LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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	6.169	552	558	564	rBB	262014	380608	1.66%	0.265%
2	7.457	771	777	783	rBV	314067	490492	2.14%	0.342%
3	7.828	833	840	846	rBB	393033	609379	2.66%	0.425%
4	7.987	857	867	874	rBV	575802	904721	3.95%	0.631%
5	9.634	1138	1147	1158	rBV8	156498	430003	1.88%	0.300%
6	10.228	1238	1248	1251	rBV	423065	810170	3.54%	0.565%
7	10.292	1251	1259	1265	rVV	13314392	22900903	100.00%	15.973%
8	10.392	1265	1276	1288	rVB	521588	958361	4.18%	0.668%
9	11.904	1521	1533	1539	rBV	4524021	7092397	30.97%	4.947%
10	12.122	1558	1570	1580	rVB	2036043	3155586	13.78%	2.201%
11	12.933	1700	1708	1716	rBV	975622	1413165	6.17%	0.986%
12	13.133	1735	1742	1752	rVB	312712	583090	2.55%	0.407%
13	13.269	1752	1765	1766	rBV	502912	796603	3.48%	0.556%
14	13.427	1783	1792	1797	rBV	751915	1286951	5.62%	0.898%
15	13.480	1797	1801	1806	rVB	480327	637963	2.79%	0.445%
16	13.663	1827	1832	1836	rBV	300165	463003	2.02%	0.323%
17	13.827	1856	1860	1866	rVB2	311879	485395	2.12%	0.339%
18	14.110	1899	1908	1914	rBV3	812847	1643510	7.18%	1.146%
19	14.180	1914	1920	1927	rVV	3748749	5472258	23.90%	3.817%
20	14.245	1927	1931	1939	rVB	177911	250721	1.09%	0.175%
21	14.321	1939	1944	1953	rBV2	109479	247278	1.08%	0.172%
22	14.427	1953	1962	1967	rVB2	174716	309829	1.35%	0.216%
23	14.516	1967	1977	1984	rVB	3115745	4463491	19.49%	3.113%
24	14.592	1984	1990	1995	rBV	166366	229327	1.00%	0.160%
25	14.733	2006	2014	2019	rBV3	121577	229466	1.00%	0.160%
26	15.110	2073	2078	2082	rVB3	152844	232679	1.02%	0.162%
27	15.174	2082	2089	2094	rBV	4061491	5832829	25.47%	4.068%
28	15.292	2106	2109	2112	rVV	199056	282230	1.23%	0.197%
29	15.327	2112	2115	2120	rVB	423752	589479	2.57%	0.411%
30	15.416	2127	2130	2134	rVB	201701	255141	1.11%	0.178%
31	15.463	2134	2138	2148	rVB	578511	859900	3.75%	0.600%
32	15.610	2148	2163	2172	rVB	642281	1355883	5.92%	0.946%
33	15.963	2217	2223	2230	rBV3	186343	318556	1.39%	0.222%
34	16.174	2248	2259	2264	rBV2	439195	908230	3.97%	0.633%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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	16.321	2279	2284	2290	rVB2	178289	307535	1.34%	0.214%
36	16.604	2326	2332	2338	rBV2	230698	439502	1.92%	0.307%
37	16.686	2338	2346	2356	rVB	848454	1378269	6.02%	0.961%
38	16.868	2367	2377	2380	rBV	950881	1553847	6.79%	1.084%
39	16.921	2380	2386	2391	rVV	13866684	19996363	87.32%	13.947%
40	17.004	2395	2400	2405	rVB	2162025	2807493	12.26%	1.958%
41	17.274	2441	2446	2450	rBV	1000884	1311734	5.73%	0.915%
42	17.445	2470	2475	2484	rVB4	105174	252103	1.10%	0.176%
43	17.745	2521	2526	2530	rBV	800104	1094162	4.78%	0.763%
44	17.792	2530	2534	2541	rVB	1251198	1674651	7.31%	1.168%
45	17.874	2541	2548	2553	rBV	503911	766184	3.35%	0.534%
46	17.939	2553	2559	2563	rBV2	1519886	2520664	11.01%	1.758%
47	17.974	2563	2565	2571	rVB	411216	464249	2.03%	0.324%
48	18.251	2608	2612	2617	rVB	616085	801617	3.50%	0.559%
49	18.674	2678	2684	2689	rBV2	276446	520517	2.27%	0.363%
50	18.739	2690	2695	2698	rBV2	172731	253522	1.11%	0.177%
51	18.945	2723	2730	2737	rBV	8325596	11428384	49.90%	7.971%
52	19.186	2766	2771	2775	rBV	225040	319973	1.40%	0.223%
53	19.309	2782	2792	2796	rBV2	5105817	8991242	39.26%	6.271%
54	19.380	2800	2804	2812	rVB2	303189	526393	2.30%	0.367%
55	19.486	2812	2822	2828	rBV	363498	597429	2.61%	0.417%
56	19.645	2839	2849	2853	rBV2	296771	785989	3.43%	0.548%
57	19.686	2853	2856	2860	rVB	185587	230500	1.01%	0.161%
58	19.774	2865	2871	2872	rVV3	230944	368883	1.61%	0.257%
59	19.809	2872	2877	2882	rVB	1120730	1522260	6.65%	1.062%
60	19.909	2889	2894	2898	rBV	1256941	1571389	6.86%	1.096%
61	19.962	2898	2903	2908	rVV2	401403	677690	2.96%	0.473%
62	20.151	2931	2935	2940	rBV2	158715	276065	1.21%	0.193%
63	20.521	2993	2998	3003	rBV3	162281	301999	1.32%	0.211%
64	20.727	3026	3033	3036	rBV	351483	474678	2.07%	0.331%
65	20.762	3036	3039	3043	rVV	282316	391224	1.71%	0.273%
66	20.803	3043	3046	3051	rVB2	169761	299838	1.31%	0.209%
67	21.074	3085	3092	3097	rVV3	2445652	4862398	21.23%	3.391%
68	21.115	3097	3099	3107	rVB	1289696	1624126	7.09%	1.133%
69	21.233	3116	3119	3123	rBV	356737	398519	1.74%	0.278%
70	21.392	3141	3146	3152	rBV2	196692	348429	1.52%	0.243%
71	21.621	3179	3185	3188	rVV	206090	320990	1.40%	0.224%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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	21.839	3219	3222	3227	rVB3	194724	256067	1.12%	0.179%
73	22.586	3344	3349	3360	rBV	514740	1460455	6.38%	1.019%
74	23.033	3420	3425	3430	rBV	202546	342933	1.50%	0.239%
75	23.127	3436	3441	3449	rVB	369226	680209	2.97%	0.474%
76	23.221	3450	3457	3462	rBV	742523	1293120	5.65%	0.902%

Sum of corrected areas: 143373191

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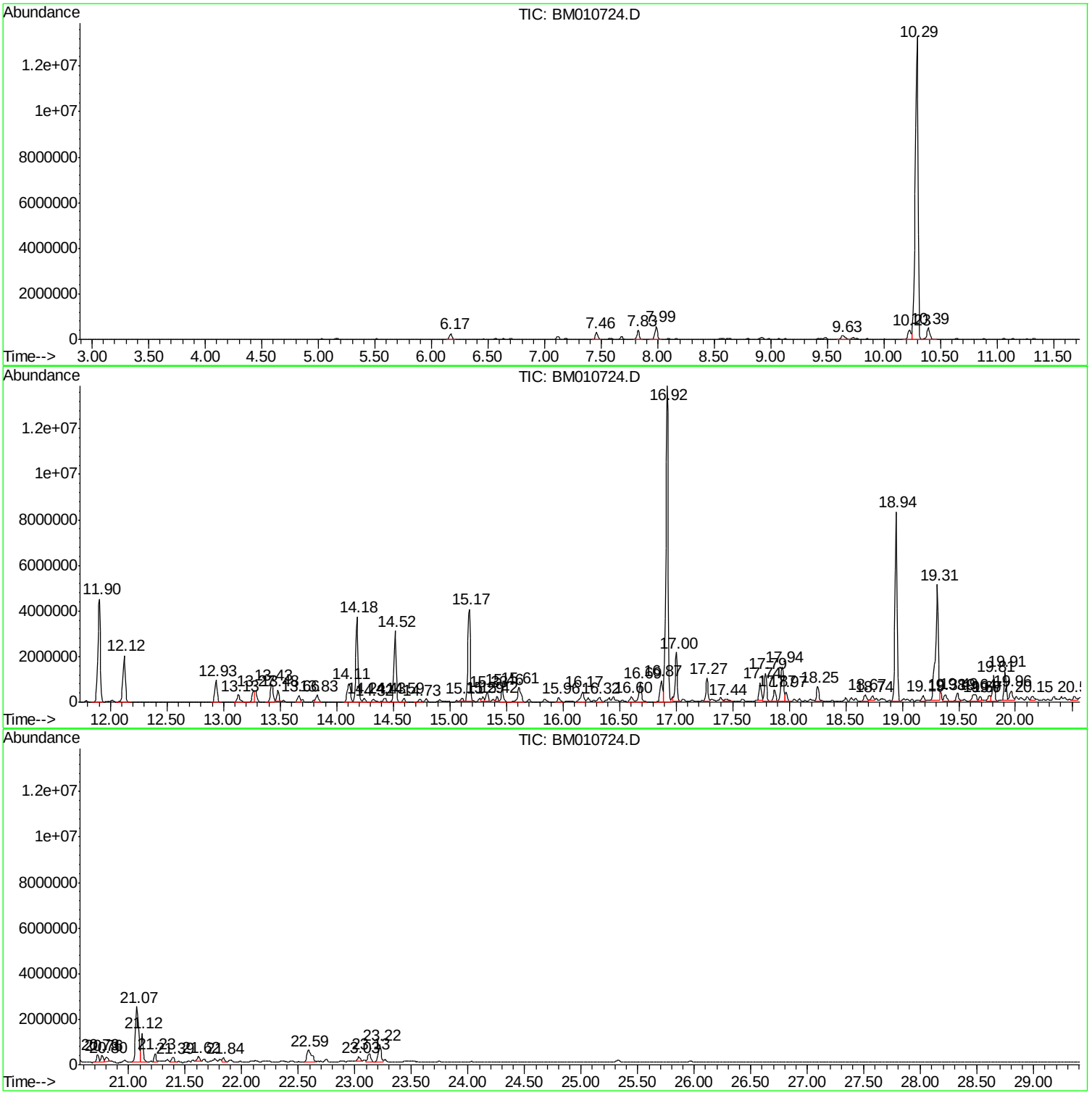
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B22ME

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\
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Sample : I3653-05ME 10X
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

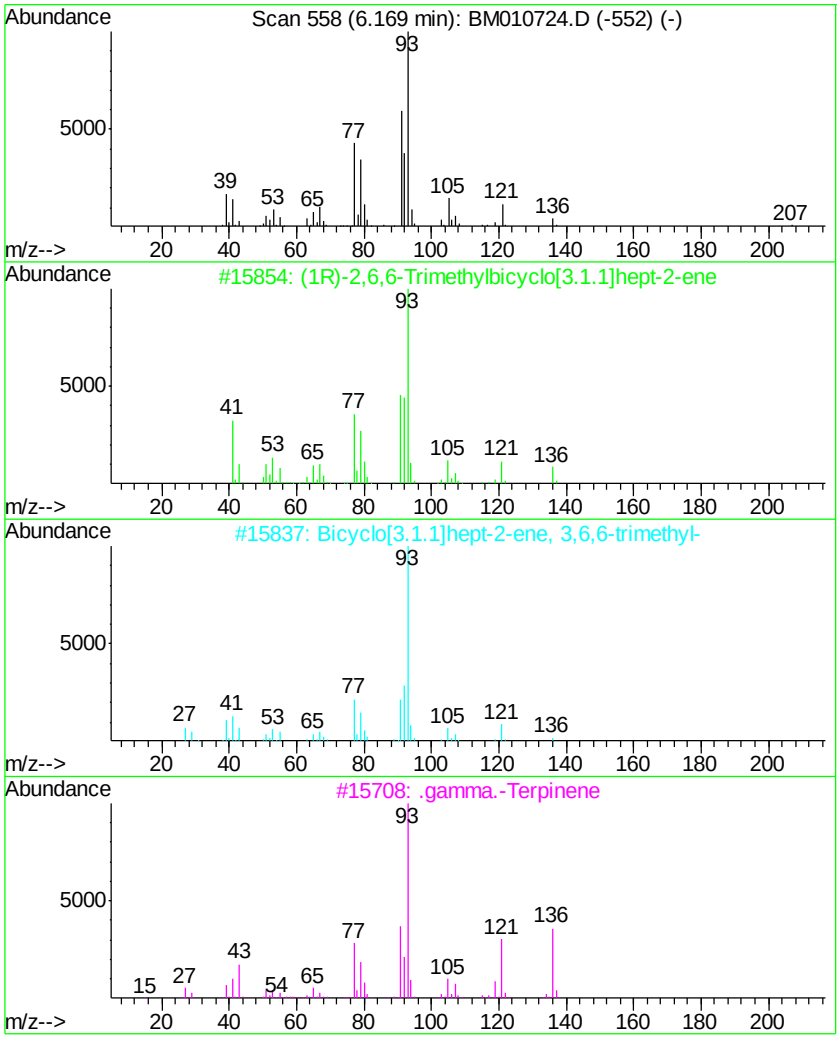
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

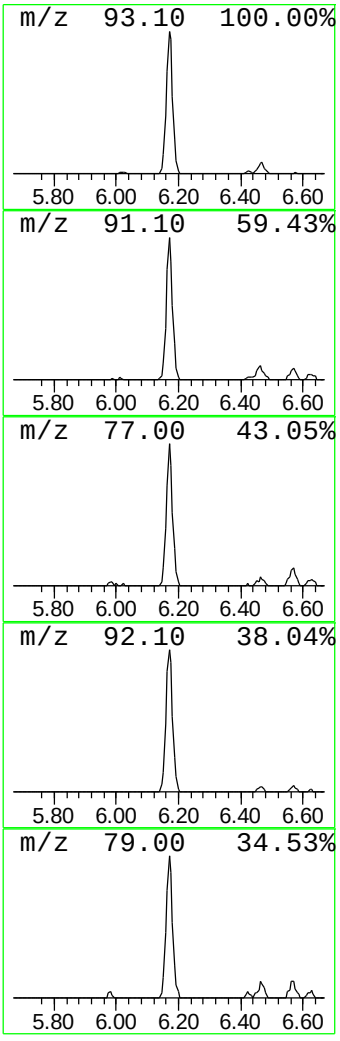
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	15.52 ng/ul	380608	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3	.gamma.-Terpinene	136	C10H16	000099-85-4	91
4	.gamma.-Terpinene	136	C10H16	000099-85-4	90
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90





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Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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

