LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

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-BM062017.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	6.175	553	559	567	rVB	171582	259492	1.59%	0.248%
2	7.463	771	778	784	rBV	307954	462578	2.83%	0.442%
3	7.828	833	840	847	rBV	277366	415721	2.55%	0.397%
4	7.986	862	867	874	rVB	367585	577056	3.53%	0.551%
5	8.922	1015	1026	1032	rBV2	76966	163729	1.00%	0.156%
6	9.639	1141	1148	1158	rBV4	123857	320122	1.96%	0.306%
7	10.227	1239	1248	1251	rBV	408575	747100	4.58%	0.714%
8	10.286	1251	1258	1265	rVV	9694809	16327081	100.00%	15.595%
9	10.392	1265	1276	1287	rVB	405990	769280	4.71%	0.735%
10	11.904	1522	1533	1539	rBV	3397468	5435563	33.29%	5.192%
11	12.121	1559	1570	1577	rBV	1569377	2475225	15.16%	2.364%
12	12.933	1701	1708	1715	rBV	733901	1089372	6.67%	1.041%
13	13.133	1736	1742	1754	rVB	257270	454256	2.78%	0.434%
14	13.268	1756	1765	1766	rBV	401599	574225	3.52%	0.548%
15	13.427	1785	1792	1797	rBV	579417	1004489	6.15%	0.959%
16	13.480	1797	1801	1806	rVV	389774	565299	3.46%	0.540%
17	13.533	1806	1810	1814	rVB	142263	196605	1.20%	0.188%
18	13.668	1827	1833	1836	rBV	239808	358490	2.20%	0.342%
19	13.798	1850	1855	1858	rBV	160228	264944	1.62%	0.253%
20	13.833	1858	1861	1869	rVB2	212240	291072	1.78%	0.278%
21	14.110	1899	1908	1914	rBV3	760952	1479020	9.06%	1.413%
22	14.180	1914	1920	1928	rVV	2788143	4050259	24.81%	3.869%
23	14.245	1928	1931	1939	rVB2	125578	176698	1.08%	0.169%
24	14.321	1939	1944	1954	rBV2	118721	240881	1.48%	0.230%
25	14.427	1954	1962	1967	rVB2	122082	209081	1.28%	0.200%
26	14.515	1967	1977	1985	rVB	2234270	3353377	20.54%	3.203%
27	14.598	1985	1991	1996	rBV	125068	180824	1.11%	0.173%
28	14.739	2006	2015	2020	rBV3	91937	171818	1.05%	0.164%
29	15.110	2073	2078	2083	rVB2	232062	347233	2.13%	0.332%
30	15.174	2083	2089	2094	rBV	3037004	4165872	25.52%	3.979%
31	15.262	2098	2104	2107	rBV3	101758	183980	1.13%	0.176%
32	15.292	2107	2109	2112	rVV	150913	188830	1.16%	0.180%
33	15.333	2112	2116	2121	rVB	329556	443849	2.72%	0.424%
34	15.421	2127	2131	2134	rVB	143345	191059	1.17%	0.182%

LSC Area Percent Report

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Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

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-BM062017.M
Title : SVOA CALIBRATION

35	15.468	2134	2139	2149	rVB	448743	641706	3.93%	0.613%
36	15.615	2149	2164	2172	rBV	478116	994698	6.09%	0.950%
37	15.968	2218	2224	2231	rBV4	120324	208762	1.28%	0.199%
38	16.174	2248	2259	2264	rBV2	314223	656604	4.02%	0.627%
39	16.327	2279	2285	2290	rVB2	133652	236398	1.45%	0.226%
40	16.604	2326	2332	2338	rVV	166177	310874	1.90%	0.297%
41	16.686	2338	2346	2357	rVB	620742	1000900	6.13%	0.956%
42	16.868	2367	2377	2380	rBV	917239	1426425	8.74%	1.362%
43	16.921	2380	2386	2391	rVV	9998201	13655185	83.64%	13.043%
44	16.968	2391	2394	2396	rVV	284999	375842	2.30%	0.359%
45	17.004	2396	2400	2406	rVB	1356638	1791180	10.97%	1.711%
46	17.274	2441	2446	2451	rBV	651317	879566	5.39%	0.840%
47	17.445	2470	2475	2485	rVB6	76586	194013	1.19%	0.185%
48	17.745	2521	2526	2530	rBV	600915	791112	4.85%	0.756%
49	17.792	2530	2534	2542	rVB	886338	1198314	7.34%	1.145%
50	17.874	2542	2548	2553	rBV	347048	499980	3.06%	0.478%
51	17.939	2553	2559	2563	rBV2	1094783	1747134	10.70%	1.669%
52	17.974	2563	2565	2573	rVB	305676	358569	2.20%	0.342%
53	18.250	2608	2612	2617	rVB	422501	565311	3.46%	0.540%
54	18.674	2678	2684	2690	rBV2	192780	382429	2.34%	0.365%
55	18.739	2690	2695	2698	rBV3	128060	206410	1.26%	0.197%
56	18.945	2724	2730	2736	rBV	5849207	7677895	47.03%	7.334%
57	19.186	2767	2771	2776	rBV	174712	239958	1.47%	0.229%
58	19.280	2781	2787	2788	rBV	1233172	1507927	9.24%	1.440%
59	19.309	2788	2792	2796	rVV	3500295	4892814	29.97%	4.674%
60	19.380	2800	2804	2812	rVB2	208695	375674	2.30%	0.359%
61	19.492	2812	2823	2828	rBV	239595	408554	2.50%	0.390%
62	19.639	2839	2848	2853	rBV3	209165	556397	3.41%	0.531%
63	19.686	2853	2856	2860	rVB	129903	166502	1.02%	0.159%
64	19.774	2865	2871	2873	rVV2	163503	298293	1.83%	0.285%
65	19.809	2873	2877	2883	rVB	758601	997517	6.11%	0.953%
66	19.909	2889	2894	2898	rBV	878569	1067418	6.54%	1.020%
67	19.962	2898	2903	2908	rVV2	288370	495989	3.04%	0.474%
68	20.150	2931	2935	2945	rVB2	121005	233025	1.43%	0.223%
69	20.521	2994	2998	3003	rBV2	104619	189392	1.16%	0.181%
70	20.727	3028	3033	3036	rBV	233040	286698	1.76%	0.274%
71	20.768	3036	3040	3043	rVV	227578	280360	1.72%	0.268%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

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-BM062017.M
Title : SVOA CALIBRATION

72	20.797	3043	3045	3051	rVB2	104785	198007	1.21%	0.189%
73	21.074	3085	3092	3097	rVV3	1833619	3702072	22.67%	3.536%
74	21.121	3097	3100	3108	rVB	903900	1124269	6.89%	1.074%
75	21.233	3116	3119	3123	rBV	242052	292665	1.79%	0.280%
76	21.391	3141	3146	3151	rBV2	136745	229794	1.41%	0.219%
77	21.621	3179	3185	3189	rVV	144426	222653	1.36%	0.213%
78	21.839	3219	3222	3228	rVB2	126593	175580	1.08%	0.168%
79	22.586	3344	3349	3354	rBV	341742	748915	4.59%	0.715%
80	23.038	3421	3426	3430	rBV	138704	225894	1.38%	0.216%
81	23.085	3430	3434	3437	rVV	138514	219069	1.34%	0.209%
82	23.127	3437	3441	3449	rVB	248162	477616	2.93%	0.456%
83	23.221	3451	3457	3463	rBV2	645726	1145660	7.02%	1.094%

Sum of corrected areas: 104692499

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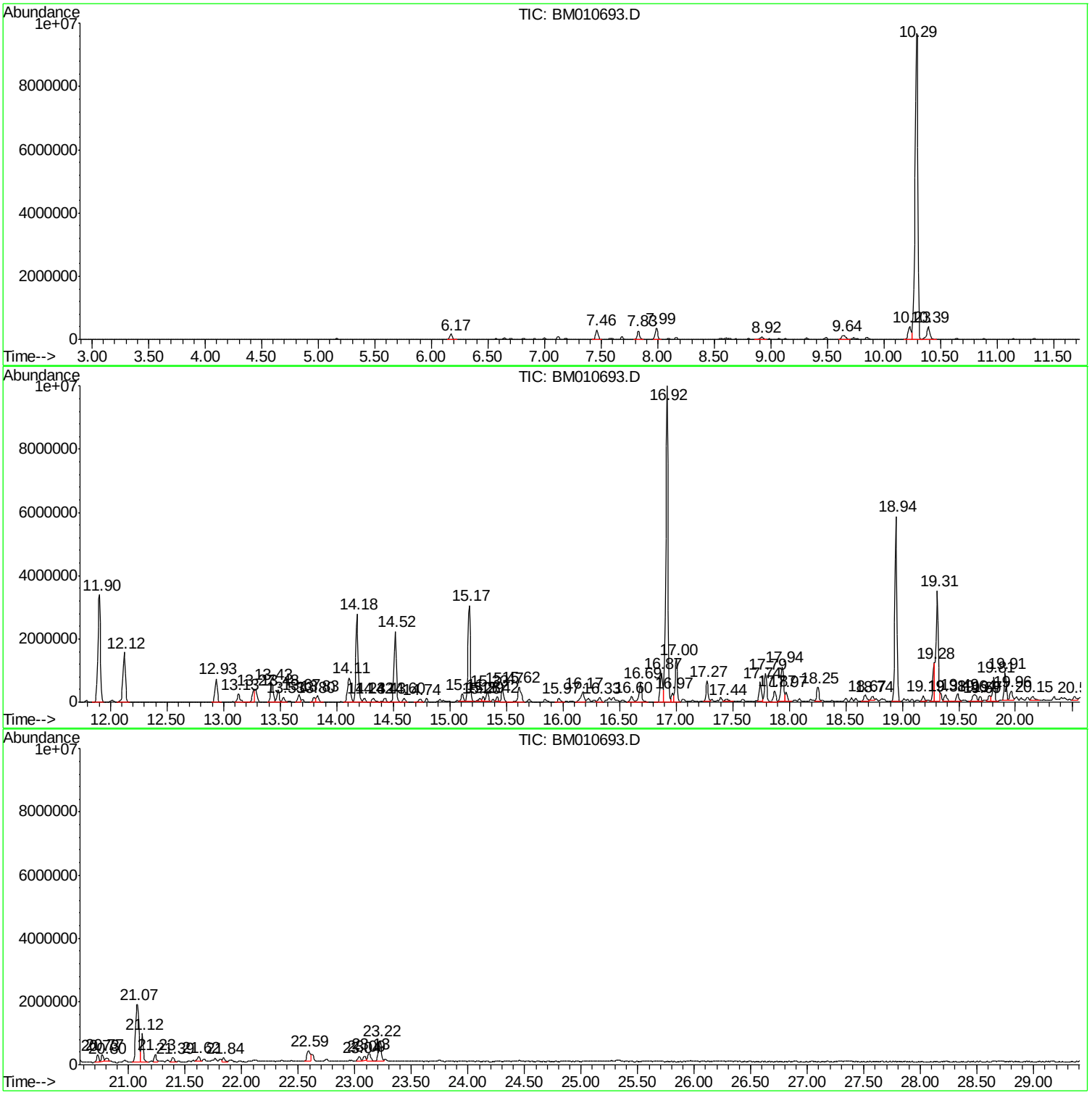
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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\BM062317\
Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

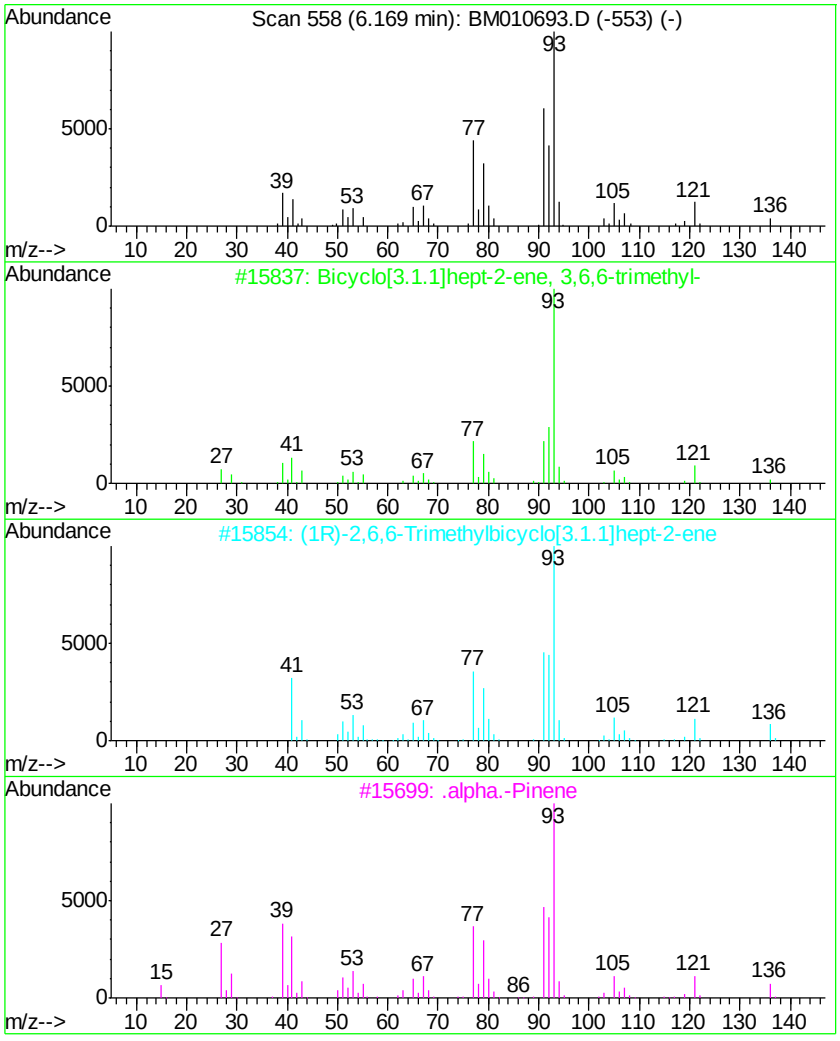
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

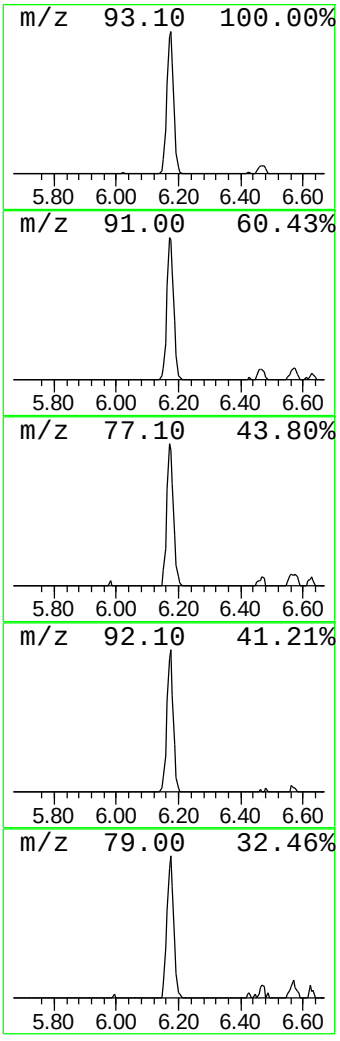
****

Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	11.22 ng/ul	259492	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	3-Carene	136	C10H16	013466-78-9	87
5	3-Carene	136	C10H16	013466-78-9	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

