LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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	6.646	631	639	645	rBV	67394	98026	1.32%	0.159%
2	6.993	693	698	705	rVB	65886	97930	1.32%	0.159%
3	7.457	771	777	784	rBV	399717	593567	8.01%	0.965%
4	7.828	835	840	845	rVB	58698	84855	1.15%	0.138%
5	7.987	859	867	874	rBB	97995	152293	2.06%	0.248%
6	8.163	892	897	903	rBB2	91698	134563	1.82%	0.219%
7	8.598	966	971	980	rVB	65680	114075	1.54%	0.186%
8	9.316	1085	1093	1099	rBV2	58788	91326	1.23%	0.149%
9	9.845	1177	1183	1189	rVB2	102646	156200	2.11%	0.254%
10	10.222	1239	1247	1251	rBV	547522	966873	13.05%	1.572%
11	10.275	1251	1256	1264	rVV	3986259	6506131	87.80%	10.581%
12	10.386	1264	1275	1284	rVB2	144951	377599	5.10%	0.614%
13	11.898	1524	1532	1539	rVB	1206391	1956931	26.41%	3.182%
14	12.016	1546	1552	1558	rVV2	62620	96516	1.30%	0.157%
15	12.116	1558	1569	1579	rVB	562350	910567	12.29%	1.481%
16	12.933	1702	1708	1715	rBV	332162	476979	6.44%	0.776%
17	13.127	1736	1741	1754	rVB	104336	187638	2.53%	0.305%
18	13.263	1756	1764	1766	rBV2	166124	264501	3.57%	0.430%
19	13.427	1783	1792	1797	rBV	267924	477338	6.44%	0.776%
20	13.480	1797	1801	1805	rVV	159141	229018	3.09%	0.372%
21	13.527	1805	1809	1814	rVB	190826	272673	3.68%	0.443%
22	13.663	1829	1832	1836	rBV	84118	96112	1.30%	0.156%
23	13.798	1849	1855	1858	rBV	200846	323443	4.36%	0.526%
24	13.827	1858	1860	1867	rVB2	131378	158307	2.14%	0.257%
25	14.110	1900	1908	1914	rBV3	983287	1563416	21.10%	2.542%
26	14.174	1914	1919	1927	rVV	1320428	1904504	25.70%	3.097%
27	14.245	1927	1931	1937	rVB	65503	91736	1.24%	0.149%
28	14.321	1937	1944	1948	rBV2	116723	182868	2.47%	0.297%
29	14.427	1957	1962	1967	rVB2	62266	90513	1.22%	0.147%
30	14.516	1967	1977	1984	rBV	1137746	1692691	22.84%	2.753%
31	14.733	2005	2014	2020	rBV4	45607	87830	1.19%	0.143%
32	14.792	2020	2024	2029	rVB3	60193	82000	1.11%	0.133%
33	15.110	2073	2078	2082	rBV	304914	432340	5.83%	0.703%
34	15.168	2082	2088	2093	rVB	1676087	2245670	30.31%	3.652%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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	15.327	2112	2115	2120	rVB	164815	221476	2.99%	0.360%
36	15.416	2127	2130	2134	rVB2	81448	98961	1.34%	0.161%
37	15.463	2134	2138	2149	rVB	235074	332519	4.49%	0.541%
38	15.610	2159	2163	2171	rVV	244661	461205	6.22%	0.750%
39	15.698	2171	2178	2184	rVB5	42219	93799	1.27%	0.153%
40	15.839	2196	2202	2217	rVB4	79334	143141	1.93%	0.233%
41	15.963	2217	2223	2231	rBV4	78760	126418	1.71%	0.206%
42	16.174	2247	2259	2264	rBV3	177141	377312	5.09%	0.614%
43	16.221	2264	2267	2273	rVB2	66196	89396	1.21%	0.145%
44	16.321	2279	2284	2290	rVB3	70072	117761	1.59%	0.192%
45	16.445	2301	2305	2309	rVB3	68171	89193	1.20%	0.145%
46	16.604	2326	2332	2338	rBV2	88500	174853	2.36%	0.284%
47	16.680	2338	2345	2357	rVB	344802	558471	7.54%	0.908%
48	16.868	2367	2377	2380	rBV	1235098	1864011	25.16%	3.031%
49	16.915	2380	2385	2390	rVV	5413422	7409937	100.00%	12.050%
50	16.962	2390	2393	2396	rVV	354556	521109	7.03%	0.847%
51	16.998	2396	2399	2405	rVB	904518	1154001	15.57%	1.877%
52	17.057	2405	2409	2416	rBV	169112	254001	3.43%	0.413%
53	17.274	2441	2446	2450	rBV	606053	817267	11.03%	1.329%
54	17.392	2459	2466	2471	rBV5	70295	126602	1.71%	0.206%
55	17.445	2471	2475	2484	rVB5	39860	83505	1.13%	0.136%
56	17.739	2516	2525	2529	rBV	339346	535899	7.23%	0.872%
57	17.786	2529	2533	2541	rVB	512998	743827	10.04%	1.210%
58	17.868	2541	2547	2552	rBV	209316	308150	4.16%	0.501%
59	17.939	2552	2559	2563	rVV2	610368	1063613	14.35%	1.730%
60	17.974	2563	2565	2570	rVV	174780	196443	2.65%	0.319%
61	18.045	2570	2577	2581	rVV3	52654	91055	1.23%	0.148%
62	18.251	2607	2612	2617	rVV	258494	325075	4.39%	0.529%
63	18.504	2647	2655	2658	rBV4	64561	104370	1.41%	0.170%
64	18.668	2677	2683	2690	rBV2	120699	235251	3.17%	0.383%
65	18.739	2690	2695	2698	rBV3	74197	117807	1.59%	0.192%
66	18.939	2723	2729	2735	rBV	3282456	4339919	58.57%	7.058%
67	19.039	2743	2746	2751	rVB4	50495	79247	1.07%	0.129%
68	19.180	2763	2770	2775	rVB2	95698	156701	2.11%	0.255%
69	19.274	2781	2786	2788	rBV	927773	1326120	17.90%	2.157%
70	19.304	2788	2791	2795	rVB	1852088	2304624	31.10%	3.748%
71	19.380	2800	2804	2812	rVB2	122527	208713	2.82%	0.339%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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	19.486	2812	2822	2826	rBV	151227	224447	3.03%	0.365%
73	19.545	2828	2832	2838	rVB	95535	142573	1.92%	0.232%
74	19.633	2841	2847	2853	rBV3	120739	335386	4.53%	0.545%
75	19.686	2853	2856	2860	rVV	85213	118880	1.60%	0.193%
76	19.751	2860	2867	2868	rVV2	96124	142264	1.92%	0.231%
77	19.809	2872	2877	2882	rVB	440117	612954	8.27%	0.997%
78	19.909	2888	2894	2898	rBV	538432	665863	8.99%	1.083%
79	19.962	2898	2903	2908	rVV4	173959	328700	4.44%	0.535%
80	20.003	2908	2910	2914	rVV3	58457	78969	1.07%	0.128%
81	20.051	2914	2918	2923	rVV3	53287	83292	1.12%	0.135%
82	20.103	2923	2927	2931	rVV	60823	89457	1.21%	0.145%
83	20.151	2931	2935	2944	rVB5	70939	150038	2.02%	0.244%
84	20.339	2964	2967	2974	rBV4	85321	131418	1.77%	0.214%
85	20.521	2994	2998	3002	rBV2	61632	90087	1.22%	0.147%
86	20.727	3027	3033	3036	rBV	145391	204609	2.76%	0.333%
87	20.762	3036	3039	3043	rVV	122428	158364	2.14%	0.258%
88	20.815	3043	3048	3052	rVB2	95442	170284	2.30%	0.277%
89	21.080	3086	3093	3097	rVV2	1991356	3387166	45.71%	5.508%
90	21.115	3097	3099	3108	rVB	531849	655843	8.85%	1.067%
91	21.233	3116	3119	3123	rBV	118744	148520	2.00%	0.242%
92	21.392	3141	3146	3152	rBV2	92412	153700	2.07%	0.250%
93	21.533	3166	3170	3174	rBV	55388	84650	1.14%	0.138%
94	21.615	3181	3184	3188	rVB2	89934	123992	1.67%	0.202%
95	21.839	3219	3222	3228	rVB5	74700	101128	1.36%	0.164%
96	22.586	3344	3349	3354	rBV2	178291	402428	5.43%	0.654%
97	23.033	3421	3425	3429	rBV2	79312	125768	1.70%	0.205%
98	23.080	3429	3433	3437	rVV2	209654	350513	4.73%	0.570%
99	23.127	3437	3441	3448	rVB	143242	268424	3.62%	0.437%
100	23.221	3451	3457	3463	rBV	872101	1512874	20.42%	2.460%