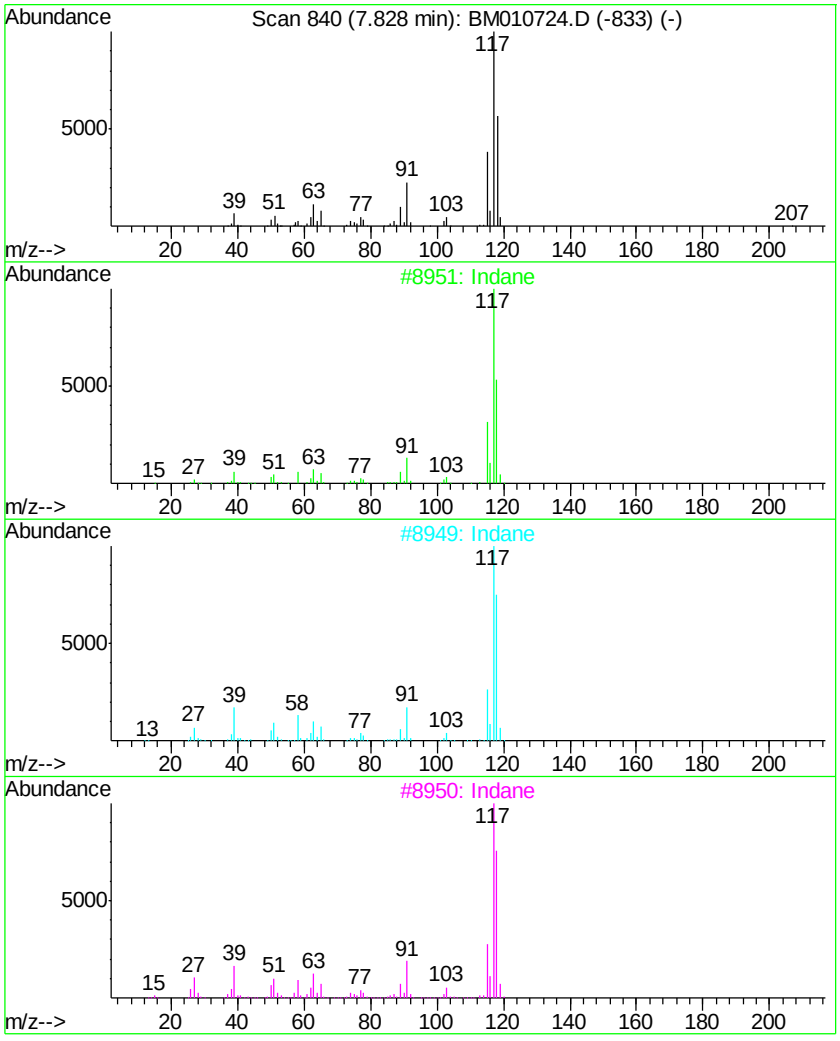
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

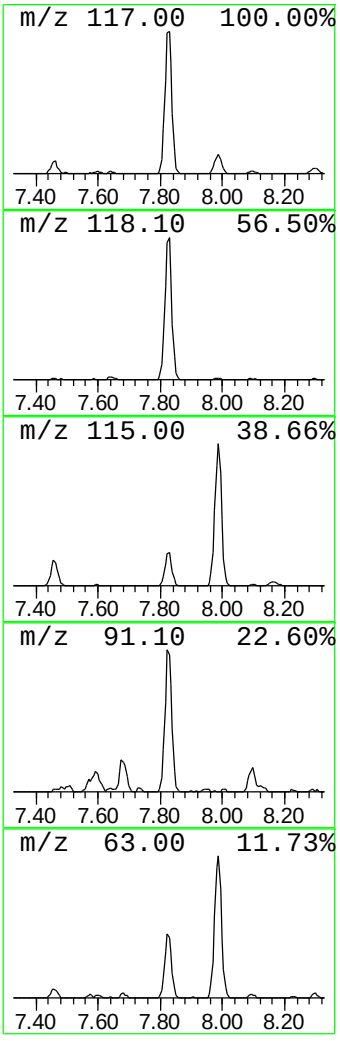
****

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	24.85 ng/ul	609379	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	81
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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

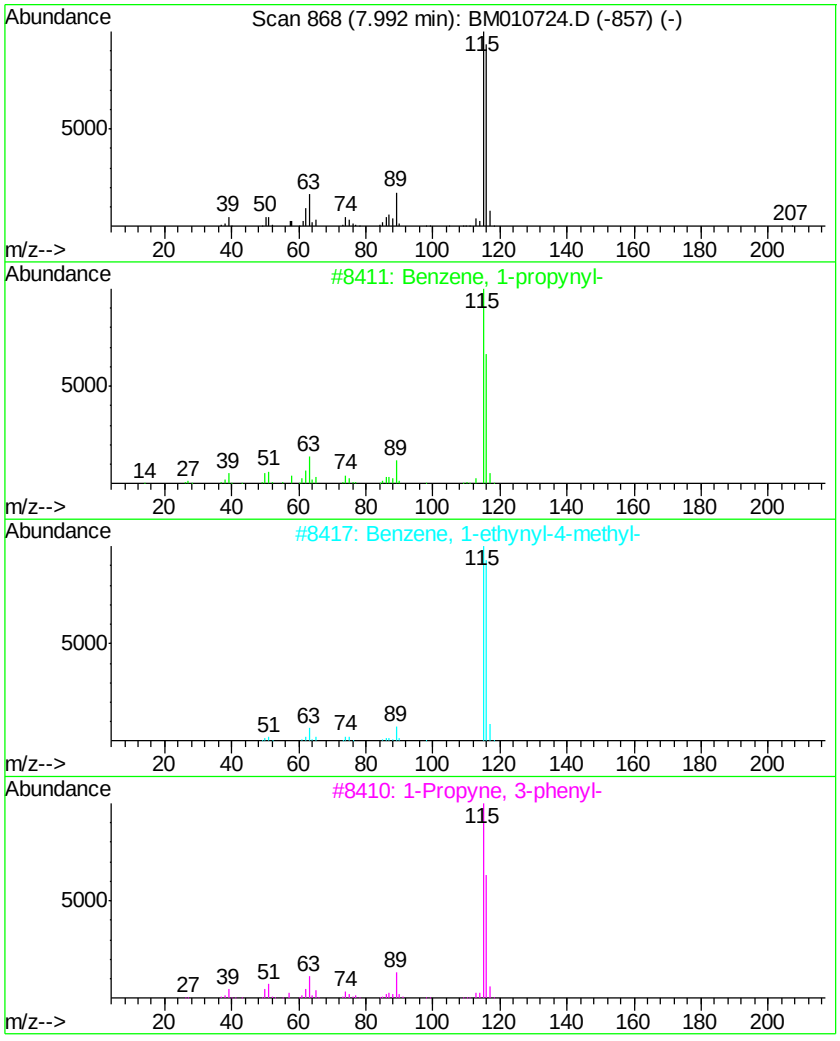
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

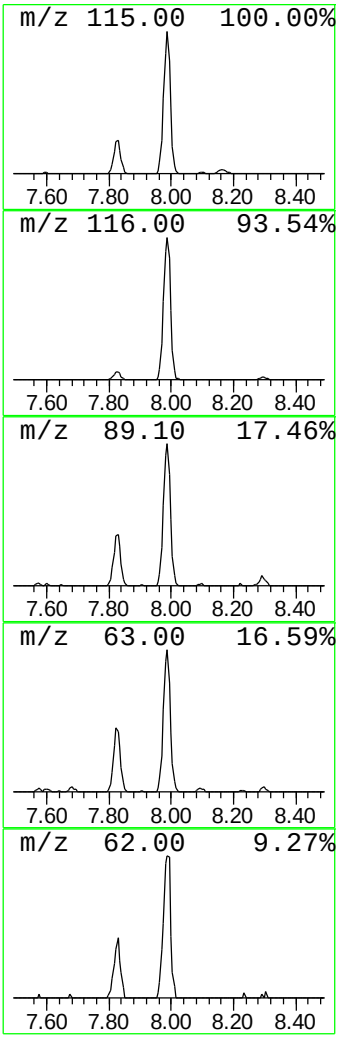
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	36.89 ng/ul	904721	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	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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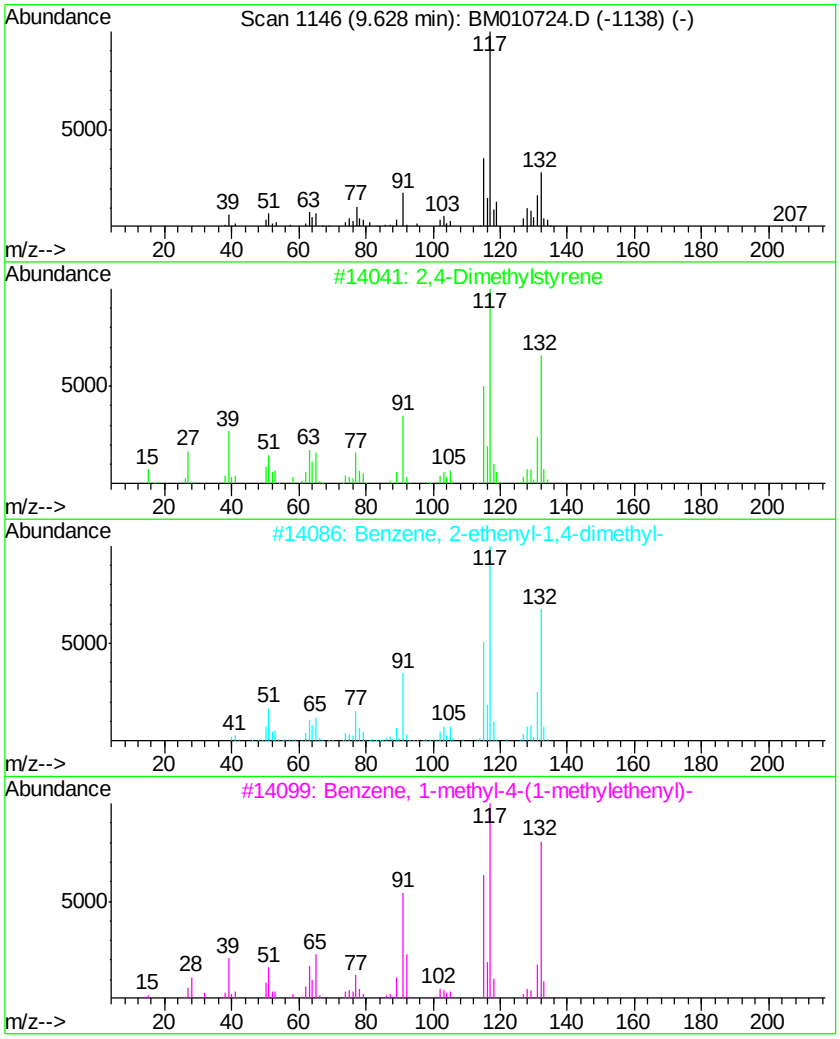
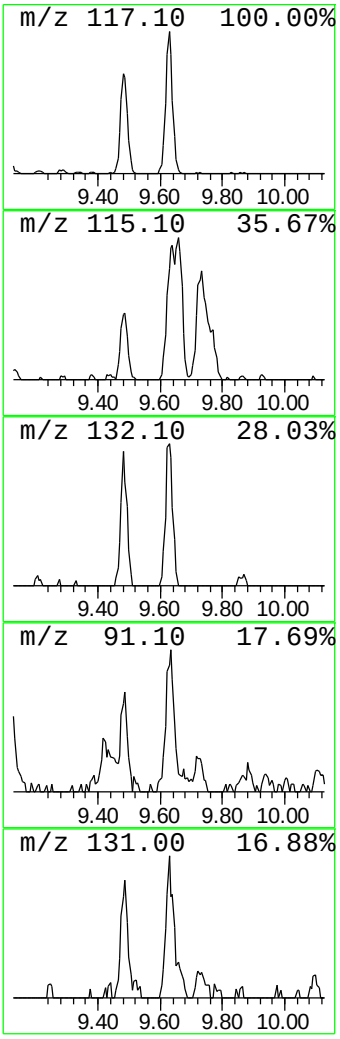
Peak Number 4 2,4-Dimethylstyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	10.62 ng/ul	430003	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	81
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	76
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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

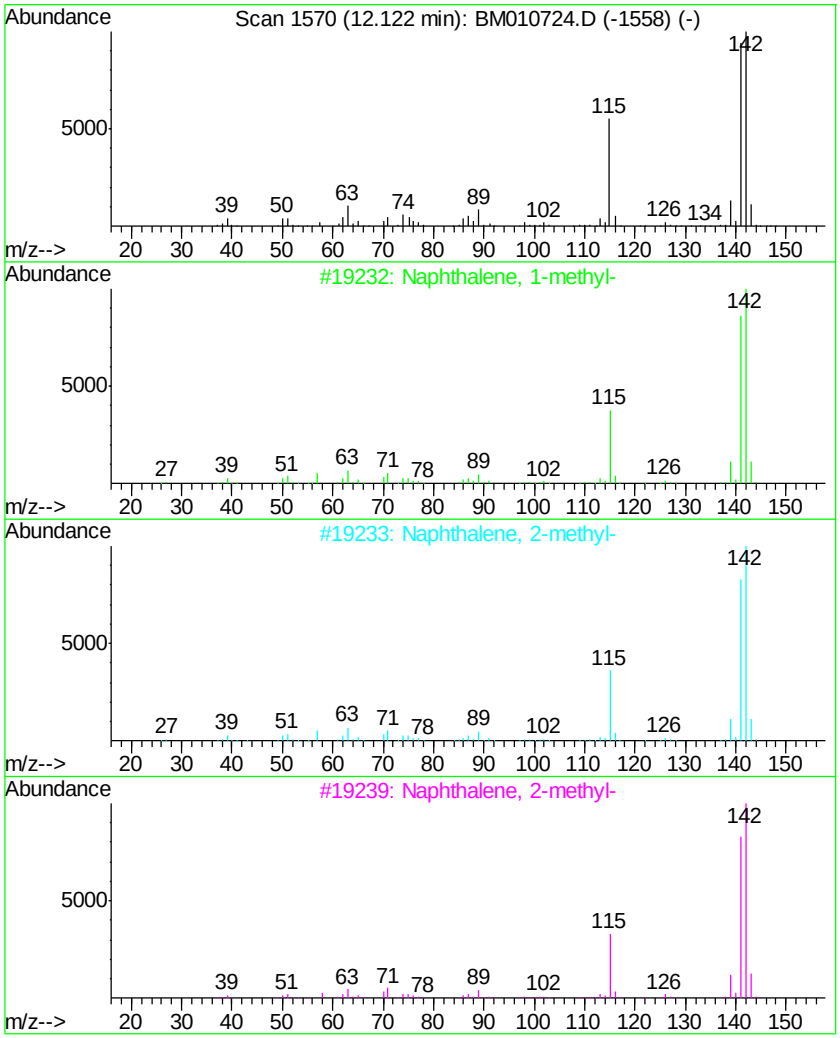
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

