LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
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_G\METHODS\SOM02.2-EPA-BG072315.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	6.703	679	683	689	rBV	17292	25956	2.08%	0.191%
2	6.856	705	709	715	rVB2	13665	20813	1.67%	0.153%
3	7.050	737	742	748	rVB	21617	34126	2.74%	0.251%
4	7.514	815	821	829	rVB	132276	201776	16.18%	1.487%
5	8.237	939	944	950	rVB2	24385	38205	3.06%	0.281%
6	8.336	957	961	966	rVB2	7738	12463	1.00%	0.092%
7	8.671	1013	1018	1025	rVB	18652	30689	2.46%	0.226%
8	9.388	1133	1140	1144	rBV3	16190	26322	2.11%	0.194%
9	9.929	1227	1232	1239	rVB	28427	44952	3.60%	0.331%
10	10.299	1288	1295	1300	rVV	196040	323075	25.90%	2.380%
11	10.346	1300	1303	1309	rVB	10983	16346	1.31%	0.120%
12	10.446	1316	1320	1331	rVB4	15842	29123	2.33%	0.215%
13	11.979	1575	1581	1588	rVB	15627	25746	2.06%	0.190%
14	12.202	1613	1619	1627	rVB	12460	19395	1.55%	0.143%
15	13.507	1832	1841	1846	rBV2	11374	19443	1.56%	0.143%
16	13.601	1853	1857	1862	rVV	49855	66843	5.36%	0.492%
17	13.648	1862	1865	1871	rVV	13798	18372	1.47%	0.135%
18	13.877	1898	1904	1914	rVB	59944	92746	7.43%	0.683%
19	14.188	1950	1957	1963	rBV2	304473	473220	37.94%	3.486%
20	14.253	1963	1968	1976	rVV	74333	104455	8.37%	0.770%
21	14.423	1990	1997	2003	rVV3	13582	24575	1.97%	0.181%
22	14.588	2019	2025	2033	rVV	45768	68181	5.47%	0.502%
23	15.187	2119	2127	2132	rVV	77033	110970	8.90%	0.818%
24	15.246	2132	2137	2141	rVV	75768	106387	8.53%	0.784%
25	15.340	2148	2153	2155	rVV2	8147	10688	0.86%	0.079%
26	15.369	2155	2158	2161	rVV2	12618	16947	1.36%	0.125%
27	15.410	2161	2165	2169	rVV3	13201	18888	1.51%	0.139%
28	15.493	2176	2179	2182	rVV3	8447	11358	0.91%	0.084%
29	15.540	2182	2187	2194	rVV	16349	25869	2.07%	0.191%
30	15.687	2204	2212	2221	rVV	16522	34147	2.74%	0.252%
31	15.928	2248	2253	2256	rVV5	7468	11760	0.94%	0.087%
32	16.251	2297	2308	2314	rBV3	16393	42185	3.38%	0.311%
33	16.304	2314	2317	2324	rVV3	11002	18379	1.47%	0.135%
34	16.403	2329	2334	2338	rVV2	8111	14326	1.15%	0.106%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
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_G\METHODS\SOM02.2-EPA-BG072315.M
Title : SVOA CALIBRATION

35	16.486	2345	2348	2350	rVV	8736	10529	0.84%	0.078%
36	16.521	2350	2354	2358	rVV5	11073	20144	1.61%	0.148%
37	16.603	2363	2368	2374	rVB	29321	43305	3.47%	0.319%
38	16.697	2377	2384	2390	rBV4	21139	47310	3.79%	0.349%
39	16.762	2390	2395	2401	rVV	51874	74675	5.99%	0.550%
40	16.944	2417	2426	2430	rBV	360985	537032	43.05%	3.956%
41	16.991	2430	2434	2439	rVV	676557	937468	75.15%	6.906%
42	17.044	2439	2443	2446	rVV	92216	142388	11.41%	1.049%
43	17.079	2446	2449	2455	rVV	163166	211053	16.92%	1.555%
44	17.138	2455	2459	2464	rVB3	13500	20031	1.61%	0.148%
45	17.320	2486	2490	2492	rBV2	8734	12241	0.98%	0.090%
46	17.355	2492	2496	2501	rVV	57686	80384	6.44%	0.592%
47	17.467	2510	2515	2521	rBV2	16719	25243	2.02%	0.186%
48	17.526	2521	2525	2530	rBV2	30888	42094	3.37%	0.310%
49	17.673	2545	2550	2556	rVB2	19487	35502	2.85%	0.262%
50	17.743	2558	2562	2566	rBV5	8138	12752	1.02%	0.094%
51	17.825	2566	2576	2580	rBV	112153	176765	14.17%	1.302%
52	17.872	2580	2584	2590	rVB	153887	210390	16.87%	1.550%
53	17.955	2590	2598	2602	rBV	50763	74446	5.97%	0.548%
54	18.019	2602	2609	2613	rBV2	148212	269992	21.64%	1.989%
55	18.054	2613	2615	2620	rVB	75408	91080	7.30%	0.671%
56	18.137	2625	2629	2632	rBV4	6819	10703	0.86%	0.079%
57	18.178	2633	2636	2640	rVB2	12993	14886	1.19%	0.110%
58	18.231	2640	2645	2649	rBV3	11193	17049	1.37%	0.126%
59	18.331	2658	2662	2666	rVV	71964	100127	8.03%	0.738%
60	18.372	2666	2669	2674	rVB2	52865	75800	6.08%	0.558%
61	18.454	2680	2683	2687	rBV	12513	15917	1.28%	0.117%
62	18.583	2701	2705	2710	rVV2	33522	51954	4.16%	0.383%
63	18.630	2710	2713	2716	rVV	24423	31930	2.56%	0.235%
64	18.671	2716	2720	2724	rVB2	20069	29163	2.34%	0.215%
65	18.759	2729	2735	2739	rBV	58391	104454	8.37%	0.770%
66	18.818	2739	2745	2748	rVV4	34389	65505	5.25%	0.483%
67	18.848	2748	2750	2754	rVB2	17571	17974	1.44%	0.132%
68	18.895	2754	2758	2767	rBV2	47690	94919	7.61%	0.699%
69	19.018	2774	2779	2785	rVV	746754	1005717	80.62%	7.409%
70	19.089	2787	2791	2794	rVV2	21405	32749	2.63%	0.241%
71	19.118	2794	2796	2801	rVV3	22133	29312	2.35%	0.216%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
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_G\METHODS\SOM02.2-EPA-BG072315.M
Title : SVOA CALIBRATION

72	19.171	2802	2805	2809	rVB5	12913	16006	1.28%	0.118%
73	19.224	2810	2814	2817	rVV4	19641	35720	2.86%	0.263%
74	19.265	2817	2821	2825	rVV	37497	57376	4.60%	0.423%
75	19.300	2825	2827	2831	rVB4	14399	15675	1.26%	0.115%
76	19.359	2831	2837	2838	rBV2	236278	324545	26.02%	2.391%
77	19.382	2838	2841	2849	rVV	760150	1105589	88.63%	8.145%
78	19.459	2850	2854	2861	rVB2	39510	69112	5.54%	0.509%
79	19.564	2869	2872	2877	rBV	32024	40144	3.22%	0.296%
80	19.623	2879	2882	2888	rVB	43859	66617	5.34%	0.491%
81	19.717	2892	2898	2903	rBV4	65166	152469	12.22%	1.123%
82	19.799	2910	2912	2915	rBV4	12809	12864	1.03%	0.095%
83	19.852	2915	2921	2922	rBV5	55110	81449	6.53%	0.600%
84	19.882	2923	2926	2931	rVB	127932	184144	14.76%	1.357%
85	19.987	2940	2944	2948	rBV2	88211	113812	9.12%	0.838%
86	20.046	2948	2954	2957	rVV2	97411	159376	12.78%	1.174%
87	20.081	2957	2960	2964	rVB	49786	61863	4.96%	0.456%
88	20.181	2974	2977	2981	rVB	61263	69059	5.54%	0.509%
89	20.228	2981	2985	2990	rBV	76803	103498	8.30%	0.762%
90	20.634	3051	3054	3060	rVB	78146	100196	8.03%	0.738%
91	20.839	3086	3089	3092	rVB	76963	82914	6.65%	0.611%
92	20.881	3093	3096	3100	rVV2	50706	84159	6.75%	0.620%
93	20.933	3101	3105	3113	rVB2	77394	117330	9.41%	0.864%
94	21.151	3136	3142	3146	rBV2	638635	1247444	100.00%	9.190%
95	21.192	3146	3149	3155	rVB	390434	503105	40.33%	3.706%
96	21.309	3166	3169	3174	rBV	56530	70909	5.68%	0.522%
97	22.696	3400	3405	3409	rBV	273944	568071	45.54%	4.185%
98	23.160	3480	3484	3489	rBV	156246	268710	21.54%	1.980%
99	23.254	3496	3500	3507	rVB	268319	456645	36.61%	3.364%
100	23.354	3512	3517	3522	rVV	288158	493339	39.55%	3.634%

