LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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	6.645	630	639	645	rBV	51168	79501	1.65%	0.178%
2	6.810	662	667	673	rBV	35905	52685	1.09%	0.118%
3	6.998	691	699	705	rBV	49726	74036	1.53%	0.166%
4	7.457	771	777	787	rBV	330804	484583	10.04%	1.085%
5	7.822	833	839	847	rBV	56127	84213	1.74%	0.189%
6	7.987	861	867	873	rVB	80383	125110	2.59%	0.280%
7	8.163	891	897	903	rVB2	71869	102089	2.11%	0.229%
8	8.598	967	971	982	rVB2	51777	93526	1.94%	0.209%
9	9.316	1087	1093	1100	rBB2	45256	73067	1.51%	0.164%
10	9.634	1136	1147	1157	rBB9	32650	79732	1.65%	0.179%
11	9.845	1177	1183	1190	rBV2	81179	125626	2.60%	0.281%
12	10.222	1238	1247	1250	rBV	472677	747275	15.48%	1.673%
13	10.275	1250	1256	1264	rVV	3036205	4779392	99.01%	10.701%
14	10.386	1266	1275	1285	rVB2	137648	324958	6.73%	0.728%
15	11.045	1380	1387	1396	rBV	123227	213624	4.43%	0.478%
16	11.892	1523	1531	1539	rVB	1082765	1700983	35.24%	3.808%
17	12.116	1557	1569	1579	rBB	485831	798364	16.54%	1.788%
18	12.933	1702	1708	1714	rVB	262296	372820	7.72%	0.835%
19	13.127	1736	1741	1750	rVB	82055	137659	2.85%	0.308%
20	13.263	1756	1764	1766	rBV2	135877	203538	4.22%	0.456%
21	13.427	1785	1792	1797	rBV2	187809	329326	6.82%	0.737%
22	13.480	1797	1801	1805	rVV	127539	167604	3.47%	0.375%
23	13.527	1805	1809	1813	rVV2	144146	190247	3.94%	0.426%
24	13.574	1813	1817	1823	rVB	119675	157038	3.25%	0.352%
25	13.663	1827	1832	1836	rBV	80932	116309	2.41%	0.260%
26	13.798	1849	1855	1858	rBV	155888	244408	5.06%	0.547%
27	13.827	1858	1860	1866	rVB3	78390	96124	1.99%	0.215%
28	14.110	1900	1908	1914	rBV3	753304	1261853	26.14%	2.825%
29	14.174	1914	1919	1927	rVV	955073	1347452	27.91%	3.017%
30	14.245	1927	1931	1937	rVB	43390	59964	1.24%	0.134%
31	14.321	1937	1944	1953	rBV3	85653	150735	3.12%	0.337%
32	14.421	1953	1961	1966	rVB4	42098	90354	1.87%	0.202%
33	14.516	1966	1977	1985	rVB	799605	1189346	24.64%	2.663%
34	14.598	1985	1991	1995	rBV2	39536	50499	1.05%	0.113%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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	15.110	2073	2078	2082	rBV	223599	312633	6.48%	0.700%
36	15.168	2082	2088	2093	rVB	1108791	1494184	30.95%	3.345%
37	15.239	2096	2100	2102	rBV	47429	65051	1.35%	0.146%
38	15.327	2112	2115	2121	rVB	112490	150682	3.12%	0.337%
39	15.416	2127	2130	2134	rVB2	53343	68616	1.42%	0.154%
40	15.463	2134	2138	2149	rVB	153041	211975	4.39%	0.475%
41	15.610	2158	2163	2171	rVB	164202	305935	6.34%	0.685%
42	15.698	2171	2178	2184	rVB6	30057	62564	1.30%	0.140%
43	15.839	2197	2202	2209	rBV3	31807	58128	1.20%	0.130%
44	15.986	2216	2227	2232	rBV4	71260	175715	3.64%	0.393%
45	16.063	2236	2240	2248	rVB4	29018	50761	1.05%	0.114%
46	16.174	2248	2259	2264	rBV2	108709	229402	4.75%	0.514%
47	16.221	2264	2267	2271	rVB2	42091	51626	1.07%	0.116%
48	16.321	2279	2284	2289	rVB3	40828	64158	1.33%	0.144%
49	16.604	2325	2332	2337	rBV2	53575	101333	2.10%	0.227%
50	16.680	2337	2345	2351	rVV	217730	332135	6.88%	0.744%
51	16.868	2370	2377	2380	rBV	1059472	1574073	32.61%	3.524%
52	16.910	2380	2384	2389	rVV	3690475	4827366	100.00%	10.808%
53	16.962	2389	2393	2396	rVV2	335531	530363	10.99%	1.187%
54	16.998	2396	2399	2405	rVB	836139	1035513	21.45%	2.318%
55	17.062	2405	2410	2416	rBV4	31576	52998	1.10%	0.119%
56	17.245	2434	2441	2442	rBV2	63388	104400	2.16%	0.234%
57	17.274	2442	2446	2451	rVB	477198	636531	13.19%	1.425%
58	17.392	2463	2466	2470	rBV2	46671	58465	1.21%	0.131%
59	17.739	2520	2525	2529	rBV	212147	275846	5.71%	0.618%
60	17.786	2529	2533	2541	rVB	362792	503242	10.42%	1.127%
61	17.868	2541	2547	2552	rBV	139915	209290	4.34%	0.469%
62	17.939	2552	2559	2562	rBV2	380886	636248	13.18%	1.425%
63	17.974	2562	2565	2570	rVB	117283	147500	3.06%	0.330%
64	18.092	2581	2585	2589	rVB	40764	50732	1.05%	0.114%
65	18.251	2607	2612	2617	rVB	166525	208471	4.32%	0.467%
66	18.668	2678	2683	2689	rBV2	67156	126362	2.62%	0.283%
67	18.739	2689	2695	2698	rBV4	44451	73995	1.53%	0.166%
68	18.815	2704	2708	2716	rVB6	28572	66228	1.37%	0.148%
69	18.939	2723	2729	2736	rVB	2210901	2825583	58.53%	6.326%
70	19.180	2764	2770	2775	rBV	62099	94034	1.95%	0.211%
71	19.274	2781	2786	2788	rBV2	688826	972266	20.14%	2.177%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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	19.303	2788	2791	2795	rVB	1227618	1512673	31.34%	3.387%
73	19.380	2800	2804	2811	rVB2	71363	118737	2.46%	0.266%
74	19.486	2817	2822	2828	rBV	88178	111122	2.30%	0.249%
75	19.539	2828	2831	2838	rVB	35626	61189	1.27%	0.137%
76	19.633	2841	2847	2853	rBV3	77087	199670	4.14%	0.447%
77	19.686	2853	2856	2860	rVV	58609	74123	1.54%	0.166%
78	19.768	2860	2870	2872	rVV4	61450	142015	2.94%	0.318%
79	19.803	2872	2876	2882	rVB	277883	376865	7.81%	0.844%
80	19.909	2889	2894	2898	rBV	328486	434448	9.00%	0.973%
81	19.962	2898	2903	2907	rVV2	119847	209803	4.35%	0.470%
82	20.009	2907	2911	2914	rVV4	39721	59533	1.23%	0.133%
83	20.051	2914	2918	2923	rVV5	34922	51770	1.07%	0.116%
84	20.103	2923	2927	2931	rVV2	43559	61344	1.27%	0.137%
85	20.145	2931	2934	2944	rVB4	46801	95254	1.97%	0.213%
86	20.515	2994	2997	3002	rBV4	34359	60120	1.25%	0.135%
87	20.727	3029	3033	3036	rBV	84360	111924	2.32%	0.251%
88	20.762	3036	3039	3043	rVV	79684	102696	2.13%	0.230%
89	20.809	3043	3047	3051	rVB3	78359	131417	2.72%	0.294%
90	21.080	3085	3093	3097	rBV2	1760172	2767562	57.33%	6.196%
91	21.115	3097	3099	3107	rVB	369650	433662	8.98%	0.971%
92	21.233	3116	3119	3123	rBV	88630	101906	2.11%	0.228%
93	21.392	3141	3146	3151	rBV4	72034	120534	2.50%	0.270%
94	21.621	3181	3185	3190	rVB2	52021	71313	1.48%	0.160%
95	21.839	3220	3222	3227	rVB5	52344	55159	1.14%	0.123%
96	22.586	3344	3349	3362	rVB2	132021	411002	8.51%	0.920%
97	23.039	3421	3426	3428	rBV2	50274	83996	1.74%	0.188%
98	23.080	3429	3433	3437	rVV2	176247	302467	6.27%	0.677%
99	23.121	3438	3440	3448	rVB2	98268	188991	3.91%	0.423%
100	23.221	3450	3457	3464	rBV	768477	1363617	28.25%	3.053%

Sum of corrected areas: 44663356

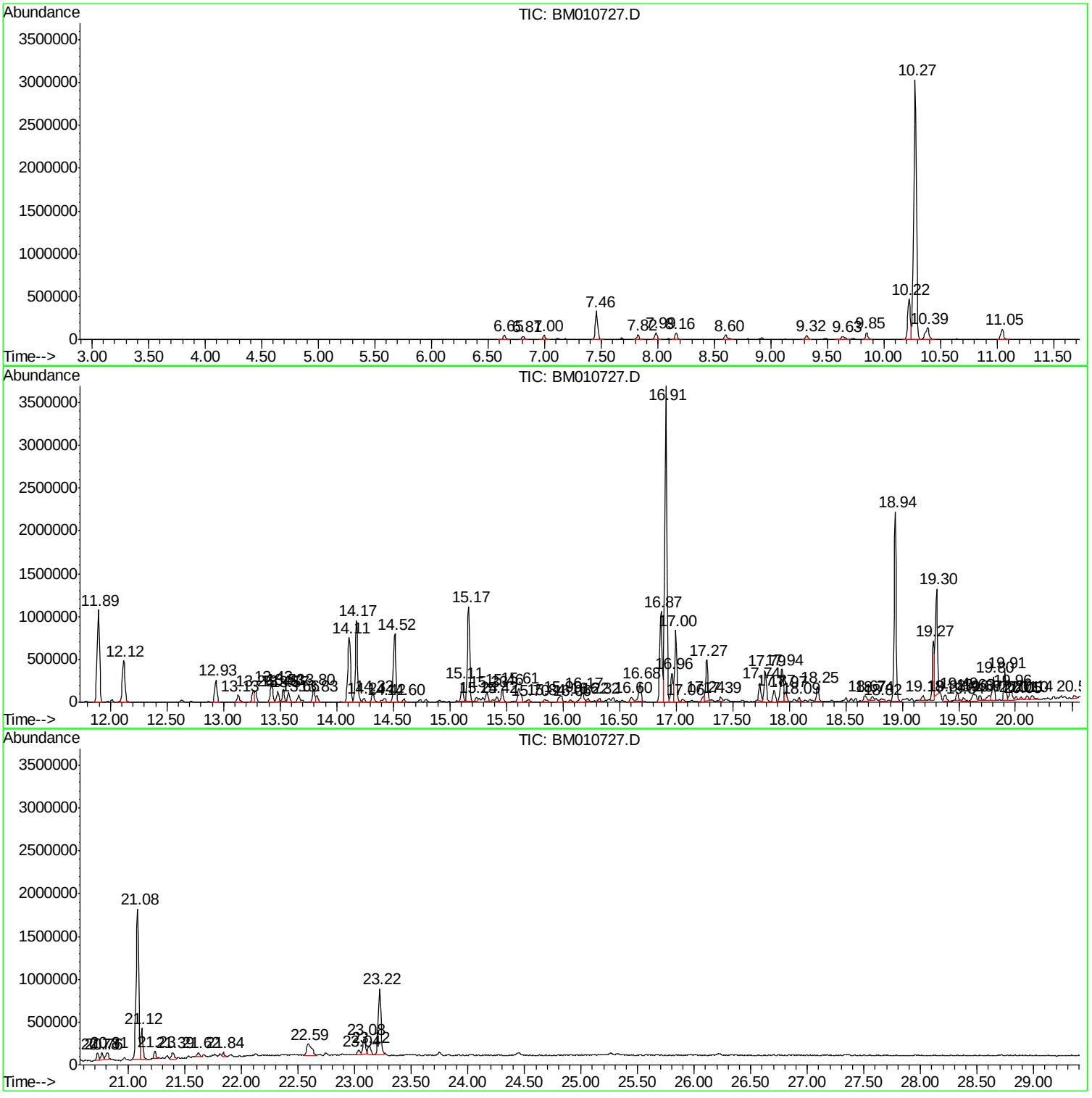
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B20ME