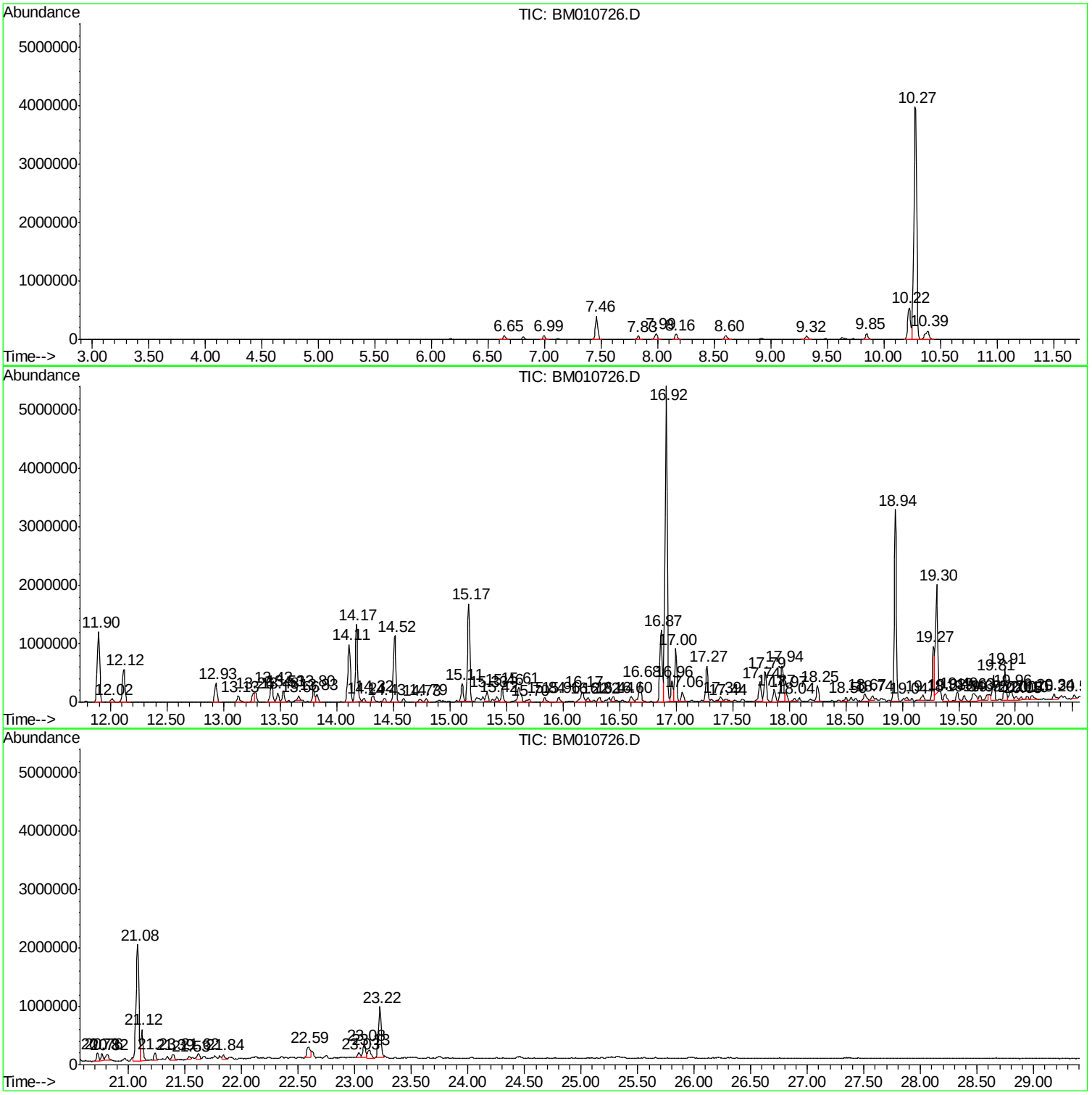
Sum of corrected areas: 61491372

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B19ME

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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Acq On : 24 Jun 2017 12:50
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ALS Vial : 42 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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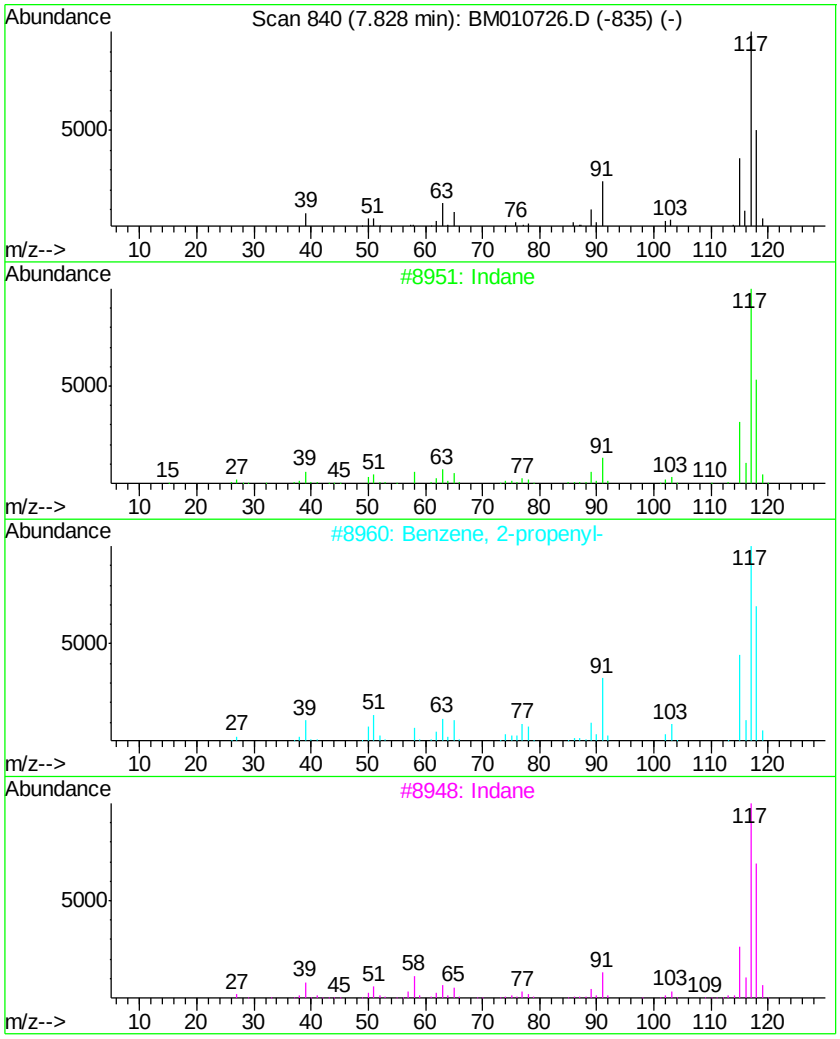
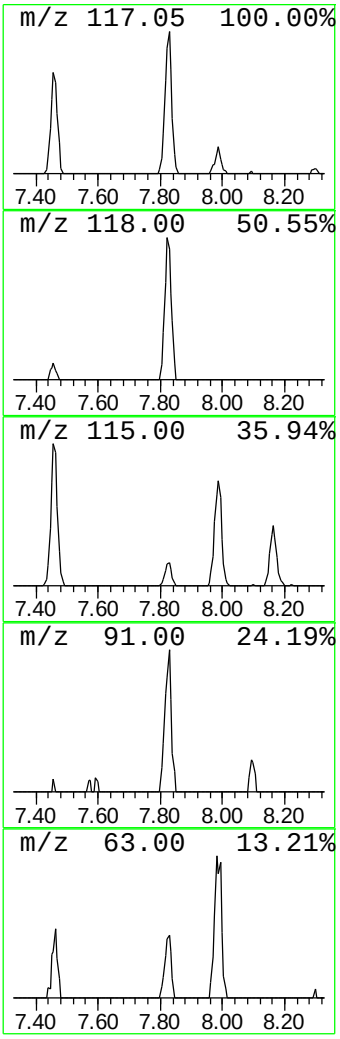
Peak Number 1 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.86 ng/ul	84855	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Indane	118	C9H10	000496-11-7	83
4	Indane	118	C9H10	000496-11-7	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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

TIC Library : C:\DATABASE\NIST11.L
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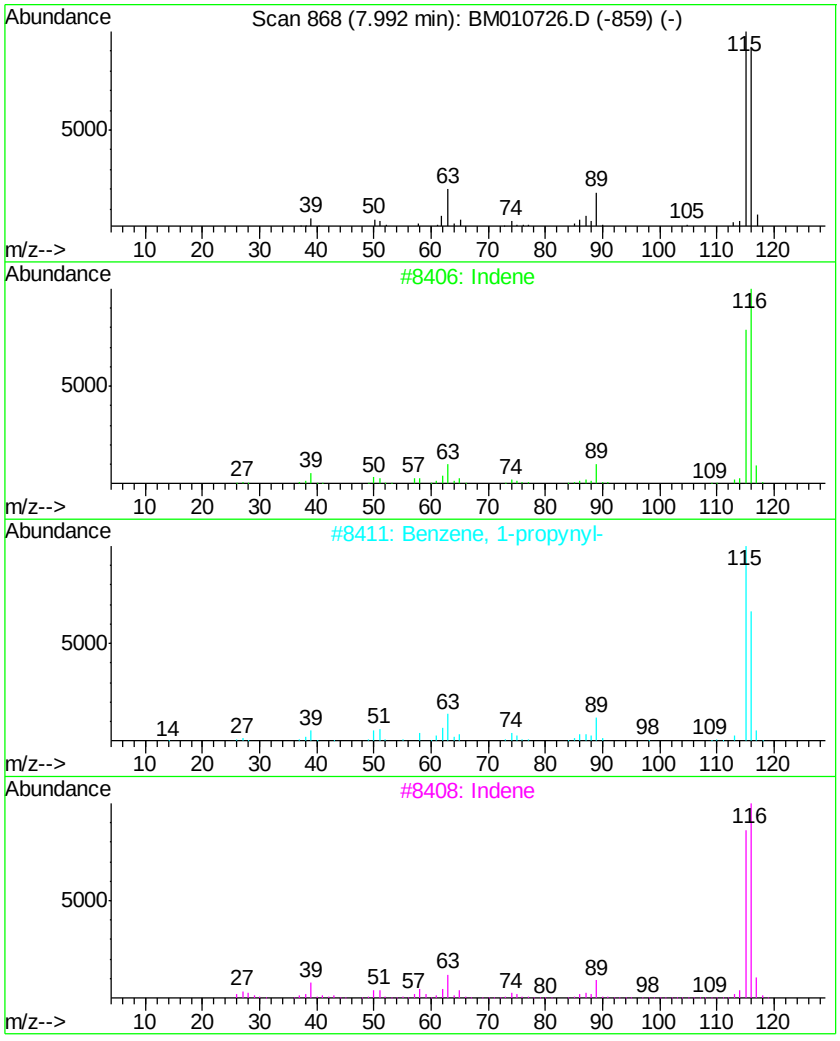
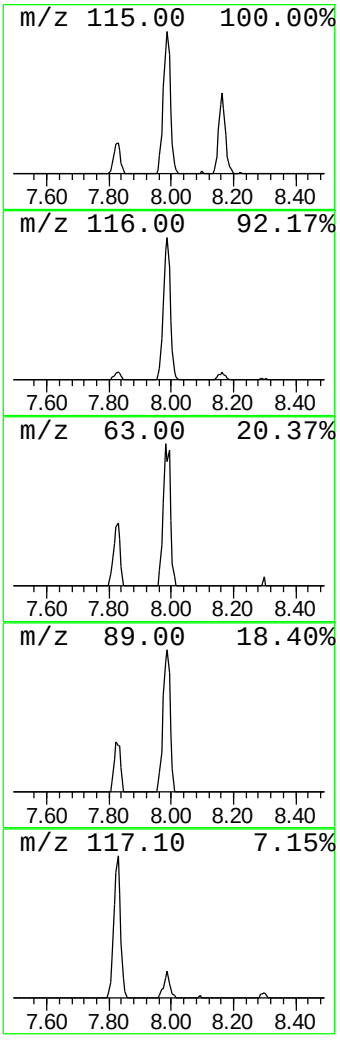
Peak Number 2 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	5.13 ng/ul	152293	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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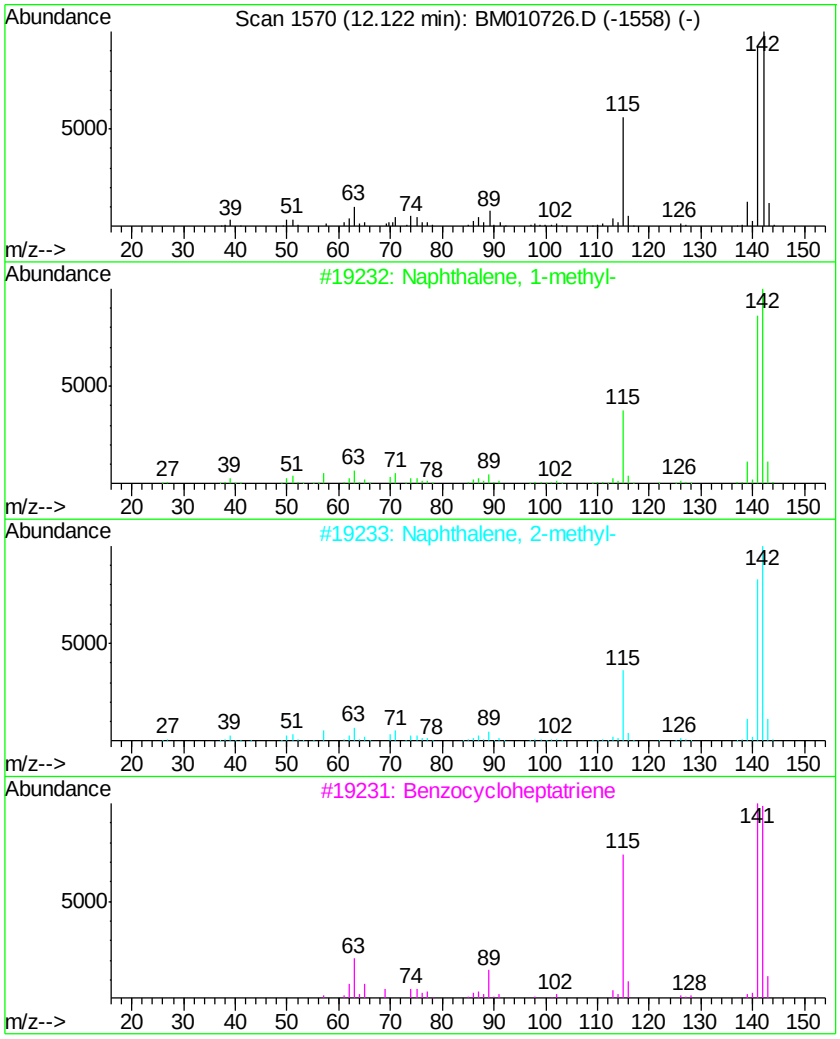
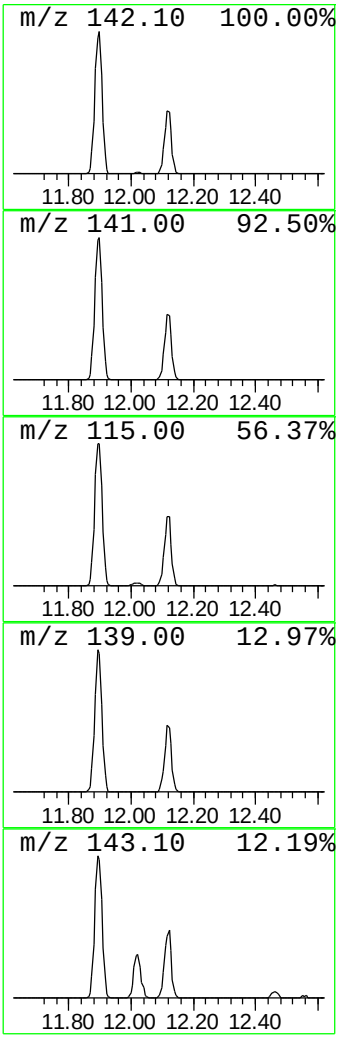
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	18.84 ng/ul	910567	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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

