LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013830.D
Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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	4.740	292	298	308	rVB	227442	340729	10.06%	0.697%
2	6.781	637	645	656	rBV2	233275	467315	13.79%	0.955%
3	6.934	665	671	679	rVB	188132	300982	8.88%	0.615%
4	7.128	697	704	715	rBV	260778	441835	13.04%	0.903%
5	7.587	773	782	791	rBV	619061	996292	29.40%	2.037%
6	8.304	896	904	915	rBV	246838	475785	14.04%	0.973%
7	8.416	917	923	932	rVB3	25445	60587	1.79%	0.124%
8	8.745	972	979	986	rBV	244216	434951	12.84%	0.889%
9	9.463	1094	1101	1110	rBV2	211278	393177	11.60%	0.804%
10	10.004	1186	1193	1212	rVB2	285474	582073	17.18%	1.190%
11	10.363	1244	1254	1258	rBV	757248	1271247	37.52%	2.599%
12	10.416	1258	1263	1270	rVB	459077	784826	23.16%	1.605%
13	10.522	1275	1281	1290	rVV	192267	368645	10.88%	0.754%
14	11.057	1365	1372	1378	rVB8	22747	48842	1.44%	0.100%
15	11.386	1422	1428	1432	rBV2	97115	143518	4.24%	0.293%
16	11.698	1476	1481	1488	rBV2	51472	87496	2.58%	0.179%
17	12.033	1531	1538	1546	rVB	805473	1265070	37.33%	2.587%
18	12.163	1555	1560	1562	rBV4	25806	47600	1.40%	0.097%
19	12.257	1569	1576	1584	rVB	394877	651534	19.23%	1.332%
20	12.498	1613	1617	1625	rVB6	32094	62545	1.85%	0.128%
21	12.645	1635	1642	1650	rVB6	20055	53092	1.57%	0.109%
22	12.763	1657	1662	1668	rVB2	128726	181567	5.36%	0.371%
23	13.063	1708	1713	1719	rBV3	94933	164766	4.86%	0.337%
24	13.263	1743	1747	1751	rBV2	79547	121736	3.59%	0.249%
25	13.398	1763	1770	1771	rBV	165396	228181	6.73%	0.467%
26	13.557	1791	1797	1803	rBV	227646	417221	12.31%	0.853%
27	13.610	1803	1806	1810	rVV	158151	256511	7.57%	0.524%
28	13.657	1810	1814	1819	rVV	555575	837267	24.71%	1.712%
29	13.716	1819	1824	1830	rVV2	281611	590620	17.43%	1.208%
30	13.792	1833	1837	1841	rVV3	88280	156267	4.61%	0.320%
31	13.827	1841	1843	1849	rVB7	33907	46145	1.36%	0.094%
32	13.933	1855	1861	1865	rBV	580601	904848	26.70%	1.850%
33	14.063	1879	1883	1887	rVB5	56553	77314	2.28%	0.158%
34	14.145	1891	1897	1902	rBV4	66395	116943	3.45%	0.239%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013830.D
Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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	14.239	1902	1913	1919	rBV4	1089346	2066342	60.98%	4.225%
36	14.304	1919	1924	1933	rVB	424043	705405	20.82%	1.442%
37	14.392	1935	1939	1944	rVB6	36138	53078	1.57%	0.109%
38	14.492	1945	1956	1962	rBV5	120718	309438	9.13%	0.633%
39	14.645	1976	1982	1987	rBV	695083	1005471	29.67%	2.056%
40	14.722	1992	1995	1999	rVB2	56376	75233	2.22%	0.154%
41	14.769	1999	2003	2009	rVB7	93587	149208	4.40%	0.305%
42	14.863	2015	2019	2026	rBV6	75000	140777	4.15%	0.288%
43	14.916	2026	2028	2032	rVB2	37155	42924	1.27%	0.088%
44	15.027	2041	2047	2052	rBV6	70471	158275	4.67%	0.324%
45	15.104	2057	2060	2064	rVB3	73864	96852	2.86%	0.198%
46	15.239	2078	2083	2088	rVB	759846	1036936	30.60%	2.120%
47	15.298	2088	2093	2098	rBV	561862	823646	24.31%	1.684%
48	15.386	2104	2108	2117	rBV4	174500	318182	9.39%	0.651%
49	15.457	2117	2120	2124	rBV4	70182	98083	2.89%	0.201%
50	15.510	2124	2129	2133	rVV	215669	312031	9.21%	0.638%
51	15.610	2139	2146	2152	rVB2	348852	752528	22.21%	1.539%
52	15.710	2159	2163	2166	rBV	361642	510802	15.07%	1.044%
53	15.739	2166	2168	2175	rVB	174984	284578	8.40%	0.582%
54	15.804	2175	2179	2181	rBV3	61574	81238	2.40%	0.166%
55	15.992	2203	2211	2215	rBV	654668	1076934	31.78%	2.202%
56	16.033	2215	2218	2224	rVB	197200	268138	7.91%	0.548%
57	16.310	2261	2265	2268	rVB4	93175	128371	3.79%	0.262%
58	16.351	2269	2272	2274	rBV4	44898	49149	1.45%	0.100%
59	16.539	2300	2304	2307	rBV6	47555	81672	2.41%	0.167%
60	16.568	2307	2309	2313	rVB3	69511	78797	2.33%	0.161%
61	16.727	2332	2336	2339	rBV6	73681	131346	3.88%	0.269%
62	16.810	2346	2350	2361	rVB	352445	591502	17.46%	1.209%
63	16.904	2362	2366	2374	rVB3	75451	120243	3.55%	0.246%
64	16.998	2376	2382	2385	rBV2	1265013	1933194	57.05%	3.953%
65	17.039	2385	2389	2394	rVV	2448380	3388606	100.00%	6.928%
66	17.092	2394	2398	2402	rVV2	831910	1270428	37.49%	2.598%
67	17.127	2402	2404	2410	rVB	356289	445818	13.16%	0.912%
68	17.221	2416	2420	2426	rVB5	101555	167227	4.93%	0.342%
69	17.410	2447	2452	2461	rBV	231371	416418	12.29%	0.851%
70	17.504	2464	2468	2469	rBV2	55444	67746	2.00%	0.139%
71	17.580	2478	2481	2482	rBV3	47577	45565	1.34%	0.093%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013830.D
Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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	17.715	2501	2504	2510	rVB5	43063	63437	1.87%	0.130%
73	17.774	2511	2514	2522	rVB10	41091	74952	2.21%	0.153%
74	17.868	2526	2530	2533	rVV	243615	350443	10.34%	0.717%
75	17.921	2533	2539	2544	rVV2	351941	756565	22.33%	1.547%
76	17.974	2544	2548	2550	rVV4	70744	116799	3.45%	0.239%
77	18.004	2550	2553	2557	rVV2	101738	143247	4.23%	0.293%
78	18.068	2558	2564	2568	rVV3	308033	567632	16.75%	1.161%
79	18.098	2568	2569	2574	rVB	124298	131505	3.88%	0.269%
80	18.192	2582	2585	2589	rBV6	55980	64013	1.89%	0.131%
81	18.380	2612	2617	2623	rBV	193702	283808	8.38%	0.580%
82	18.627	2656	2659	2662	rBV4	37959	57069	1.68%	0.117%
83	18.798	2685	2688	2691	rBV3	51211	64559	1.91%	0.132%
84	18.833	2691	2694	2697	rBV4	43364	54751	1.62%	0.112%
85	19.062	2727	2733	2738	rBV	1629207	2237193	66.02%	4.574%
86	19.115	2739	2742	2747	rVB3	115191	159646	4.71%	0.326%
87	19.192	2751	2755	2761	rVB3	206280	270390	7.98%	0.553%
88	19.304	2772	2774	2778	rVB2	52530	57514	1.70%	0.118%
89	19.398	2784	2790	2792	rBV2	1389778	1890868	55.80%	3.866%
90	19.427	2792	2795	2799	rVB	887412	1155139	34.09%	2.362%
91	19.504	2805	2808	2815	rVB3	74020	117565	3.47%	0.240%
92	19.615	2824	2827	2833	rVB2	77854	115181	3.40%	0.236%
93	19.845	2863	2866	2870	rBV	91766	123431	3.64%	0.252%
94	19.927	2876	2880	2883	rBV2	153130	190221	5.61%	0.389%
95	20.027	2893	2897	2901	rVB	169473	209088	6.17%	0.428%
96	20.915	3045	3048	3054	rVB7	139743	200905	5.93%	0.411%
97	21.198	3089	3096	3100	rBV2	1855276	2766416	81.64%	5.656%
98	21.233	3100	3102	3109	rVB	230840	262882	7.76%	0.537%
99	23.244	3439	3444	3458	rVB2	774563	1668537	49.24%	3.412%
100	23.386	3462	3468	3475	rVB	1200380	2095329	61.83%	4.284%

