LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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	7.828	833	840	847	rVB	828483	1245750	1.83%	0.307%
2	7.987	857	867	877	rBV	1071710	1735215	2.55%	0.428%
3	9.640	1137	1148	1158	rBV5	394544	1116338	1.64%	0.275%
4	10.234	1242	1249	1251	rBV	422427	784285	1.15%	0.193%
5	10.316	1251	1263	1268	rVV2	30040362	68167813	100.00%	16.796%
6	10.404	1268	1278	1288	rVB	1564459	2643643	3.88%	0.651%
7	11.051	1381	1388	1397	rVB	2675032	4653532	6.83%	1.147%
8	11.916	1522	1535	1541	rBV	12546214	20676486	30.33%	5.094%
9	12.022	1549	1553	1559	rVB2	487900	839849	1.23%	0.207%
10	12.134	1559	1572	1581	rVB	5548797	9296750	13.64%	2.291%
11	12.634	1651	1657	1664	rBV	689546	1164943	1.71%	0.287%
12	12.939	1703	1709	1717	rVV	2891630	4266558	6.26%	1.051%
13	13.134	1737	1742	1753	rVB	916131	1664277	2.44%	0.410%
14	13.269	1753	1765	1767	rBV	1411950	2329260	3.42%	0.574%
15	13.434	1783	1793	1798	rBV	2075362	3753227	5.51%	0.925%
16	13.486	1798	1802	1808	rVB	1430264	1893226	2.78%	0.466%
17	13.669	1828	1833	1837	rBV	826491	1221227	1.79%	0.301%
18	13.834	1849	1861	1866	rBV2	879682	1692464	2.48%	0.417%
19	14.104	1901	1907	1915	rBV3	1417710	2659777	3.90%	0.655%
20	14.192	1915	1922	1928	rVV	11331172	16349120	23.98%	4.028%
21	14.251	1928	1932	1937	rVB	495650	689245	1.01%	0.170%
22	14.328	1937	1945	1954	rBV2	335962	910331	1.34%	0.224%
23	14.428	1954	1962	1967	rVB4	507333	1174348	1.72%	0.289%
24	14.528	1967	1979	1986	rVB	9347741	13484660	19.78%	3.322%
25	14.739	2007	2015	2020	rBV2	361413	687245	1.01%	0.169%
26	14.798	2020	2025	2037	rVB4	410412	716938	1.05%	0.177%
27	15.186	2083	2091	2095	rBV	12327224	17592866	25.81%	4.335%
28	15.298	2107	2110	2113	rVV	682790	1008180	1.48%	0.248%
29	15.333	2113	2116	2121	rVV	1263645	1850352	2.71%	0.456%
30	15.422	2127	2131	2135	rVV	711570	1065431	1.56%	0.263%
31	15.469	2135	2139	2148	rVB	1676654	2339478	3.43%	0.576%
32	15.616	2156	2164	2171	rVV	1718950	3406266	5.00%	0.839%
33	15.839	2198	2202	2213	rVB3	358220	692927	1.02%	0.171%
34	16.086	2231	2244	2246	rBV2	801507	2153726	3.16%	0.531%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

35	16.180	2253	2260	2265	rVB2	1039655	1814261	2.66%	0.447%
36	16.328	2279	2285	2290	rVB2	495964	862255	1.26%	0.212%
37	16.610	2327	2333	2339	rVV	632038	1171099	1.72%	0.289%
38	16.692	2339	2347	2357	rVB	2443998	3931411	5.77%	0.969%
39	16.880	2369	2379	2380	rBV	854410	1459544	2.14%	0.360%
40	16.945	2380	2390	2394	rVV2	34110377	61325664	89.96%	15.110%
41	16.986	2394	2397	2398	rVV2	1099499	1370118	2.01%	0.338%
42	17.016	2398	2402	2407	rVV	6688229	8715542	12.79%	2.147%
43	17.245	2434	2441	2443	rBV2	706366	1237056	1.81%	0.305%
44	17.286	2443	2448	2452	rVB	4114382	5524414	8.10%	1.361%
45	17.751	2517	2527	2531	rBV	2276990	3492324	5.12%	0.860%
46	17.798	2531	2535	2543	rVB	3526850	4745595	6.96%	1.169%
47	17.880	2543	2549	2554	rBV	1378021	2073002	3.04%	0.511%
48	17.951	2554	2561	2564	rVV2	4221315	6812569	9.99%	1.679%
49	17.980	2564	2566	2572	rVB	1133640	1268064	1.86%	0.312%
50	18.257	2608	2613	2618	rVB	1705280	2105478	3.09%	0.519%
51	18.504	2647	2655	2660	rBV4	409009	737247	1.08%	0.182%
52	18.674	2678	2684	2690	rBV2	701646	1324072	1.94%	0.326%
53	18.839	2704	2712	2717	rVB6	254831	685576	1.01%	0.169%
54	18.963	2724	2733	2737	rBV	21235384	31885922	46.78%	7.856%
55	19.186	2767	2771	2777	rVB	520901	687191	1.01%	0.169%
56	19.327	2783	2795	2801	rBV2	12401554	24902719	36.53%	6.136%
57	19.386	2801	2805	2812	rVB2	687114	1136600	1.67%	0.280%
58	19.492	2812	2823	2829	rBV	886533	1415264	2.08%	0.349%
59	19.651	2838	2850	2854	rBV2	734665	2011939	2.95%	0.496%
60	19.692	2854	2857	2861	rVV	573244	735614	1.08%	0.181%
61	19.768	2865	2870	2873	rVV2	861962	1431525	2.10%	0.353%
62	19.816	2873	2878	2883	rVB	2887596	3724984	5.46%	0.918%
63	19.916	2890	2895	2899	rBV	3045993	3893767	5.71%	0.959%
64	19.968	2899	2904	2908	rVV2	1026715	1733357	2.54%	0.427%
65	20.733	3029	3034	3037	rBV	802789	1105038	1.62%	0.272%
66	20.768	3037	3040	3043	rVV	825663	1054995	1.55%	0.260%
67	20.804	3043	3046	3051	rVB2	440928	733339	1.08%	0.181%
68	21.074	3086	3092	3097	rVV3	5457742	9240625	13.56%	2.277%
69	21.127	3097	3101	3108	rVB	3373373	4481374	6.57%	1.104%
70	21.239	3116	3120	3127	rBV	865067	1047156	1.54%	0.258%
71	21.392	3142	3146	3152	rBV2	495106	783995	1.15%	0.193%

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Instrument : BNA_M
ClientSampleId : F5B20

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	21.621	3179	3185	3189	rVV	515685	767014	1.13%	0.189%
73	22.592	3344	3350	3355	rBV	1222243	2694674	3.95%	0.664%
74	23.045	3421	3427	3431	rBV	461708	800621	1.17%	0.197%
75	23.133	3437	3442	3449	rVB	870440	1546895	2.27%	0.381%
76	23.221	3450	3457	3462	rVV	749444	1467937	2.15%	0.362%

Sum of corrected areas: 405863569

LSC Report - Integrated Chromatogram

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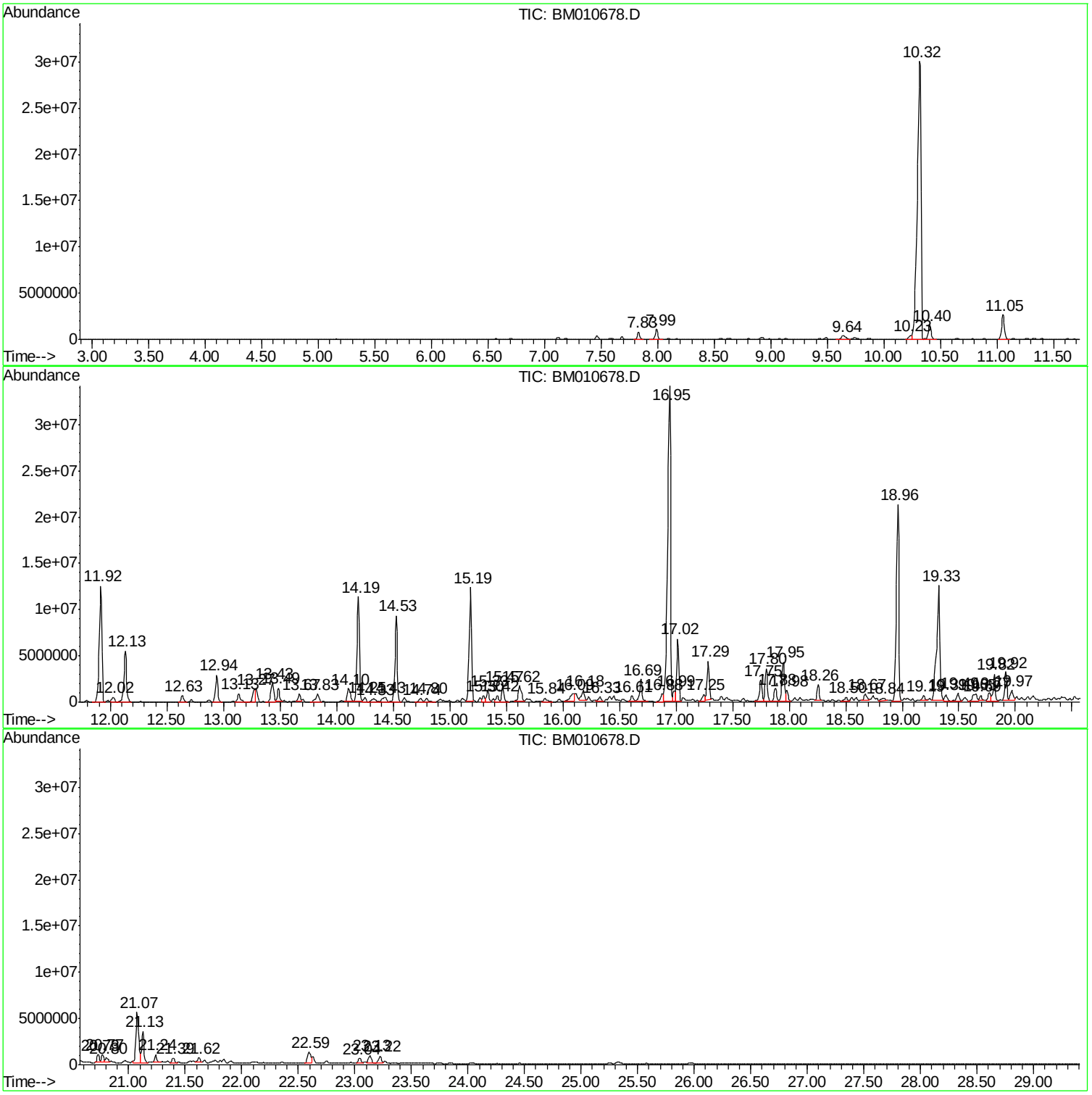
Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B20

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\BM062217\
Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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

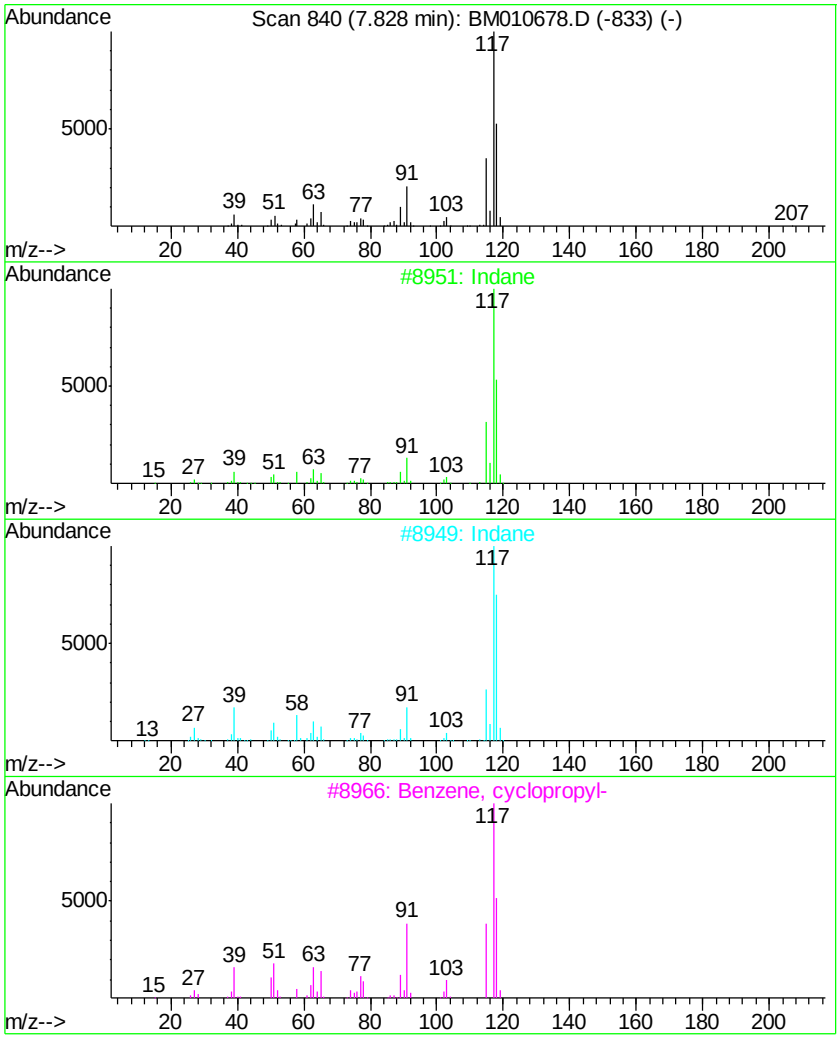
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

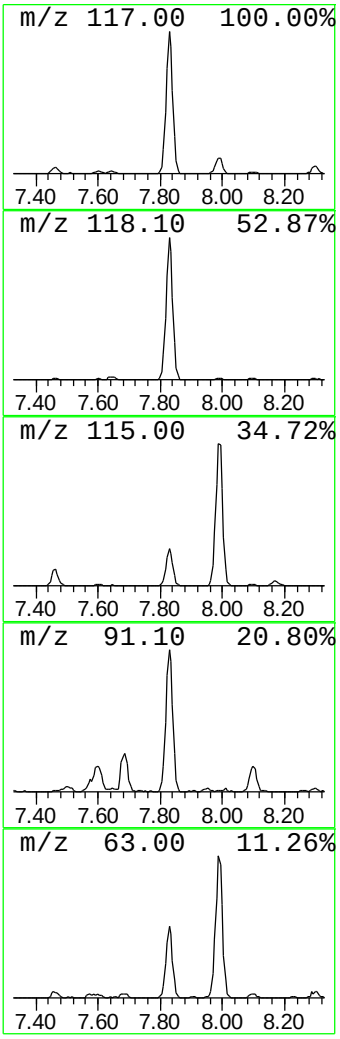
****

Peak Number 1 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	20.00 ng/ul	1245750	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Indane	118	C9H10	000496-11-7	64
5	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	59





