LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

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-BG070615.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	2.810	18	21	29	rVV4	27609	50587	1.78%	0.171%
2	2.887	29	34	45	rVB	295750	419418	14.72%	1.416%
3	6.782	691	697	701	rBV	23720	39023	1.37%	0.132%
4	6.947	719	725	731	rBV3	16350	29789	1.05%	0.101%
5	7.140	751	758	762	rVV2	26505	42091	1.48%	0.142%
6	7.605	828	837	846	rBV	352158	547699	19.22%	1.848%
7	8.310	949	957	963	rBV3	30156	51484	1.81%	0.174%
8	8.427	971	977	984	rBV	29346	47691	1.67%	0.161%
9	8.750	1026	1032	1039	rVB2	19270	37164	1.30%	0.125%
10	9.473	1150	1155	1160	rVV3	17558	29322	1.03%	0.099%
11	10.008	1239	1246	1253	rBV2	36040	57081	2.00%	0.193%
12	10.384	1303	1310	1317	rBV	521268	863528	30.31%	2.914%
13	10.525	1330	1334	1344	rBV4	12297	22728	0.80%	0.077%
14	13.580	1848	1854	1858	rBV4	19685	33997	1.19%	0.115%
15	13.674	1865	1870	1875	rVV2	51473	77234	2.71%	0.261%
16	13.721	1875	1878	1881	rVB2	22833	29528	1.04%	0.100%
17	13.944	1910	1916	1920	rBV	59722	98477	3.46%	0.332%
18	14.262	1959	1970	1976	rBV2	762558	1226150	43.04%	4.138%
19	14.320	1976	1980	1989	rVV	84561	135619	4.76%	0.458%
20	14.461	1999	2004	2014	rVV8	25209	51026	1.79%	0.172%
21	14.573	2017	2023	2029	rVV7	11796	22518	0.79%	0.076%
22	14.655	2029	2037	2045	rVV2	69510	117309	4.12%	0.396%
23	14.737	2047	2051	2055	rVB3	17673	28451	1.00%	0.096%
24	14.884	2070	2076	2080	rBV3	17464	30970	1.09%	0.105%
25	14.937	2080	2085	2089	rVB5	17125	25593	0.90%	0.086%
26	15.055	2097	2105	2107	rBV6	13715	27892	0.98%	0.094%
27	15.254	2133	2139	2143	rVB2	86208	118688	4.17%	0.401%
28	15.307	2143	2148	2153	rVB2	136711	195233	6.85%	0.659%
29	15.431	2166	2169	2173	rVV4	21990	36244	1.27%	0.122%
30	15.472	2173	2176	2181	rVB5	27234	37454	1.31%	0.126%
31	15.531	2181	2186	2189	rBV7	18512	30099	1.06%	0.102%
32	15.607	2195	2199	2208	rVB2	47857	89355	3.14%	0.302%
33	15.754	2219	2224	2232	rVB2	47313	106181	3.73%	0.358%
34	15.842	2232	2239	2244	rBV7	14513	36204	1.27%	0.122%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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-BG070615.M
Title : SVOA CALIBRATION

35	15.995	2260	2265	2268	rBV7	19957	34130	1.20%	0.115%
36	16.318	2313	2320	2325	rVV4	44650	102828	3.61%	0.347%
37	16.371	2325	2329	2335	rVV4	39479	71667	2.52%	0.242%
38	16.418	2335	2337	2340	rVV4	16118	21890	0.77%	0.074%
39	16.465	2340	2345	2349	rVB7	24944	48825	1.71%	0.165%
40	16.518	2351	2354	2357	rVV4	26363	37715	1.32%	0.127%
41	16.547	2357	2359	2362	rVV4	25527	35383	1.24%	0.119%
42	16.594	2362	2367	2370	rVV6	36149	66163	2.32%	0.223%
43	16.665	2376	2379	2386	rVB6	23625	38620	1.36%	0.130%
44	16.764	2388	2396	2403	rVV5	38508	115898	4.07%	0.391%
45	16.829	2403	2407	2416	rVB	74149	143408	5.03%	0.484%
46	17.011	2432	2438	2441	rBV	945018	1352612	47.47%	4.565%
47	17.052	2441	2445	2450	rVV	1193074	1619682	56.85%	5.466%
48	17.105	2450	2454	2456	rVV2	100842	143700	5.04%	0.485%
49	17.140	2456	2460	2465	rVV	383885	536576	18.83%	1.811%
50	17.199	2467	2470	2477	rVV5	32157	67666	2.37%	0.228%
51	17.417	2503	2507	2511	rVB	42726	55770	1.96%	0.188%
52	17.534	2524	2527	2530	rBV2	35538	42722	1.50%	0.144%
53	17.593	2533	2537	2540	rVV	30273	41811	1.47%	0.141%
54	17.734	2556	2561	2567	rBV4	35020	62767	2.20%	0.212%
55	17.887	2582	2587	2591	rBV2	158657	210159	7.38%	0.709%
56	17.934	2591	2595	2601	rVB	218203	316883	11.12%	1.069%
57	18.016	2604	2609	2613	rBV2	96736	139972	4.91%	0.472%
58	18.081	2615	2620	2624	rVV2	262128	473934	16.63%	1.600%
59	18.116	2624	2626	2633	rVB	104711	138185	4.85%	0.466%
60	18.286	2652	2655	2660	rVB4	25070	37214	1.31%	0.126%
61	18.398	2669	2674	2677	rBV	127568	177475	6.23%	0.599%
62	18.427	2677	2679	2686	rVB5	42827	71977	2.53%	0.243%
63	18.645	2712	2716	2719	rVB2	55878	73050	2.56%	0.247%
64	18.692	2720	2724	2727	rVV	59461	82424	2.89%	0.278%
65	18.733	2727	2731	2735	rVB3	60038	79046	2.77%	0.267%
66	18.815	2740	2745	2750	rBV2	123468	224557	7.88%	0.758%
67	18.880	2750	2756	2759	rBV5	56080	104273	3.66%	0.352%
68	18.956	2764	2769	2776	rBV3	64195	135697	4.76%	0.458%
69	19.079	2784	2790	2796	rBV	1952162	2511614	88.15%	8.477%
70	19.150	2799	2802	2804	rVV2	41552	52744	1.85%	0.178%
71	19.179	2804	2807	2811	rVB3	37439	50735	1.78%	0.171%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

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-BG070615.M
Title : SVOA CALIBRATION

72	19.326	2828	2832	2835	rVB3	63275	83464	2.93%	0.282%
73	19.414	2842	2847	2848	rBV2	429268	495024	17.37%	1.671%
74	19.444	2848	2852	2860	rVV	1583689	2268329	79.61%	7.656%
75	19.520	2861	2865	2871	rVB2	130903	220872	7.75%	0.745%
76	19.620	2879	2882	2889	rVB2	82992	137036	4.81%	0.462%
77	19.685	2890	2893	2899	rVB2	76526	105123	3.69%	0.355%
78	19.767	2902	2907	2909	rBV3	109890	186609	6.55%	0.630%
79	19.943	2927	2937	2941	rVB	324681	602793	21.16%	2.034%
80	20.043	2950	2954	2958	rBV	264600	325182	11.41%	1.097%
81	20.096	2958	2963	2968	rBV2	203013	348110	12.22%	1.175%
82	20.237	2984	2987	2991	rBV	114140	140159	4.92%	0.473%
83	20.284	2991	2995	2999	rVB	133235	175653	6.17%	0.593%
84	20.689	3061	3064	3069	rVB	138509	198419	6.96%	0.670%
85	20.783	3077	3080	3085	rVB2	72987	83029	2.91%	0.280%
86	20.836	3085	3089	3090	rBV	93121	115864	4.07%	0.391%
87	20.860	3090	3093	3096	rVV2	153974	181538	6.37%	0.613%
88	20.895	3096	3099	3102	rVB	123147	124808	4.38%	0.421%
89	20.942	3102	3107	3111	rBV3	119590	206043	7.23%	0.695%
90	21.206	3145	3152	3156	rBV2	1469800	2849179	100.00%	9.616%
91	21.247	3156	3159	3166	rVB	777339	967837	33.97%	3.266%
92	21.365	3175	3179	3182	rBV	137237	173052	6.07%	0.584%
93	21.518	3201	3205	3211	rBV4	105757	200944	7.05%	0.678%
94	21.700	3233	3236	3239	rBV3	72597	114822	4.03%	0.388%
95	21.982	3281	3284	3290	rVB4	133598	193724	6.80%	0.654%
96	22.769	3412	3418	3423	rBV	534073	1213771	42.60%	4.096%
97	23.239	3493	3498	3504	rBV	315615	584836	20.53%	1.974%
98	23.339	3509	3515	3521	rVB	500444	953382	33.46%	3.218%
99	23.433	3525	3531	3537	rBV	759070	1476040	51.81%	4.982%
100	25.689	3908	3915	3924	rVB2	203359	592301	20.79%	1.999%