Sum of corrected areas: 48908793

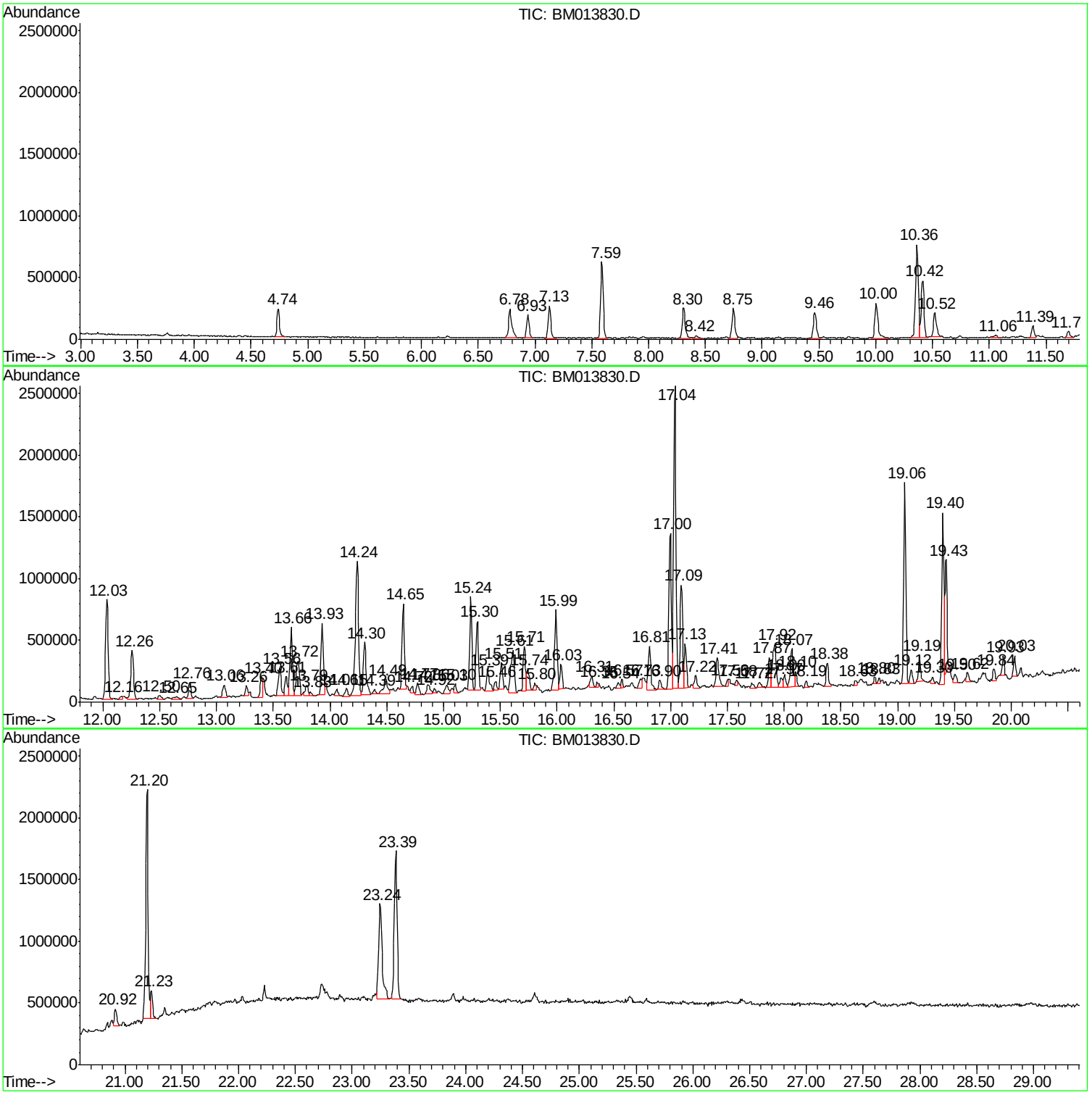
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013830.D
Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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\BM012518\
Data File : BM013830.D
Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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

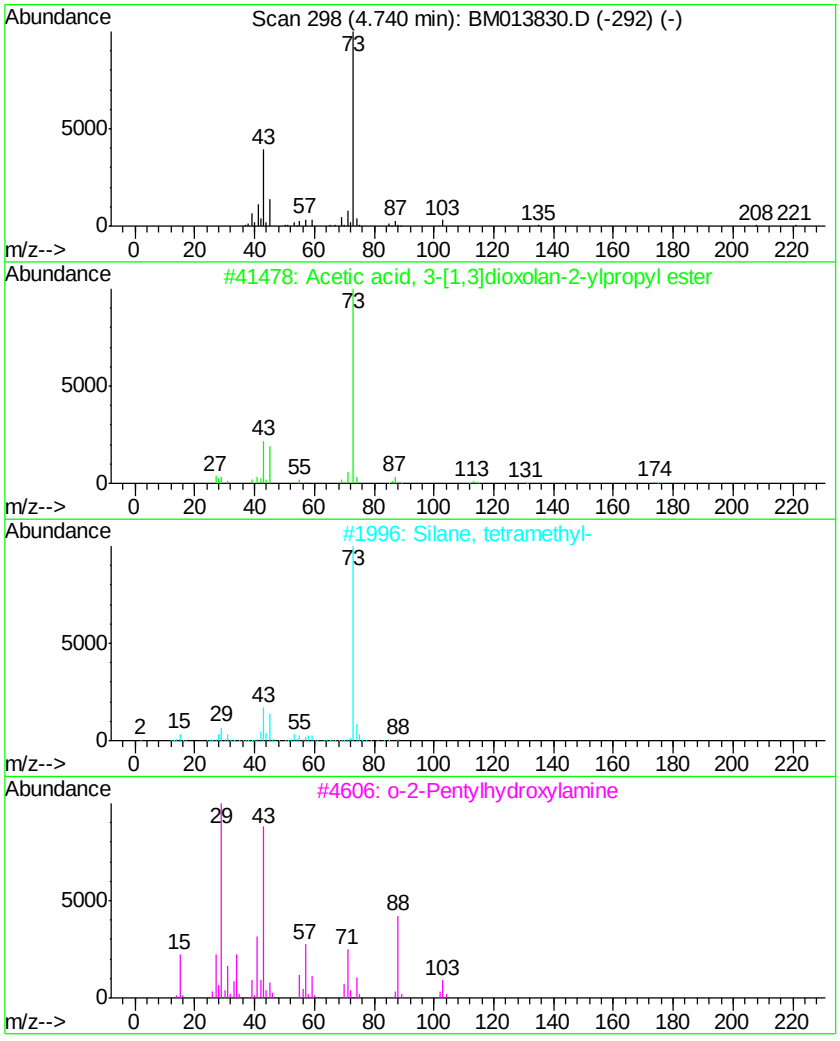
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

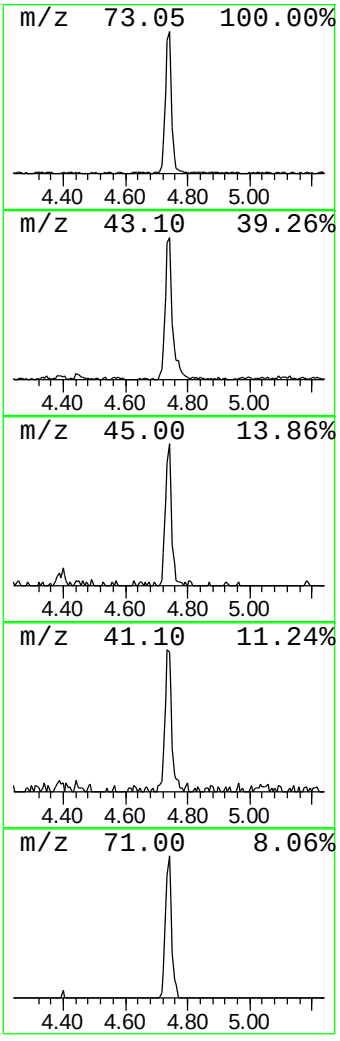
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	6.84 ng/ul	340729	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-v...	174	C8H14O4	1000186-02-3	40
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	o-2-Pentylhydroxylamine	103	C5H13NO	1000322-43-4	10
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013830.D
Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

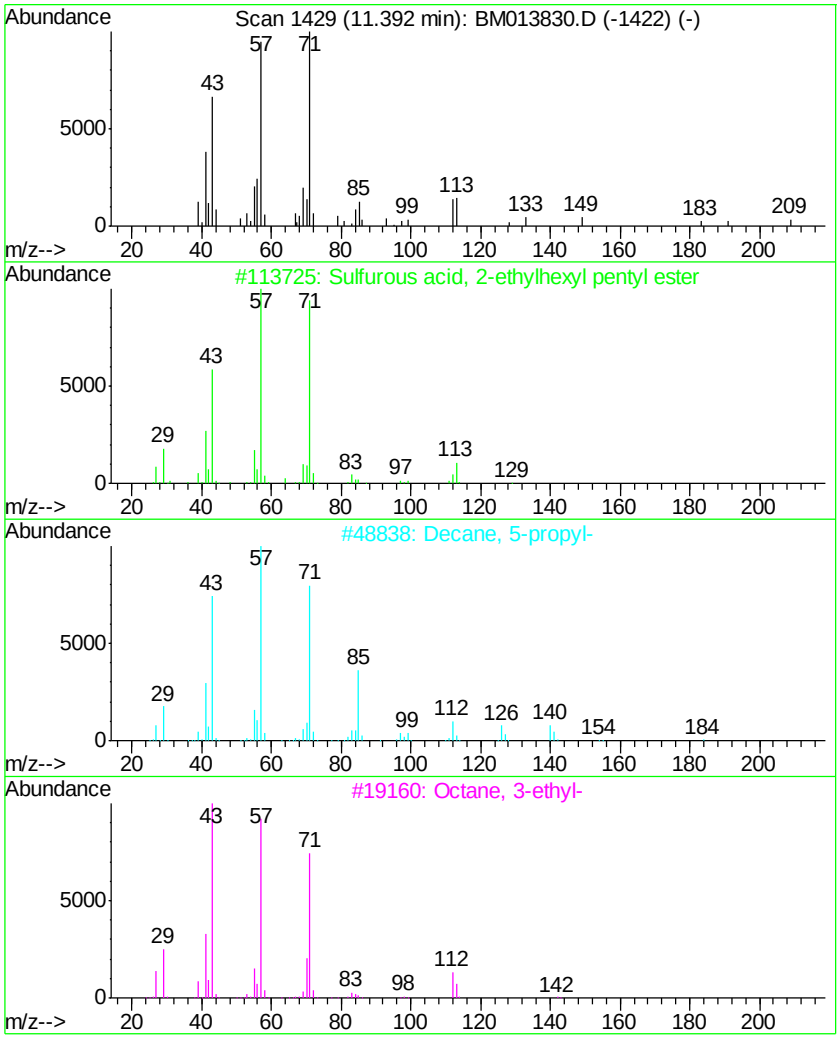
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

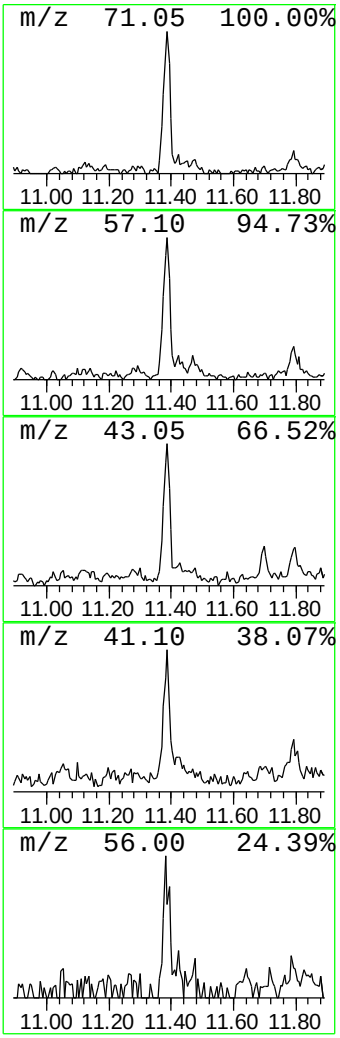
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfurous acid, 2-ethylhexy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	2.26 ng/ul	143518	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	80
2	Decane, 5-propyl-	184	C13H28	017312-62-8	64
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	64
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	64
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013830.D
Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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

