LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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	3.540	140	145	151	rVB	13240	18597	0.26%	0.029%
2	6.746	685	690	699	rVB	94248	149299	2.09%	0.236%
3	6.899	707	716	723	rBB	71446	106063	1.49%	0.168%
4	7.093	743	749	756	rVB	98158	151495	2.13%	0.240%
5	7.557	822	828	836	rBB	357520	558676	7.84%	0.884%
6	8.281	945	951	958	rBV	123859	191471	2.69%	0.303%
7	8.722	1019	1026	1032	rBV	93186	146222	2.05%	0.231%
8	9.440	1142	1148	1154	rBB	71434	108208	1.52%	0.171%
9	9.981	1234	1240	1249	rBB	124233	200744	2.82%	0.318%
10	10.345	1293	1302	1308	rBV	524096	866416	12.15%	1.371%
11	10.398	1308	1311	1317	rVB	49936	72042	1.01%	0.114%
12	10.492	1322	1327	1338	rBV	93142	158939	2.23%	0.251%
13	12.022	1581	1587	1593	rBB	20611	31638	0.44%	0.050%
14	12.245	1620	1625	1630	rBB	12395	18632	0.26%	0.029%
15	13.481	1831	1835	1839	rBV2	18141	21942	0.31%	0.035%
16	13.545	1841	1846	1851	rBV	11952	19175	0.27%	0.030%
17	13.639	1857	1862	1867	rVV	222234	308833	4.33%	0.489%
18	13.686	1867	1870	1876	rVB	75739	100929	1.42%	0.160%
19	13.922	1904	1910	1913	rBV	246509	391957	5.50%	0.620%
20	13.951	1913	1915	1921	rVB	110387	128445	1.80%	0.203%
21	14.122	1940	1944	1949	rVB2	12711	18260	0.26%	0.029%
22	14.233	1954	1963	1969	rVV2	760871	1178884	16.54%	1.865%
23	14.292	1969	1973	1980	rVB	162728	223593	3.14%	0.354%
24	14.475	2000	2004	2010	rVV	28483	43007	0.60%	0.068%
25	14.628	2026	2030	2039	rVB	63270	96456	1.35%	0.153%
26	15.080	2100	2107	2110	rBV3	15197	21085	0.30%	0.033%
27	15.227	2123	2132	2137	rBV	333883	461557	6.48%	0.730%
28	15.280	2137	2141	2146	rVB	140539	194033	2.72%	0.307%
29	15.404	2159	2162	2166	rVV2	22915	33412	0.47%	0.053%
30	15.445	2166	2169	2172	rVV2	20694	28776	0.40%	0.046%
31	15.492	2172	2177	2181	rVV5	20476	37641	0.53%	0.060%
32	15.533	2181	2184	2187	rVV3	12638	17167	0.24%	0.027%
33	15.580	2187	2192	2197	rVB	28891	44640	0.63%	0.071%
34	15.727	2207	2217	2224	rBV3	36271	87410	1.23%	0.138%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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	15.963	2247	2257	2262	rBV7	40689	91548	1.28%	0.145%
36	16.292	2306	2313	2317	rVV2	39589	80121	1.12%	0.127%
37	16.339	2317	2321	2326	rVB2	23760	37438	0.53%	0.059%
38	16.439	2334	2338	2343	rVB2	22161	34552	0.48%	0.055%
39	16.522	2349	2352	2354	rVV2	16704	20777	0.29%	0.033%
40	16.557	2354	2358	2362	rVB5	25012	35052	0.49%	0.055%
41	16.639	2368	2372	2378	rVB	52722	78787	1.11%	0.125%
42	16.733	2381	2388	2392	rVV3	69698	127069	1.78%	0.201%
43	16.798	2392	2399	2409	rVB	102326	184562	2.59%	0.292%
44	16.986	2425	2431	2434	rBV	997636	1420786	19.93%	2.248%
45	17.027	2434	2438	2443	rVV	2046865	2810263	39.43%	4.447%
46	17.086	2443	2448	2450	rVV	363816	535794	7.52%	0.848%
47	17.116	2450	2453	2459	rVV	550094	725712	10.18%	1.148%
48	17.174	2459	2463	2469	rVV4	37652	71599	1.00%	0.113%
49	17.263	2474	2478	2480	rBV3	17252	27703	0.39%	0.044%
50	17.392	2492	2500	2509	rVB	143916	258457	3.63%	0.409%
51	17.504	2515	2519	2522	rBV	46388	57764	0.81%	0.091%
52	17.563	2525	2529	2538	rVV3	52522	102721	1.44%	0.163%
53	17.704	2550	2553	2558	rVB2	21944	37105	0.52%	0.059%
54	17.857	2574	2579	2582	rBV	229634	351615	4.93%	0.556%
55	17.904	2584	2587	2593	rVV	340372	520885	7.31%	0.824%
56	17.986	2597	2601	2605	rVV	153194	234781	3.29%	0.371%
57	18.057	2607	2613	2617	rVV3	528233	930518	13.05%	1.472%
58	18.092	2617	2619	2628	rVB	173551	211630	2.97%	0.335%
59	18.168	2629	2632	2636	rVB4	33640	40693	0.57%	0.064%
60	18.216	2637	2640	2643	rBV3	19373	23404	0.33%	0.037%
61	18.363	2660	2665	2669	rBV	228546	279308	3.92%	0.442%
62	18.416	2670	2674	2683	rVB	101908	144200	2.02%	0.228%
63	18.486	2683	2686	2689	rBV	27814	32173	0.45%	0.051%
64	18.610	2704	2707	2711	rBV	61315	74308	1.04%	0.118%
65	18.663	2713	2716	2719	rVV	55186	66429	0.93%	0.105%
66	18.704	2719	2723	2727	rVB2	47158	65521	0.92%	0.104%
67	18.786	2732	2737	2743	rBV	130129	264377	3.71%	0.418%
68	18.851	2746	2748	2751	rVB	64115	68460	0.96%	0.108%
69	18.939	2758	2763	2769	rVB3	111599	195926	2.75%	0.310%
70	19.063	2777	2784	2789	rBV	5273207	7128113	100.00%	11.279%
71	19.151	2796	2799	2803	rBV2	86661	111506	1.56%	0.176%

LSC Area Percent Report

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Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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	19.298	2821	2824	2828	rBV	117623	146567	2.06%	0.232%
73	19.398	2835	2841	2842	rBV2	1241973	1796012	25.20%	2.842%
74	19.427	2842	2846	2853	rVV	4479390	6296224	88.33%	9.962%
75	19.492	2853	2857	2862	rVV3	144849	201083	2.82%	0.318%
76	19.598	2871	2875	2879	rBV	222952	307583	4.32%	0.487%
77	19.662	2883	2886	2891	rVB	146578	188149	2.64%	0.298%
78	19.739	2895	2899	2906	rBV2	203442	527088	7.39%	0.834%
79	19.921	2926	2930	2934	rVB	740265	1012808	14.21%	1.603%
80	20.021	2942	2947	2951	rBV	645809	869853	12.20%	1.376%
81	20.074	2953	2956	2960	rVV2	282743	447751	6.28%	0.708%
82	20.110	2960	2962	2967	rVB	234209	270073	3.79%	0.427%
83	20.215	2977	2980	2984	rBV	153844	191062	2.68%	0.302%
84	20.262	2985	2988	2992	rVB2	262908	319427	4.48%	0.505%
85	20.674	3055	3058	3063	rVB	195426	248482	3.49%	0.393%
86	20.833	3081	3085	3088	rBV	383882	479954	6.73%	0.759%
87	20.868	3088	3091	3095	rVV	332269	407411	5.72%	0.645%
88	20.909	3095	3098	3103	rVB2	313267	499479	7.01%	0.790%
89	21.180	3138	3144	3149	rBV3	3024638	5646234	79.21%	8.934%
90	21.233	3149	3153	3161	rVB	2627629	3369494	47.27%	5.331%
91	21.345	3168	3172	3178	rBV	542725	651429	9.14%	1.031%
92	21.504	3195	3199	3203	rVB2	254095	400226	5.61%	0.633%
93	22.739	3402	3409	3413	rBV	1777127	3994822	56.04%	6.321%
94	22.898	3432	3436	3442	rVB	364224	558512	7.84%	0.884%
95	23.203	3482	3488	3493	rBV	948966	1741053	24.43%	2.755%
96	23.298	3499	3504	3511	rVB	1713810	2997922	42.06%	4.743%
97	23.392	3515	3520	3524	rVV	700765	1282751	18.00%	2.030%
98	23.439	3524	3528	3535	rVB	535475	914416	12.83%	1.447%
99	25.609	3889	3897	3905	rVB2	791652	2150525	30.17%	3.403%
100	26.291	4005	4013	4023	rVB	526369	1566949	21.98%	2.479%