Library Search Compound Report

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Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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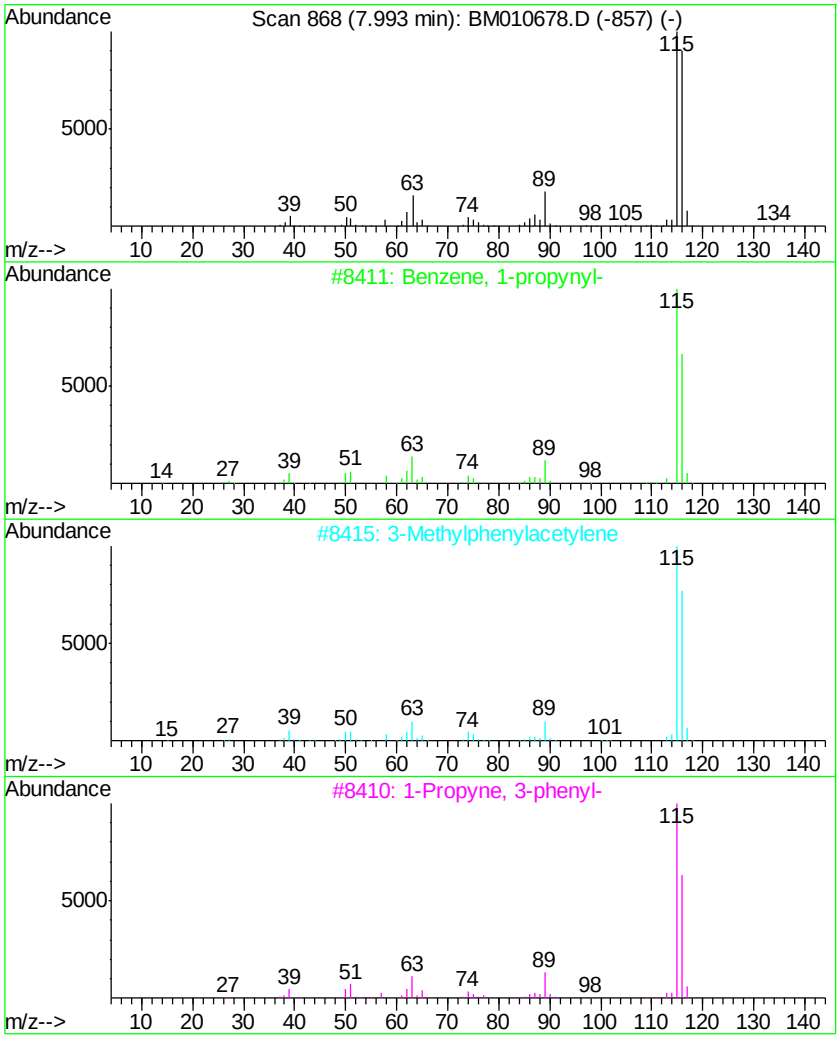
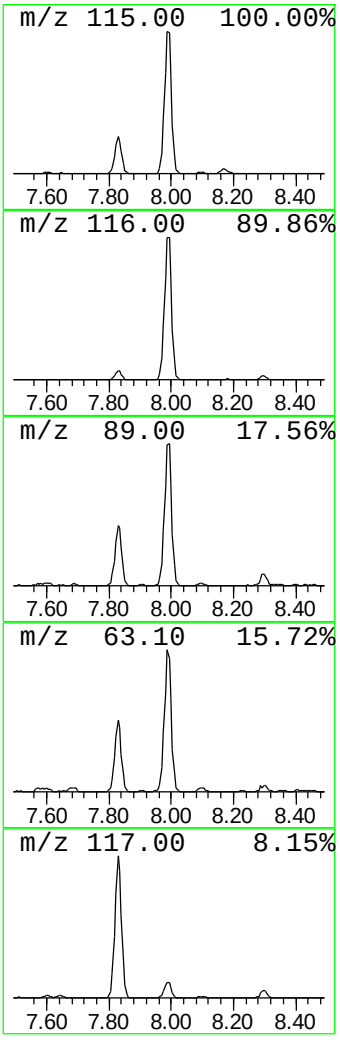
Peak Number 2 Benzene, 1-propynyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	27.86 ng/ul	1735220	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	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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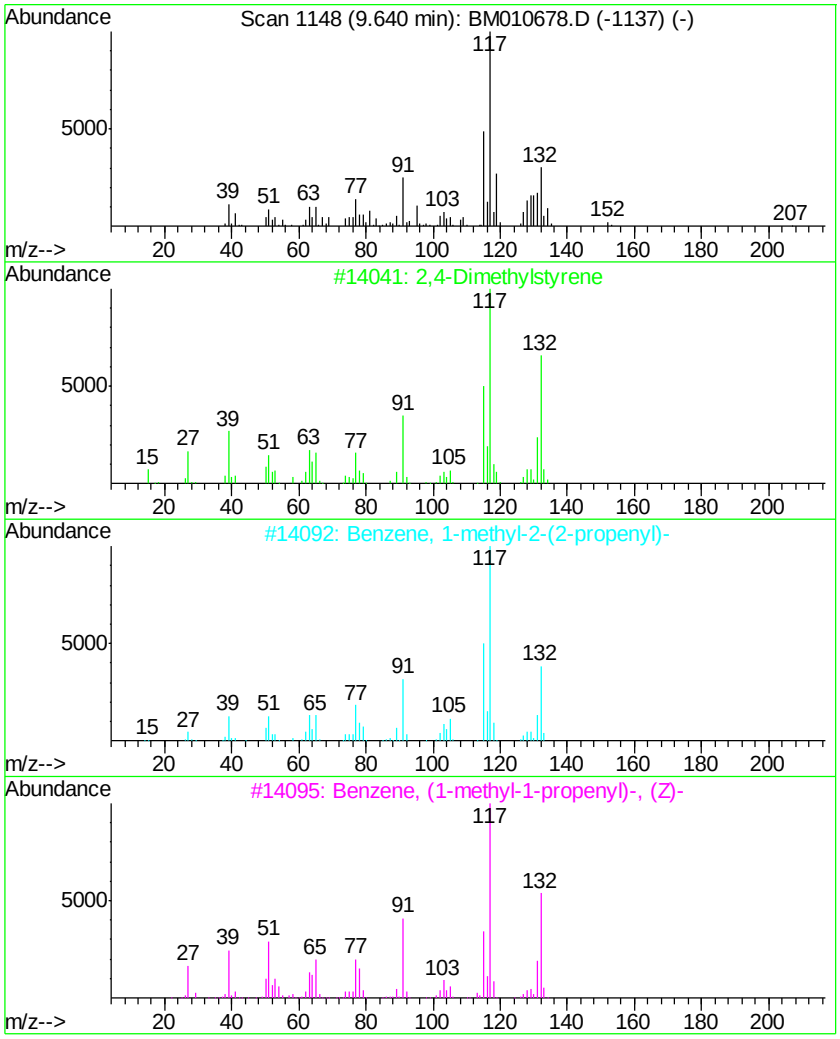
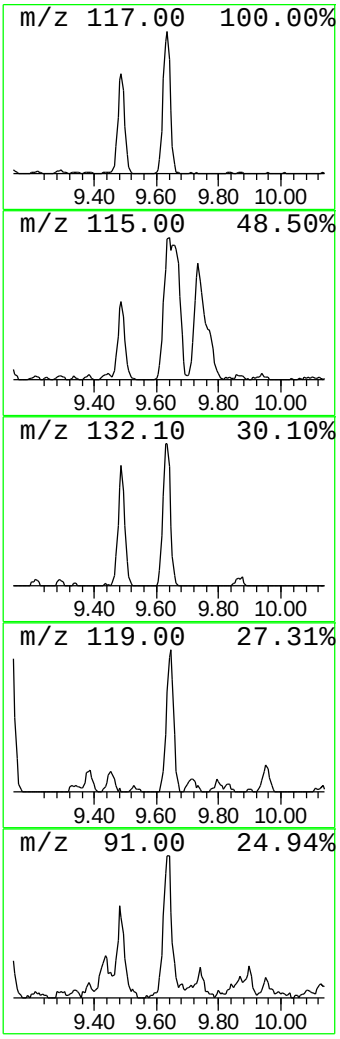
Peak Number 3 2,4-Dimethylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	28.47 ng/ul	1116340	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64





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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
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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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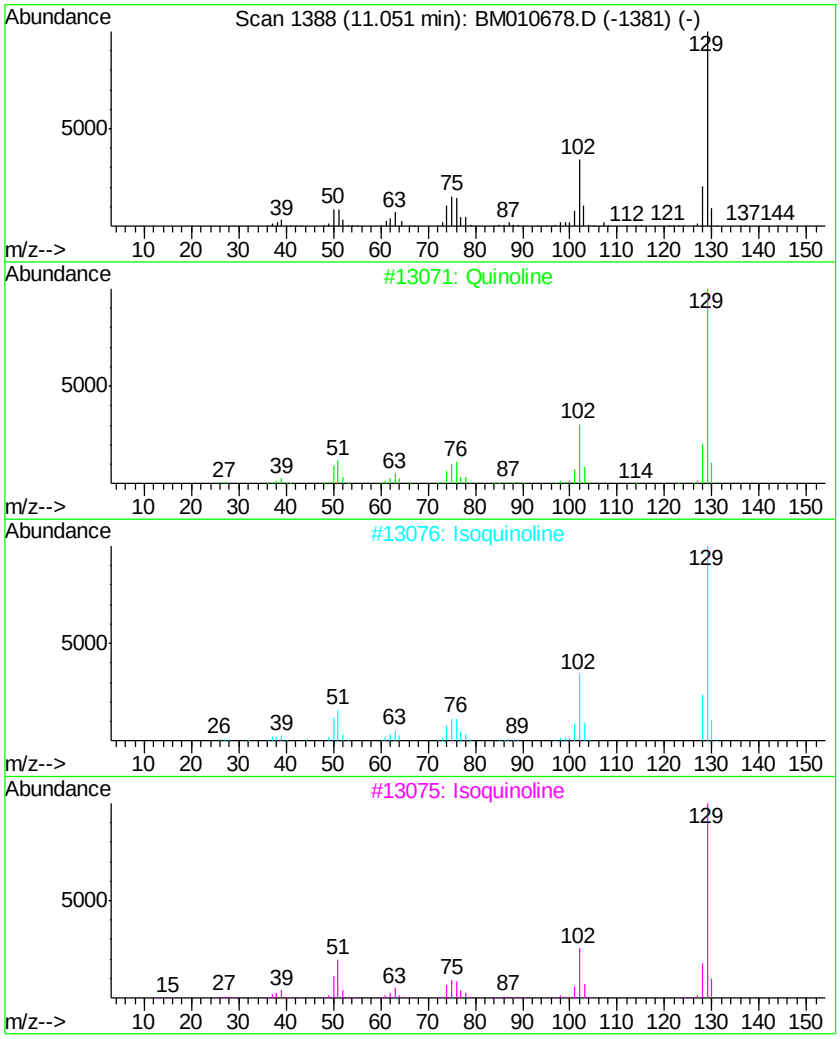
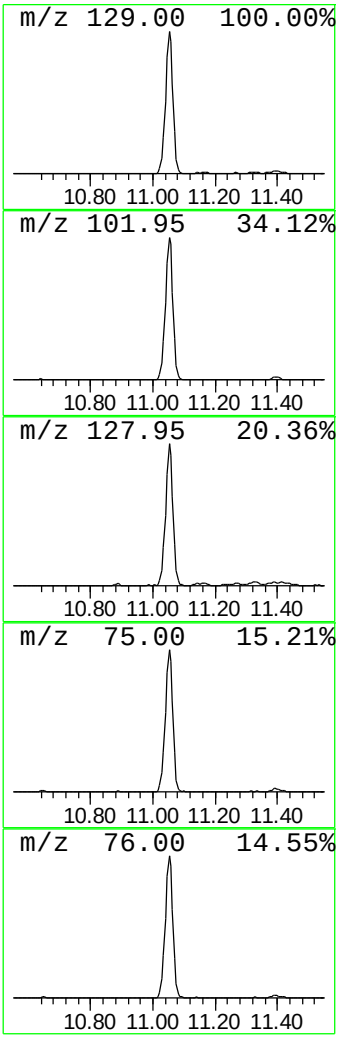
Peak Number 4 Quinoline Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	118.67 ng/ul	4653530	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	95
2	Isoquinoline	129	C9H7N	000119-65-3	95
3	Isoquinoline	129	C9H7N	000119-65-3	93
4	Isoquinoline	129	C9H7N	000119-65-3	91
5	Quinoline	129	C9H7N	000091-22-5	91





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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
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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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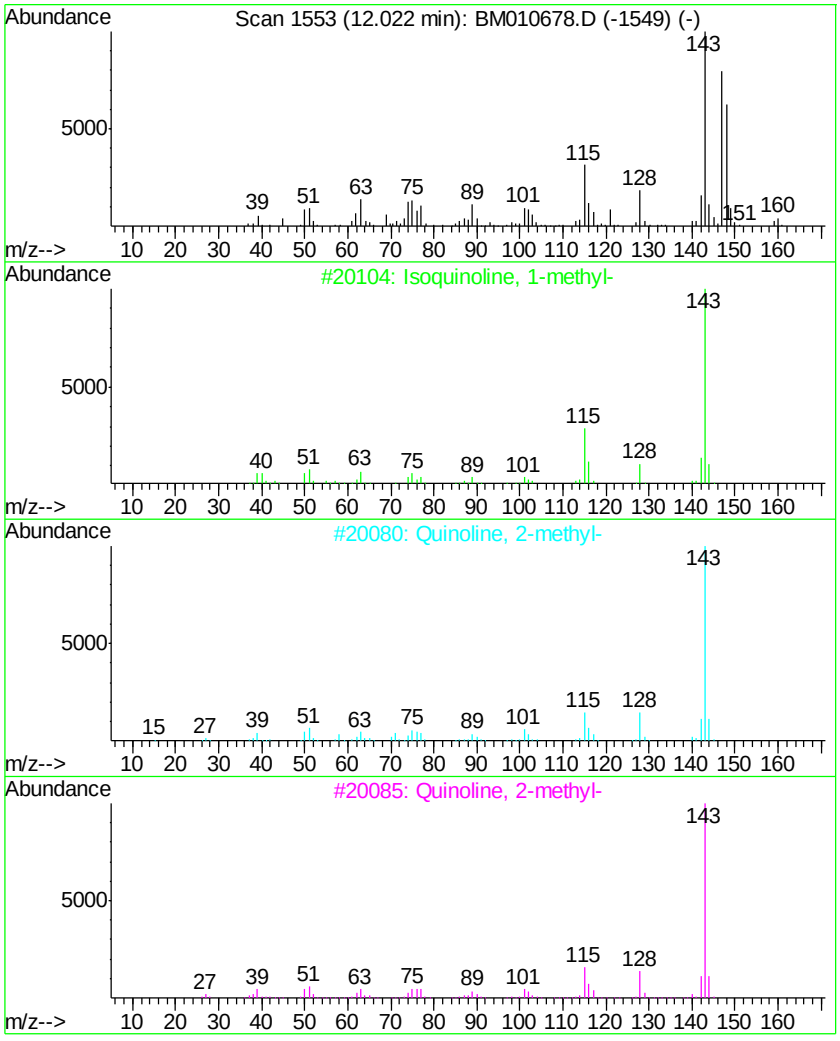
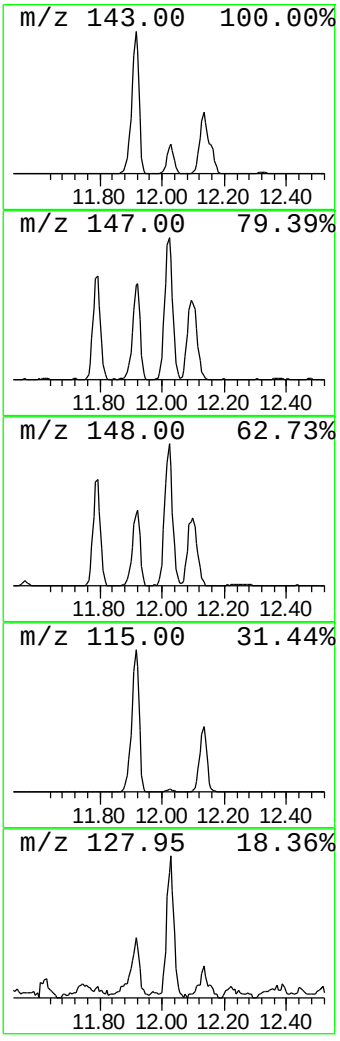
Peak Number 5 Isoquinoline, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	21.42 ng/ul	839849	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	90
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	89
3	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	50
4	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	50
5	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	50