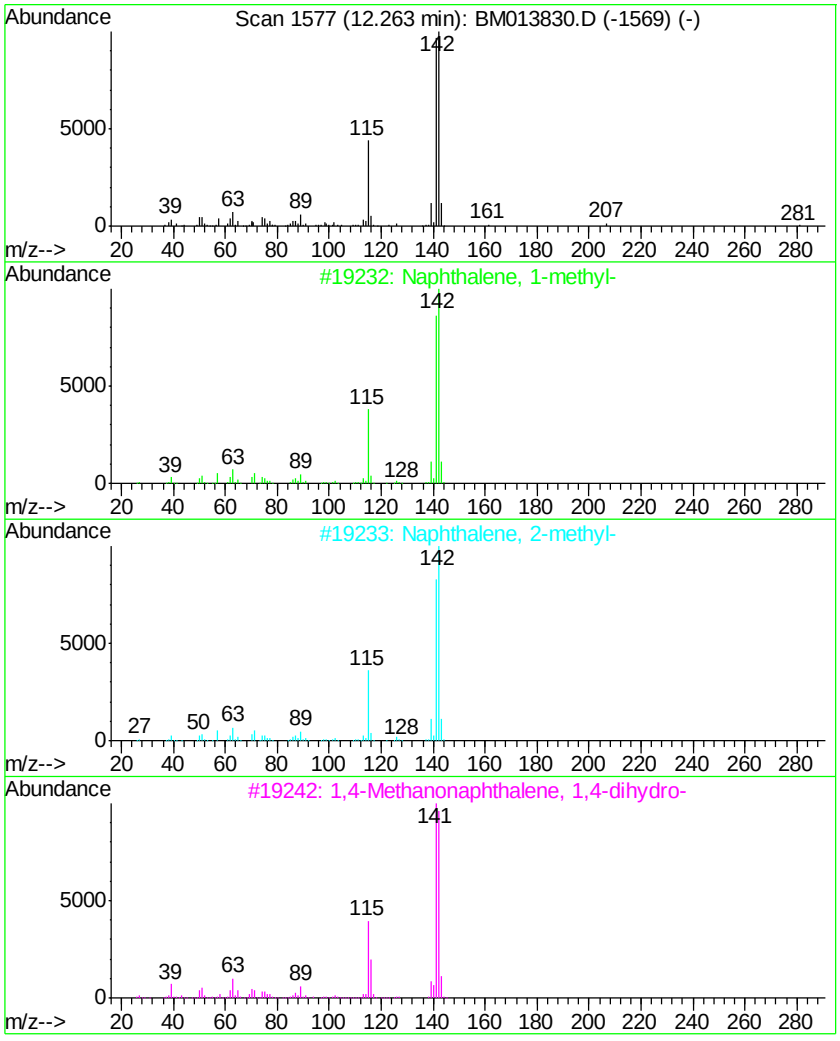
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

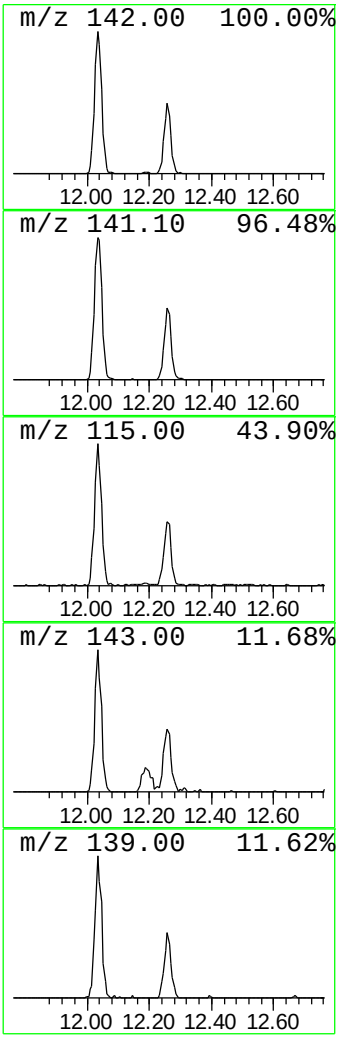
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	10.25 ng/ul	651534	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013830.D
Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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

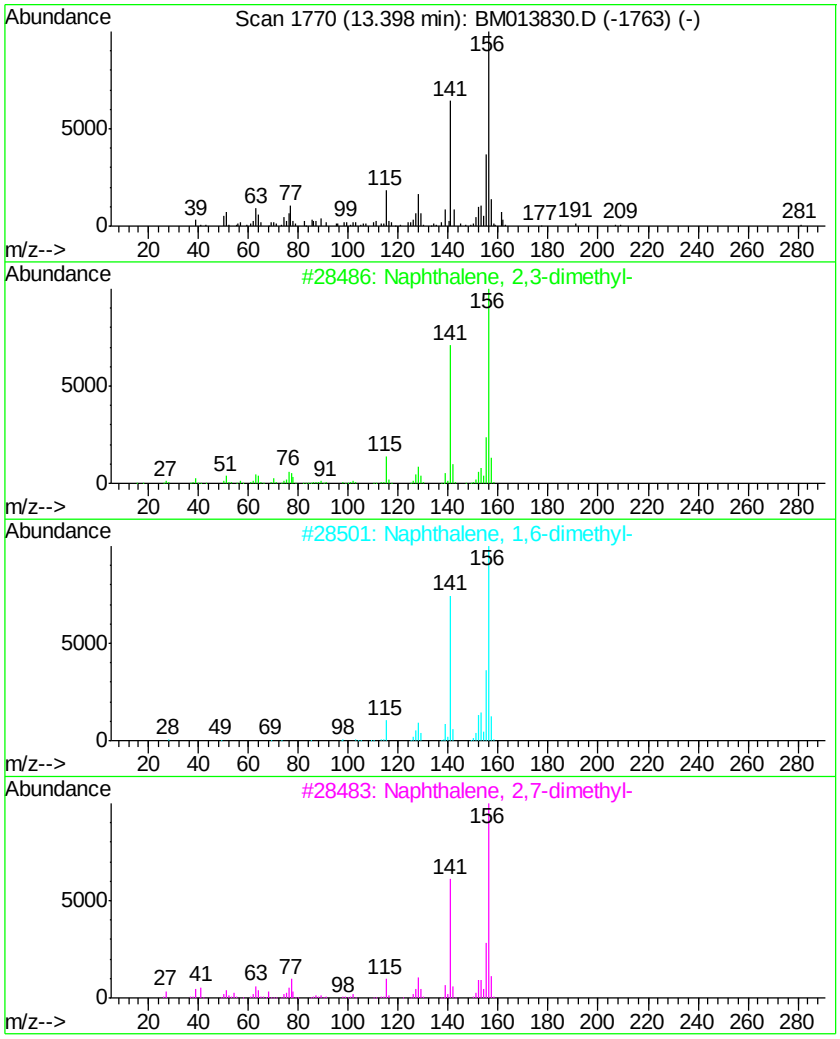
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

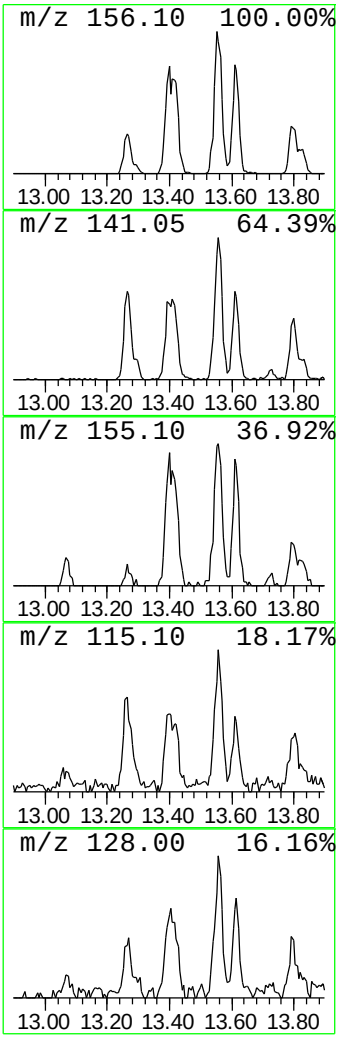
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.21 ng/ul	228181	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013830.D
Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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

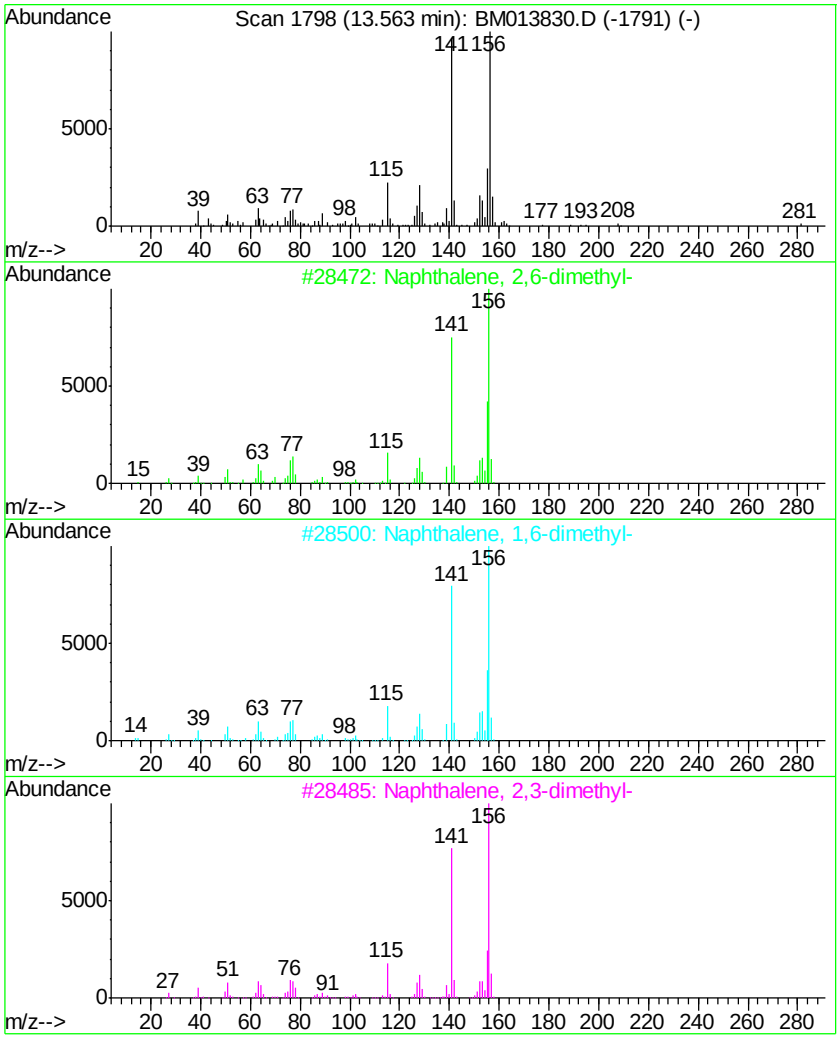
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