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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

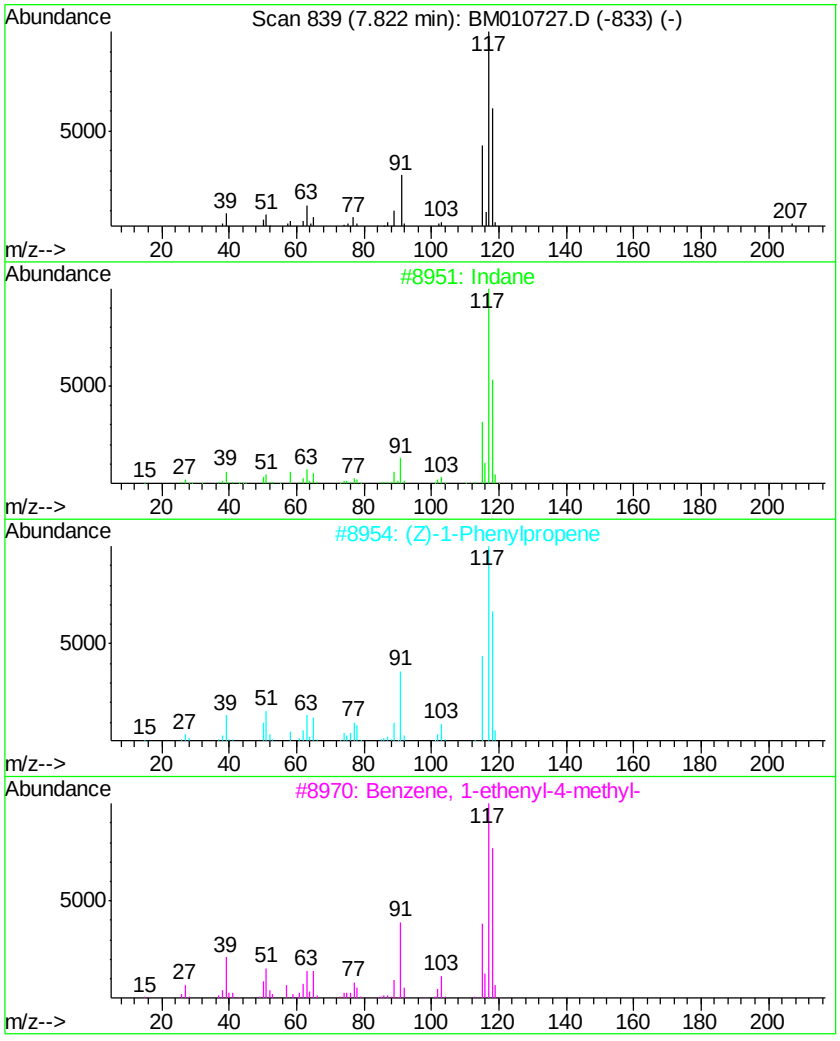
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

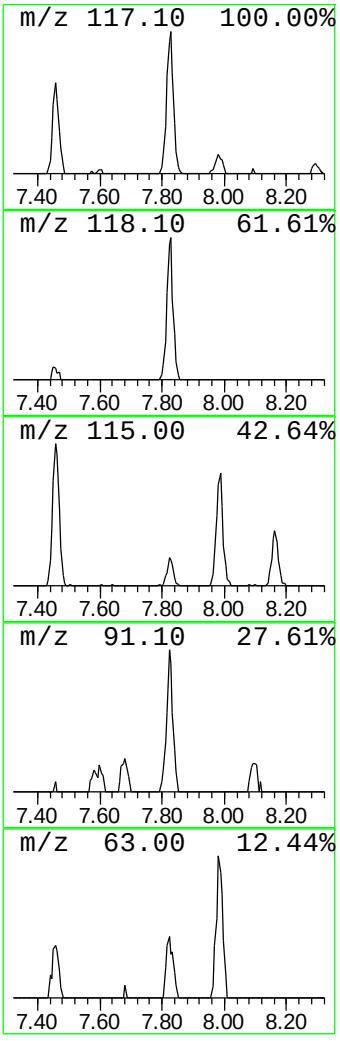
****

Peak Number 1 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.48 ng/ul	84213	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70
4	Indane	118	C9H10	000496-11-7	68
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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

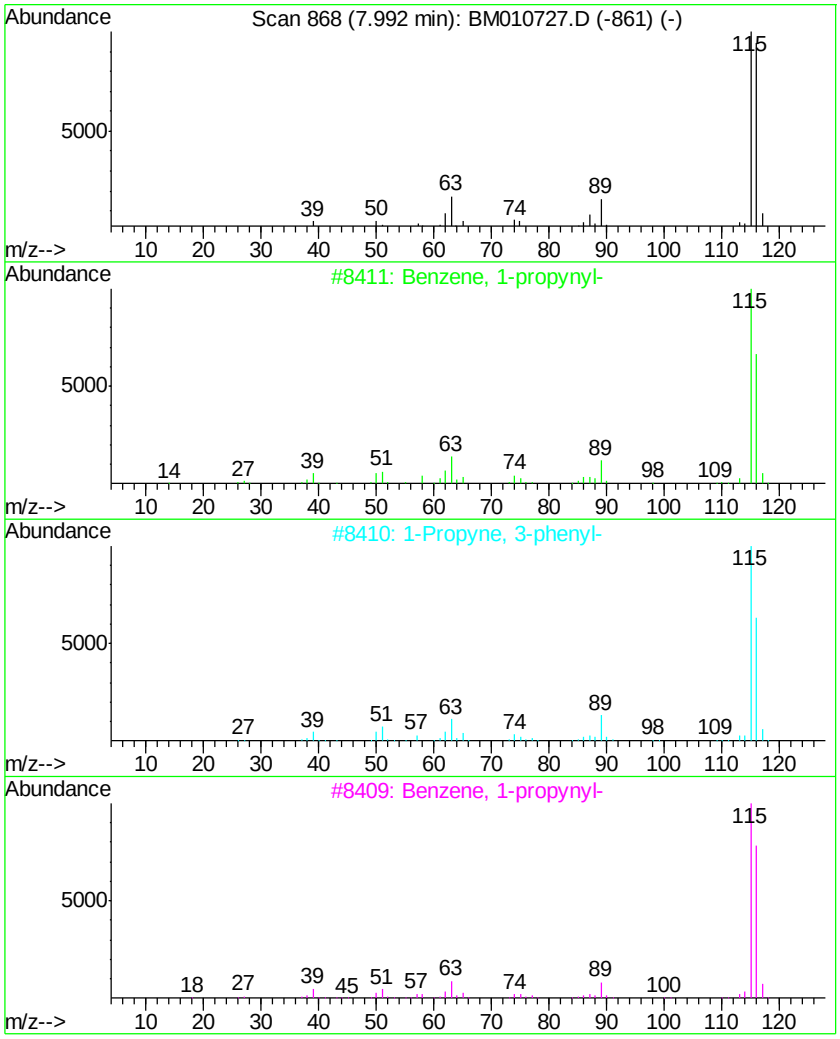
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