Sum of corrected areas: 29629542

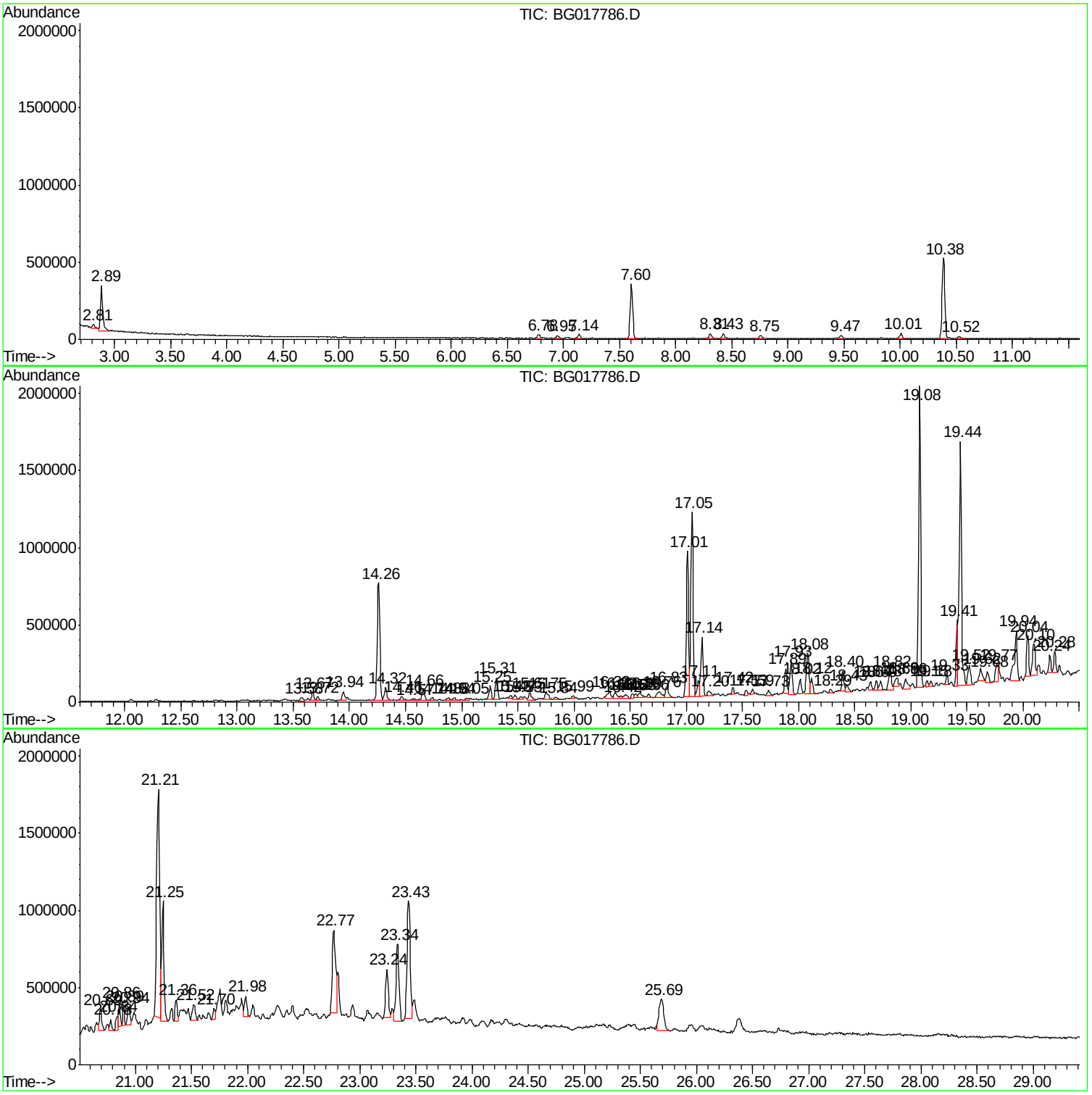
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

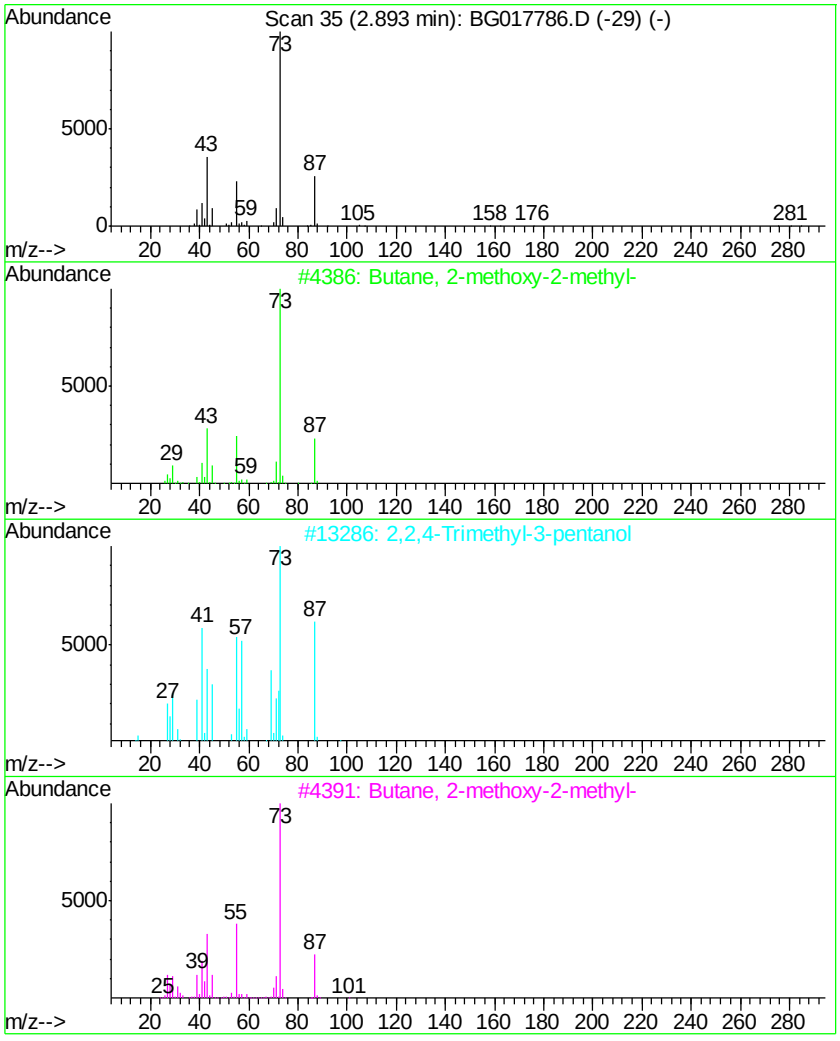
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

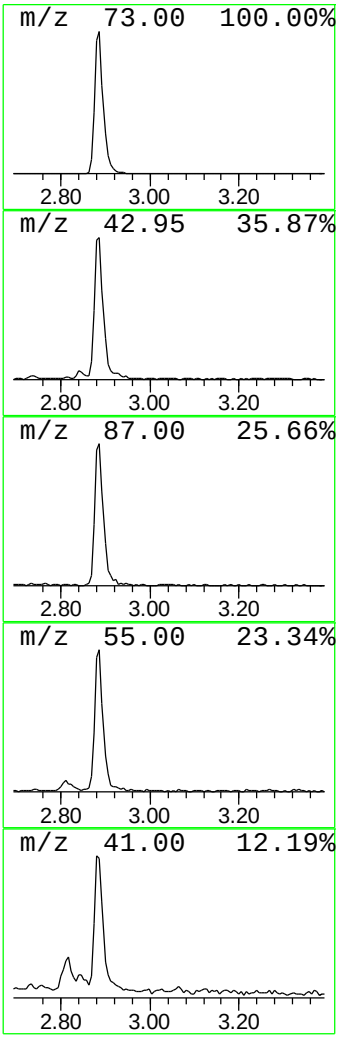
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	15.32 ng/ul	419418	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