Sum of corrected areas: 63200640

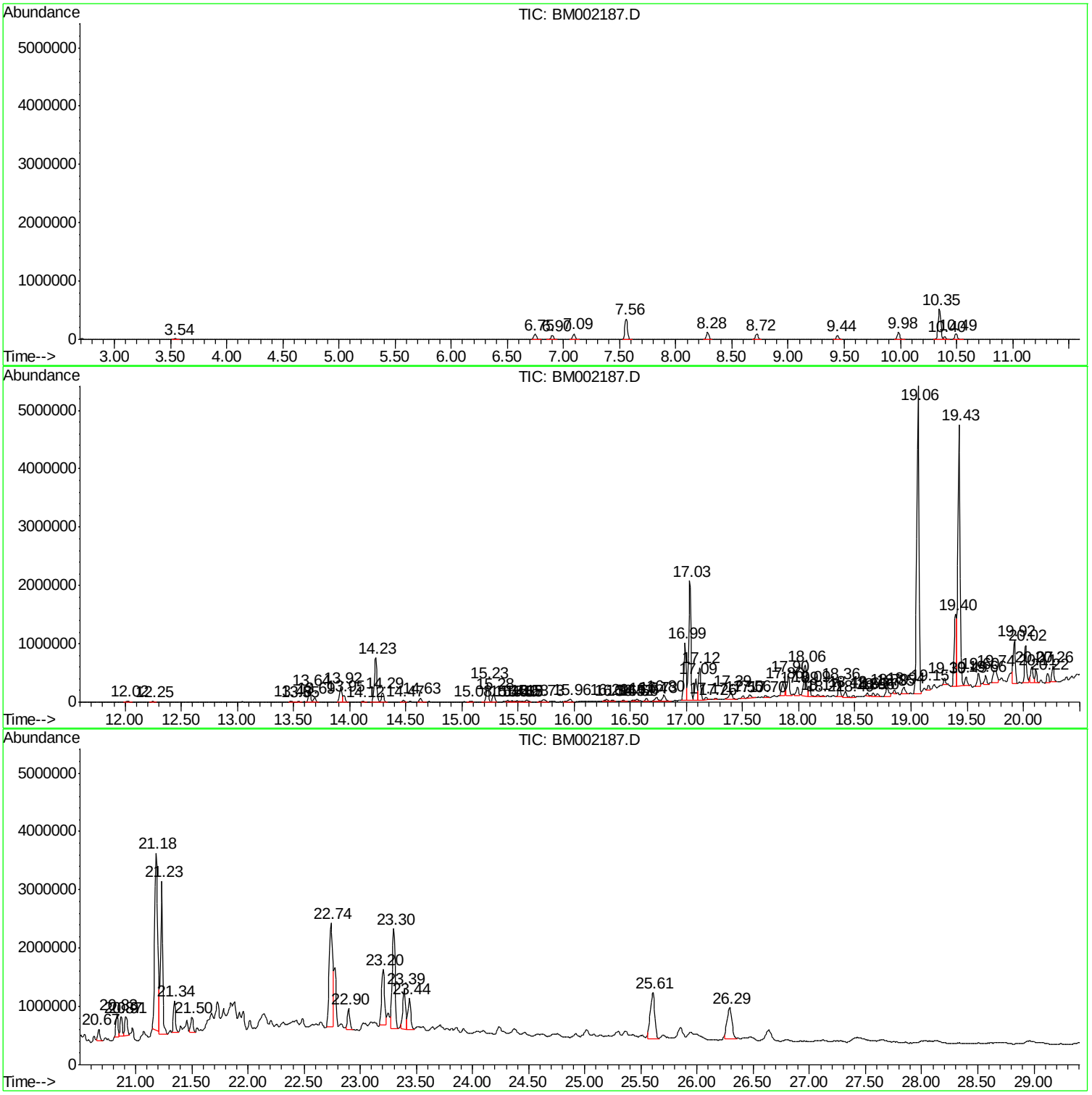
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
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Sample : G3095-12
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Instrument : BNA_M
ClientSampleId : C01S3

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

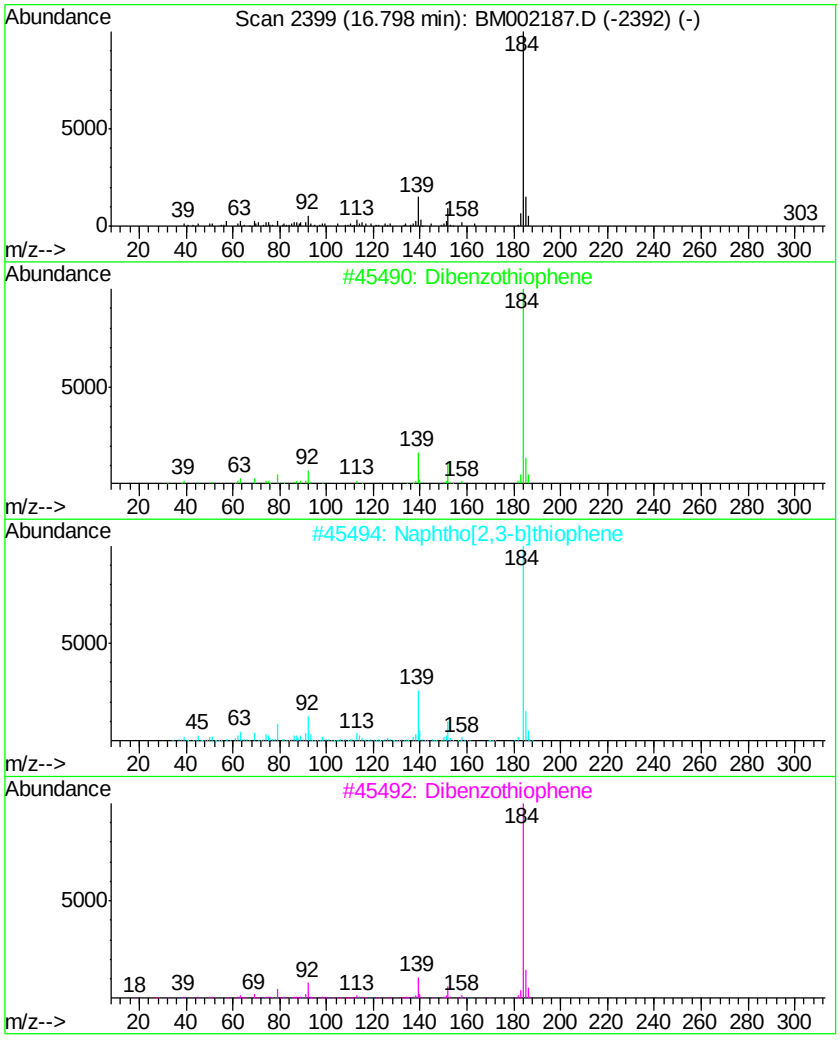
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