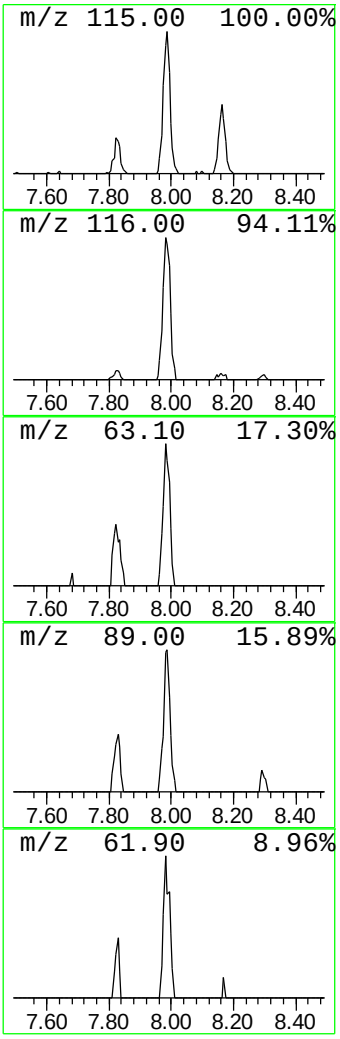
****

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	5.16 ng/ul	125110	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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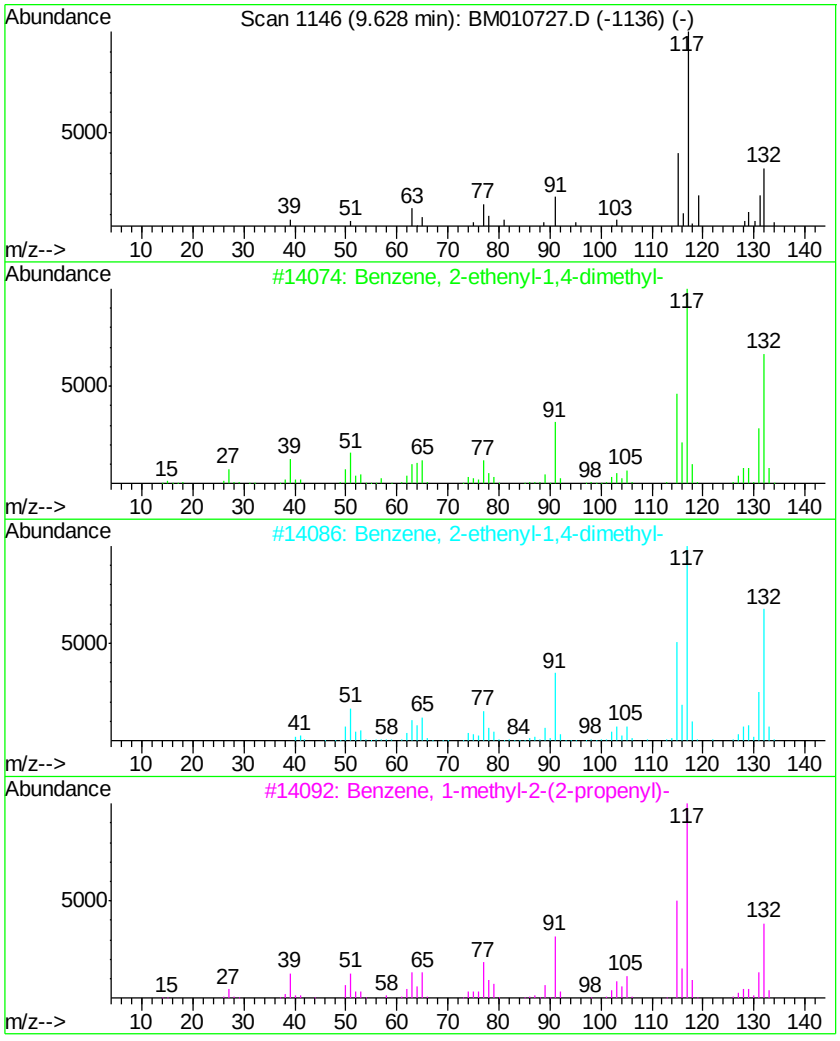
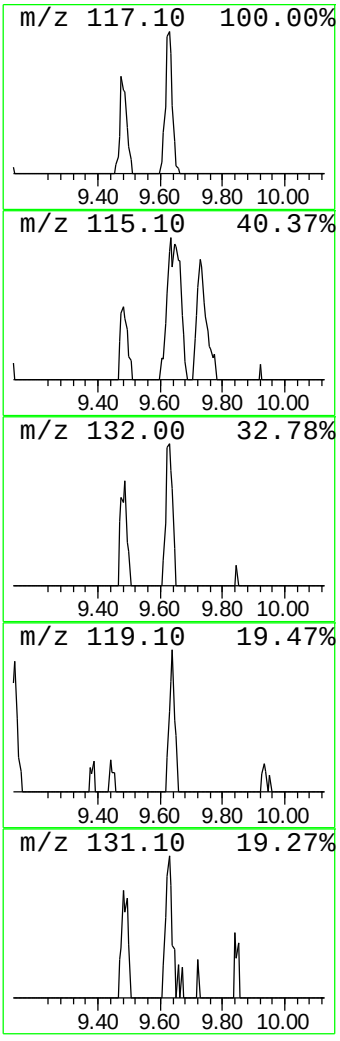
Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	2.13 ng/ul	79732	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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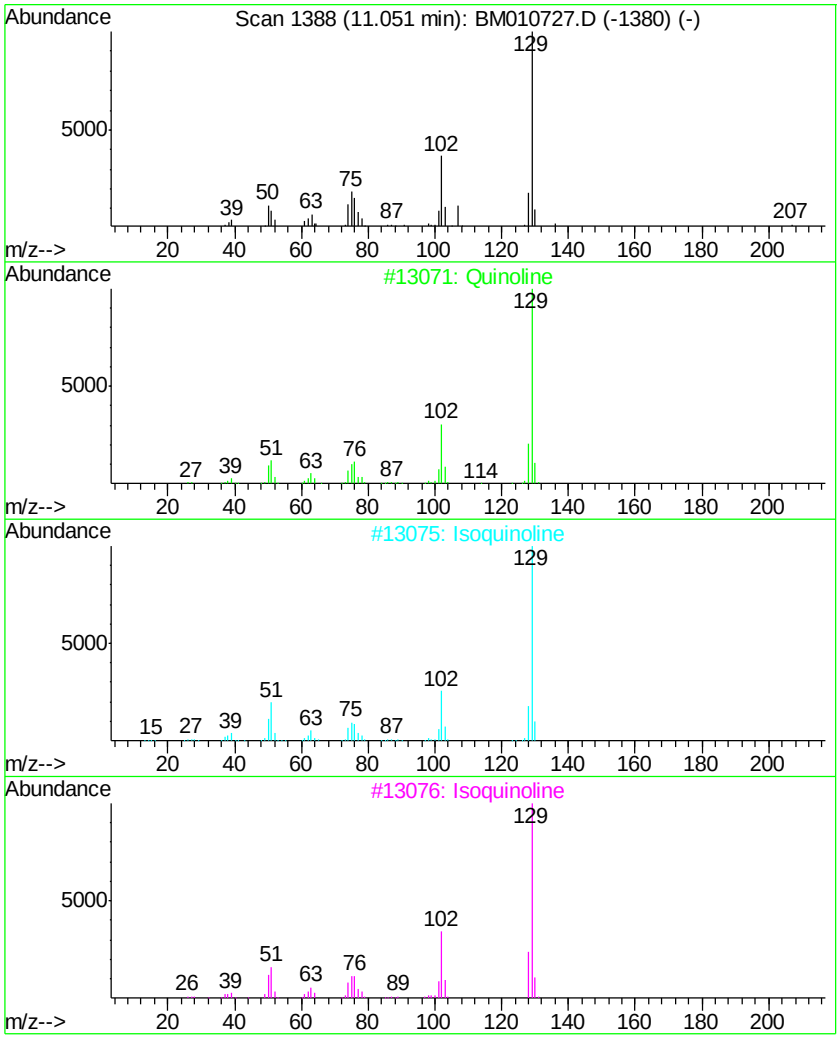
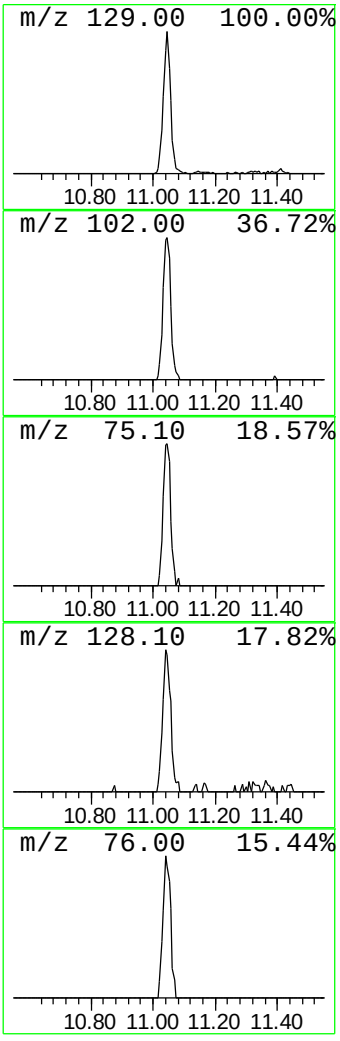
Peak Number 4 Quinoline Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	5.72 ng/ul	213624	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	94
2	Isoquinoline	129	C9H7N	000119-65-3	94
3	Isoquinoline	129	C9H7N	000119-65-3	91
4	Quinoline	129	C9H7N	000091-22-5	91
5	Isoquinoline	129	C9H7N	000119-65-3	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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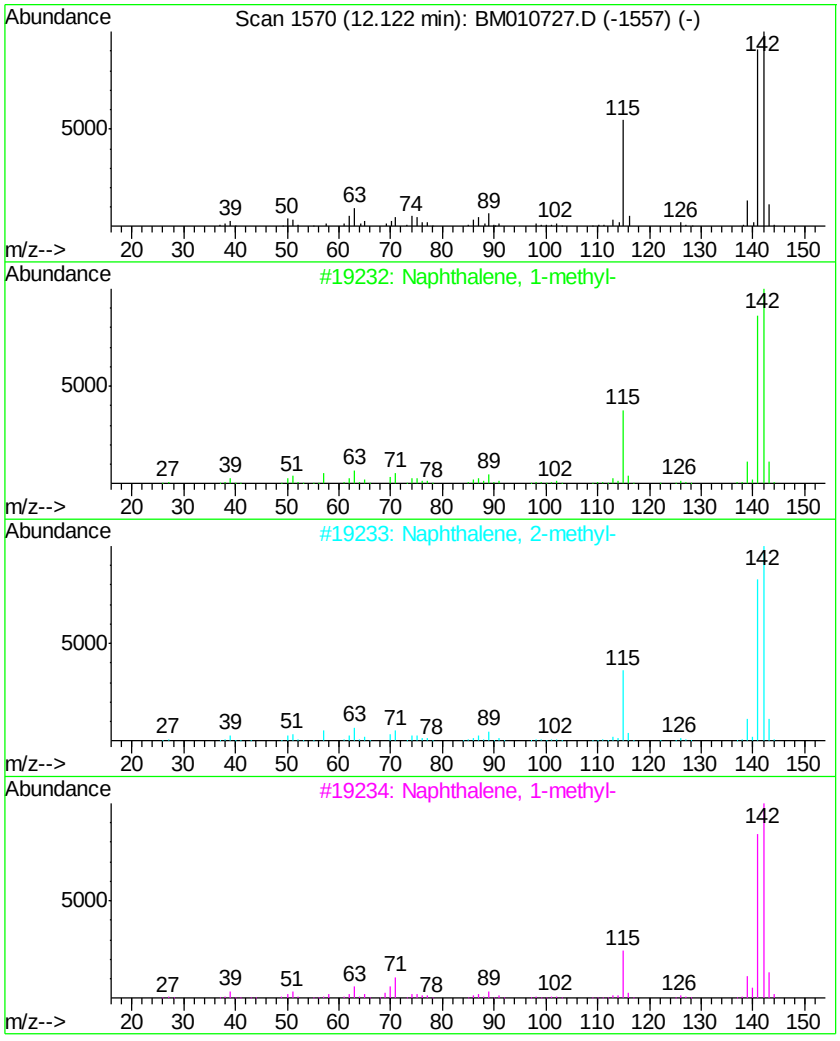
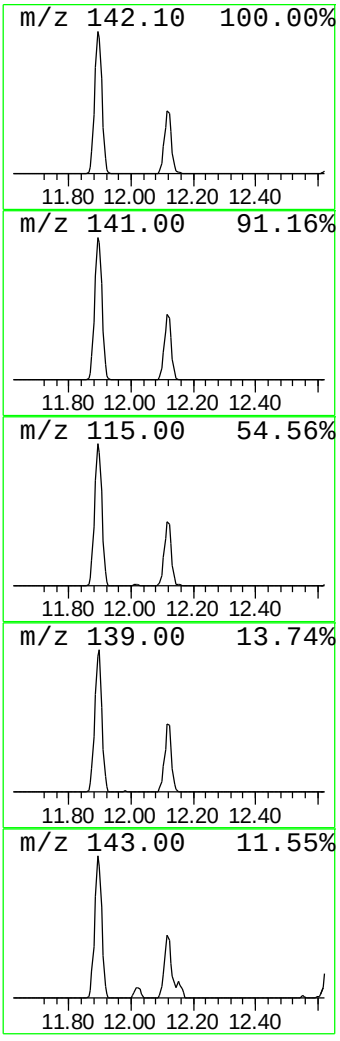
Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	21.37 ng/ul	798364	Naphthalene-d8	10.22

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	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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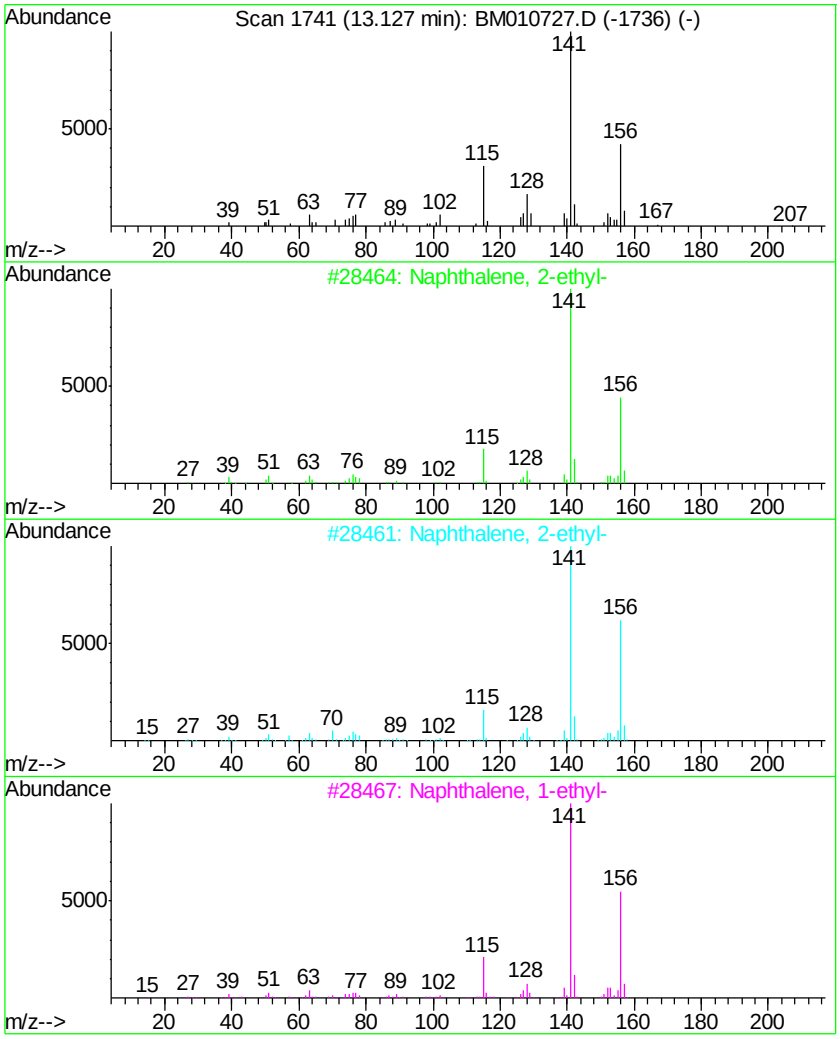
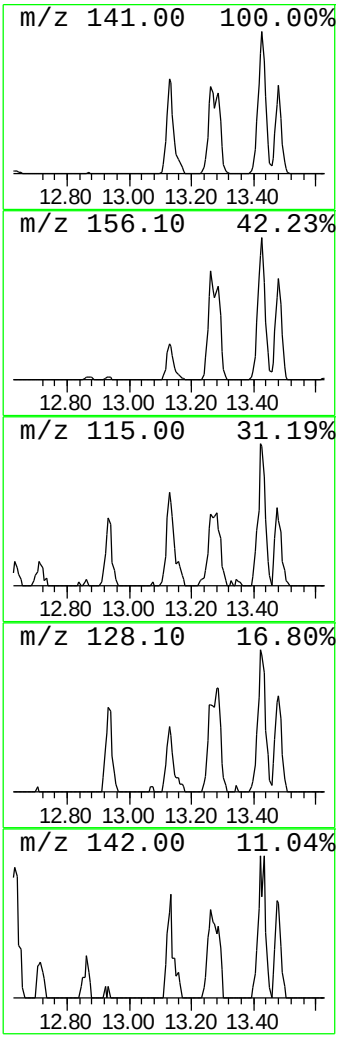
Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.18 ng/ul	137659	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





