LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM072715.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	6.787	692	697	706	rVB	33916	54951	2.66%	0.244%
2	6.939	716	723	729	rBB	27328	39300	1.90%	0.174%
3	7.134	751	756	763	rBB	34947	53922	2.61%	0.239%
4	7.598	828	835	843	rBB	233244	371724	17.97%	1.649%
5	8.322	953	958	965	rBB	43643	68350	3.30%	0.303%
6	8.428	970	976	982	rBV	13659	21032	1.02%	0.093%
7	8.763	1028	1033	1041	rBB	34599	53474	2.59%	0.237%
8	9.486	1151	1156	1161	rBB	24900	38514	1.86%	0.171%
9	10.028	1240	1248	1257	rBB	48992	76571	3.70%	0.340%
10	10.392	1303	1310	1316	rBV	359645	578390	27.97%	2.566%
11	10.439	1316	1318	1324	rVB	20796	27742	1.34%	0.123%
12	10.539	1330	1335	1342	rBV	31671	51890	2.51%	0.230%
13	12.063	1588	1594	1602	rBB	25291	40113	1.94%	0.178%
14	12.286	1628	1632	1640	rVB	19384	29776	1.44%	0.132%
15	13.433	1819	1827	1833	rBV4	8499	20843	1.01%	0.092%
16	13.586	1847	1853	1858	rBV2	19151	29634	1.43%	0.131%
17	13.639	1858	1862	1864	rVV	12524	15301	0.74%	0.068%
18	13.680	1864	1869	1873	rVV	90812	124082	6.00%	0.550%
19	13.727	1873	1877	1881	rVB	27524	33827	1.64%	0.150%
20	13.821	1888	1893	1899	rBV2	9522	13797	0.67%	0.061%
21	13.963	1911	1917	1927	rBV	105924	167645	8.11%	0.744%
22	14.268	1961	1969	1975	rBV2	547901	826070	39.94%	3.665%
23	14.333	1975	1980	1988	rVB	129105	178890	8.65%	0.794%
24	14.515	2006	2011	2017	rVV	26004	41912	2.03%	0.186%
25	14.580	2017	2022	2027	rVV3	8309	14393	0.70%	0.064%
26	14.668	2030	2037	2044	rVV	84861	116674	5.64%	0.518%
27	15.268	2130	2139	2143	rBV	135569	197088	9.53%	0.874%
28	15.321	2143	2148	2159	rVB	135756	189235	9.15%	0.839%
29	15.415	2159	2164	2166	rBV2	13330	18432	0.89%	0.082%
30	15.445	2166	2169	2172	rVV3	22124	27945	1.35%	0.124%
31	15.486	2172	2176	2180	rVV2	21966	31090	1.50%	0.138%
32	15.533	2180	2184	2187	rVV3	10807	16187	0.78%	0.072%
33	15.568	2187	2190	2194	rVV2	14223	20680	1.00%	0.092%
34	15.615	2194	2198	2204	rVB	29583	42547	2.06%	0.189%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

35	15.762	2219	2223	2232	rVV	31822	56458	2.73%	0.250%
36	15.851	2232	2238	2243	rVB3	6608	12303	0.59%	0.055%
37	16.004	2253	2264	2268	rVB6	10463	23472	1.13%	0.104%
38	16.304	2306	2315	2316	rVV5	17615	28285	1.37%	0.125%
39	16.327	2316	2319	2324	rVV2	31587	47392	2.29%	0.210%
40	16.374	2324	2327	2332	rVV3	21026	32105	1.55%	0.142%
41	16.480	2341	2345	2349	rVB2	15742	22136	1.07%	0.098%
42	16.527	2349	2353	2355	rBV	9151	12281	0.59%	0.054%
43	16.557	2355	2358	2361	rVV2	14180	22165	1.07%	0.098%
44	16.598	2361	2365	2369	rVV3	22673	36062	1.74%	0.160%
45	16.680	2374	2379	2386	rVV	56959	79818	3.86%	0.354%
46	16.774	2387	2395	2400	rVV2	39903	81388	3.94%	0.361%
47	16.839	2400	2406	2415	rVB	96266	141186	6.83%	0.626%
48	17.021	2431	2437	2441	rBV	698930	1038856	50.23%	4.608%
49	17.068	2441	2445	2450	rVV	1339276	1815053	87.76%	8.052%
50	17.121	2450	2454	2456	rVV	175442	232777	11.26%	1.033%
51	17.156	2456	2460	2465	rVV	315449	431096	20.84%	1.912%
52	17.209	2465	2469	2475	rVB3	20553	36315	1.76%	0.161%
53	17.298	2480	2484	2488	rBV4	8274	14943	0.72%	0.066%
54	17.404	2498	2502	2503	rBV	14227	16460	0.80%	0.073%
55	17.433	2503	2507	2515	rVB	111297	161139	7.79%	0.715%
56	17.539	2522	2525	2529	rVB	27964	34217	1.65%	0.152%
57	17.603	2531	2536	2541	rVV2	54731	80603	3.90%	0.358%
58	17.739	2555	2559	2569	rVB	34811	68346	3.30%	0.303%
59	17.815	2569	2572	2578	rBV3	17806	30149	1.46%	0.134%
60	17.898	2580	2586	2590	rVV	214425	305581	14.78%	1.356%
61	17.945	2590	2594	2600	rVB	286141	382591	18.50%	1.697%
62	18.027	2601	2608	2612	rBV	86155	128430	6.21%	0.570%
63	18.092	2612	2619	2623	rBV2	285681	520729	25.18%	2.310%
64	18.127	2623	2625	2633	rVB	147053	183299	8.86%	0.813%
65	18.209	2633	2639	2642	rBV3	24067	39044	1.89%	0.173%
66	18.250	2642	2646	2649	rVB3	17890	22815	1.10%	0.101%
67	18.298	2649	2654	2658	rBV4	24438	34598	1.67%	0.153%
68	18.351	2658	2663	2665	rBV5	15013	26374	1.28%	0.117%
69	18.398	2667	2671	2675	rVV	148776	204709	9.90%	0.908%
70	18.451	2675	2680	2686	rVV	114840	164252	7.94%	0.729%
71	18.527	2689	2693	2697	rBV	27724	31214	1.51%	0.138%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

72	18.650	2710	2714	2718	rVB	58274	80929	3.91%	0.359%
73	18.703	2719	2723	2726	rVV	44350	58646	2.84%	0.260%
74	18.739	2726	2729	2733	rVB2	44919	53210	2.57%	0.236%
75	18.821	2738	2743	2748	rBV	109288	201760	9.76%	0.895%
76	18.968	2763	2768	2777	rBV4	76234	161392	7.80%	0.716%
77	19.092	2783	2789	2794	rBV	1520740	1947468	94.16%	8.639%
78	19.150	2795	2799	2802	rBV2	38045	51527	2.49%	0.229%
79	19.186	2802	2805	2809	rBV	43848	55835	2.70%	0.248%
80	19.333	2827	2830	2834	rBV	53896	62365	3.02%	0.277%
81	19.427	2841	2846	2848	rBV3	460944	694050	33.56%	3.079%
82	19.456	2848	2851	2859	rVV	1507987	1961678	94.85%	8.702%
83	19.527	2859	2863	2869	rVV3	72080	117008	5.66%	0.519%
84	19.639	2879	2882	2887	rVB	58305	73957	3.58%	0.328%
85	19.697	2887	2892	2897	rVB2	60703	96165	4.65%	0.427%
86	19.792	2901	2908	2912	rBV2	117557	278575	13.47%	1.236%
87	19.915	2925	2929	2930	rBV2	83160	107540	5.20%	0.477%
88	19.950	2932	2935	2940	rVB	213173	308644	14.92%	1.369%
89	20.050	2949	2952	2956	rBV	144862	183452	8.87%	0.814%
90	20.109	2959	2962	2966	rVV2	159362	232658	11.25%	1.032%
91	20.145	2966	2968	2973	rVB	74233	96730	4.68%	0.429%
92	20.250	2983	2986	2990	rBV	107060	134723	6.51%	0.598%
93	20.297	2991	2994	2998	rVB	125936	152402	7.37%	0.676%
94	20.703	3060	3063	3067	rVB	127322	157001	7.59%	0.696%
95	20.909	3095	3098	3101	rVB	130367	139951	6.77%	0.621%
96	21.221	3145	3151	3155	rBV3	1005482	2068201	100.00%	9.175%
97	21.262	3155	3158	3164	rVB	681609	826681	39.97%	3.667%
98	22.774	3411	3415	3420	rBV	331248	678661	32.81%	3.011%
99	23.338	3507	3511	3518	rVB	381630	650305	31.44%	2.885%
100	23.438	3523	3528	3532	rVV	398851	680162	32.89%	3.017%