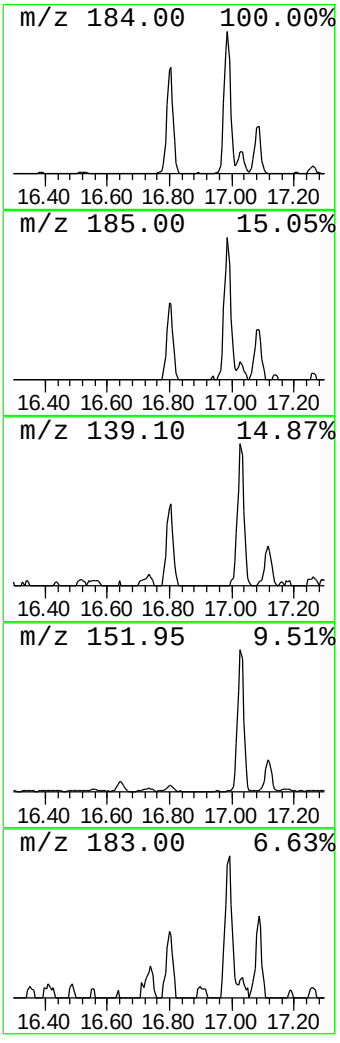
****

Peak Number 1 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.60 ng/ul	184562	Phenanthrene-d10	16.99

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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

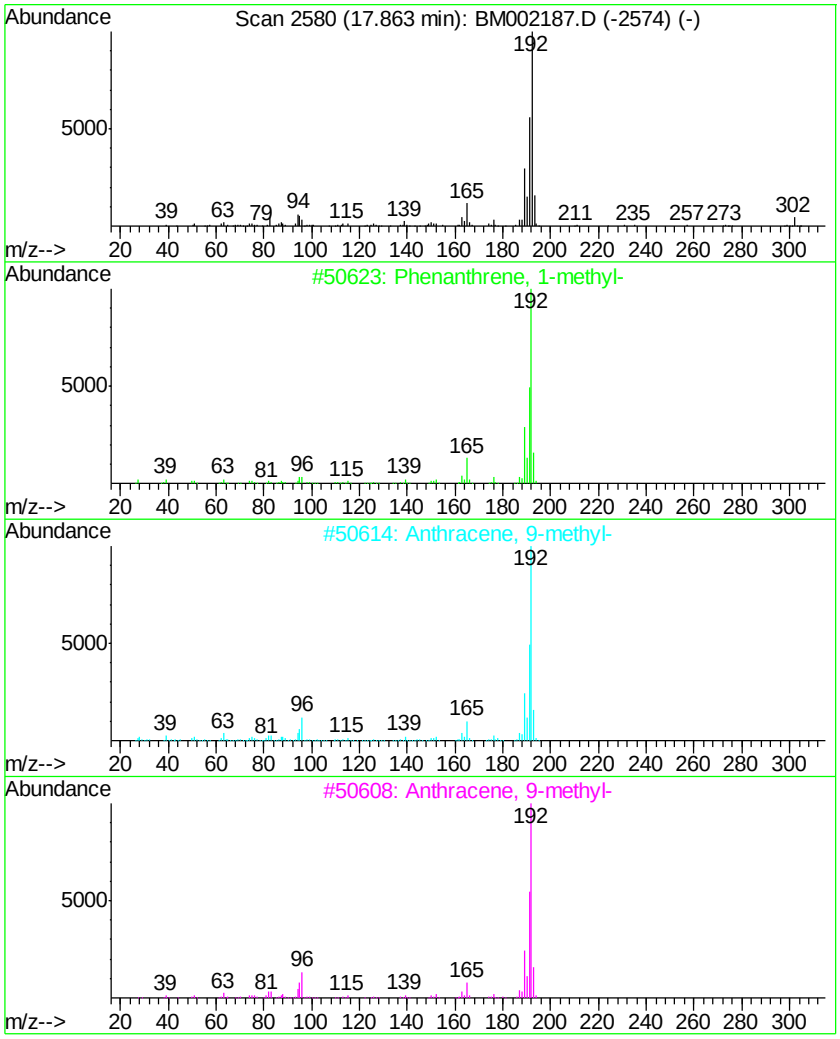
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

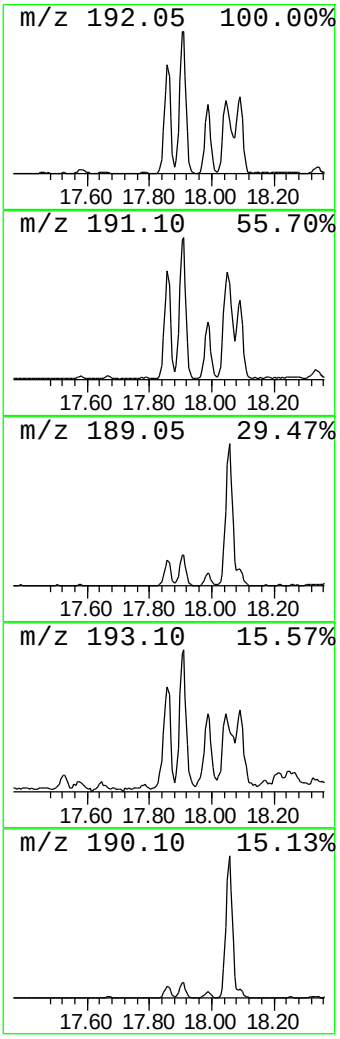
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	4.95 ng/ul	351615	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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

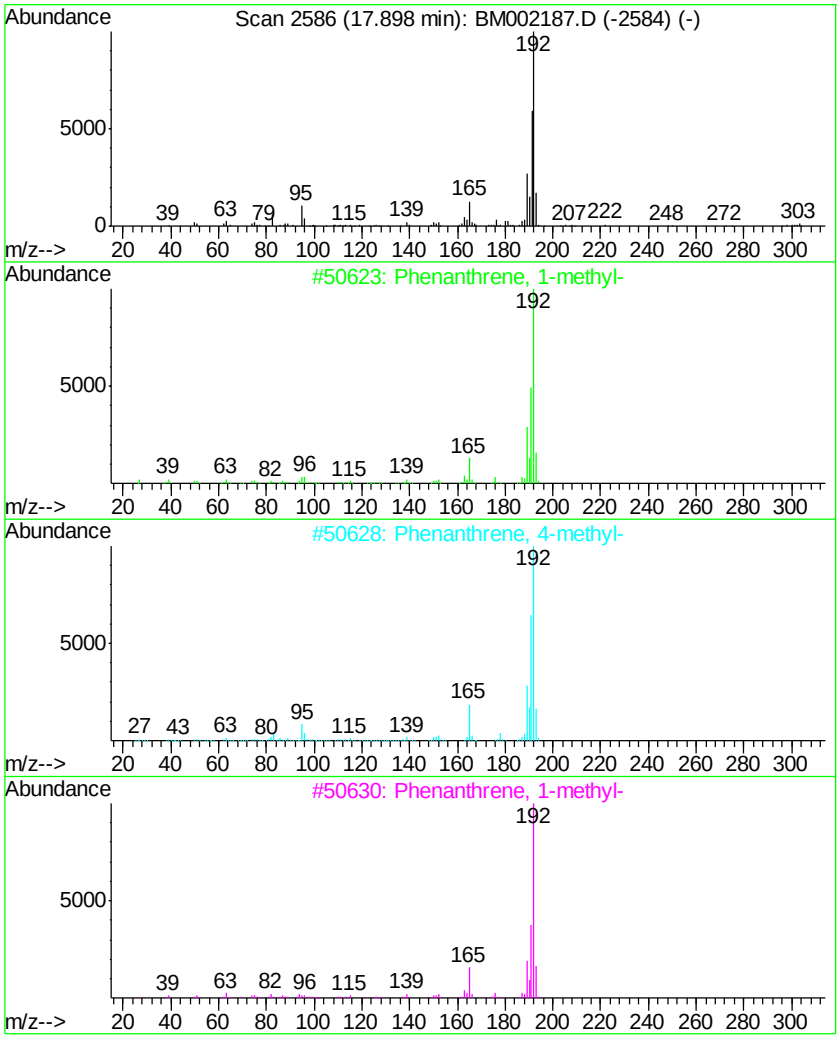
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