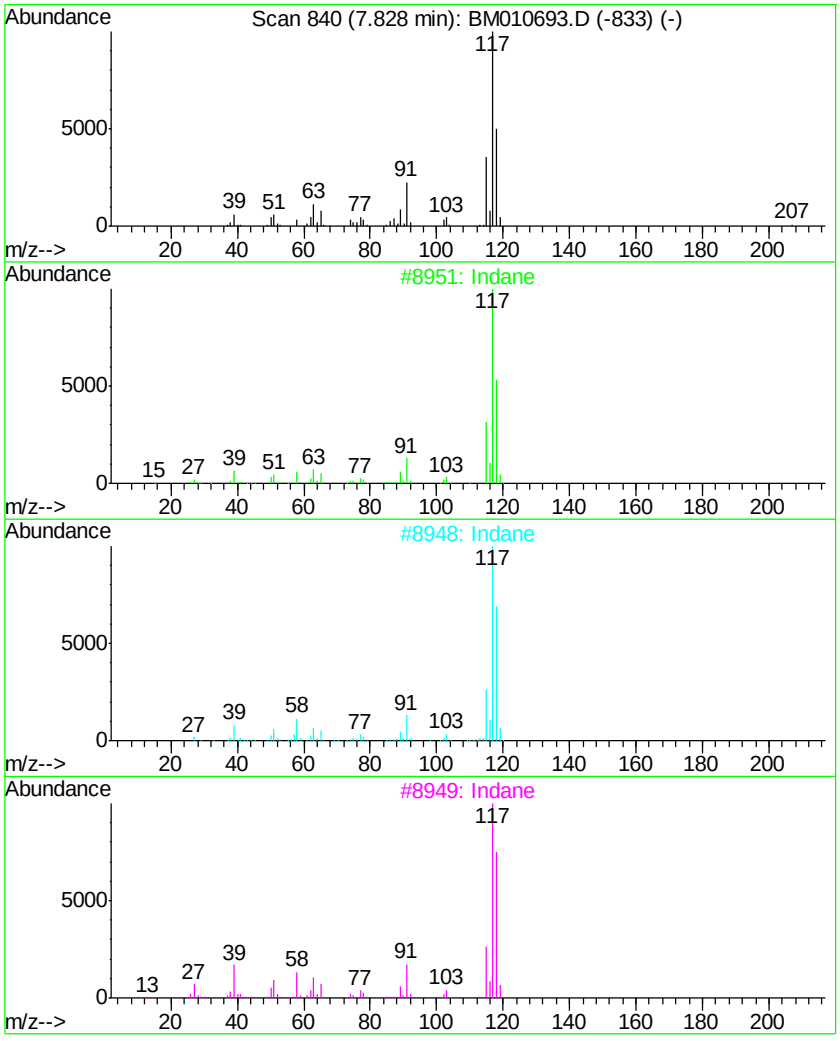
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

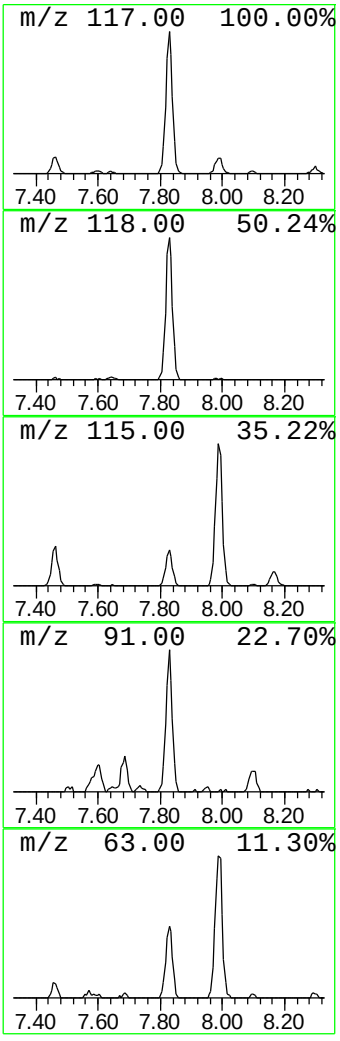
****

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	17.97 ng/ul	415721	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	53
4	Indane	118	C9H10	000496-11-7	53
5	Indan, 1-methyl-	132	C10H12	000767-58-8	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Acq On : 23 Jun 2017 17:01
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Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

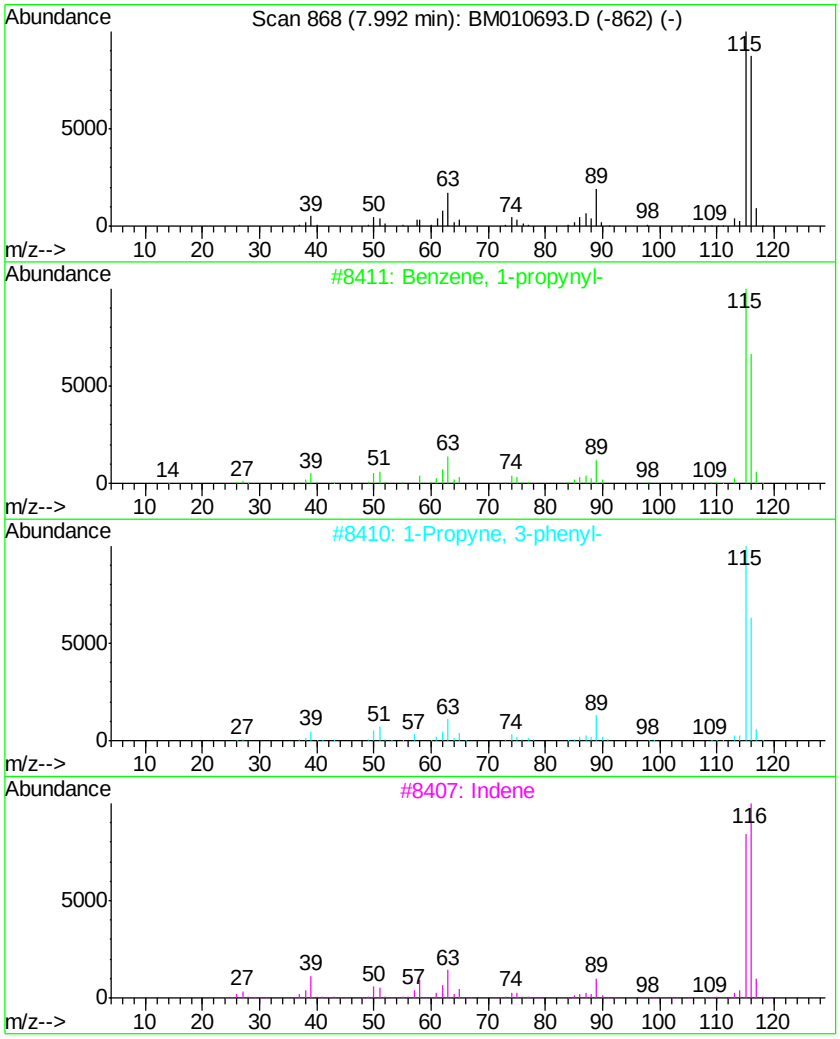
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

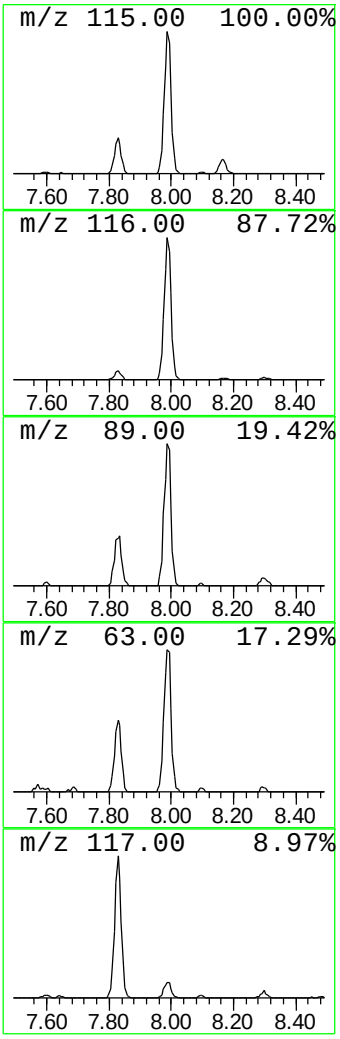
****

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	24.95 ng/ul	577056	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Sample : I3599-13ME 5X
Misc :
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Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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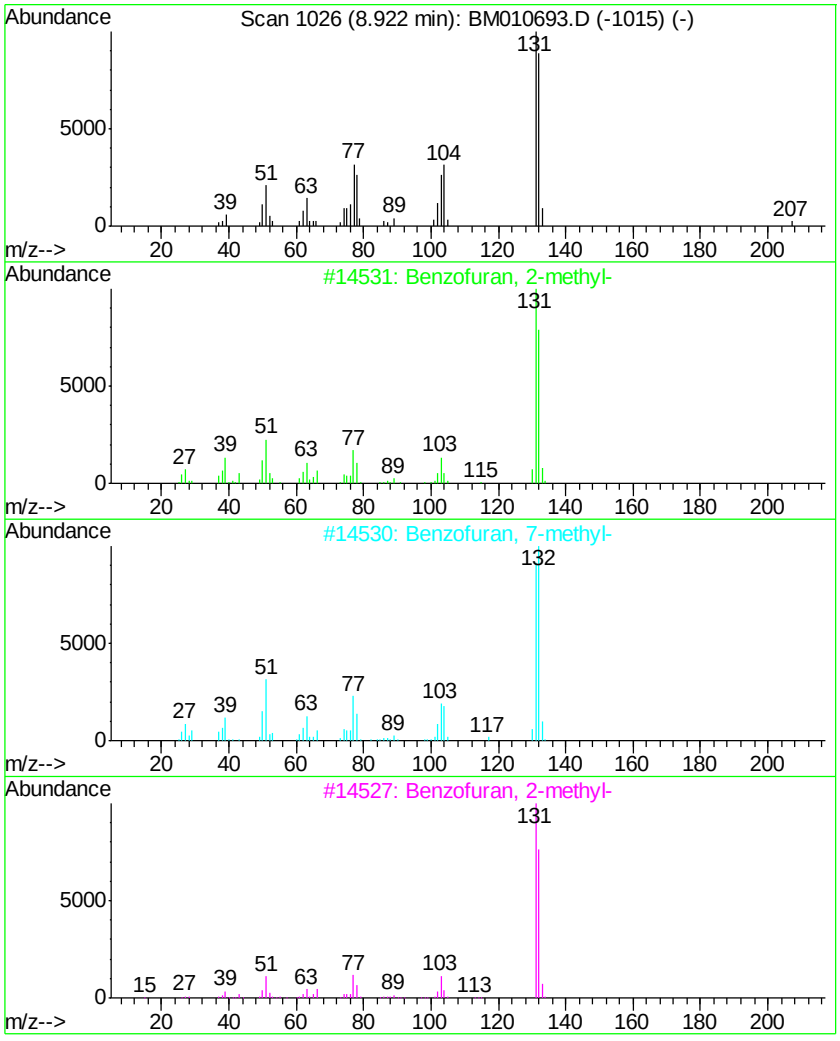
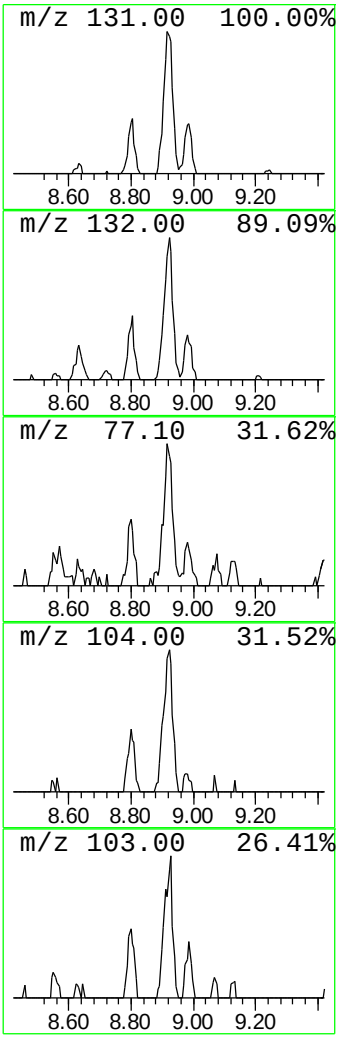
****

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	4.38 ng/ul	163729	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





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Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

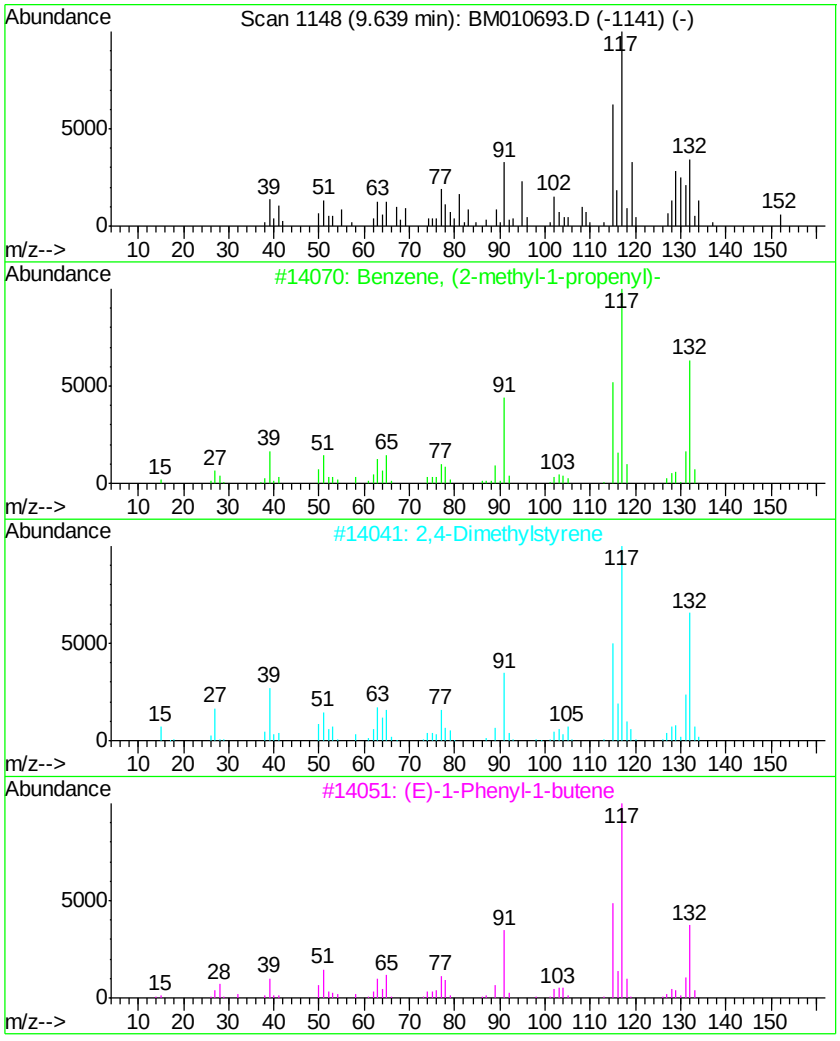
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