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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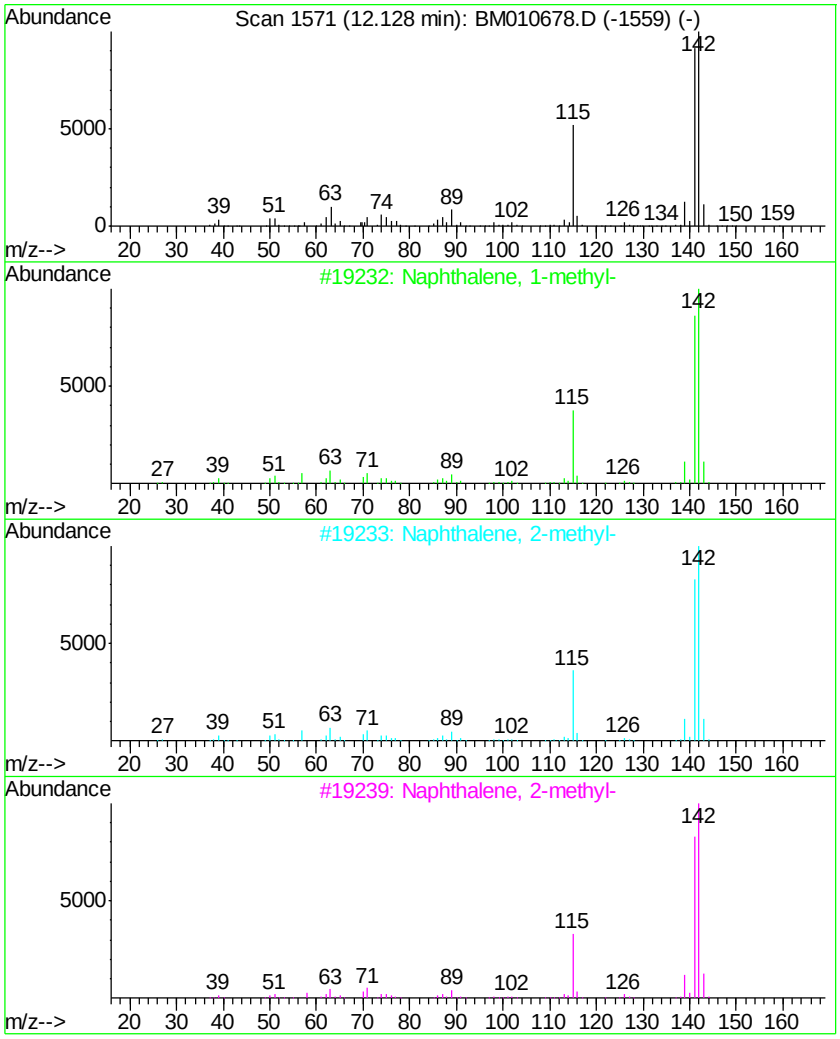
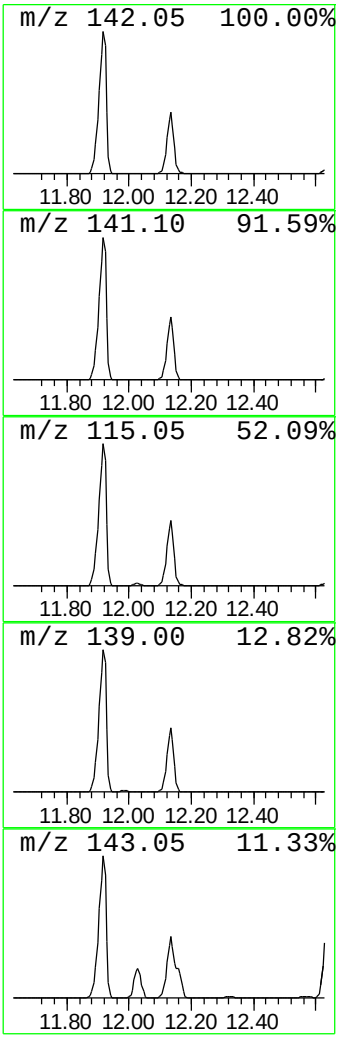
Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	237.08 ng/ul	9296750	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	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	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94





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Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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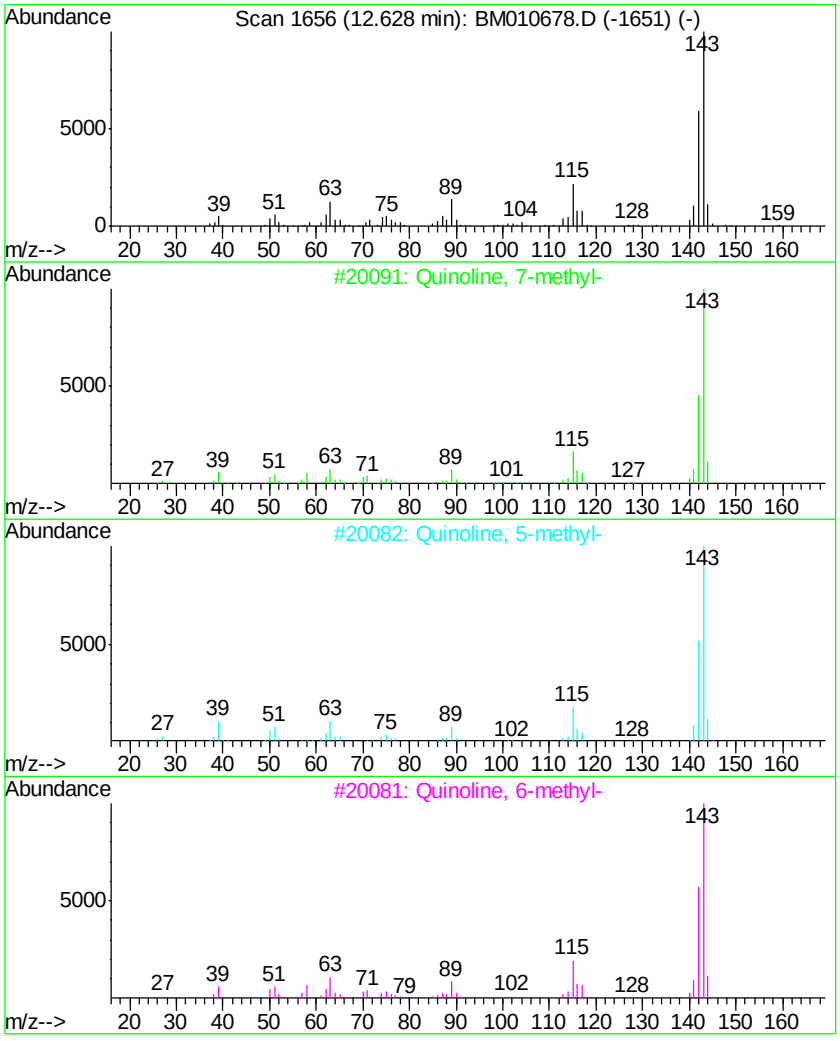
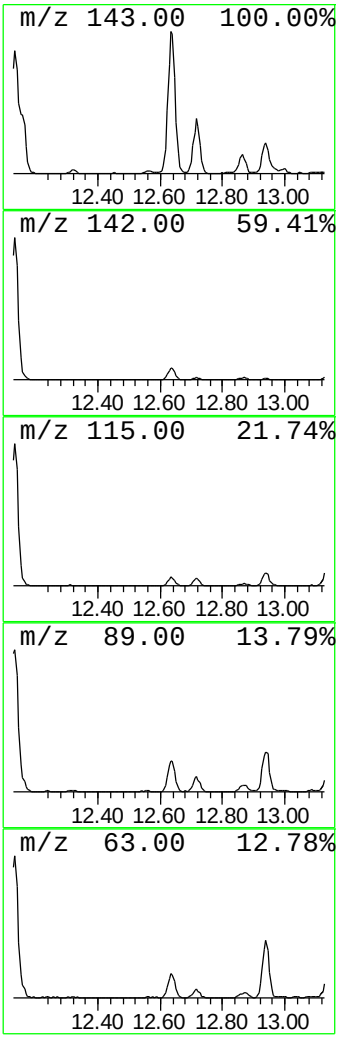
Peak Number 7 Quinoline, 7-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	8.76 ng/ul	1164940	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	97
2	Quinoline, 5-methyl-	143	C10H9N	007661-55-4	97
3	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	96
4	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	96
5	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	96





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Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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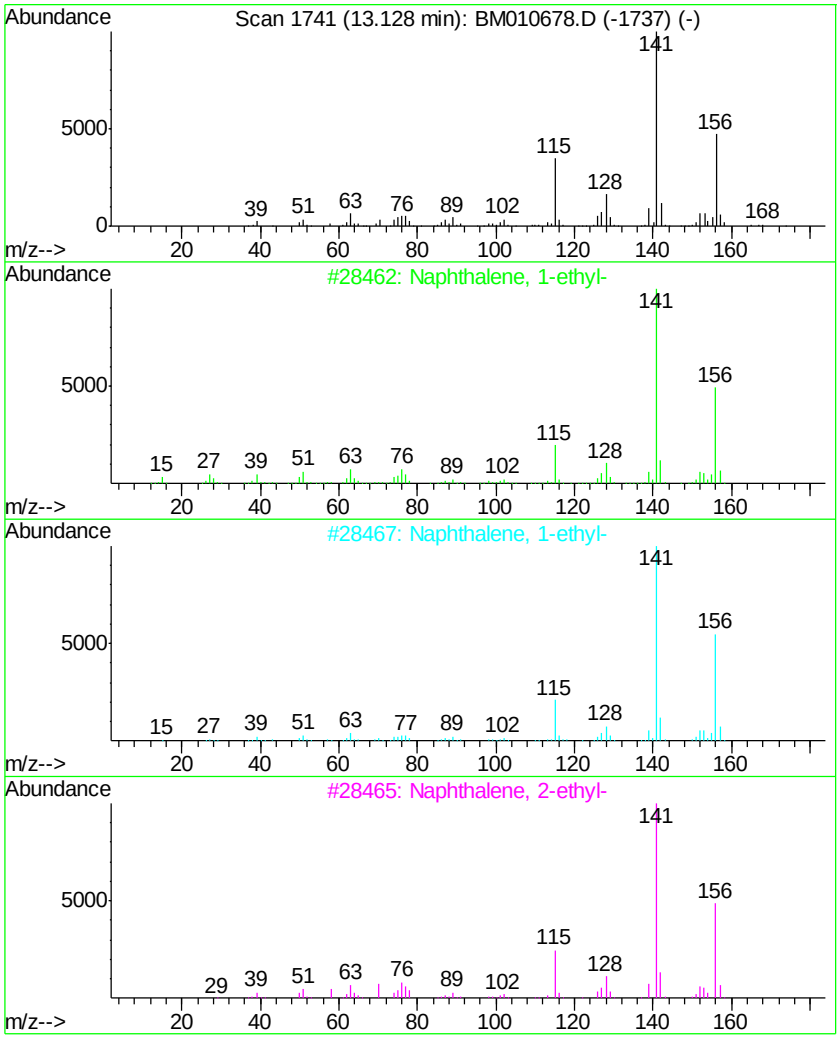
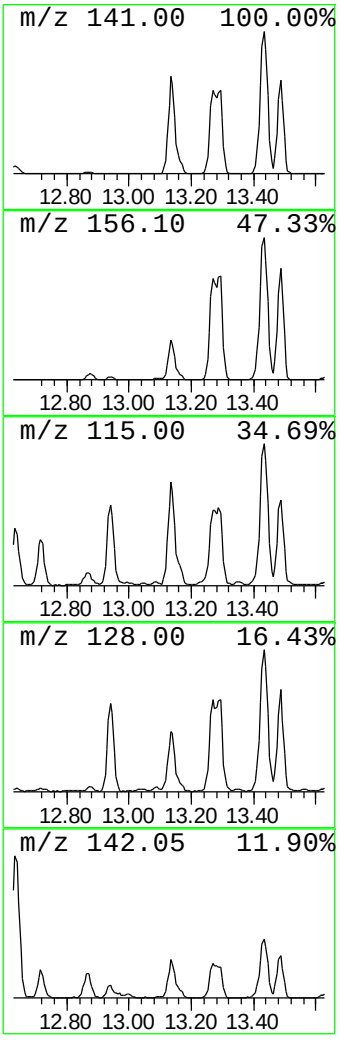
Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	12.51 ng/ul	1664280	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91





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Misc :
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Instrument : BNA_M
ClientSampleId : F5B20