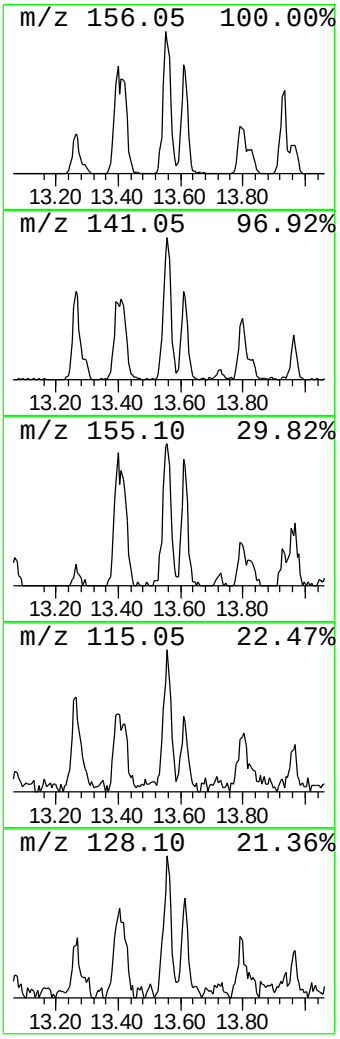
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	4.04 ng/ul	417221	Acenaphthene-d10	14.24

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, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
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Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

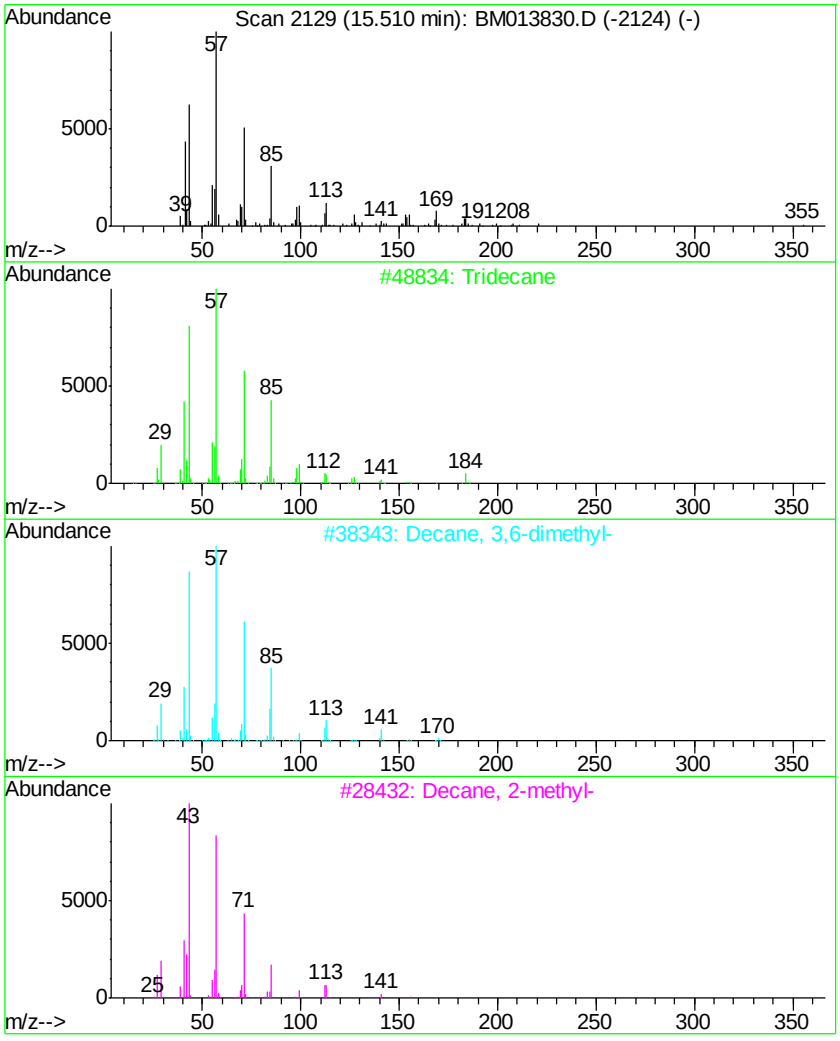
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

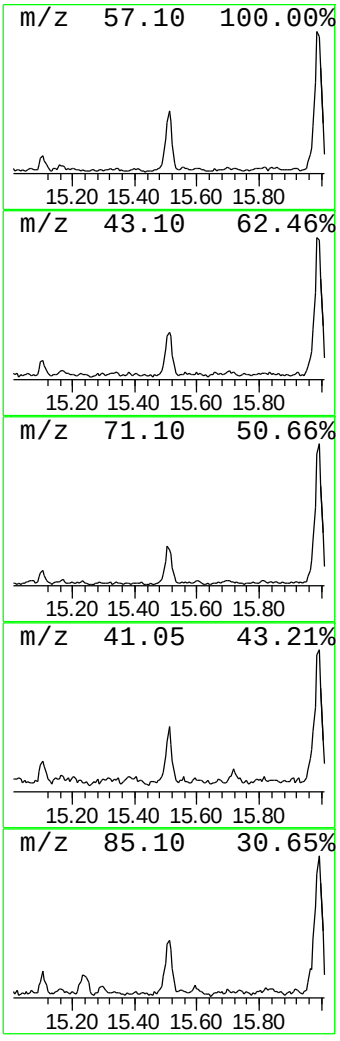
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	3.02 ng/ul	312031	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
3	Decane, 2-methyl-	156	C11H24	006975-98-0	74
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	74
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72





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Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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Quant Title : SVOA CALIBRATION

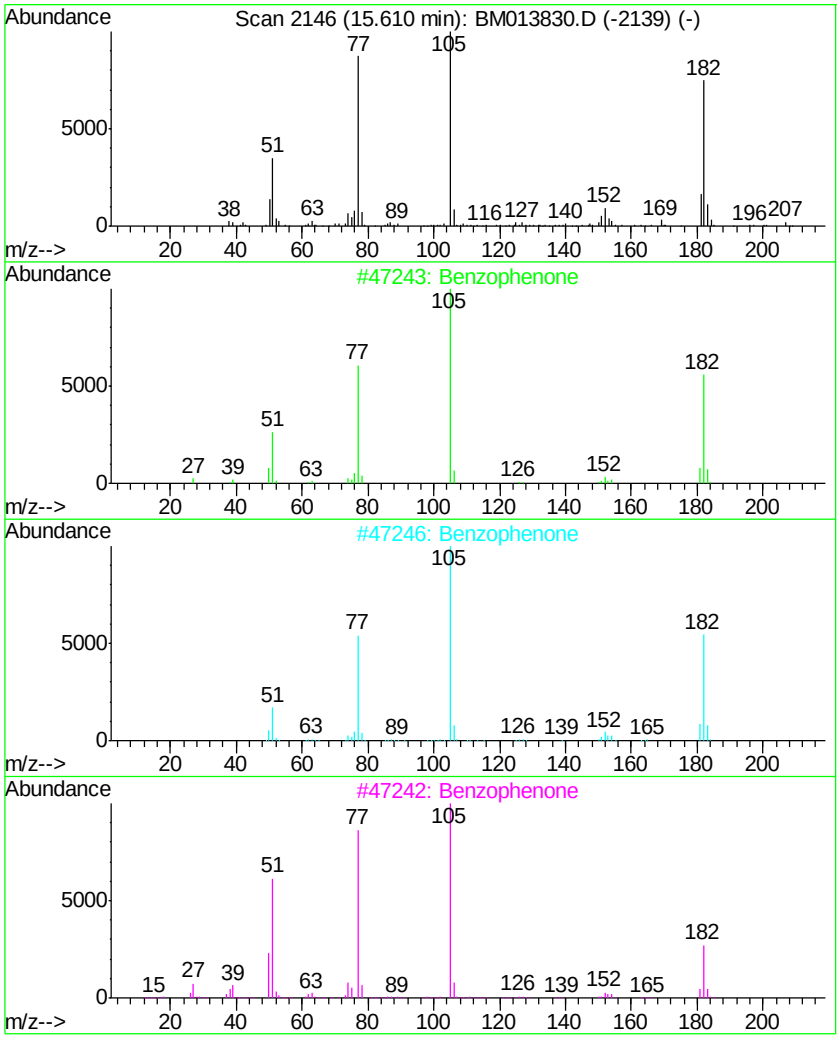
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