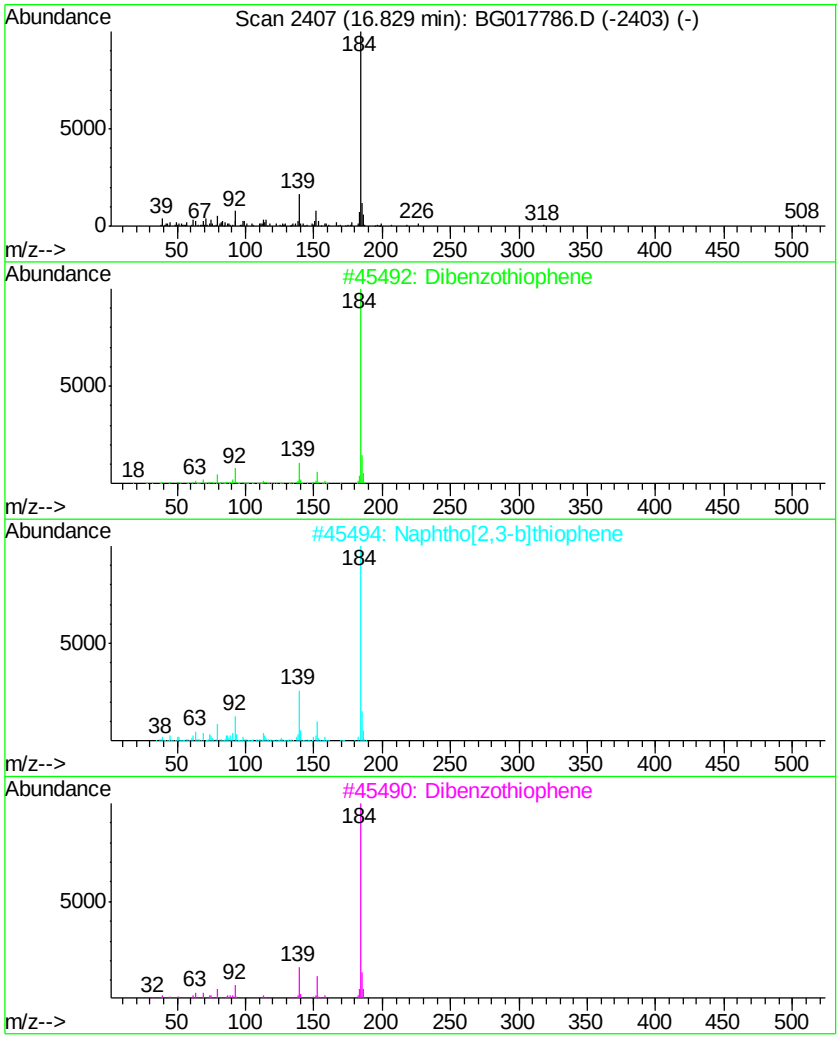
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

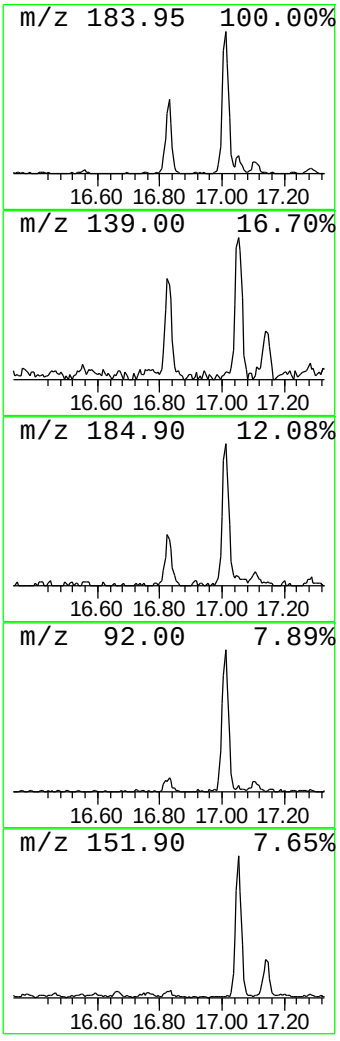
****

Peak Number 2 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.12 ng/ul	143408	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

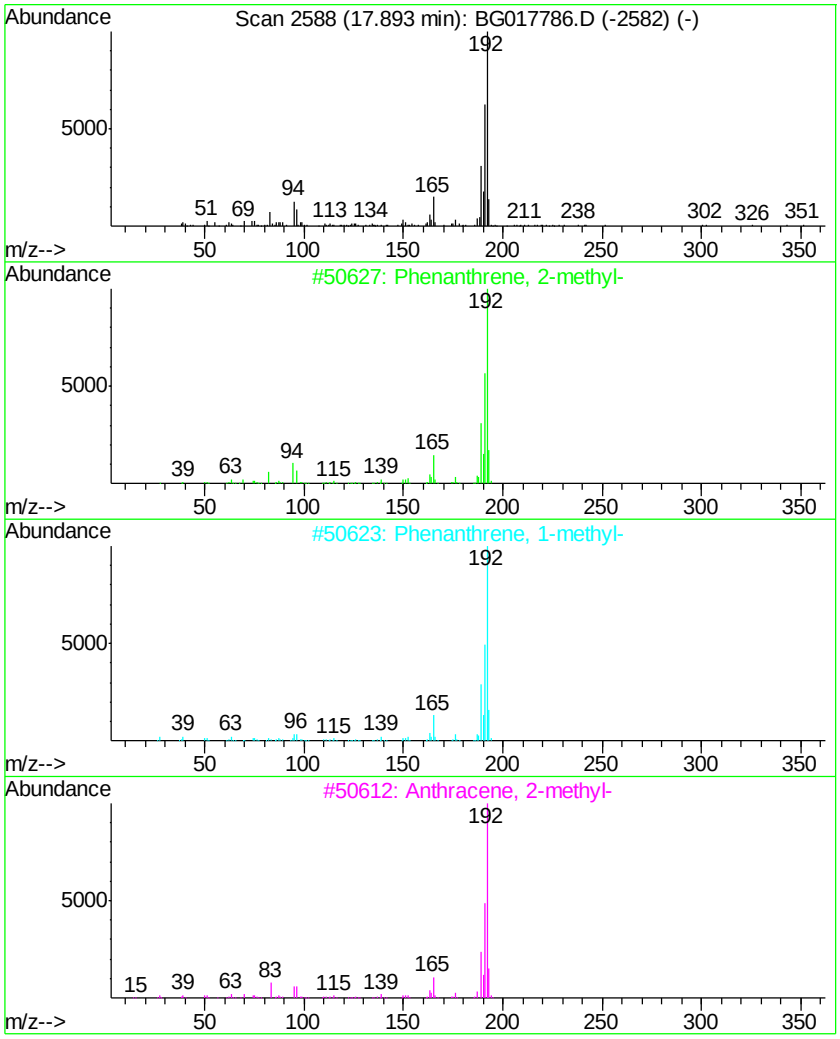
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

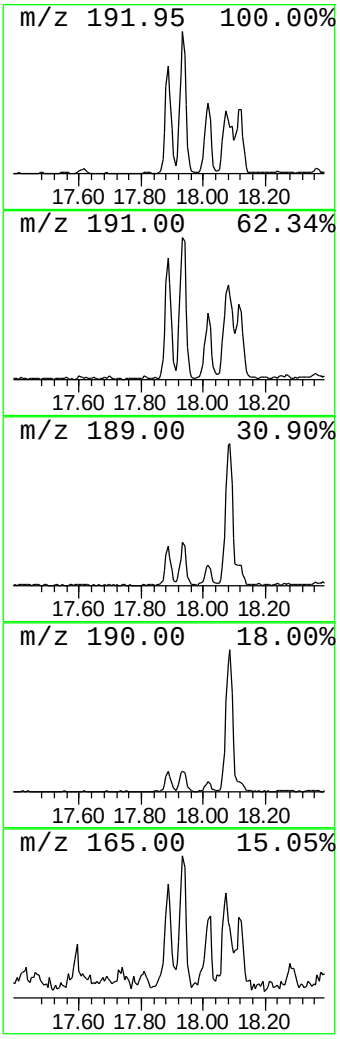
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.11 ng/ul	210159	Phenanthrene-d10	17.01