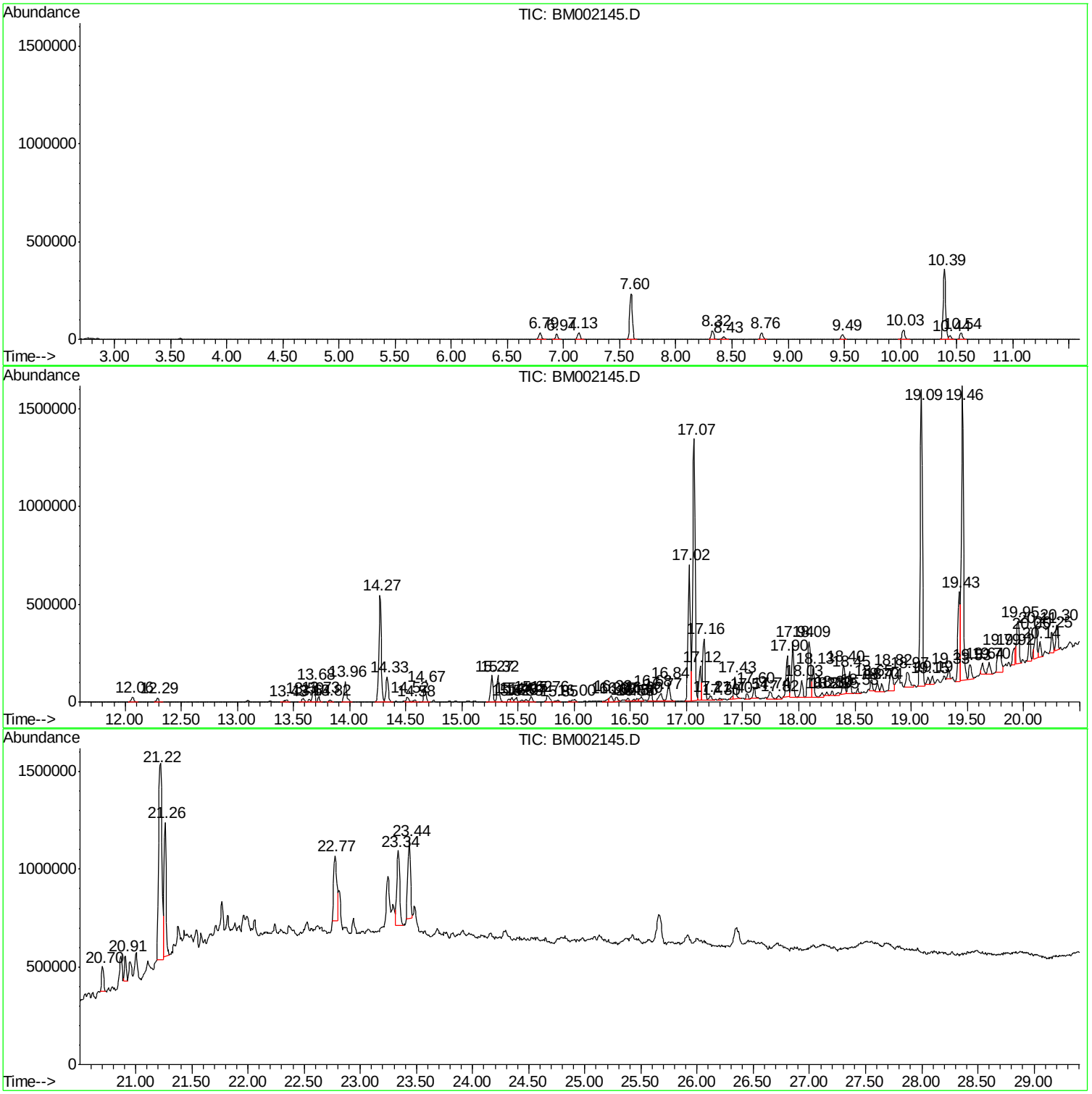
Sum of corrected areas: 22542338

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

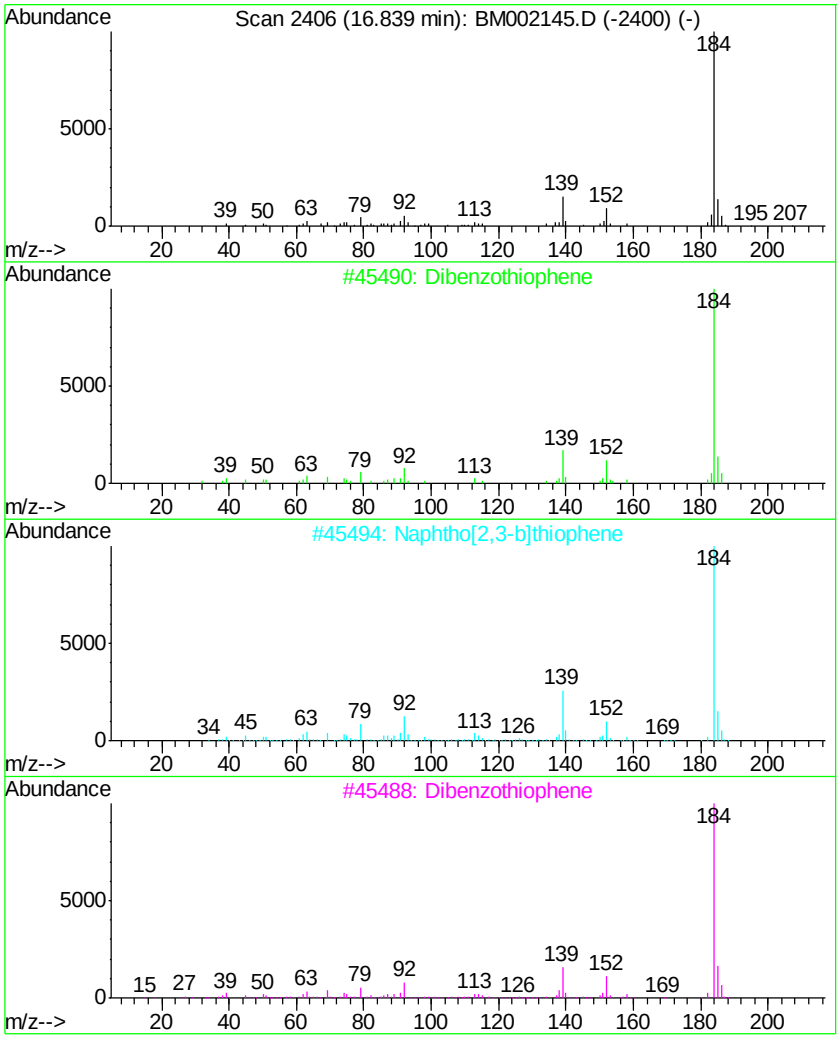
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

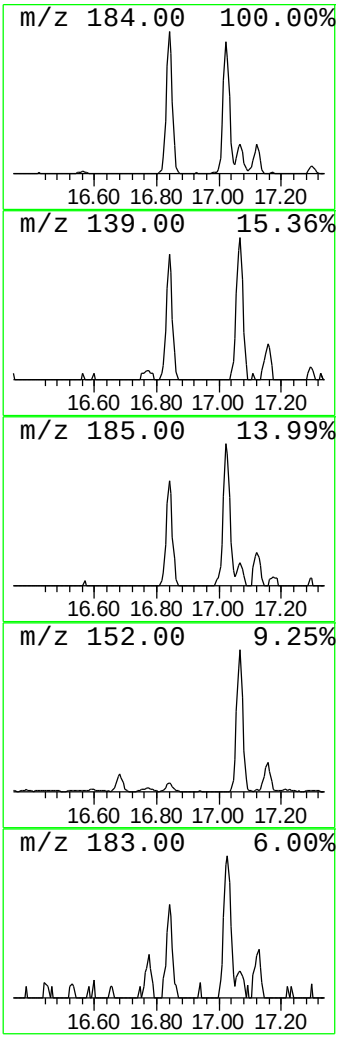
****

Peak Number 1 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.72 ng/ul	141186	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