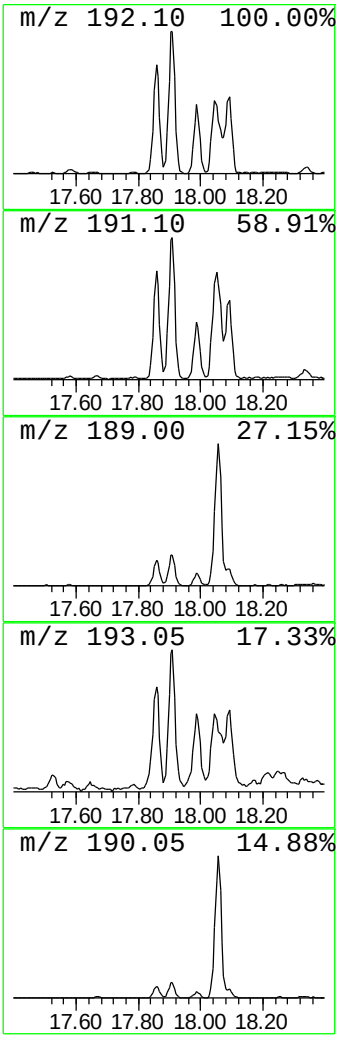
****

Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	7.33 ng/ul	520885	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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

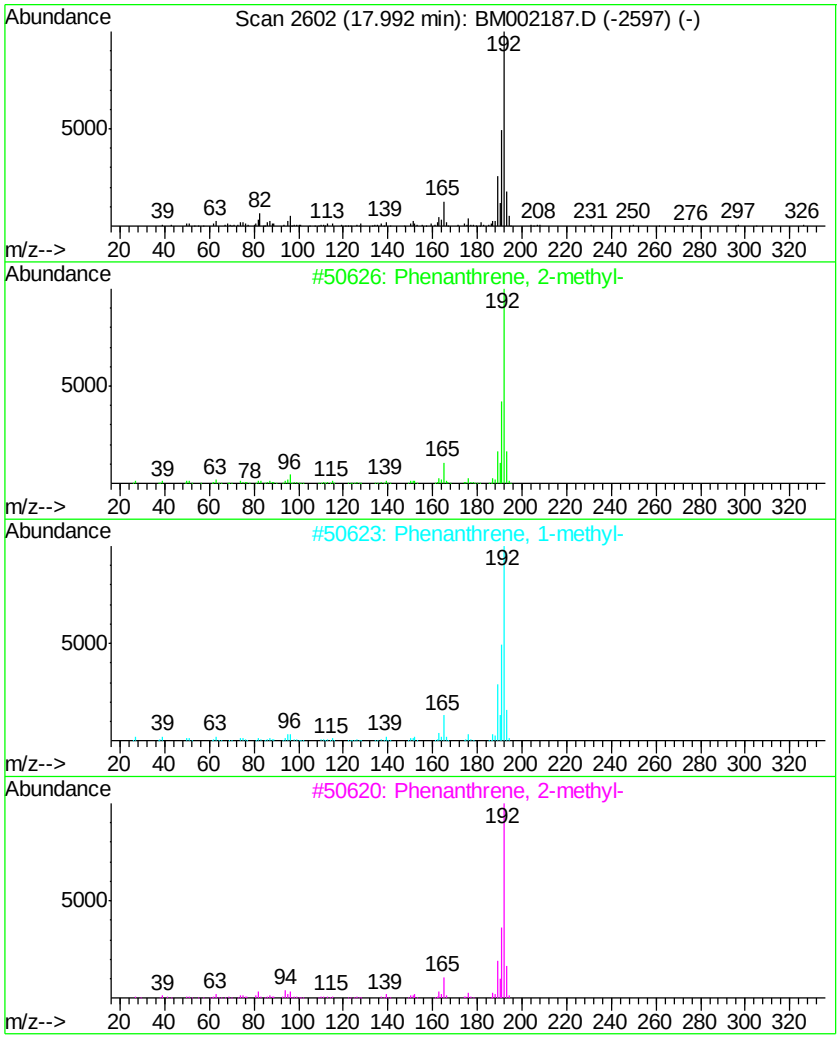
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

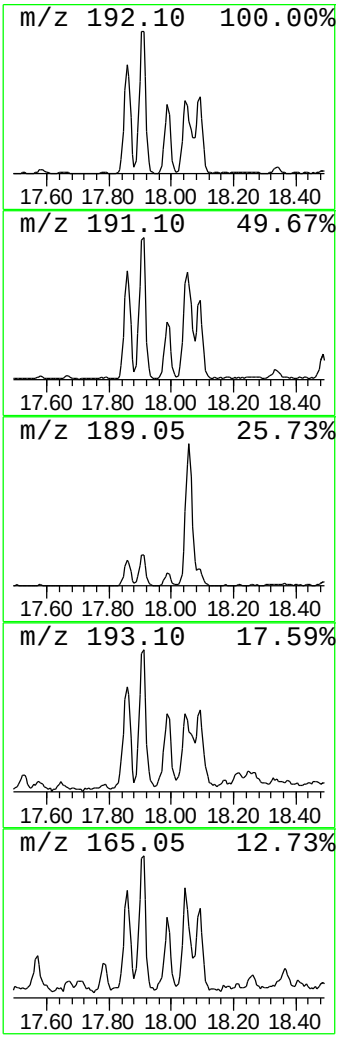
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.30 ng/ul	234781	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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

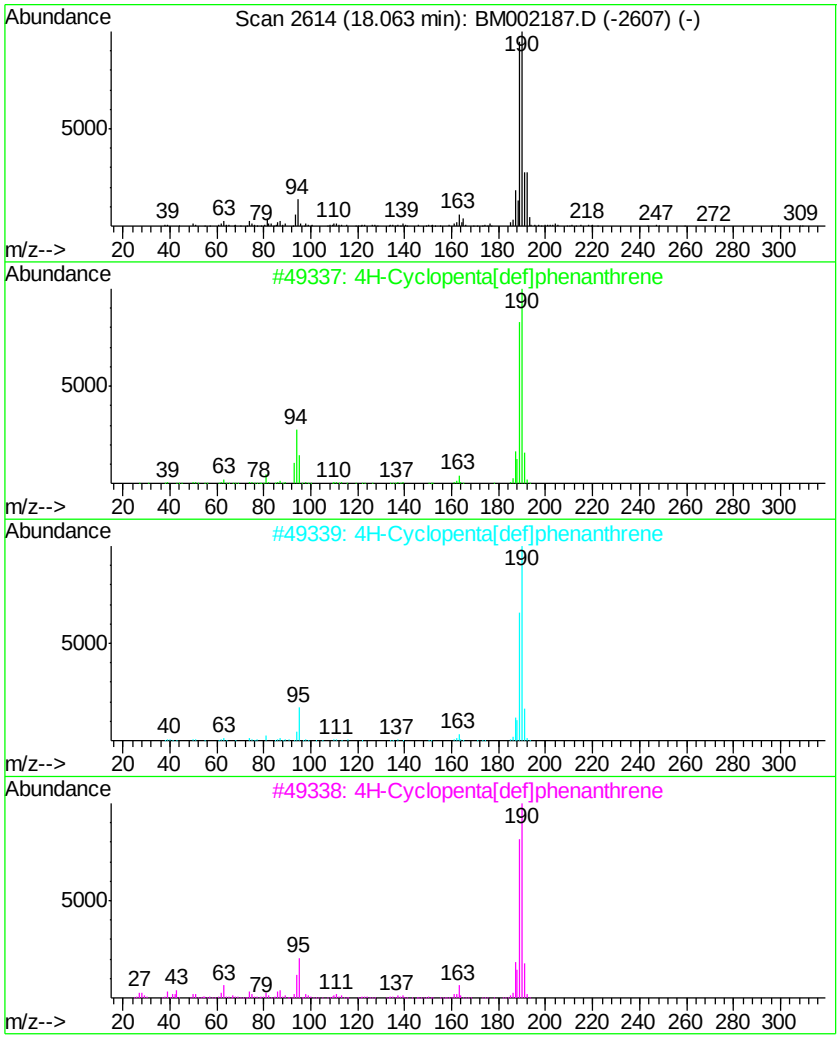
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