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

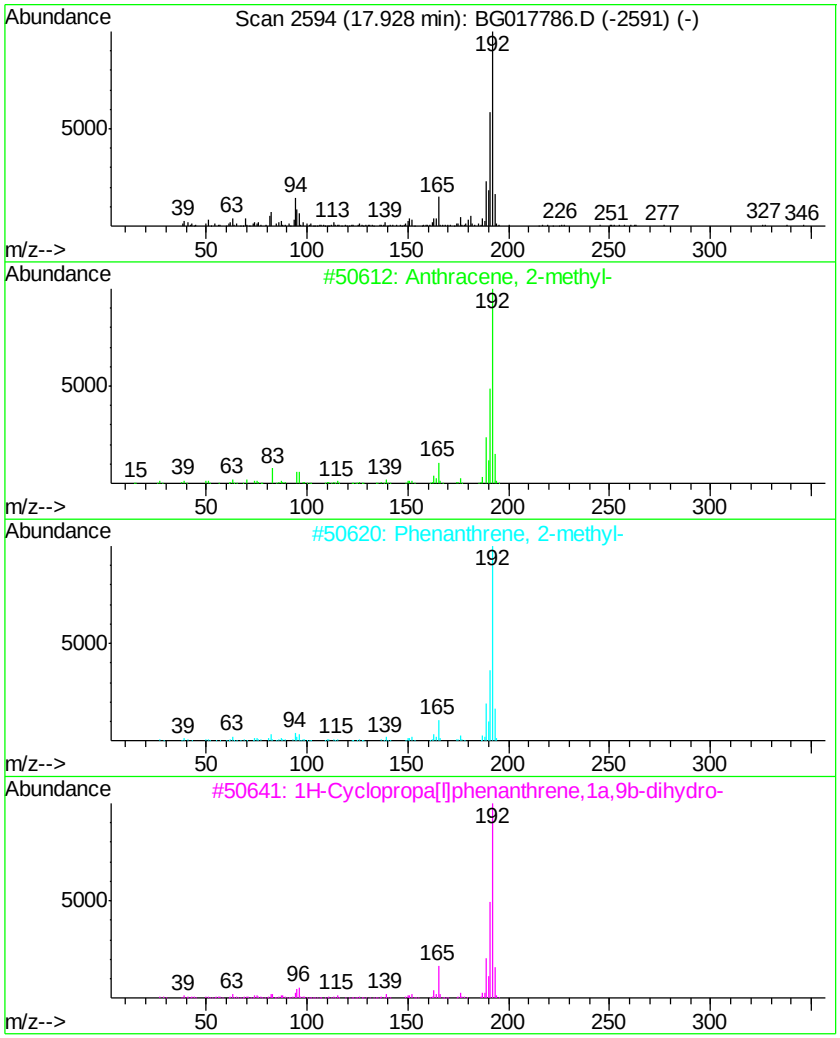
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

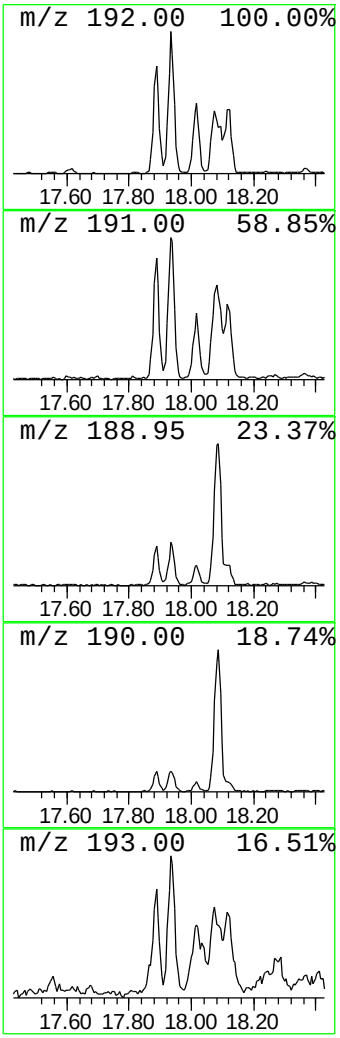
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.69 ng/ul	316883	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

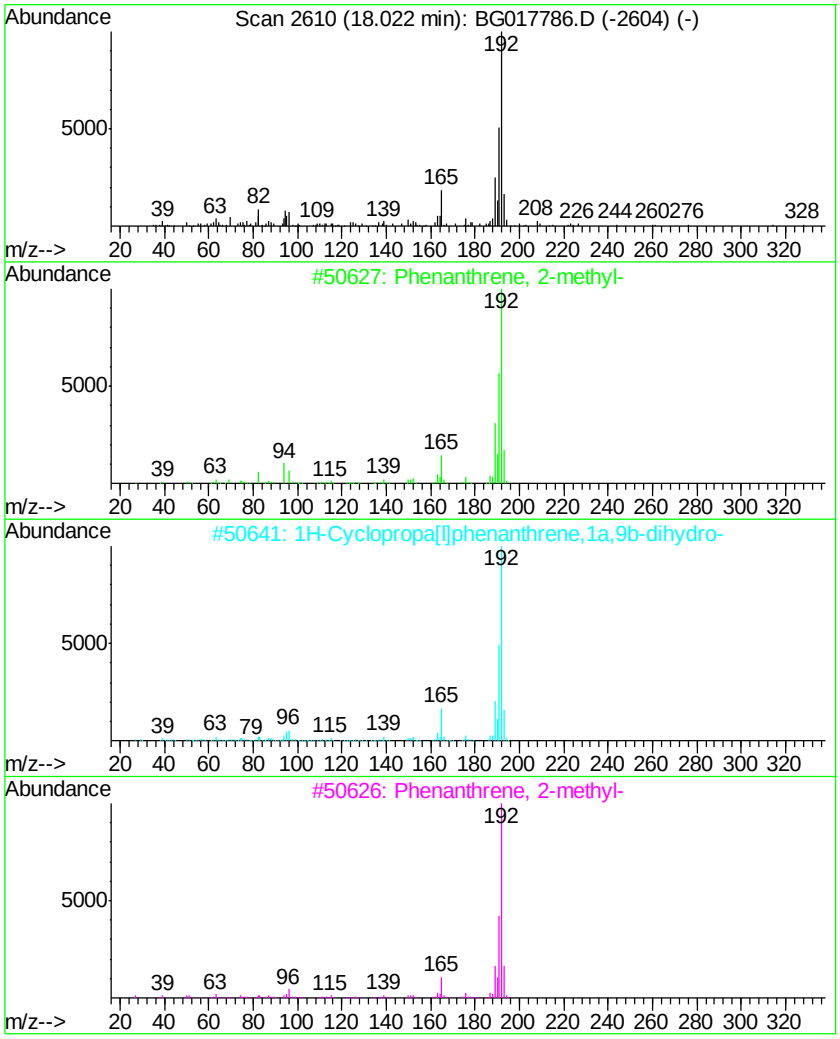
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

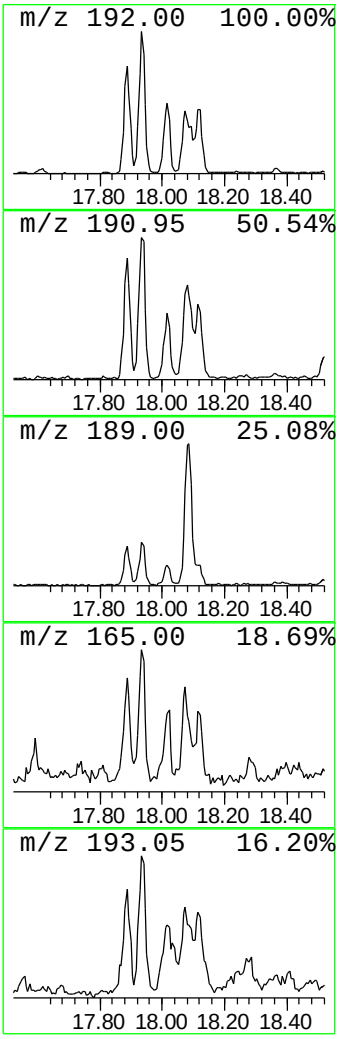
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.07 ng/ul	139972	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

