng/ul	325935	Chrysene-d12	21.19

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	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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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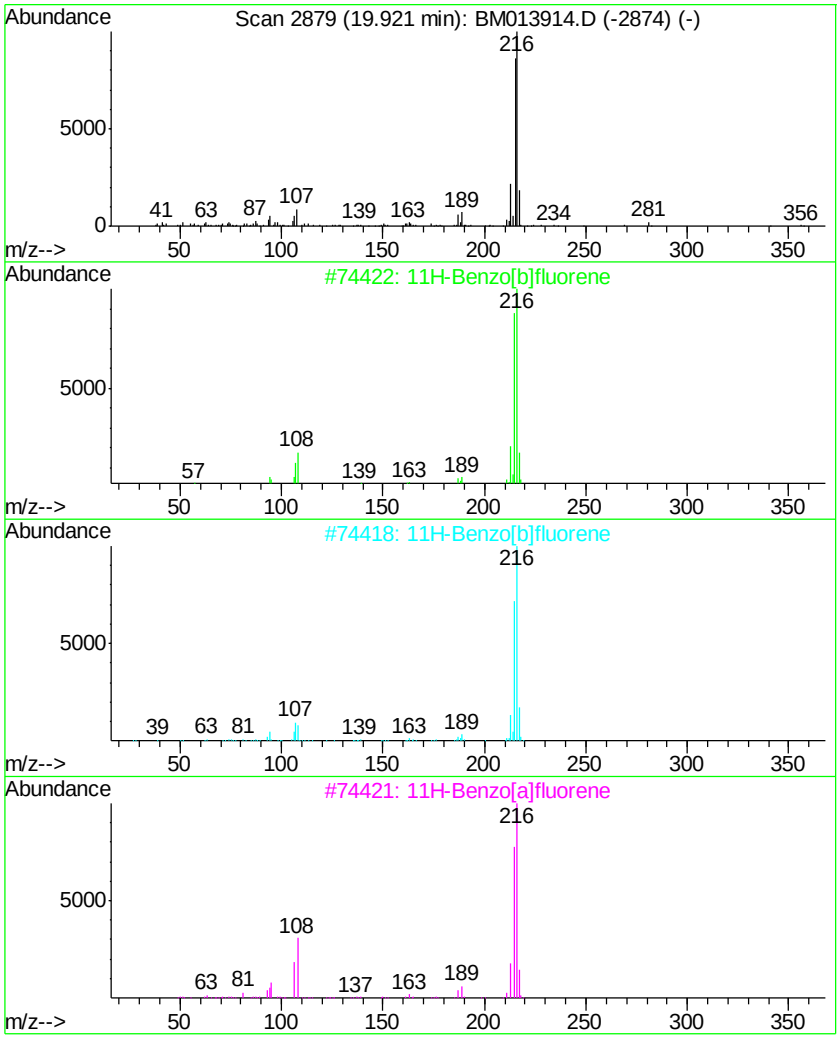
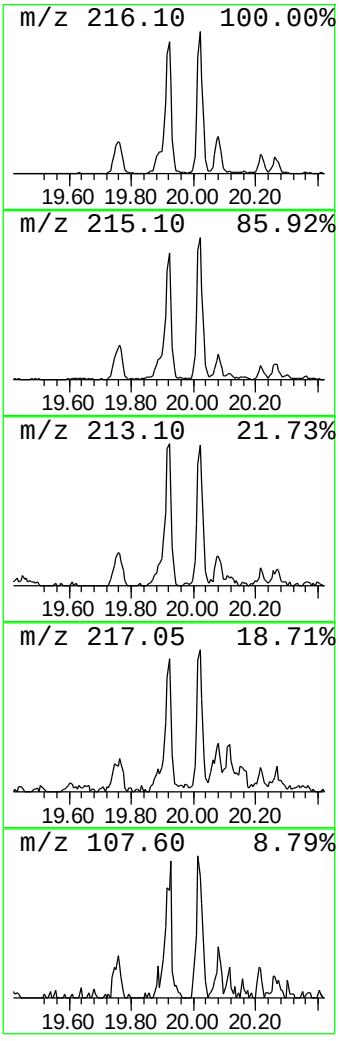
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	3.35 ng/ul	531920	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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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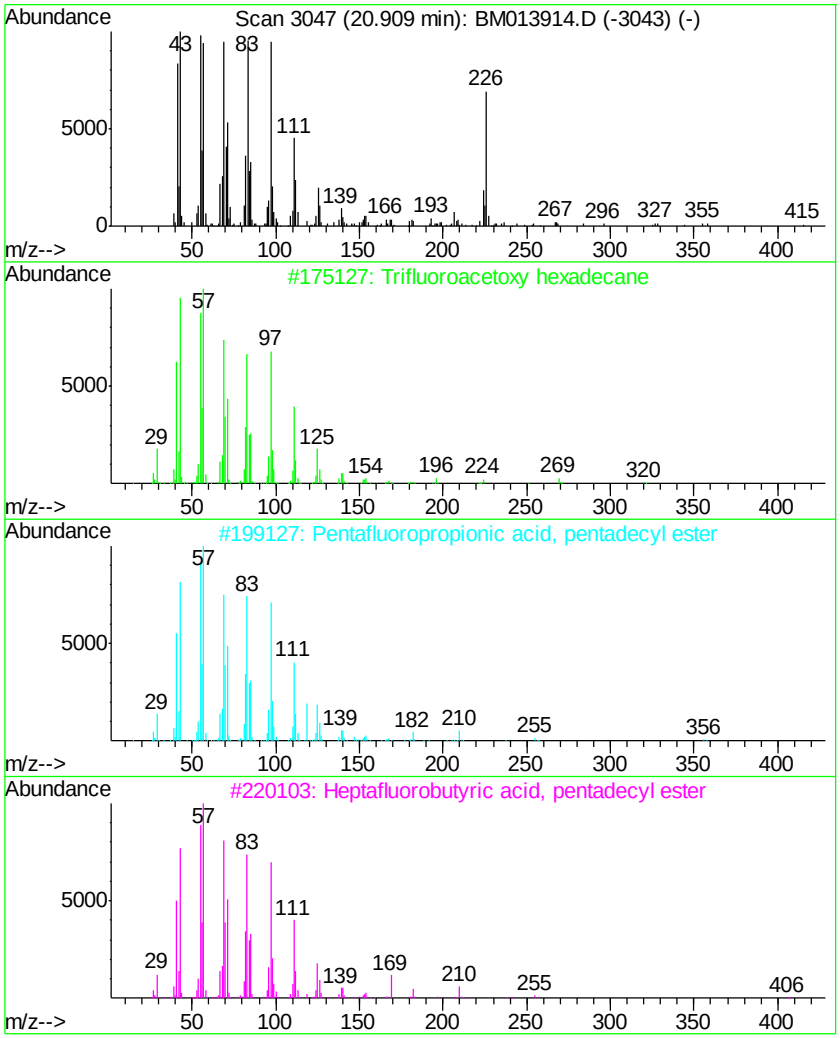
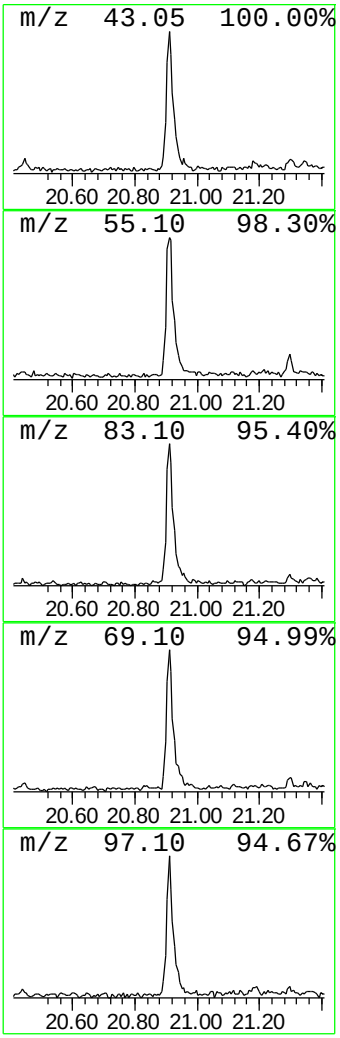
Peak Number 20 Trifluoroacetoxy hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.35 ng/ul	849327	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	Cyclohexadecane	224	C16H32	000295-65-8	87