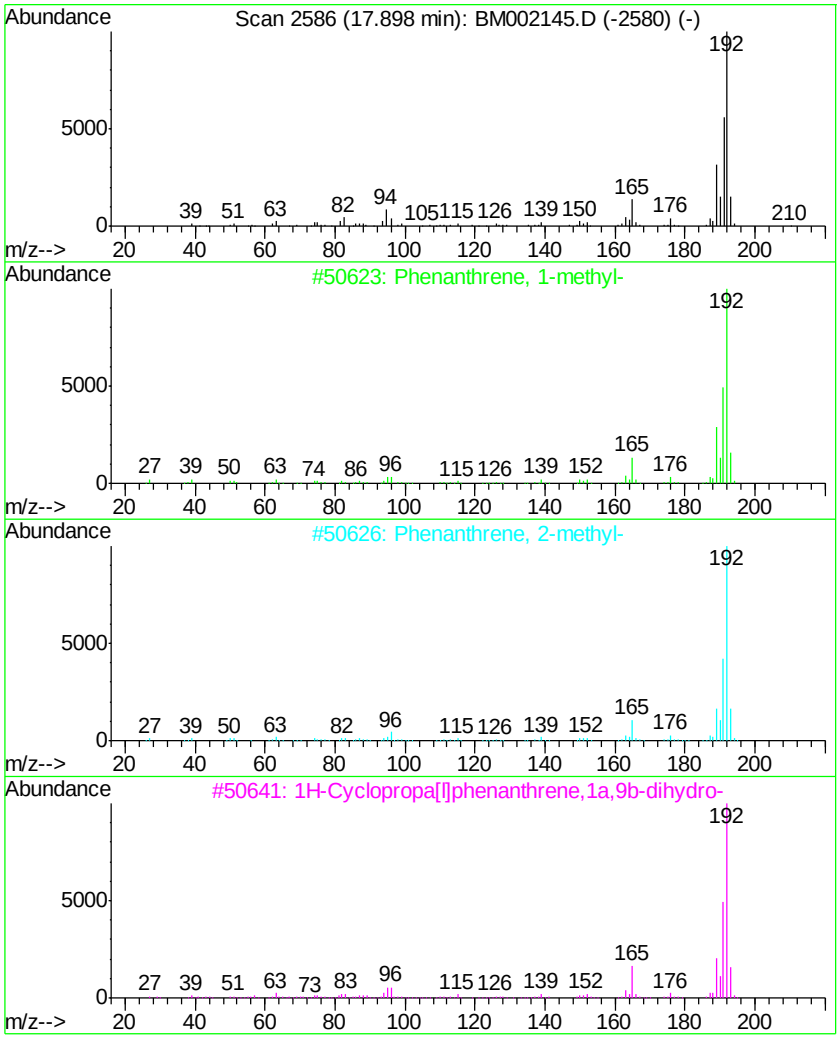
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

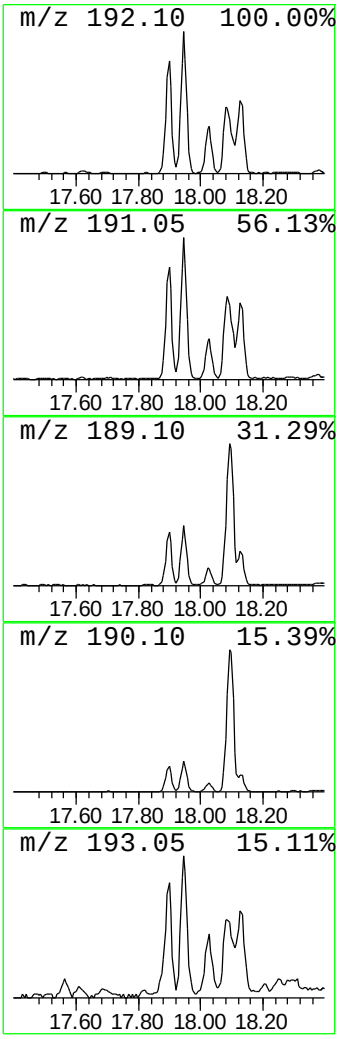
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	5.88 ng/ul	305581	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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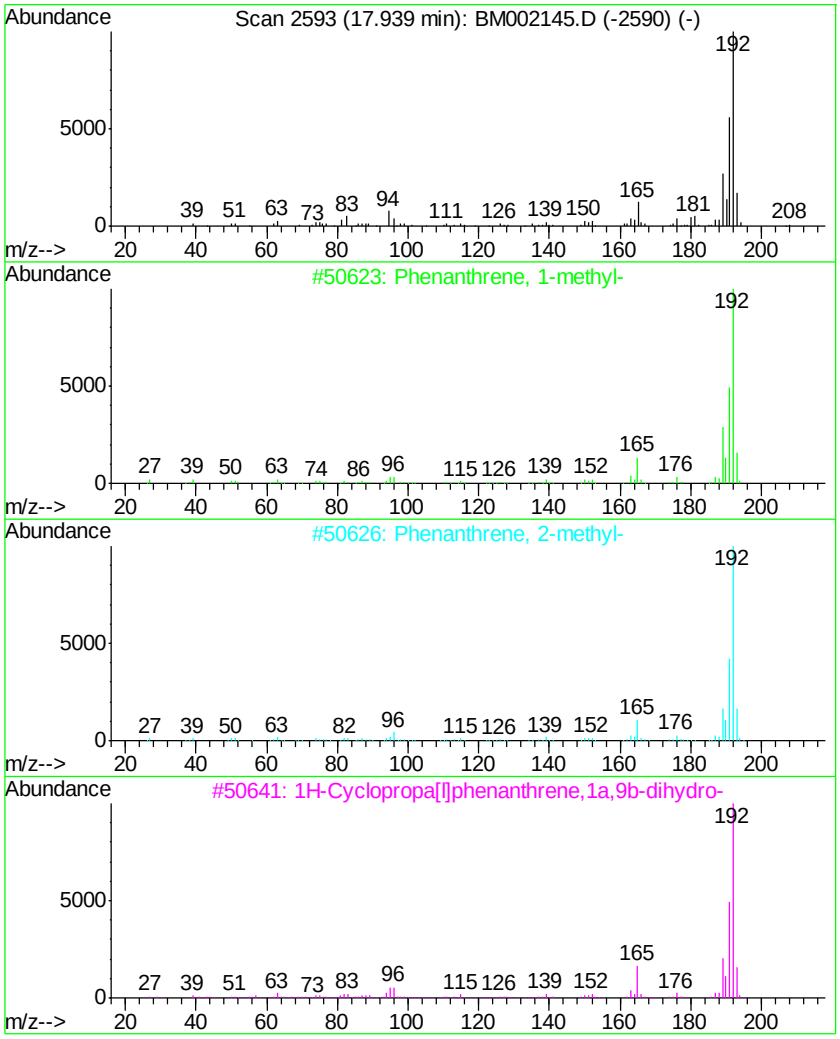
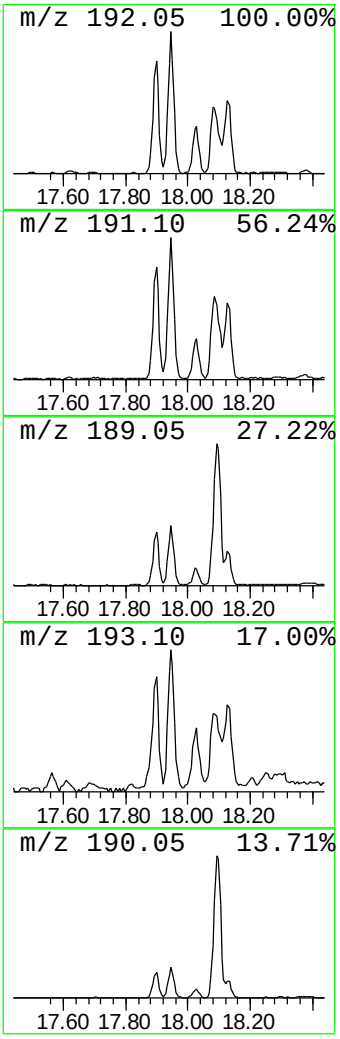
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	7.37 ng/ul	382591	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