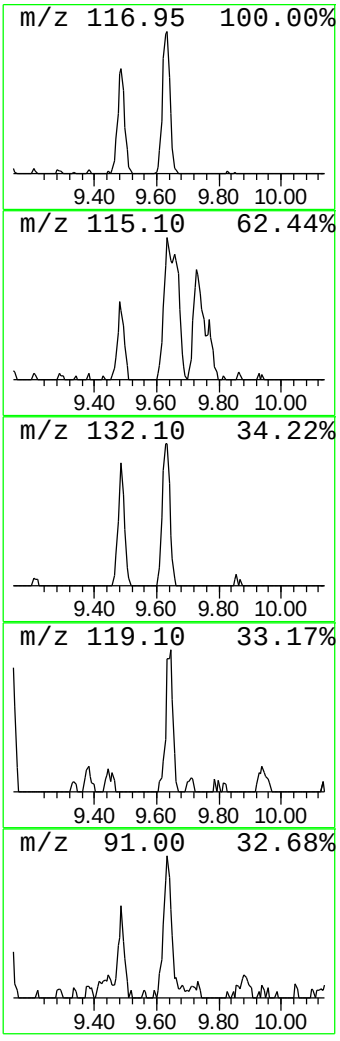
****

Peak Number 5 Benzene, (2-methyl-1-propen... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	8.57 ng/ul	320122	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	60
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	60
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	55
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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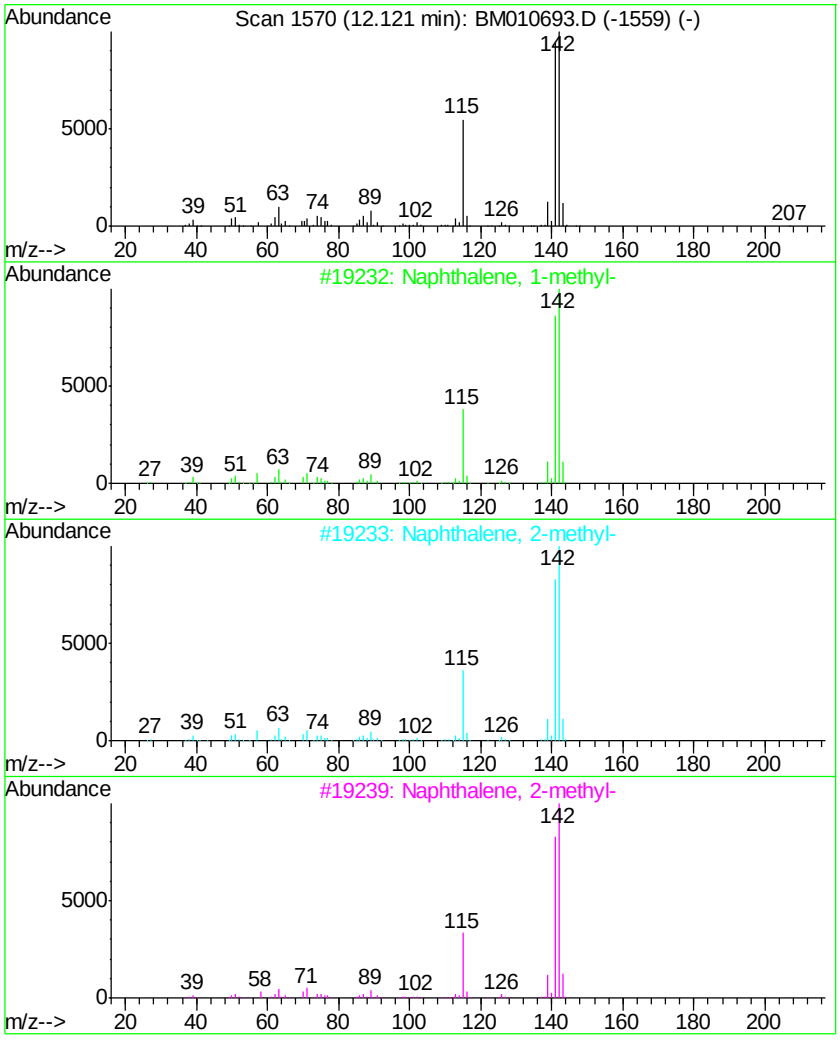
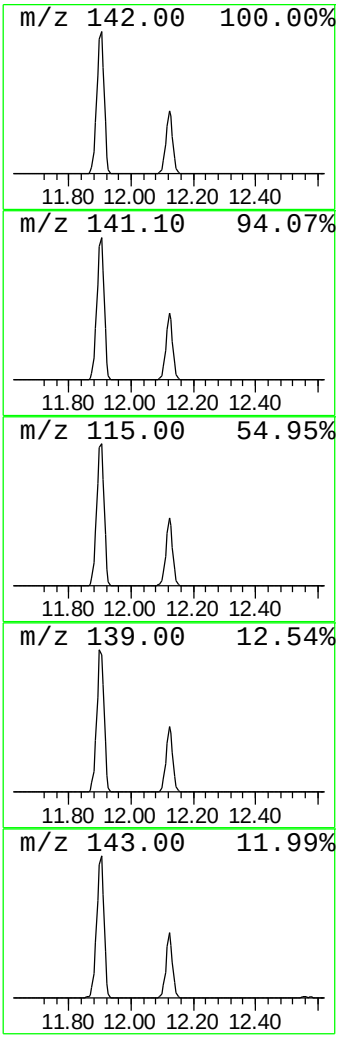
Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	66.26 ng/ul	2475230	Naphthalene-d8	10.23

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	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





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Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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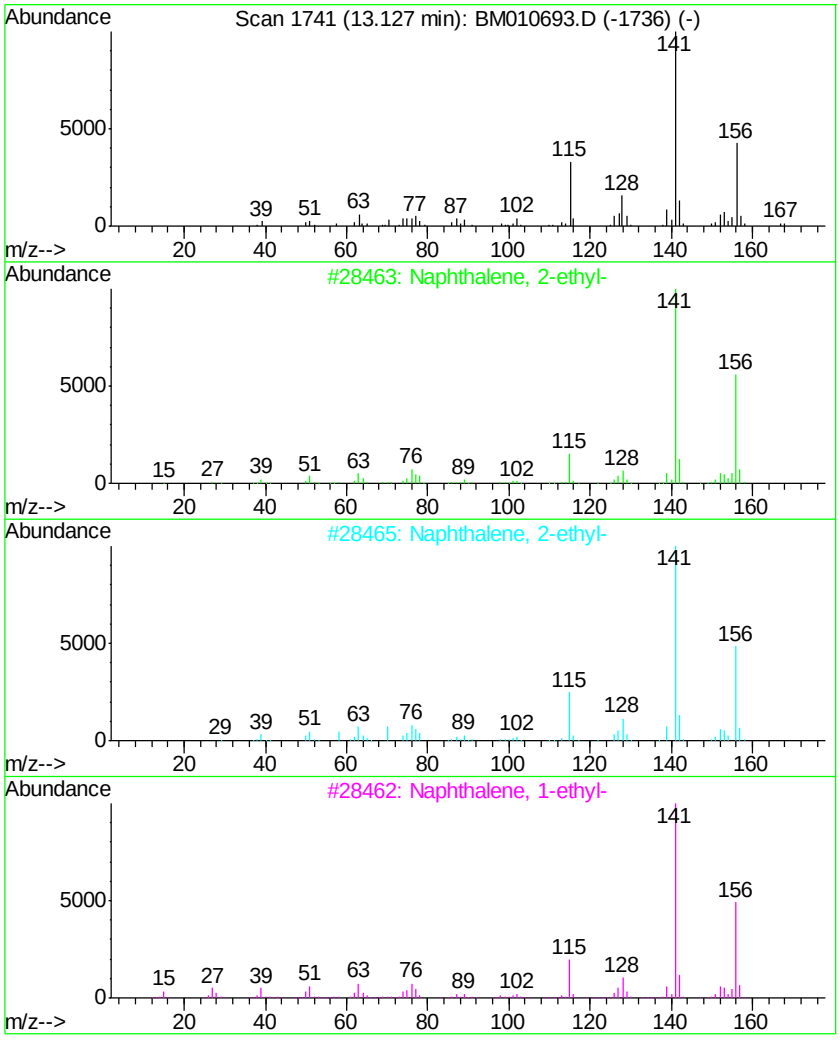
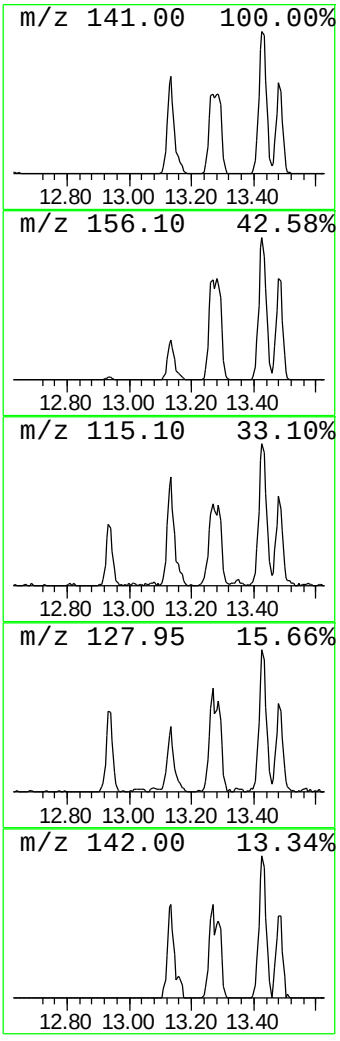
Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	6.14 ng/ul	454256	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





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Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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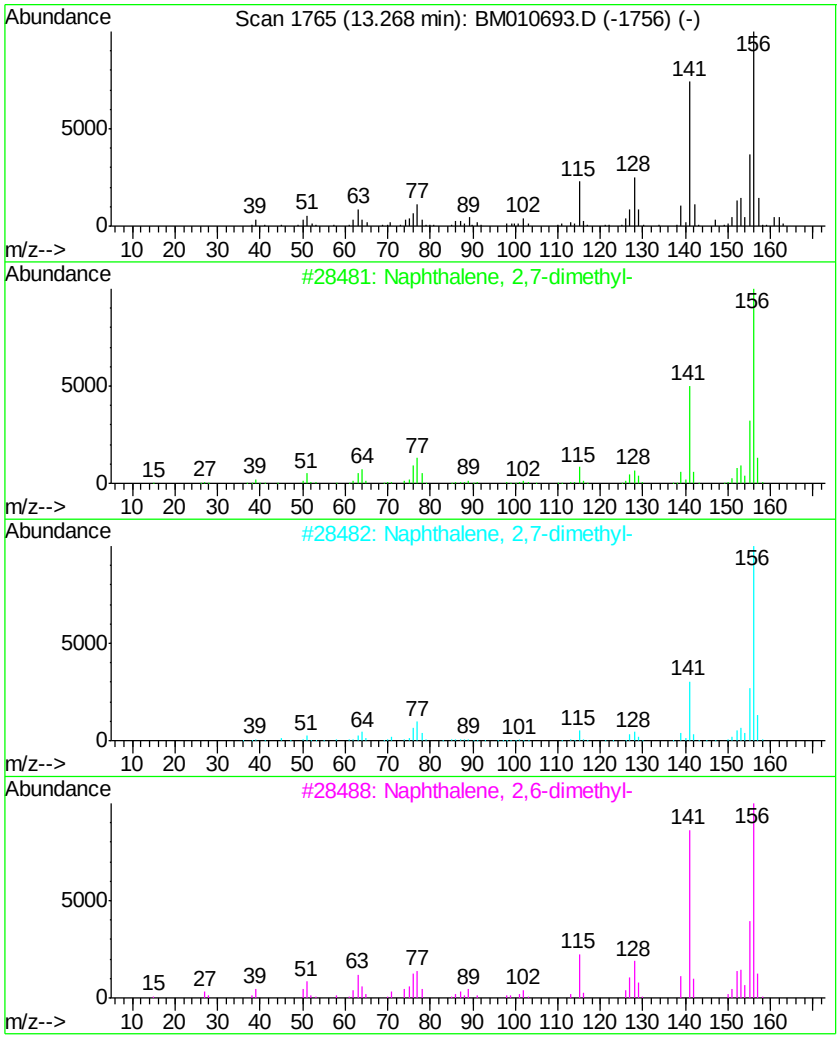
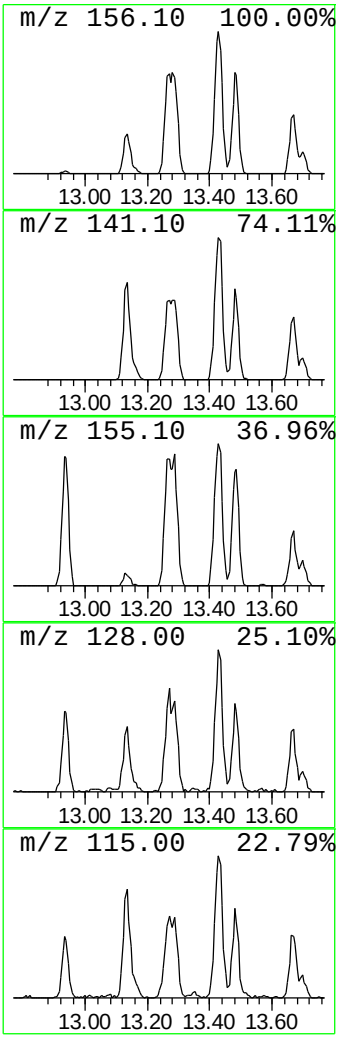
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	7.76 ng/ul	574225	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