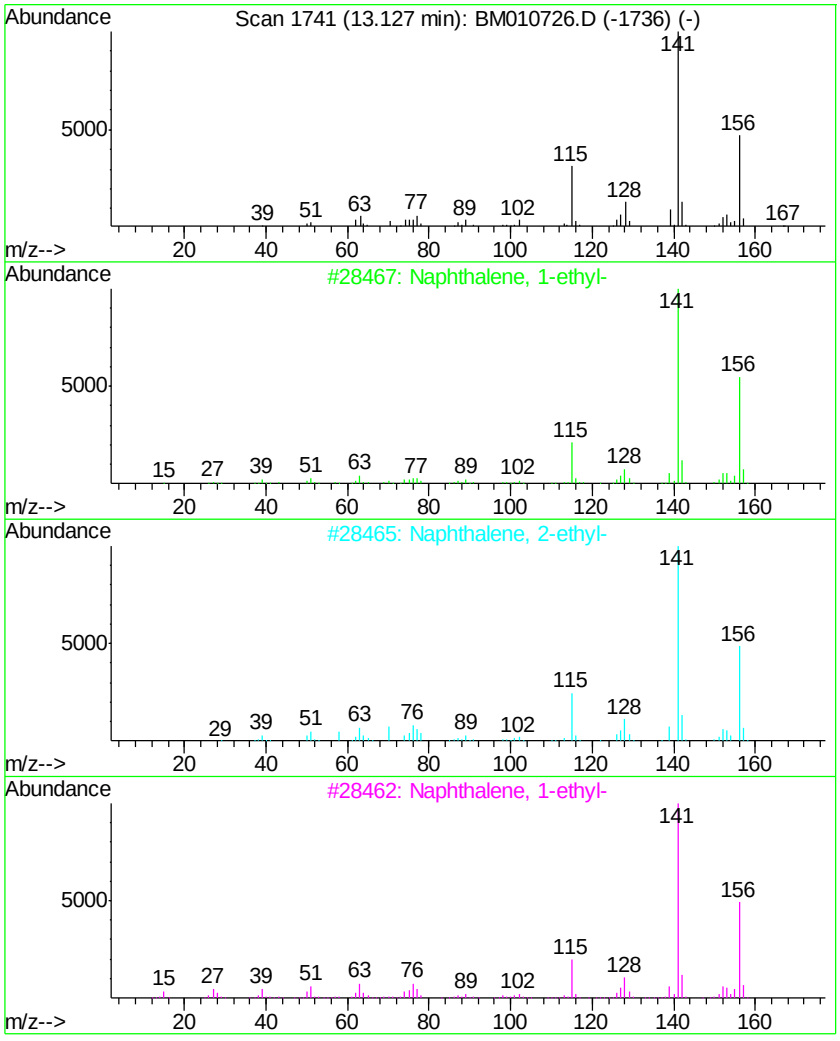
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

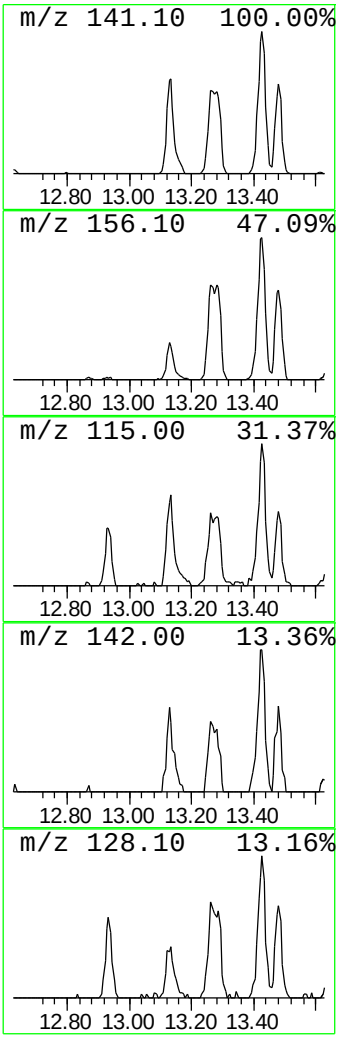
****

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.40 ng/ul	187638	Acenaphthene-d10	14.11

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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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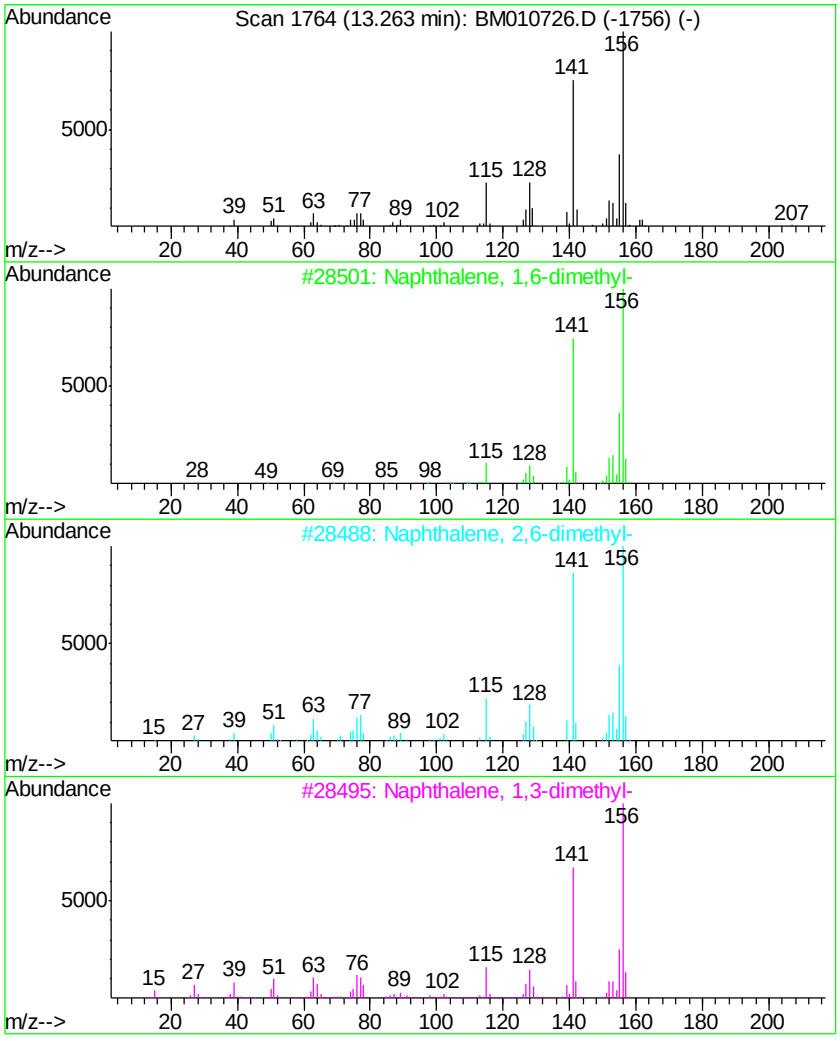
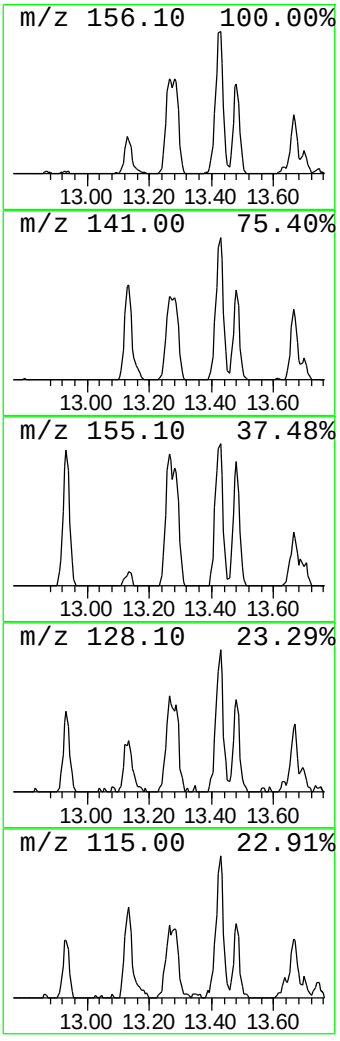
Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.38 ng/ul	264501	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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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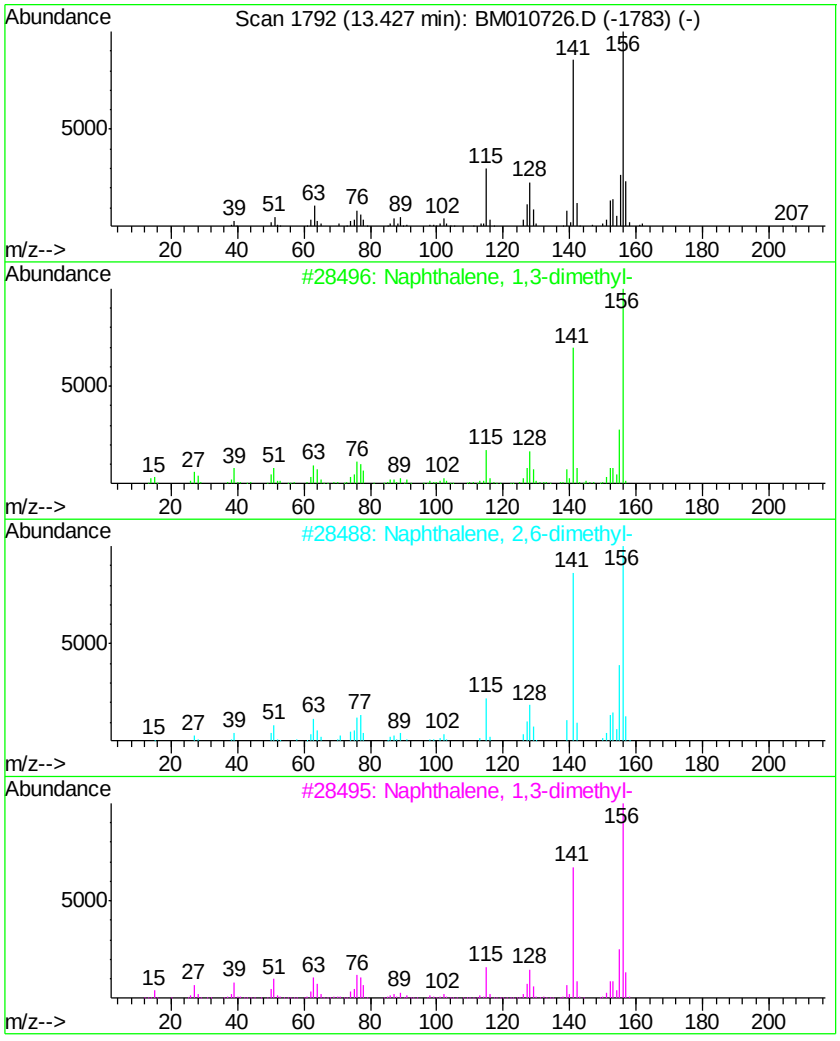
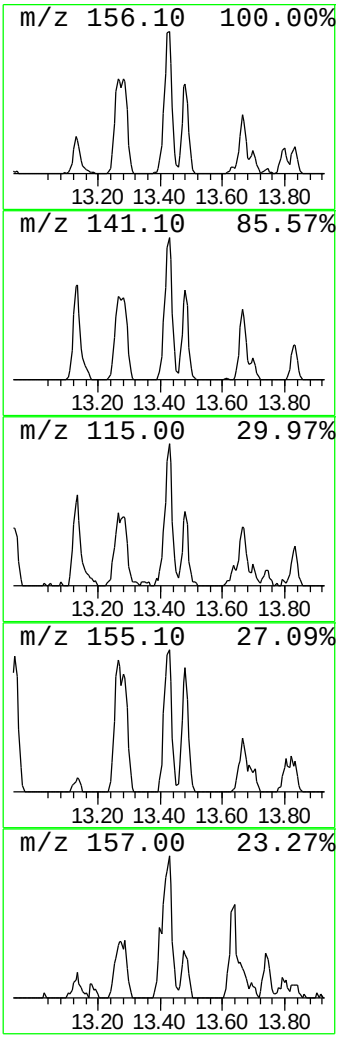
Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	6.11 ng/ul	477338	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	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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Misc :
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Instrument : BNA_M
ClientSampleId : F5B19ME