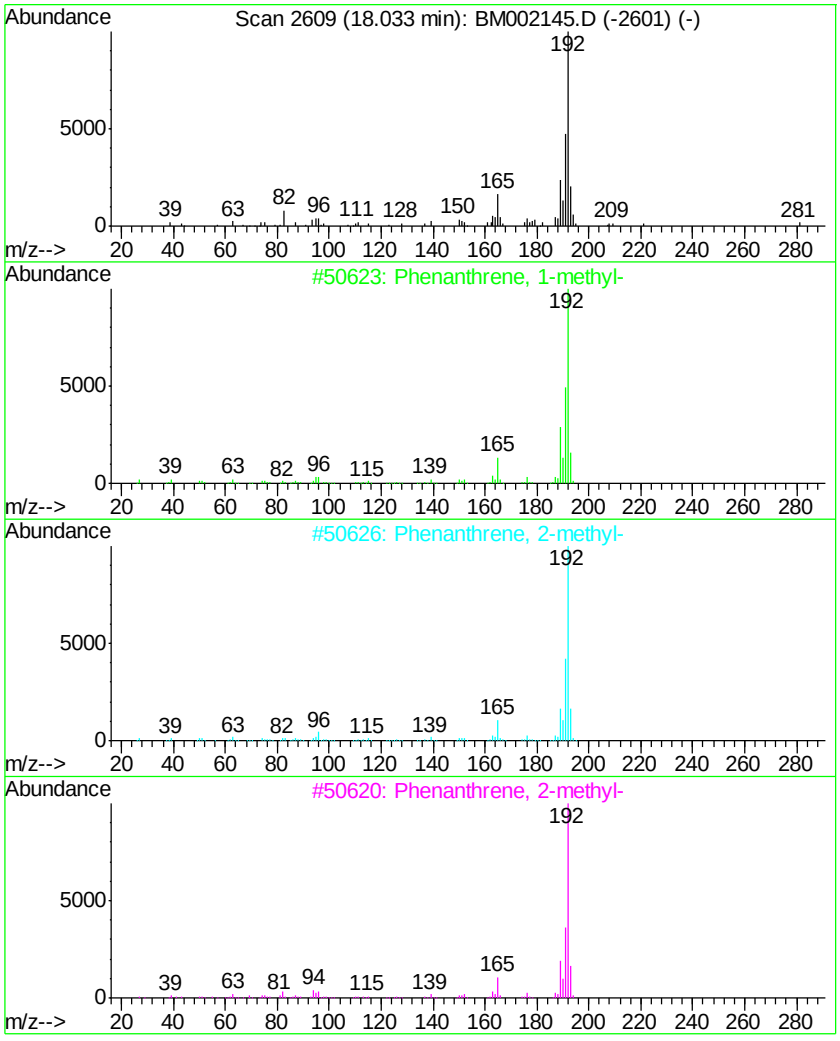
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

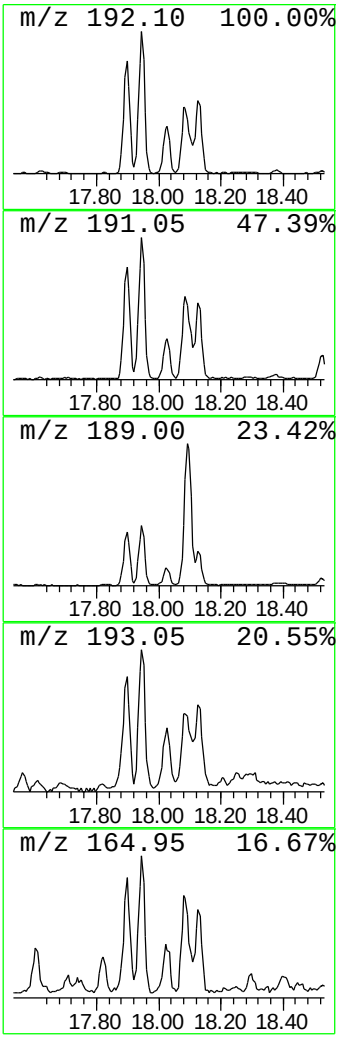
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.47 ng/ul	128430	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

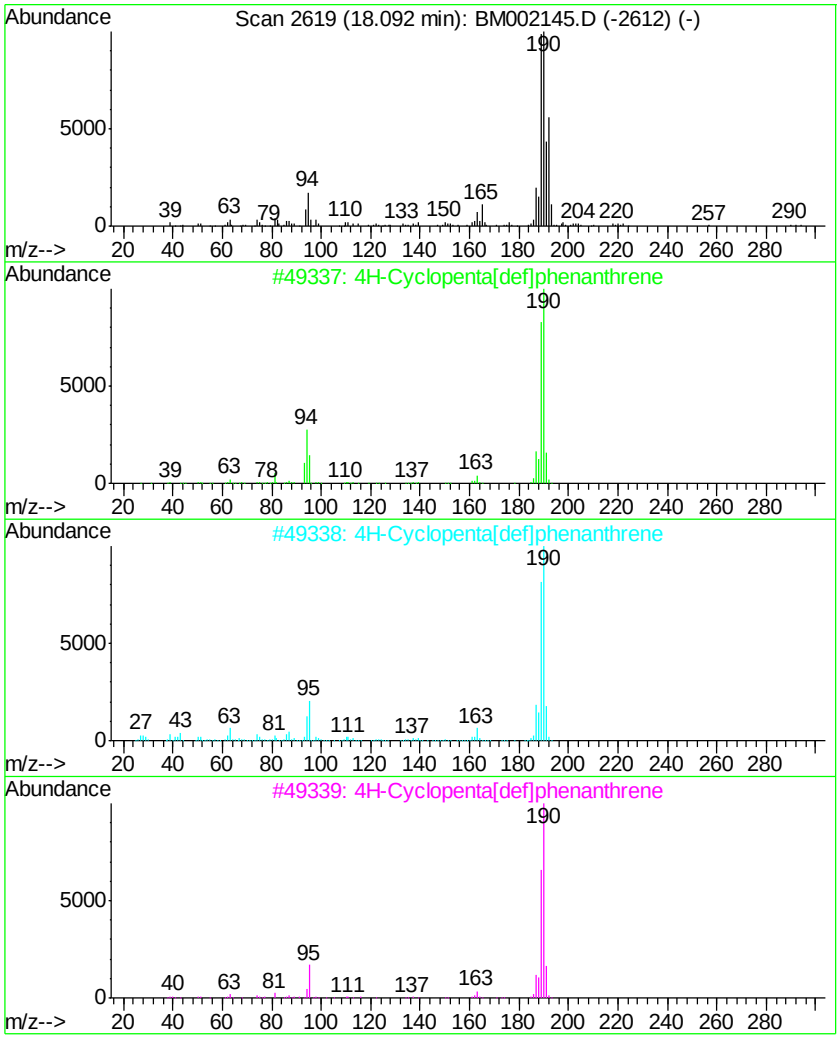
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