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Acq On : 23 Jun 2017 17:01
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Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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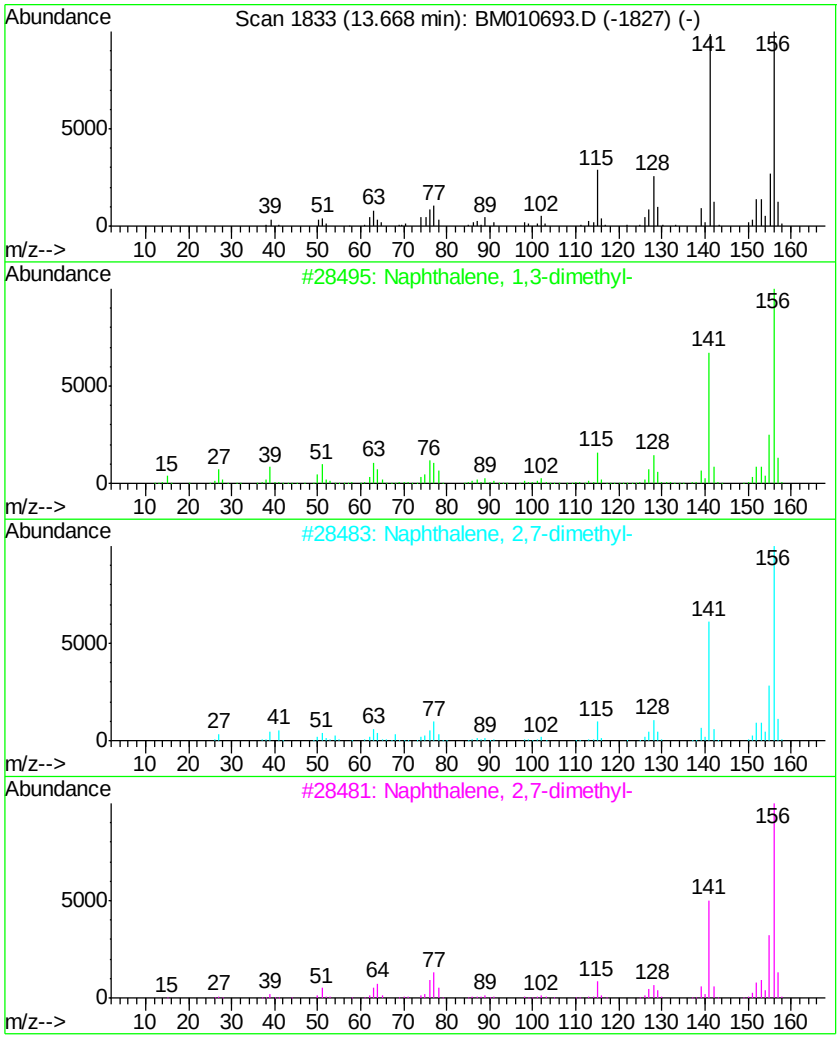
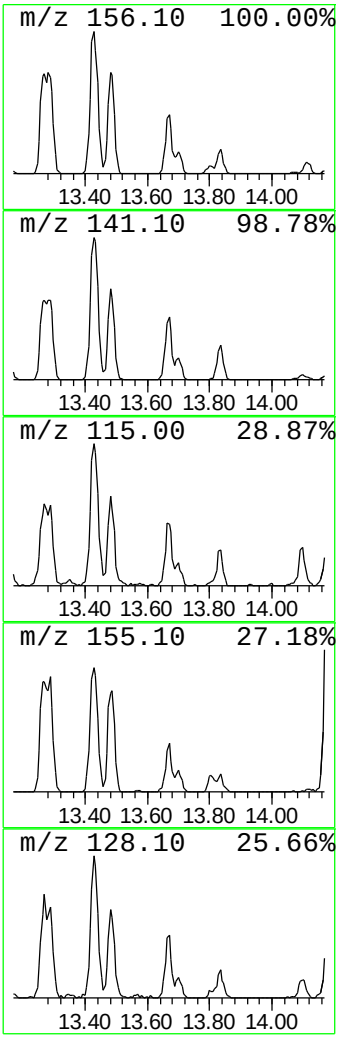
Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.85 ng/ul	358490	Acenaphthene-d10	14.12

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





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Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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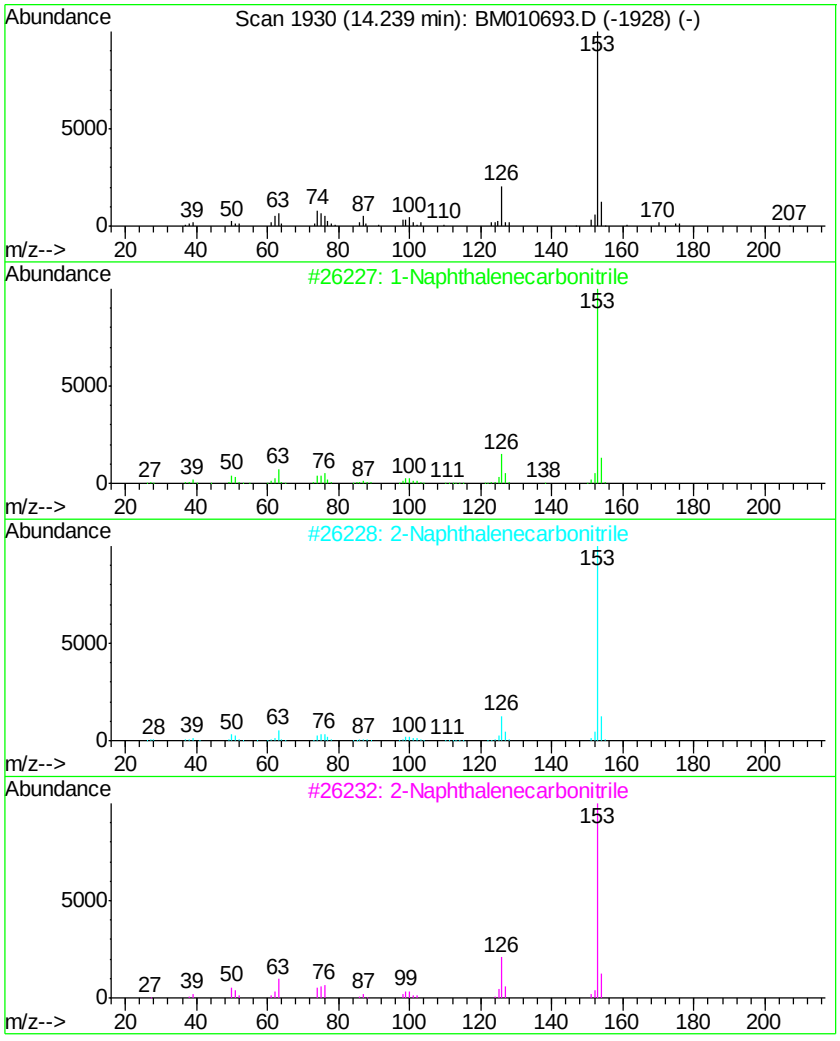
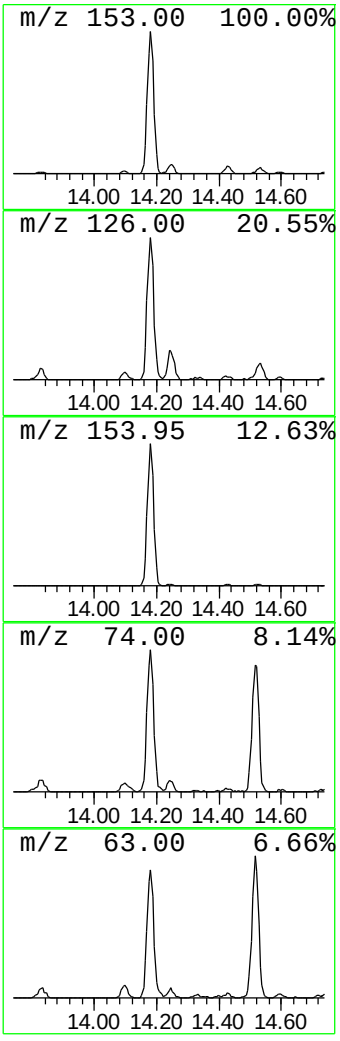
Peak Number 12 1-Naphthalenecarbonitrile Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.39 ng/ul	176698	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	95
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





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Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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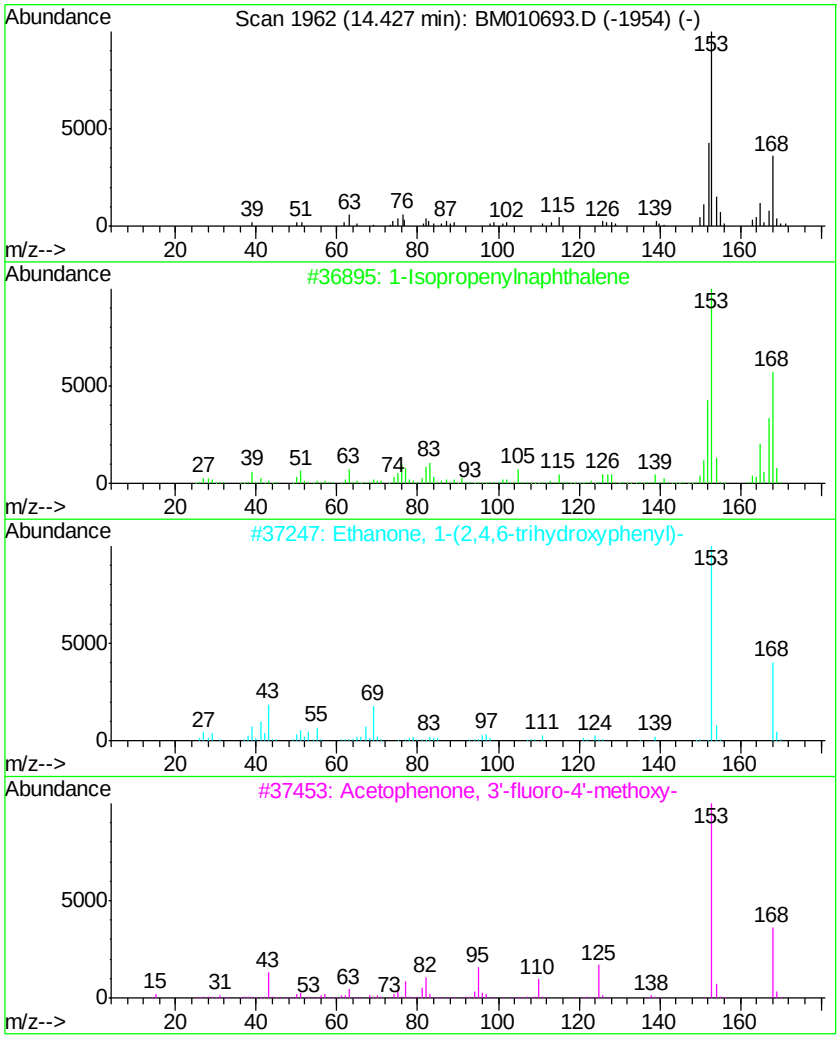
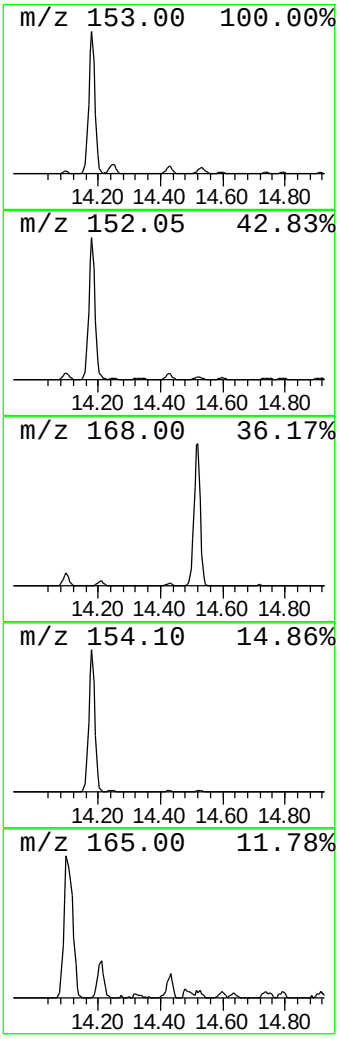
Peak Number 13 1-Isopropenylnaphthalene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.83 ng/ul	209081	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49
3	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	47
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
5	2(1H)-Pyridinethione, 1,4,6-trim...	153	C8H11NS	019006-70-3	42





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Acq On : 23 Jun 2017 17:01
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Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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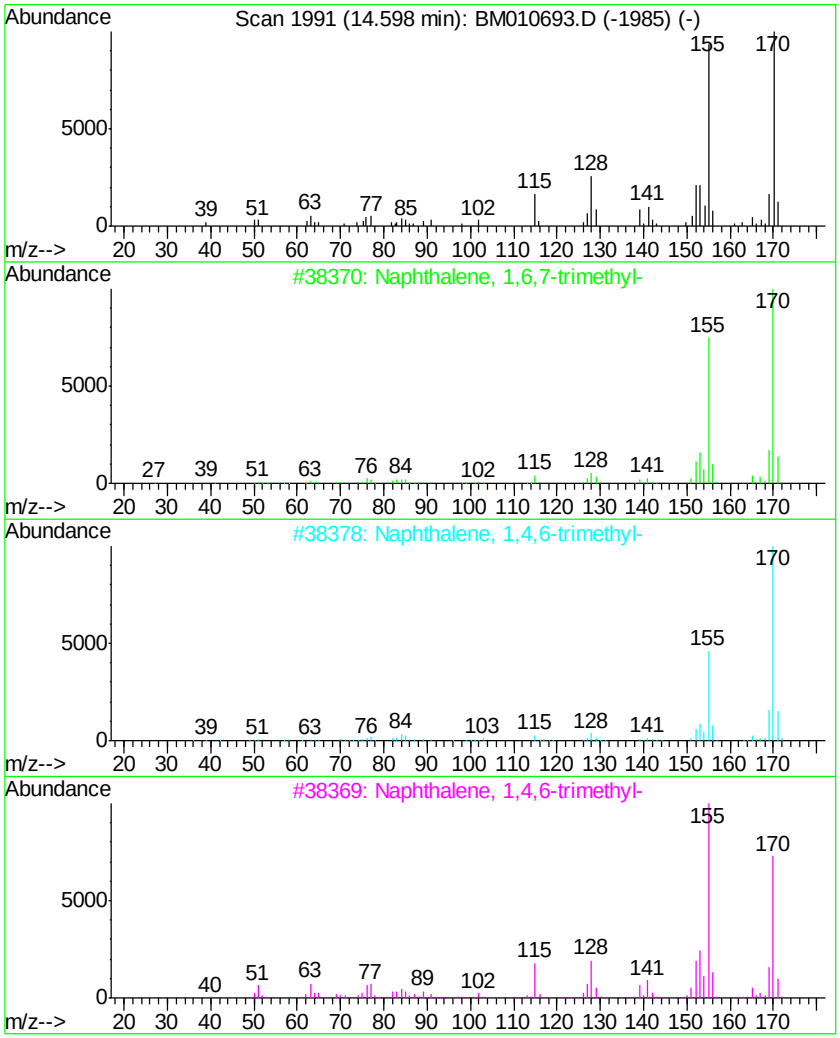
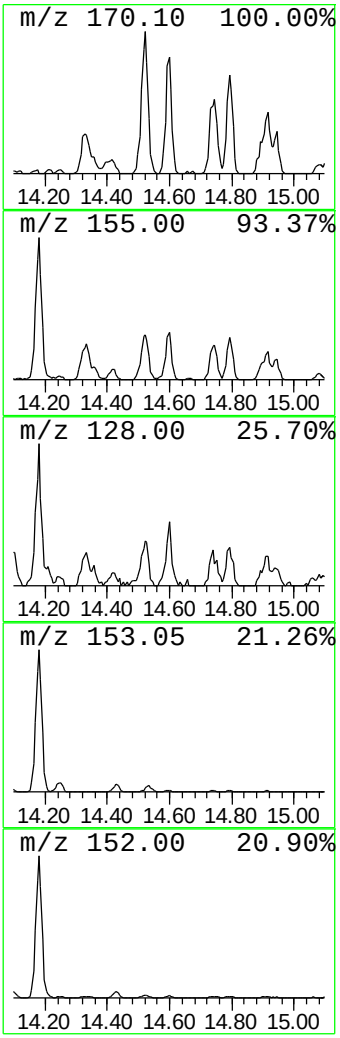
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.45 ng/ul	180824	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