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

TIC Library : C:\DATABASE\NIST11.L
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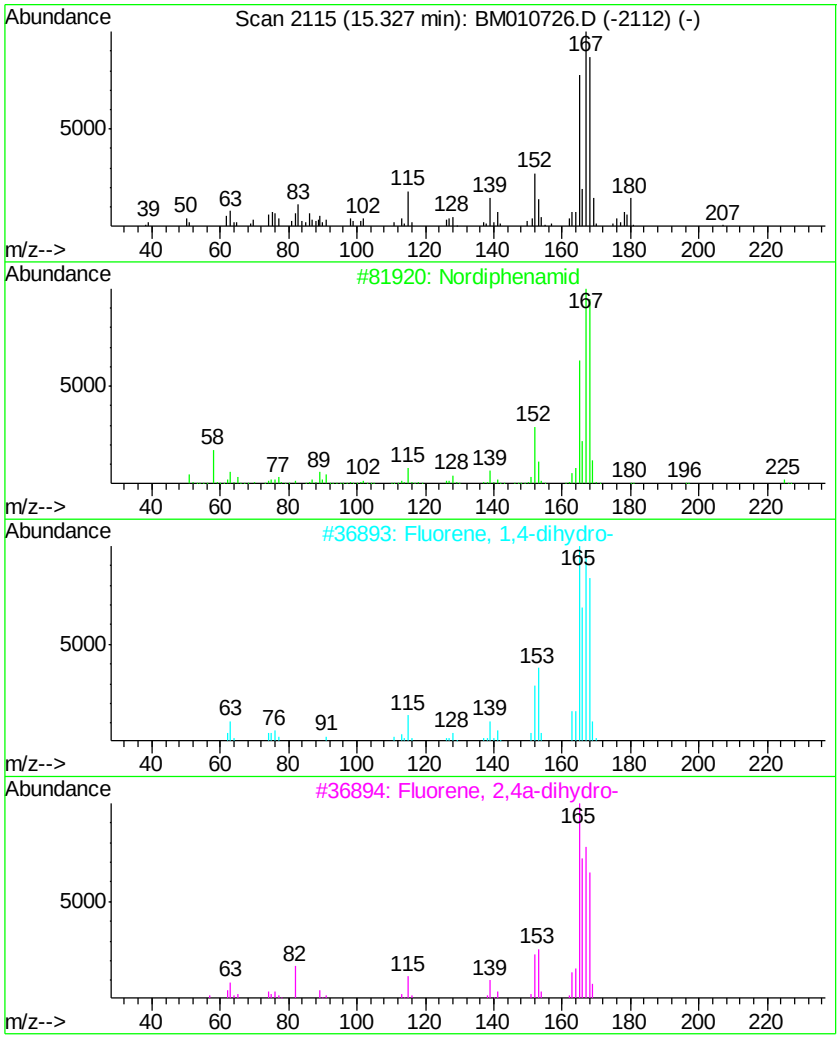
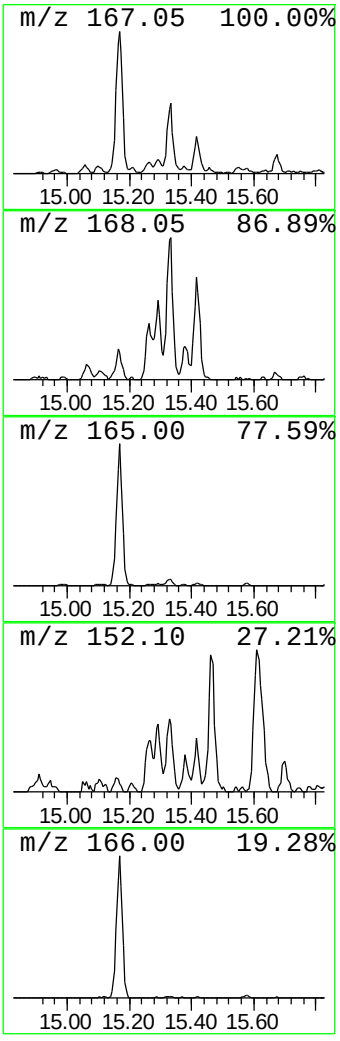
Peak Number 7 Nordiphenamid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.83 ng/ul	221476	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	91
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	78
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	78
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
5	Diphenylmethane	168	C13H12	000101-81-5	58





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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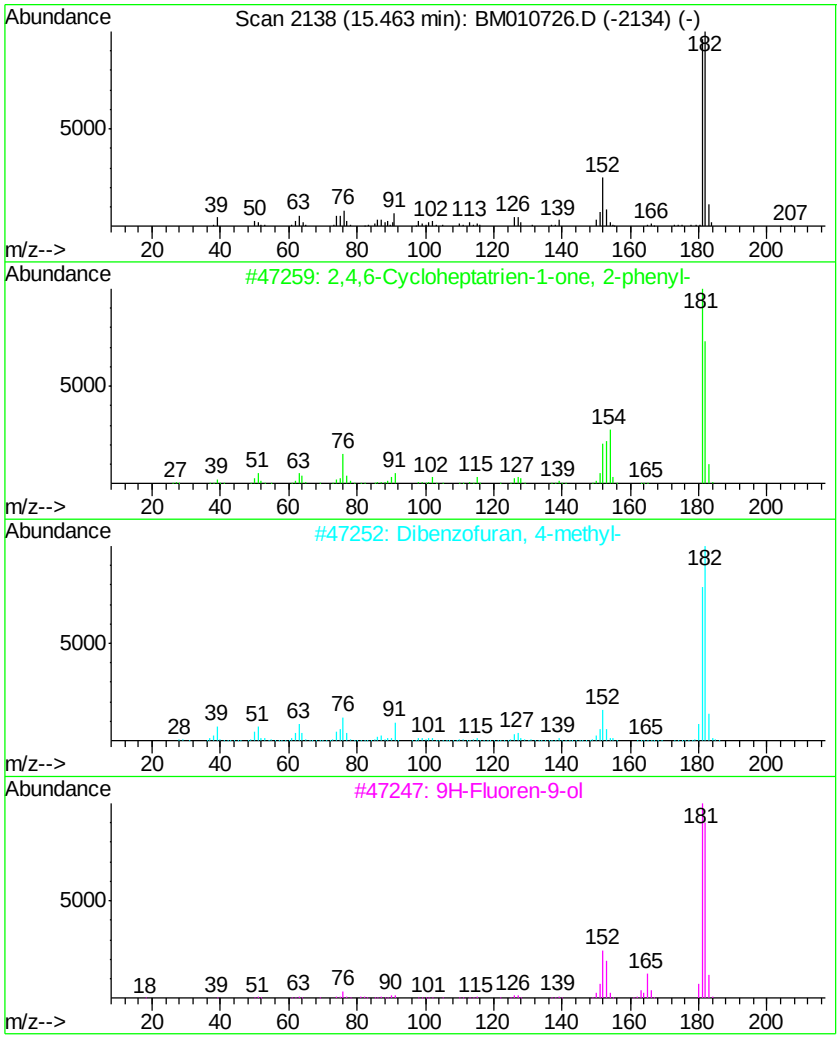
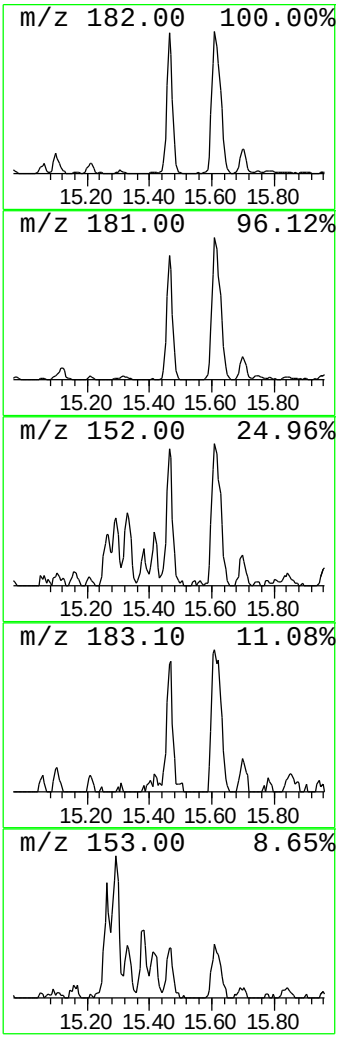
Peak Number 8 2,4,6-Cycloheptatrien-1-one... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	4.25 ng/ul	332519	Acenaphthene-d10	14.11

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	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	9H-Xanthene	182	C13H10O	000092-83-1	64





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ClientSampleId : F5B19ME

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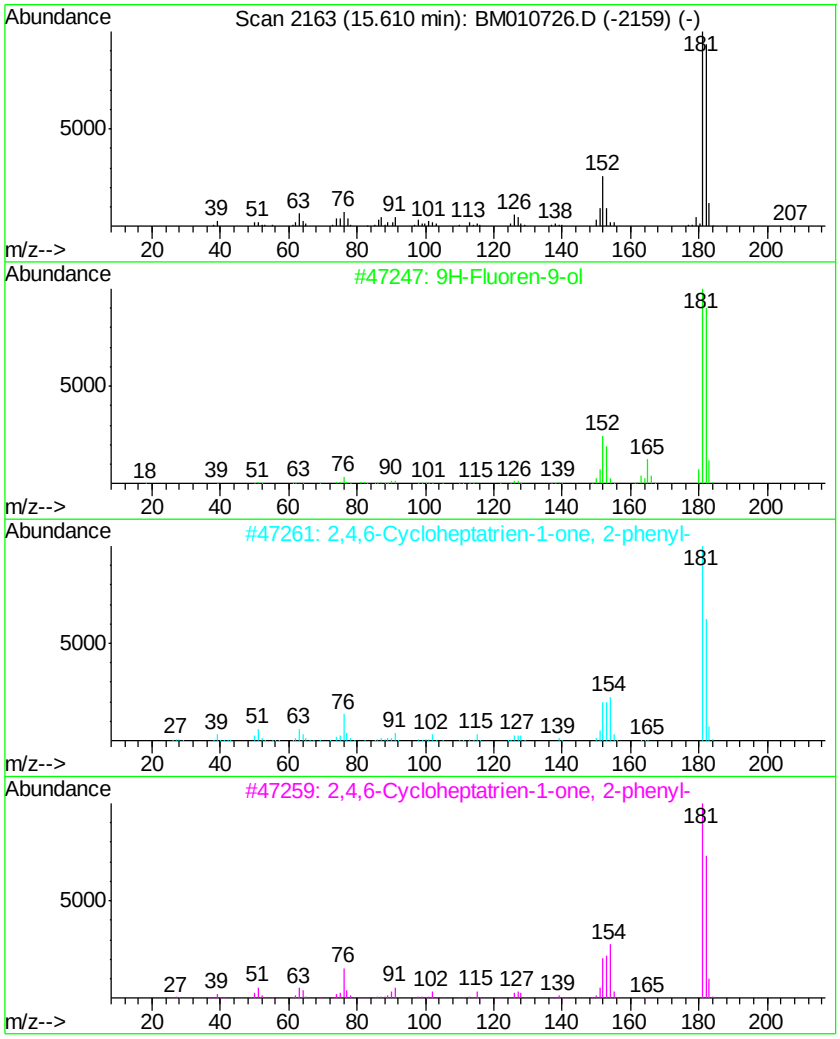
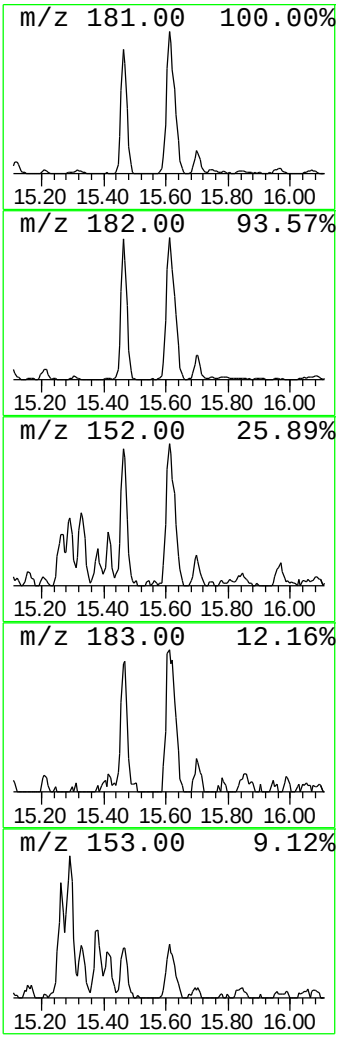
Peak Number 9 9H-Fluoren-9-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	4.95 ng/ul	461205	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