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Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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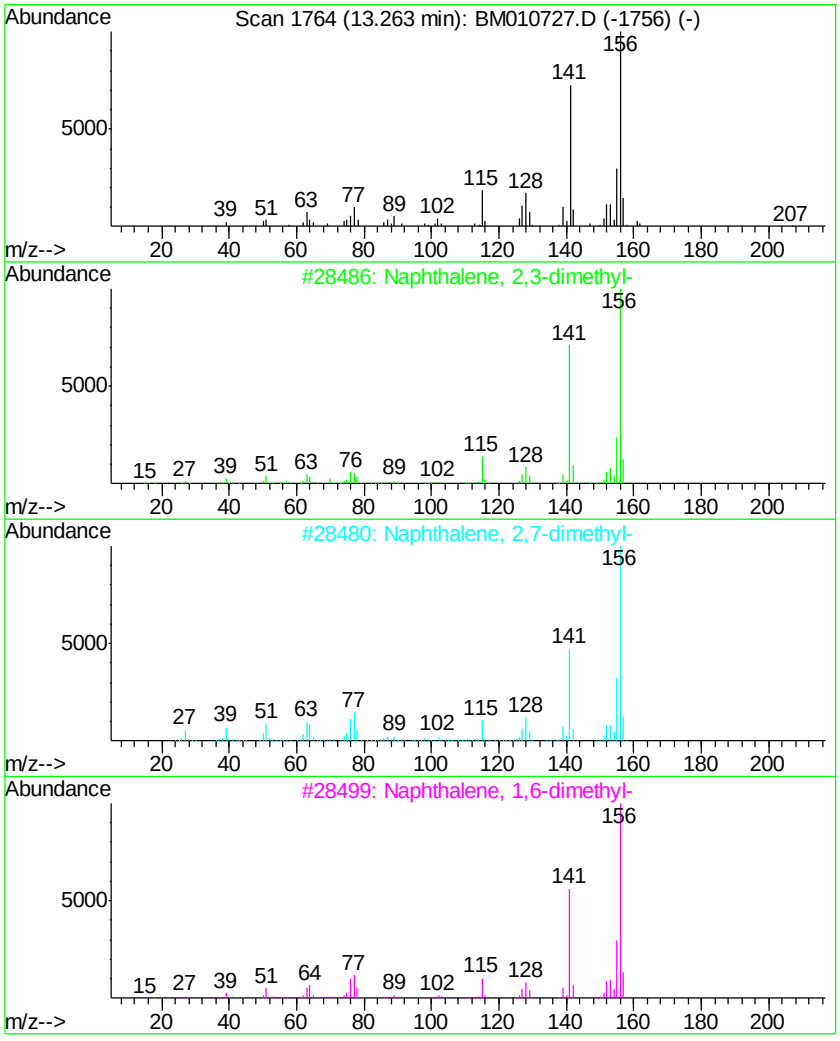
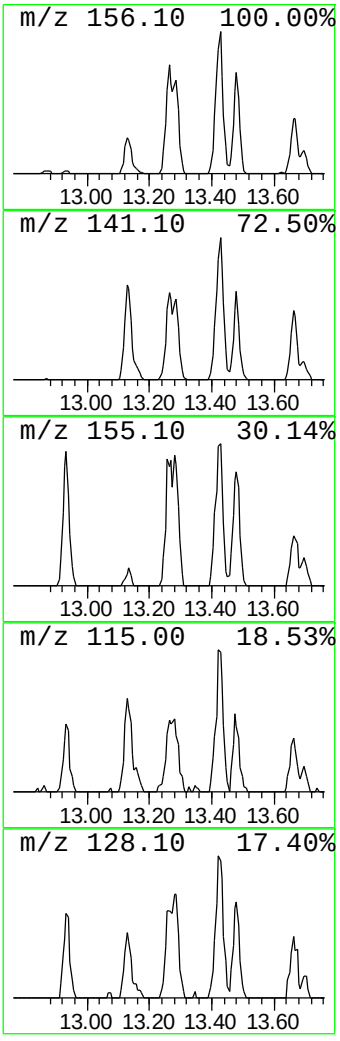
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.23 ng/ul	203538	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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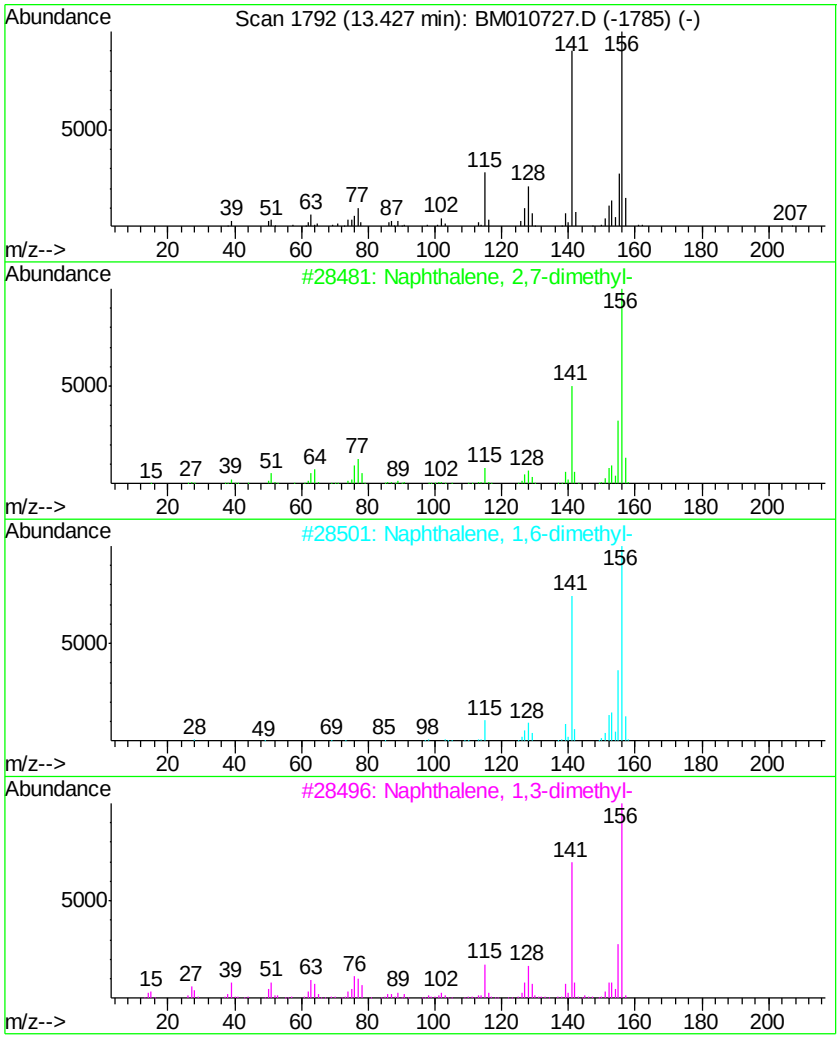
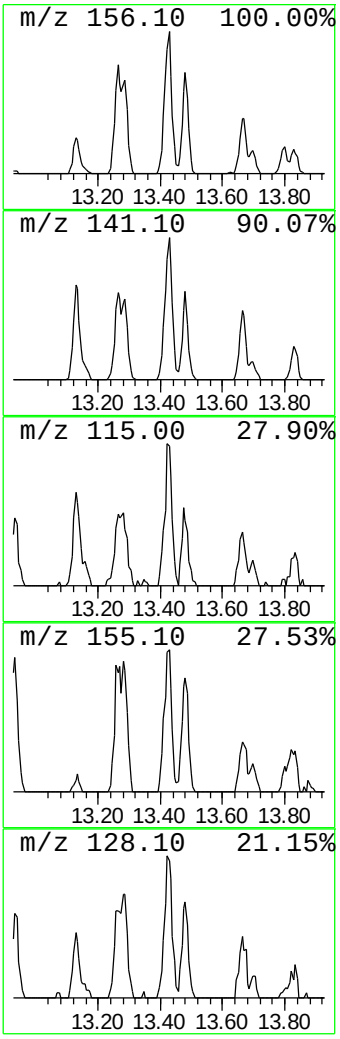
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	5.22 ng/ul	329326	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





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Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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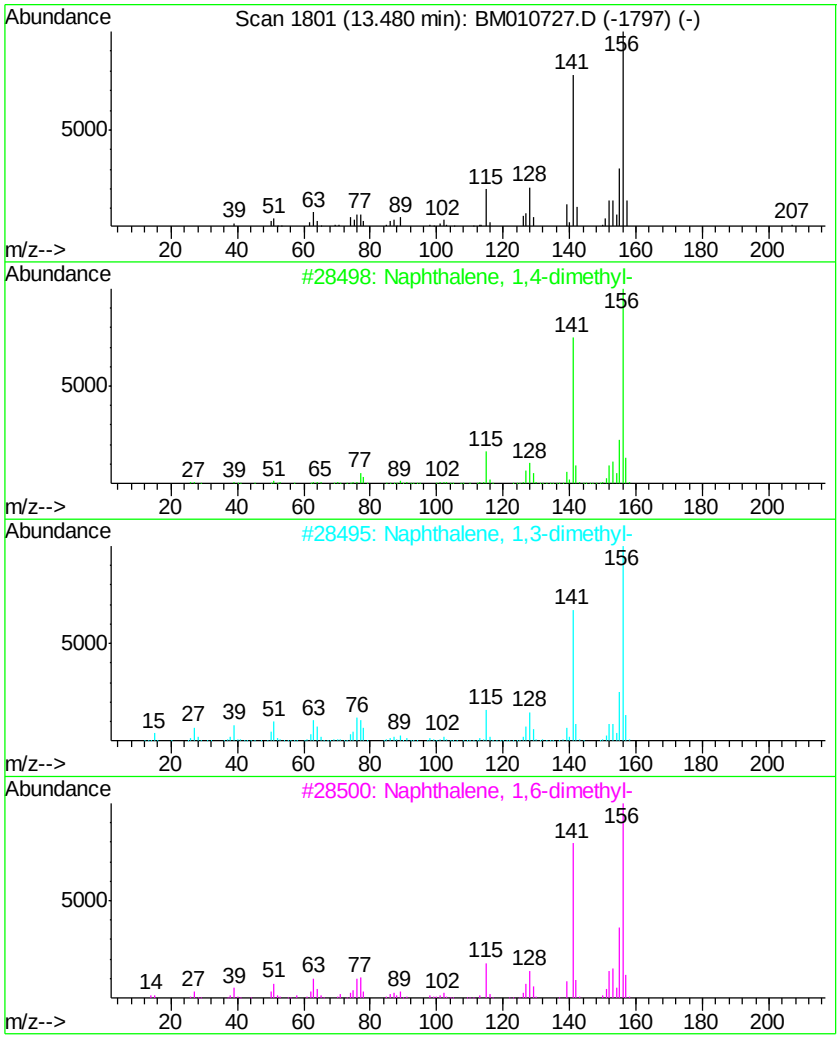
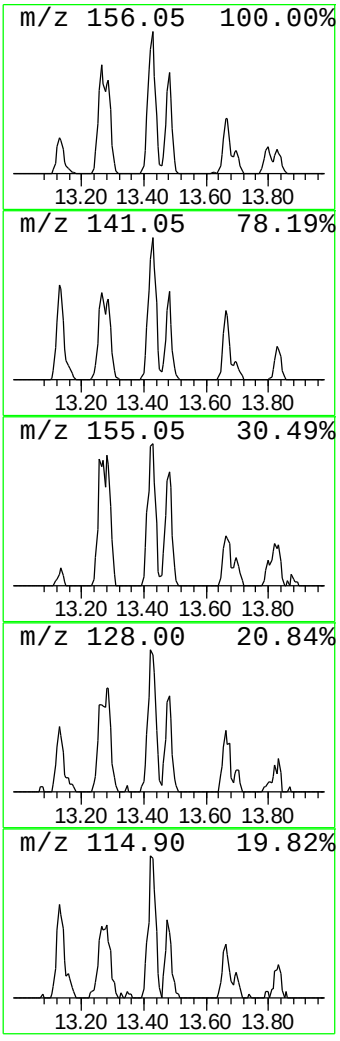
Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.66 ng/ul	167604	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