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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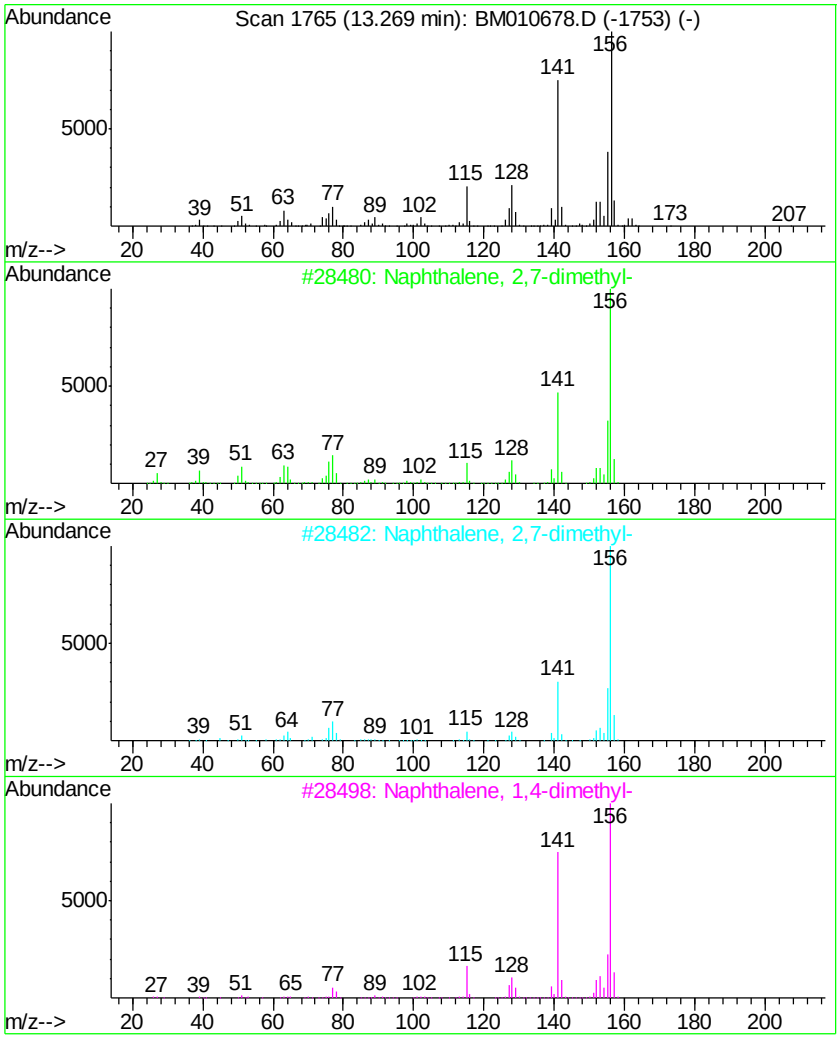
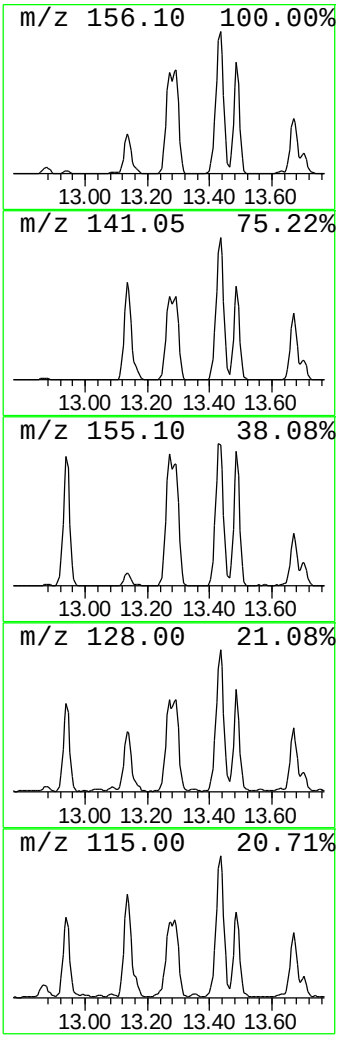
Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	17.51 ng/ul	2329260	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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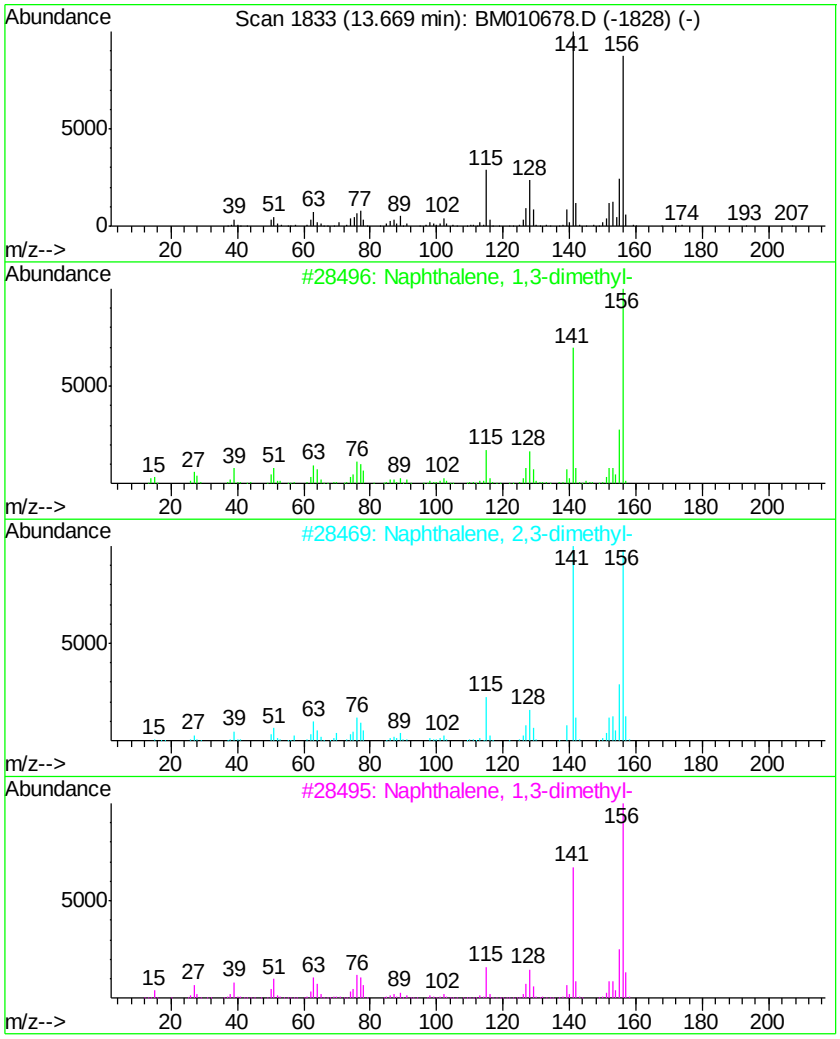
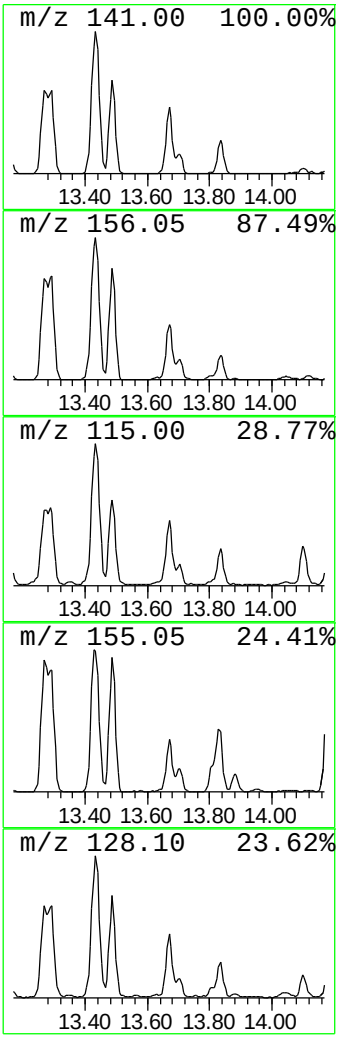
Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	9.18 ng/ul	1221230	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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Quant Title : SVOA CALIBRATION

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

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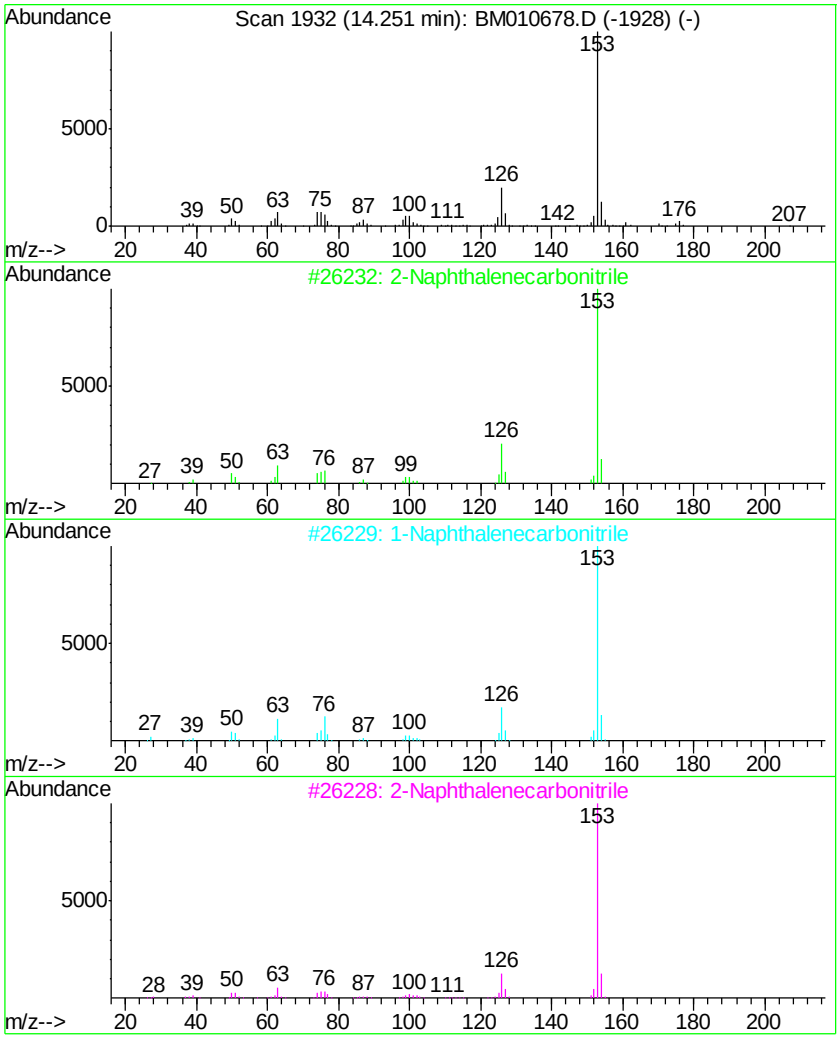
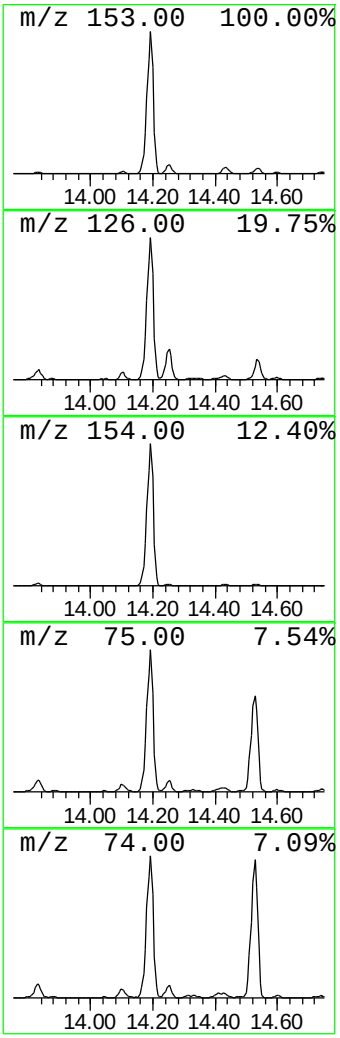
Peak Number 13 2-Naphthalenecarbonitrile Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	5.18 ng/ul	689245	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	93
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





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Sample : I3653-03 5X
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ALS Vial : 29 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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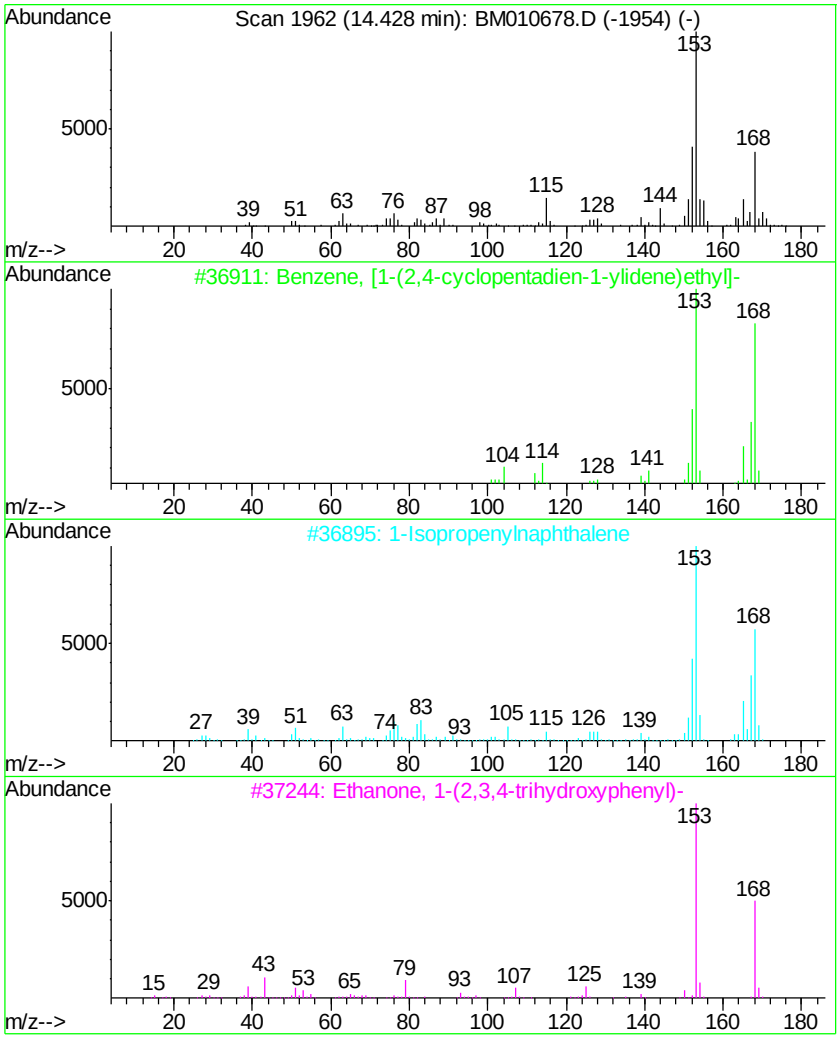
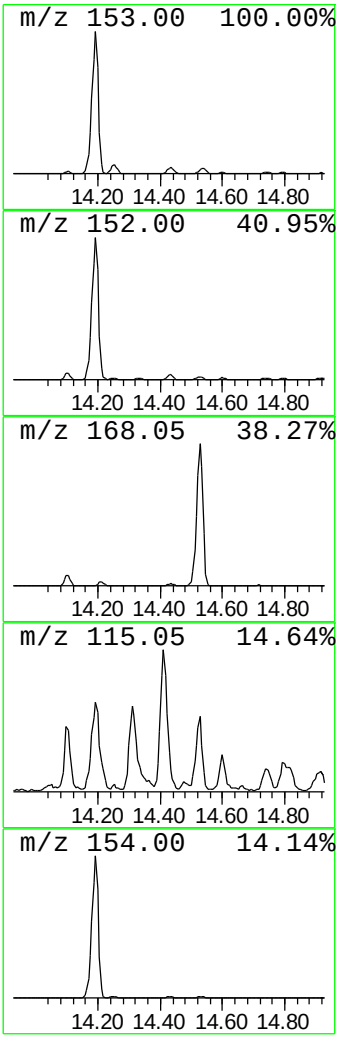
Peak Number 14 Benzene, [1-(2,4-cyclopenta... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	8.83 ng/ul	1174350	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	74
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	49
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	43





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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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Quant Title : SVOA CALIBRATION

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

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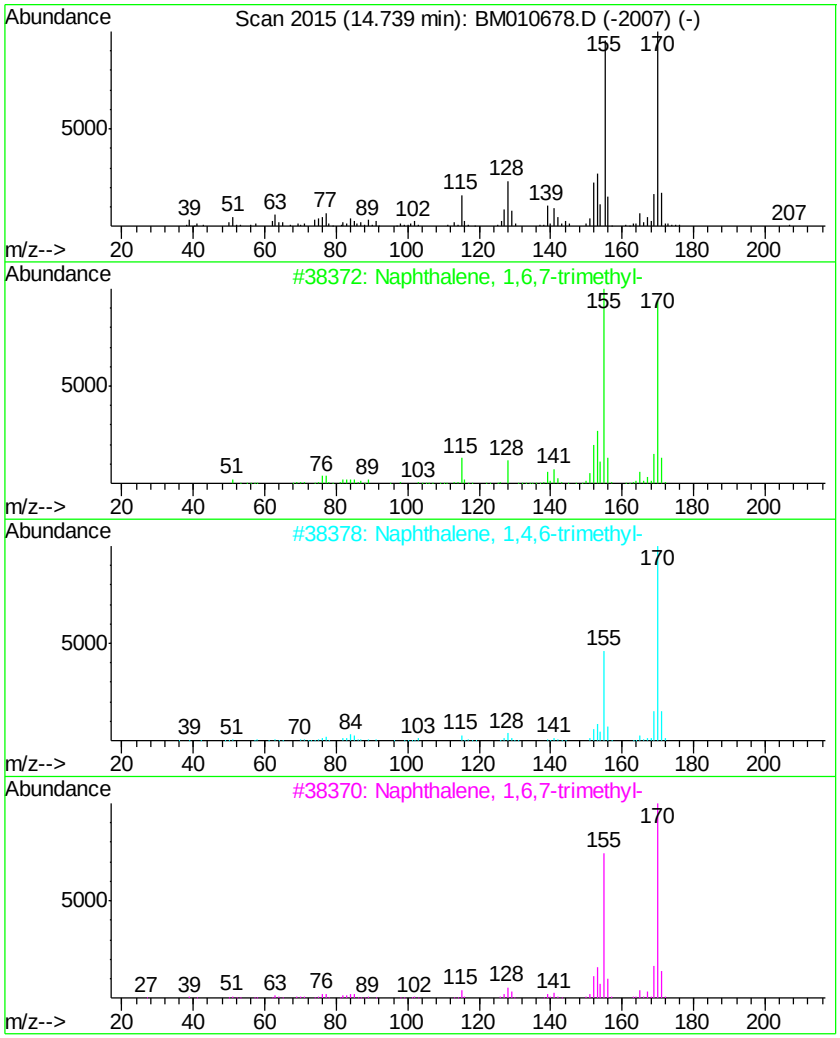
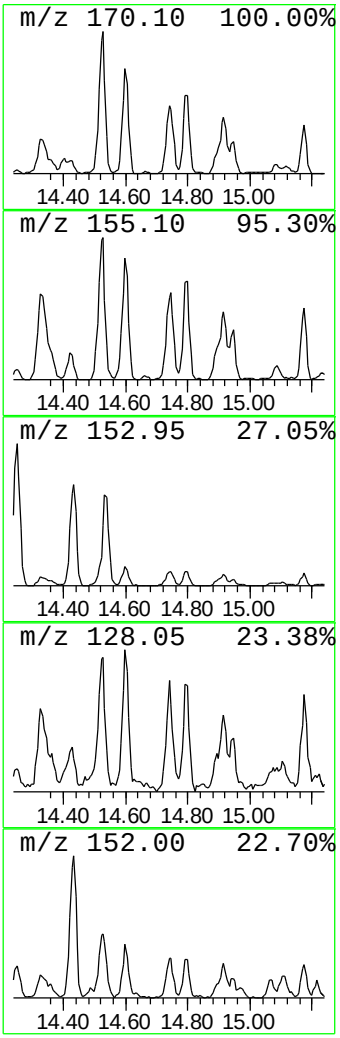
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	5.17 ng/ul	687245	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93