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Sample : I3653-02ME 5X
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ClientSampleId : F5B19ME

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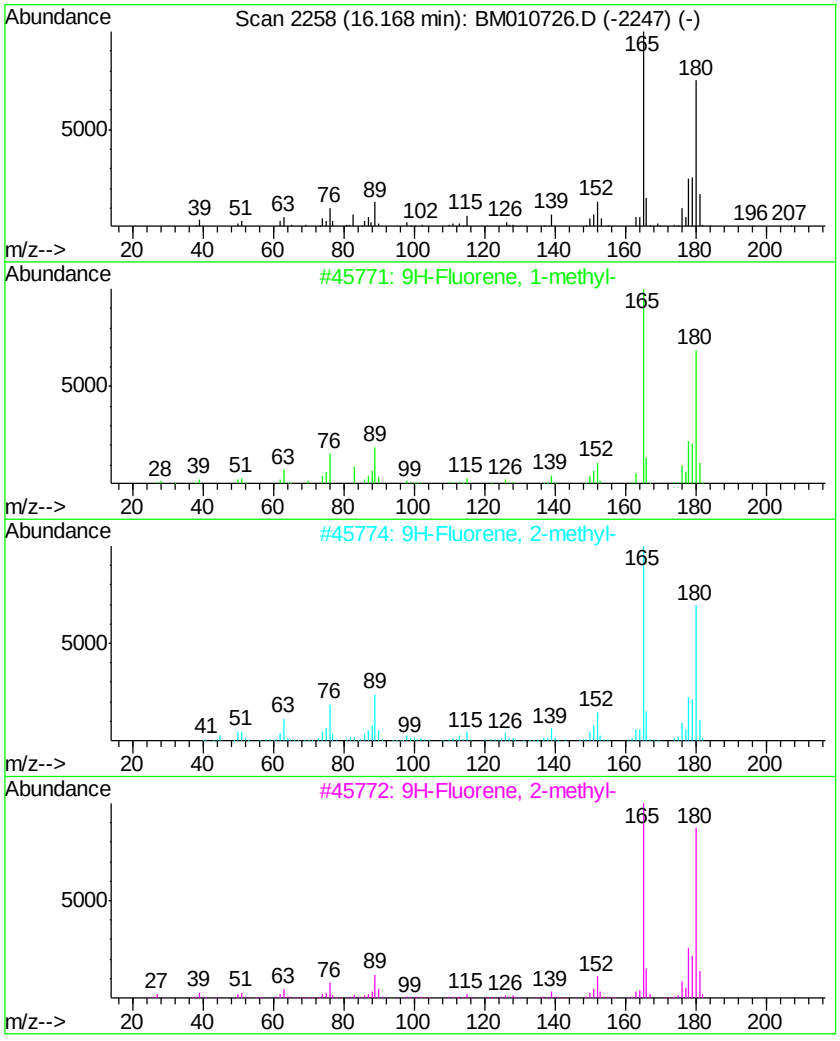
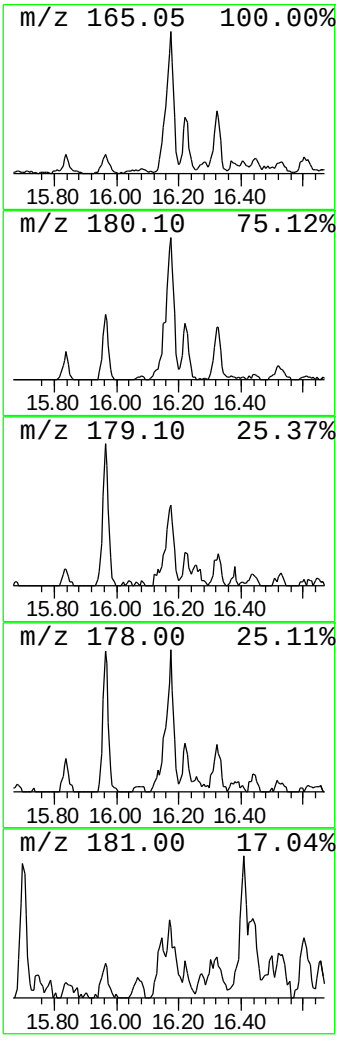
Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	4.05 ng/ul	377312	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	94
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, 1-methyl-	180	C14H12	001730-37-6	90





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Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId : F5B19ME

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Quant Title : SVOA CALIBRATION

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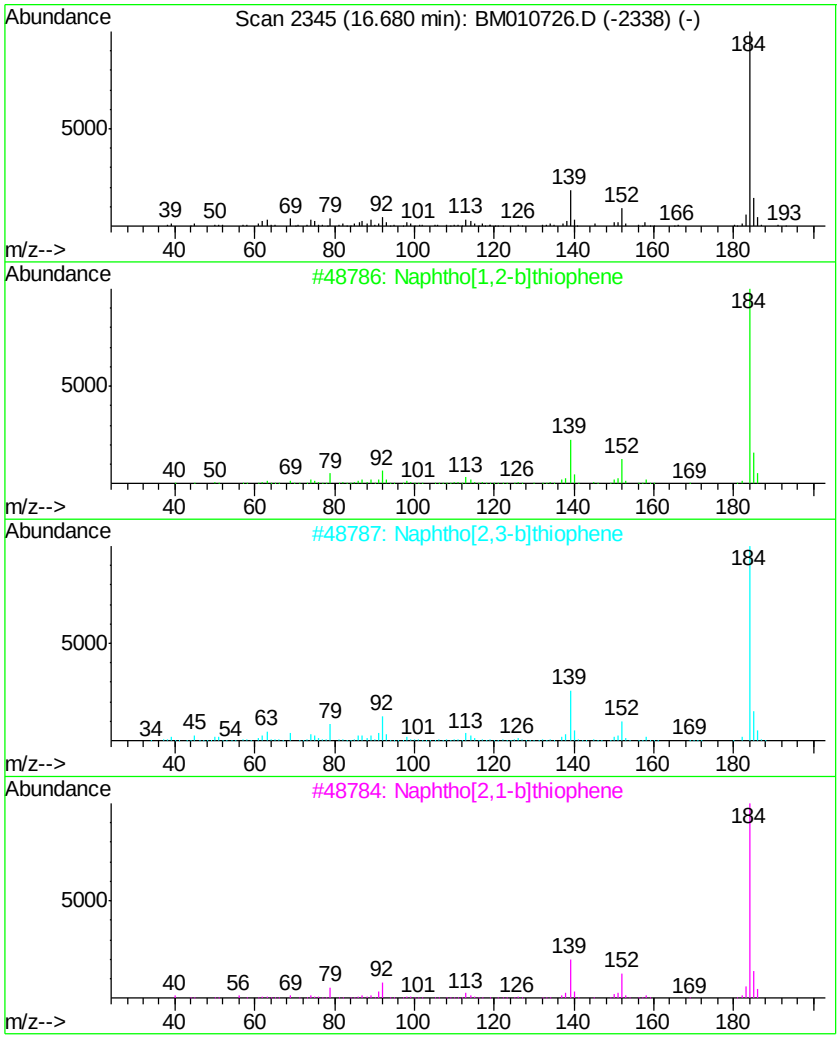
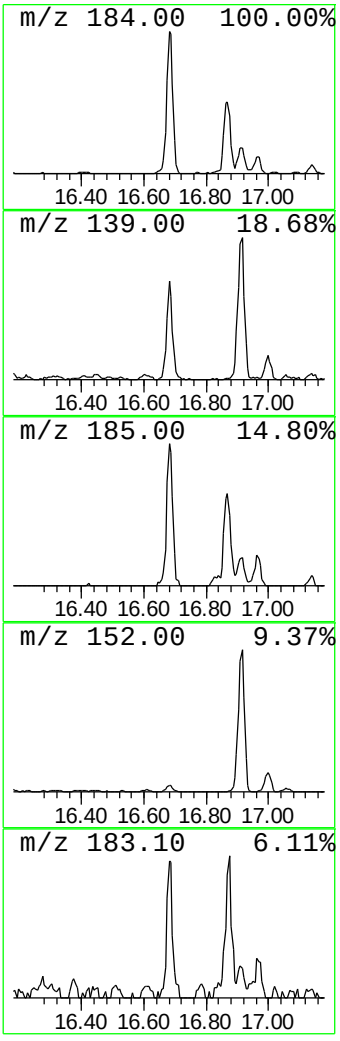
Peak Number 11 Naphtho[1,2-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	5.99 ng/ul	558471	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
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





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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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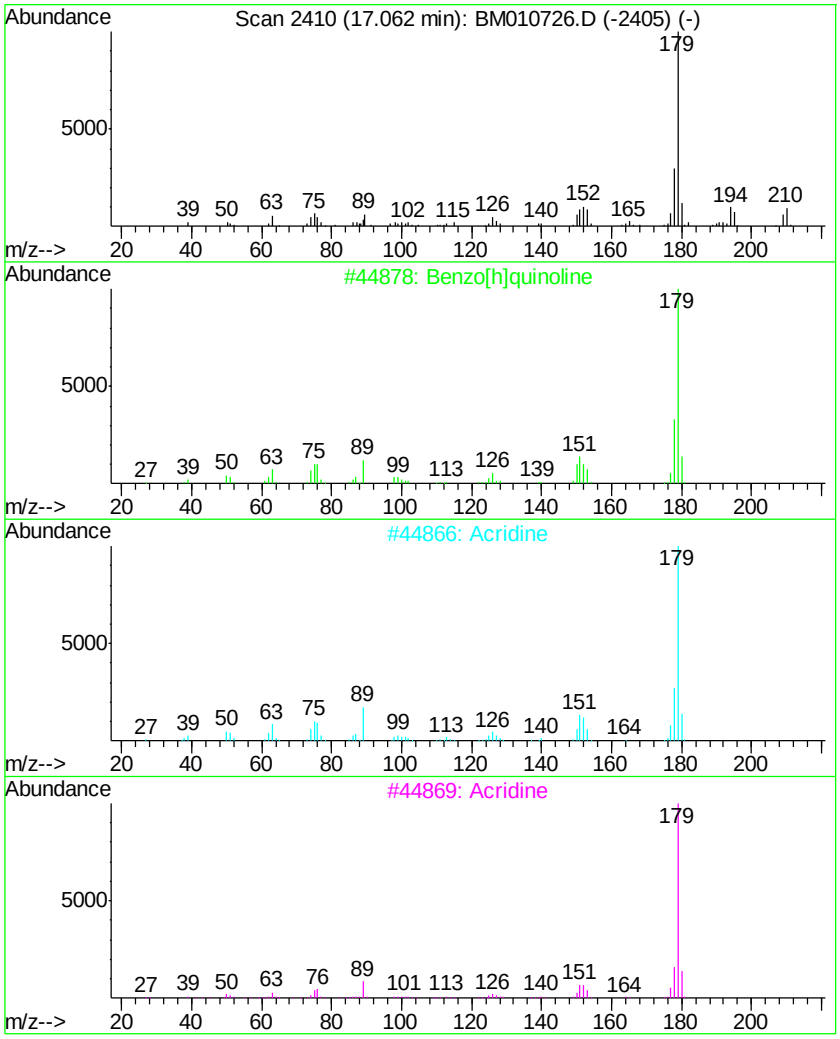
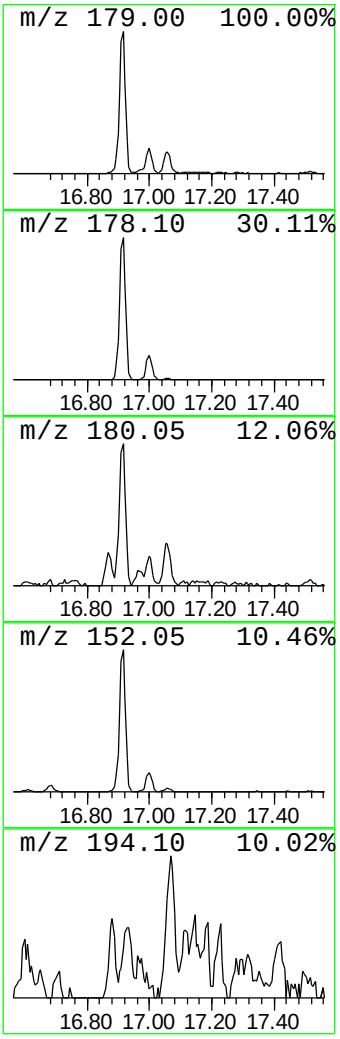
Peak Number 12 Benzo[h]quinoline Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	2.73 ng/ul	254001	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
2	Acridine	179	C13H9N	000260-94-6	95
3	Acridine	179	C13H9N	000260-94-6	94
4	Acridine	179	C13H9N	000260-94-6	94
5	Phenanthridine	179	C13H9N	000229-87-8	90