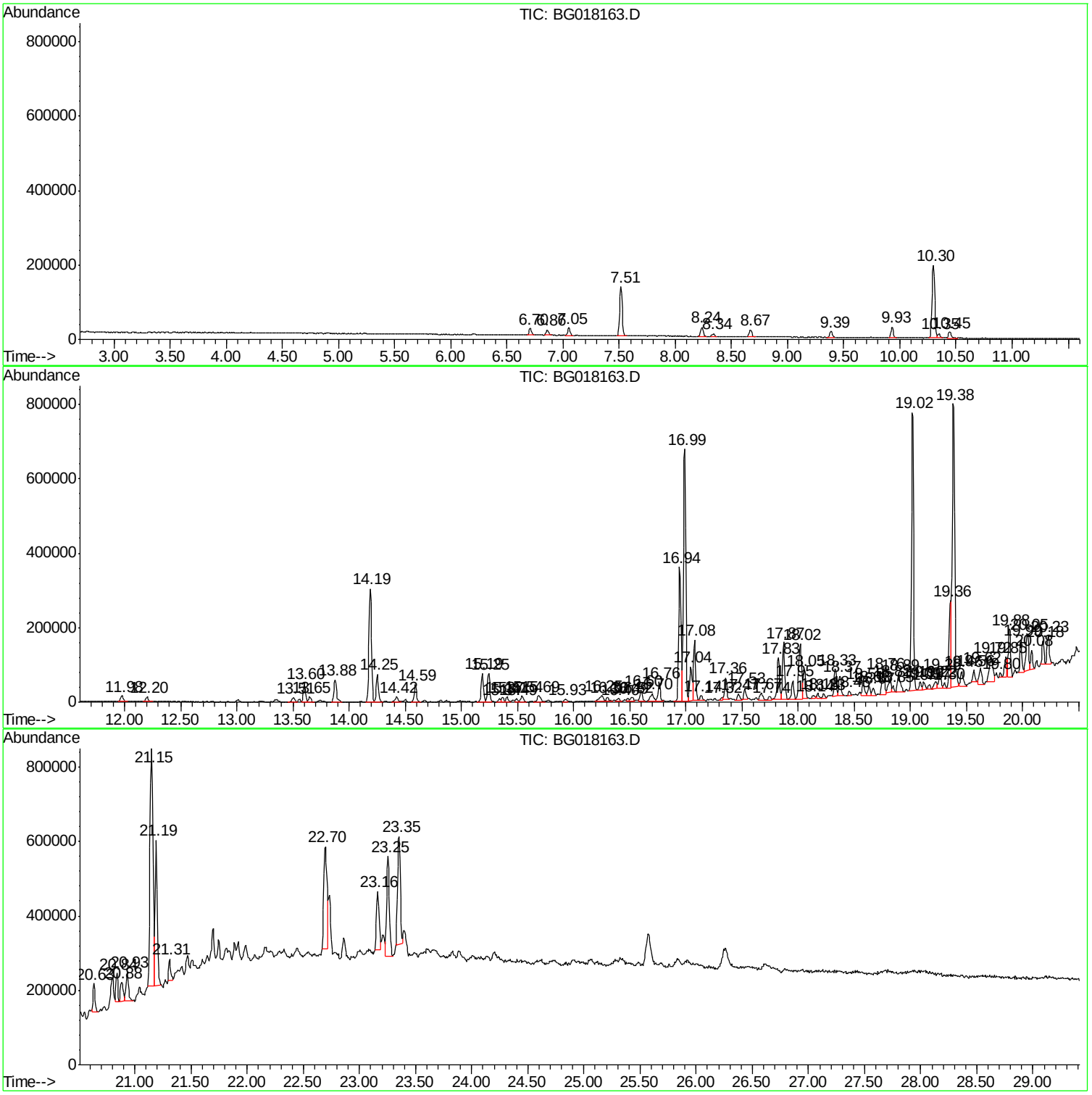
Sum of corrected areas: 13573849

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

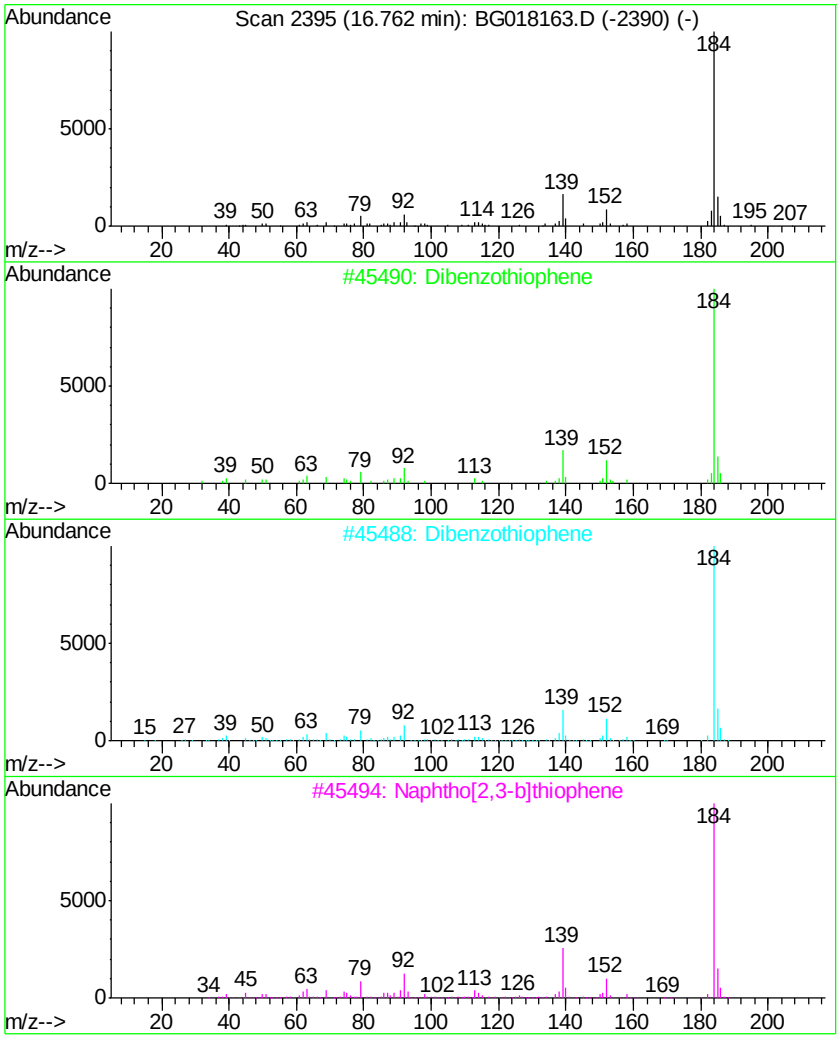
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