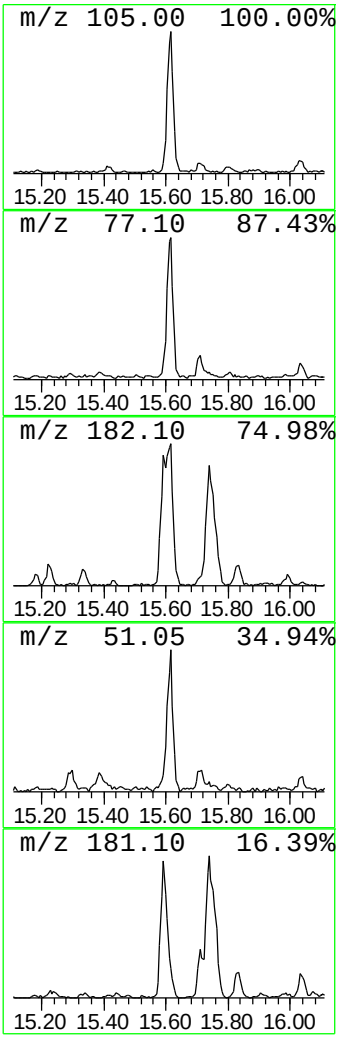
****

Peak Number 7 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	7.28 ng/ul	752528	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Benzophenone	182	C13H10O	000119-61-9	91
3	Benzophenone	182	C13H10O	000119-61-9	90
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Benzophenone	182	C13H10O	000119-61-9	87





Library Search Compound Report

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Sample : J1233-12
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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Quant Title : SVOA CALIBRATION

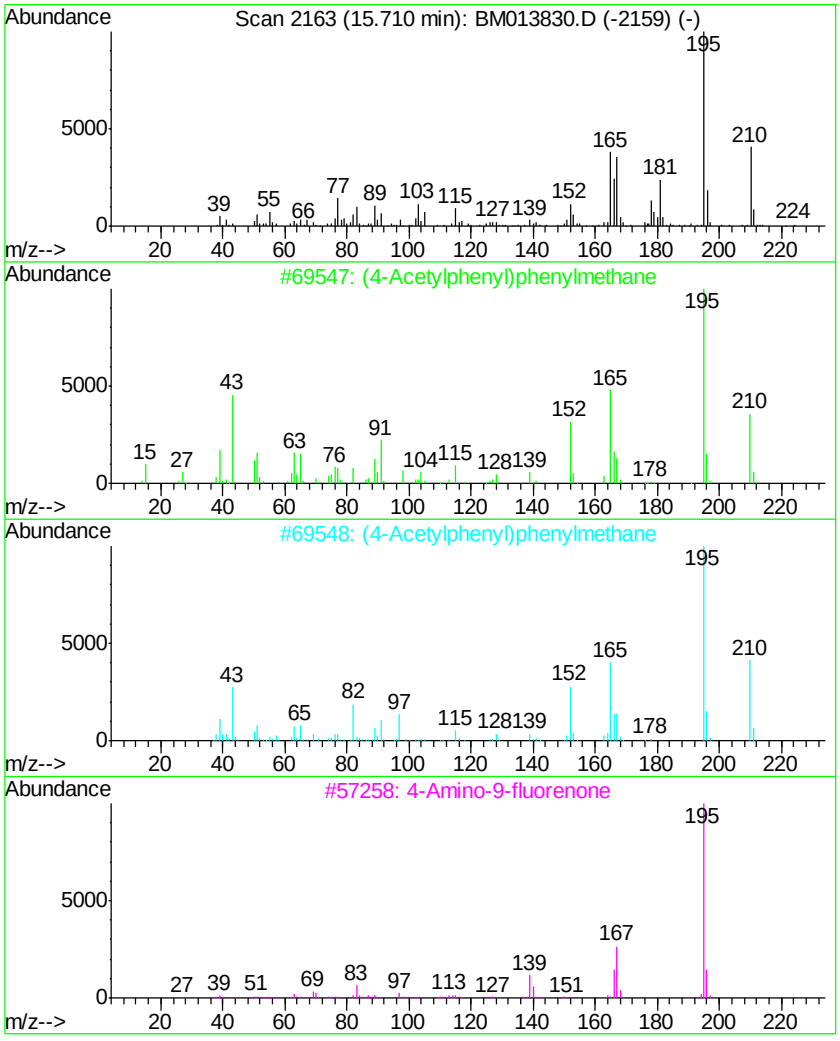
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

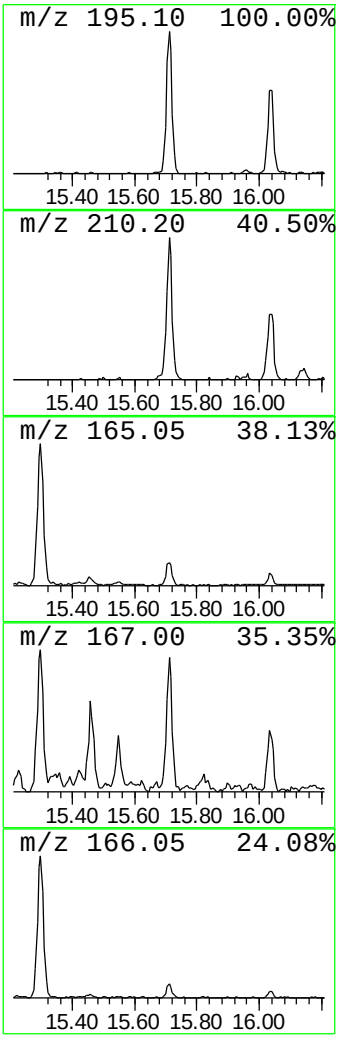
****

Peak Number 8 (4-Acetylphenyl)phenylmethane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	5.28 ng/ul	510802	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	62
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	53
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	46
4	Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	43
5	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	43





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Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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

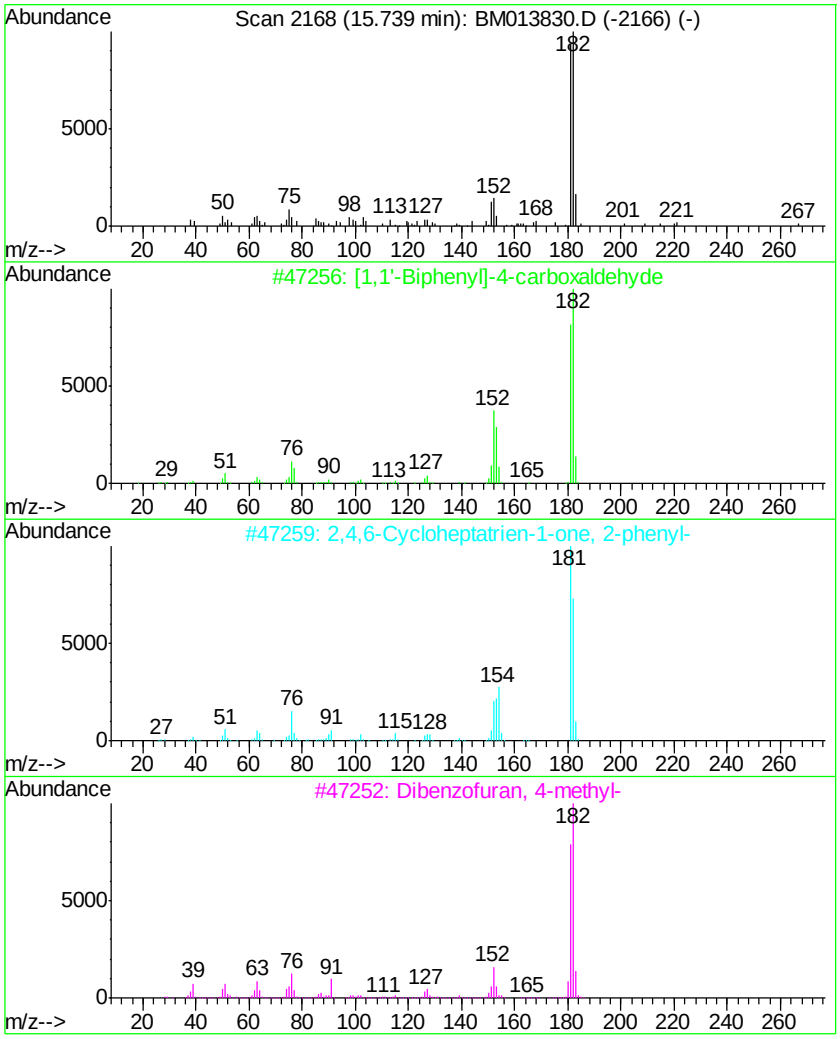
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

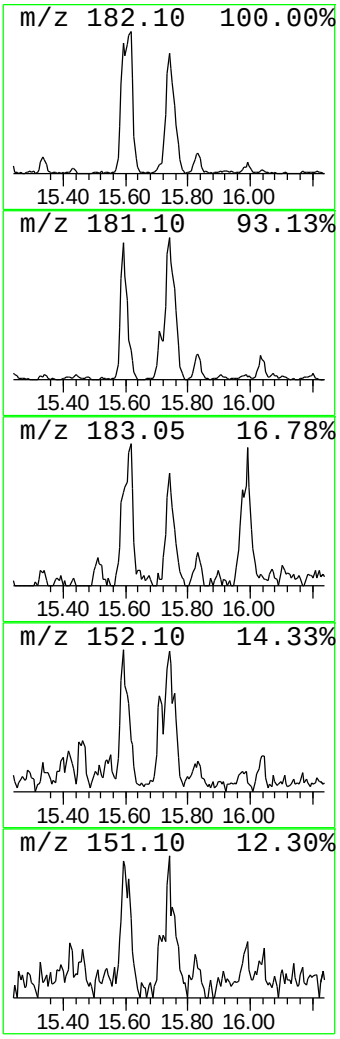
****

Peak Number 9 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.94 ng/ul	284578	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72





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Misc :
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Instrument : BNA_M
ClientSampleId : F6B16

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Quant Title : SVOA CALIBRATION