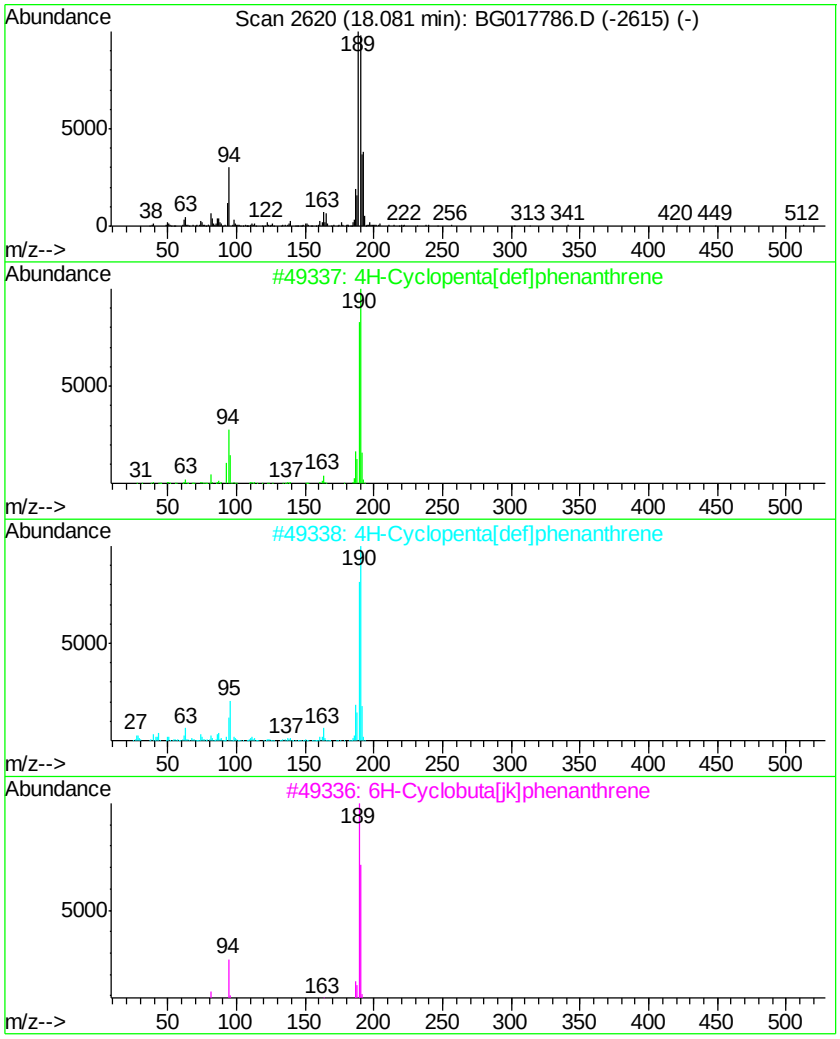
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

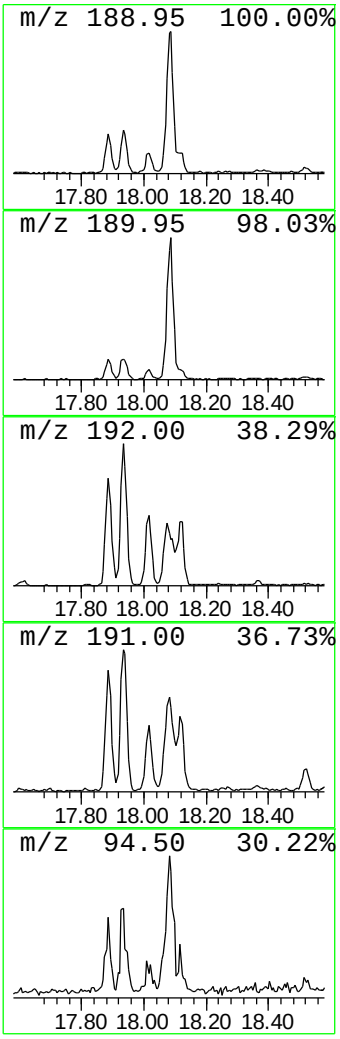
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	7.01 ng/ul	473934	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	23
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

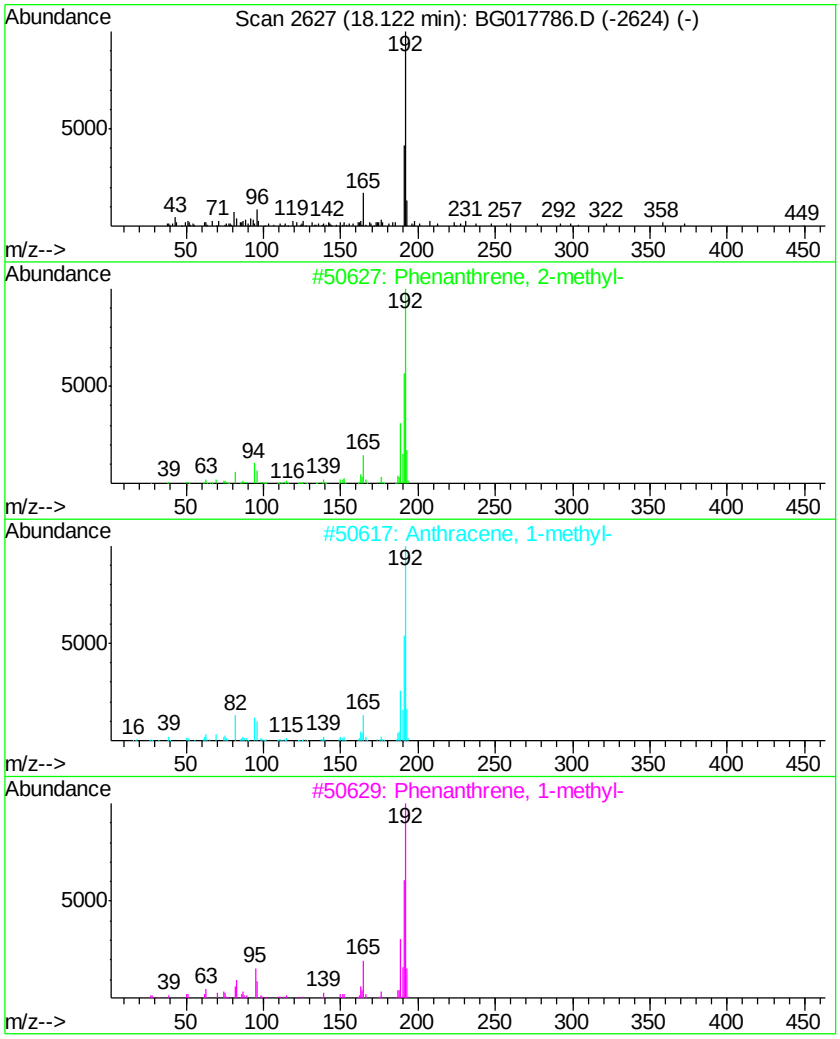
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

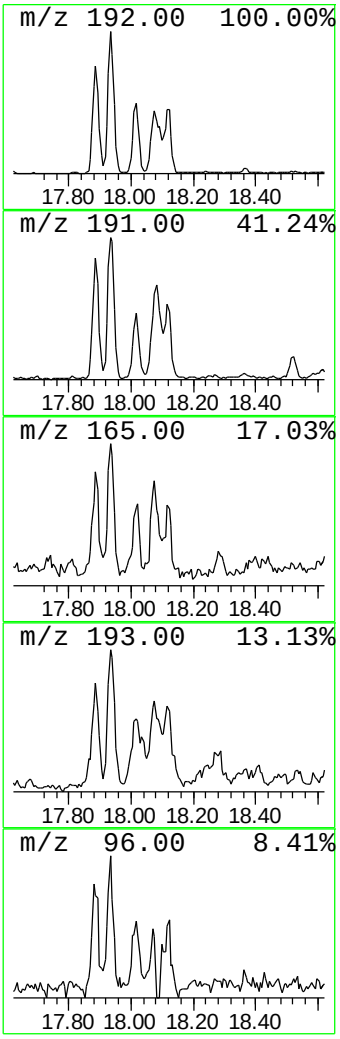
****

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.04 ng/ul	138185	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	68