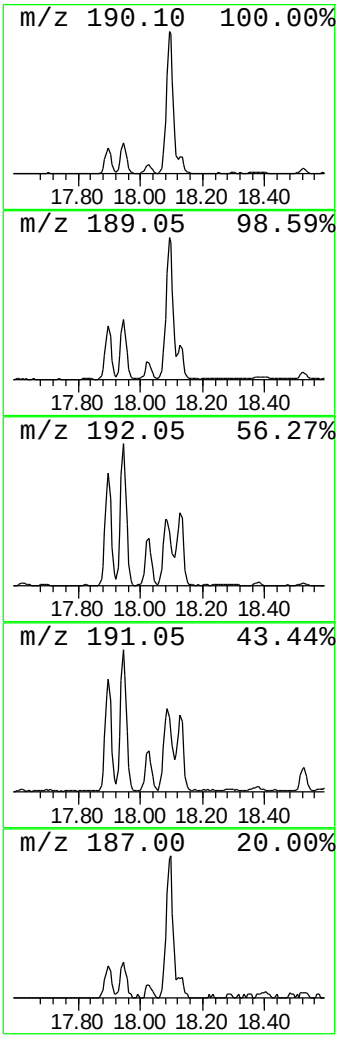
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	10.03 ng/ul	520729	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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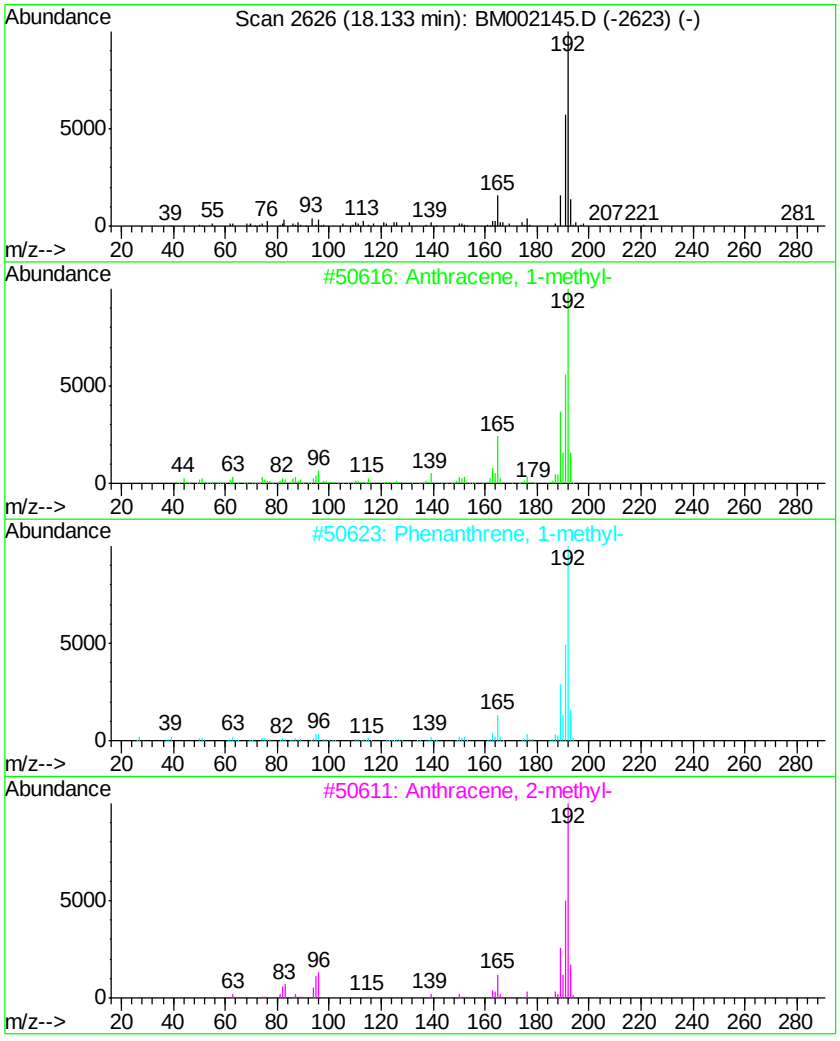
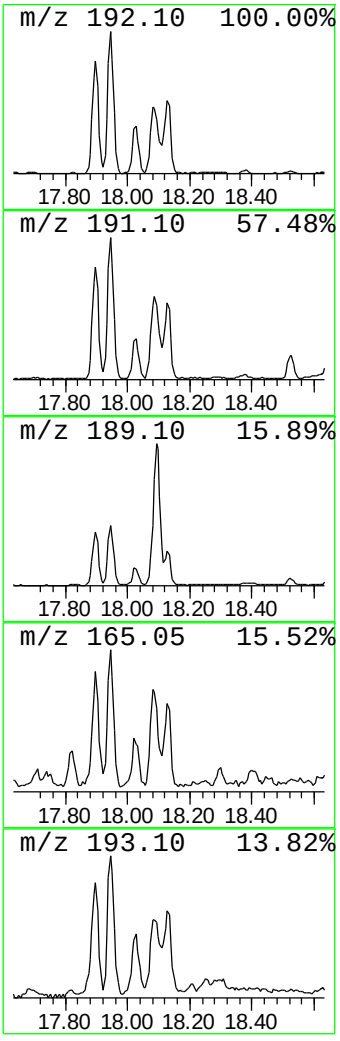
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	3.53 ng/ul	183299	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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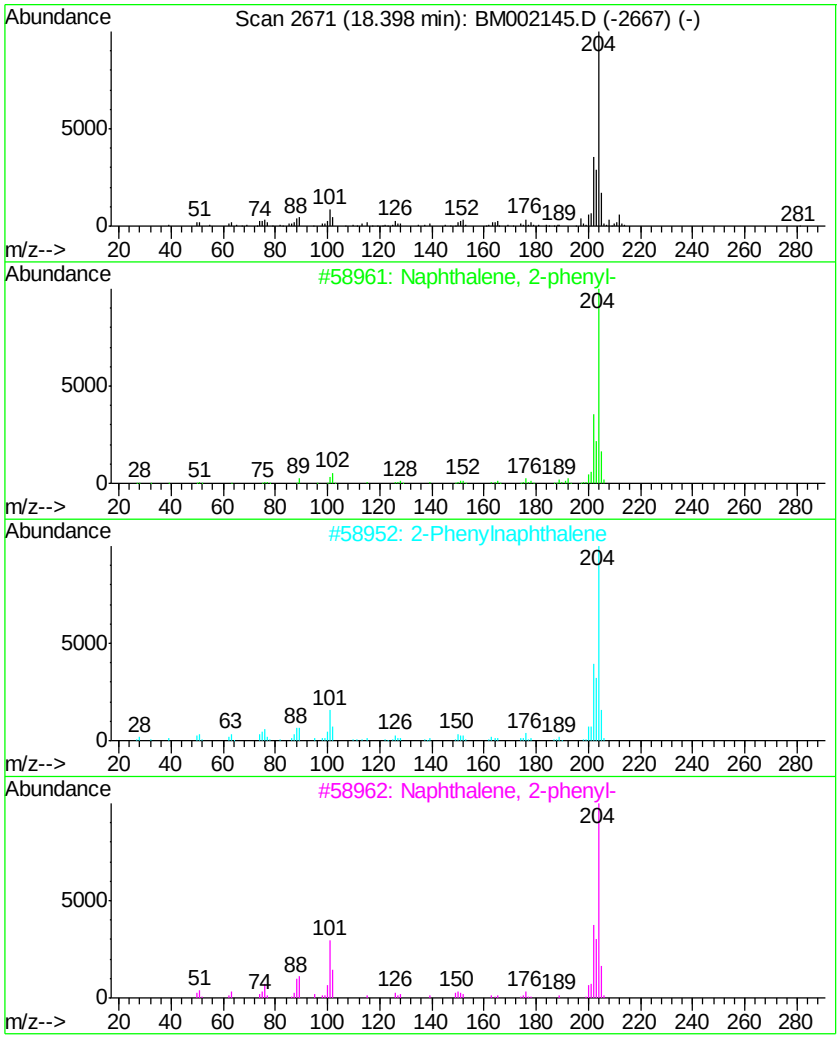
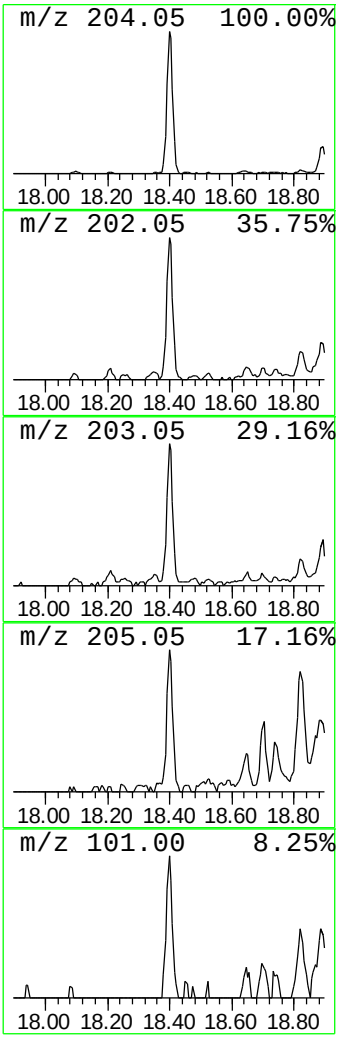
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.94 ng/ul	204709	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	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	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Library Search Compound Report