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Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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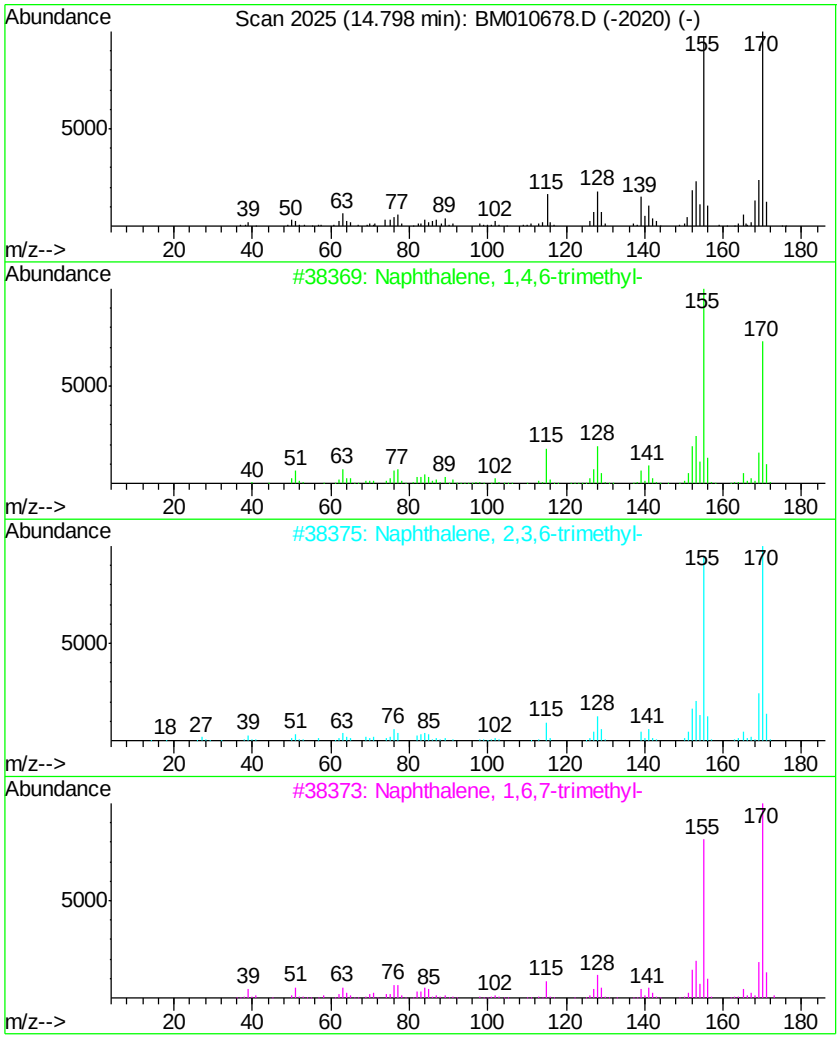
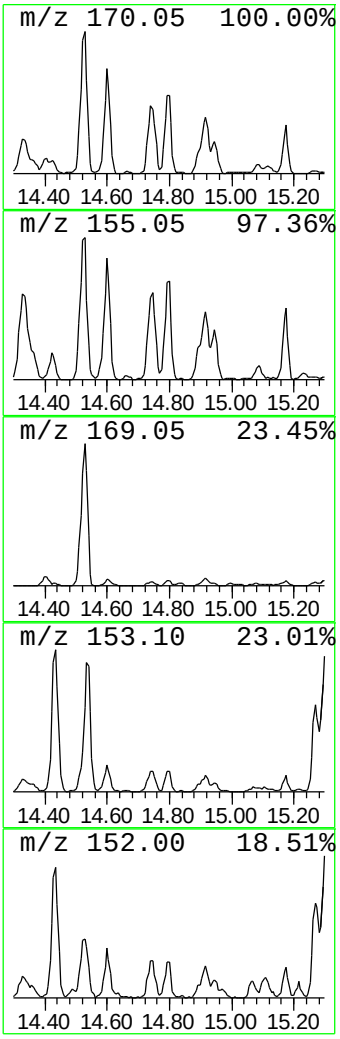
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.39 ng/ul	716938	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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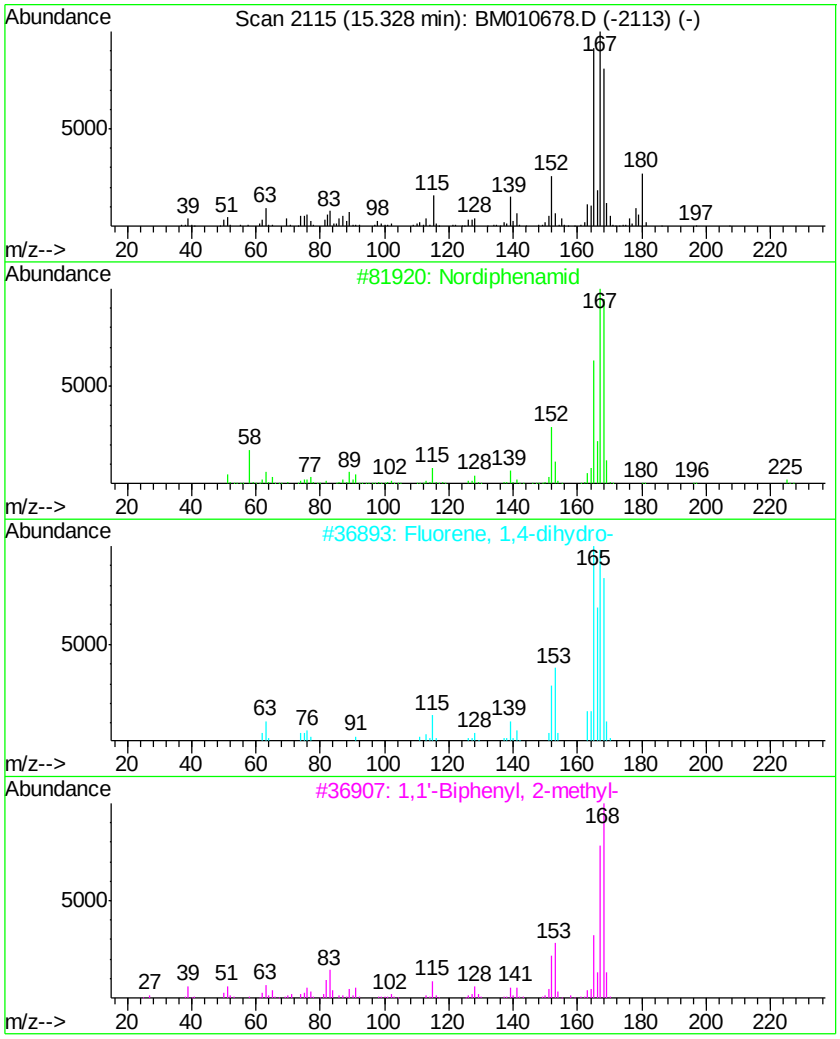
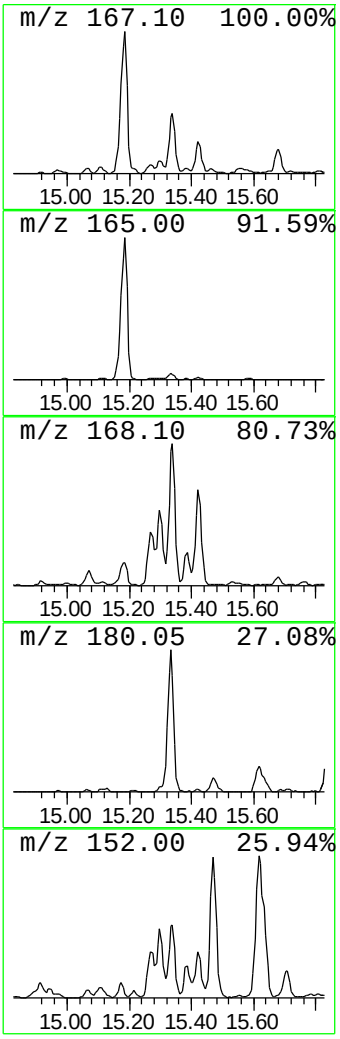
Peak Number 17 Nordiphenamid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	13.91 ng/ul	1850350	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	80
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	60
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
4	Diphenylmethane	168	C13H12	000101-81-5	49
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49





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Quant Title : SVOA CALIBRATION

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

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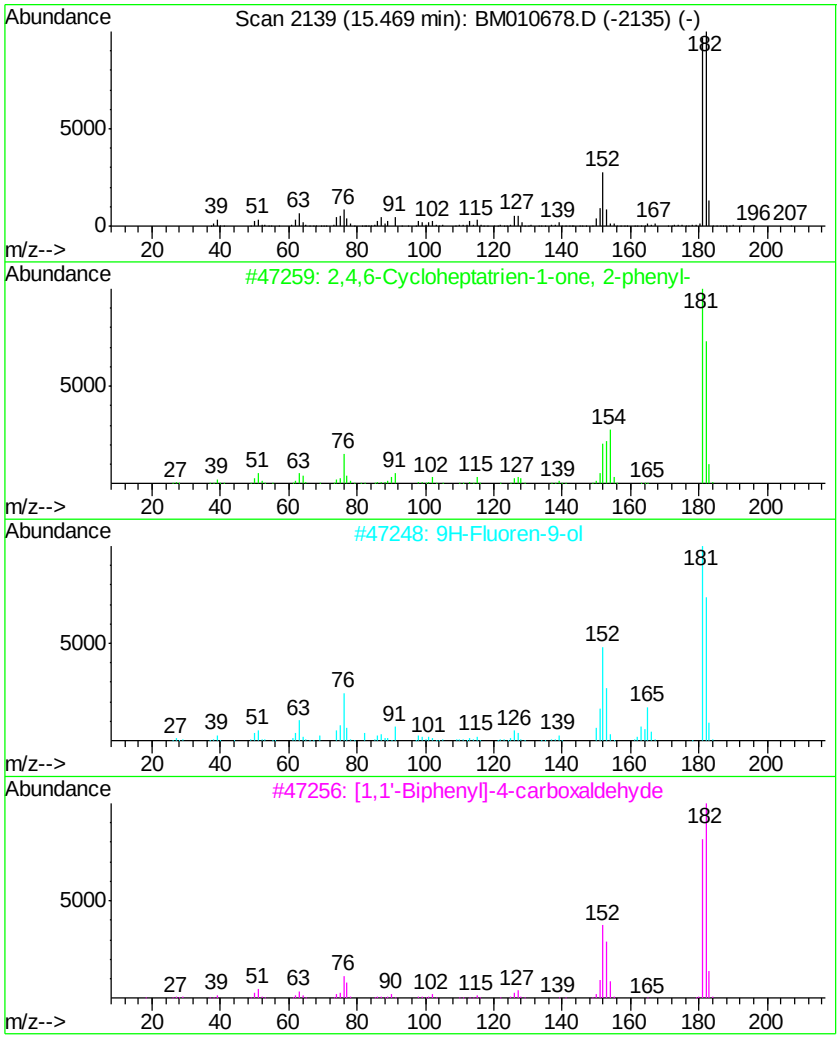
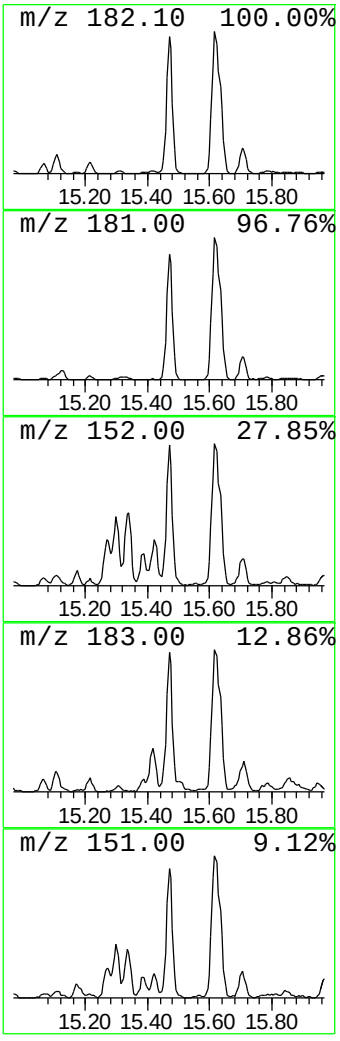
Peak Number 19 2,4,6-Cycloheptatrien-1-one... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	17.59 ng/ul	2339480	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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Quant Title : SVOA CALIBRATION