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

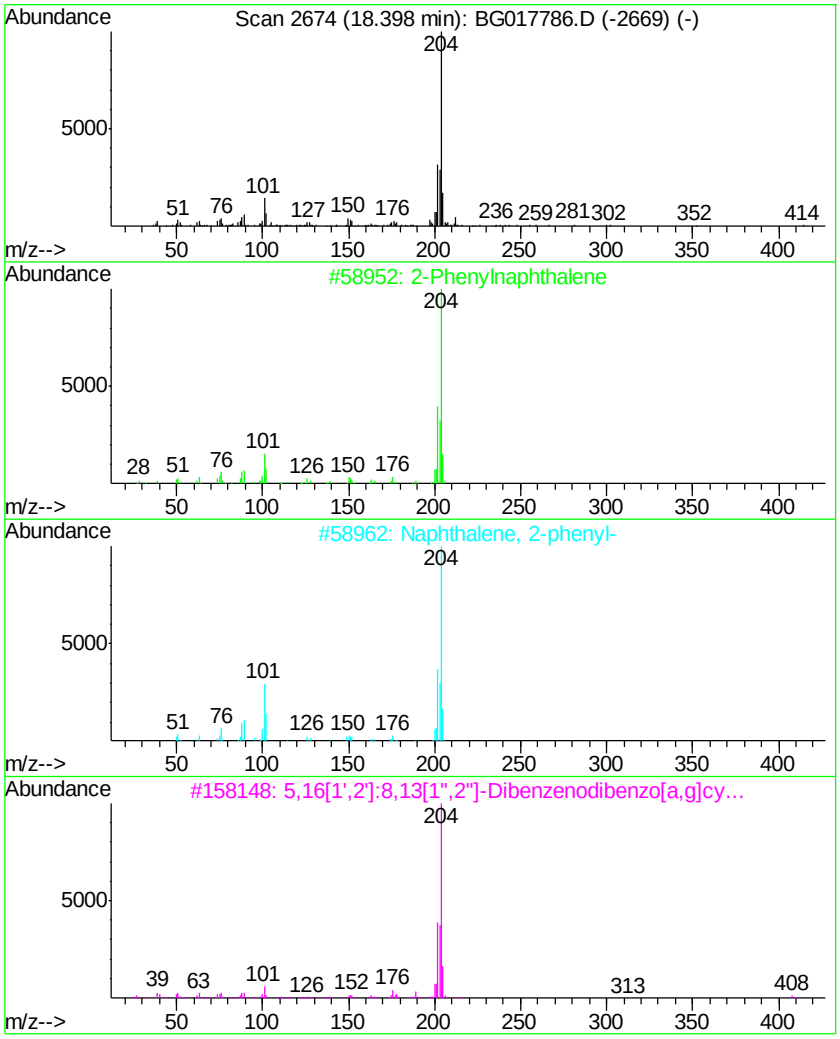
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

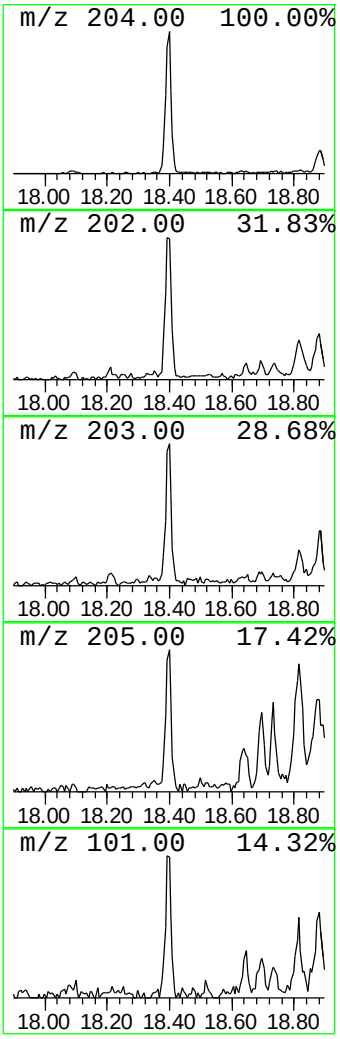
****

Peak Number 8 2-Phenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.62 ng/ul	177475	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

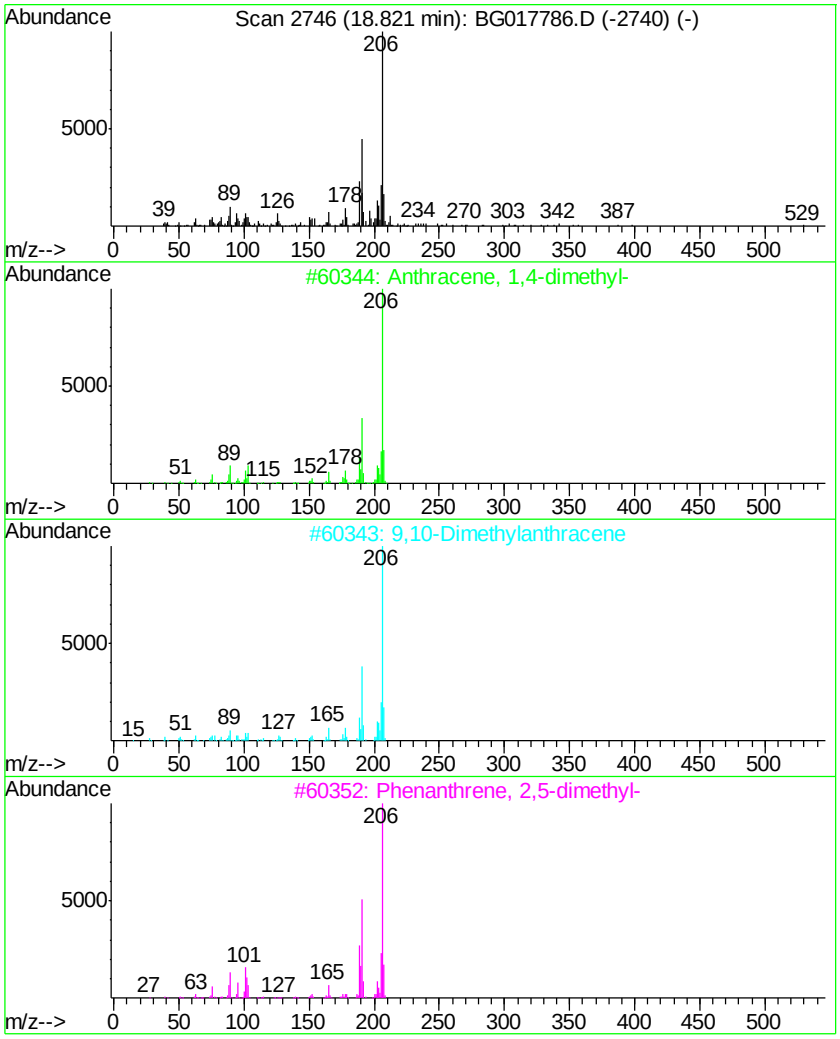
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

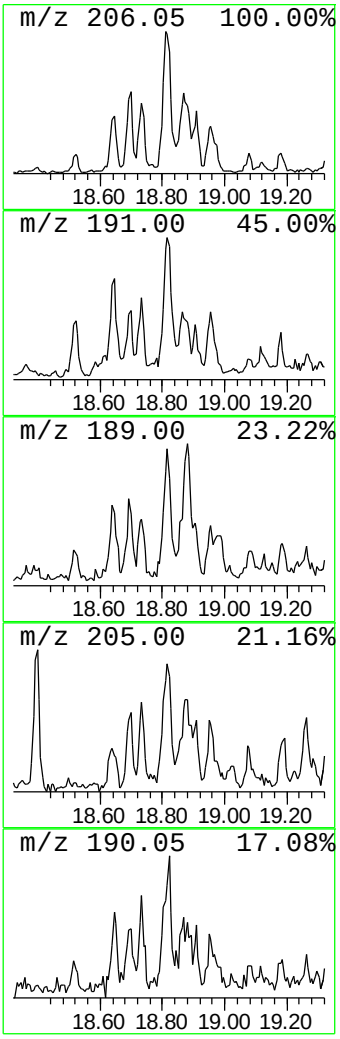
****

Peak Number 9 Anthracene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.32 ng/ul	224557	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