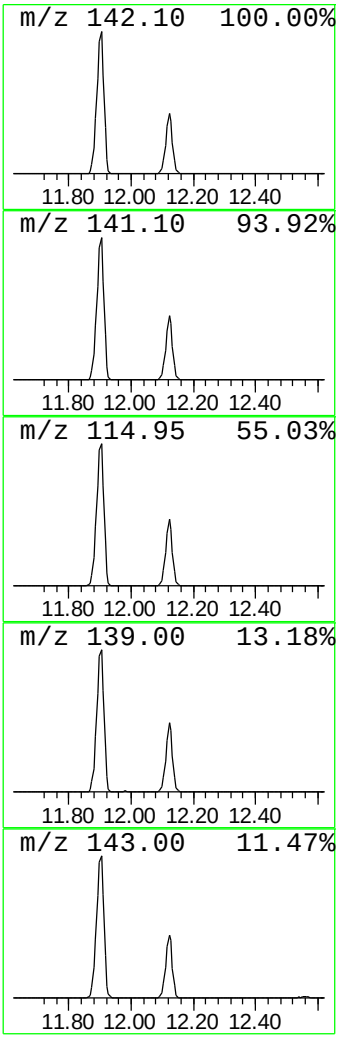
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	77.90 ng/ul	3155590	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	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





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Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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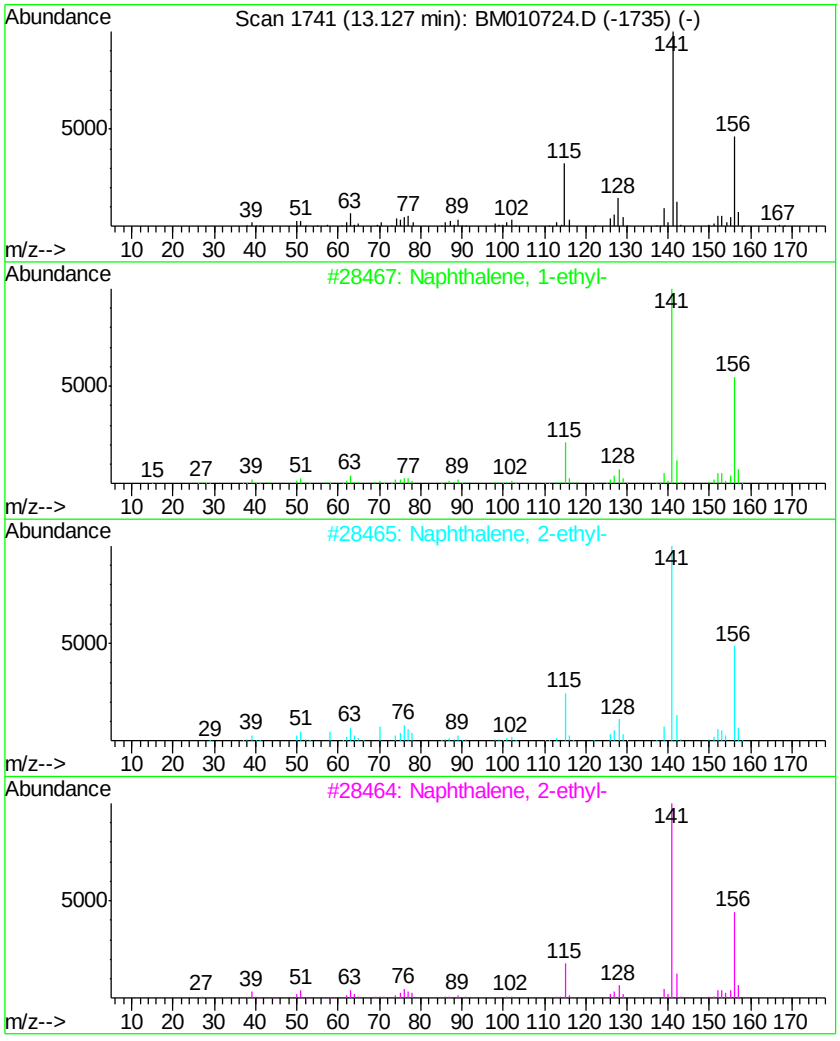
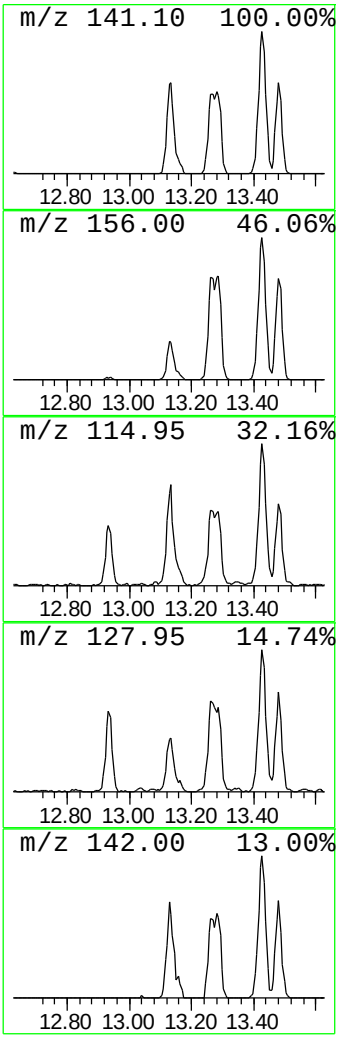
Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	7.10 ng/ul	583090	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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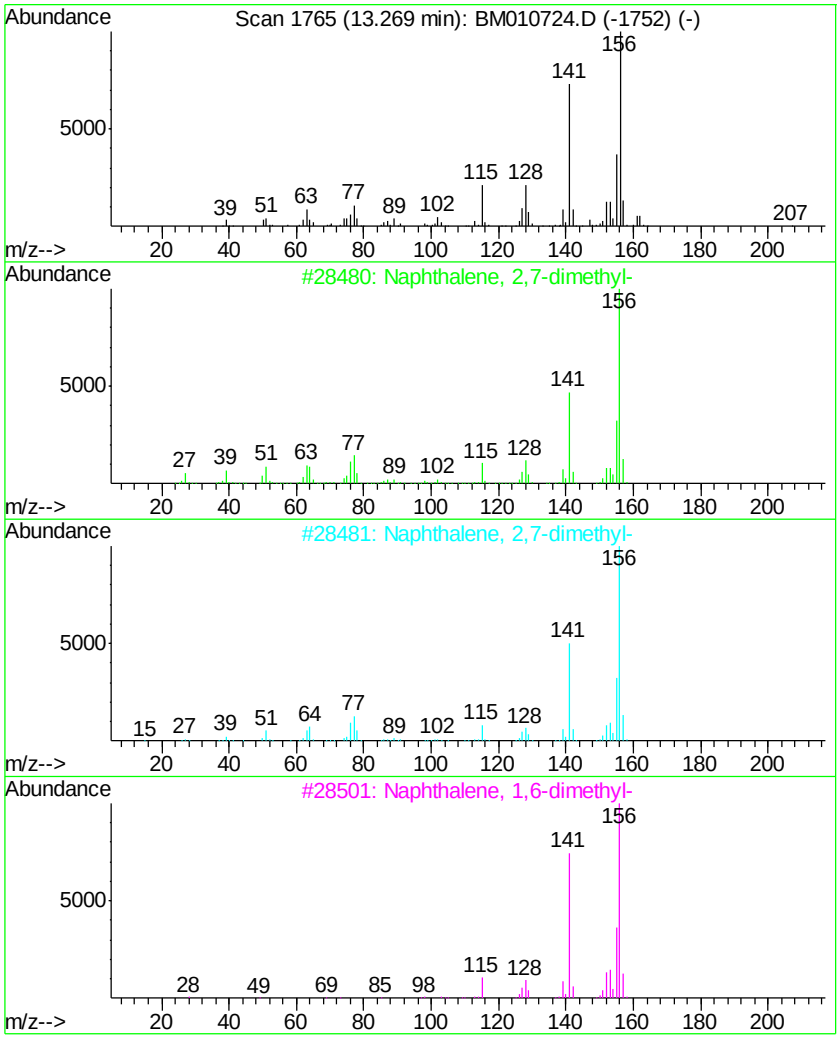
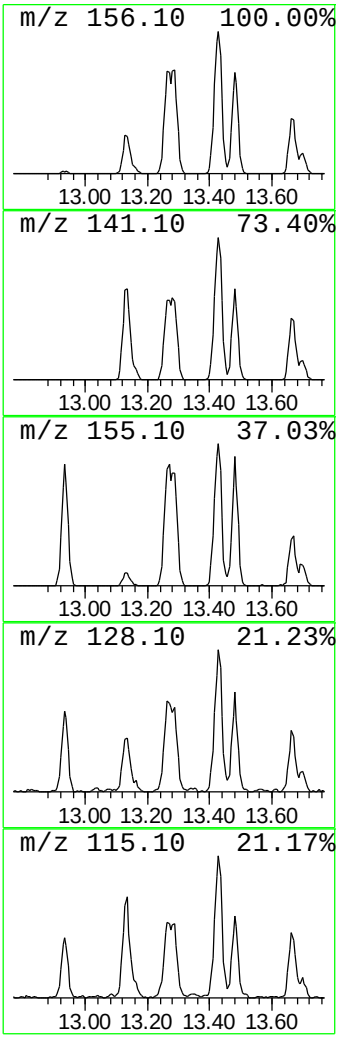
Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	9.69 ng/ul	796603	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, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





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Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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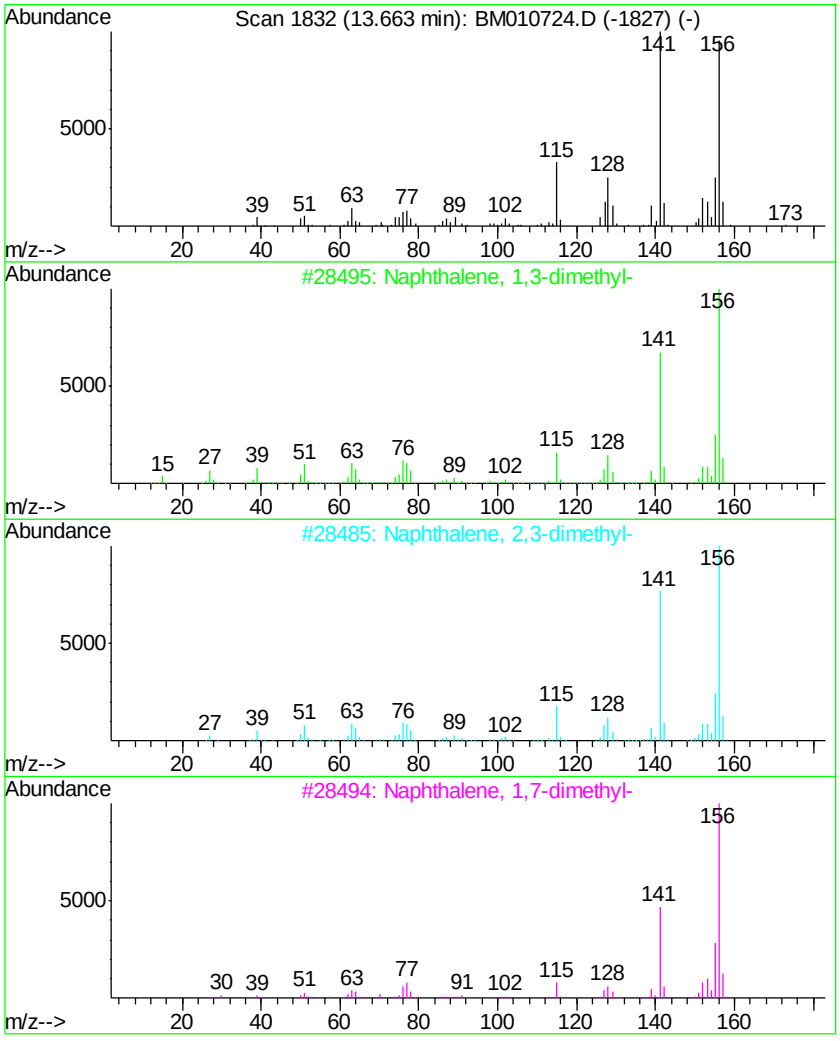
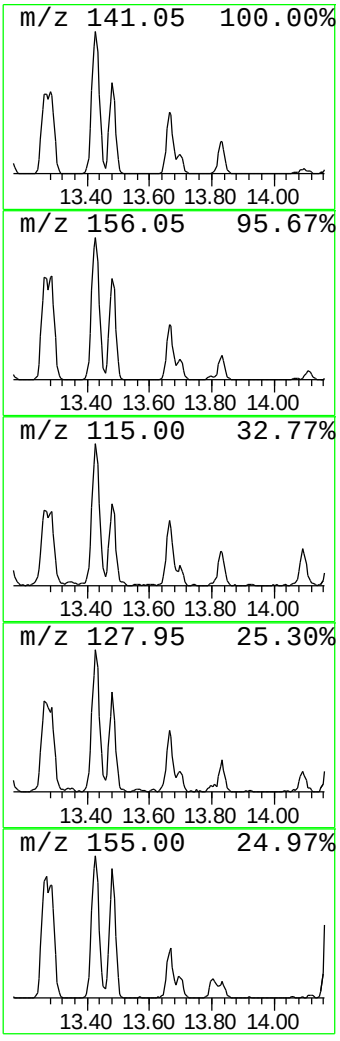
Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	5.63 ng/ul	463003	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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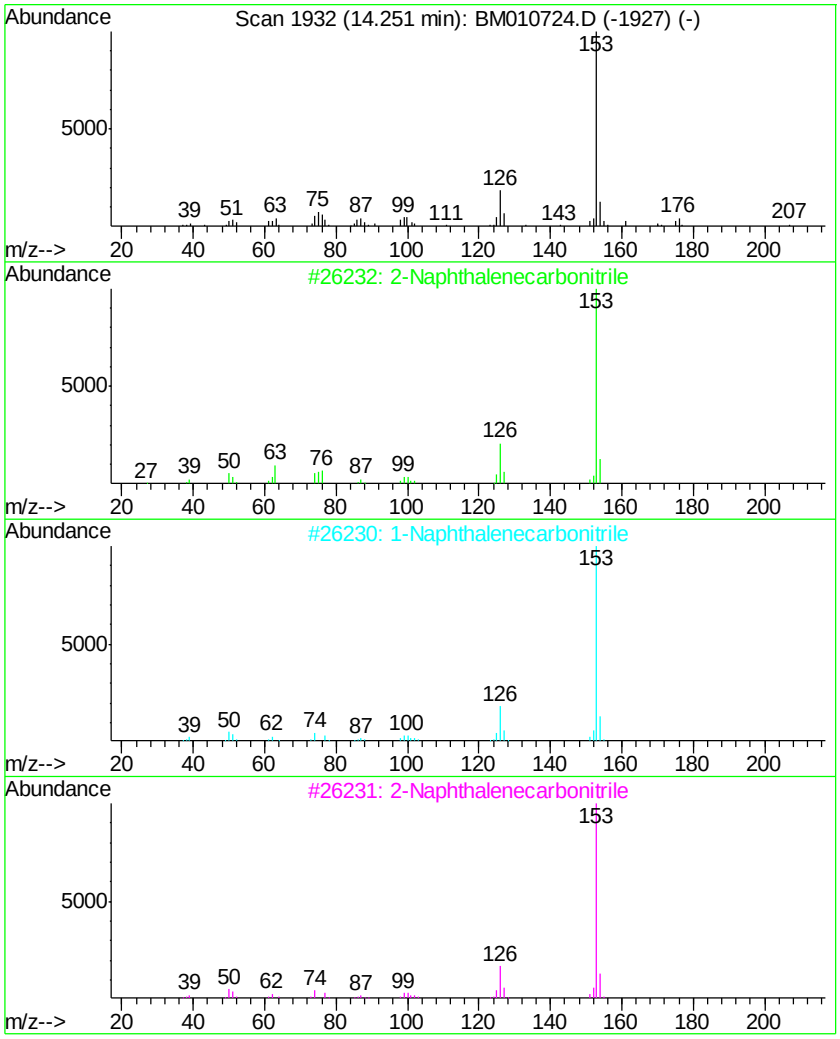
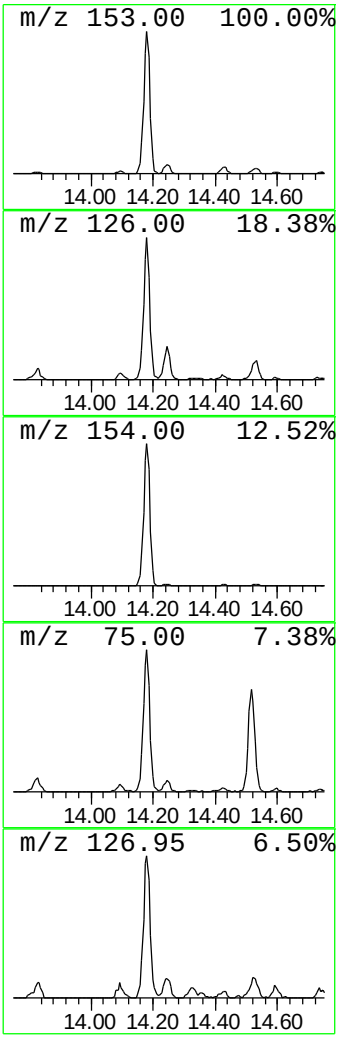
Peak Number 11 2-Naphthalenecarbonitrile Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	3.05 ng/ul	250721	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	87
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	83
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	80