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Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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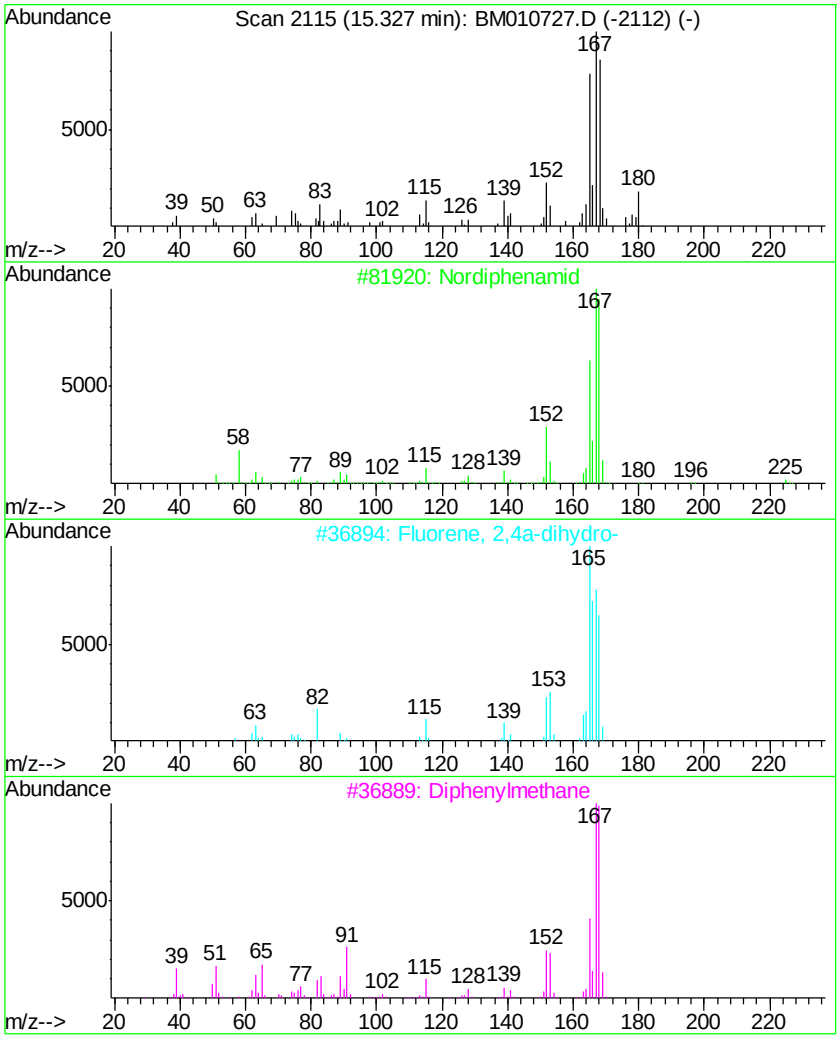
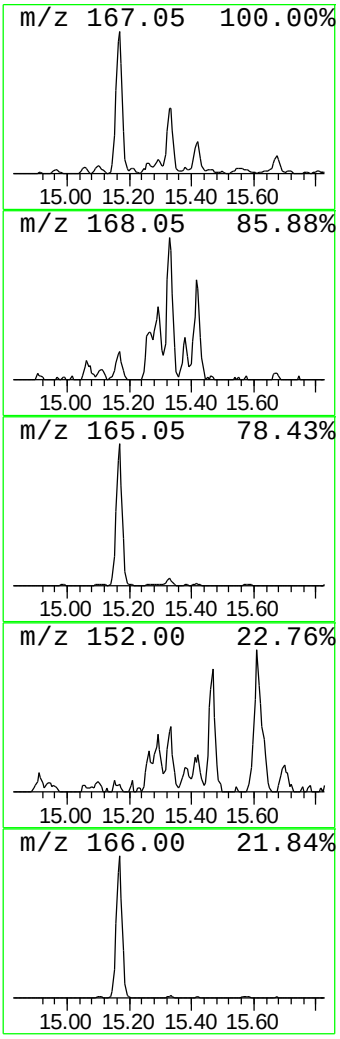
Peak Number 10 Nordiphenamid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.39 ng/ul	150682	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	72
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	55
3	Diphenylmethane	168	C13H12	000101-81-5	49
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46





Library Search Compound Report

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Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 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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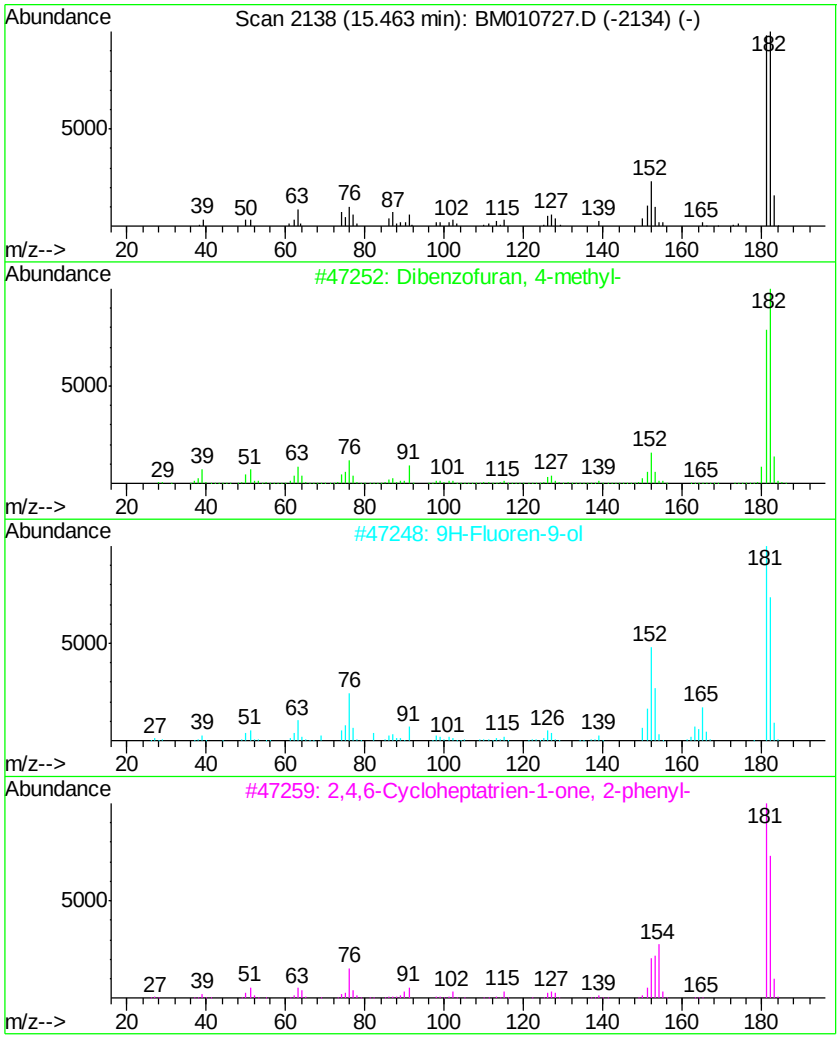
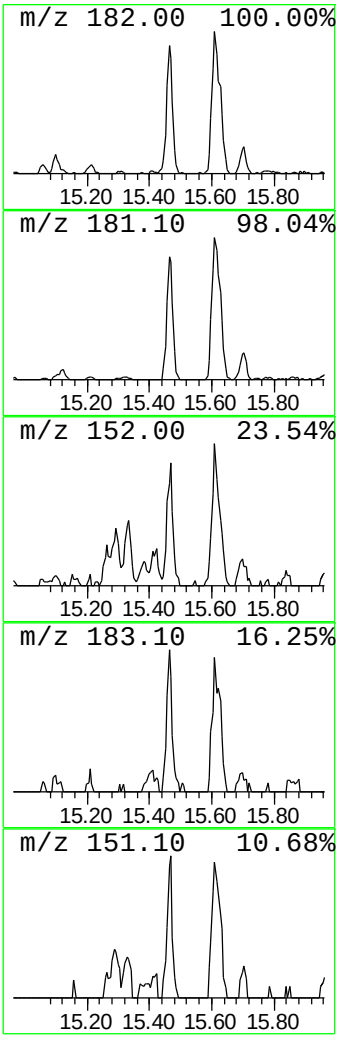
Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	3.36 ng/ul	211975	Acenaphthene-d10	14.11

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	91
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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Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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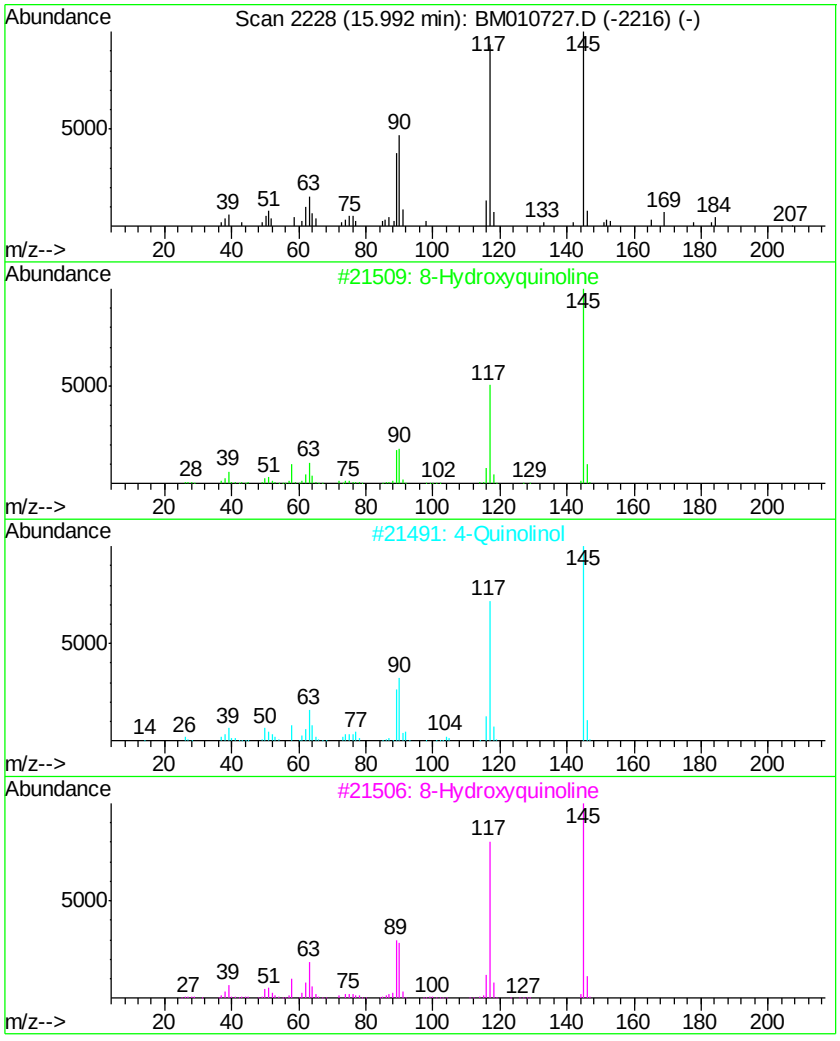
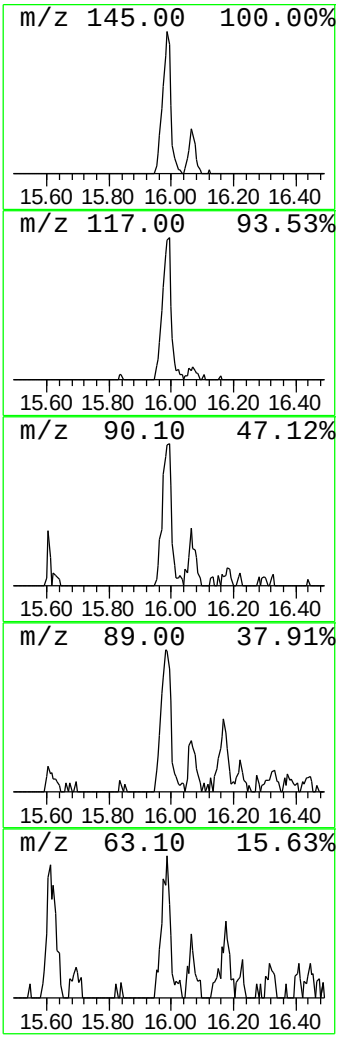
Peak Number 13 8-Hydroxyquinoline Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.23 ng/ul	175715	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	94
2	4-Quinolinol	145	C9H7NO	000611-36-9	94
3	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	91
4	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	90
5	5-Isoquinolinol	145	C9H7NO	002439-04-5	90