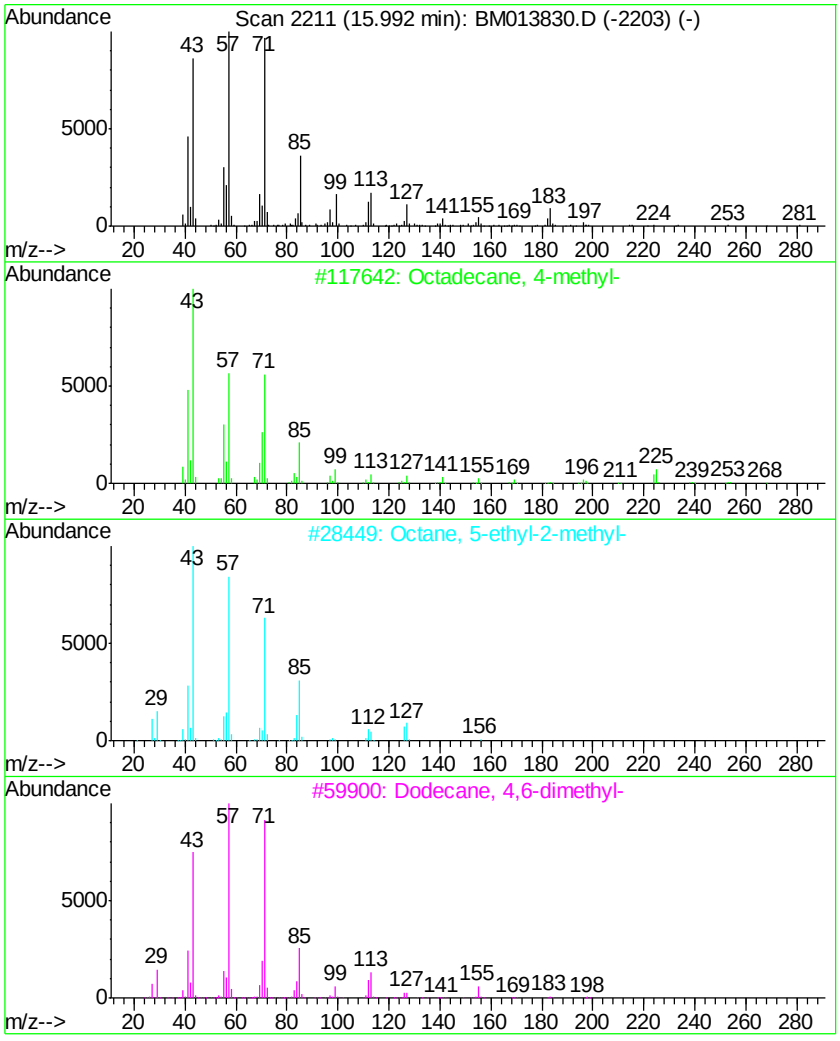
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

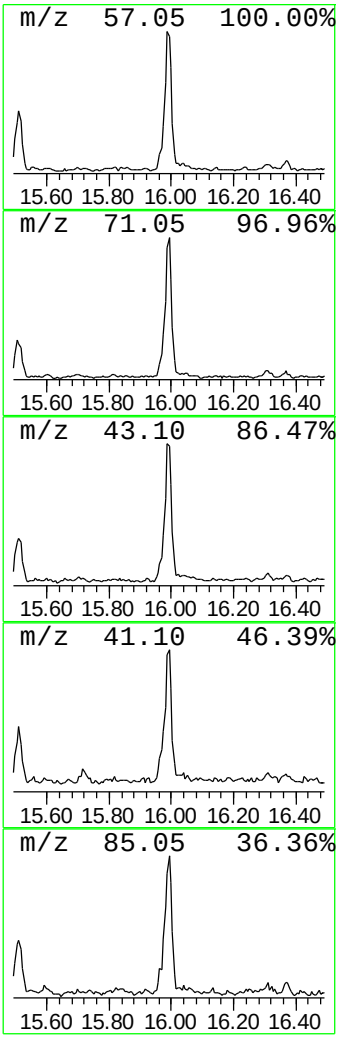
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	11.14 ng/ul	1076930	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 4-methyl-	268	C19H40	010544-95-3	87
2	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	87
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	70





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Sample : J1233-12
Misc :
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Instrument : BNA_M
ClientSampleId : F6B16

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Quant Title : SVOA CALIBRATION

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

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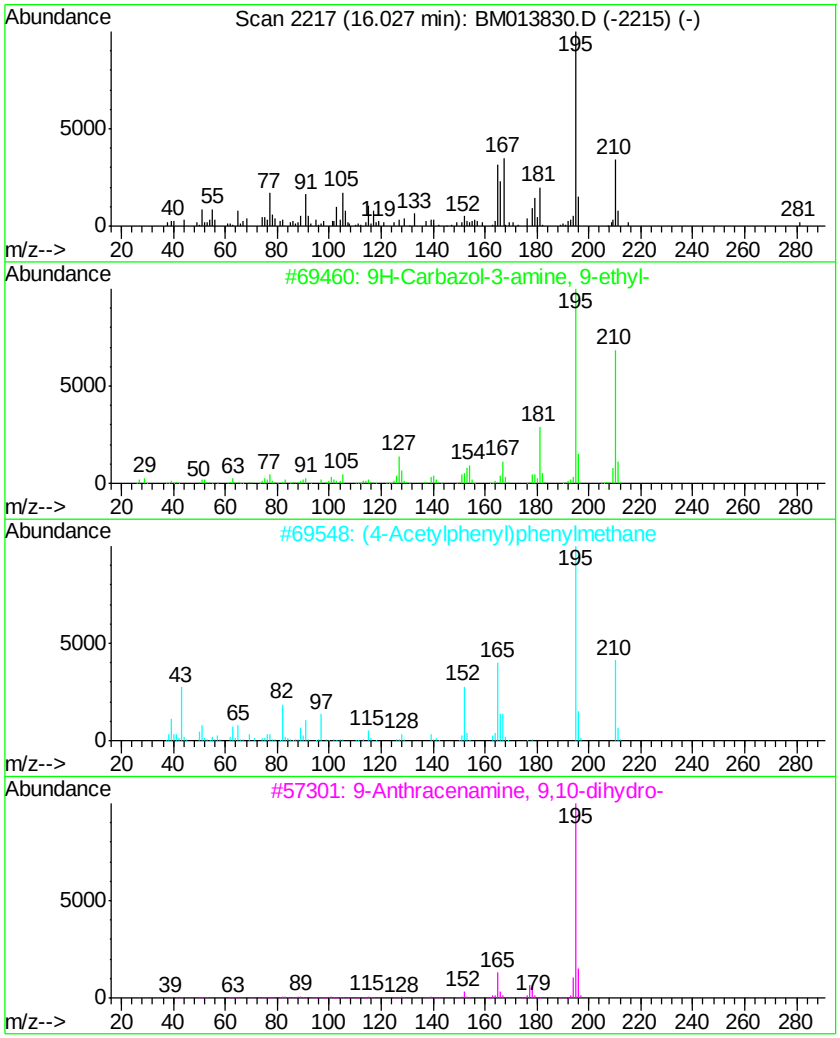
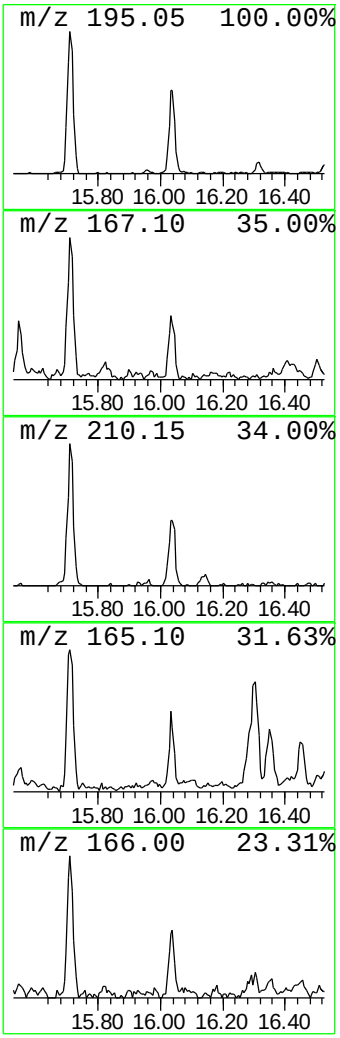
Peak Number 11 9H-Carbazol-3-amine, 9-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.77 ng/ul	268138	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	50
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	49
4	Benzo(H)quinoline 1-oxide	195	C13H9NO	017104-70-0	46
5	Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	43





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Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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Quant Title : SVOA CALIBRATION

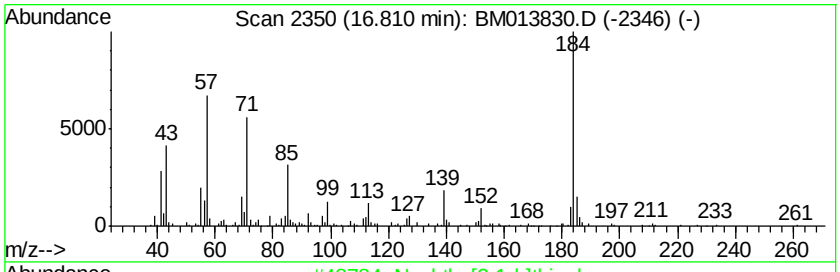
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

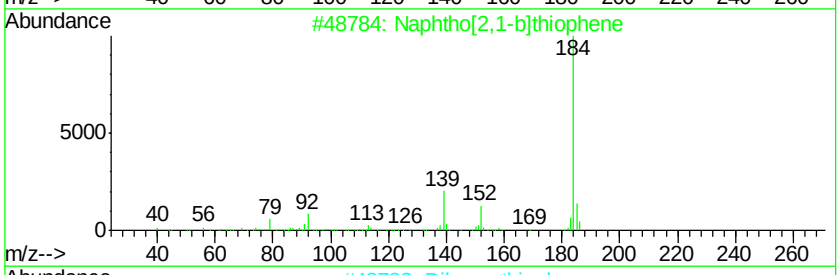
****

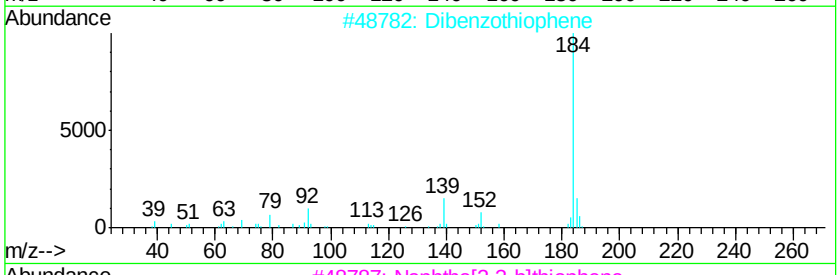
Peak Number 12 Naphtho[2,1-b]thiophene Concentration Rank 6