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Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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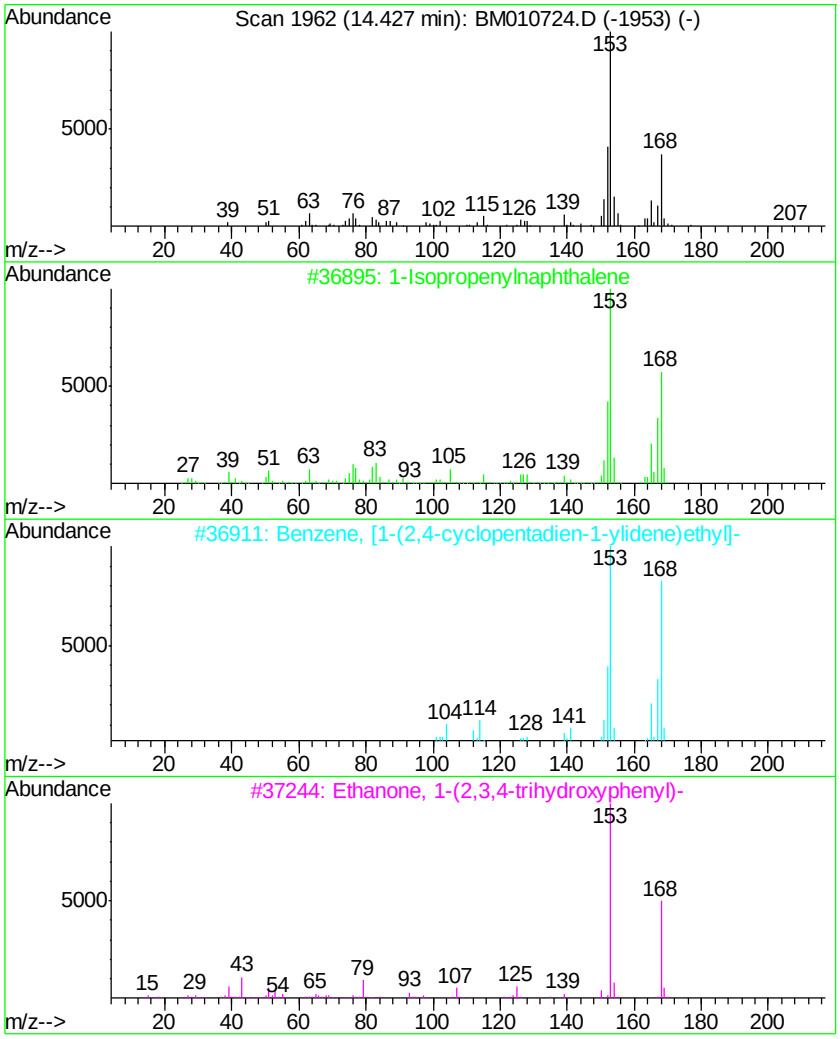
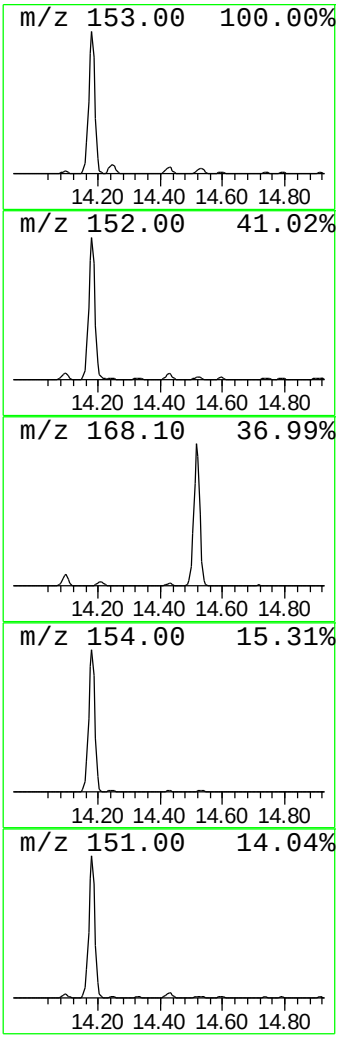
Peak Number 12 1-Isopropenylnaphthalene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.77 ng/ul	309829	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
4	1-Methoxy-2-methyl-4-(methylthio...	168	C9H12OS	050390-78-8	47
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47





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Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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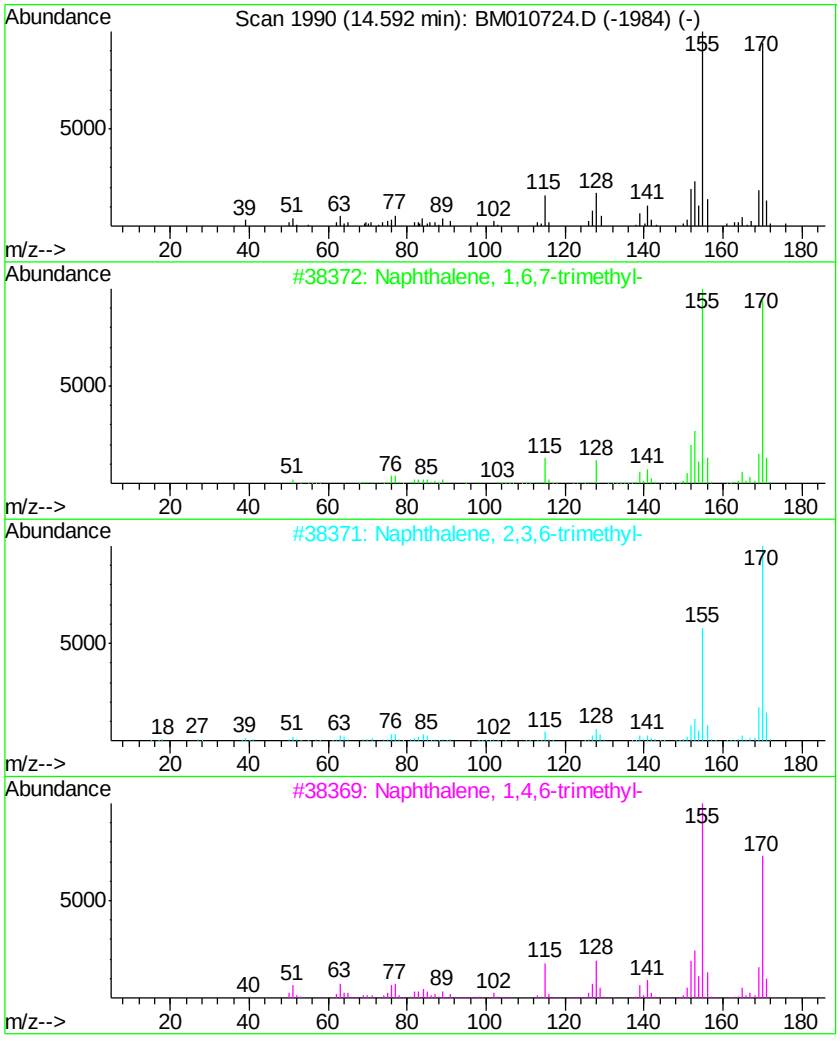
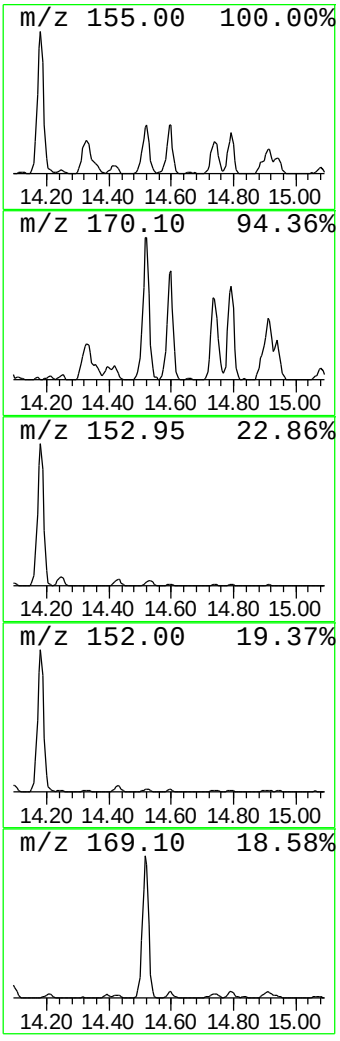
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.79 ng/ul	229327	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





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Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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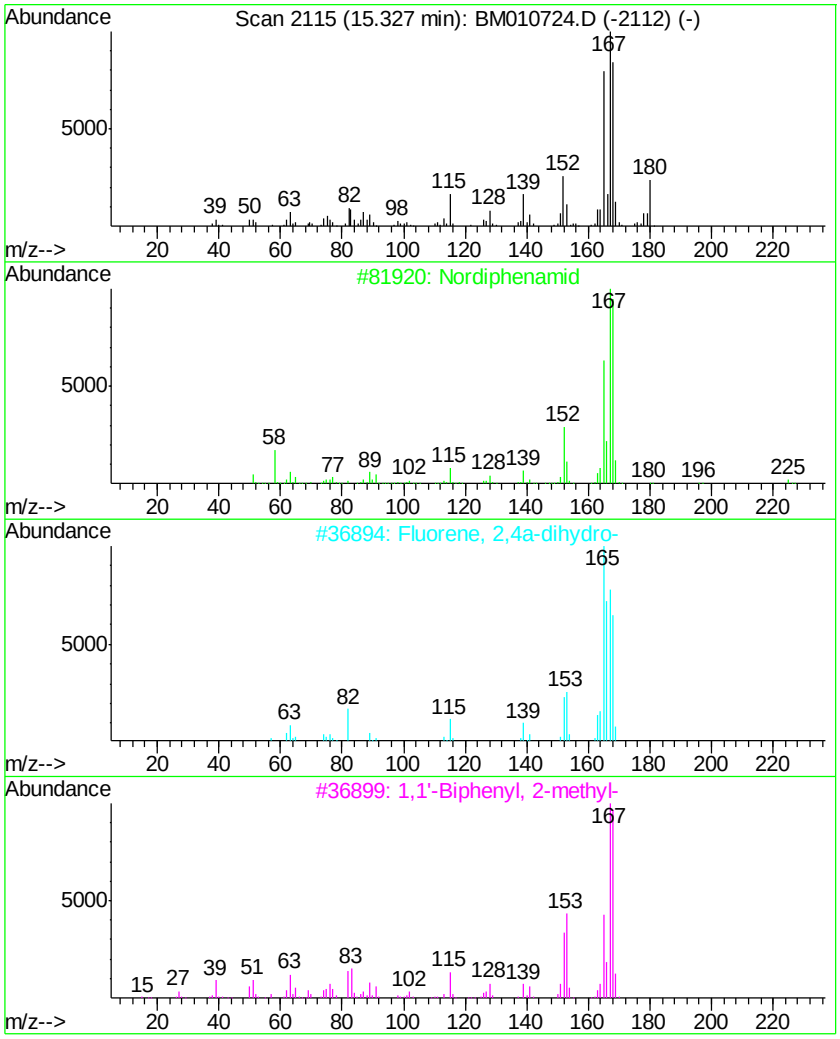
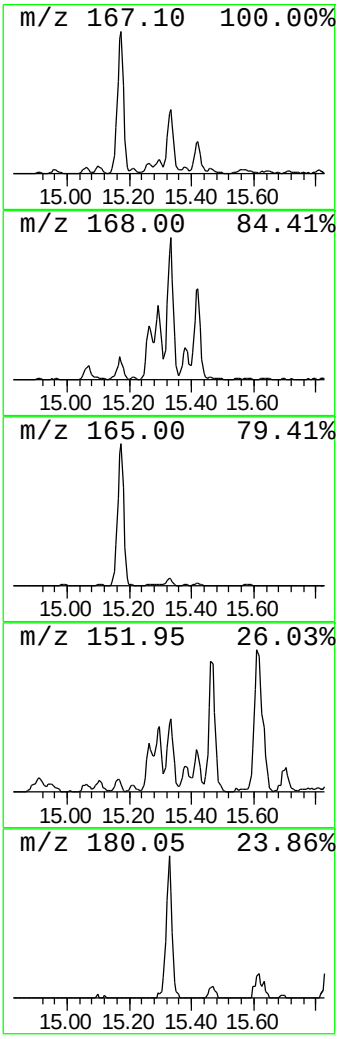
Peak Number 15 Nordiphenamid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	7.17 ng/ul	589479	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	80
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	78
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
4	Diphenylmethane	168	C13H12	000101-81-5	53
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50





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Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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Quant Title : SVOA CALIBRATION