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Operator : SJ/JU
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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Quant Title : SVOA CALIBRATION

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

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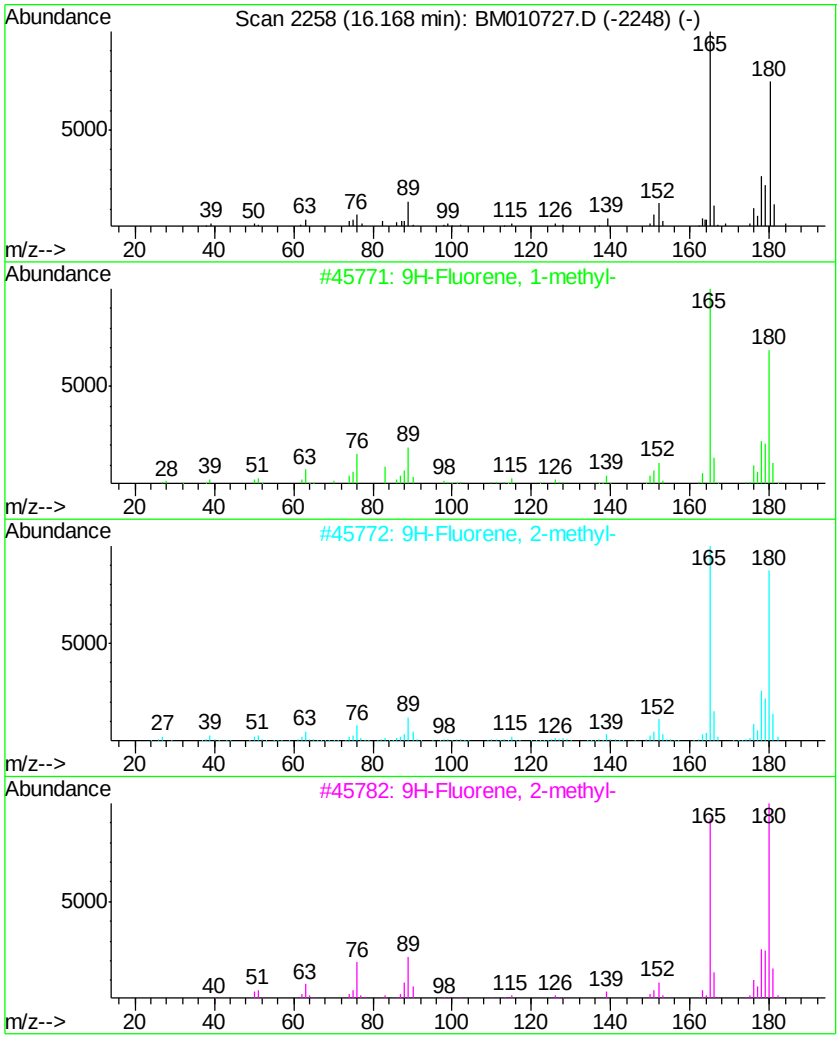
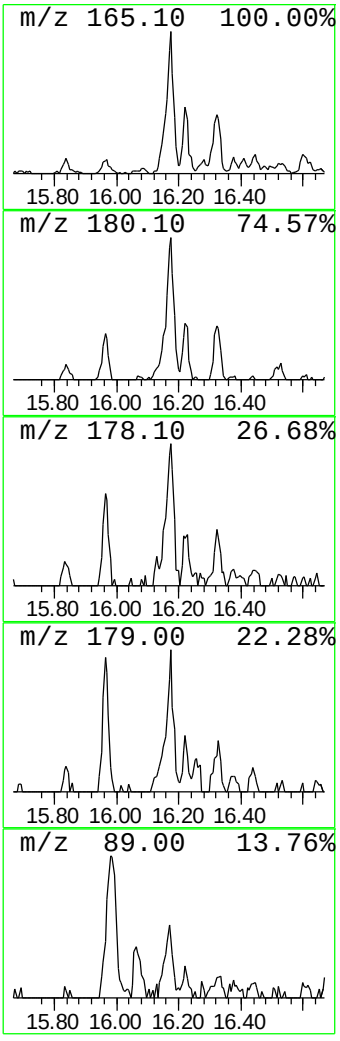
Peak Number 14 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.91 ng/ul	229402	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90





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Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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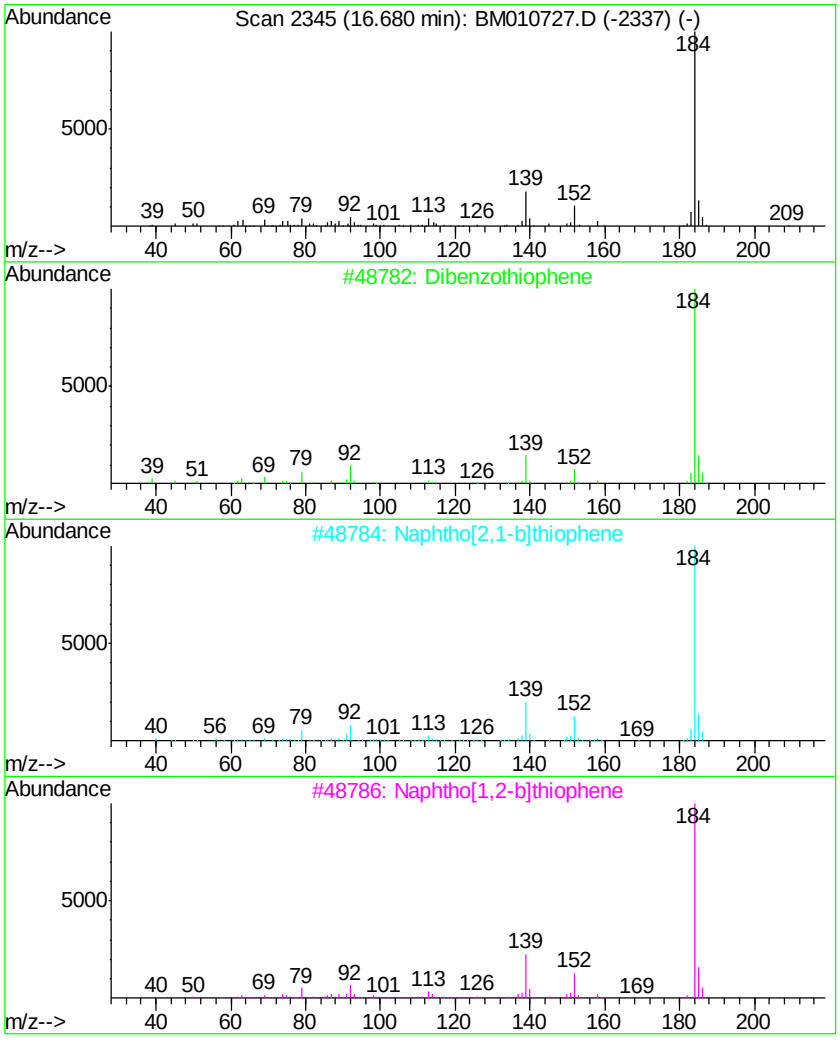
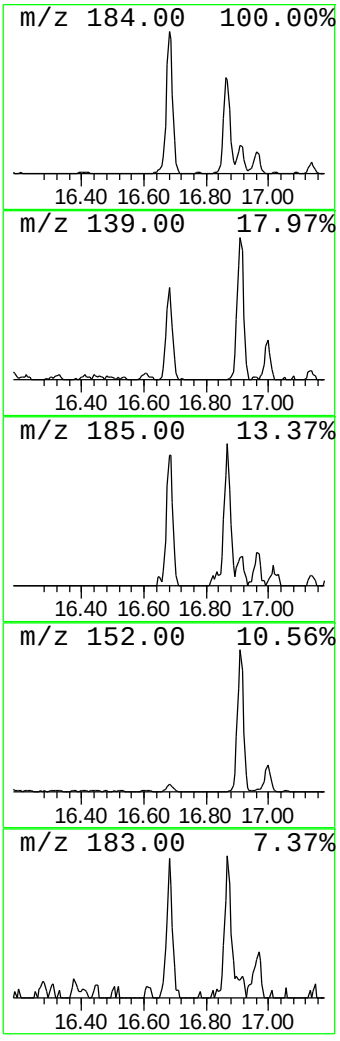
Peak Number 15 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	4.22 ng/ul	332135	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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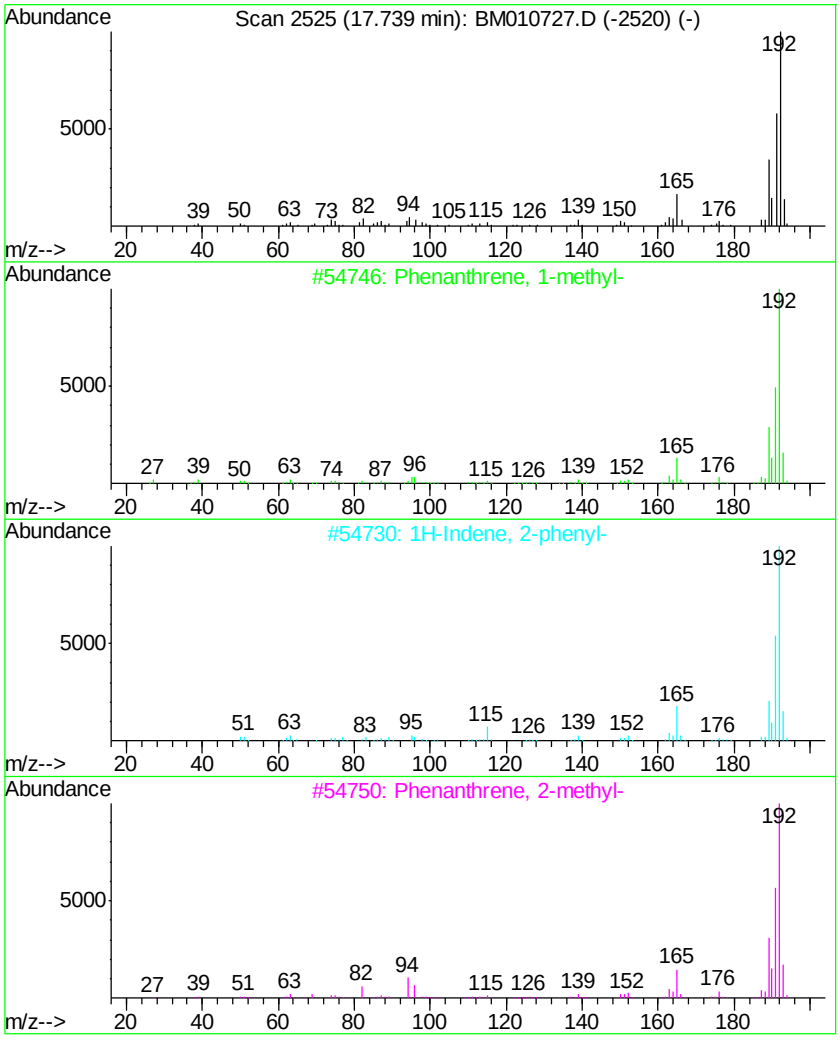
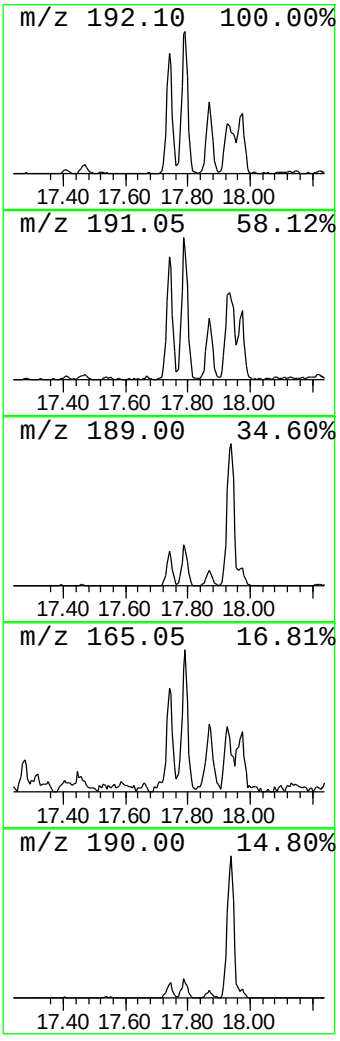
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	3.50 ng/ul	275846	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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Quant Title : SVOA CALIBRATION