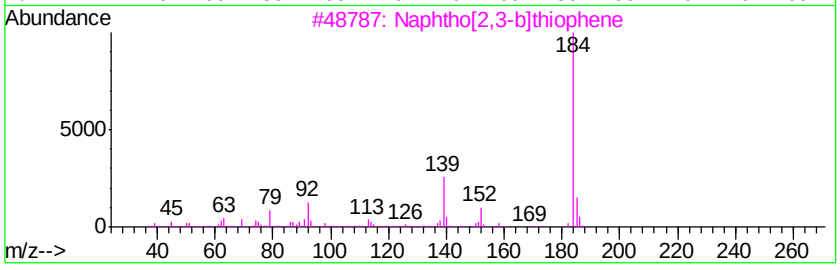
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	6.12 ng/ul	591502	Phenanthrene-d10	17.00

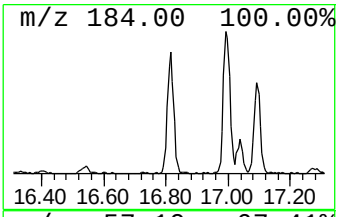
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
2	Dibenzothiophene	184	C12H8S	000132-65-0	60
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	55
4	Dibenzothiophene	184	C12H8S	000132-65-0	55
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	53

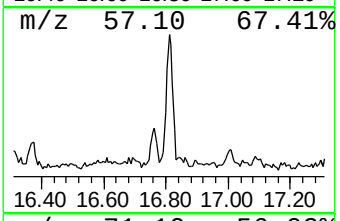


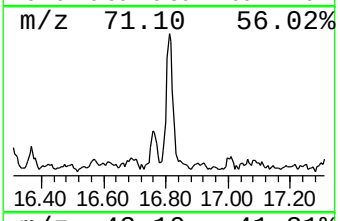


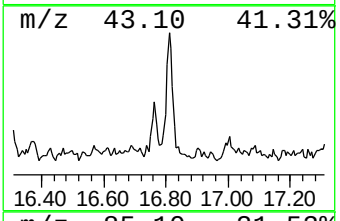


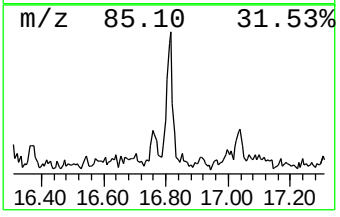












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Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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

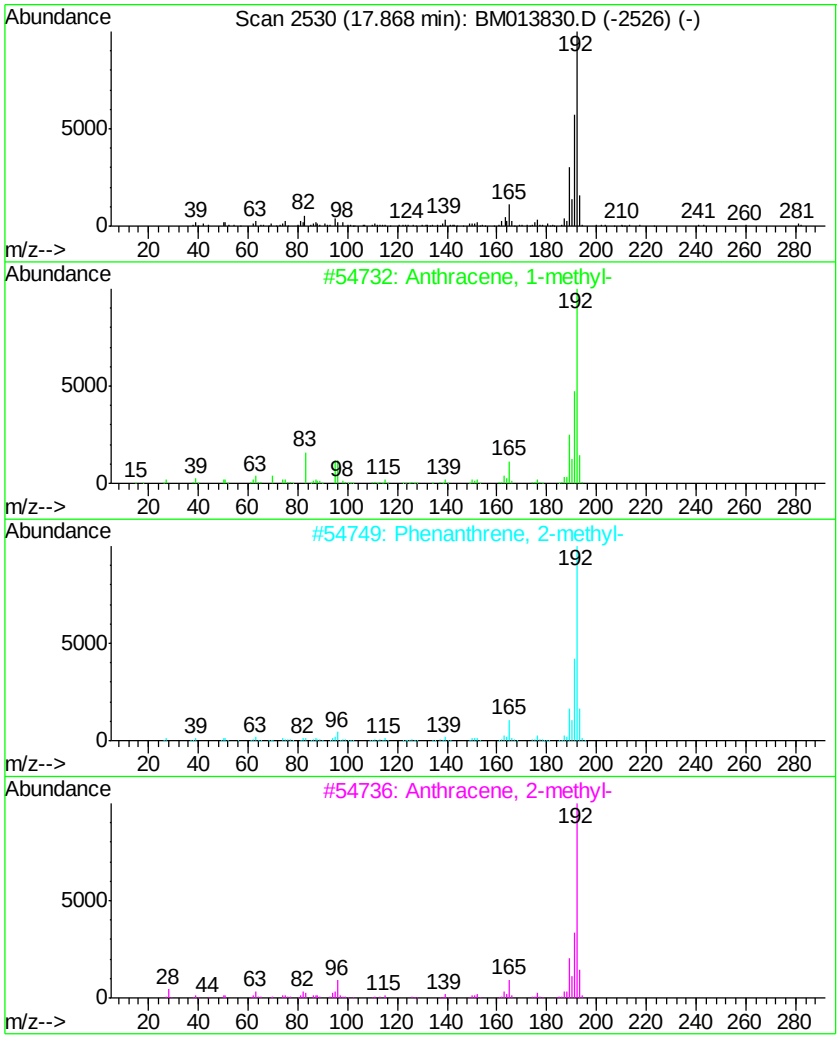
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

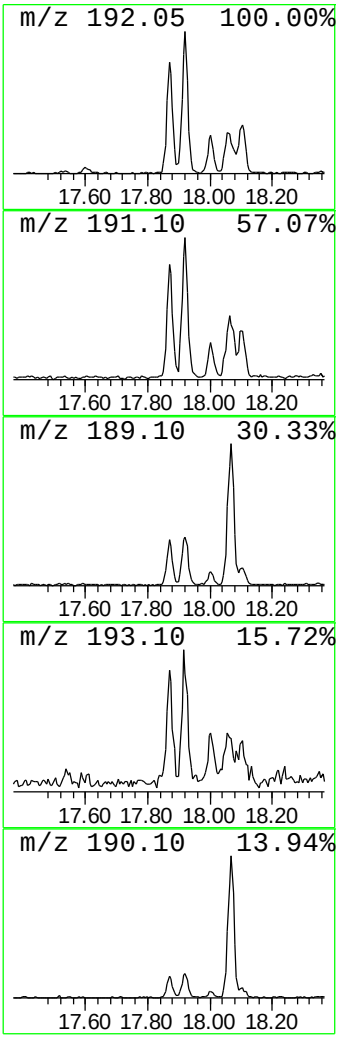
****

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.63 ng/ul	350443	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Misc :
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ClientSampleId : F6B16

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Quant Title : SVOA CALIBRATION

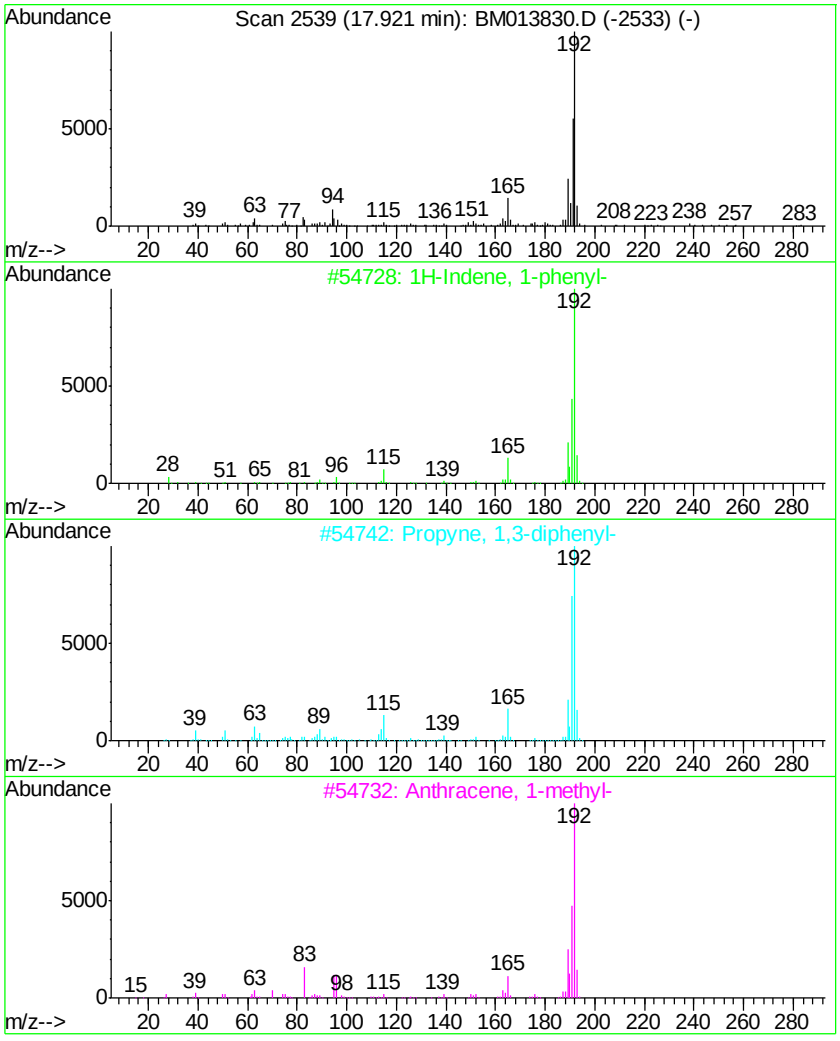
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

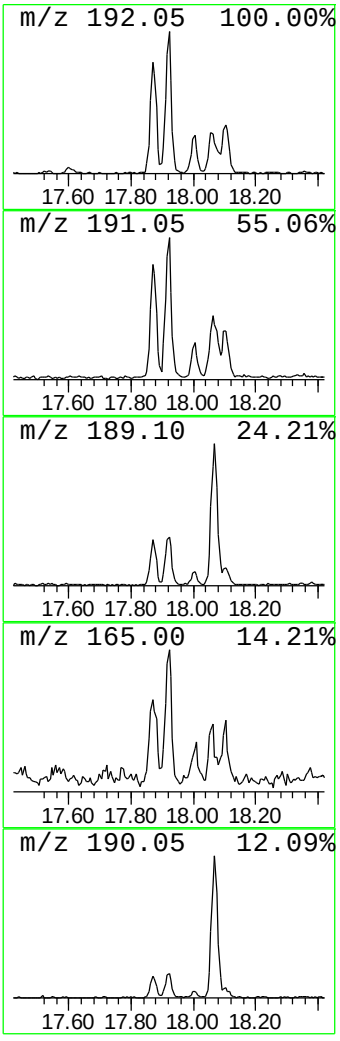
****

Peak Number 14 1H-Indene, 1-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	7.83 ng/ul	756565	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81