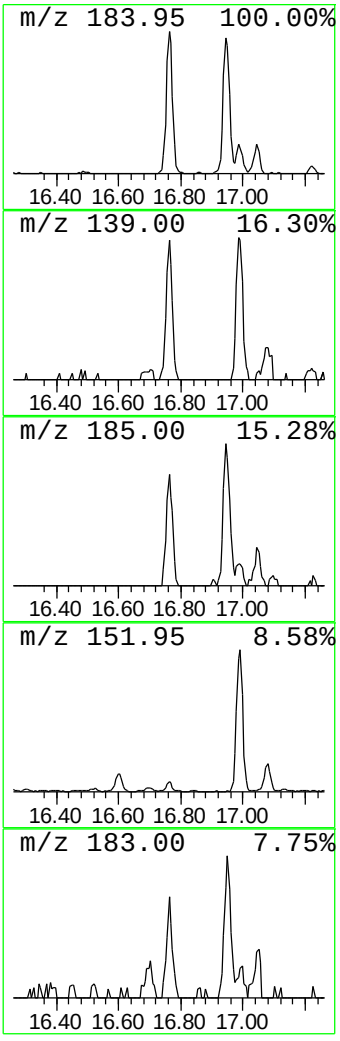
****

Peak Number 1 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.78 ng/ul	74675	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

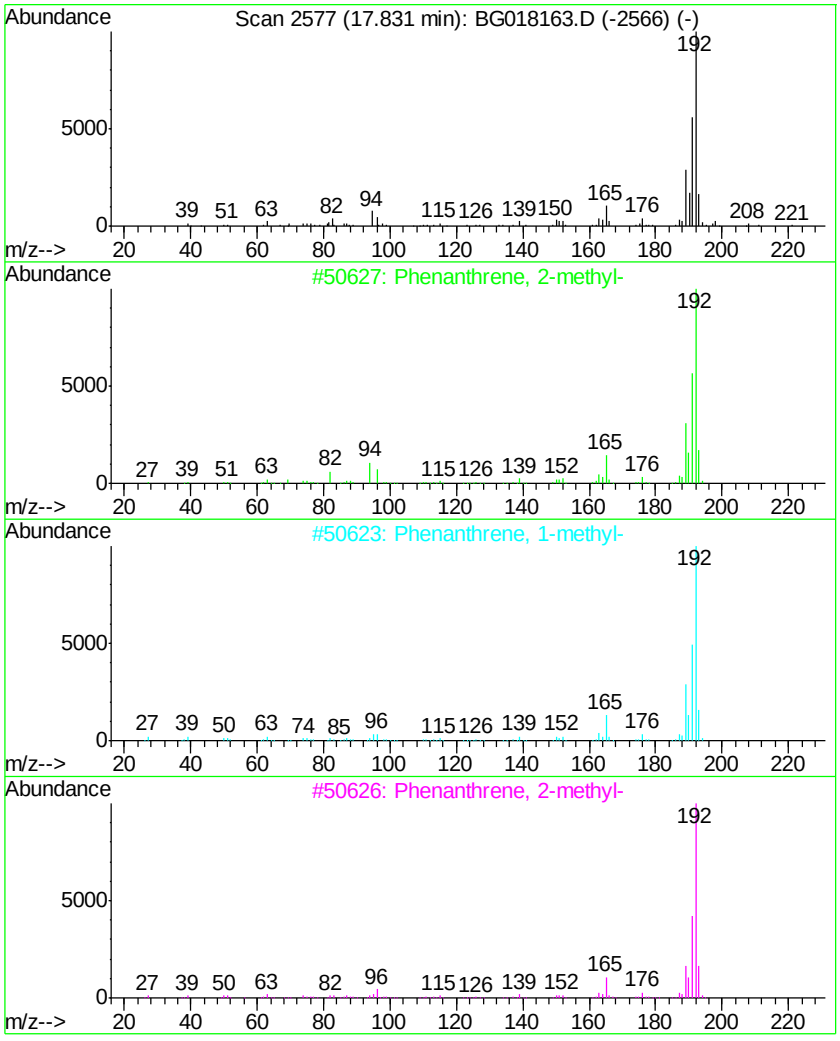
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

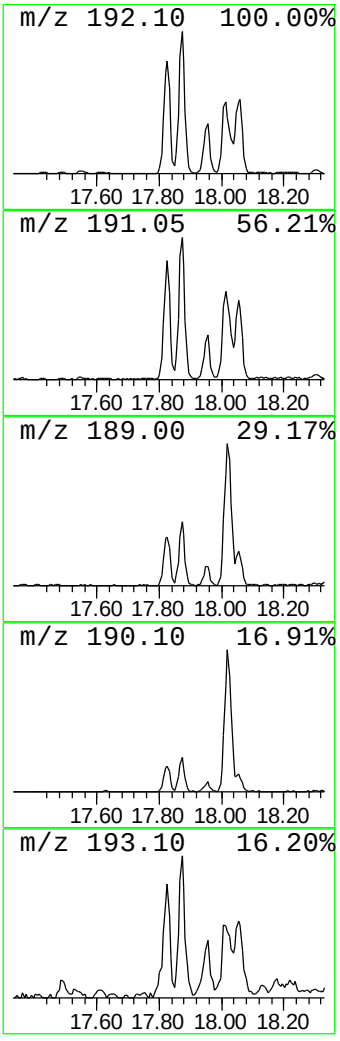
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	6.58 ng/ul	176765	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

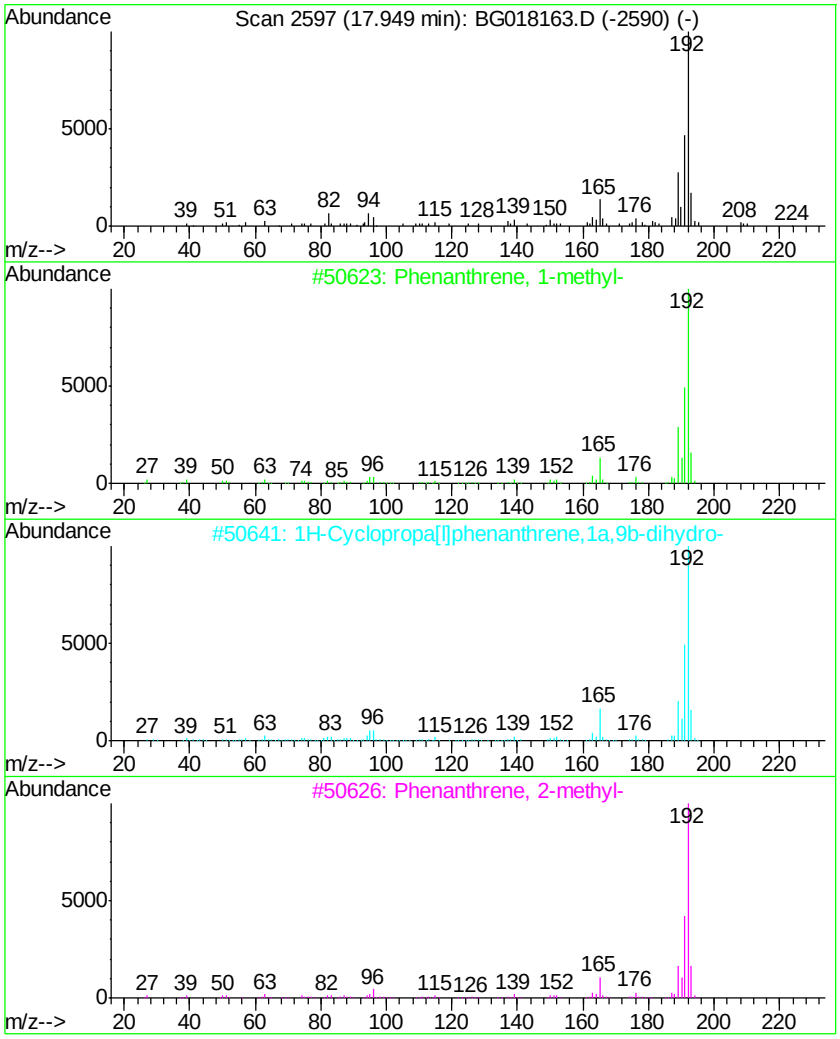
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