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

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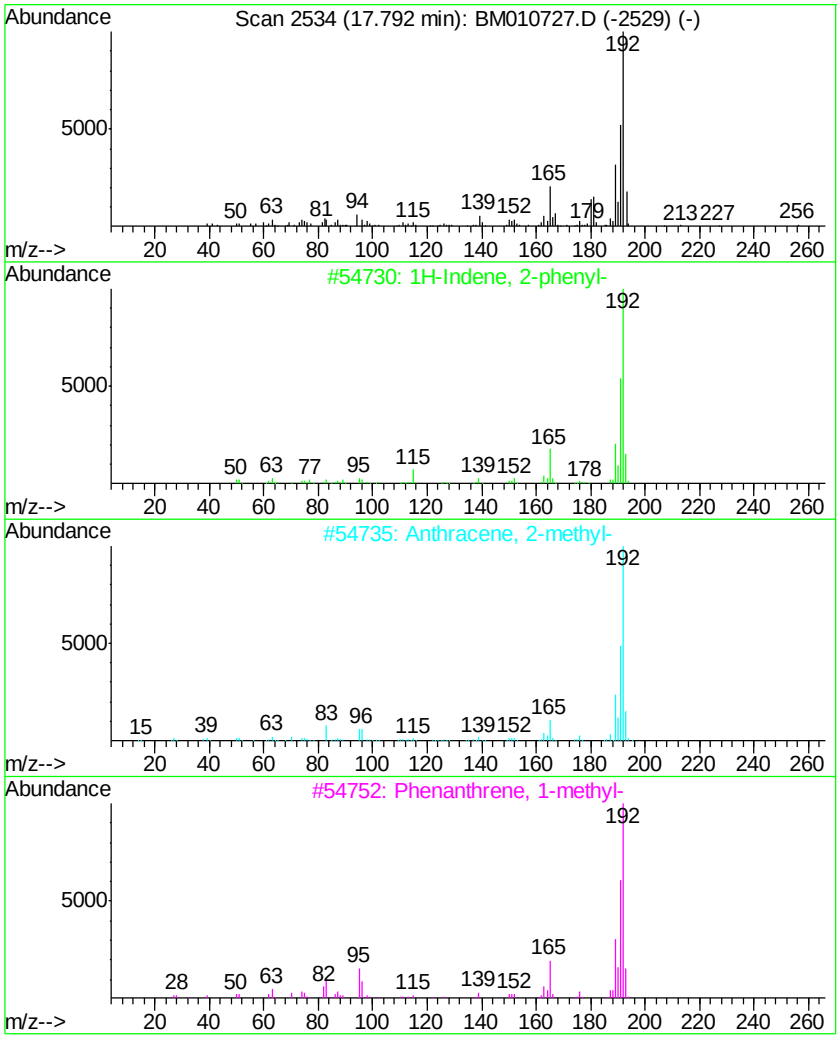
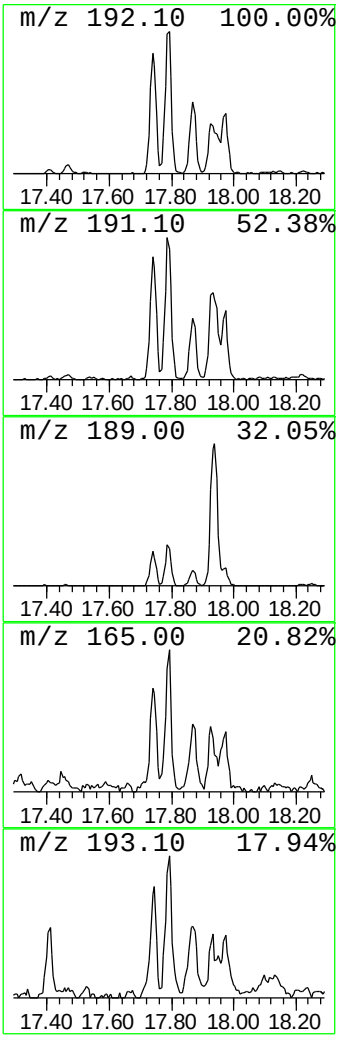
Peak Number 17 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	6.39 ng/ul	503242	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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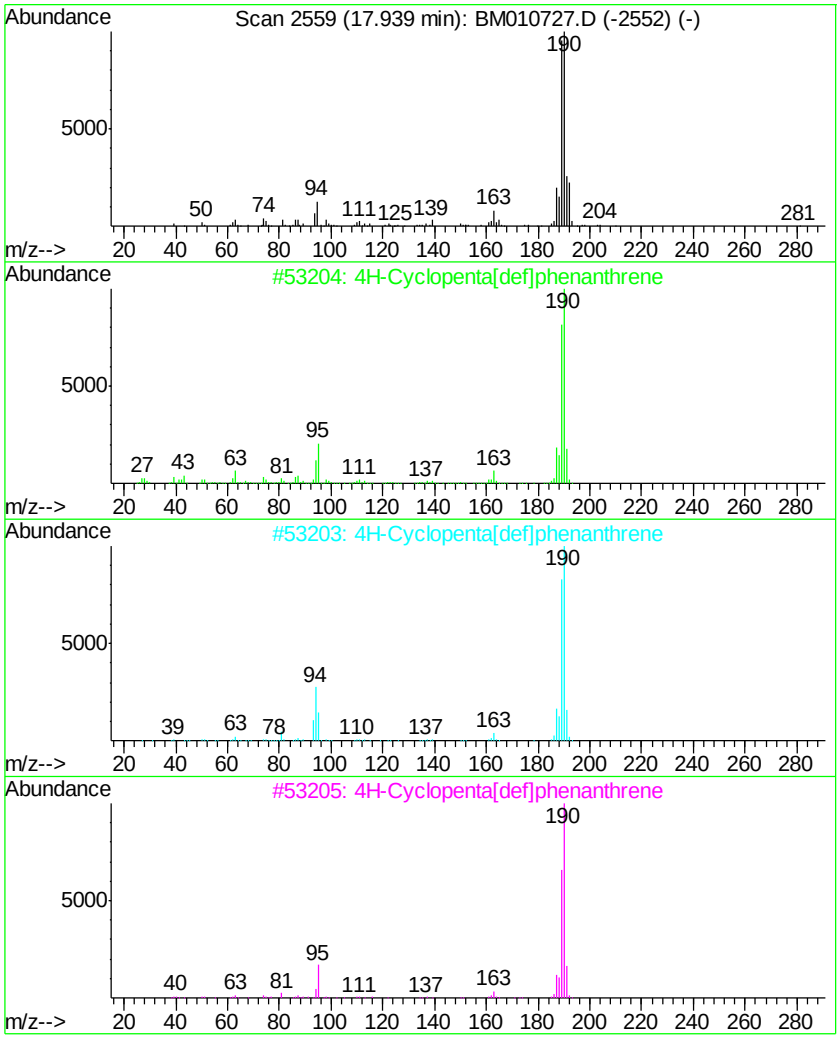
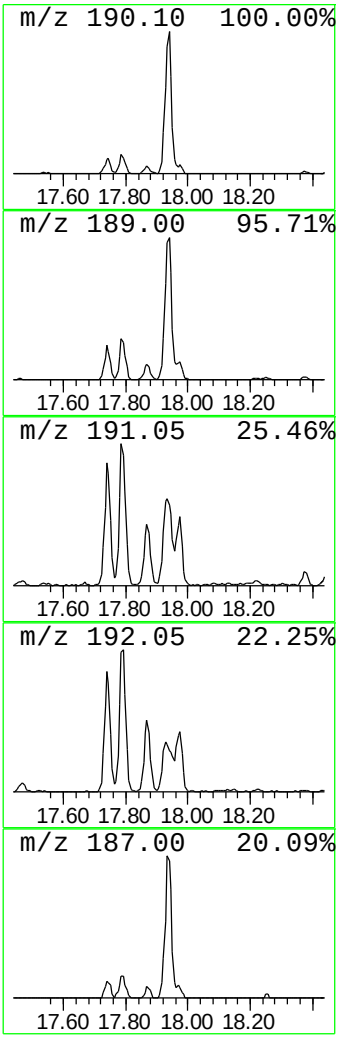
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	8.08 ng/ul	636248	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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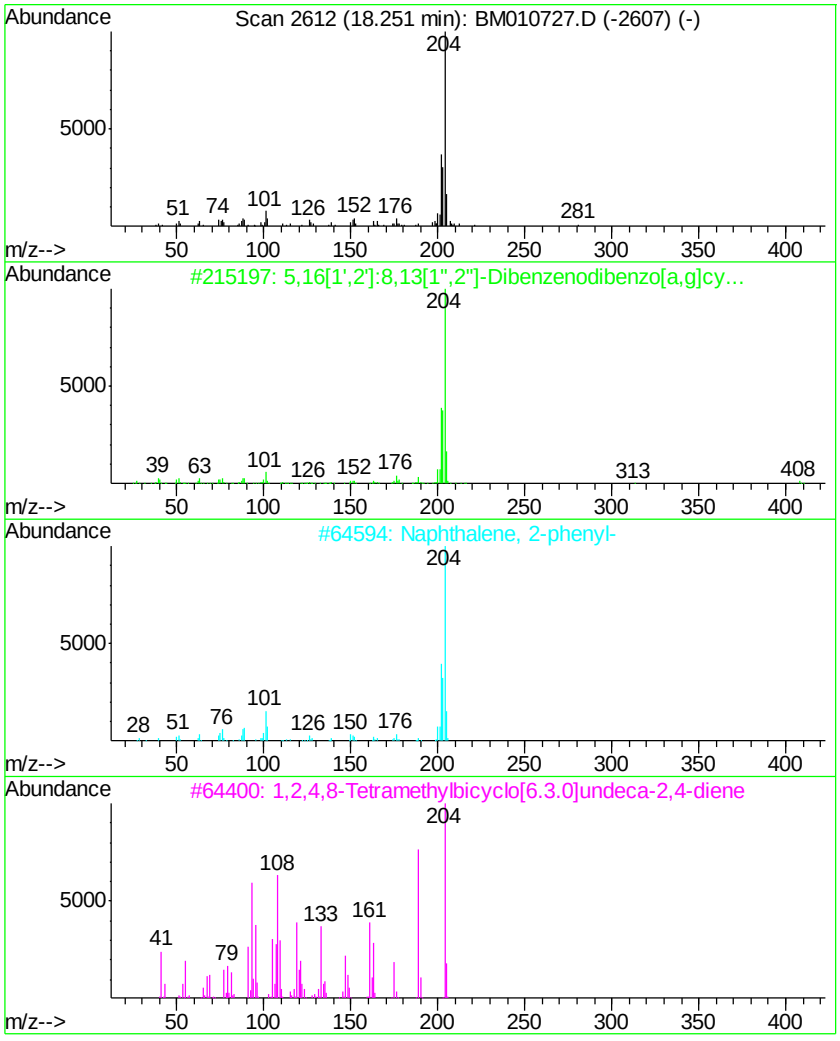
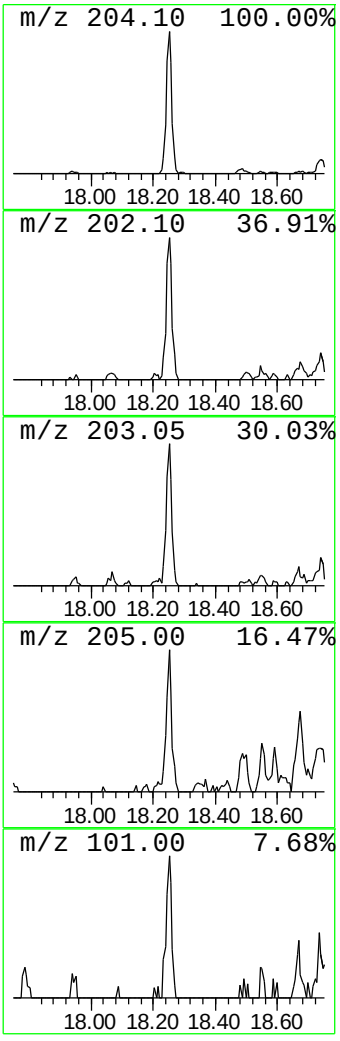
Peak Number 20 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.65 ng/ul	208471	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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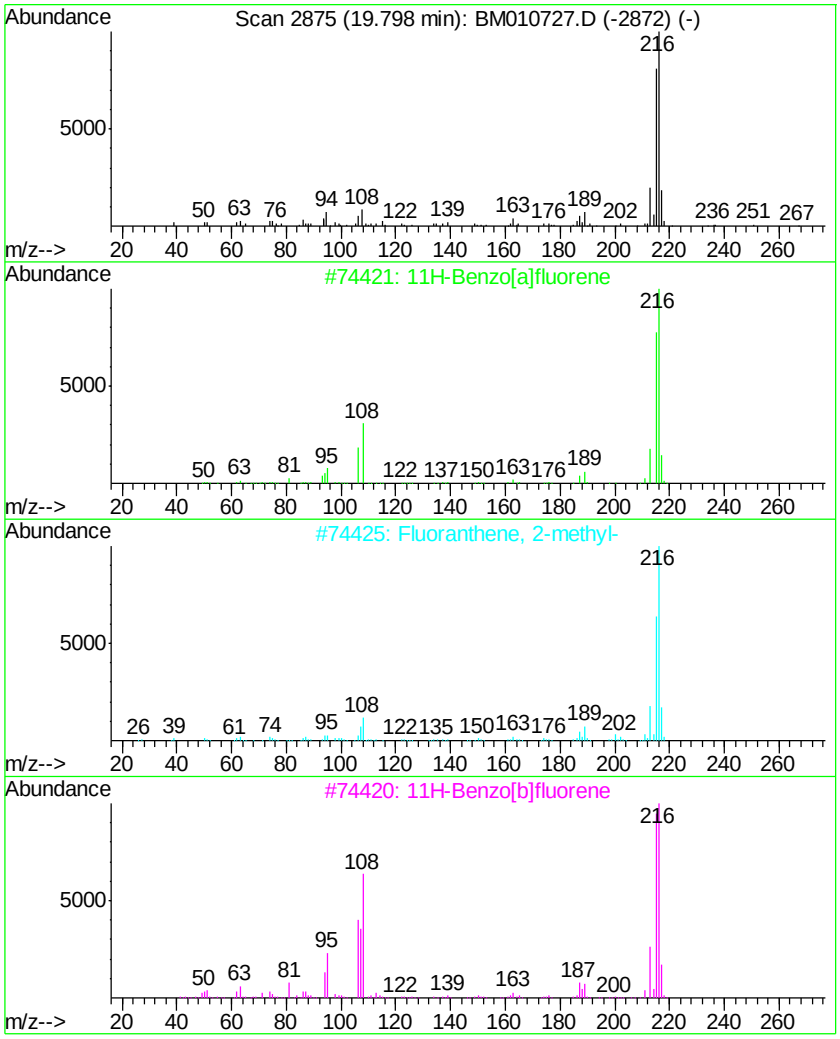
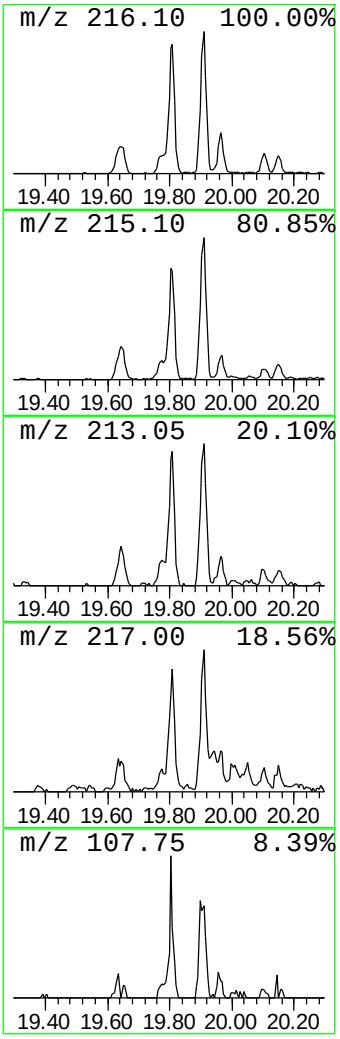
Peak Number 21 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.72 ng/ul	376865	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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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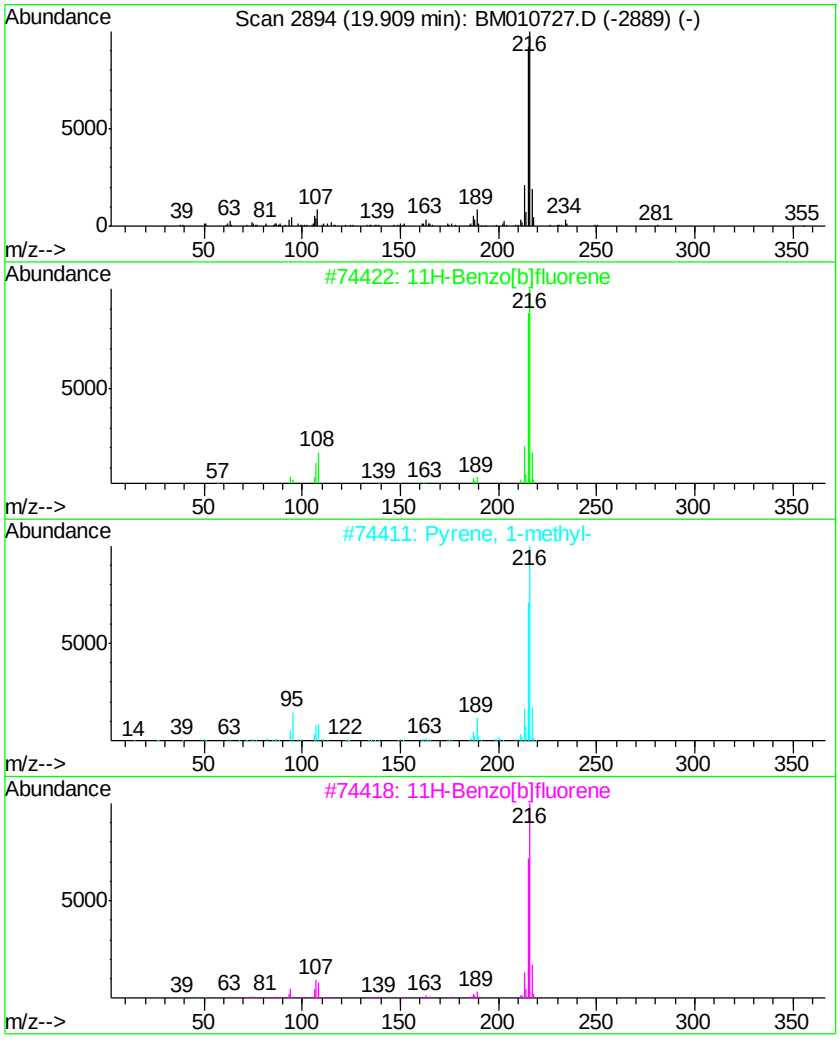
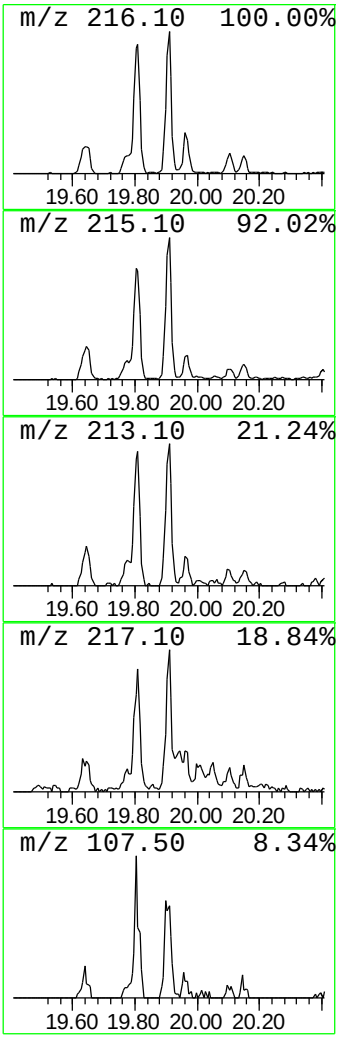
Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	3.14 ng/ul	434448	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