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Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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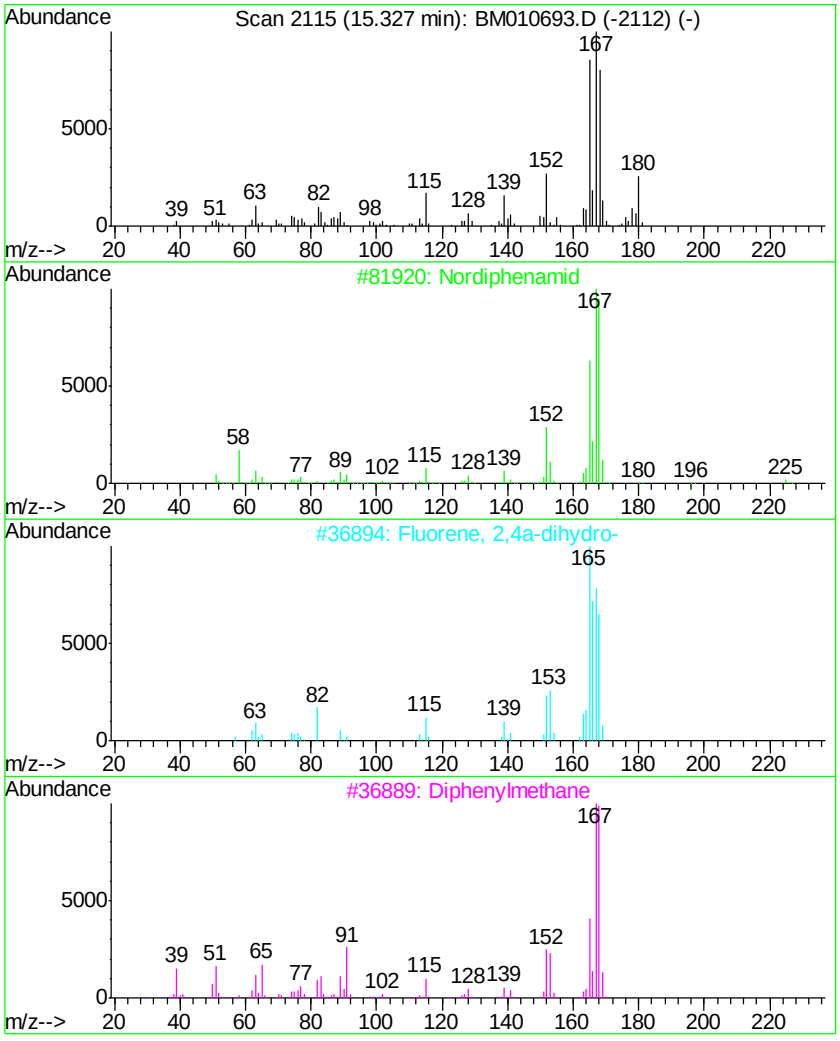
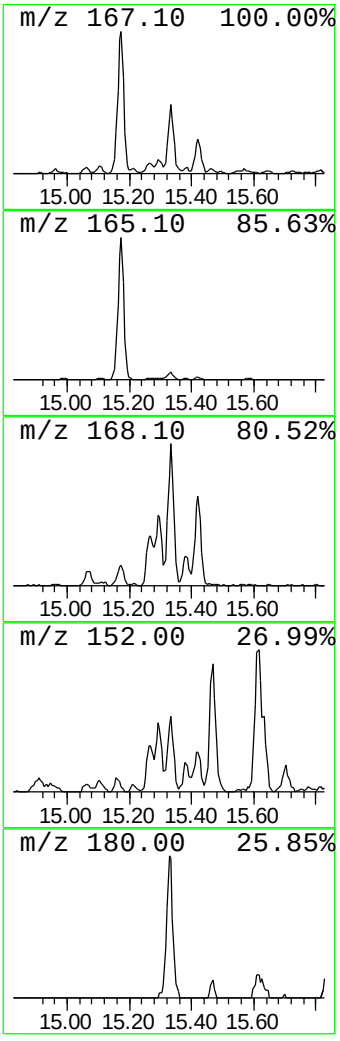
Peak Number 16 Nordiphenamid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	6.00 ng/ul	443849	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	87
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	78
3	Diphenylmethane	168	C13H12	000101-81-5	60
4	Diphenylmethane	168	C13H12	000101-81-5	53
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53





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Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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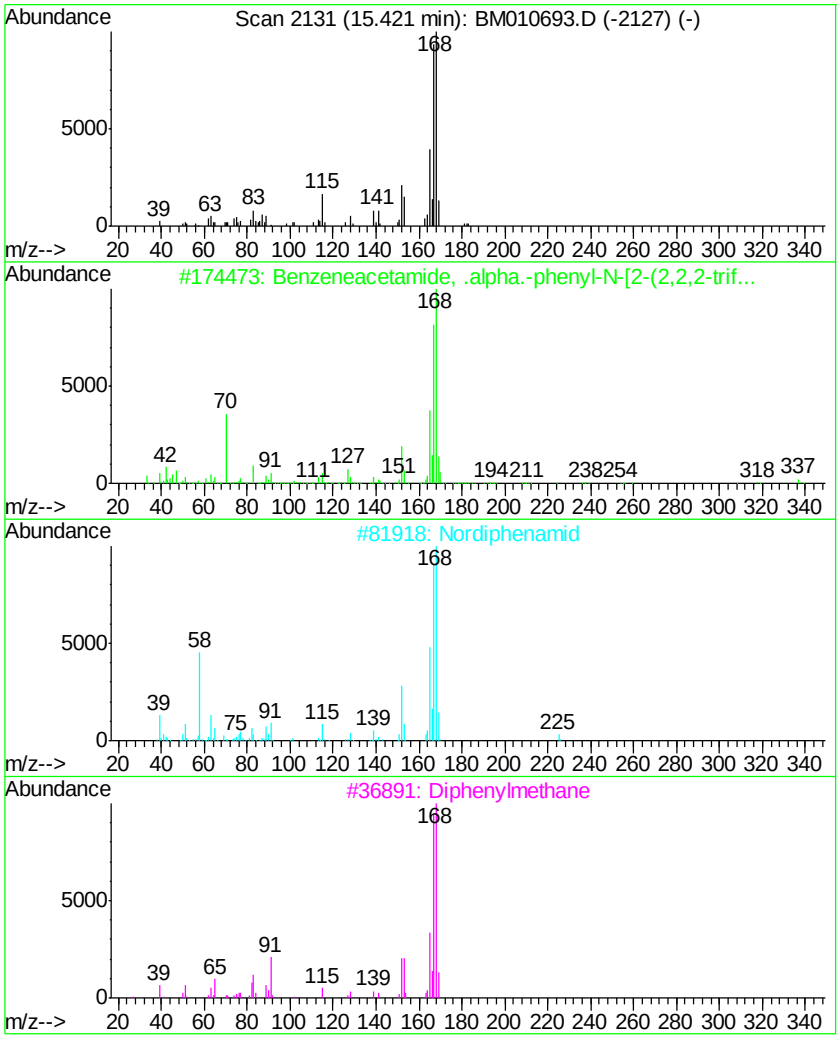
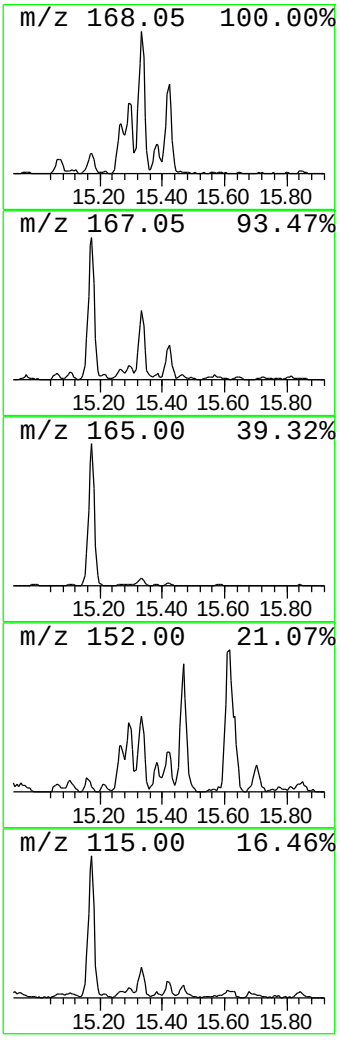
Peak Number 17 Benzeneacetamide, .alpha.-p... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.58 ng/ul	191059	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	90
2	Nordiphenamid	225	C15H15NO	000954-21-2	90
3	Diphenylmethane	168	C13H12	000101-81-5	81
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
5	Diphenylmethane	168	C13H12	000101-81-5	81





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Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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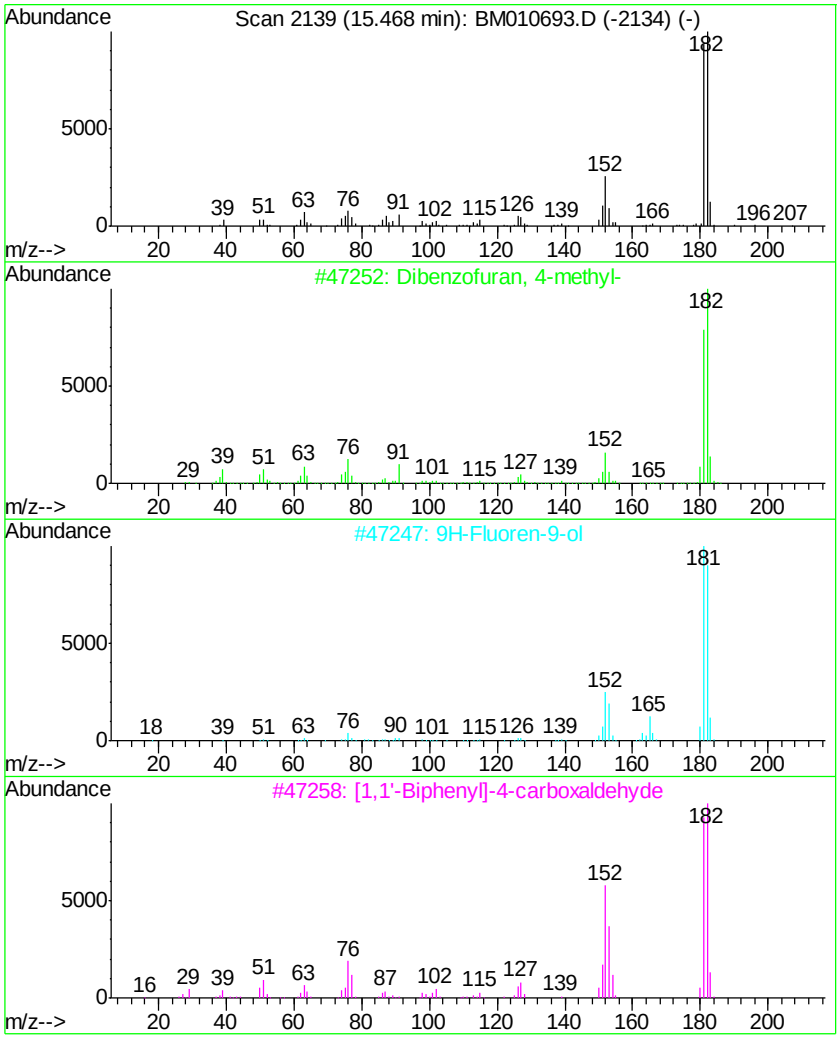
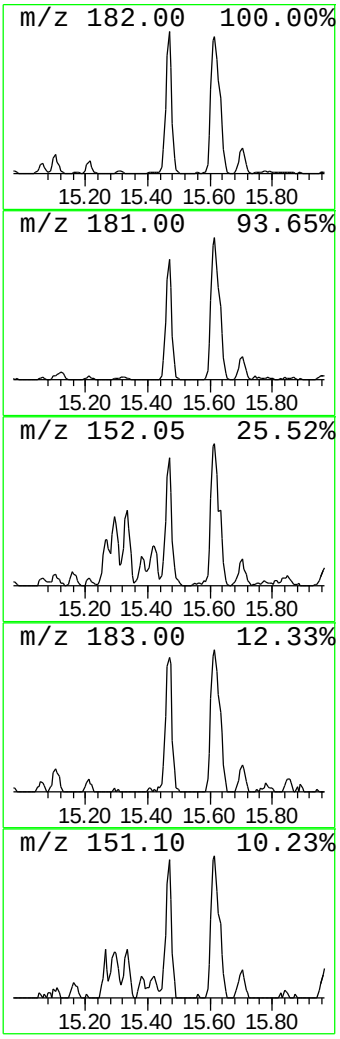
Peak Number 18 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	8.68 ng/ul	641706	Acenaphthene-d10	14.12

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	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





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Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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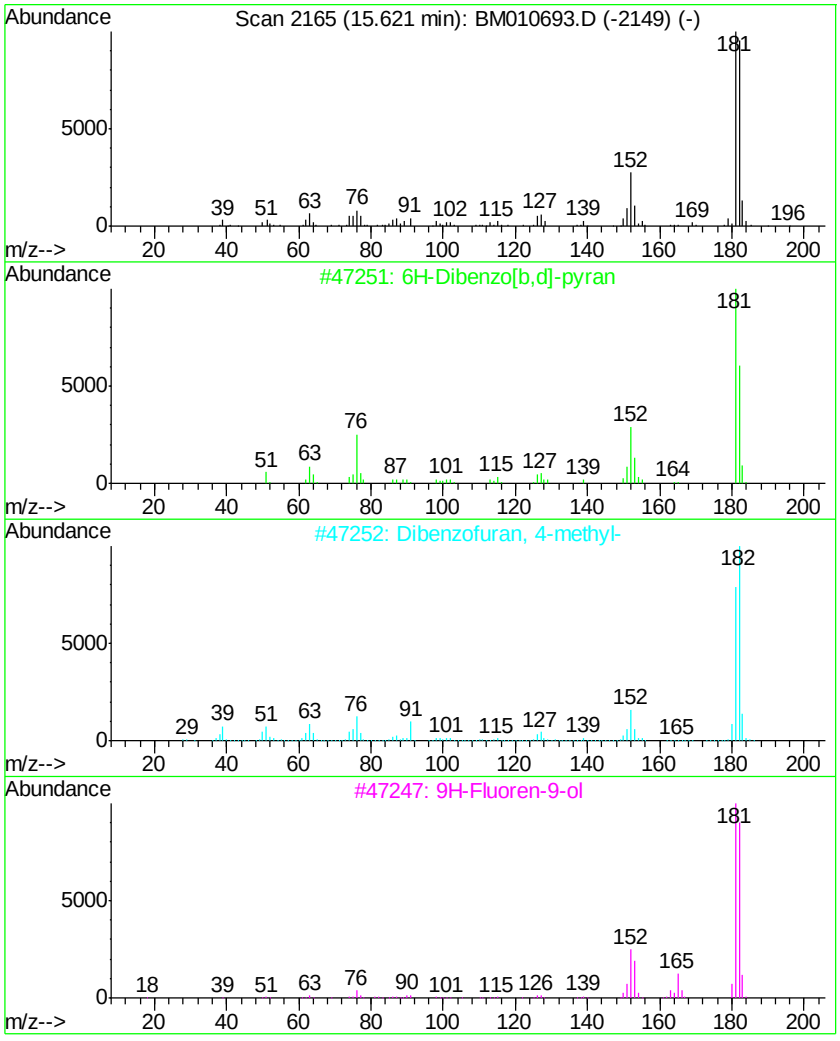
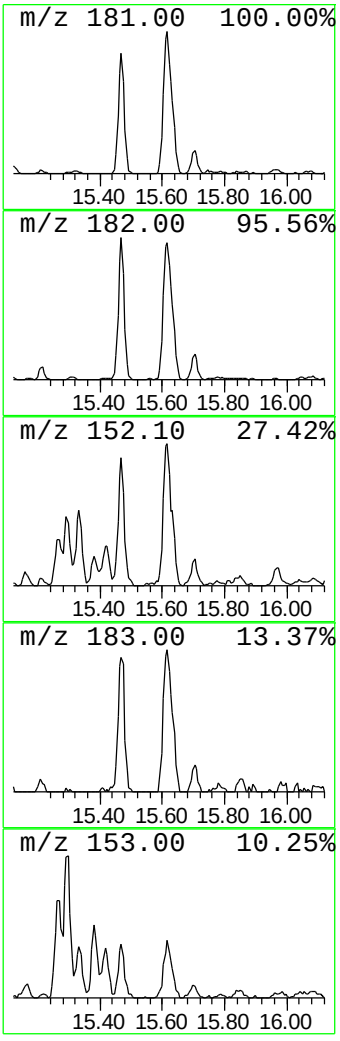
Peak Number 19 6H-Dibenzo[b,d]-pyran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	13.95 ng/ul	994698	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	96
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80