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

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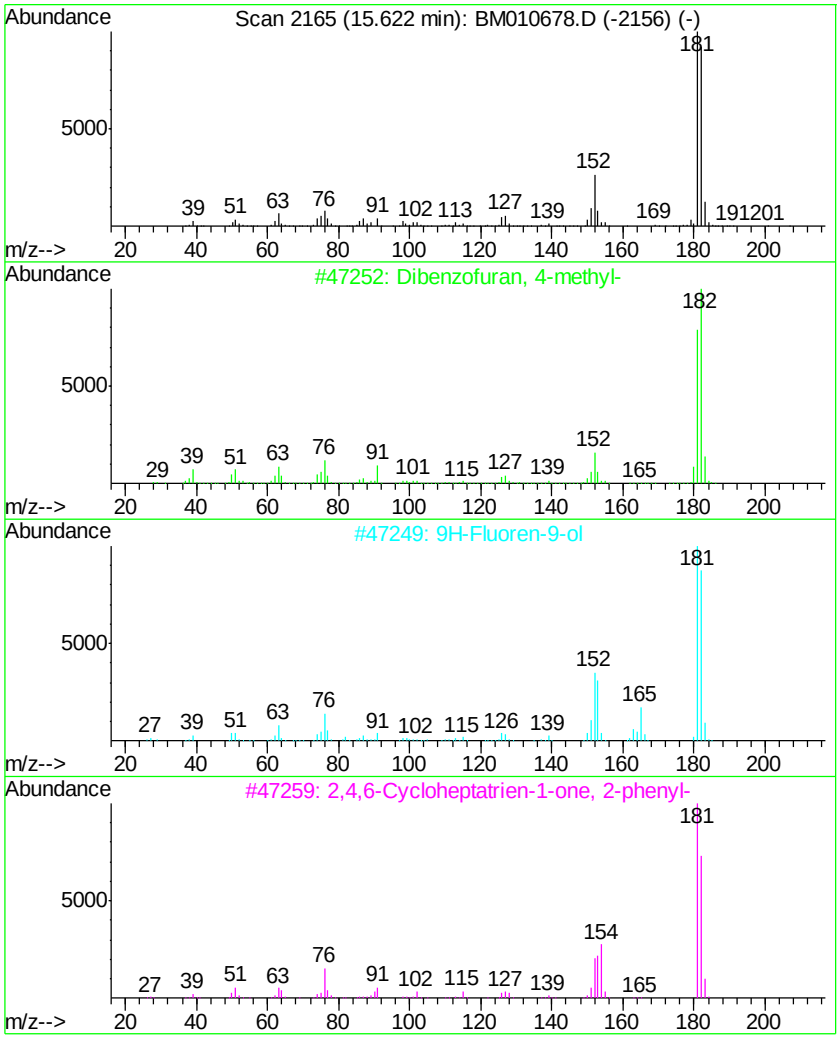
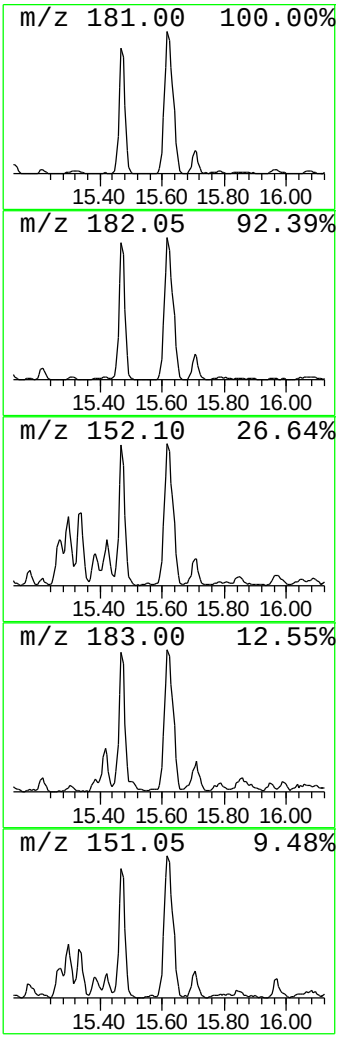
Peak Number 20 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	46.68 ng/ul	3406270	Phenanthrene-d10	16.87

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	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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Quant Title : SVOA CALIBRATION

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

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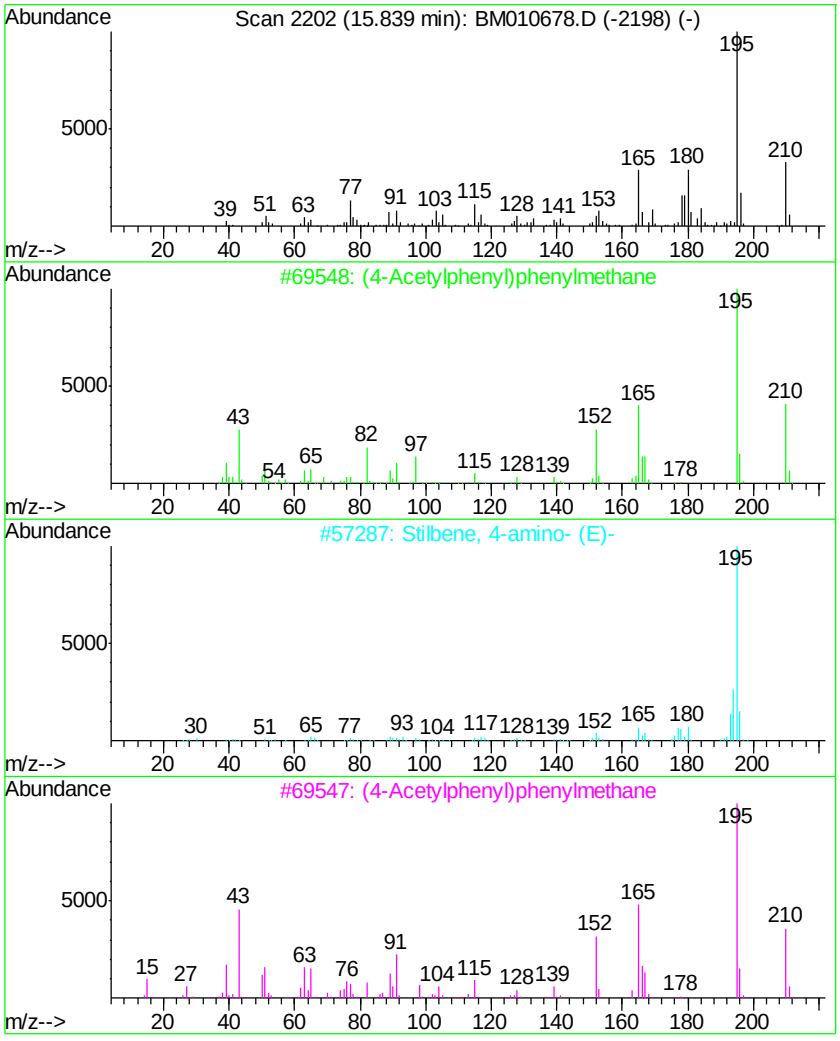
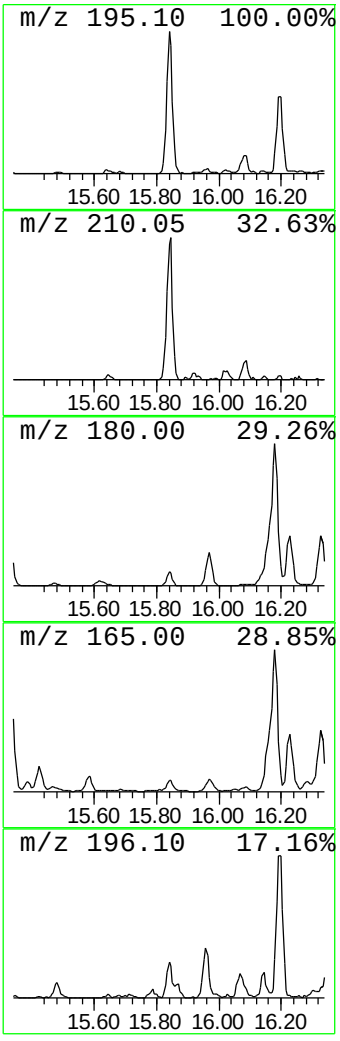
Peak Number 21 (4-Acetylphenyl)phenylmethane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	9.50 ng/ul	692927	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
2	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	53
3	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	53
4	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	50
5	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	50





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Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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

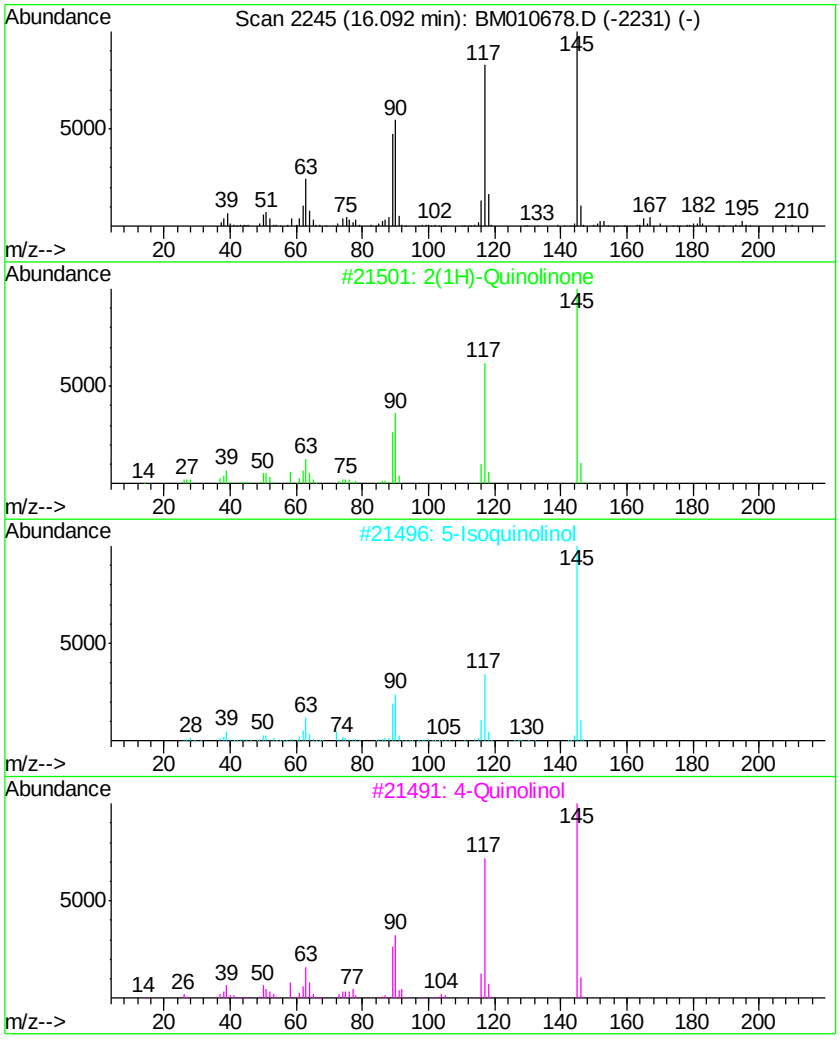
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

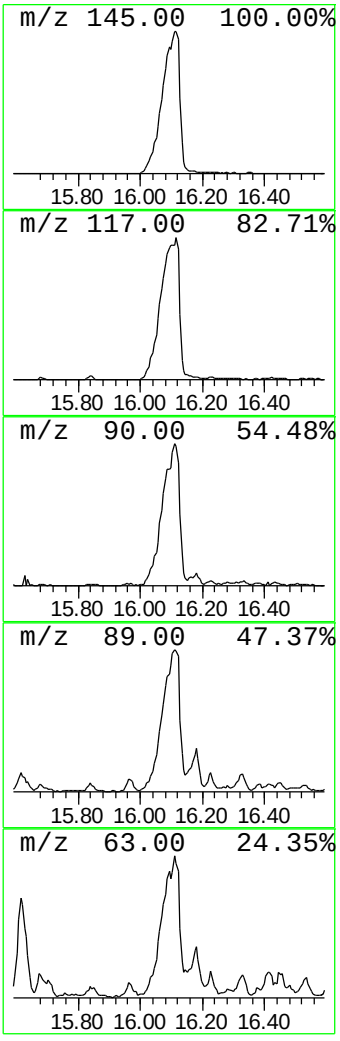
****

Peak Number 22 2(1H)-Quinolinone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	29.51 ng/ul	2153730	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	97
2	5-Isoquinolinol	145	C9H7NO	002439-04-5	94
3	4-Quinolinol	145	C9H7NO	000611-36-9	94
4	5-Quinolinol	145	C9H7NO	000578-67-6	94
5	7-Quinolinol	145	C9H7NO	000580-20-1	93





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Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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

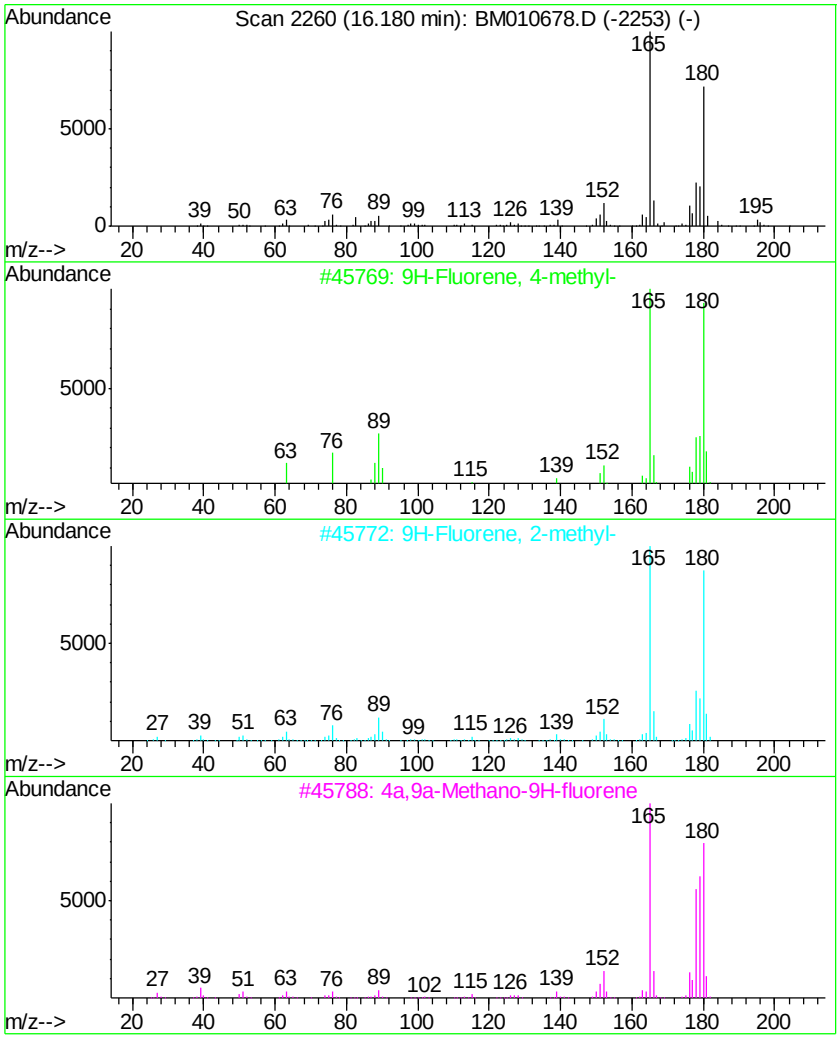
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

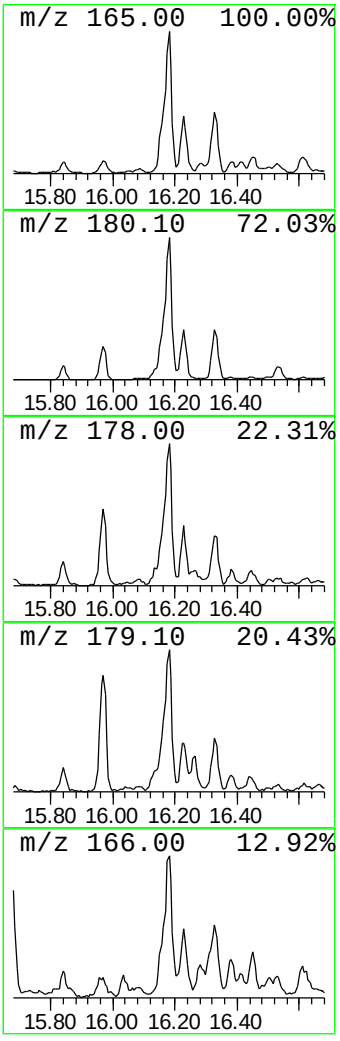
****

Peak Number 23 9H-Fluorene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	24.86 ng/ul	1814260	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81