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

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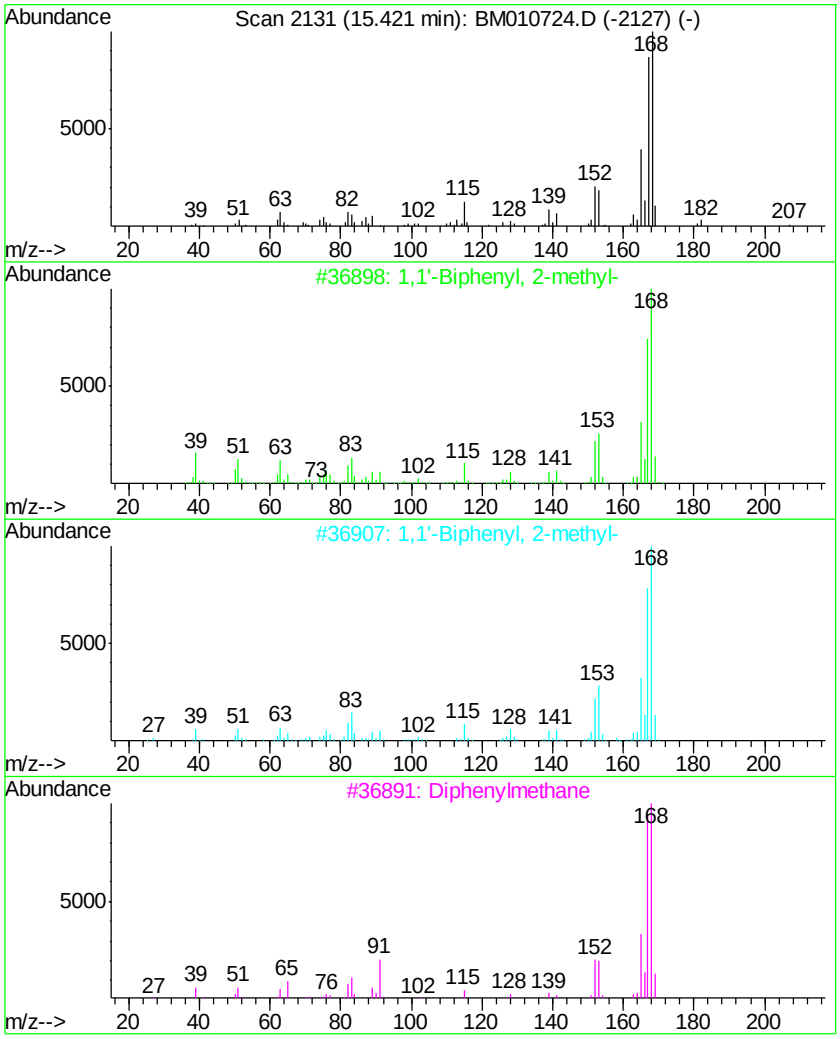
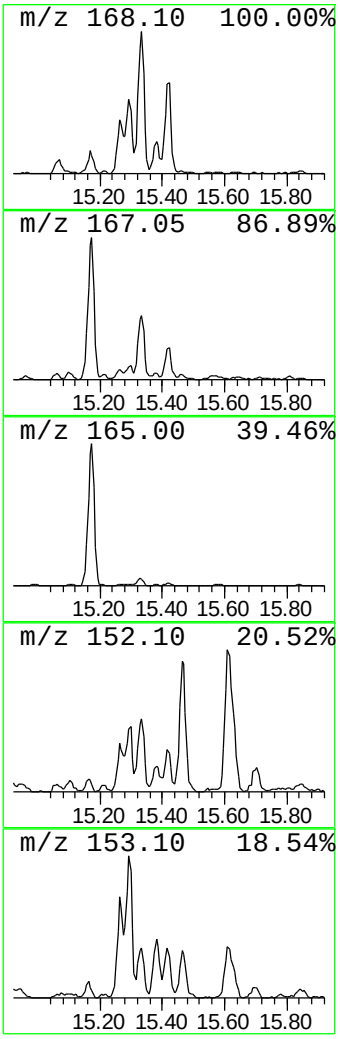
Peak Number 16 1,1'-Biphenyl, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	3.10 ng/ul	255141	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87
3	Diphenylmethane	168	C13H12	000101-81-5	87
4	Diphenylmethane	168	C13H12	000101-81-5	87
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	87





Library Search Compound Report

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Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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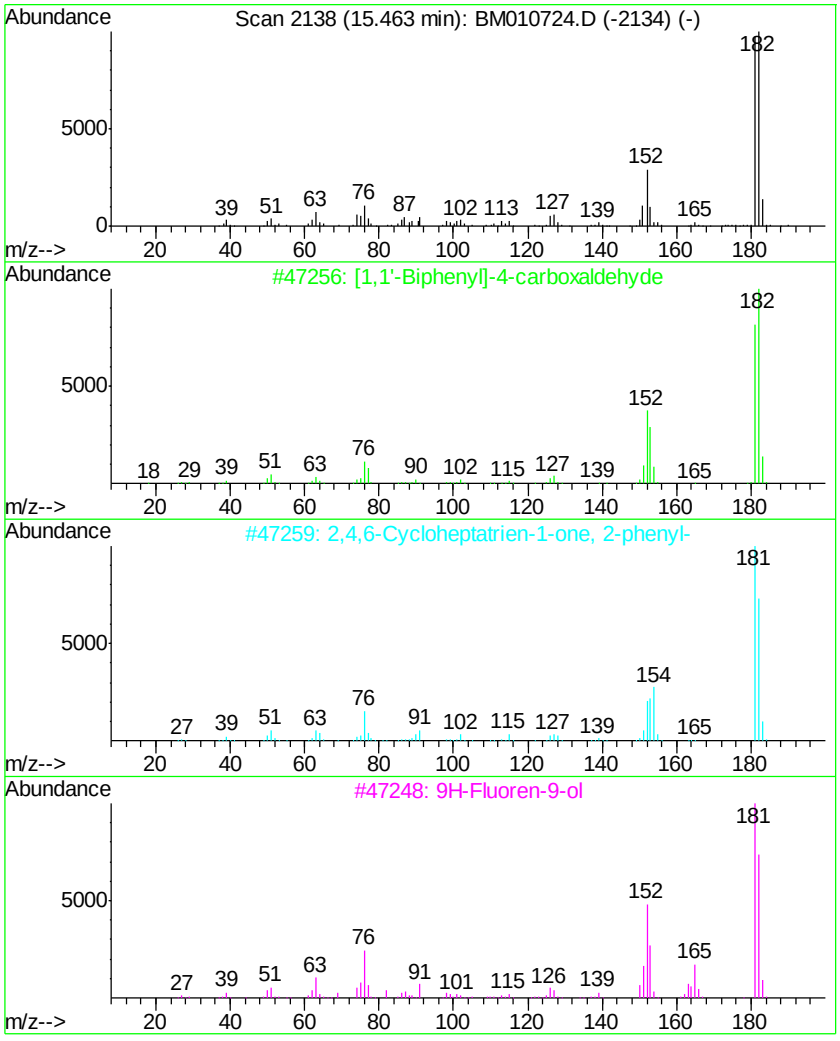
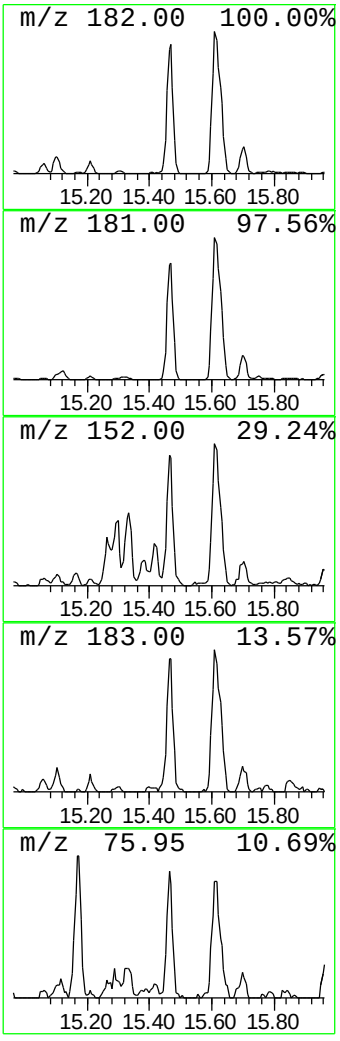
Peak Number 17 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	10.46 ng/ul	859900	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





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Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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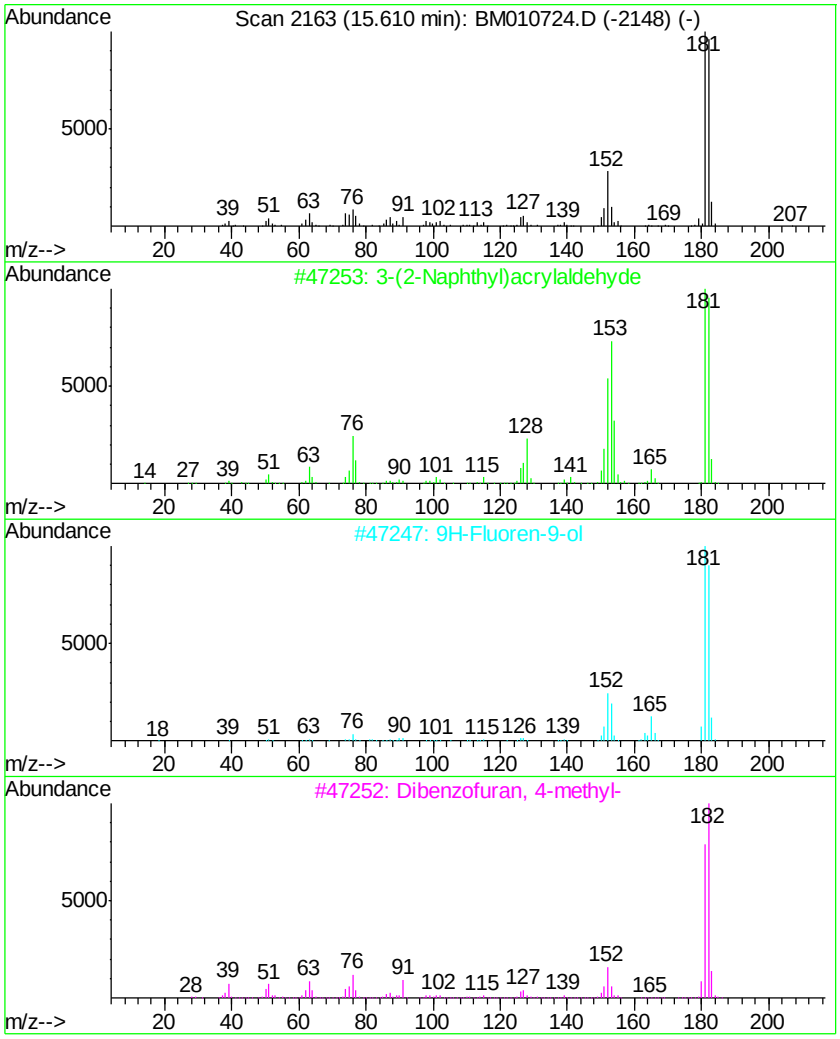
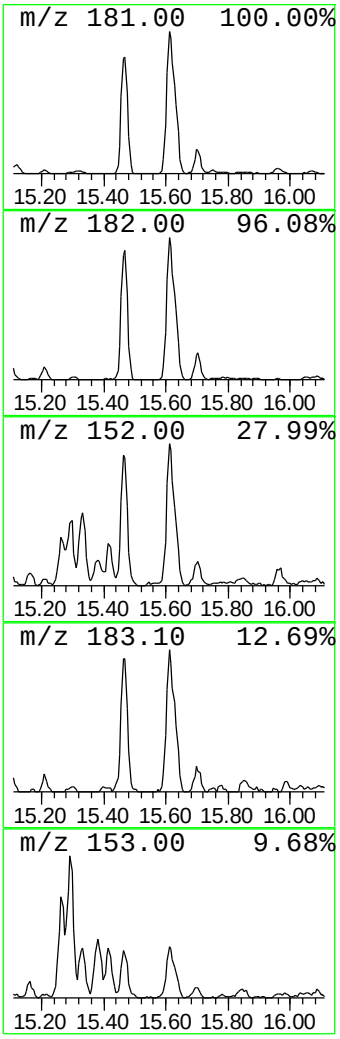
Peak Number 18 3-(2-Naphthyl)acrylaldehyde Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	17.45 ng/ul	1355880	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74





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Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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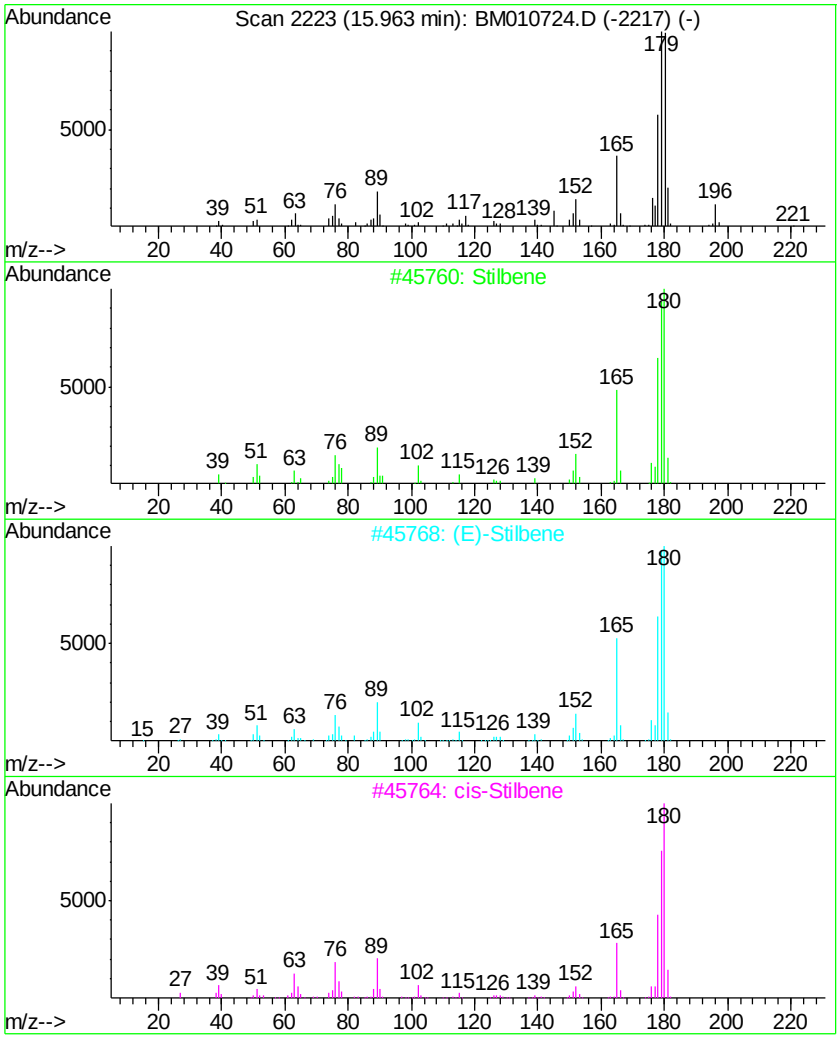
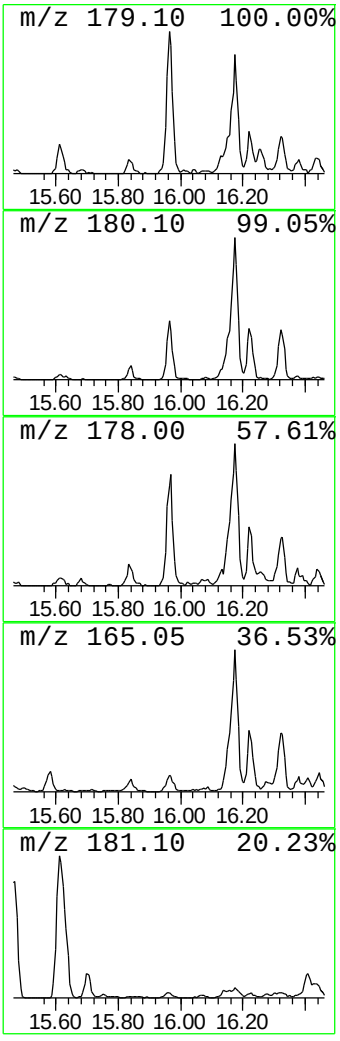
Peak Number 19 Stilbene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.10 ng/ul	318556	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stilbene	180	C14H12	000588-59-0	93
2	(E)-Stilbene	180	C14H12	000103-30-0	92
3	cis-Stilbene	180	C14H12	000645-49-8	90
4	(E)-Stilbene	180	C14H12	000103-30-0	90
5	cis-Stilbene	180	C14H12	000645-49-8	90