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Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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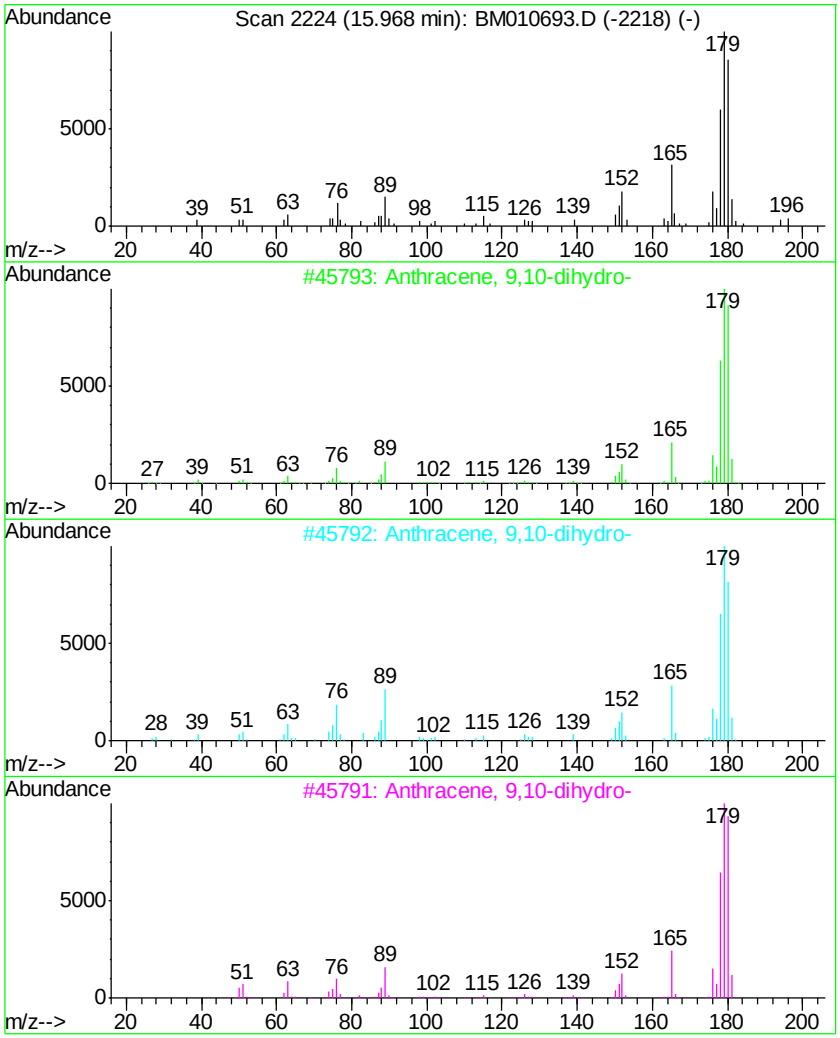
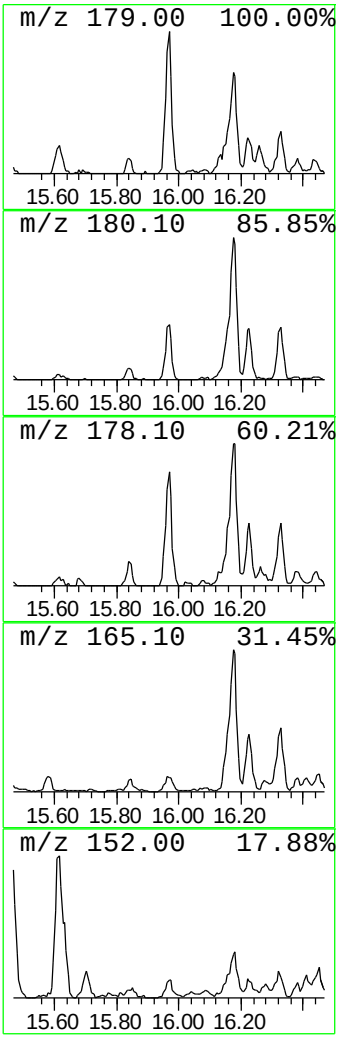
Peak Number 20 Anthracene, 9,10-dihydro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.93 ng/ul	208762	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	94
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	93
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	93
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	90





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Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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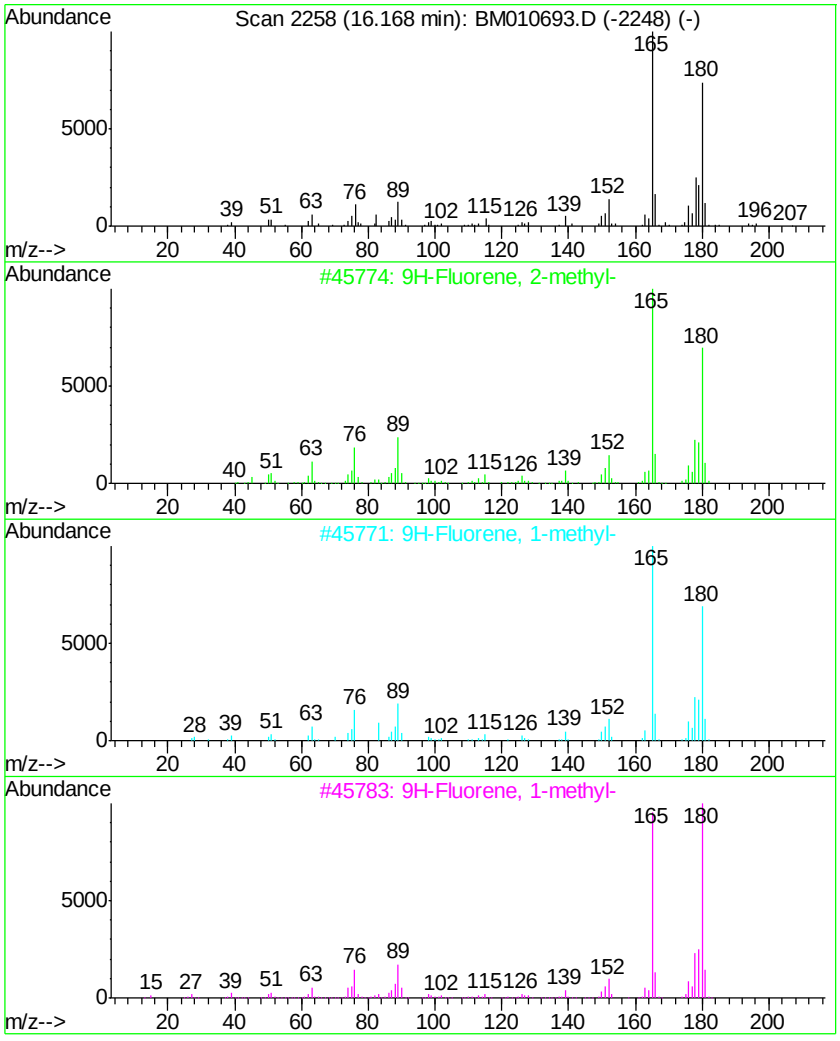
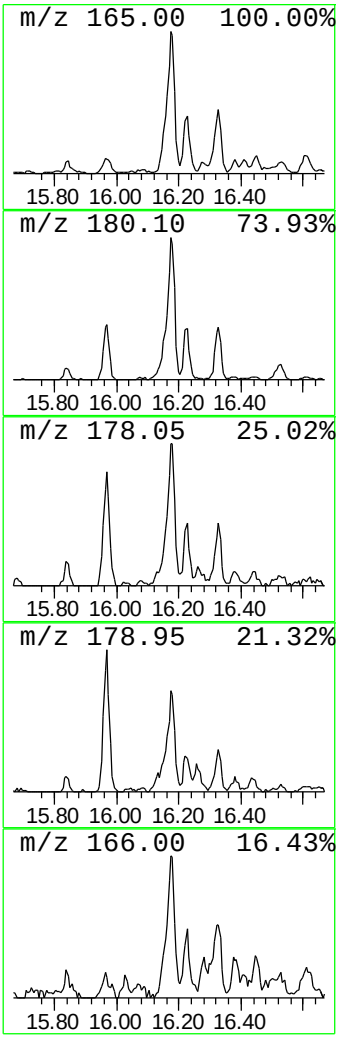
Peak Number 21 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	9.21 ng/ul	656604	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93





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Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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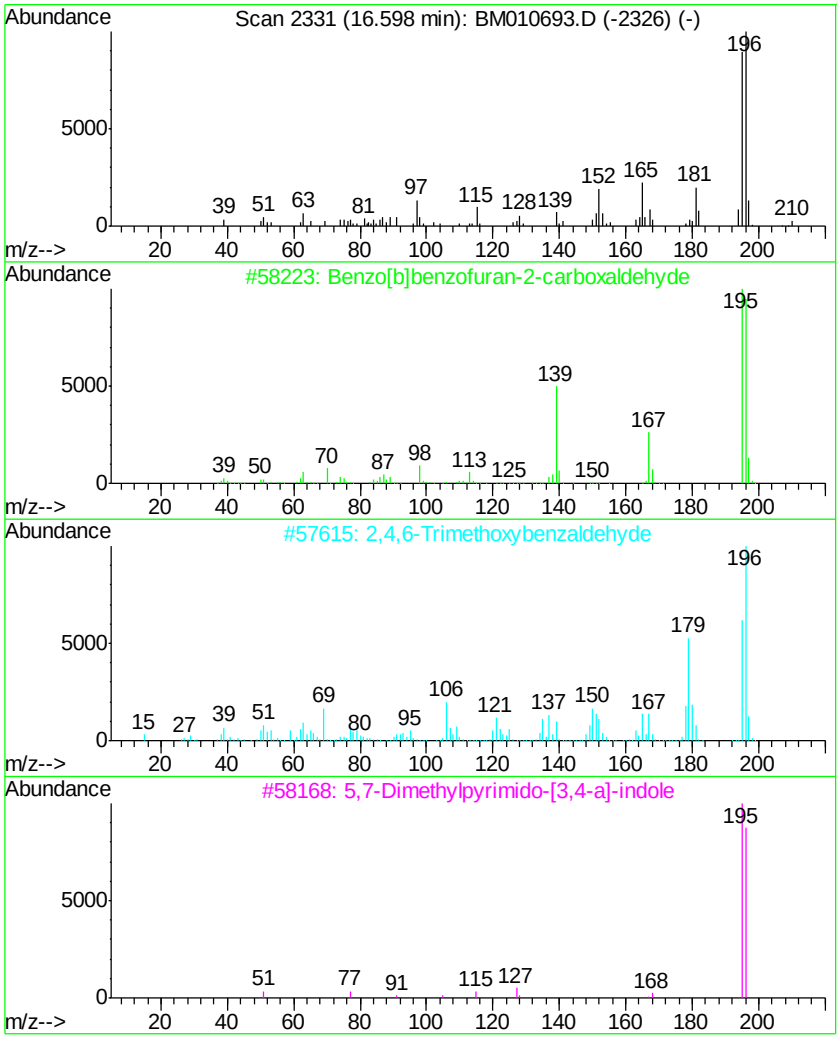
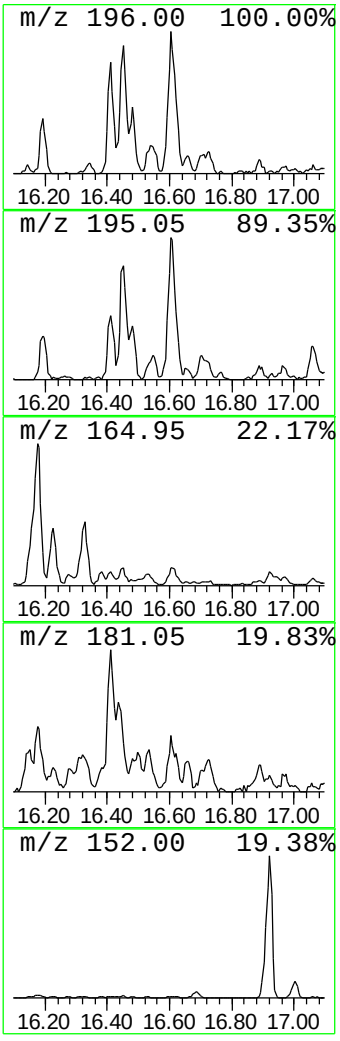
Peak Number 23 Benzo[b]benzofuran-2-carbox... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	4.36 ng/ul	310874	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	58
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	53
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50
4	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	47
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46