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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Quant Title : SVOA CALIBRATION

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

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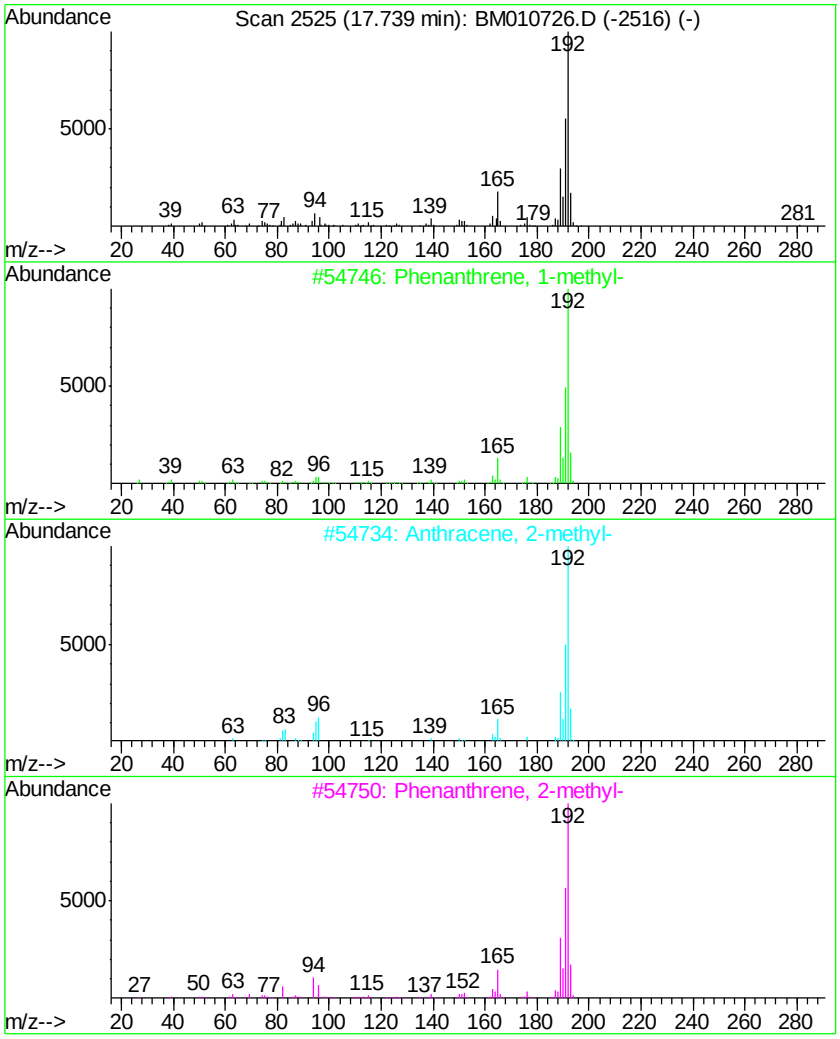
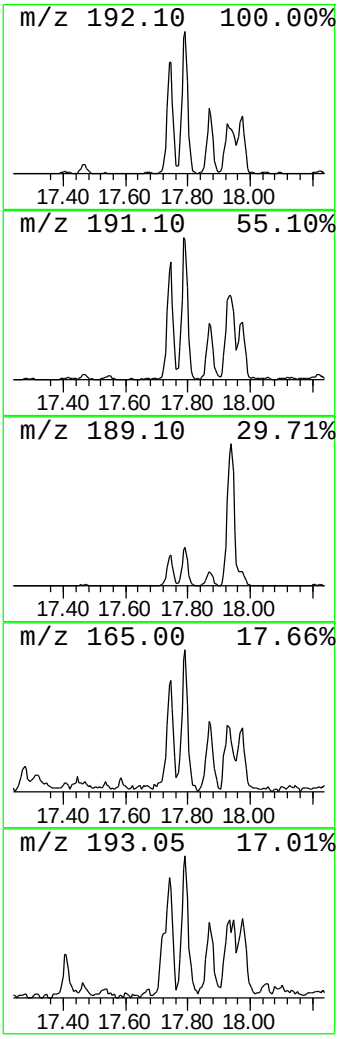
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	5.75 ng/ul	535899	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
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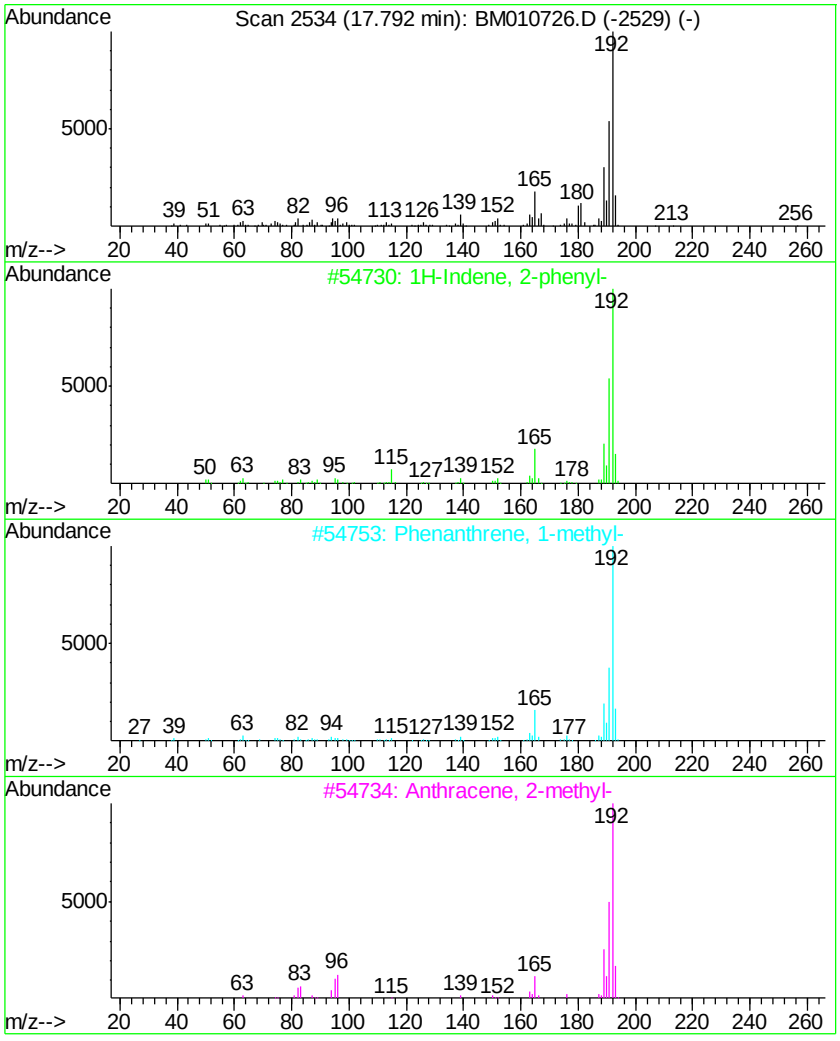
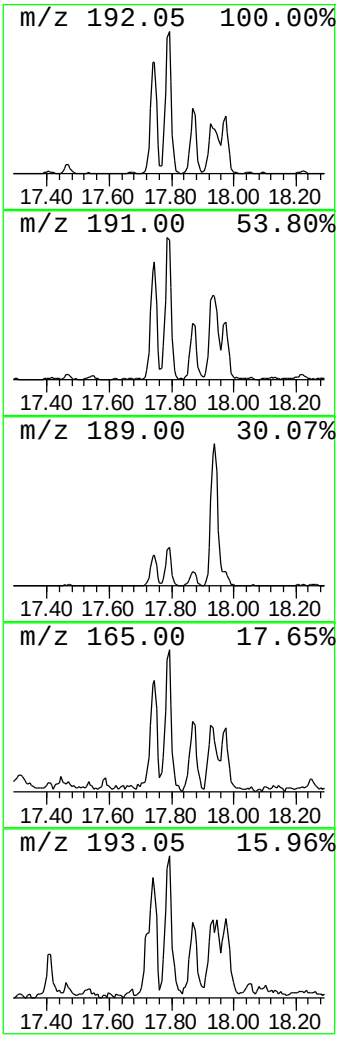
Peak Number 14 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	7.98 ng/ul	743827	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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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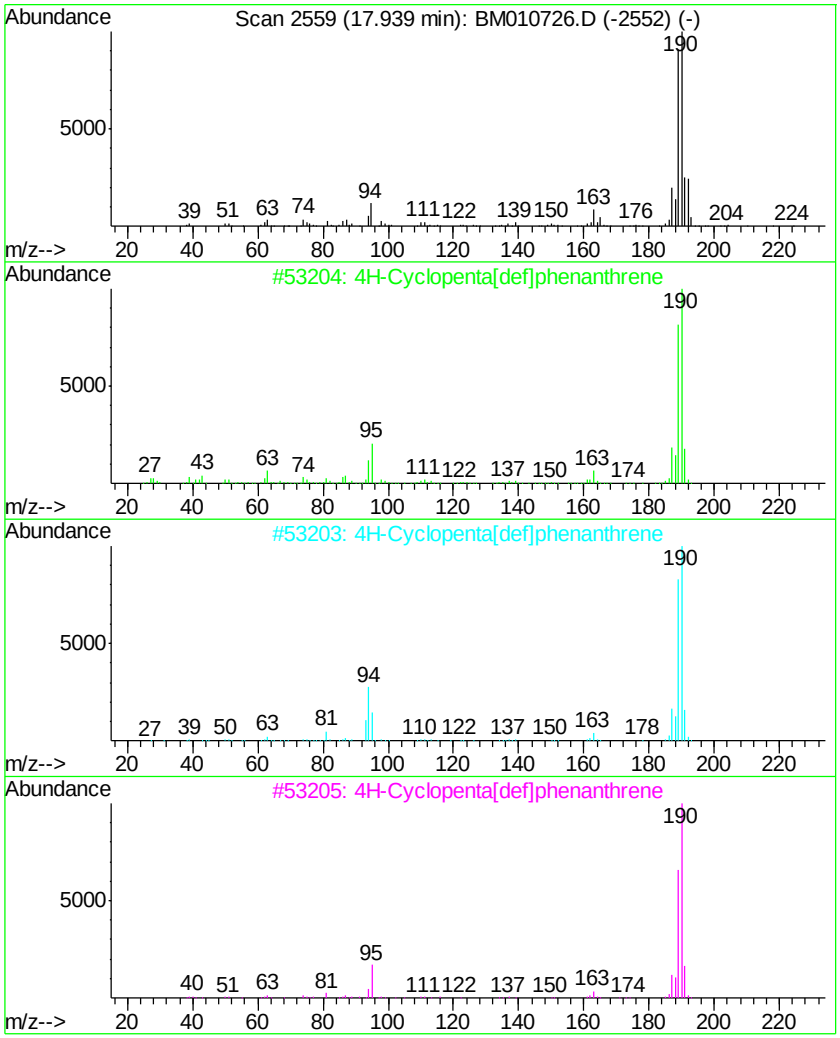
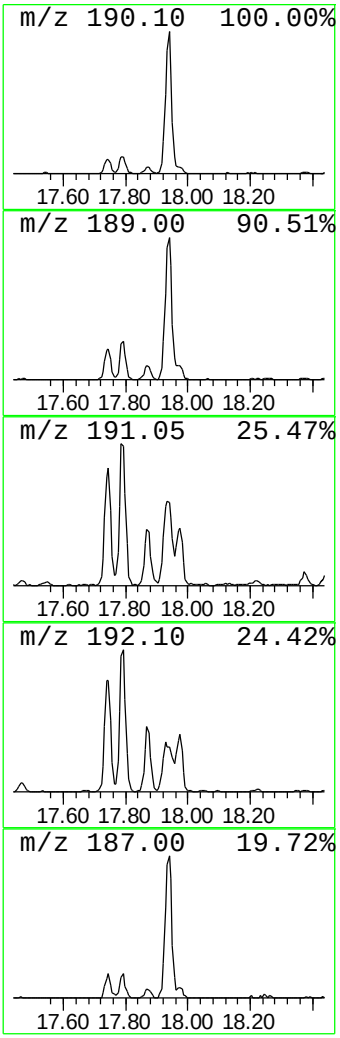
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	11.41 ng/ul	1063610	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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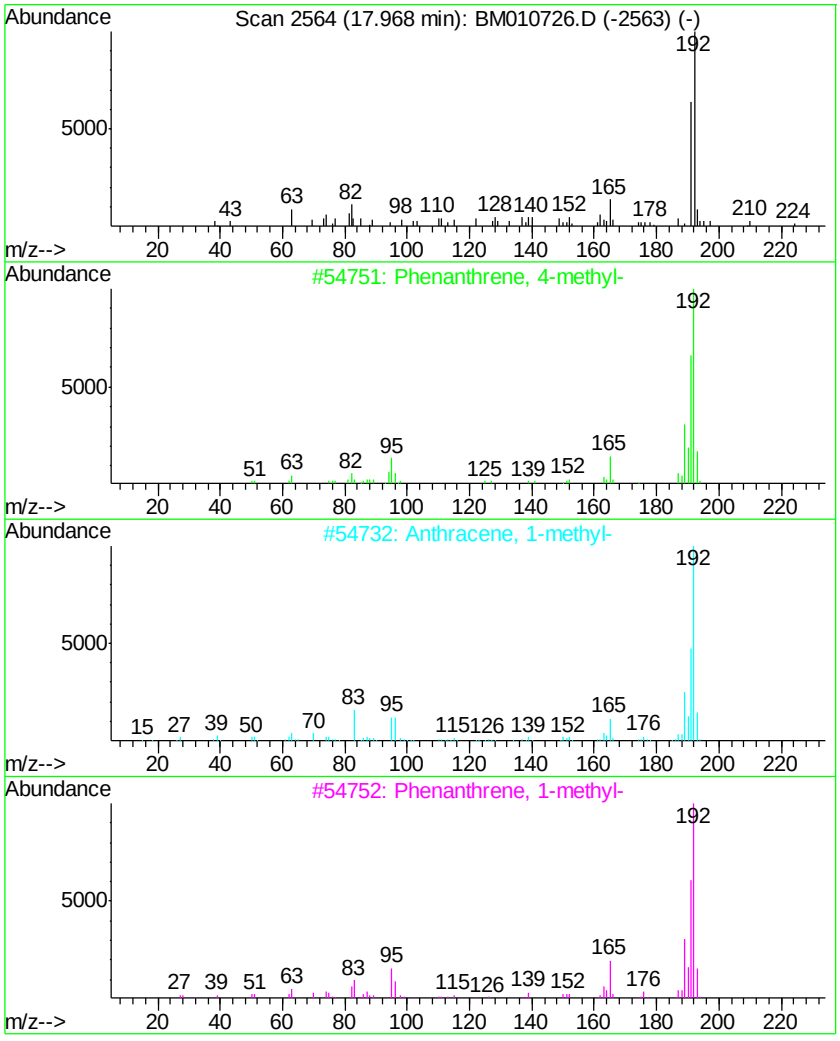
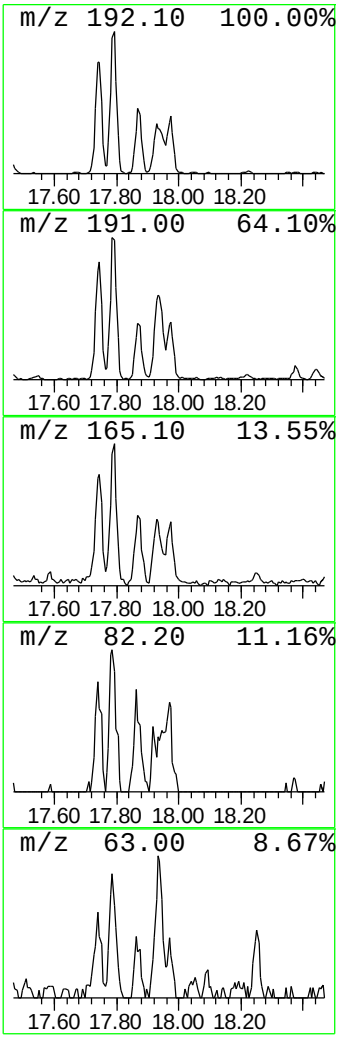
Peak Number 17 Phenanthrene, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.11 ng/ul	196443	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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Instrument : BNA_M
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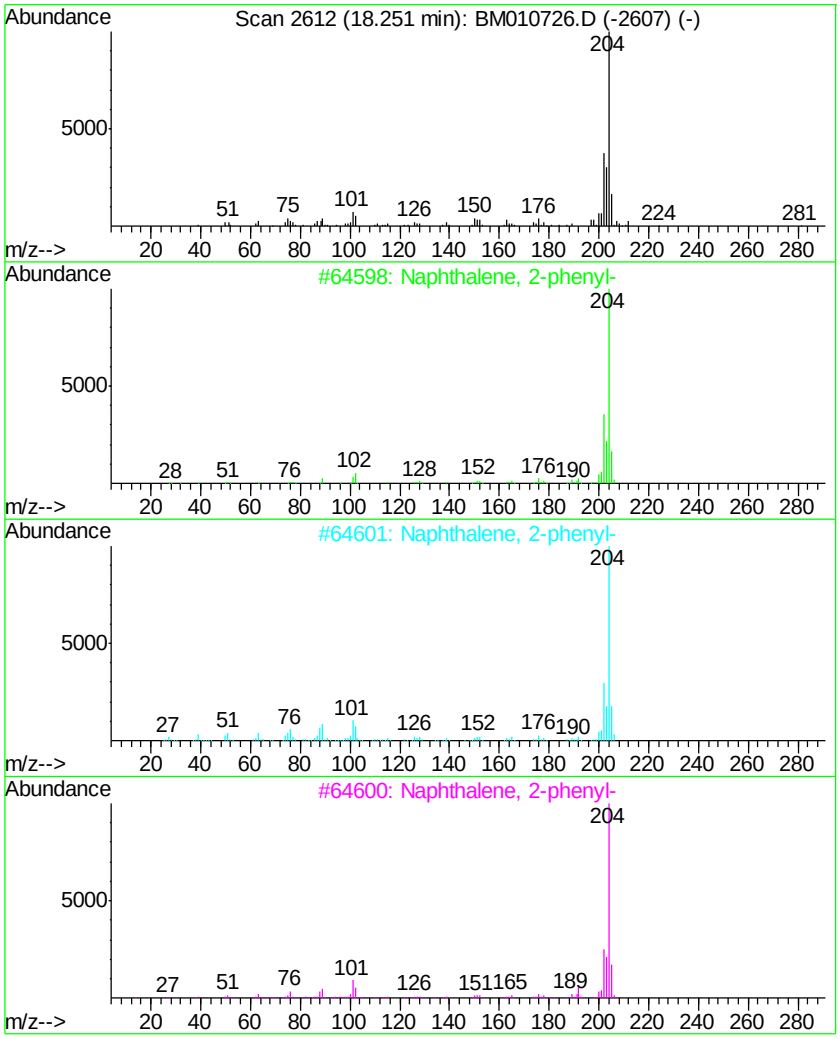
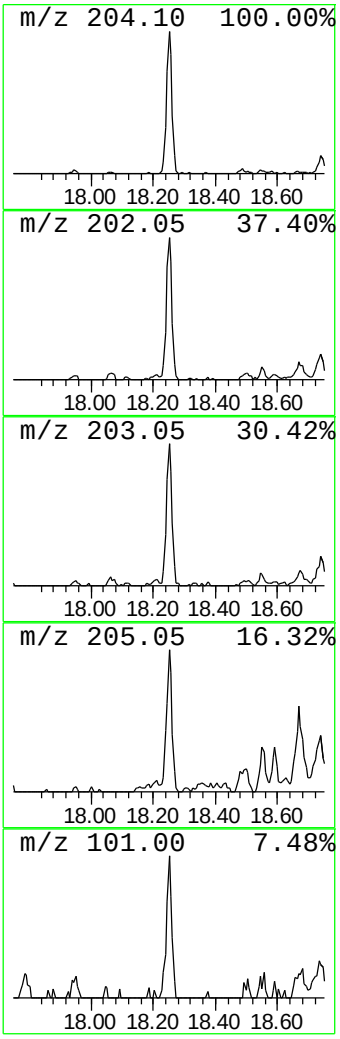
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	3.49 ng/ul	325075	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