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Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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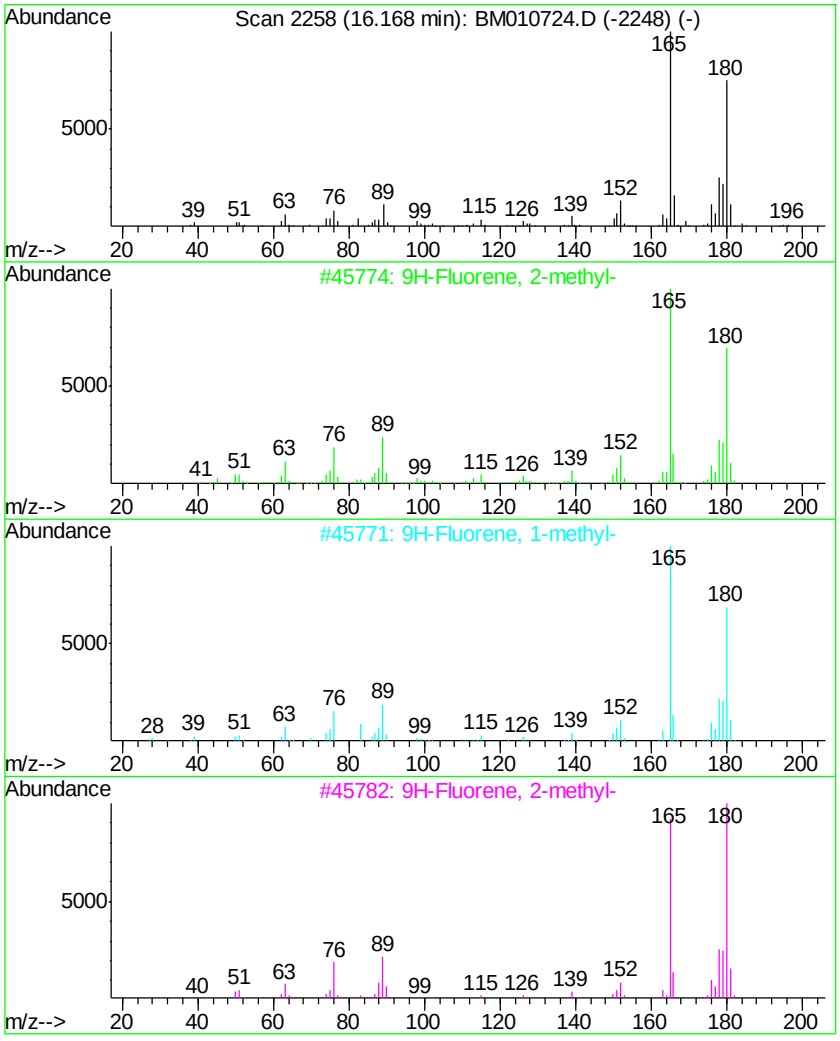
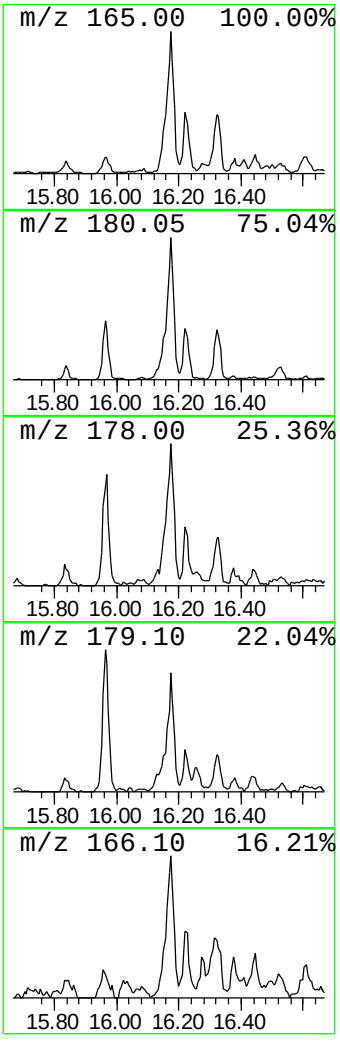
Peak Number 20 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	11.69 ng/ul	908230	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, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90





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Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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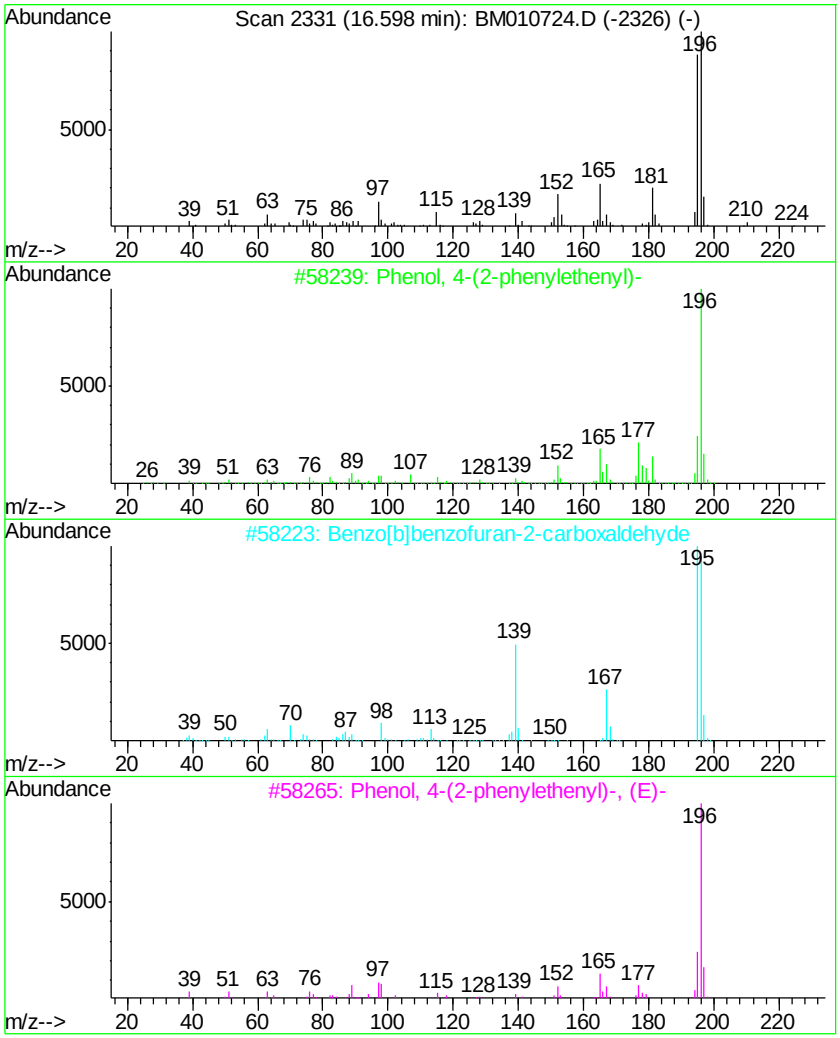
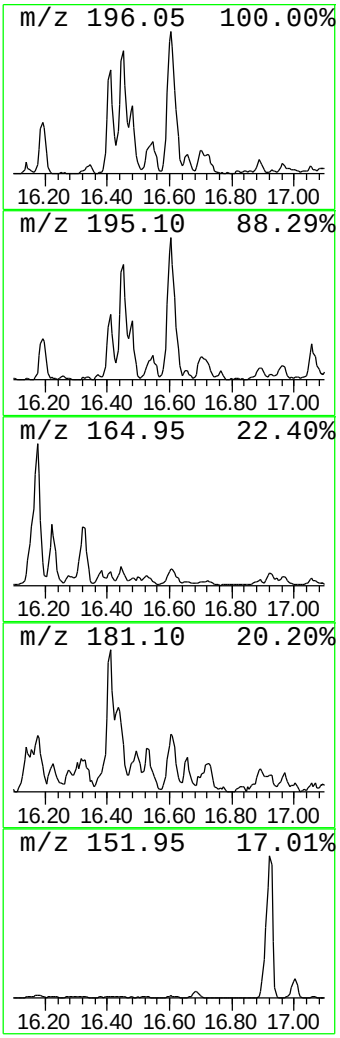
Peak Number 22 Phenol, 4-(2-phenylethenyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	5.66 ng/ul	439502	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	70
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	64
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	47
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	47
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	47





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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

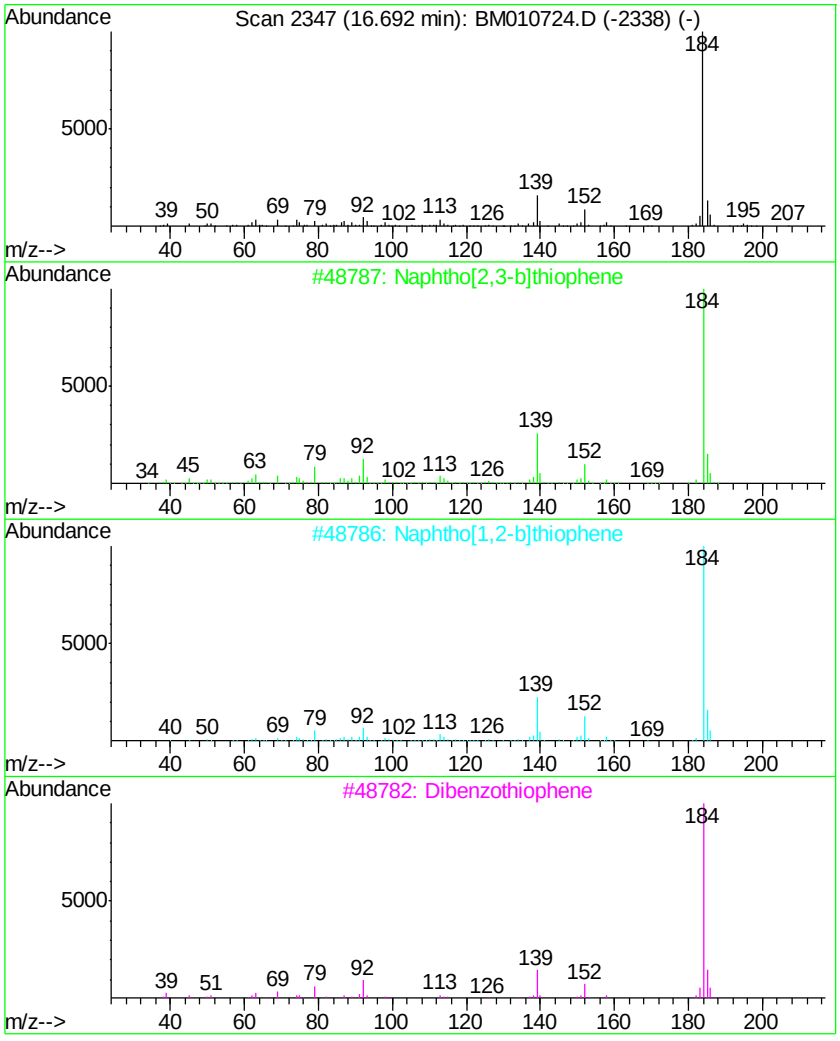
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