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Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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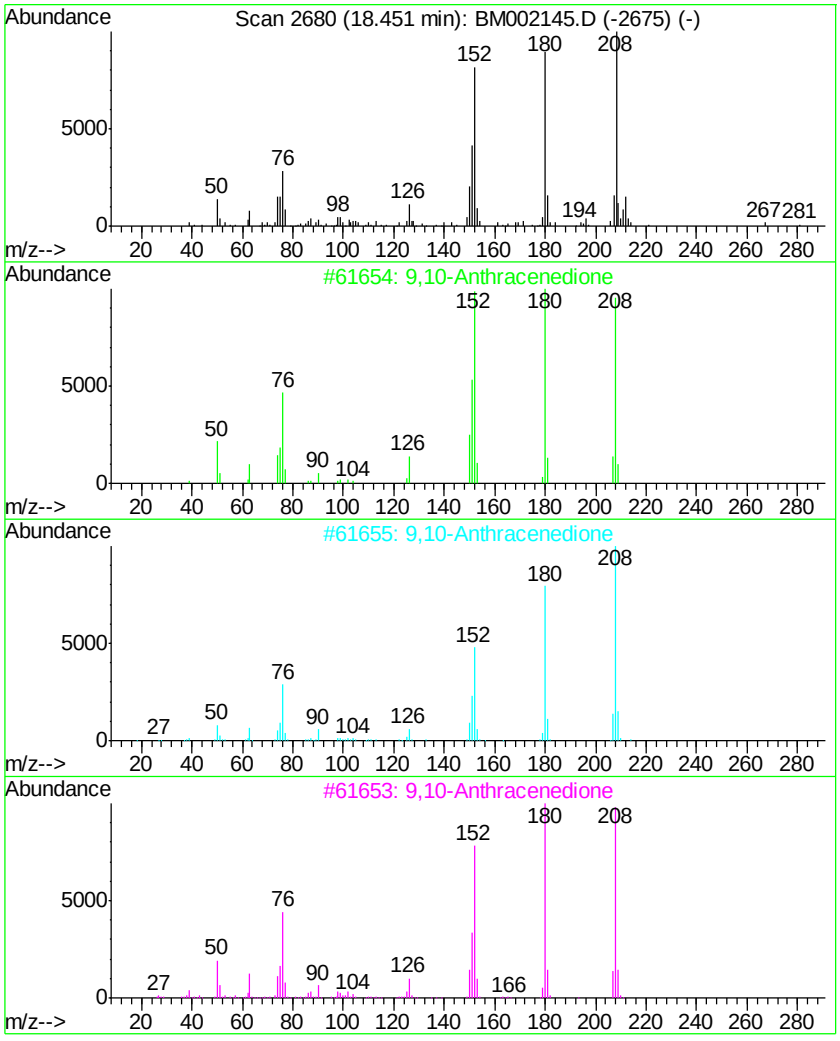
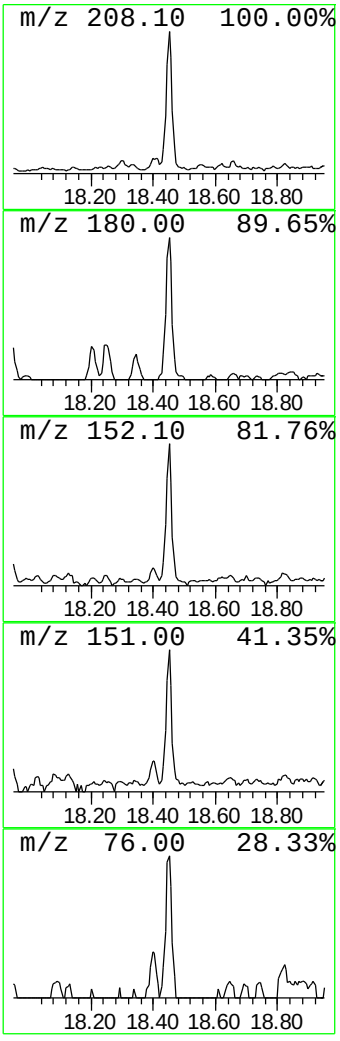
Peak Number 8 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.16 ng/ul	164252	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





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Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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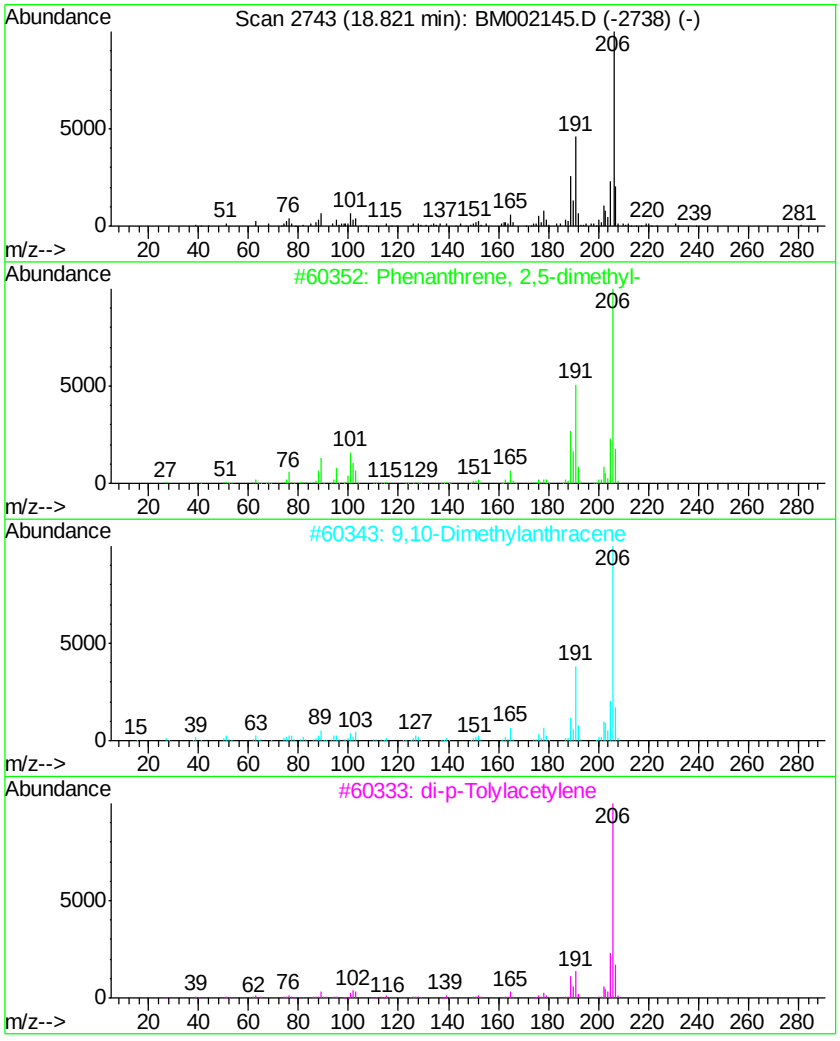
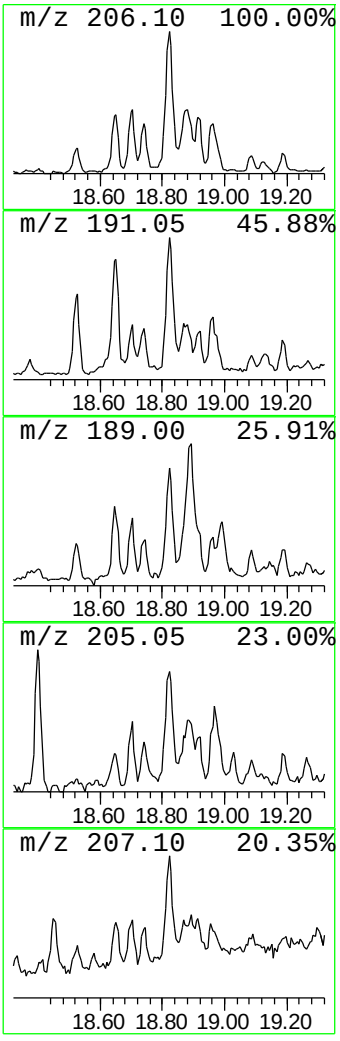
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.88 ng/ul	201760	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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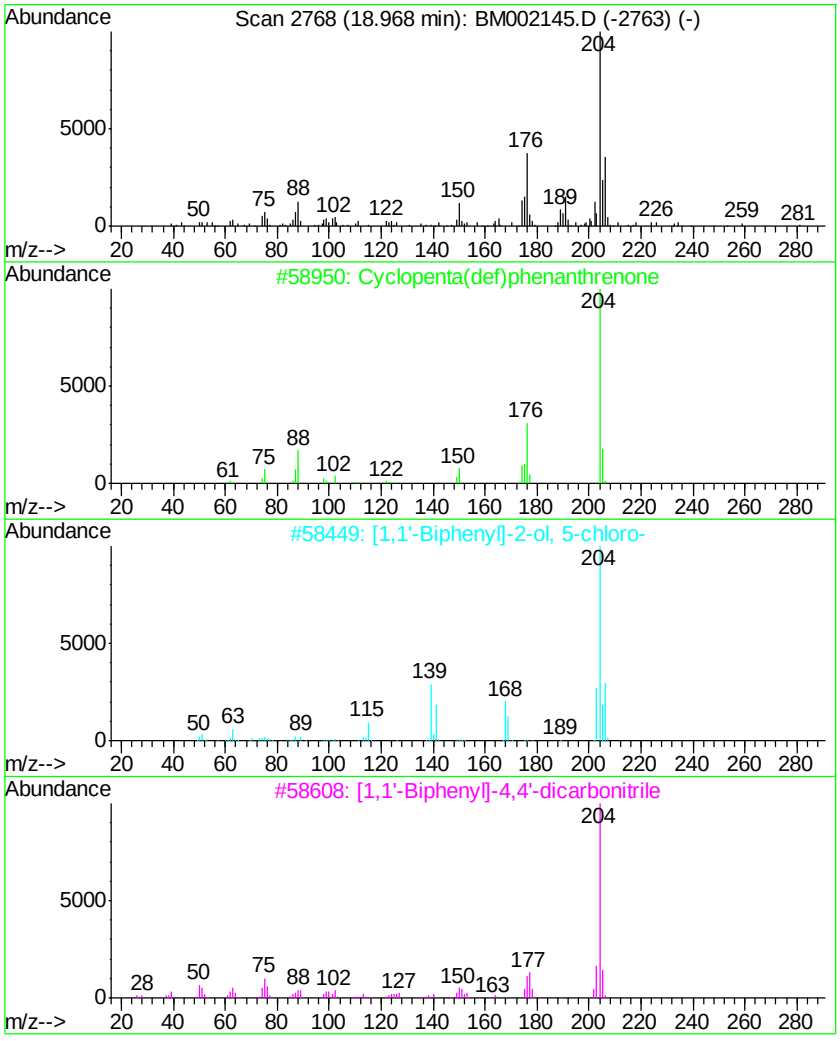
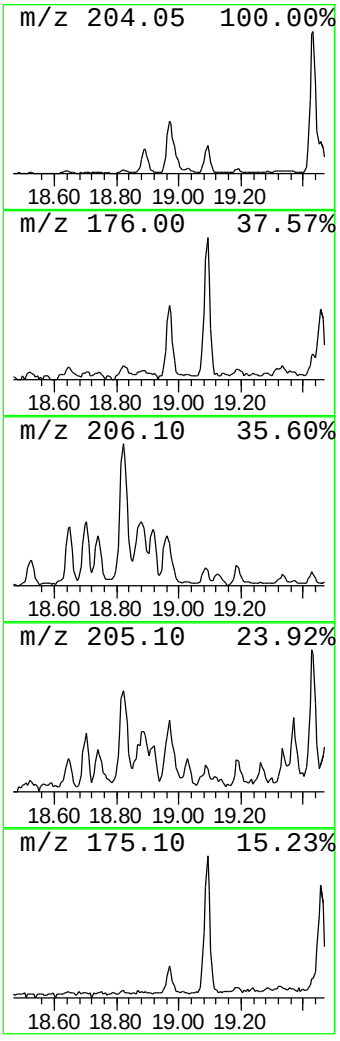
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	3.11 ng/ul	161392	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