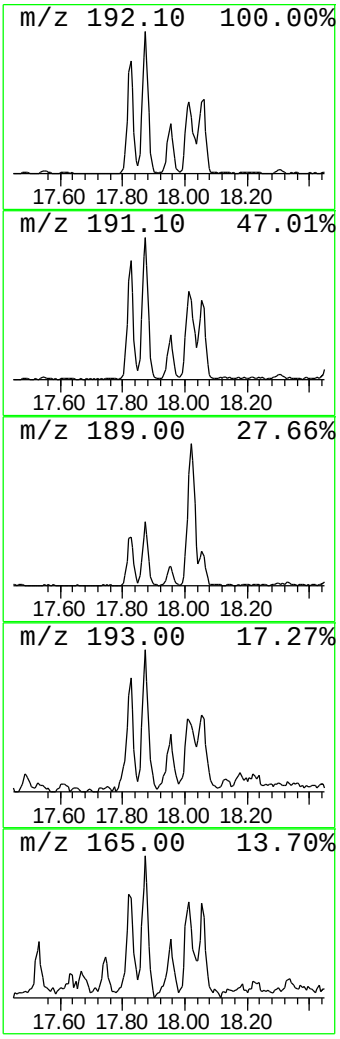
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.77 ng/ul	74446	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

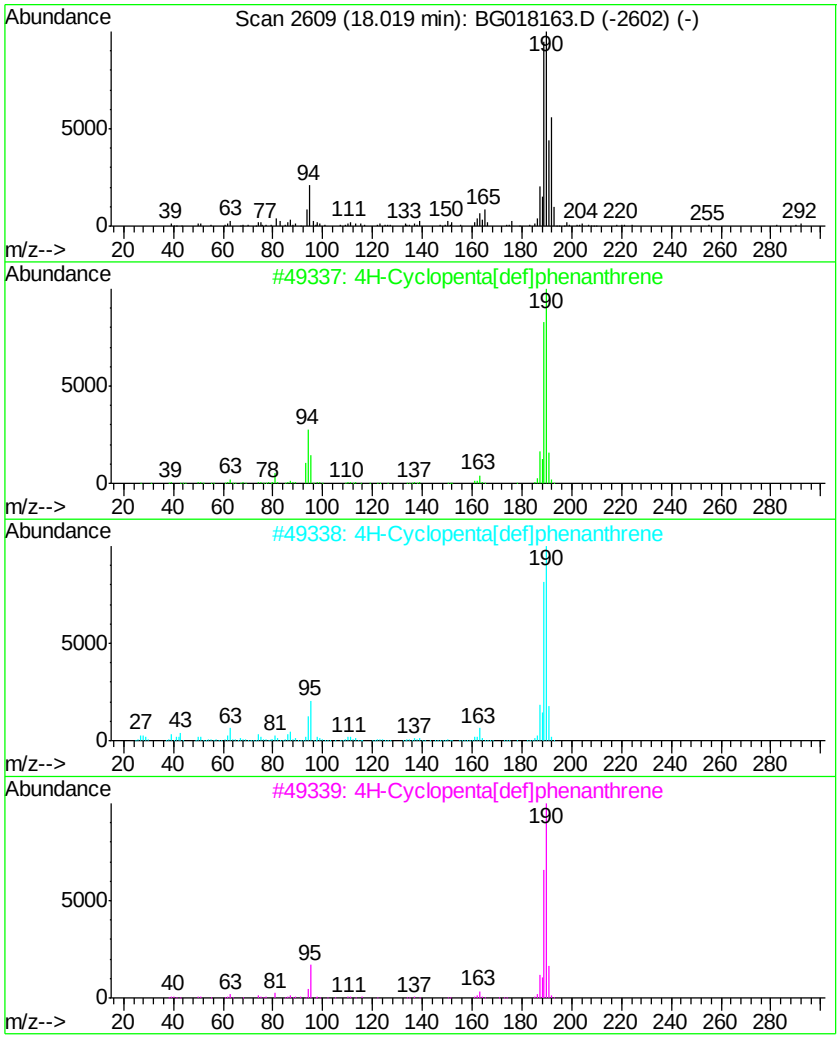
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

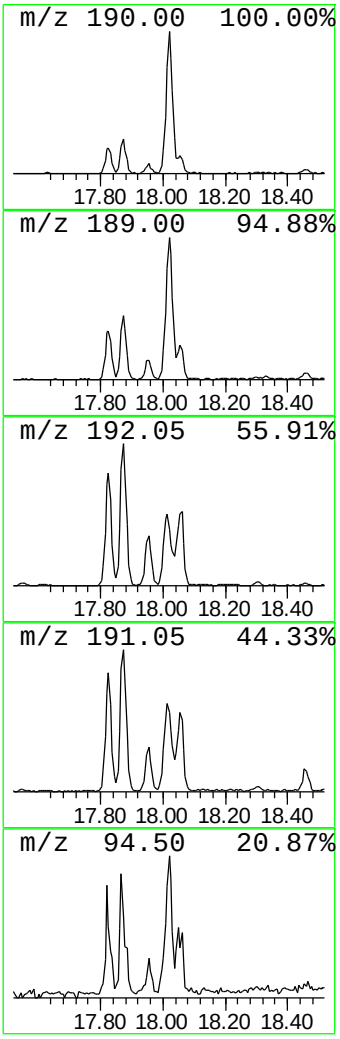
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	10.06 ng/ul	269992	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	20





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

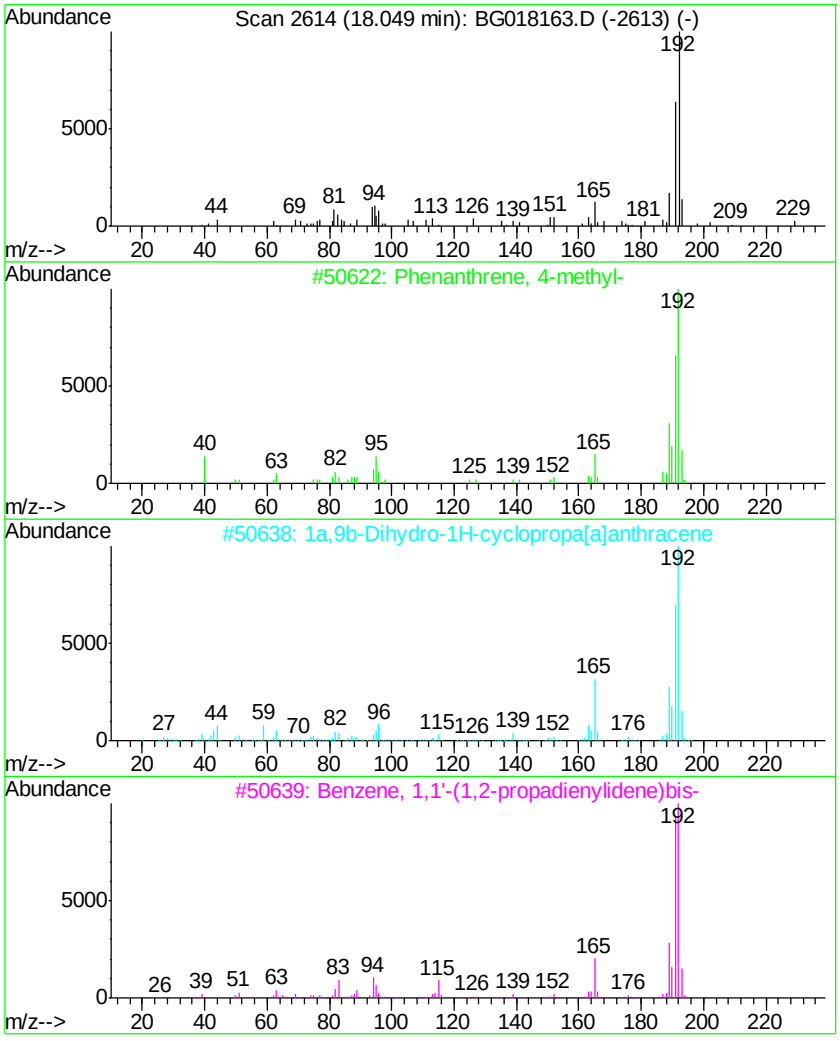
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