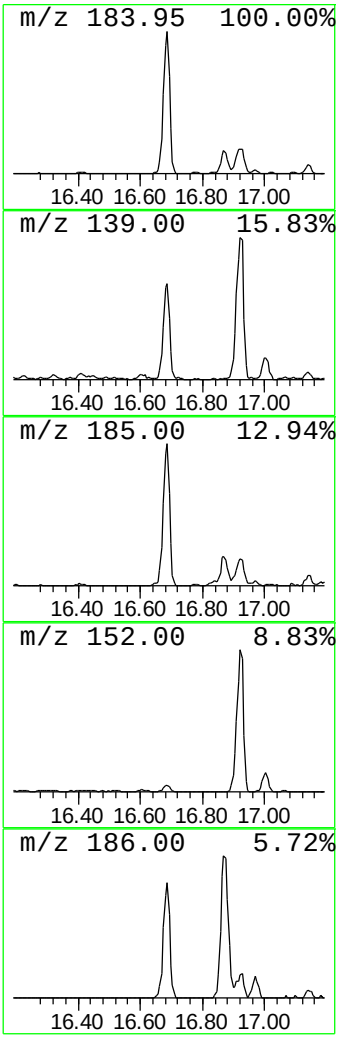
****

Peak Number 23 Naphtho[2,3-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	17.74 ng/ul	1378270	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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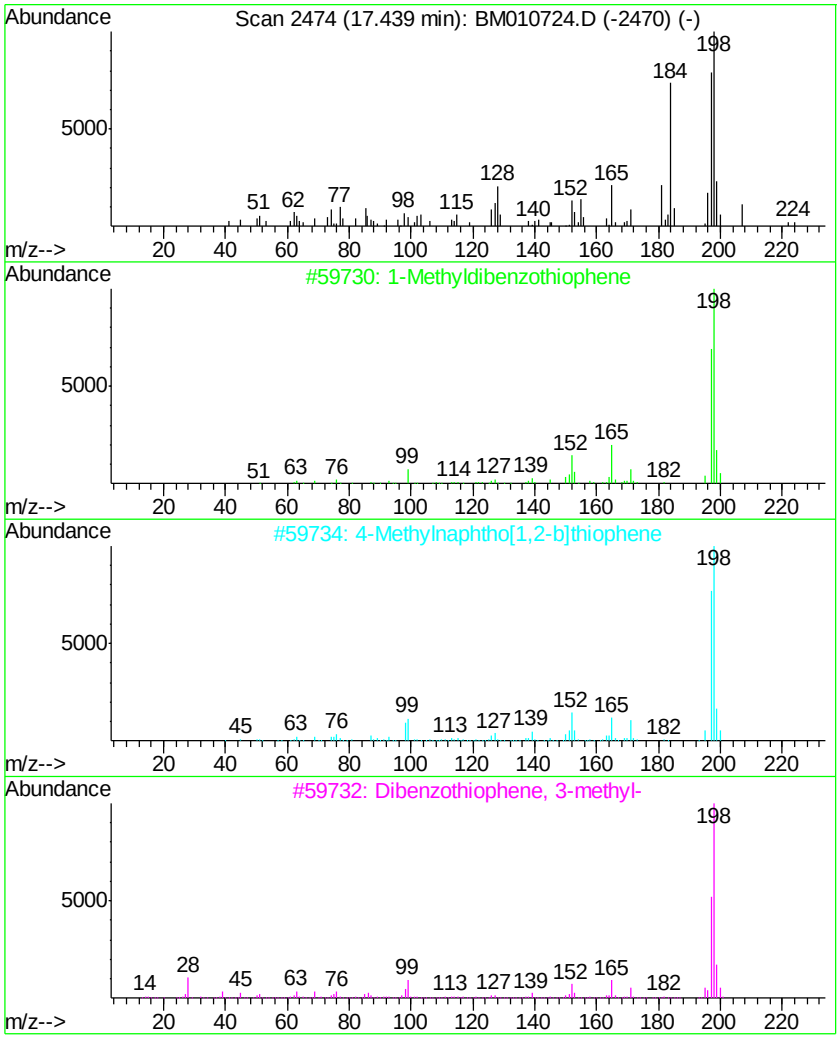
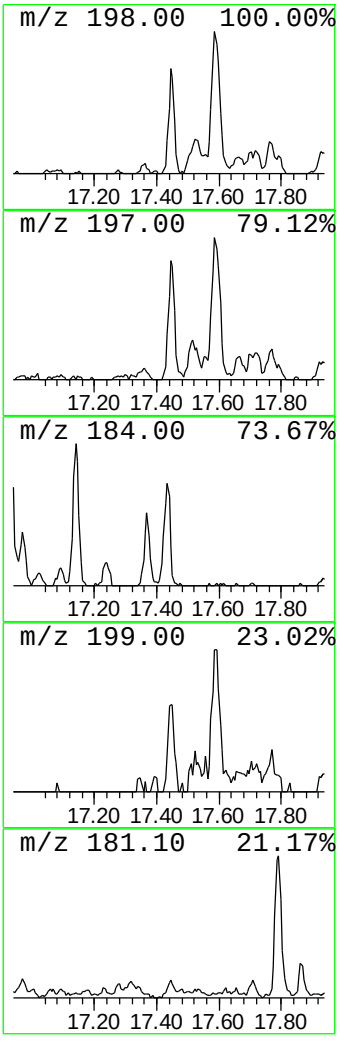
Peak Number 24 1-Methyldibenzothiophene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	3.24 ng/ul	252103	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	89
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	86
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
5	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	64





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Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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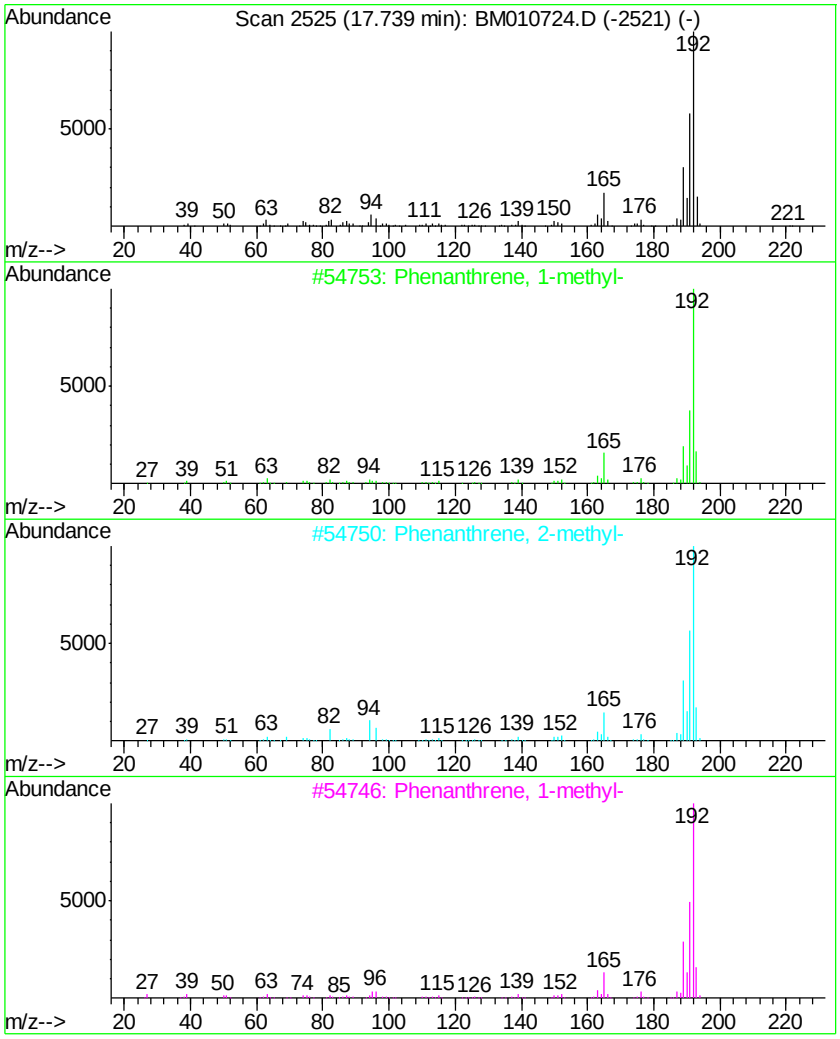
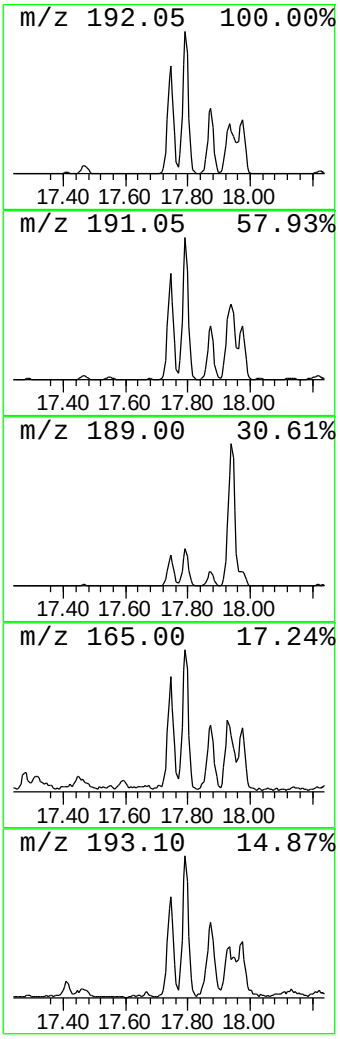
Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	14.08 ng/ul	1094160	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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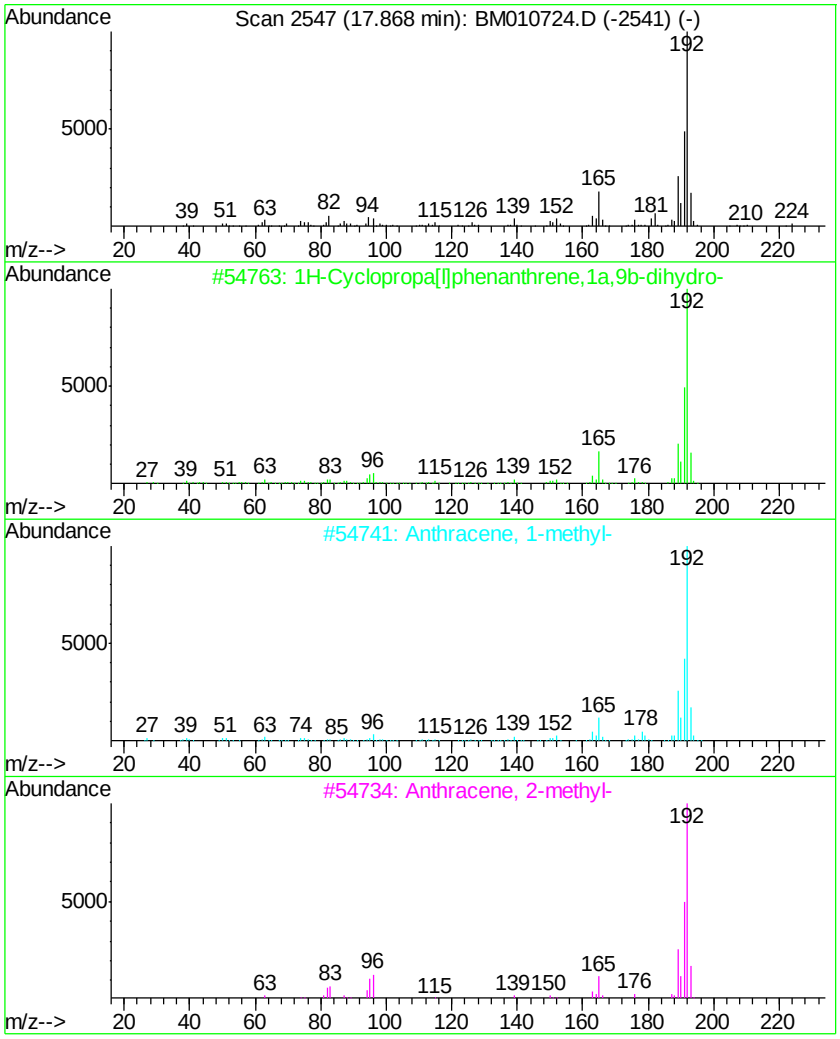
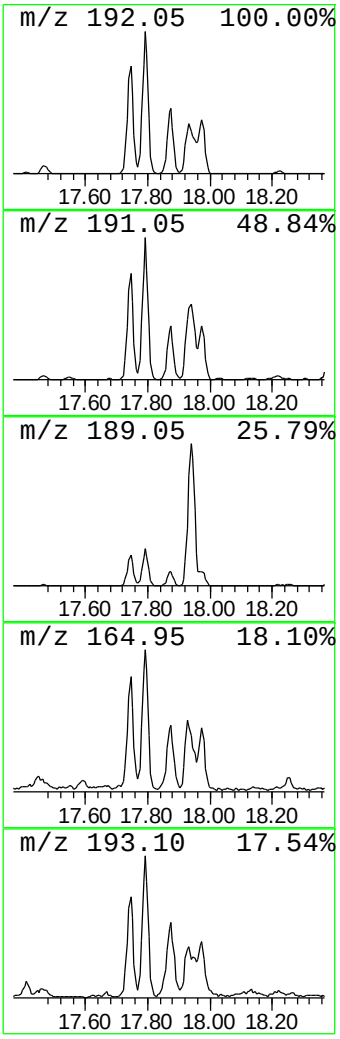
Peak Number 27 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	9.86 ng/ul	766184	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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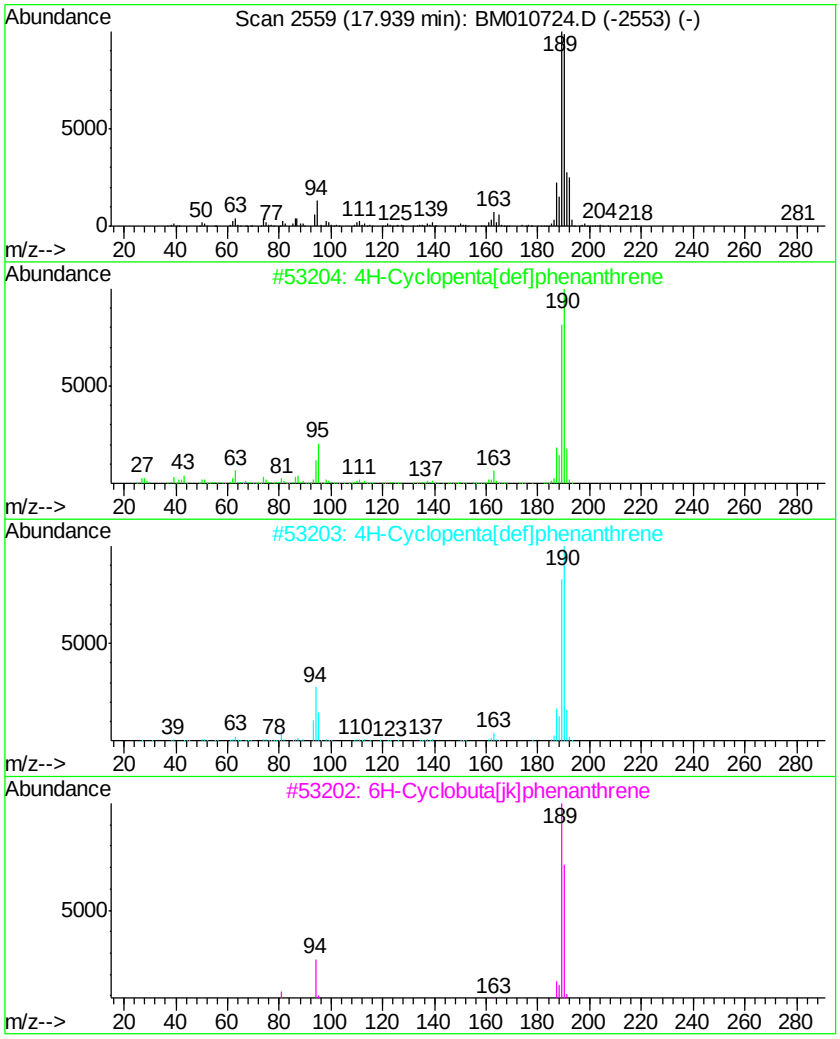
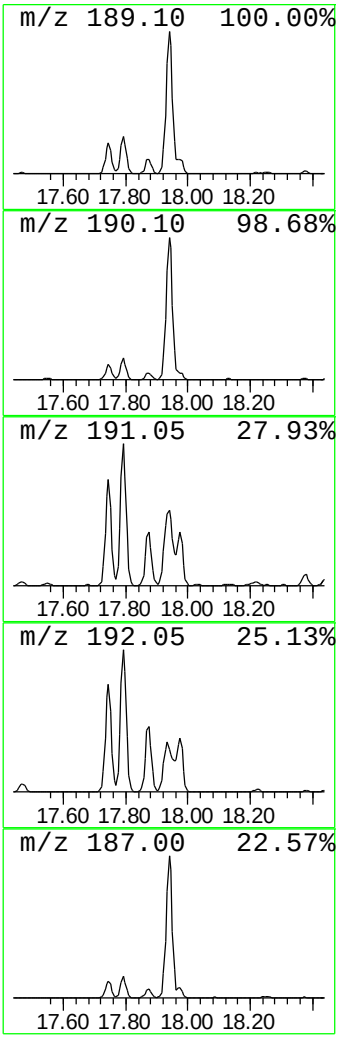
Peak Number 28 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	32.44 ng/ul	2520660	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47