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	7.82	3.5	ng/ul	84213	1	7.46	484583	20.0
Benzene, 1-propynyl-	7.99	5.2	ng/ul	125110	1	7.46	484583	20.0
Benzene, 2-etheny...	9.63	2.1	ng/ul	79732	2	10.22	747275	20.0
Quinoline	11.05	5.7	ng/ul	213624	2	10.22	747275	20.0
Naphthalene, 1-me...	12.12	21.4	ng/ul	798364	2	10.22	747275	20.0
Naphthalene, 2-et...	13.13	2.2	ng/ul	137659	3	14.11	1261850	20.0
Naphthalene, 2,3-...	13.26	3.2	ng/ul	203538	3	14.11	1261850	20.0
Naphthalene, 2,7-...	13.43	5.2	ng/ul	329326	3	14.11	1261850	20.0
Naphthalene, 1,4-...	13.48	2.7	ng/ul	167604	3	14.11	1261850	20.0
Nordiphenamid	15.33	2.4	ng/ul	150682	3	14.11	1261850	20.0
Dibenzofuran, 4-m...	15.46	3.4	ng/ul	211975	3	14.11	1261850	20.0
8-Hydroxyquinoline	15.99	2.2	ng/ul	175715	4	16.87	1574070	20.0
9H-Fluorene, 1-me...	16.17	2.9	ng/ul	229402	4	16.87	1574070	20.0
Dibenzothiophene	16.68	4.2	ng/ul	332135	4	16.87	1574070	20.0
Phenanthrene, 1-m...	17.74	3.5	ng/ul	275846	4	16.87	1574070	20.0
1H-Indene, 2-phenyl-	17.79	6.4	ng/ul	503242	4	16.87	1574070	20.0
4H-Cyclopenta[def...	17.94	8.1	ng/ul	636248	4	16.87	1574070	20.0
5,16[1',2']:8,13[...	18.25	2.6	ng/ul	208471	4	16.87	1574070	20.0
11H-Benzo[a]fluorene	19.80	2.7	ng/ul	376865	5	21.08	2767560	20.0
11H-Benzo[b]fluorene	19.91	3.1	ng/ul	434448	5	21.08	2767560	20.0