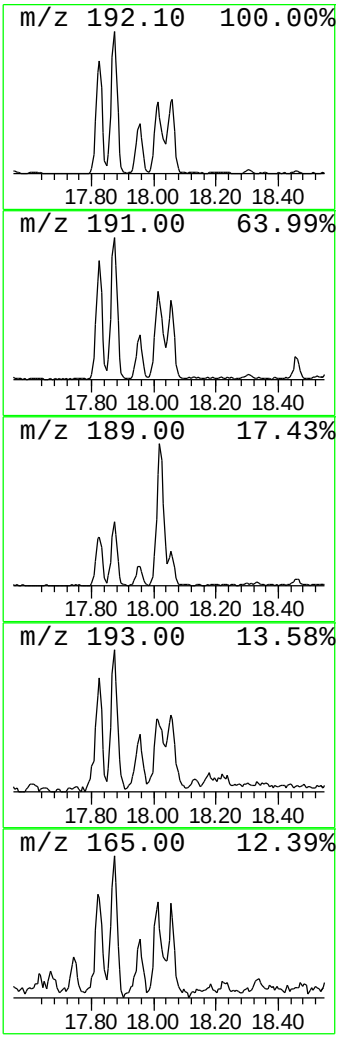
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.39 ng/ul	91080	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	76
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	74
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

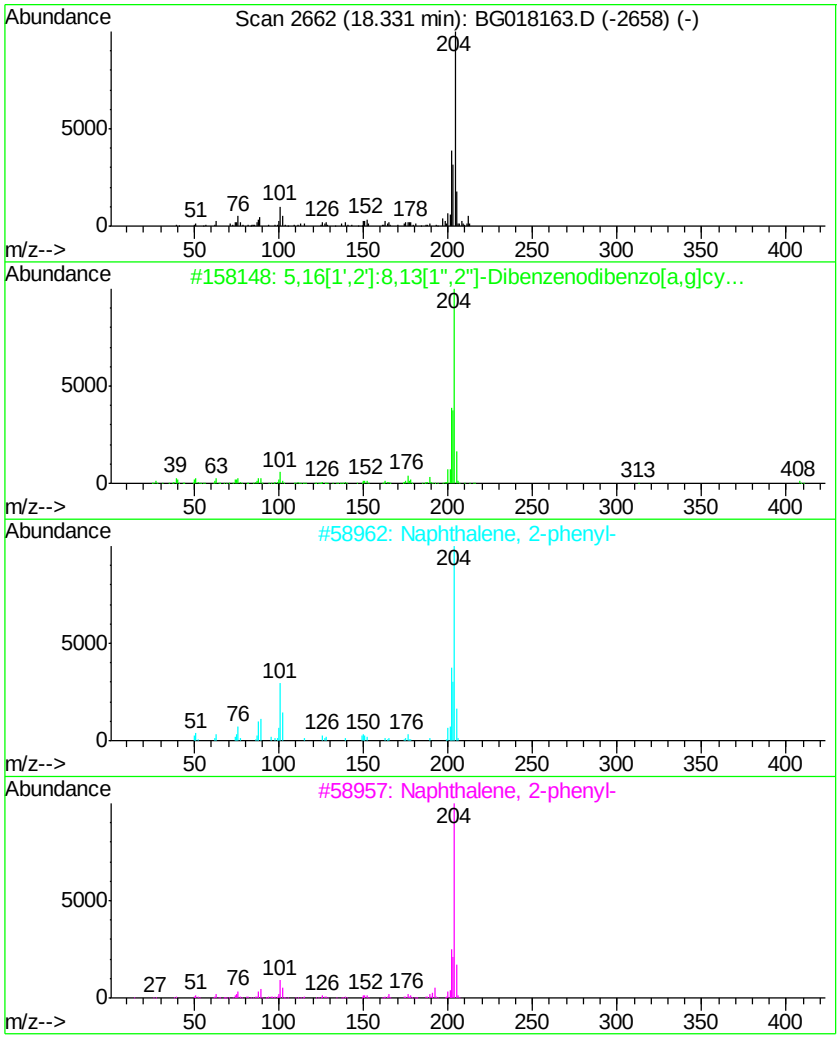
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

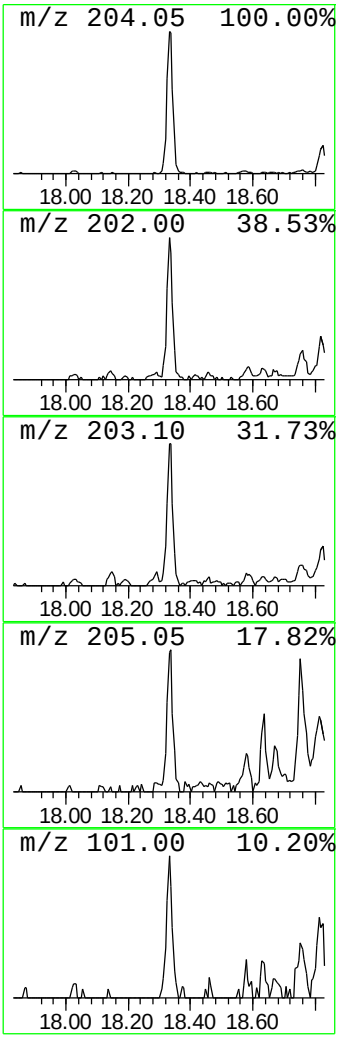
****

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.73 ng/ul	100127	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52





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Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

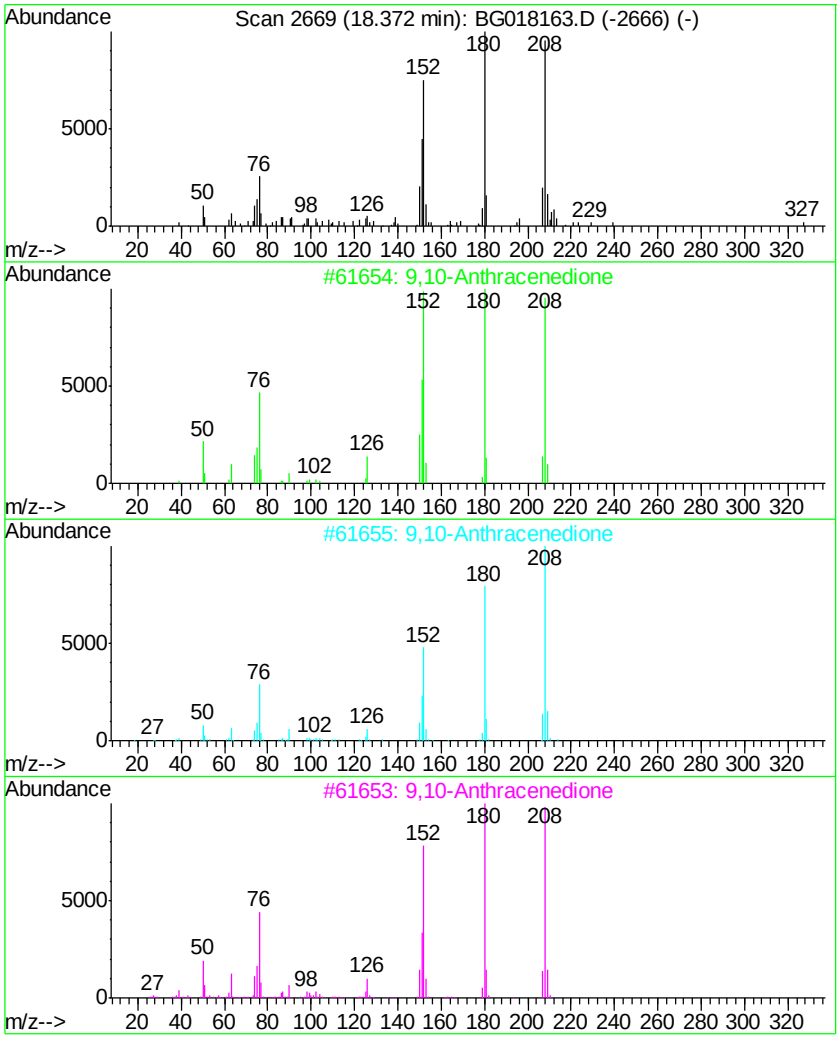
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