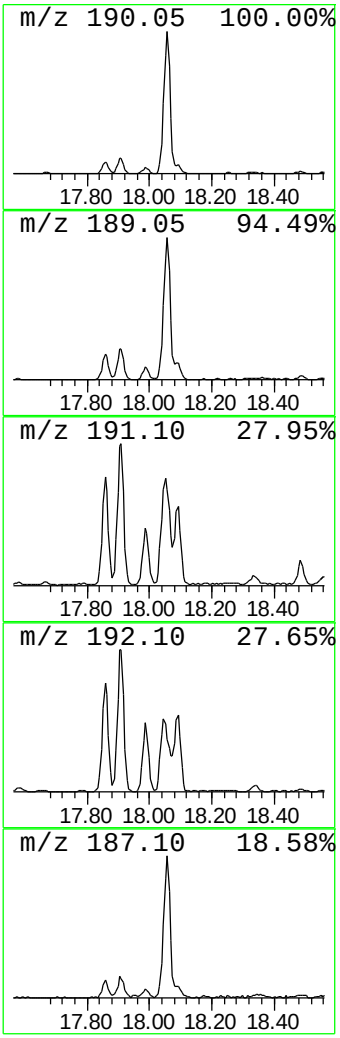
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	13.10 ng/ul	930518	Phenanthrene-d10	16.99

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	74
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Data File : BM002187.D
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Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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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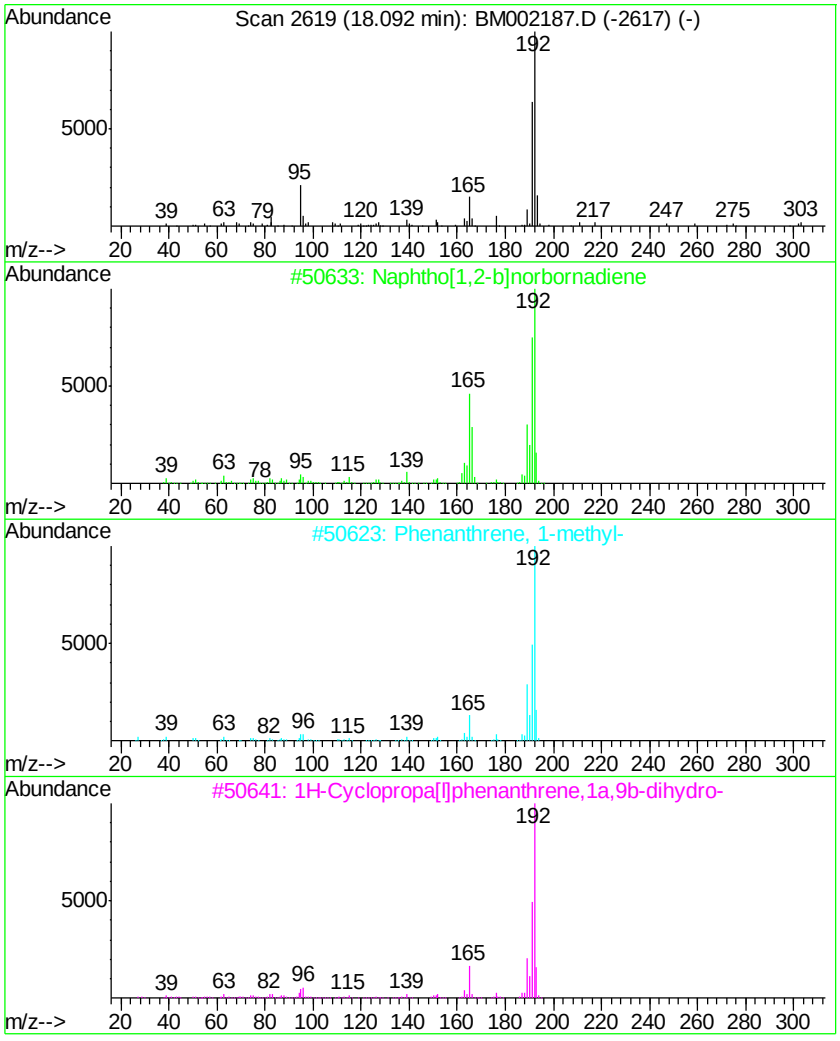
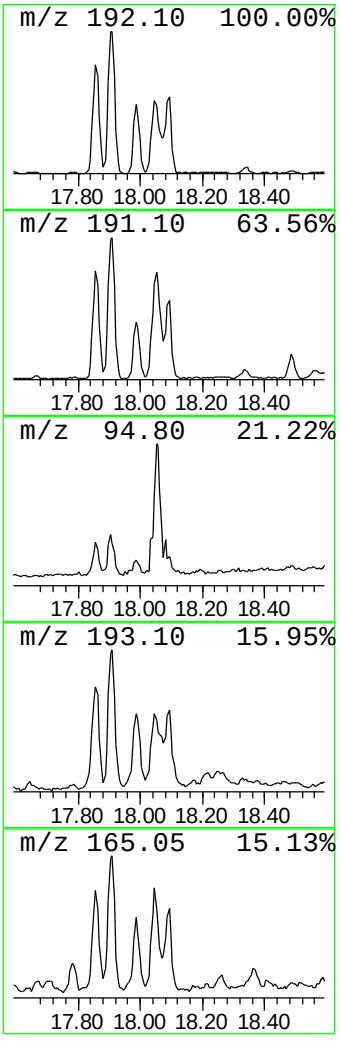
Peak Number 6 Naphtho[1,2-b]norbornadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.98 ng/ul	211630	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