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Sample : J1233-12
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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Quant Title : SVOA CALIBRATION

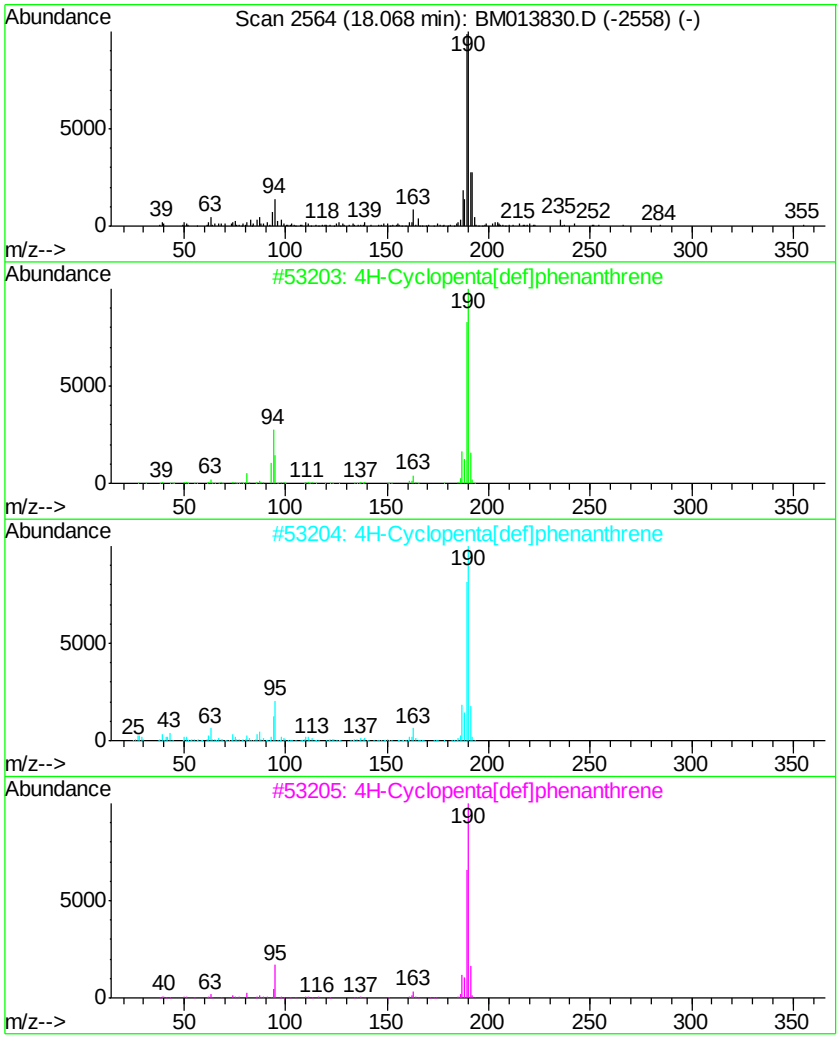
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

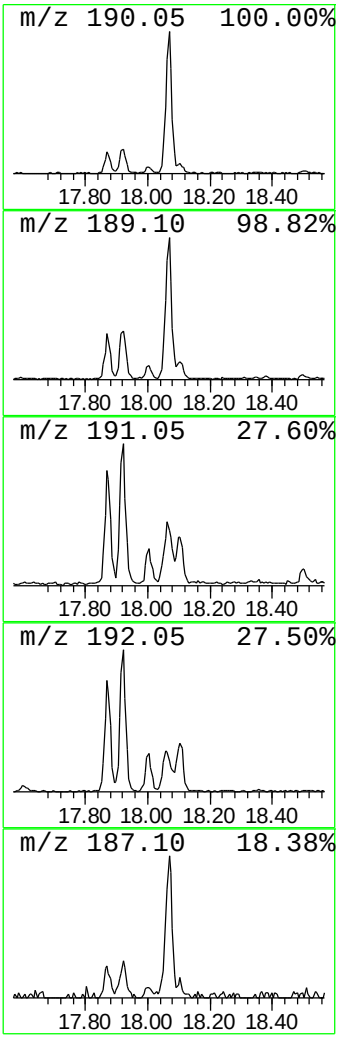
****

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.87 ng/ul	567632	Phenanthrene-d10	17.00

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	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





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Data File : BM013830.D
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Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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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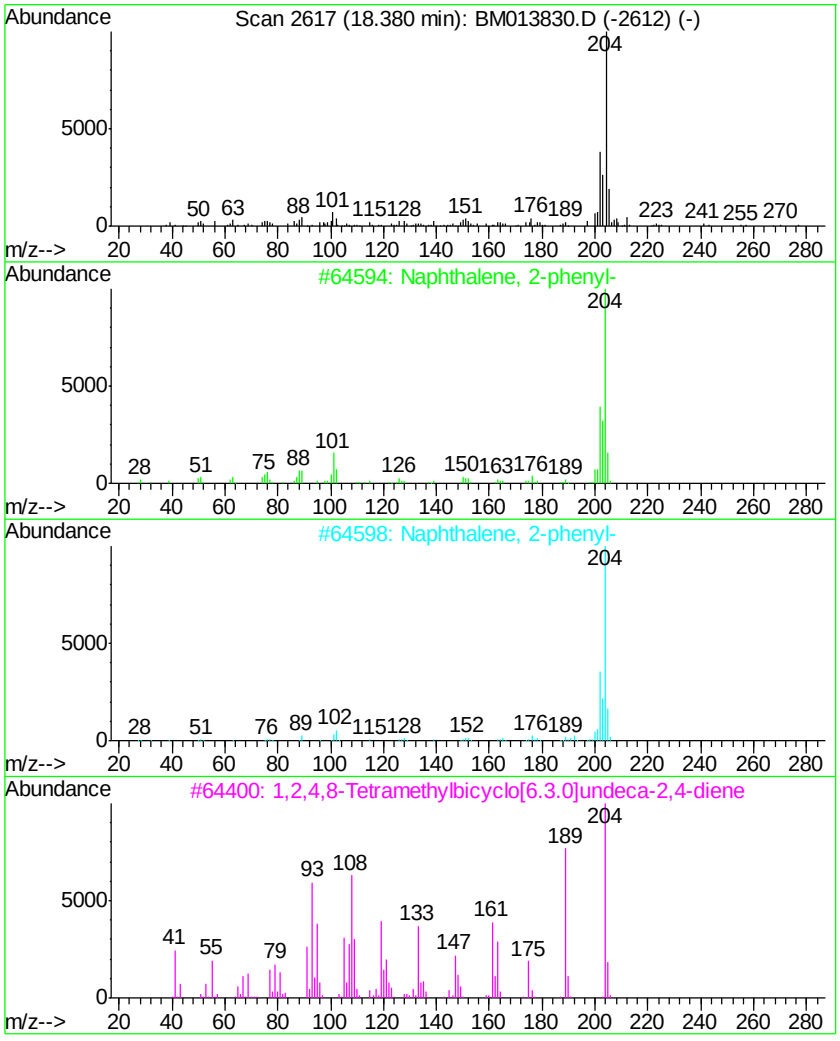
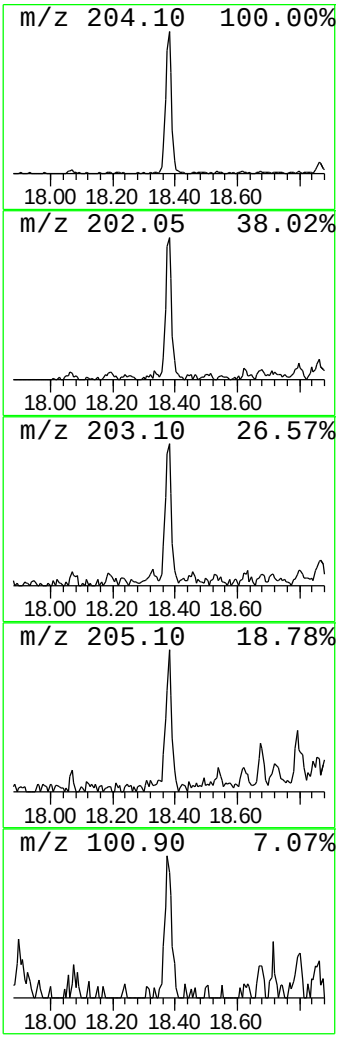
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.94 ng/ul	283808	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012518\
Data File : BM013830.D
Acq On : 26 Jan 2018 05:42
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B16

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
unknown-01	4.74	6.8	ng/ul	340729	1	7.59	996292	20.0
Sulfurous acid, 2...	11.39	2.3	ng/ul	143518	2	10.36	1271250	20.0
Naphthalene, 1-me...	12.26	10.3	ng/ul	651534	2	10.36	1271250	20.0
Naphthalene, 2,3-...	13.40	2.2	ng/ul	228181	3	14.24	2066340	20.0
Naphthalene, 2,6-...	13.56	4.0	ng/ul	417221	3	14.24	2066340	20.0
(DEL) Alkane: Str...	15.51	3.0	ng/ul	312031	3	14.24	2066340	20.0
Benzophenone	15.61	7.3	ng/ul	752528	3	14.24	2066340	20.0
(4-Acetylphenyl)p...	15.71	5.3	ng/ul	510802	4	17.00	1933190	20.0
[1,1'-Biphenyl]-4...	15.74	2.9	ng/ul	284578	4	17.00	1933190	20.0
(DEL) Alkane: Str...	15.99	11.1	ng/ul	1076930	4	17.00	1933190	20.0
9H-Carbazol-3-ami...	16.03	2.8	ng/ul	268138	4	17.00	1933190	20.0
Naphtho[2,1-b]thi...	16.81	6.1	ng/ul	591502	4	17.00	1933190	20.0
Anthracene, 1-met...	17.87	3.6	ng/ul	350443	4	17.00	1933190	20.0
1H-Indene, 1-phenyl-	17.92	7.8	ng/ul	756565	4	17.00	1933190	20.0
4H-Cyclopenta[def...	18.07	5.9	ng/ul	567632	4	17.00	1933190	20.0
Naphthalene, 2-ph...	18.38	2.9	ng/ul	283808	4	17.00	1933190	20.0