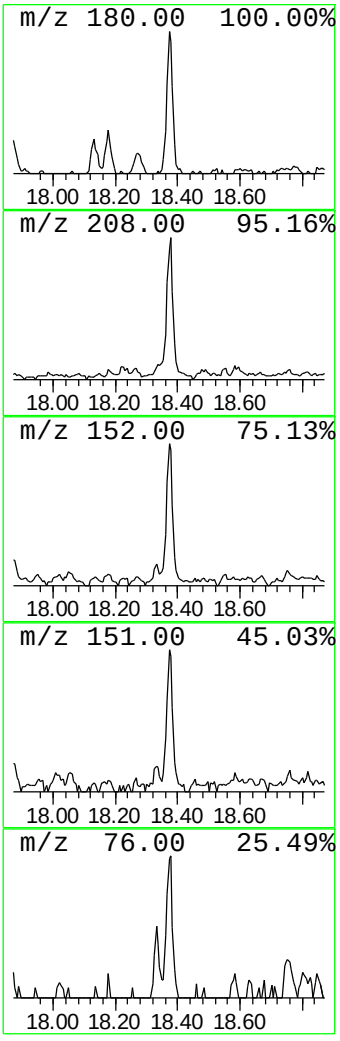
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.82 ng/ul	75800	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





Library Search Compound Report

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Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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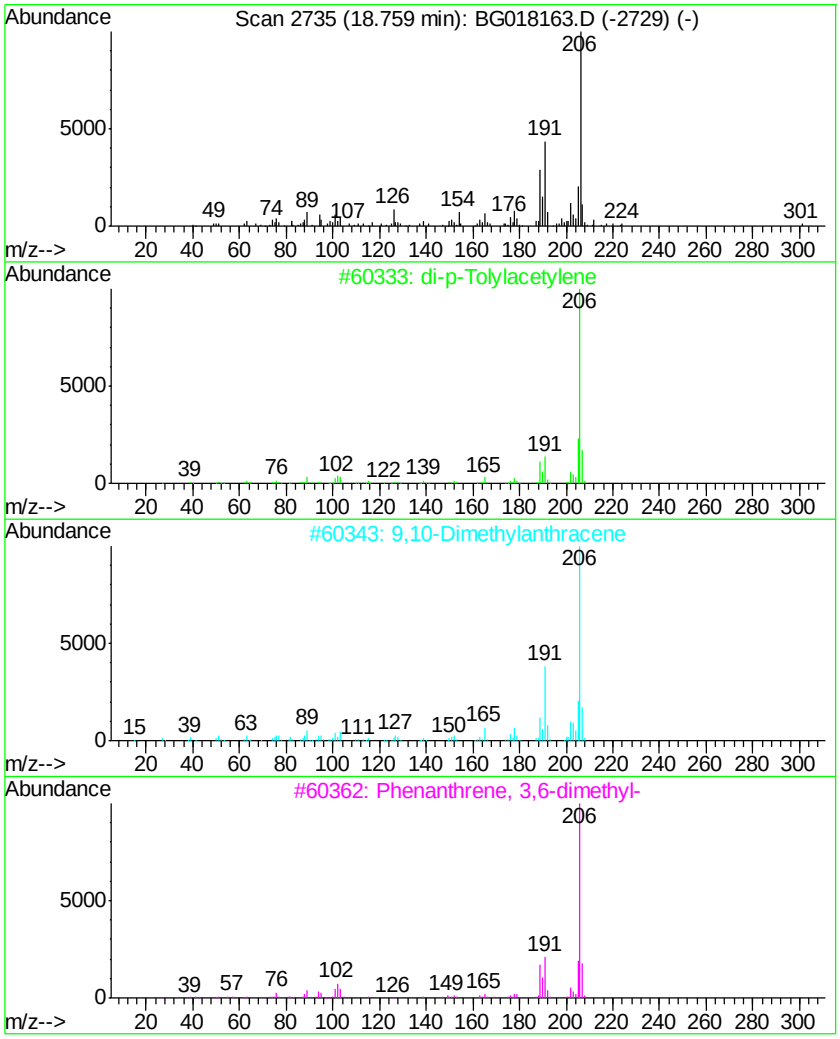
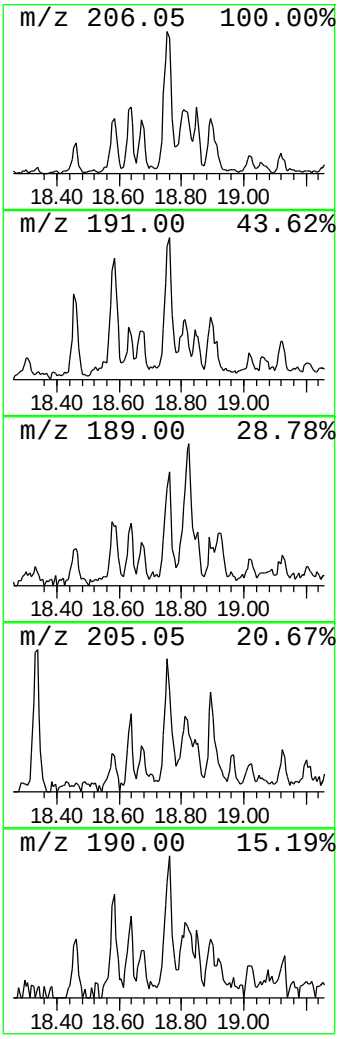
Peak Number 9 di-p-Tolylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.89 ng/ul	104454	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81