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Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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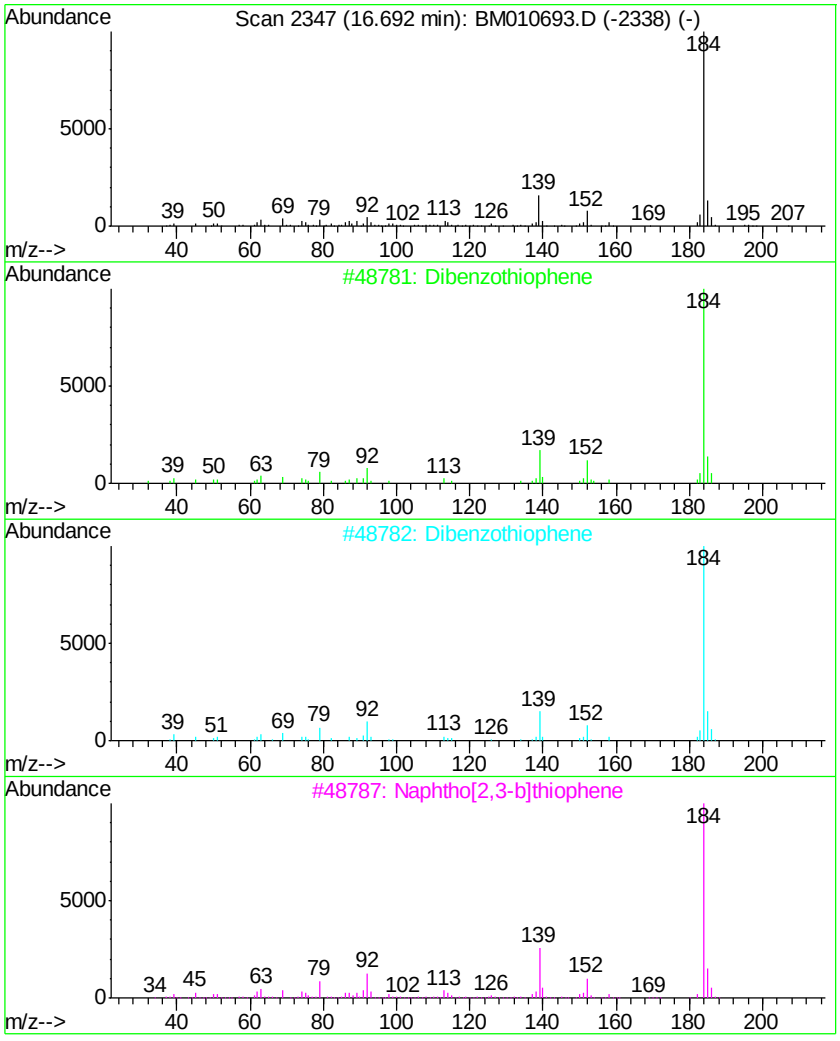
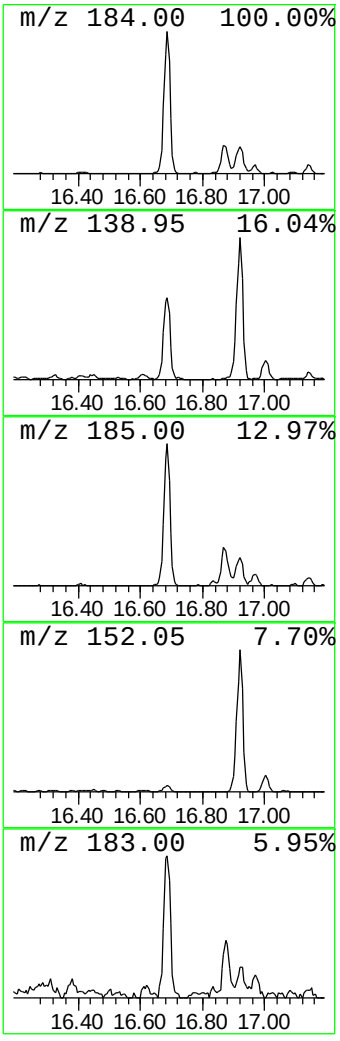
Peak Number 24 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	14.03 ng/ul	1000900	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91





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Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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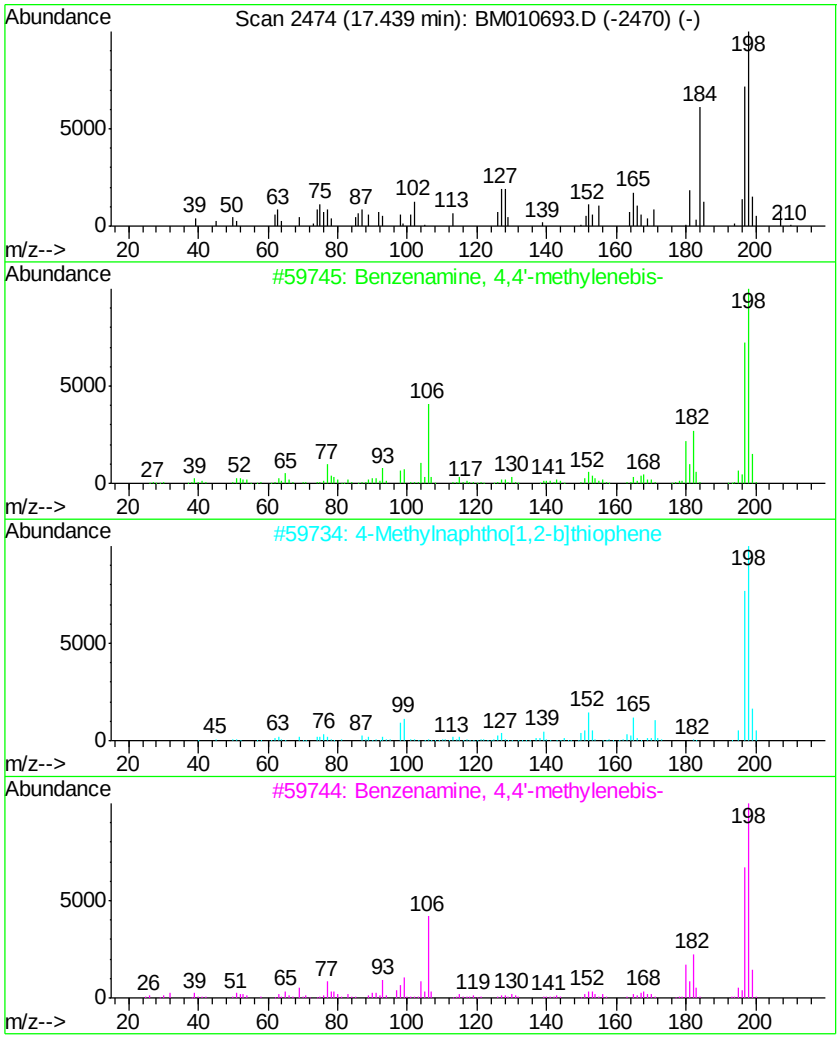
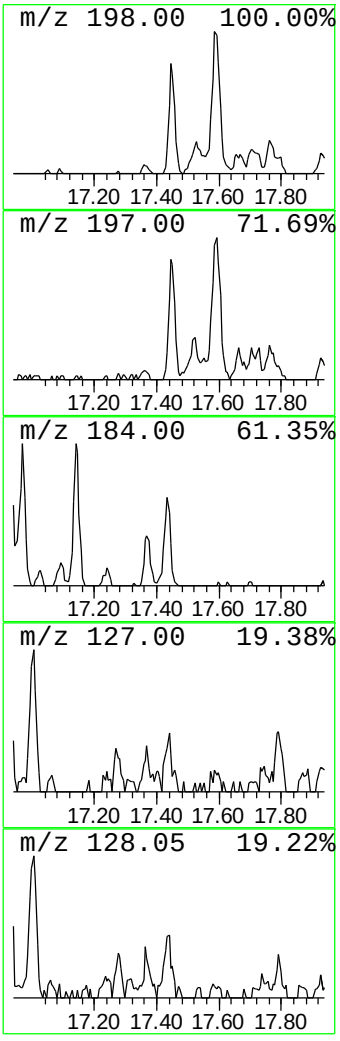
Peak Number 25 Benzenamine, 4,4'-methylene... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	2.72 ng/ul	194013	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	76
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	68
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
4	Tacrine	198	C13H14N2	000321-64-2	59
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	53