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Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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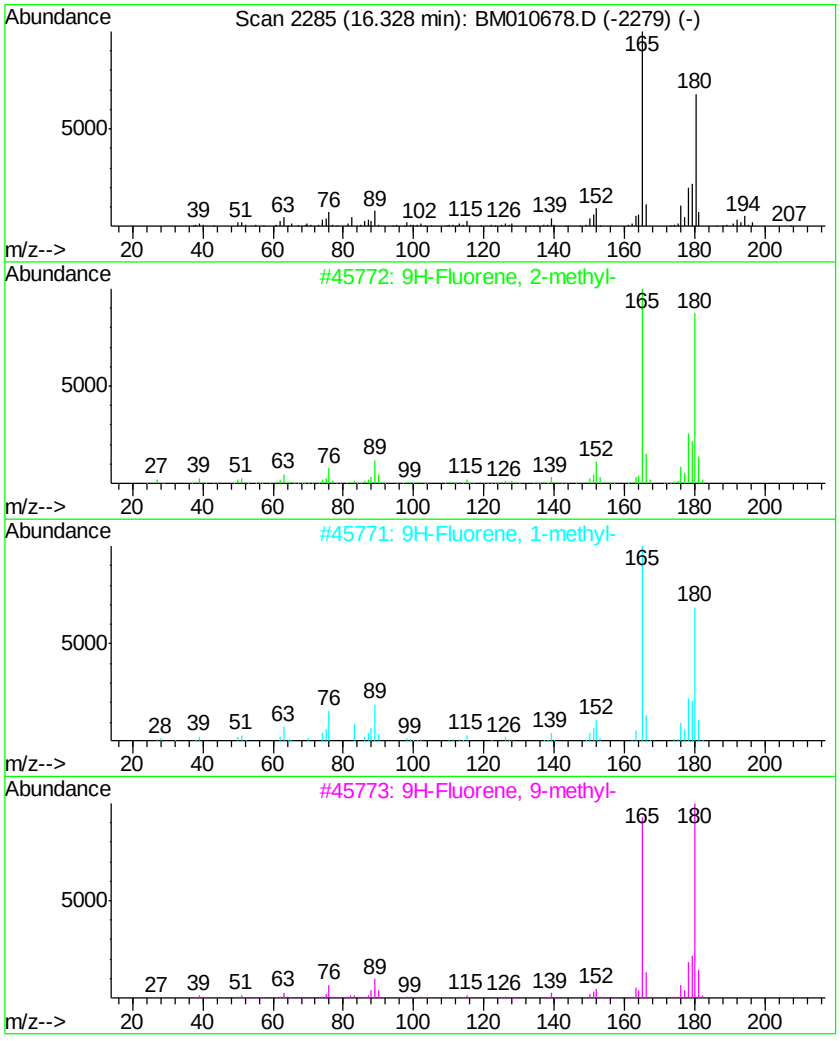
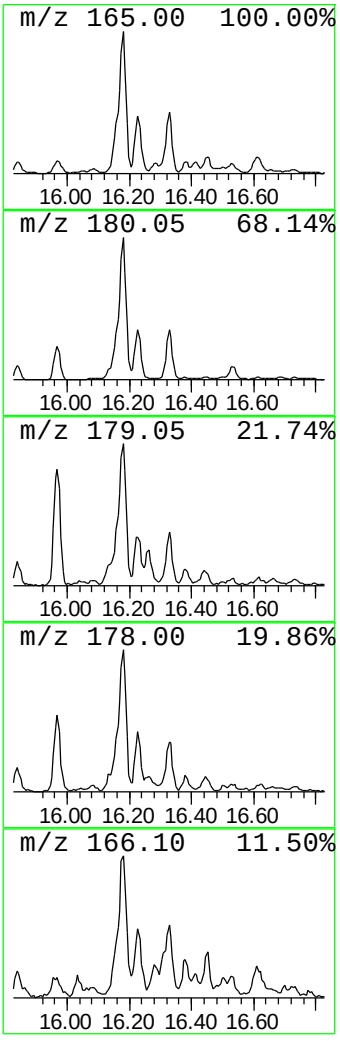
Peak Number 24 9H-Fluorene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	11.82 ng/ul	862255	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76





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Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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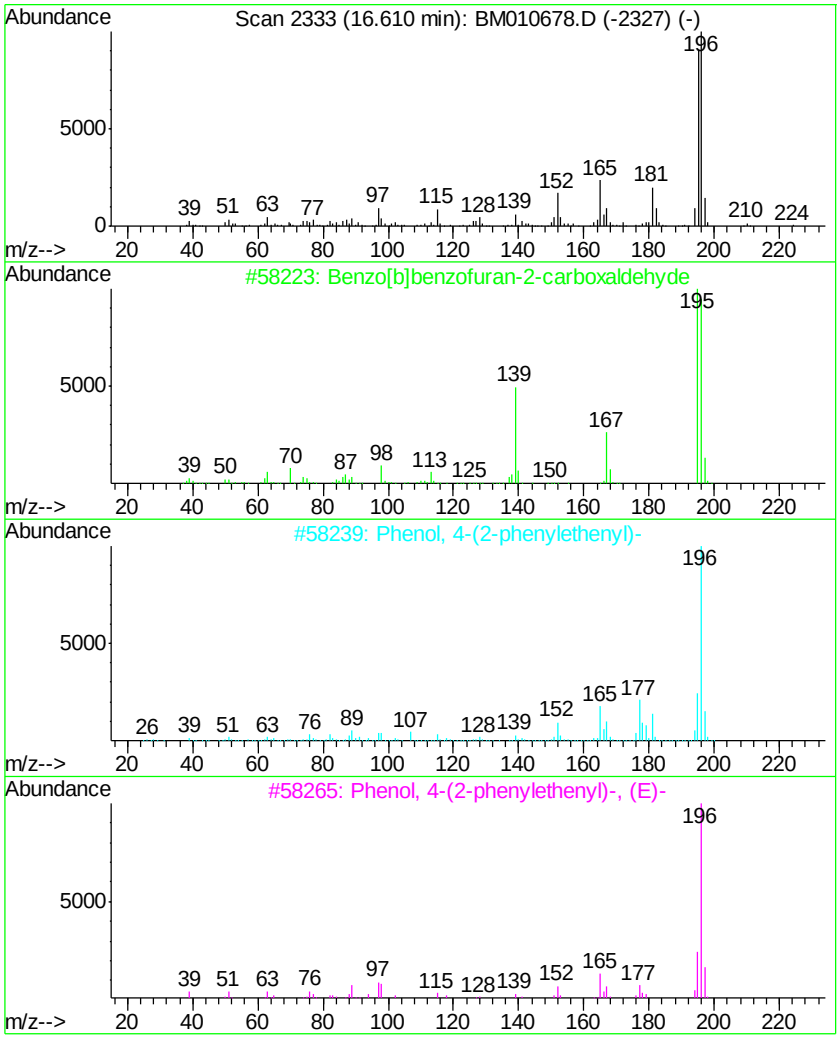
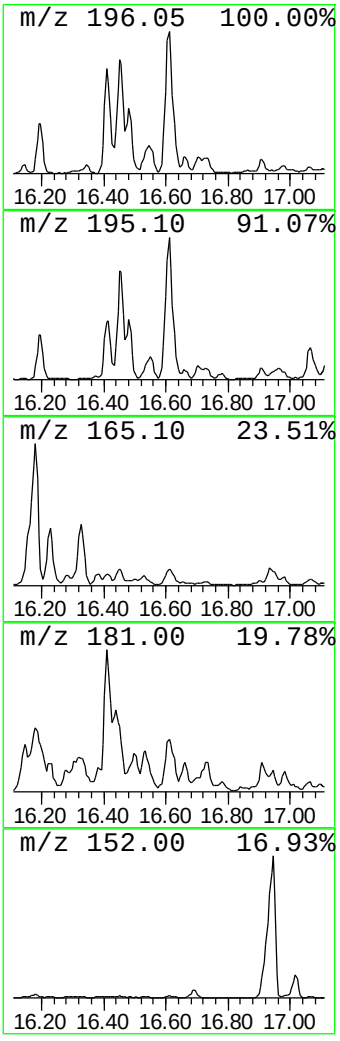
Peak Number 25 Benzo[b]benzofuran-2-carbox... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	16.05 ng/ul	1171100	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	70
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	64
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
4	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	47
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46