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Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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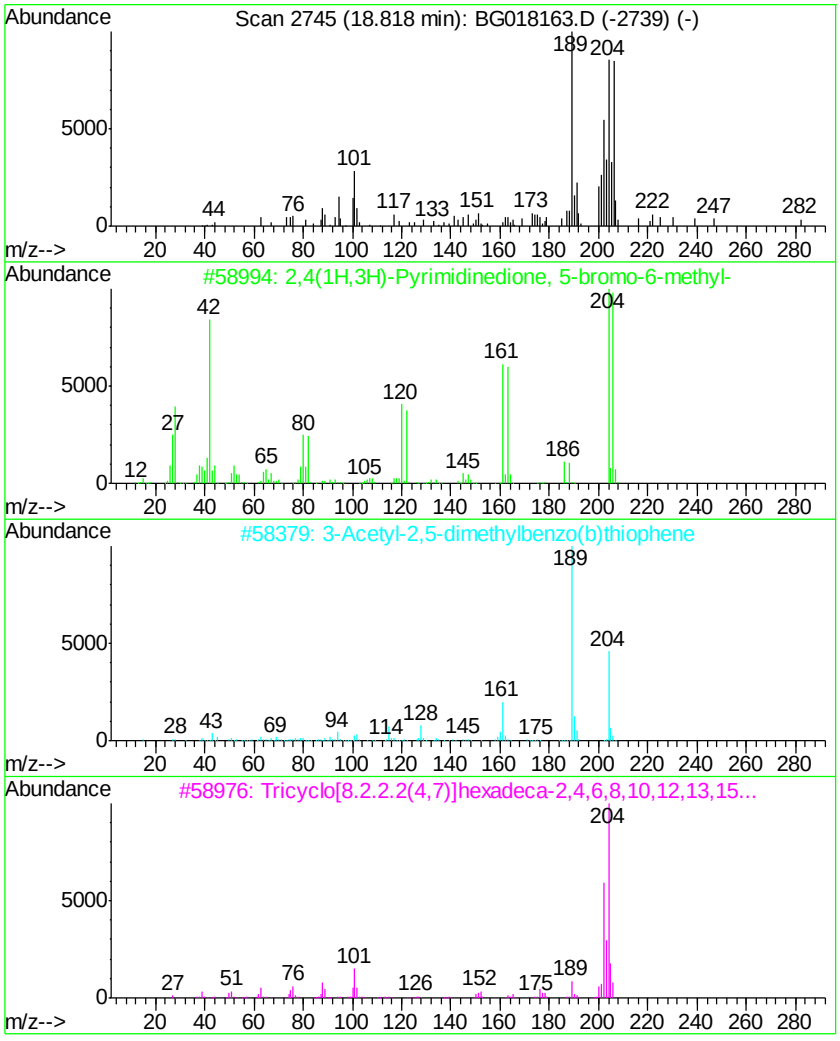
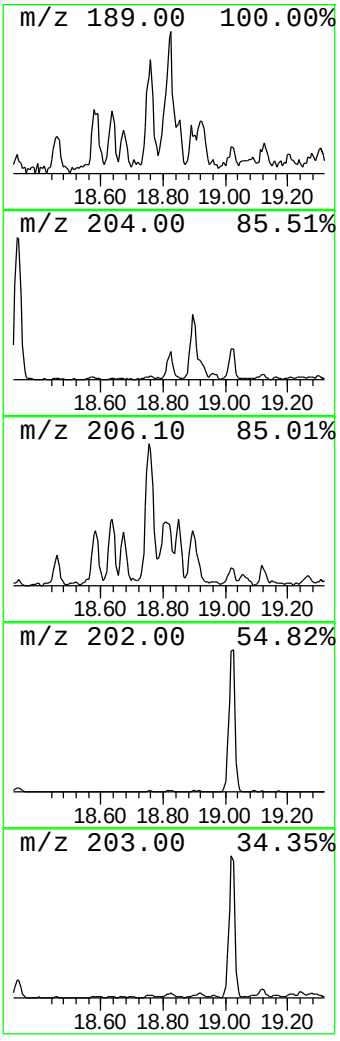
Peak Number 10 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.44 ng/ul	65505	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4(1H,3H)-Pyrimidinedione, 5-br...	204	C5H5BrN2O2	015018-56-1	30
2	3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	27
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	25
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	20
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	20





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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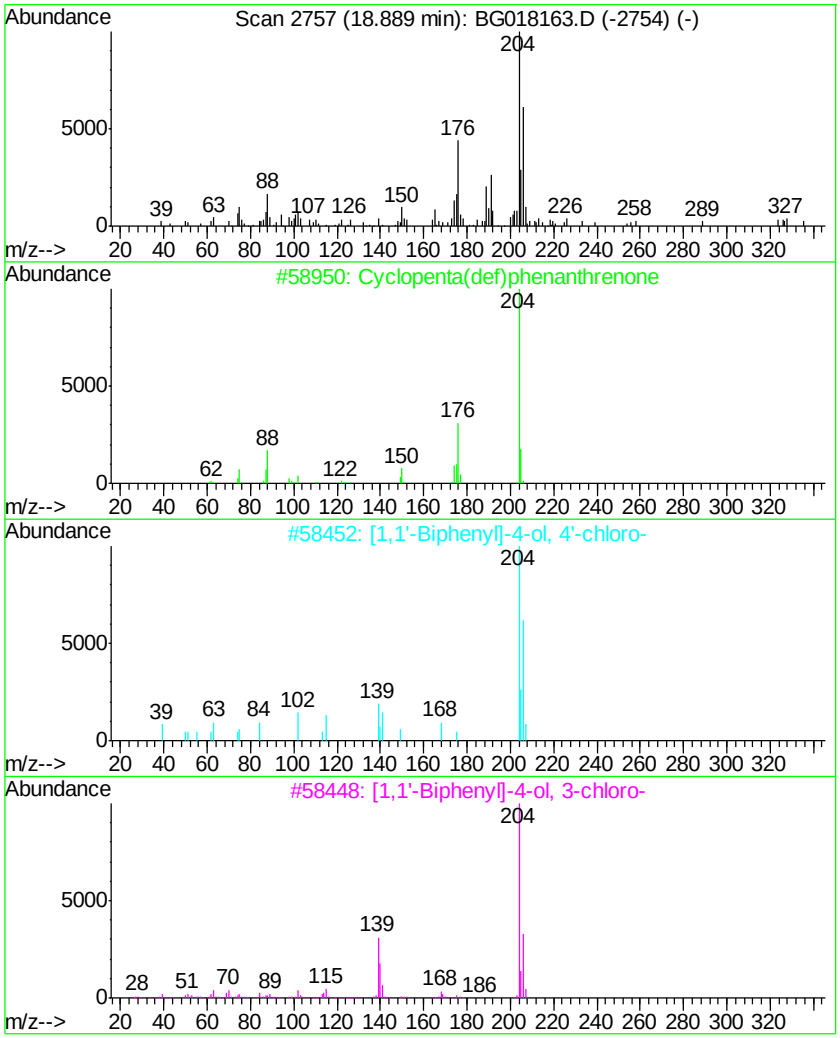
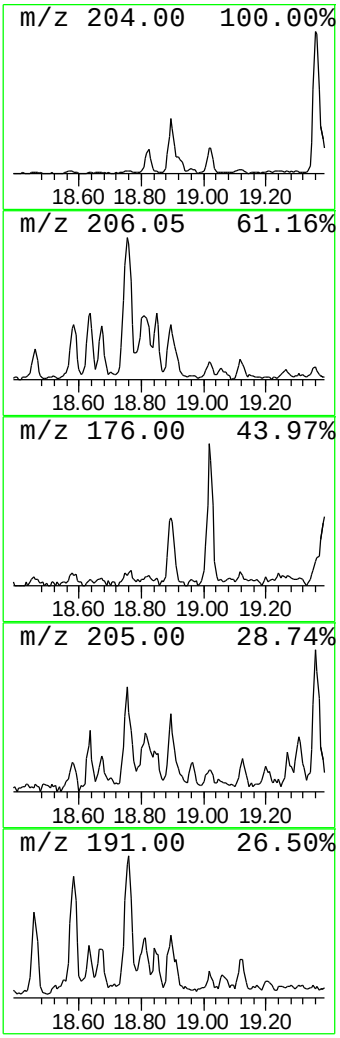
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.53 ng/ul	94919	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	50
3	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	49
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
5	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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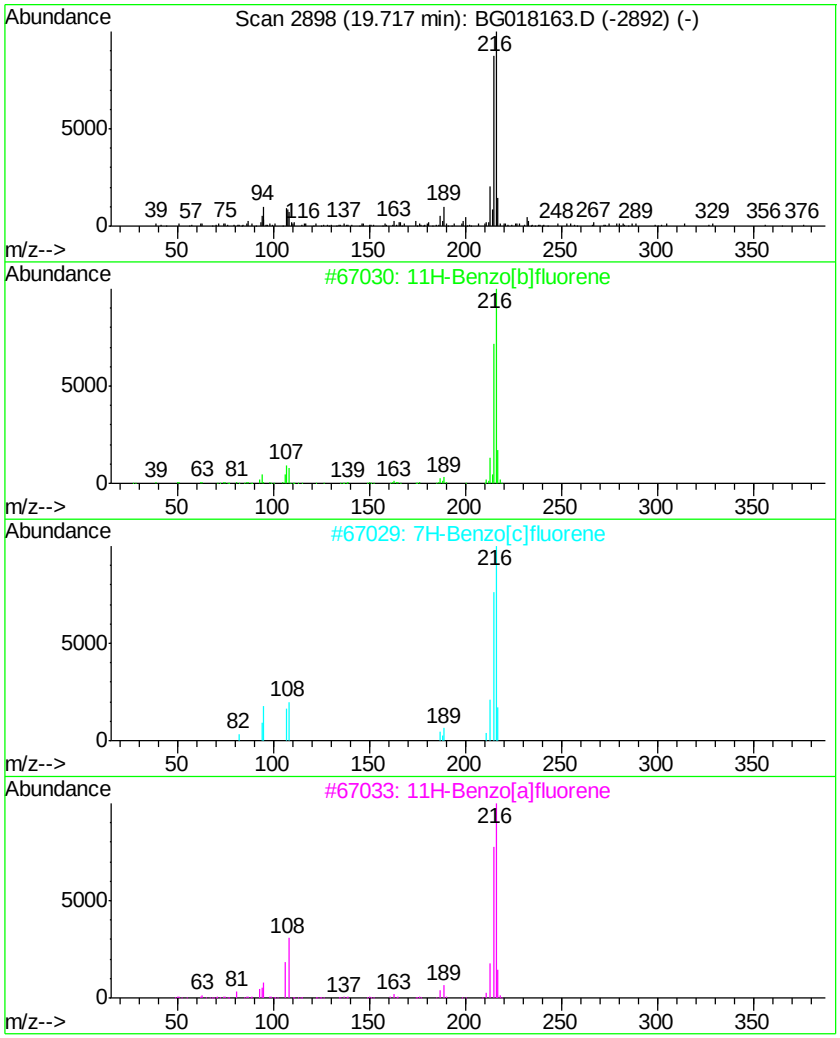
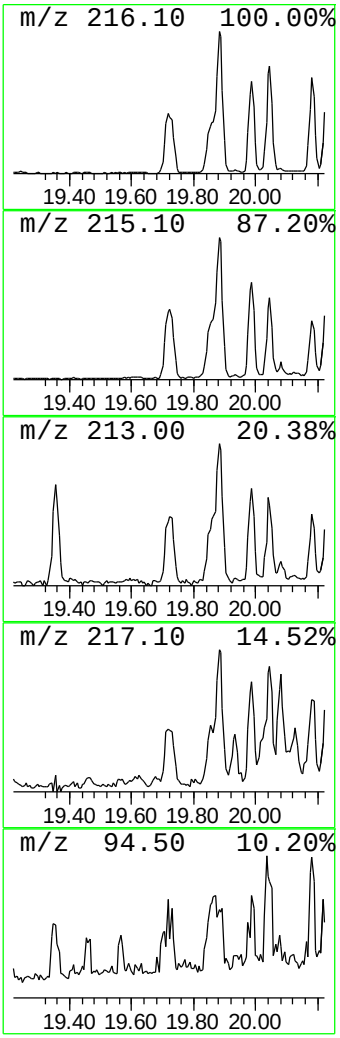
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.44 ng/ul	152469	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72