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Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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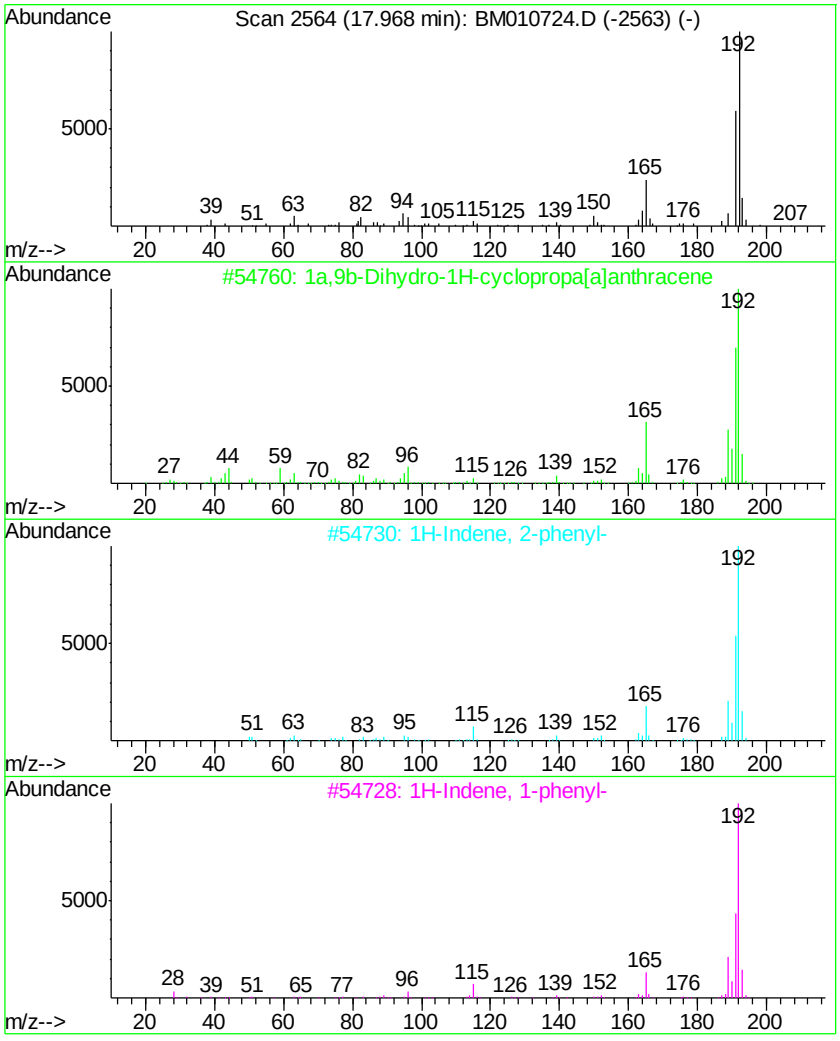
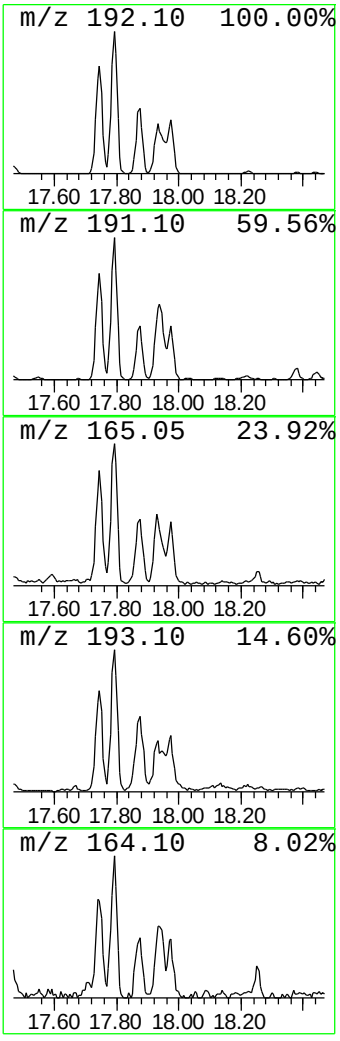
Peak Number 29 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.98 ng/ul	464249	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	91
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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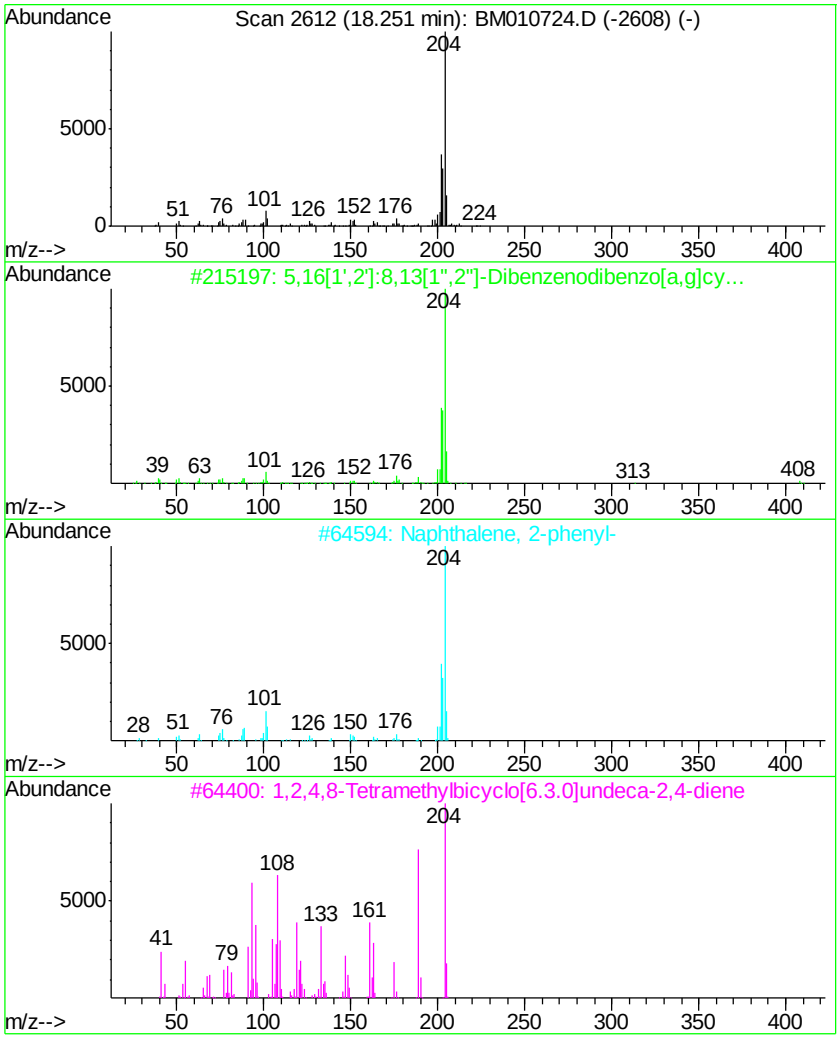
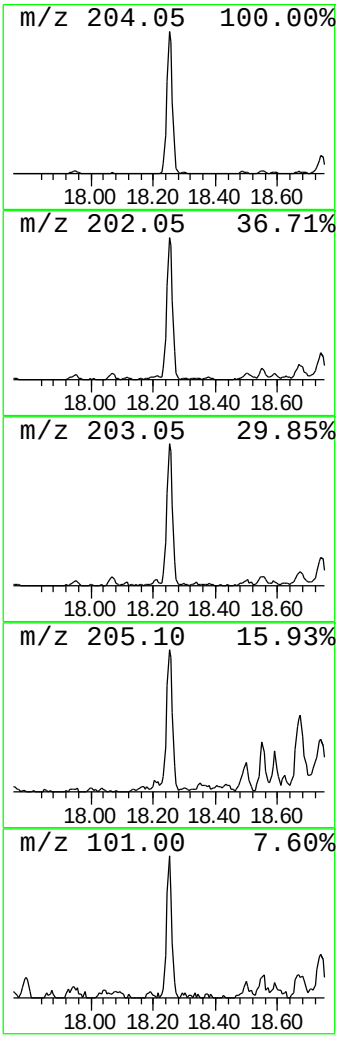
Peak Number 30 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	10.32 ng/ul	801617	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	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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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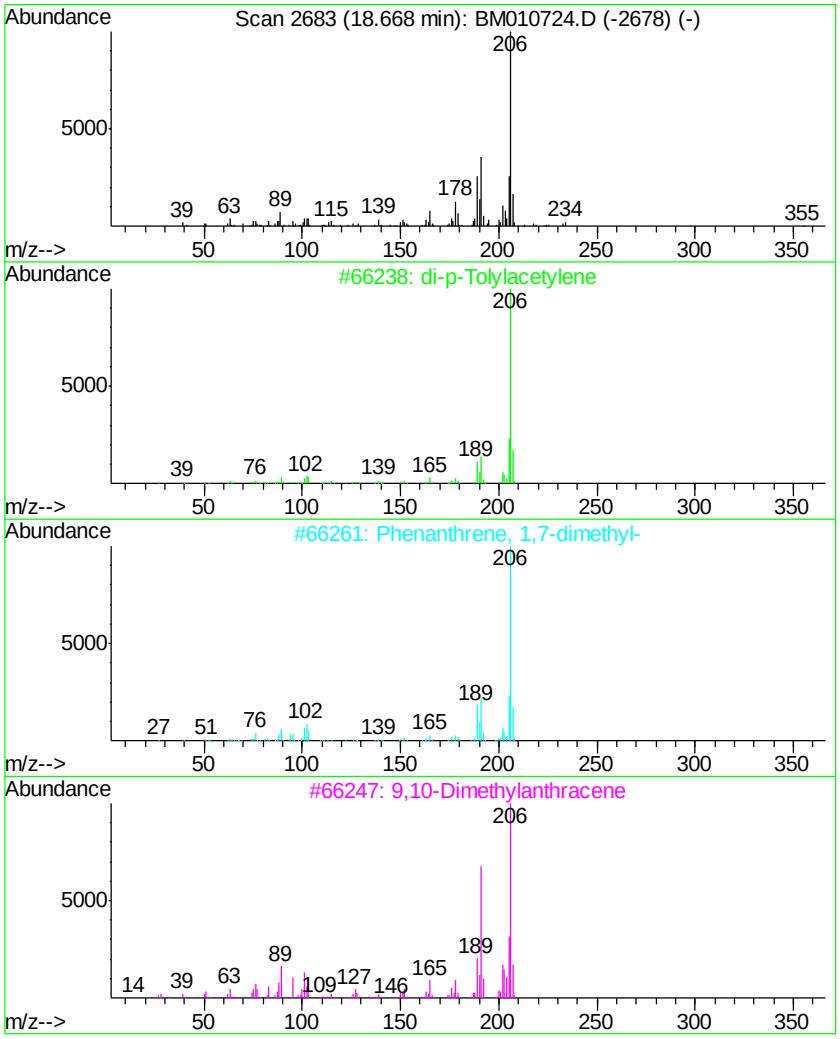
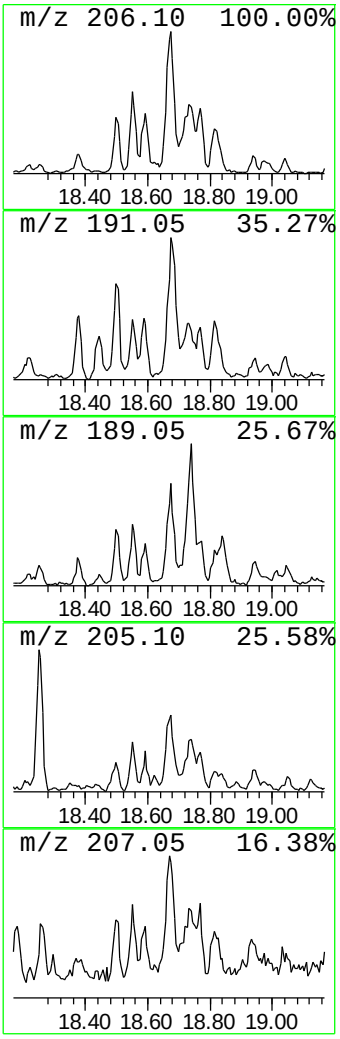
Peak Number 31 di-p-Tolylacetylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	6.70 ng/ul	520517	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010724.D
Acq On : 24 Jun 2017 11:38
Operator : SJ/JU
Sample : I3653-05ME 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B22ME

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
(1R)-2,6,6-Trimet...	6.17	15.5	ng/ul	380608	1	7.46	490492	20.0
Indane	7.83	24.9	ng/ul	609379	1	7.46	490492	20.0
Benzene, 1-propynyl-	7.99	36.9	ng/ul	904721	1	7.46	490492	20.0
2,4-Dimethylstyrene	9.63	10.6	ng/ul	430003	2	10.23	810170	20.0
Naphthalene, 1-me...	12.12	77.9	ng/ul	3155590	2	10.23	810170	20.0
Naphthalene, 1-et...	13.13	7.1	ng/ul	583090	3	14.11	1643510	20.0
Naphthalene, 2,7-...	13.27	9.7	ng/ul	796603	3	14.11	1643510	20.0
Naphthalene, 1,3-...	13.66	5.6	ng/ul	463003	3	14.11	1643510	20.0
2-Naphthalenecarb...	14.25	3.0	ng/ul	250721	3	14.11	1643510	20.0
1-Isopropenylnaph...	14.43	3.8	ng/ul	309829	3	14.11	1643510	20.0
Naphthalene, 1,6,...	14.59	2.8	ng/ul	229327	3	14.11	1643510	20.0
Nordiphenamid	15.33	7.2	ng/ul	589479	3	14.11	1643510	20.0
1,1'-Biphenyl, 2-...	15.42	3.1	ng/ul	255141	3	14.11	1643510	20.0
[1,1'-Biphenyl]-4...	15.46	10.5	ng/ul	859900	3	14.11	1643510	20.0
3-(2-Naphthyl)acr...	15.61	17.4	ng/ul	1355880	4	16.87	1553850	20.0
Stilbene	15.96	4.1	ng/ul	318556	4	16.87	1553850	20.0
9H-Fluorene, 2-me...	16.17	11.7	ng/ul	908230	4	16.87	1553850	20.0
Phenol, 4-(2-phen...	16.60	5.7	ng/ul	439502	4	16.87	1553850	20.0
Naphtho[2,3-b]thi...	16.69	17.7	ng/ul	1378270	4	16.87	1553850	20.0
1-Methyldibenzoth...	17.44	3.2	ng/ul	252103	4	16.87	1553850	20.0
Phenanthrene, 1-m...	17.74	14.1	ng/ul	1094160	4	16.87	1553850	20.0
1H-Cyclopropa[l]p...	17.87	9.9	ng/ul	766184	4	16.87	1553850	20.0
4H-Cyclopenta[def...	17.94	32.4	ng/ul	2520660	4	16.87	1553850	20.0
1a,9b-Dihydro-1H-...	17.97	6.0	ng/ul	464249	4	16.87	1553850	20.0
5,16[1',2']:8,13[...	18.25	10.3	ng/ul	801617	4	16.87	1553850	20.0
di-p-Tolylacetylene	18.67	6.7	ng/ul	520517	4	16.87	1553850	20.0