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Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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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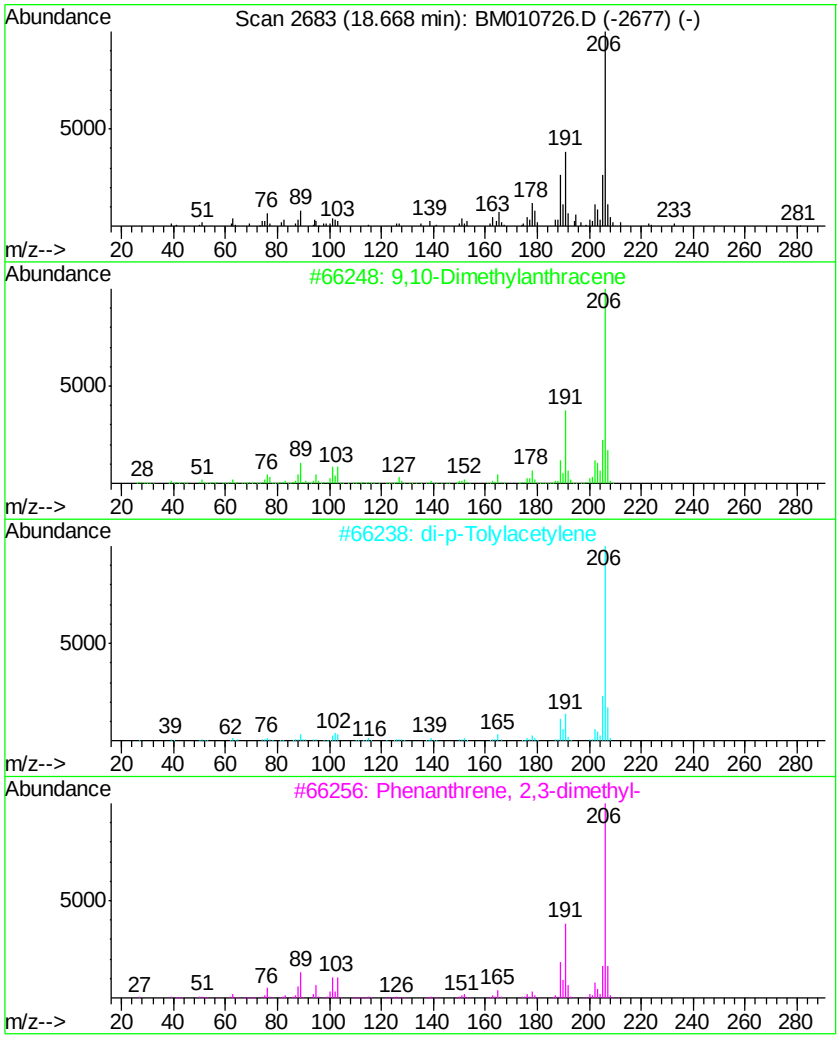
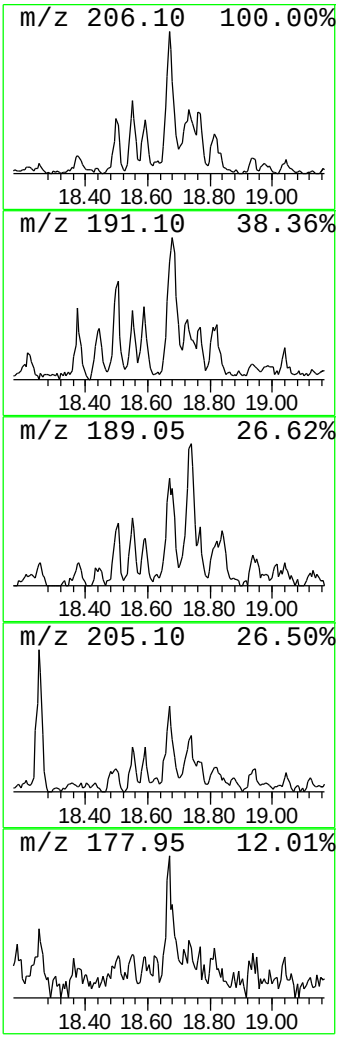
Peak Number 19 9,10-Dimethylanthracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.52 ng/ul	235251	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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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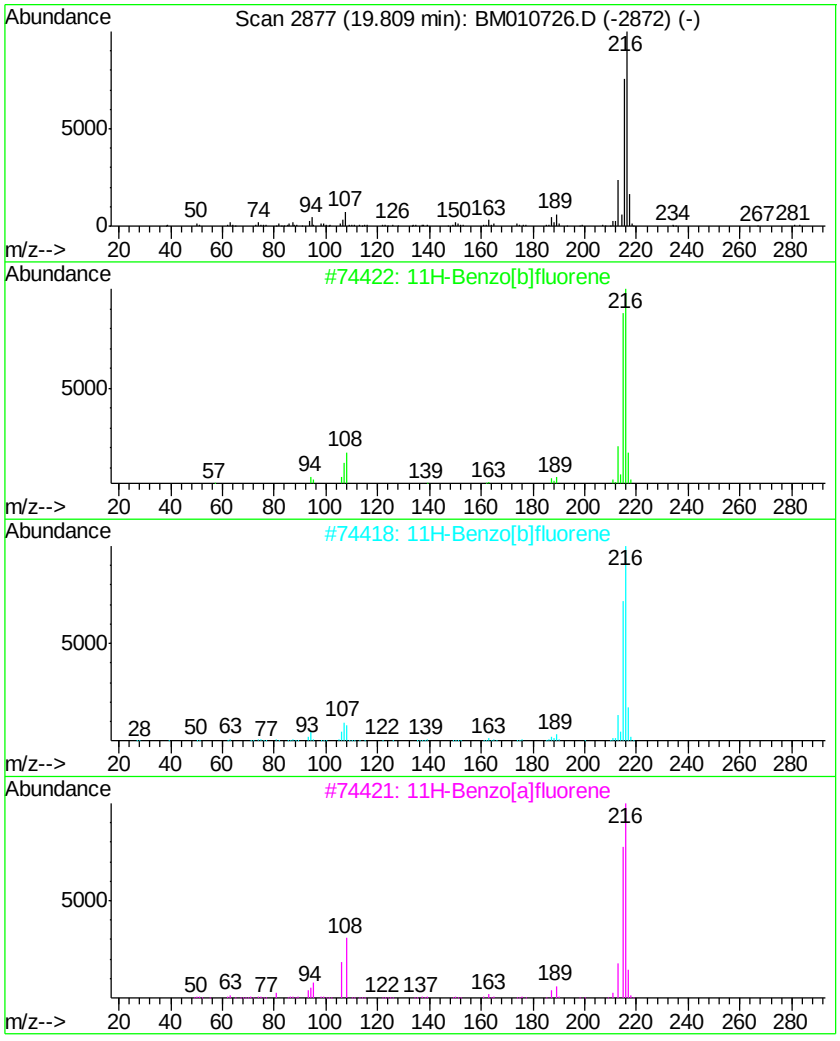
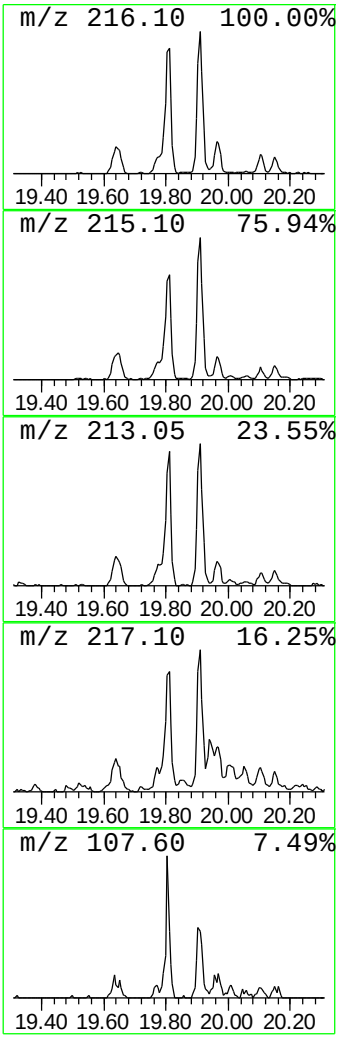
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	3.62 ng/ul	612954	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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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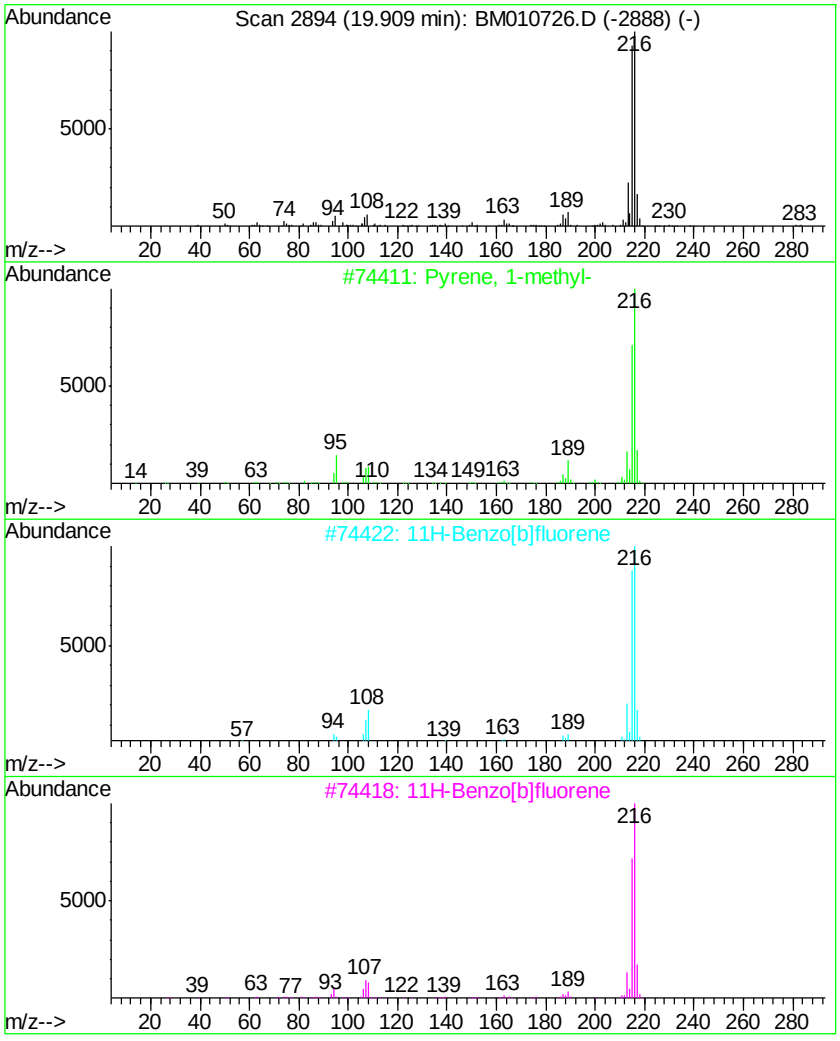
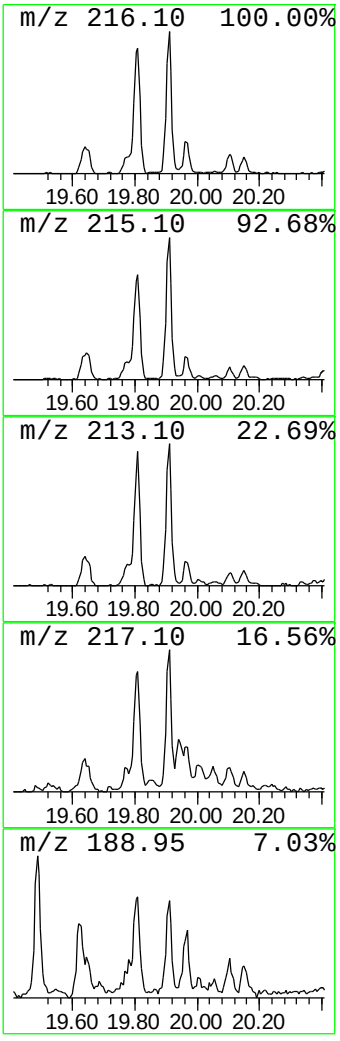
Peak Number 21 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	3.93 ng/ul	665863	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19ME