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Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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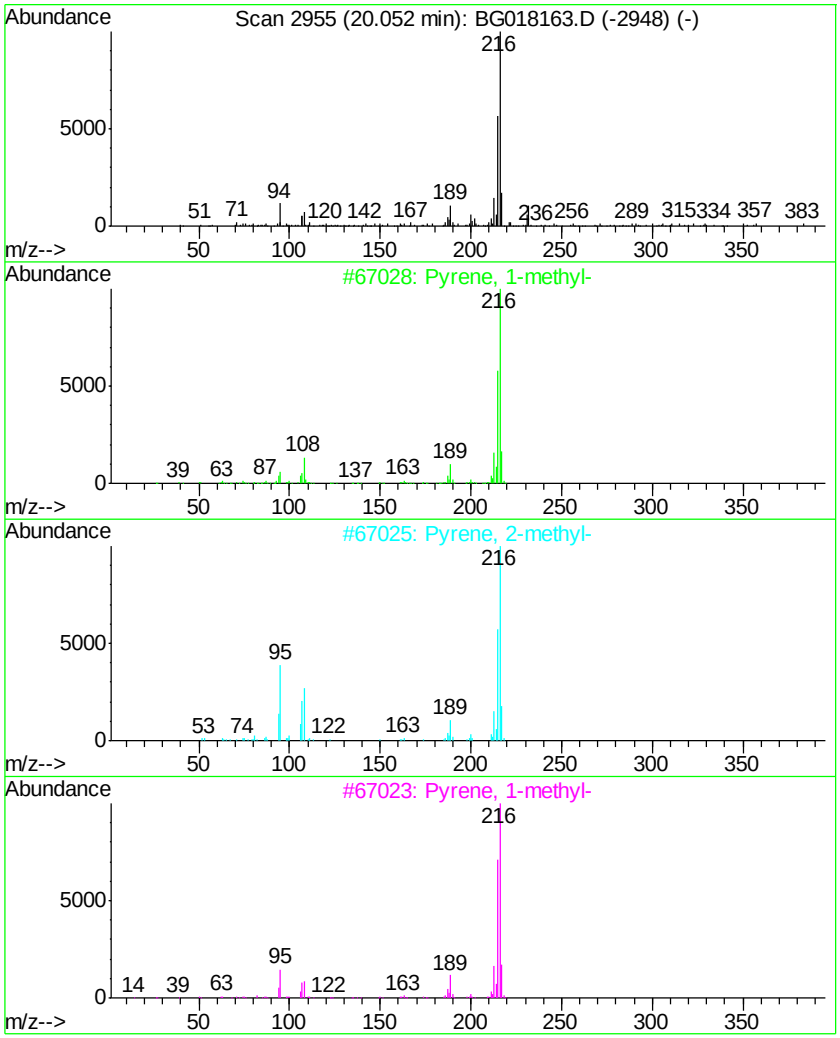
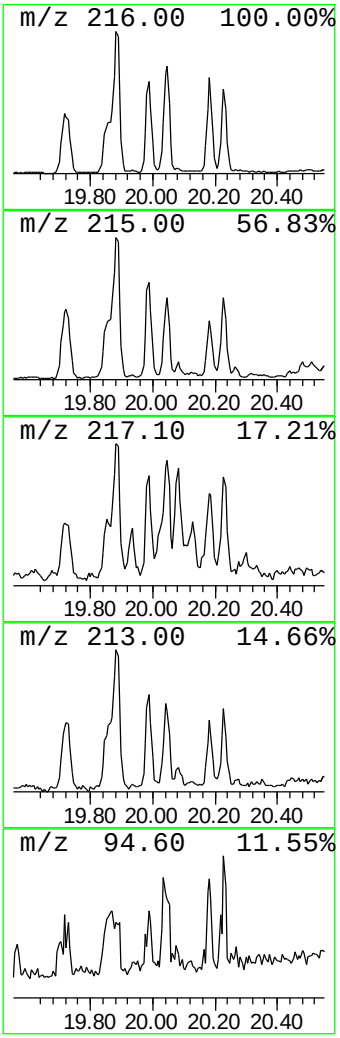
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.56 ng/ul	159376	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018163.D
Acq On : 29 Jul 2015 1:03
Operator : TP/UM
Sample : G3035-13DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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	16.76	2.8	ng/ul	74675	4	16.94	537032	20.0
Phenanthrene, 2-m...	17.83	6.6	ng/ul	176765	4	16.94	537032	20.0
Phenanthrene, 1-m...	17.95	2.8	ng/ul	74446	4	16.94	537032	20.0
4H-Cyclopenta[def...	18.02	10.1	ng/ul	269992	4	16.94	537032	20.0
Phenanthrene, 4-m...	18.05	3.4	ng/ul	91080	4	16.94	537032	20.0
5,16[1',2']:8,13[...	18.33	3.7	ng/ul	100127	4	16.94	537032	20.0
9,10-Anthracenedione	18.37	2.8	ng/ul	75800	4	16.94	537032	20.0
di-p-Tolylacetylene	18.76	3.9	ng/ul	104454	4	16.94	537032	20.0
unknown-01	18.82	2.4	ng/ul	65505	4	16.94	537032	20.0
Cyclopenta(def)ph...	18.89	3.5	ng/ul	94919	4	16.94	537032	20.0
11H-Benzo[b]fluorene	19.72	2.4	ng/ul	152469	5	21.16	1247440	20.0
Pyrene, 1-methyl-	20.05	2.6	ng/ul	159376	5	21.16	1247440	20.0