Library Search Compound Report

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Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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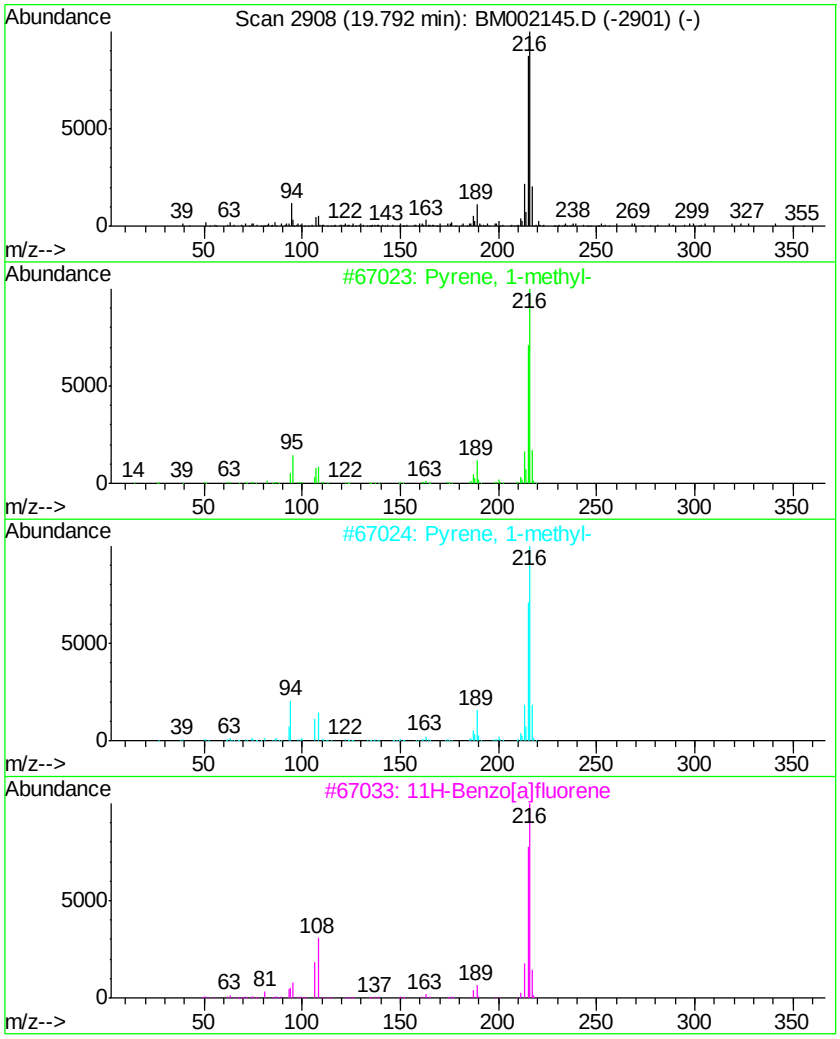
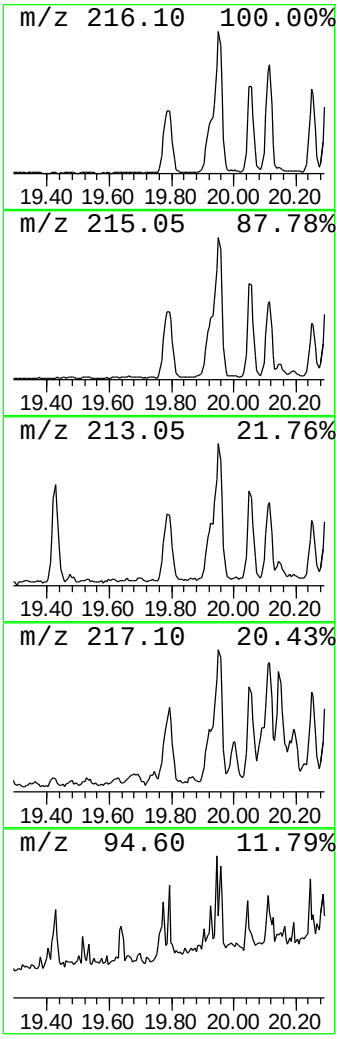
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.69 ng/ul	278575	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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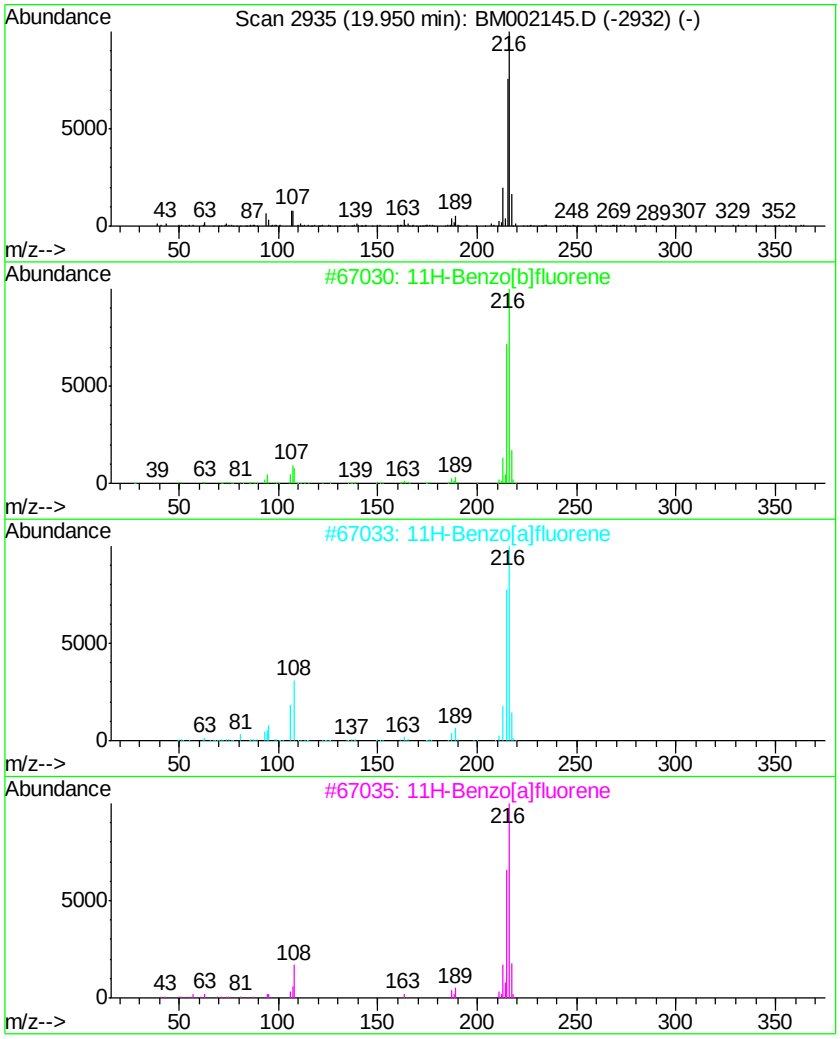
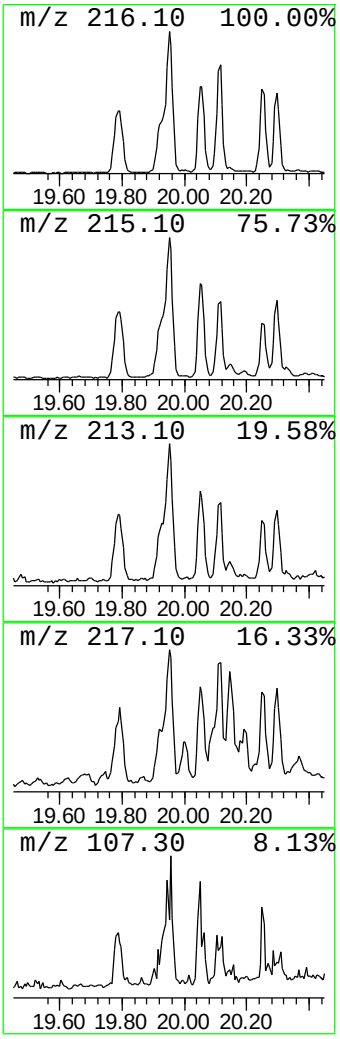
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	2.98 ng/ul	308644	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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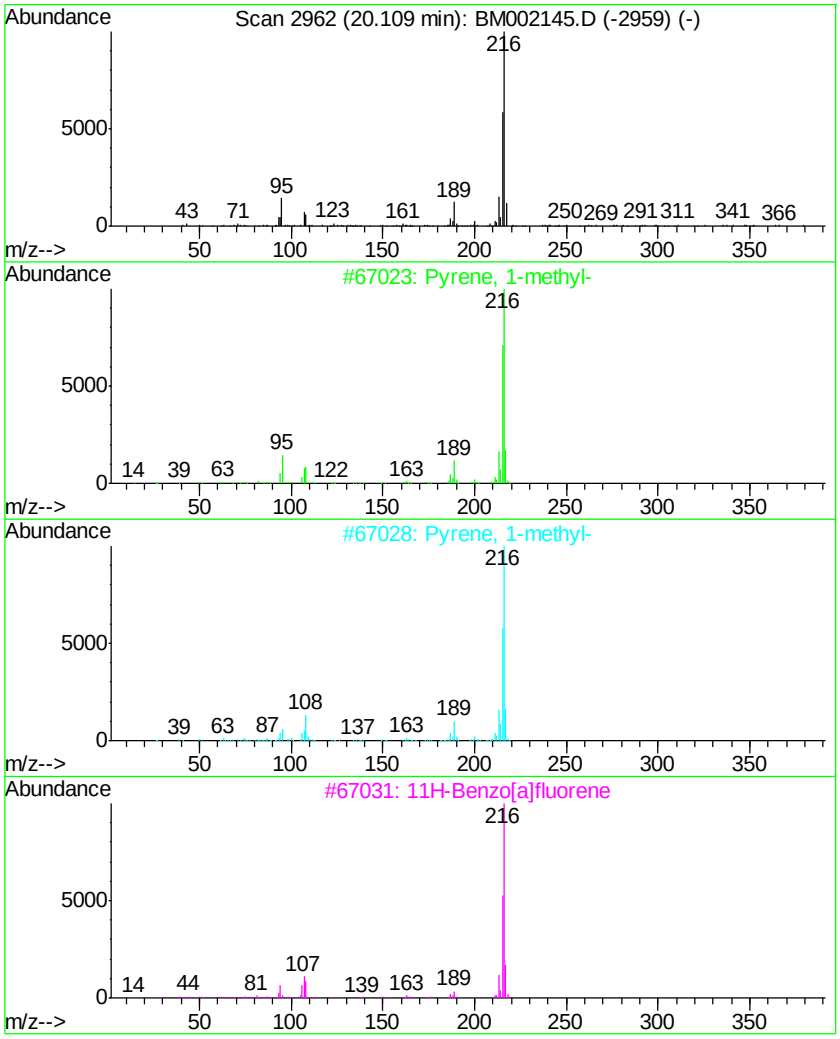
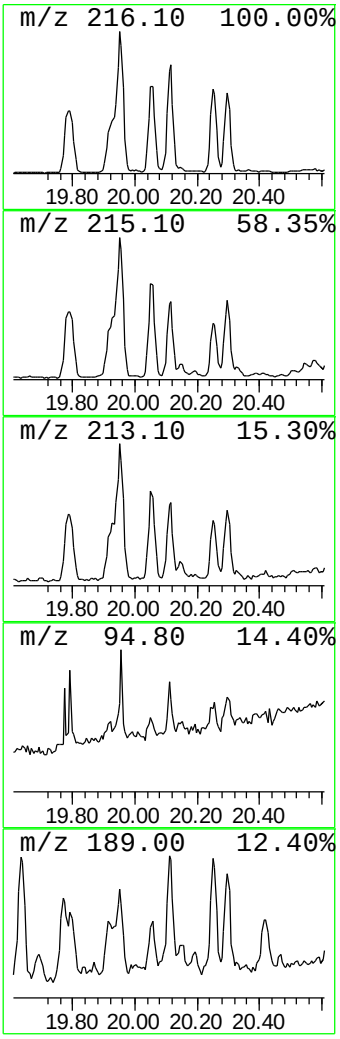
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.25 ng/ul	232658	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002145.D