Tentatively Identified Compound (LSC) summary

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Data File : BM013914.D
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Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B52

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
Naphthalene, 1-me...	12.25	12.5	ng/ul	923477	2	10.35	1476900	20.0
Naphthalene, 1-et...	13.25	2.6	ng/ul	295178	3	14.23	2227080	20.0
Naphthalene, 2,6-...	13.39	2.7	ng/ul	297212	3	14.23	2227080	20.0
Naphthalene, 1,6-...	13.54	4.7	ng/ul	520863	3	14.23	2227080	20.0
Nordiphenamid	15.45	3.1	ng/ul	351087	3	14.23	2227080	20.0
Dibenzofuran, 4-m...	15.59	5.3	ng/ul	595187	3	14.23	2227080	20.0
9H-Fluorene, 1-me...	16.29	4.4	ng/ul	455007	4	16.99	2080900	20.0
Naphtho[1,2-b]thi...	16.80	6.0	ng/ul	622547	4	16.99	2080900	20.0
Dibenzo[a,e]cyclo...	17.51	2.4	ng/ul	244169	4	16.99	2080900	20.0
Phenanthrene, 2-m...	17.86	5.8	ng/ul	598582	4	16.99	2080900	20.0
4H-Cyclopenta[def...	18.06	11.4	ng/ul	1182200	4	16.99	2080900	20.0
Phenanthrene, 1-m...	18.10	2.5	ng/ul	255241	4	16.99	2080900	20.0
5,16[1',2']:8,13[...	18.37	4.1	ng/ul	428792	4	16.99	2080900	20.0
Octadecanoic acid	19.18	2.0	ng/ul	325935	5	21.19	3176630	20.0
11H-Benzo[b]fluorene	19.92	3.4	ng/ul	531920	5	21.19	3176630	20.0
Trifluoroacetoxy ...	20.91	5.3	ng/ul	849327	5	21.19	3176630	20.0