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Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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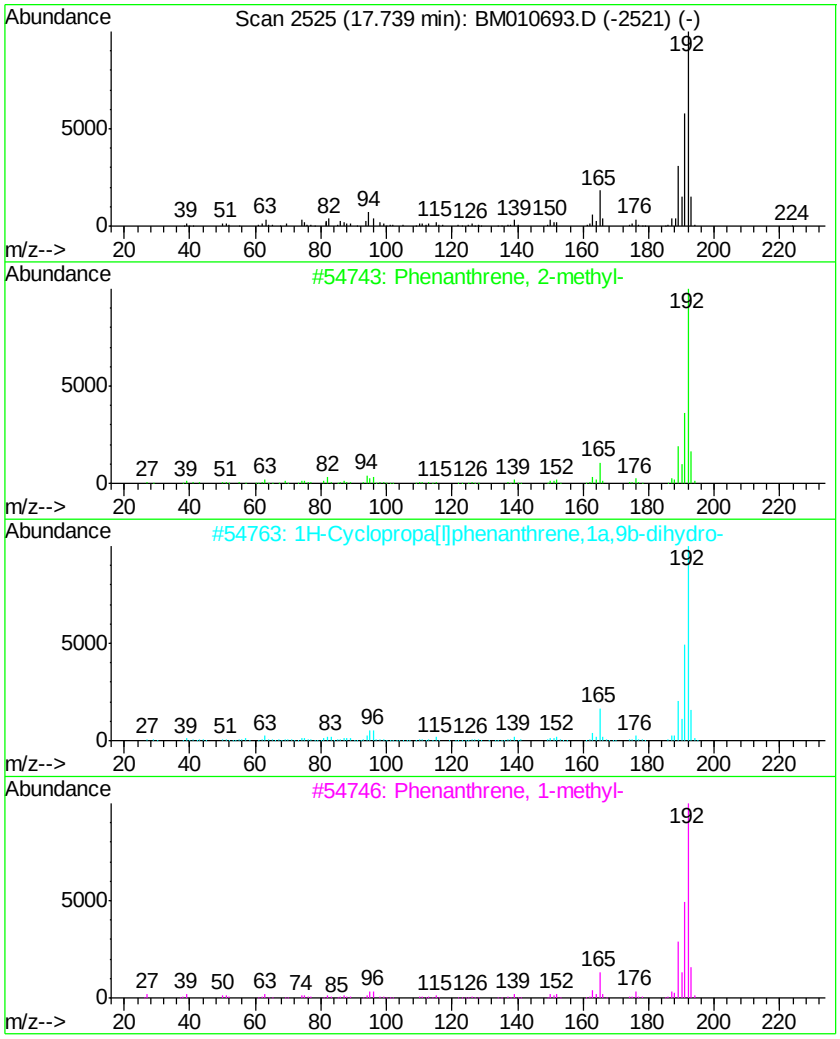
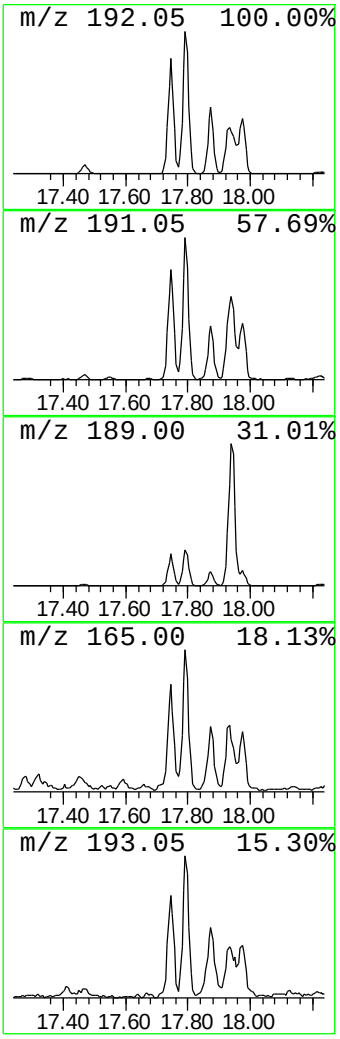
Peak Number 26 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	11.09 ng/ul	791112	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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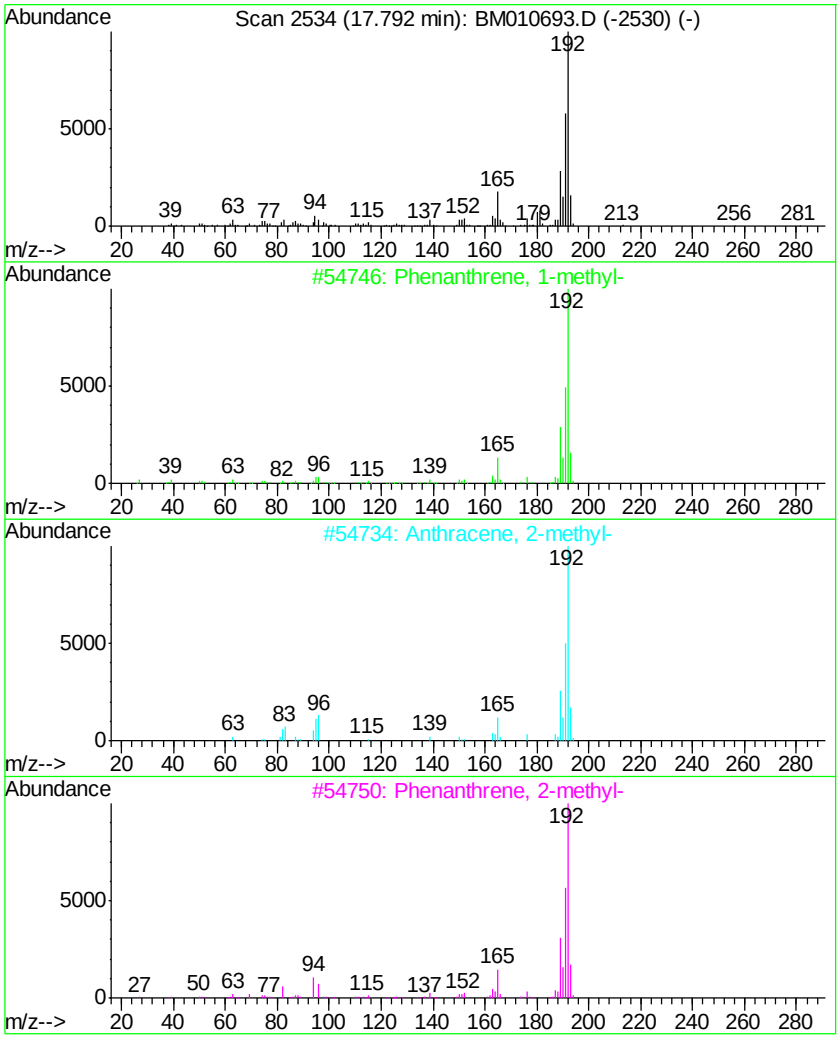
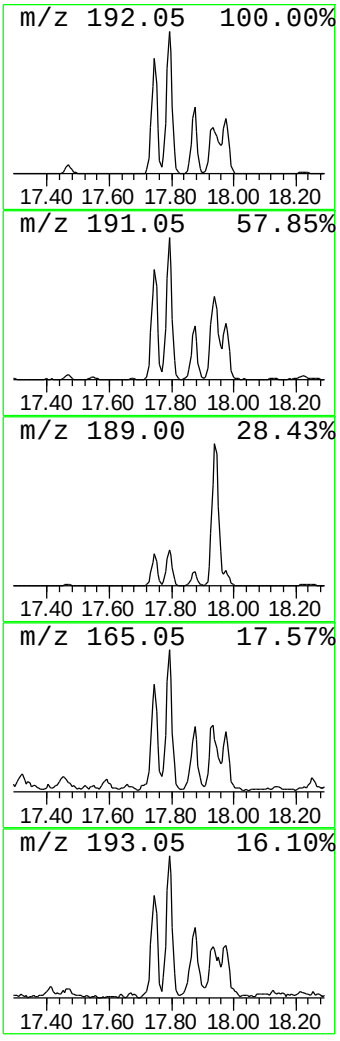
Peak Number 27 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	16.80 ng/ul	1198310	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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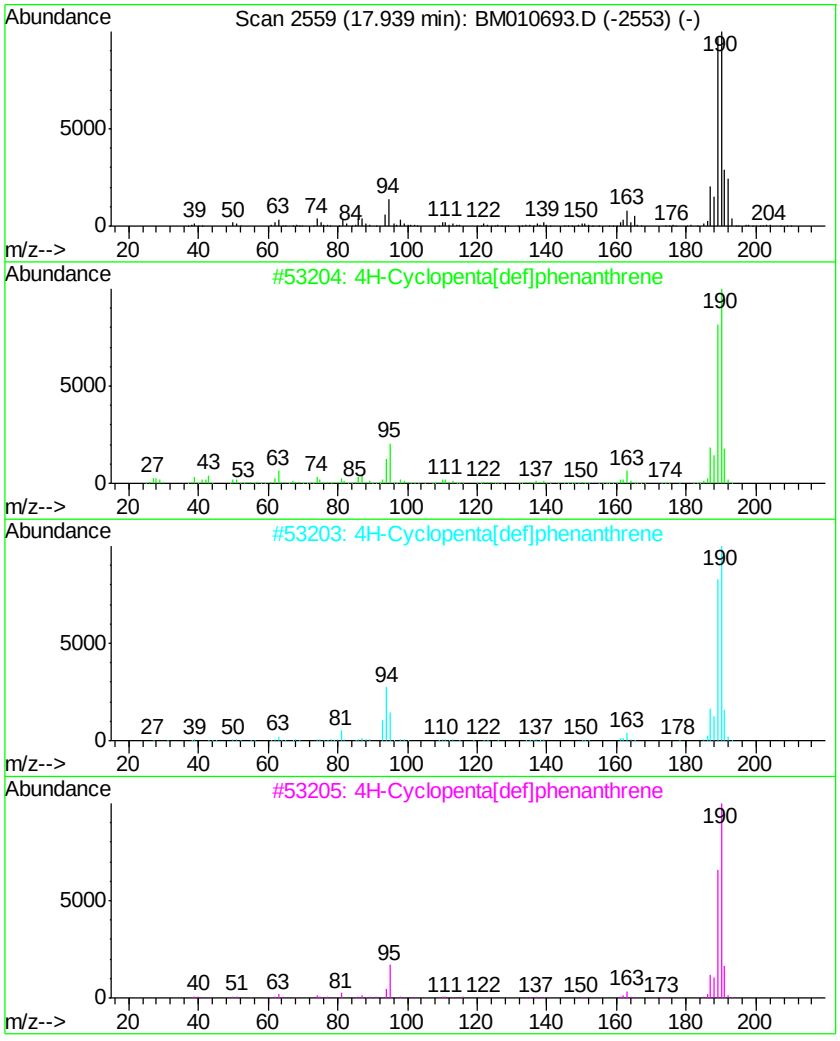
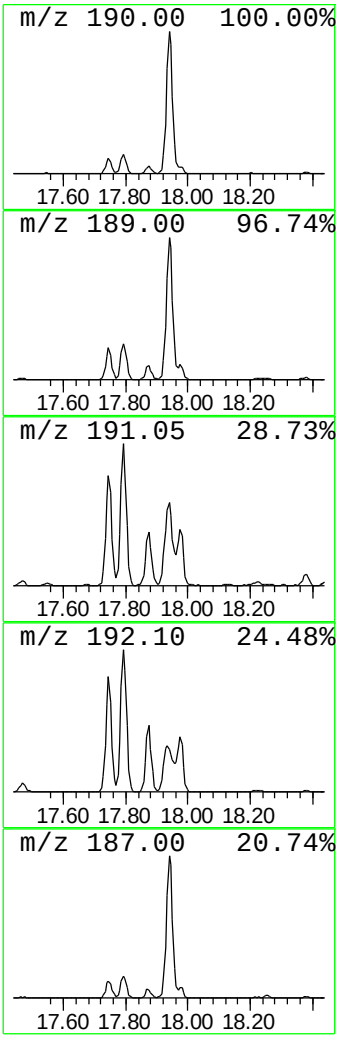
Peak Number 29 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	24.50 ng/ul	1747130	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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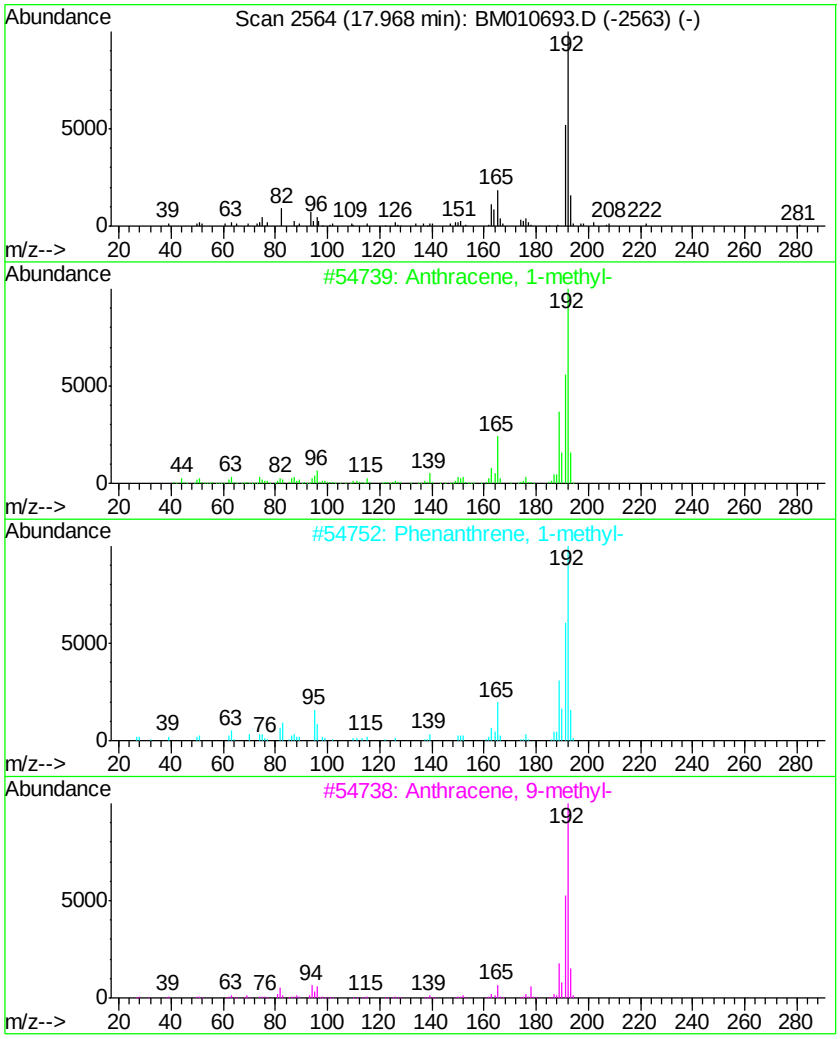
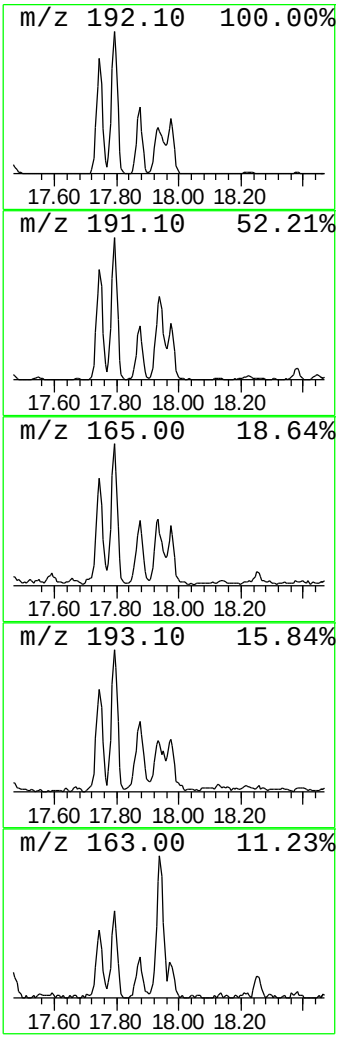
Peak Number 30 Anthracene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.03 ng/ul	358569	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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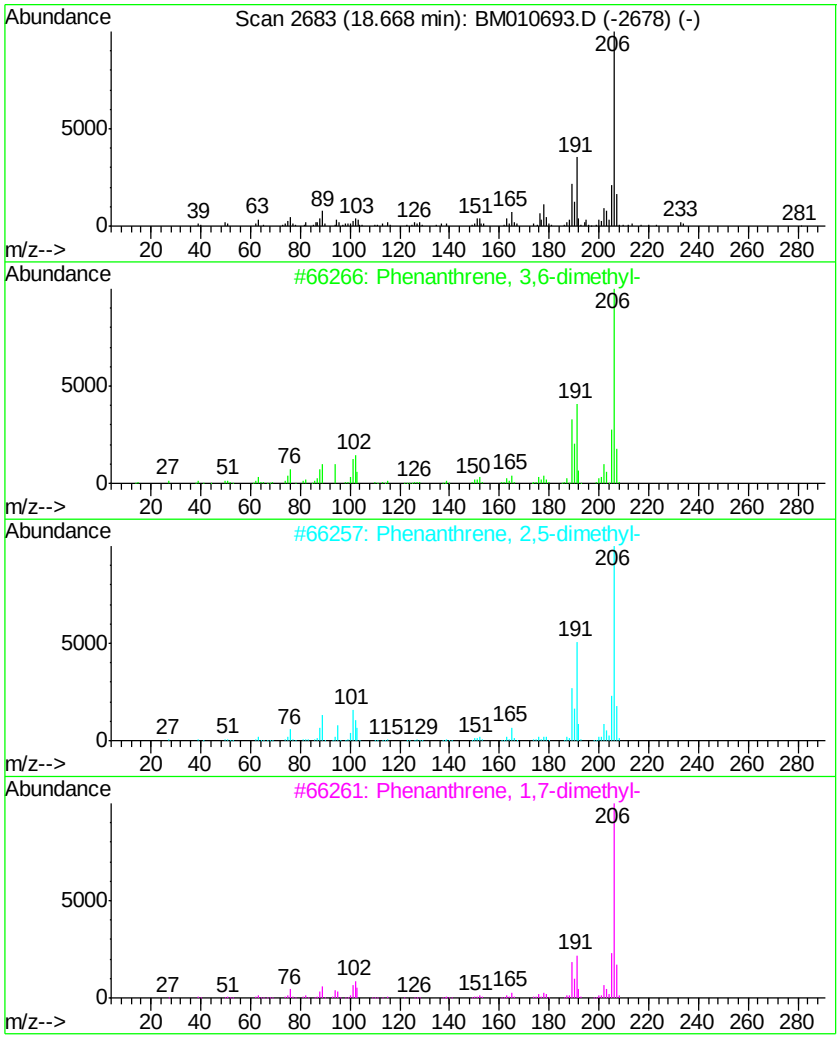
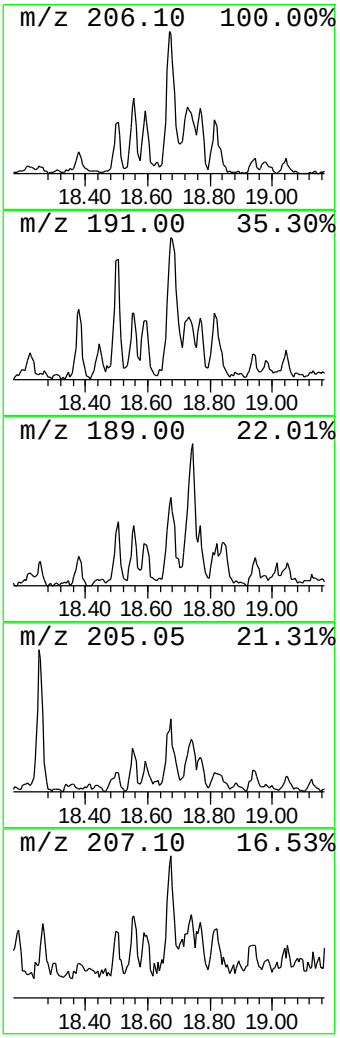
Peak Number 32 Phenanthrene, 3,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	5.36 ng/ul	382429	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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
Bicyclo[3.1.1]hep...	6.17	11.2	ng/ul	259492	1	7.46	462578	20.0
Indane	7.83	18.0	ng/ul	415721	1	7.46	462578	20.0
Benzene, 1-propynyl-	7.99	24.9	ng/ul	577056	1	7.46	462578	20.0
Benzofuran, 2-met...	8.92	4.4	ng/ul	163729	2	10.23	747100	20.0
Benzene, (2-methy...	9.64	8.6	ng/ul	320122	2	10.23	747100	20.0
Naphthalene, 1-me...	12.12	66.3	ng/ul	2475230	2	10.23	747100	20.0
Naphthalene, 2-et...	13.13	6.1	ng/ul	454256	3	14.12	1479020	20.0
Naphthalene, 2,7-...	13.27	7.8	ng/ul	574225	3	14.12	1479020	20.0
Naphthalene, 1,3-...	13.67	4.8	ng/ul	358490	3	14.12	1479020	20.0
1-Naphthalenecarb...	14.24	2.4	ng/ul	176698	3	14.12	1479020	20.0
1-Isopropenylnaph...	14.43	2.8	ng/ul	209081	3	14.12	1479020	20.0
Naphthalene, 1,6,...	14.60	2.5	ng/ul	180824	3	14.12	1479020	20.0
Nordiphenamid	15.33	6.0	ng/ul	443849	3	14.12	1479020	20.0
Benzeneacetamide,...	15.42	2.6	ng/ul	191059	3	14.12	1479020	20.0
Dibenzofuran, 4-m...	15.47	8.7	ng/ul	641706	3	14.12	1479020	20.0
6H-Dibenzo[b,d]-p...	15.62	13.9	ng/ul	994698	4	16.87	1426430	20.0
Anthracene, 9,10-...	15.97	2.9	ng/ul	208762	4	16.87	1426430	20.0
9H-Fluorene, 2-me...	16.17	9.2	ng/ul	656604	4	16.87	1426430	20.0
Benzo[b]benzofura...	16.60	4.4	ng/ul	310874	4	16.87	1426430	20.0
Dibenzothiophene	16.69	14.0	ng/ul	1000900	4	16.87	1426430	20.0
Benzenamine, 4,4'...	17.44	2.7	ng/ul	194013	4	16.87	1426430	20.0
Phenanthrene, 2-m...	17.74	11.1	ng/ul	791112	4	16.87	1426430	20.0
Phenanthrene, 1-m...	17.79	16.8	ng/ul	1198310	4	16.87	1426430	20.0
4H-Cyclopenta[def...	17.94	24.5	ng/ul	1747130	4	16.87	1426430	20.0
Anthracene, 1-met...	17.97	5.0	ng/ul	358569	4	16.87	1426430	20.0
Phenanthrene, 3,6...	18.67	5.4	ng/ul	382429	4	16.87	1426430	20.0