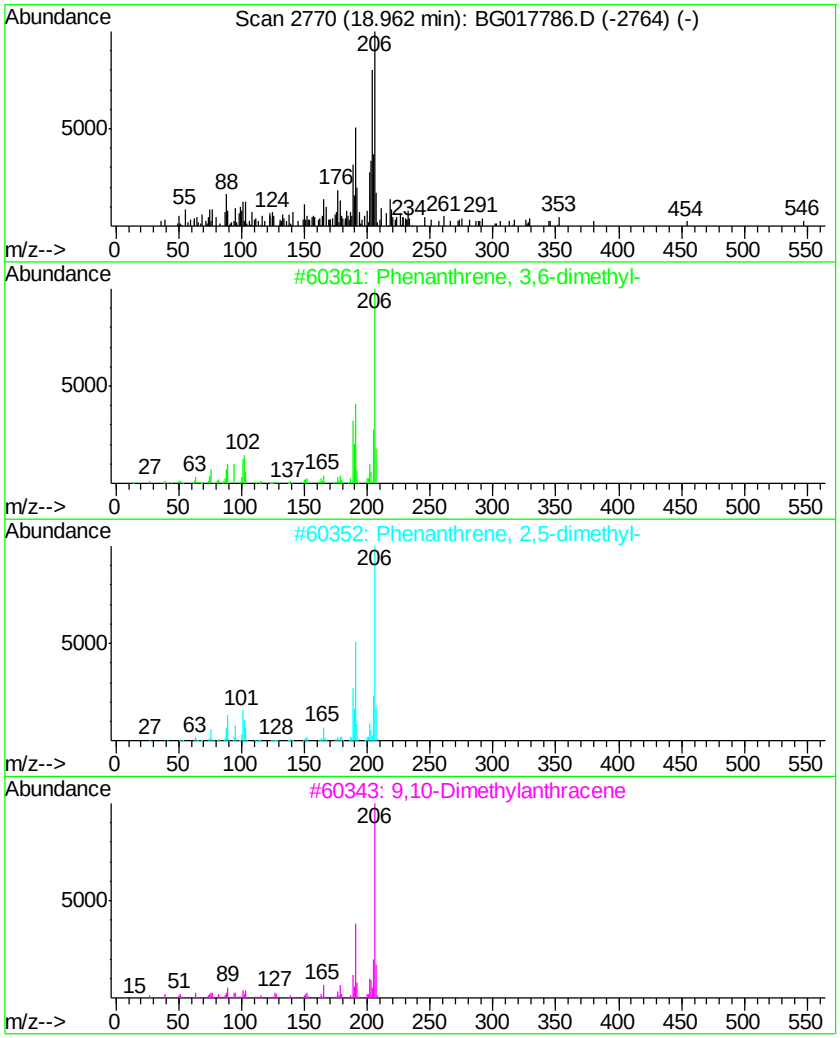
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

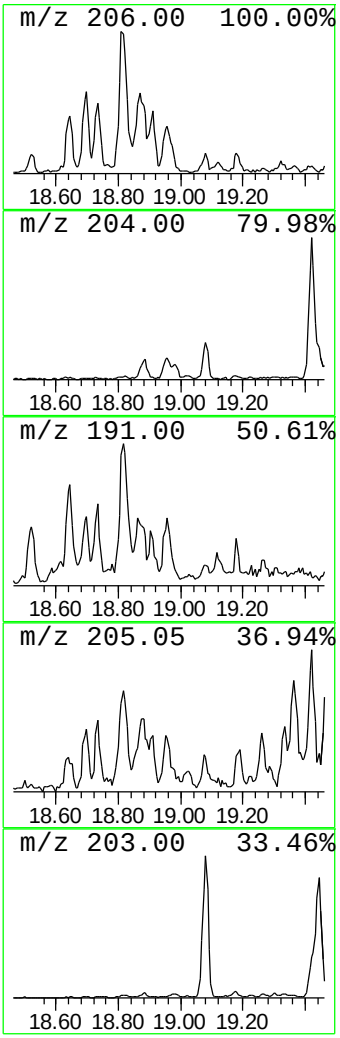
****

Peak Number 10 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.01 ng/ul	135697	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	47
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
4	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	38
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

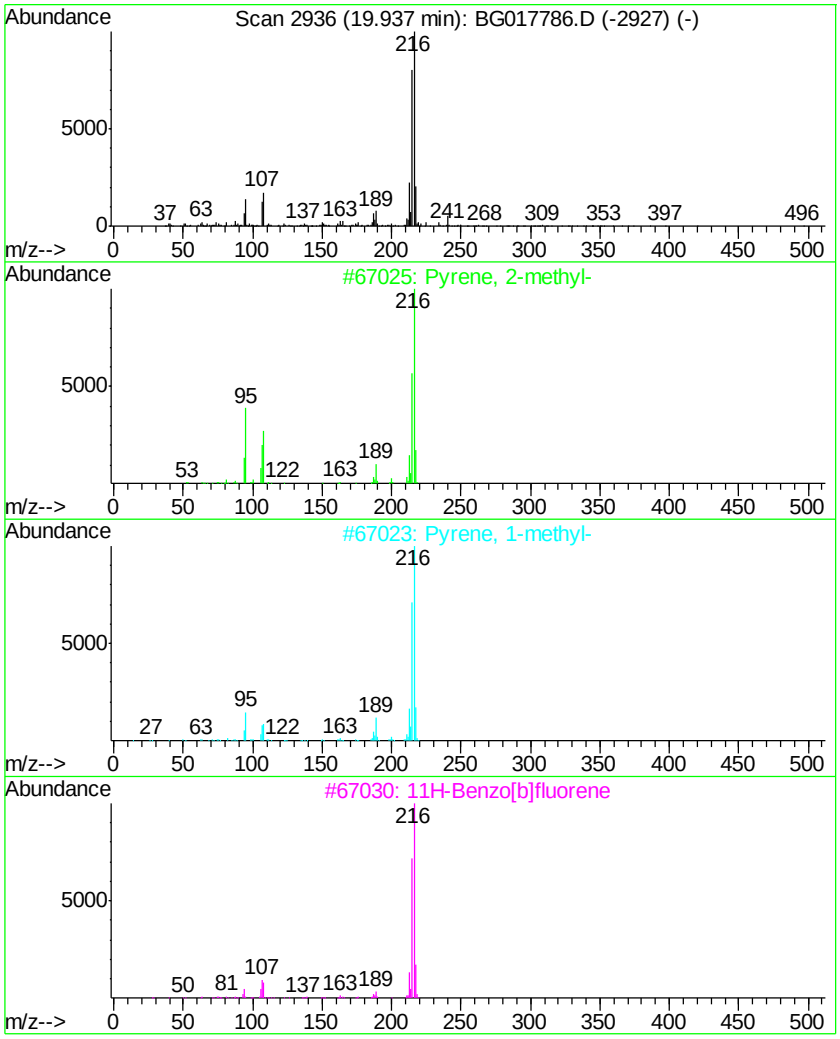
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

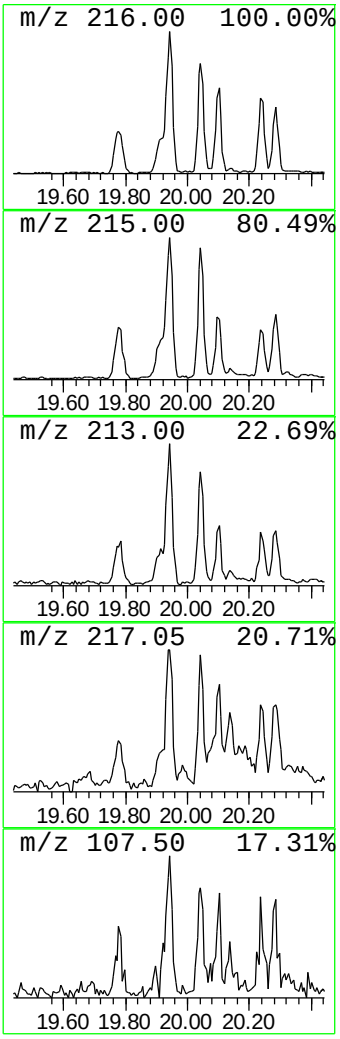
****

Peak Number 11 Pyrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	4.23 ng/ul	602793	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