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Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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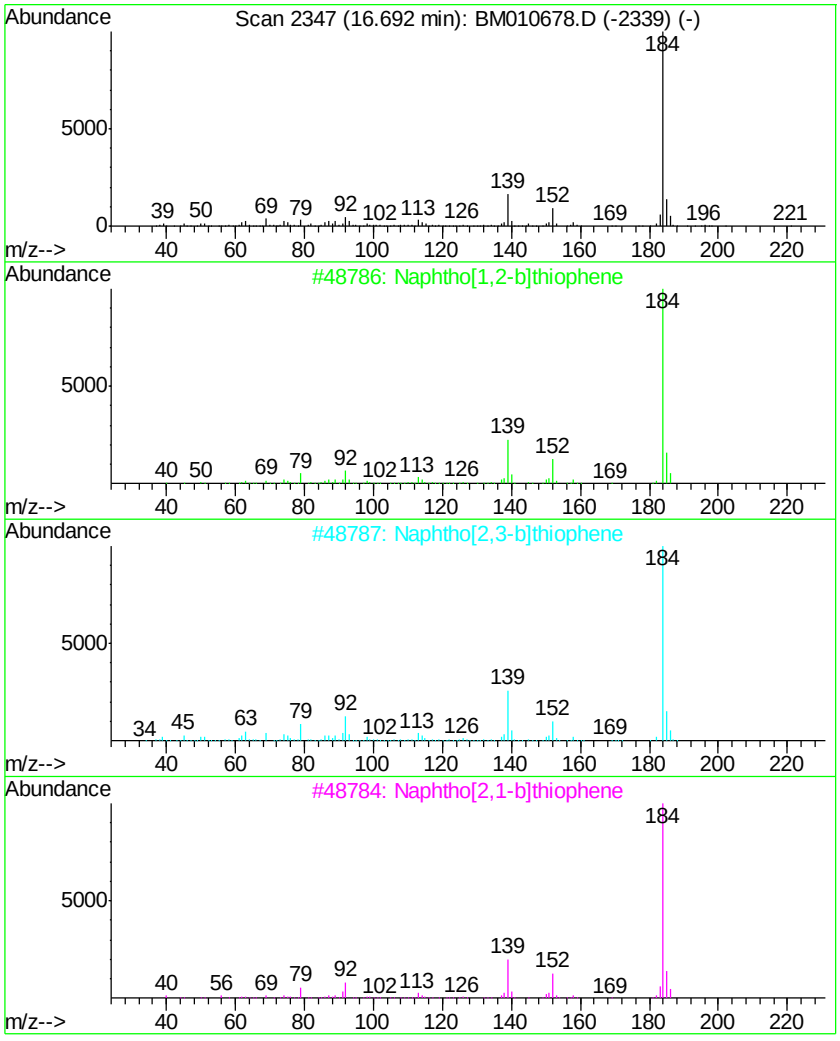
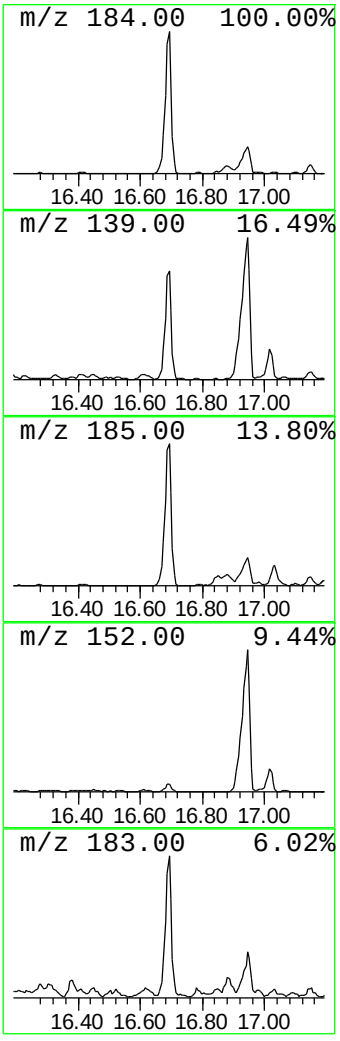
Peak Number 26 Naphtho[1,2-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	53.87 ng/ul	3931410	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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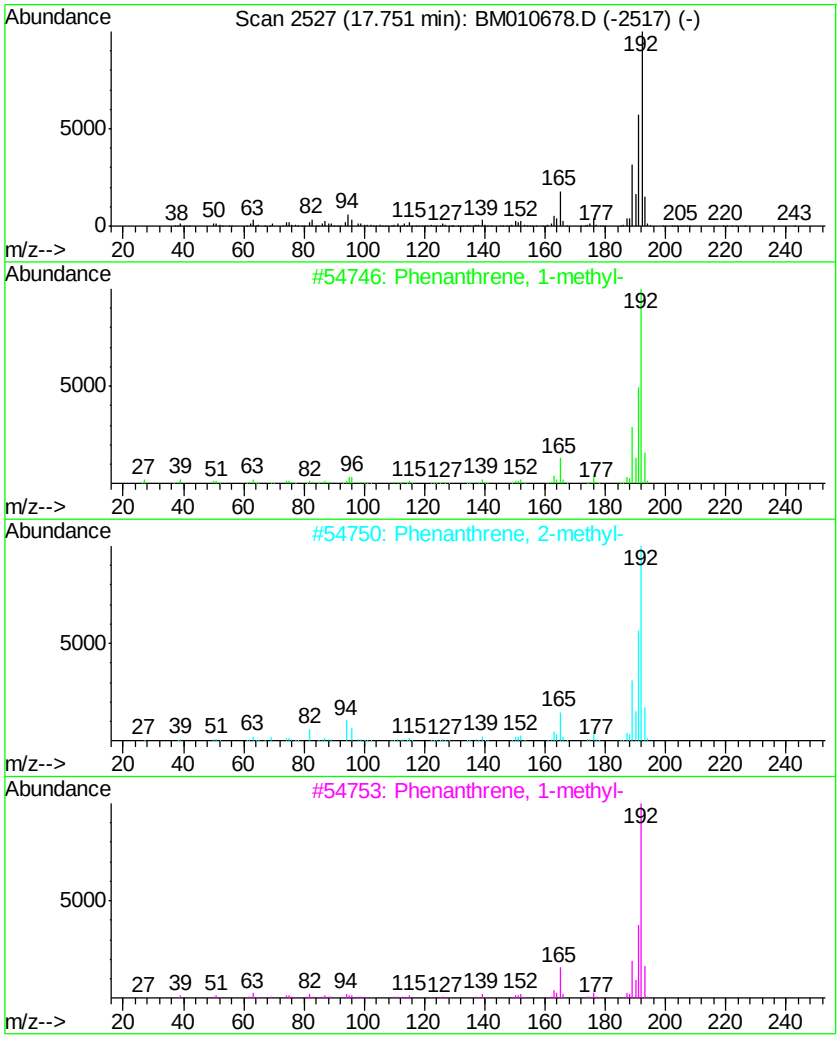
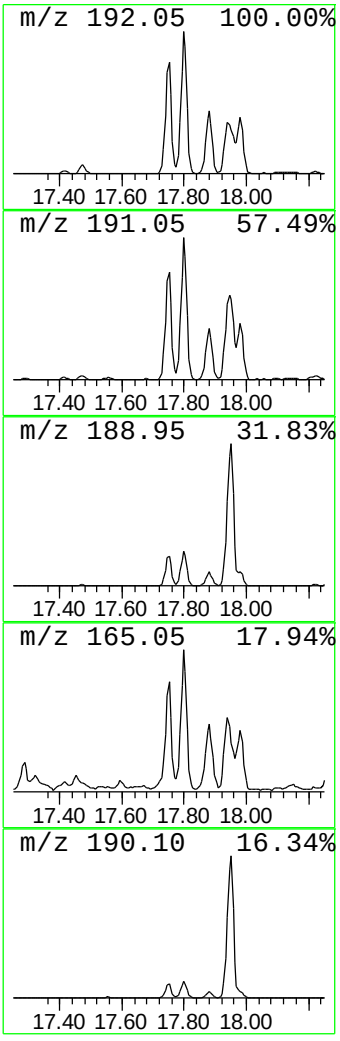
Peak Number 27 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	47.86 ng/ul	3492320	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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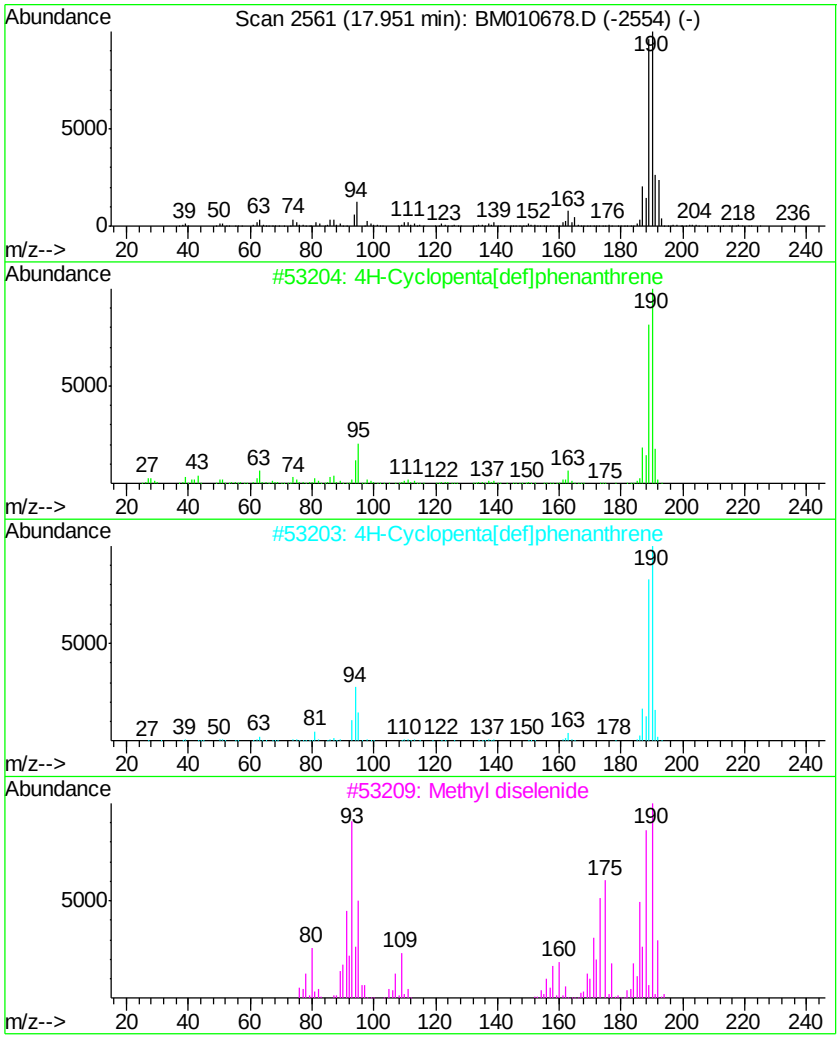
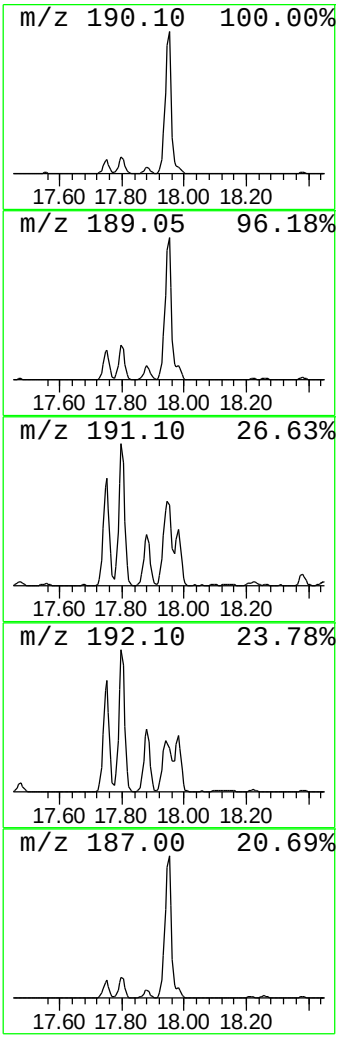
Peak Number 30 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	93.35 ng/ul	6812570	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	74
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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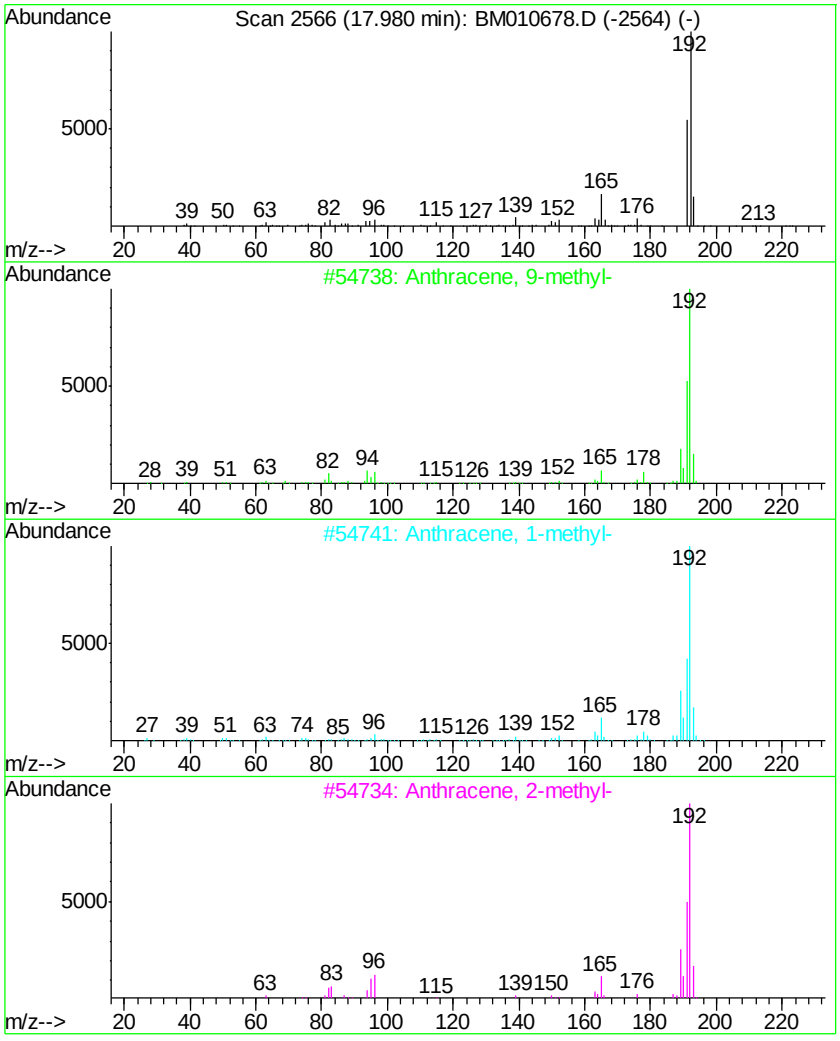
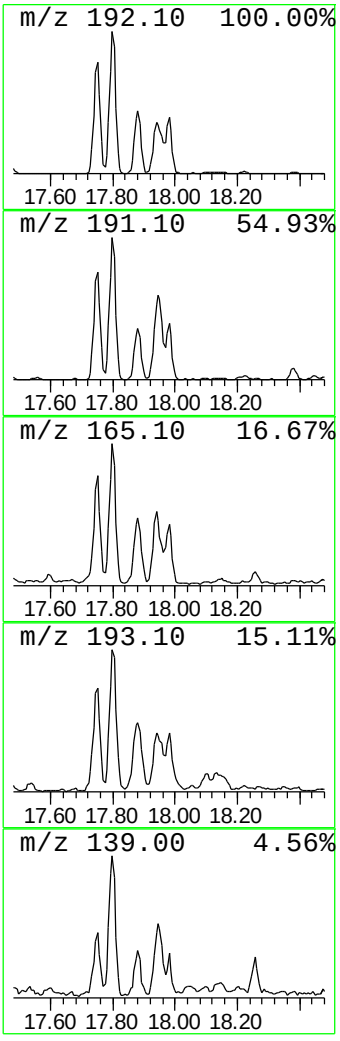
Peak Number 31 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	17.38 ng/ul	1268060	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Library Search Compound Report

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Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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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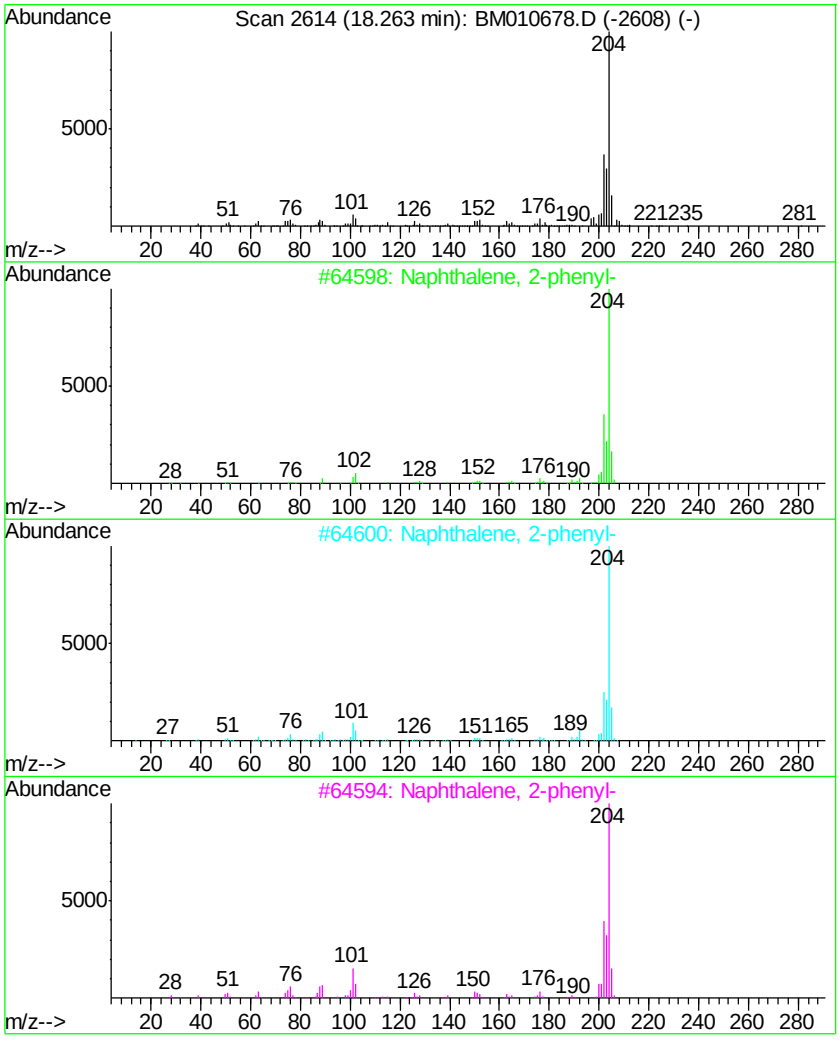
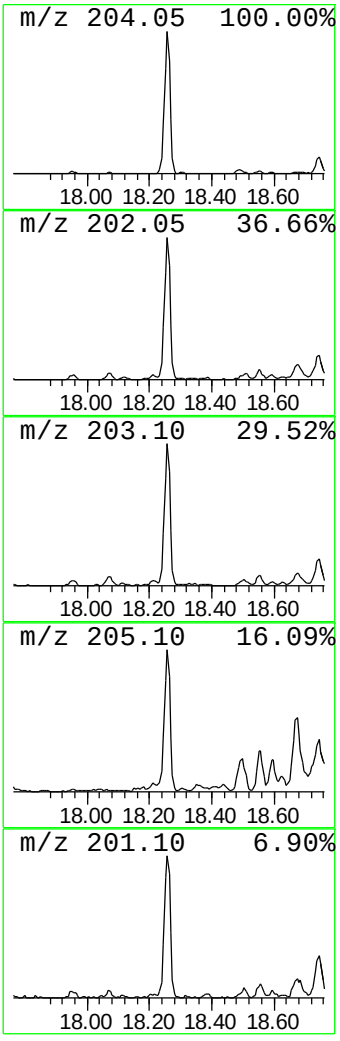
Peak Number 32 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	28.85 ng/ul	2105480	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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
Indane	7.83	20.0	ng/ul	1245750	1	7.46	1245750	20.0
Benzene, 1-propynyl-	7.99	27.9	ng/ul	1735220	1	7.46	1245750	20.0
2,4-Dimethylstyrene	9.64	28.5	ng/ul	1116340	2	10.23	784285	20.0
Quinoline	11.05	118.7	ng/ul	4653530	2	10.23	784285	20.0
Isoquinoline, 1-m...	12.02	21.4	ng/ul	839849	2	10.23	784285	20.0
Naphthalene, 1-me...	12.13	237.1	ng/ul	9296750	2	10.23	784285	20.0
Quinoline, 7-methyl-	12.63	8.8	ng/ul	1164940	3	14.12	2659780	20.0
Naphthalene, 1-et...	13.13	12.5	ng/ul	1664280	3	14.12	2659780	20.0
Naphthalene, 2,7-...	13.27	17.5	ng/ul	2329260	3	14.12	2659780	20.0
Naphthalene, 1,3-...	13.67	9.2	ng/ul	1221230	3	14.12	2659780	20.0
2-Naphthalenecarb...	14.25	5.2	ng/ul	689245	3	14.12	2659780	20.0
Benzene, [1-(2,4-...	14.43	8.8	ng/ul	1174350	3	14.12	2659780	20.0
Naphthalene, 1,6,...	14.74	5.2	ng/ul	687245	3	14.12	2659780	20.0
Naphthalene, 1,4,...	14.80	5.4	ng/ul	716938	3	14.12	2659780	20.0
Nordiphenamid	15.33	13.9	ng/ul	1850350	3	14.12	2659780	20.0
2,4,6-Cycloheptat...	15.47	17.6	ng/ul	2339480	3	14.12	2659780	20.0
Dibenzofuran, 4-m...	15.62	46.7	ng/ul	3406270	4	16.87	1459540	20.0
(4-Acetylphenyl)p...	15.84	9.5	ng/ul	692927	4	16.87	1459540	20.0
2(1H)-Quinolinone	16.09	29.5	ng/ul	2153730	4	16.87	1459540	20.0
9H-Fluorene, 4-me...	16.18	24.9	ng/ul	1814260	4	16.87	1459540	20.0
9H-Fluorene, 2-me...	16.33	11.8	ng/ul	862255	4	16.87	1459540	20.0
Benzo[b]benzofura...	16.61	16.1	ng/ul	1171100	4	16.87	1459540	20.0
Naphtho[1,2-b]thi...	16.69	53.9	ng/ul	3931410	4	16.87	1459540	20.0
Phenanthrene, 1-m...	17.75	47.9	ng/ul	3492320	4	16.87	1459540	20.0
4H-Cyclopenta[def...	17.95	93.3	ng/ul	6812570	4	16.87	1459540	20.0
Anthracene, 9-met...	17.98	17.4	ng/ul	1268060	4	16.87	1459540	20.0
Naphthalene, 2-ph...	18.26	28.9	ng/ul	2105480	4	16.87	1459540	20.0