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	2.9	ng/ul	84855	1	7.46	593567	20.0
Indene	7.99	5.1	ng/ul	152293	1	7.46	593567	20.0
Naphthalene, 1-me...	12.12	18.8	ng/ul	910567	2	10.22	966873	20.0
Naphthalene, 1-et...	13.13	2.4	ng/ul	187638	3	14.11	1563420	20.0
Naphthalene, 1,6-...	13.26	3.4	ng/ul	264501	3	14.11	1563420	20.0
Naphthalene, 1,3-...	13.43	6.1	ng/ul	477338	3	14.11	1563420	20.0
Nordiphenamid	15.33	2.8	ng/ul	221476	3	14.11	1563420	20.0
2,4,6-Cycloheptat...	15.46	4.3	ng/ul	332519	3	14.11	1563420	20.0
9H-Fluoren-9-ol	15.61	5.0	ng/ul	461205	4	16.87	1864010	20.0
9H-Fluorene, 1-me...	16.17	4.0	ng/ul	377312	4	16.87	1864010	20.0
Naphtho[1,2-b]thi...	16.68	6.0	ng/ul	558471	4	16.87	1864010	20.0
Benzo[h]quinoline	17.06	2.7	ng/ul	254001	4	16.87	1864010	20.0
Phenanthrene, 1-m...	17.74	5.8	ng/ul	535899	4	16.87	1864010	20.0
1H-Indene, 2-phenyl-	17.79	8.0	ng/ul	743827	4	16.87	1864010	20.0
4H-Cyclopenta[def...	17.94	11.4	ng/ul	1063610	4	16.87	1864010	20.0
Phenanthrene, 4-m...	17.97	2.1	ng/ul	196443	4	16.87	1864010	20.0
Naphthalene, 2-ph...	18.25	3.5	ng/ul	325075	4	16.87	1864010	20.0
9,10-Dimethylanth...	18.67	2.5	ng/ul	235251	4	16.87	1864010	20.0
11H-Benzo[b]fluorene	19.81	3.6	ng/ul	612954	5	21.08	3387170	20.0
Pyrene, 1-methyl-	19.91	3.9	ng/ul	665863	5	21.08	3387170	20.0