Library Search Compound Report

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Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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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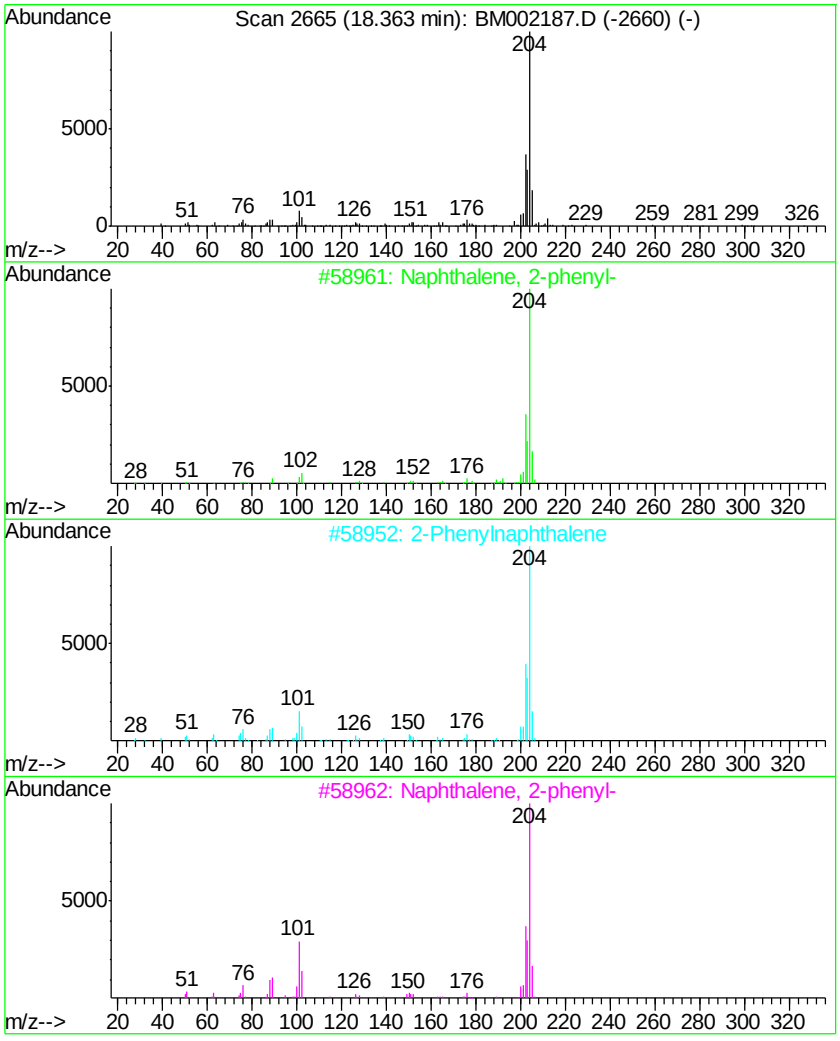
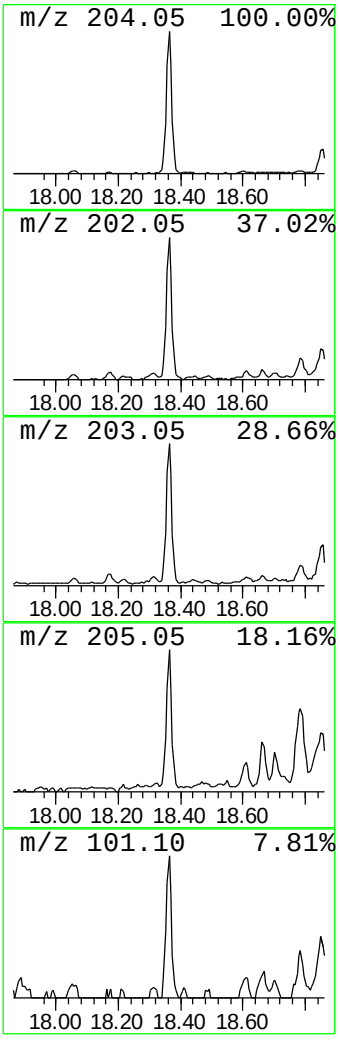
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.93 ng/ul	279308	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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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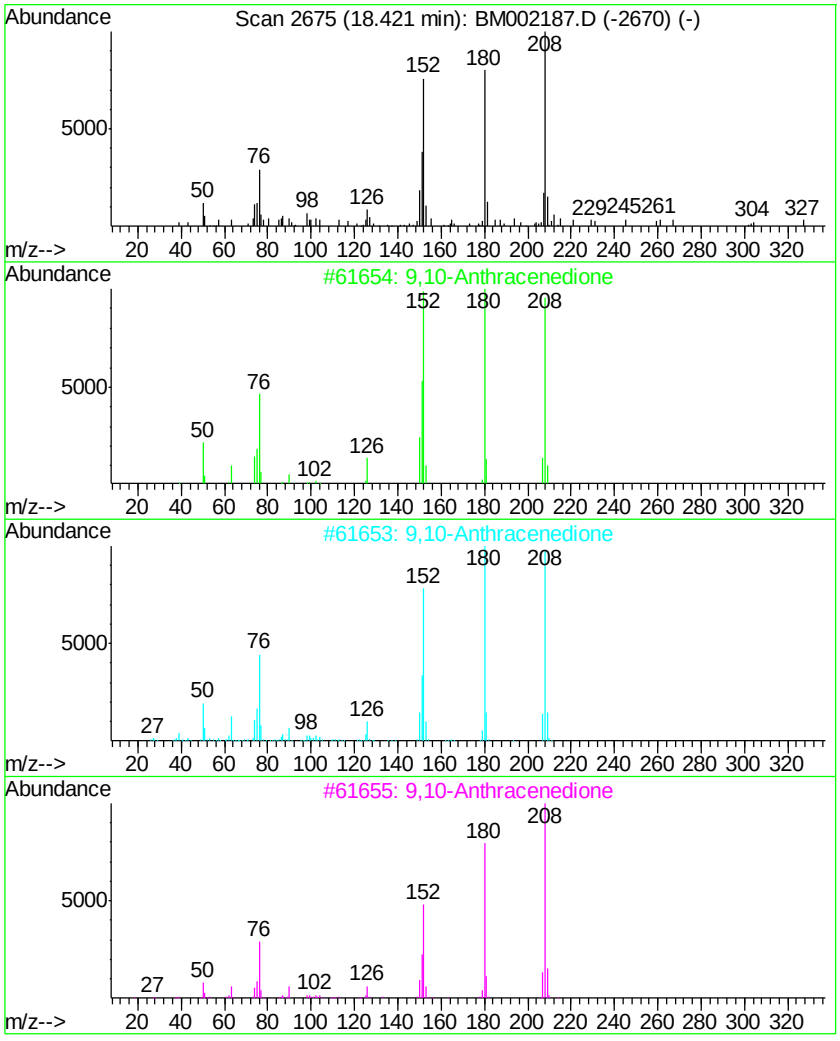
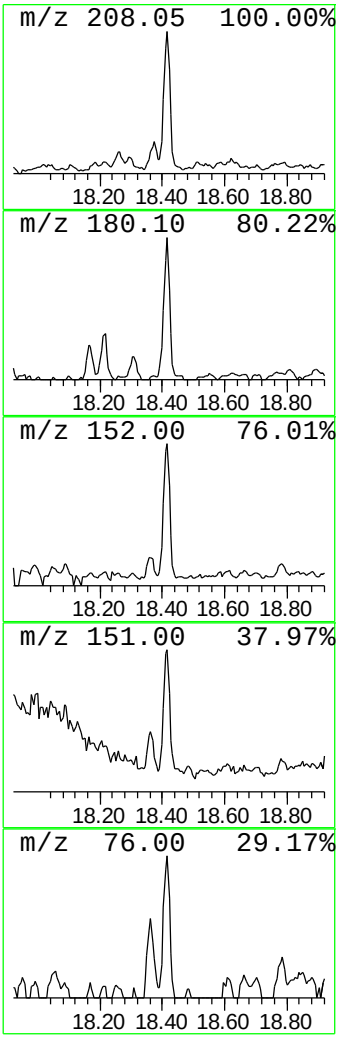
Peak Number 8 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.03 ng/ul	144200	Phenanthrene-d10	16.99

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	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