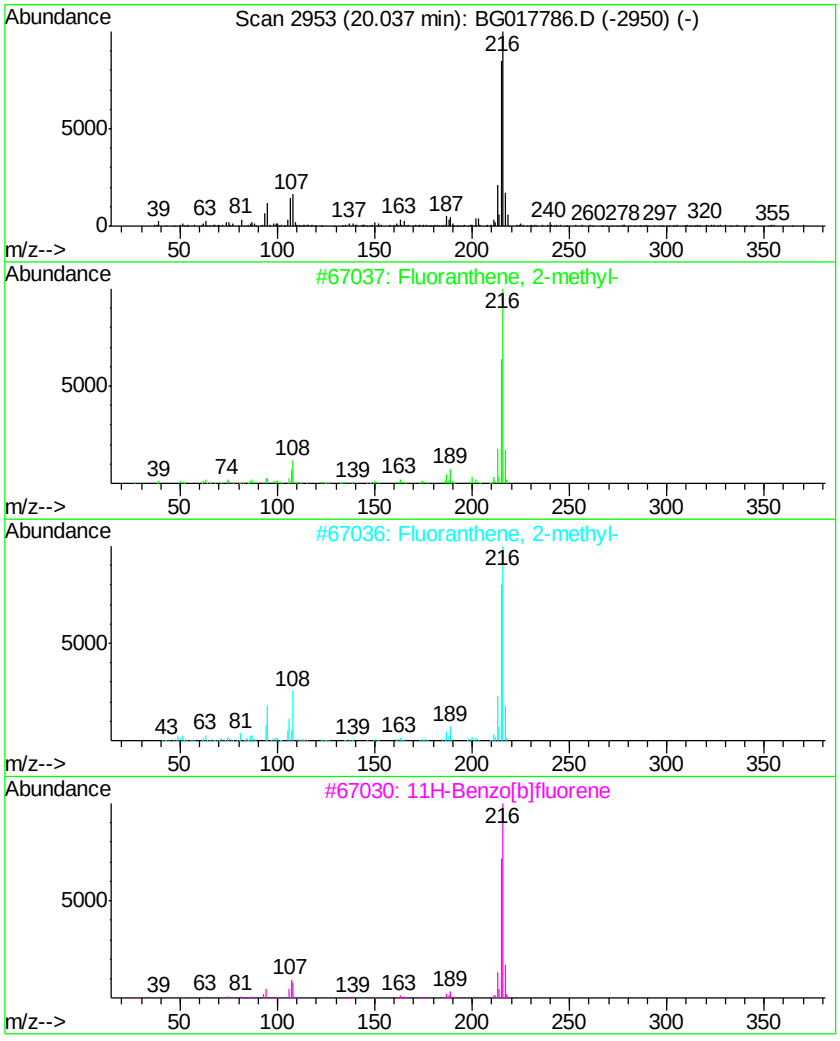
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

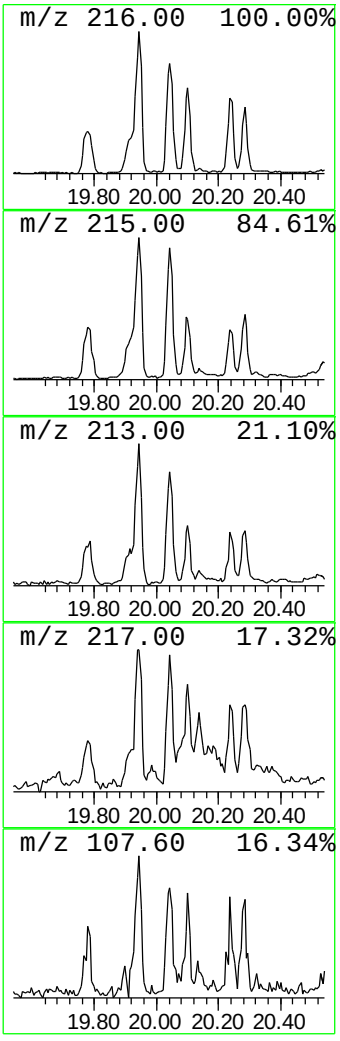
****

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.28 ng/ul	325182	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

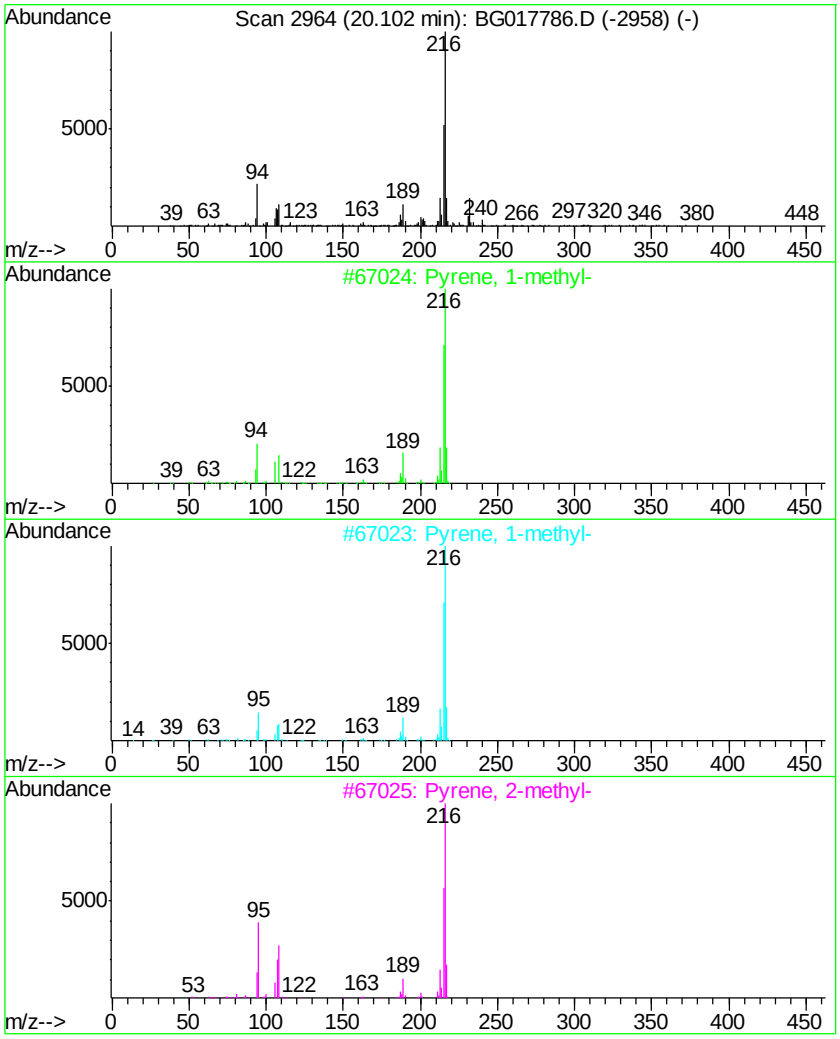
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

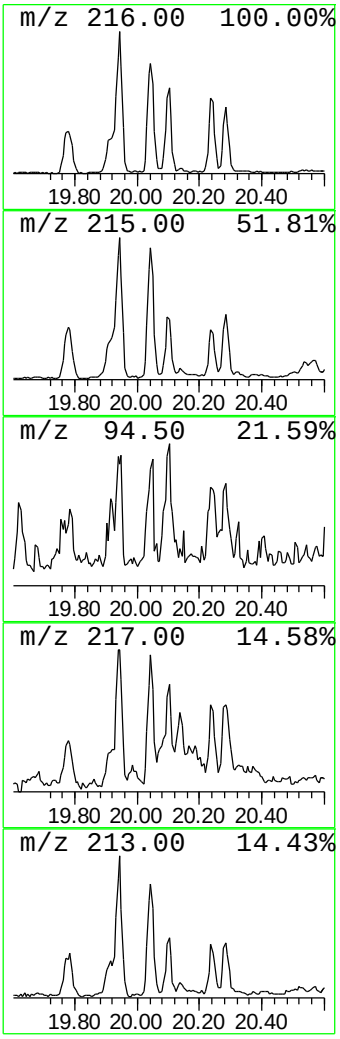
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.44 ng/ul	348110	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.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
Butane, 2-methoxy...	2.89	15.3	ng/ul	419418	1	7.60	547699	20.0
Dibenzothiophene	16.83	2.1	ng/ul	143408	4	17.01	1352610	20.0
Phenanthrene, 2-m...	17.89	3.1	ng/ul	210159	4	17.01	1352610	20.0
Anthracene, 2-met...	17.93	4.7	ng/ul	316883	4	17.01	1352610	20.0
1H-Cyclopropa[l]p...	18.02	2.1	ng/ul	139972	4	17.01	1352610	20.0
4H-Cyclopenta[def...	18.08	7.0	ng/ul	473934	4	17.01	1352610	20.0
Phenanthrene, 4-m...	18.12	2.0	ng/ul	138185	4	17.01	1352610	20.0
2-Phenylnaphthalene	18.40	2.6	ng/ul	177475	4	17.01	1352610	20.0
Anthracene, 1,4-d...	18.82	3.3	ng/ul	224557	4	17.01	1352610	20.0
unknown-01	18.96	2.0	ng/ul	135697	4	17.01	1352610	20.0
Pyrene, 2-methyl-	19.94	4.2	ng/ul	602793	5	21.21	2849180	20.0
Fluoranthene, 2-m...	20.04	2.3	ng/ul	325182	5	21.21	2849180	20.0
Pyrene, 1-methyl-	20.10	2.4	ng/ul	348110	5	21.21	2849180	20.0