Acq On : 30 Jul 2015 20:24
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dibenzothiophene	16.84	2.7	ng/ul	141186	4	17.02	1038860	20.0
Phenanthrene, 1-m...	17.90	5.9	ng/ul	305581	4	17.02	1038860	20.0
Phenanthrene, 2-m...	17.94	7.4	ng/ul	382591	4	17.02	1038860	20.0
Anthracene, 2-met...	18.03	2.5	ng/ul	128430	4	17.02	1038860	20.0
4H-Cyclopenta[def...	18.09	10.0	ng/ul	520729	4	17.02	1038860	20.0
Anthracene, 1-met...	18.13	3.5	ng/ul	183299	4	17.02	1038860	20.0
Naphthalene, 2-ph...	18.40	3.9	ng/ul	204709	4	17.02	1038860	20.0
9,10-Anthracenedione	18.45	3.2	ng/ul	164252	4	17.02	1038860	20.0
Phenanthrene, 2,5...	18.82	3.9	ng/ul	201760	4	17.02	1038860	20.0
Cyclopenta(def)ph...	18.97	3.1	ng/ul	161392	4	17.02	1038860	20.0
Pyrene, 1-methyl-	19.79	2.7	ng/ul	278575	5	21.23	2068200	20.0
11H-Benzo[b]fluorene	19.95	3.0	ng/ul	308644	5	21.23	2068200	20.0
11H-Benzo[a]fluorene	20.11	2.3	ng/ul	232658	5	21.23	2068200	20.0