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Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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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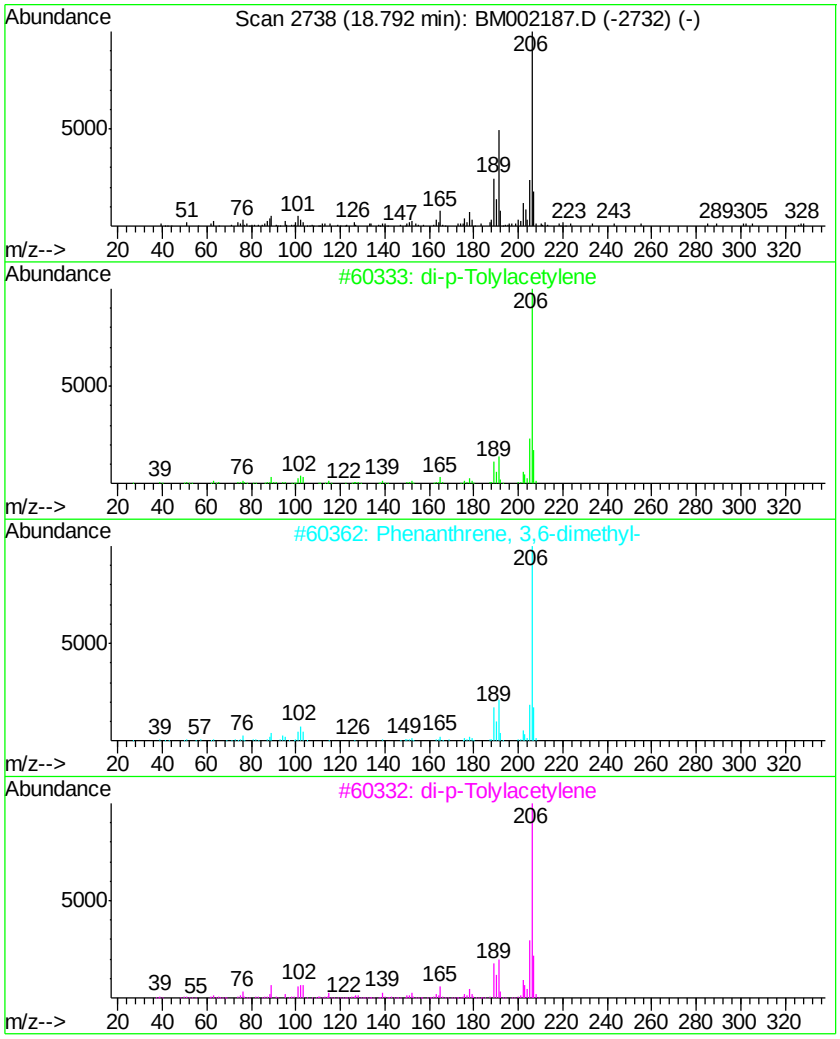
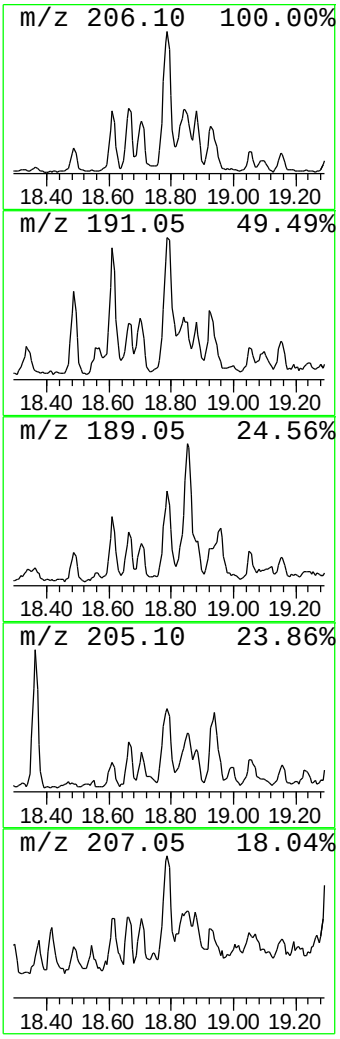
Peak Number 9 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	3.72 ng/ul	264377	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86





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Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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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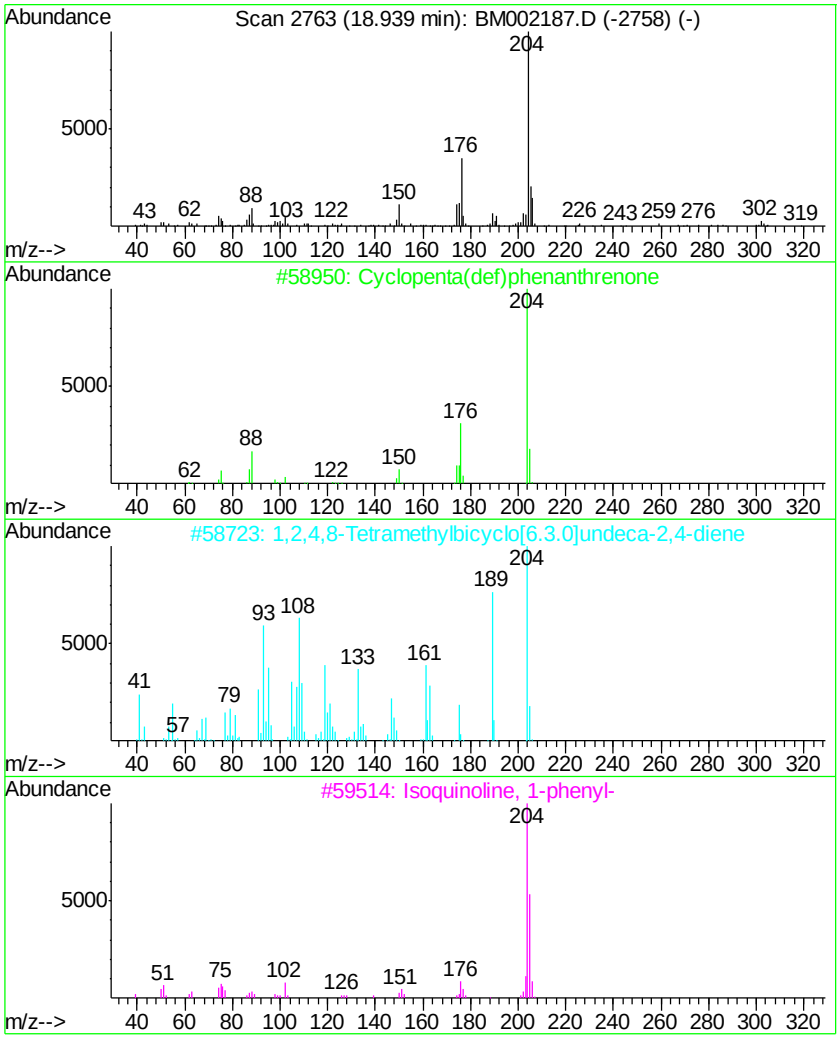
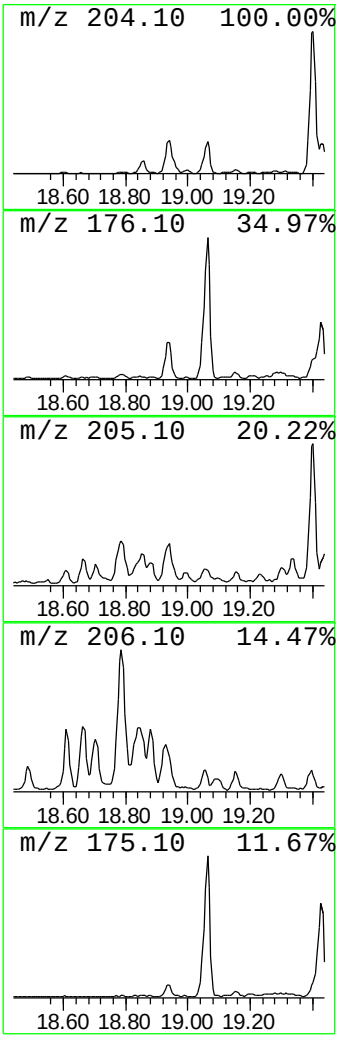
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.76 ng/ul	195926	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	45
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	45
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	45





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Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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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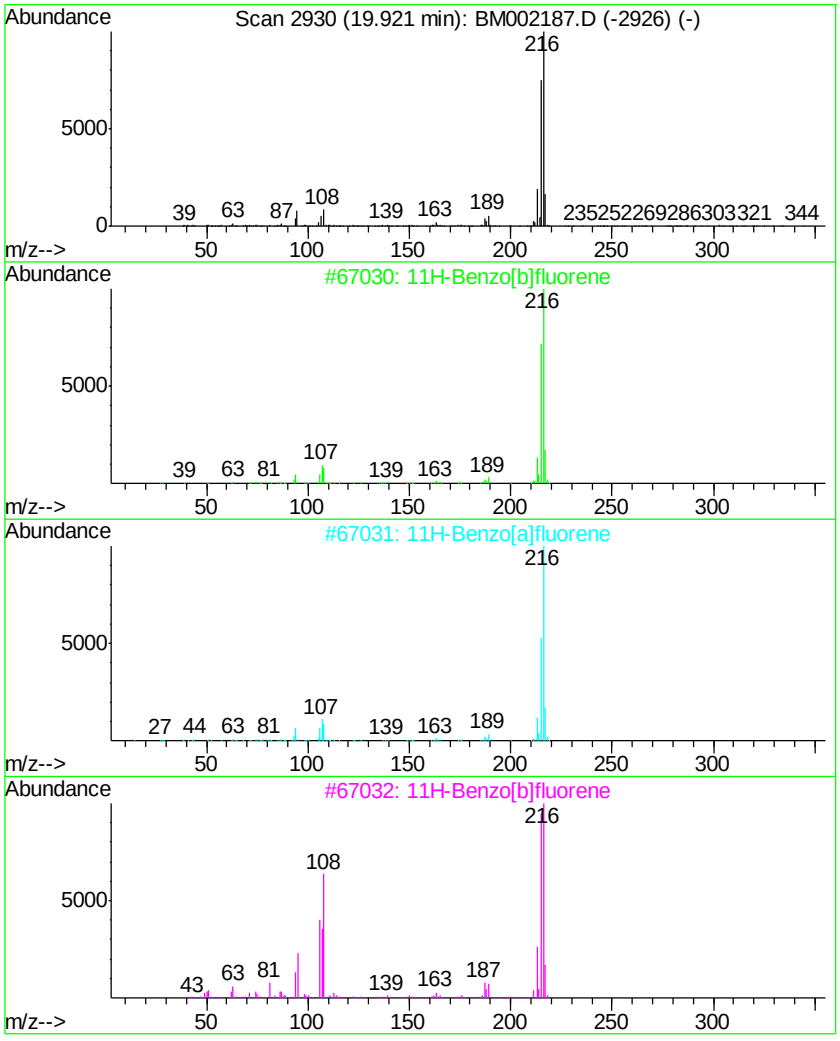
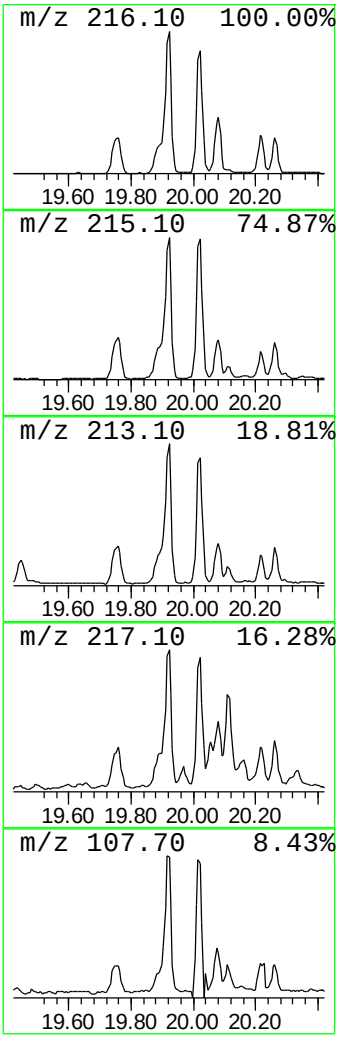
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	3.59 ng/ul	1012810	Chrysene-d12	21.19

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	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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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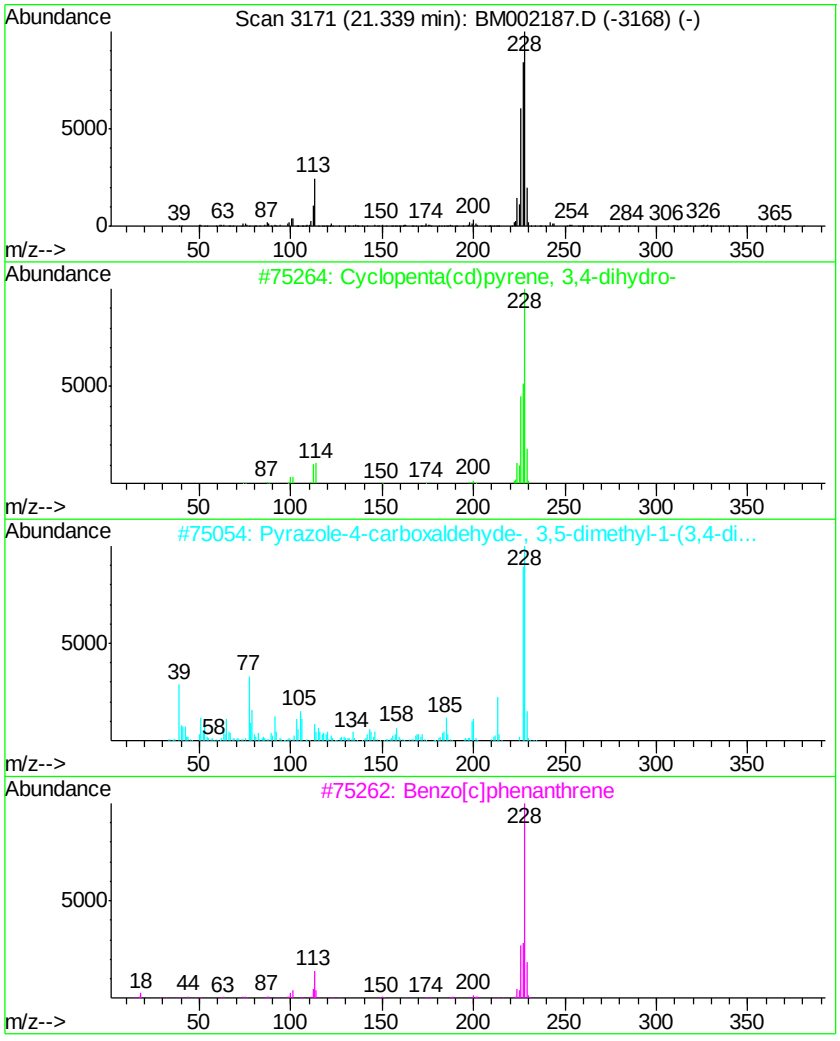
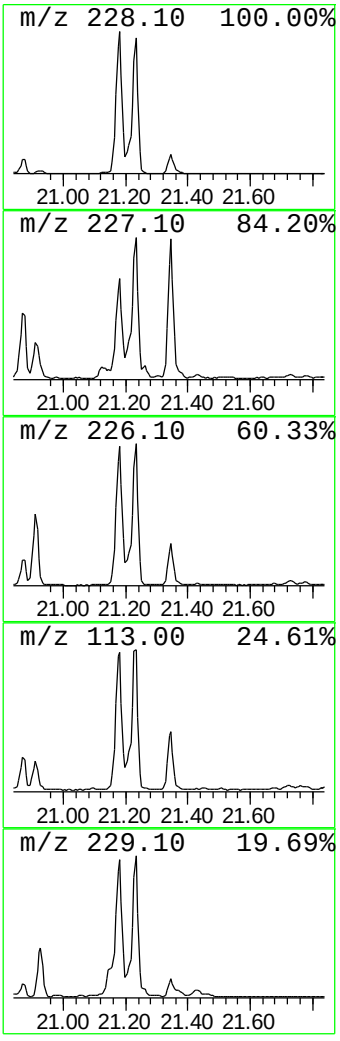
Peak Number 13 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.31 ng/ul	651429	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
5	Triphenylene	228	C18H12	000217-59-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002187.D
Acq On : 03 Aug 2015 02:08
Operator : TP
Sample : G3095-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01S3

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	16.80	2.6	ng/ul	184562	4	16.99	1420790	20.0
Phenanthrene, 1-m...	17.86	5.0	ng/ul	351615	4	16.99	1420790	20.0
Phenanthrene, 4-m...	17.90	7.3	ng/ul	520885	4	16.99	1420790	20.0
Phenanthrene, 2-m...	17.99	3.3	ng/ul	234781	4	16.99	1420790	20.0
4H-Cyclopenta[def...	18.06	13.1	ng/ul	930518	4	16.99	1420790	20.0
Naphtho[1,2-b]nor...	18.09	3.0	ng/ul	211630	4	16.99	1420790	20.0
Naphthalene, 2-ph...	18.36	3.9	ng/ul	279308	4	16.99	1420790	20.0
9,10-Anthracenedione	18.42	2.0	ng/ul	144200	4	16.99	1420790	20.0
di-p-Tolylacetylene	18.79	3.7	ng/ul	264377	4	16.99	1420790	20.0
Cyclopenta(def)ph...	18.94	2.8	ng/ul	195926	4	16.99	1420790	20.0
11H-Benzo[b]fluorene	19.92	3.6	ng/ul	1012810	5	21.19	5646230	20.0
Cyclopenta(cd)pyr...	21.34	2.3	ng/ul	651429	5	21.19	5646230	20.0