LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 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	2.812	18	21	25	rVB2	24370	27718	1.37%	0.141%
2	2.882	30	33	43	rVB	224895	305149	15.10%	1.551%
3	4.751	347	351	355	rBV6	8026	12367	0.61%	0.063%
4	6.778	691	696	703	rVB3	17224	29613	1.47%	0.150%
5	6.954	719	726	730	rBV5	10360	20905	1.03%	0.106%
6	7.142	752	758	764	rBV5	16918	32811	1.62%	0.167%
7	7.606	831	837	845	rBV	334601	525046	25.99%	2.668%
8	8.311	948	957	963	rVV4	20513	37424	1.85%	0.190%
9	8.758	1027	1033	1038	rVV2	15884	27314	1.35%	0.139%
10	9.480	1151	1156	1161	rVB6	13003	22506	1.11%	0.114%
11	10.009	1238	1246	1251	rVB6	21287	38360	1.90%	0.195%
12	10.385	1303	1310	1316	rVV	498547	830187	41.09%	4.219%
13	10.438	1316	1319	1327	rVB	37167	53523	2.65%	0.272%
14	10.526	1327	1334	1337	rBV8	8279	15993	0.79%	0.081%
15	11.425	1482	1487	1495	rBV8	8082	18487	0.92%	0.094%
16	12.060	1589	1595	1600	rVB2	31511	52452	2.60%	0.267%
17	12.277	1627	1632	1637	rVV	38095	59347	2.94%	0.302%
18	12.594	1680	1686	1689	rBV6	6076	10495	0.52%	0.053%
19	12.806	1717	1722	1725	rVV5	12232	19231	0.95%	0.098%
20	13.094	1763	1771	1775	rVV6	14368	33335	1.65%	0.169%
21	13.188	1783	1787	1789	rVV4	7085	11662	0.58%	0.059%
22	13.235	1791	1795	1796	rVV3	8900	11758	0.58%	0.060%
23	13.252	1796	1798	1801	rVV4	9068	10579	0.52%	0.054%
24	13.288	1801	1804	1807	rVV5	6309	9455	0.47%	0.048%
25	13.423	1820	1827	1834	rBV4	31118	78585	3.89%	0.399%
26	13.576	1848	1853	1858	rVV4	53976	97517	4.83%	0.496%
27	13.628	1858	1862	1866	rVV3	26727	45801	2.27%	0.233%
28	13.675	1866	1870	1874	rVV	41780	64337	3.18%	0.327%
29	13.717	1874	1877	1881	rVV3	23172	37906	1.88%	0.193%
30	13.758	1881	1884	1889	rVV5	14397	22274	1.10%	0.113%
31	13.811	1889	1893	1897	rVV3	25884	38032	1.88%	0.193%
32	13.946	1907	1916	1919	rBV	43892	80556	3.99%	0.409%
33	13.981	1919	1922	1928	rVB	40201	61533	3.05%	0.313%
34	14.175	1951	1955	1958	rBV6	12532	16679	0.83%	0.085%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 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	14.257	1960	1969	1977	rBV2	708707	1126871	55.77%	5.727%
36	14.322	1977	1980	1983	rBV4	17844	20020	0.99%	0.102%
37	14.475	2000	2006	2014	rVB4	22478	62520	3.09%	0.318%
38	14.563	2016	2021	2023	rBV6	9852	17613	0.87%	0.090%
39	14.663	2033	2038	2044	rVB	37816	67486	3.34%	0.343%
40	14.739	2044	2051	2056	rVB2	37133	57729	2.86%	0.293%
41	14.798	2057	2061	2068	rBV9	15379	29445	1.46%	0.150%
42	14.880	2068	2075	2080	rBV3	31258	67941	3.36%	0.345%
43	14.939	2081	2085	2088	rVB2	24387	35202	1.74%	0.179%
44	15.056	2097	2105	2107	rBV8	22021	43408	2.15%	0.221%
45	15.133	2115	2118	2121	rVB5	20076	21169	1.05%	0.108%
46	15.250	2135	2138	2143	rVB3	59998	93550	4.63%	0.475%
47	15.309	2143	2148	2153	rBV	78594	116228	5.75%	0.591%
48	15.356	2153	2156	2157	rBV3	9703	10545	0.52%	0.054%
49	15.438	2166	2170	2174	rBV3	31321	39347	1.95%	0.200%
50	15.473	2174	2176	2180	rVB4	14013	15991	0.79%	0.081%
51	15.532	2183	2186	2192	rVB4	26191	43362	2.15%	0.220%
52	15.608	2195	2199	2207	rVB7	30307	62692	3.10%	0.319%
53	15.685	2210	2212	2215	rBV4	12502	14950	0.74%	0.076%
54	15.755	2217	2224	2225	rBV6	20769	32340	1.60%	0.164%
55	15.990	2260	2264	2267	rBV4	37719	59848	2.96%	0.304%
56	16.020	2267	2269	2274	rVB2	33035	40777	2.02%	0.207%
57	16.126	2282	2287	2291	rBV6	23805	38861	1.92%	0.197%
58	16.319	2313	2320	2323	rBV4	34327	69455	3.44%	0.353%
59	16.366	2325	2328	2333	rVB5	33927	50110	2.48%	0.255%
60	16.466	2342	2345	2351	rVB6	24587	40994	2.03%	0.208%
61	16.525	2352	2355	2356	rBV3	12264	13932	0.69%	0.071%
62	16.672	2376	2380	2385	rVB6	27078	41532	2.06%	0.211%
63	16.789	2398	2400	2403	rBV3	14134	16289	0.81%	0.083%
64	16.831	2403	2407	2416	rVB2	109680	189508	9.38%	0.963%
65	17.013	2432	2438	2441	rBV	819871	1203904	59.59%	6.118%
66	17.054	2441	2445	2450	rVV	624540	825860	40.88%	4.197%
67	17.107	2450	2454	2457	rVV	66852	98359	4.87%	0.500%
68	17.142	2457	2460	2465	rVB	96019	122164	6.05%	0.621%
69	17.212	2467	2472	2476	rBV8	26851	55792	2.76%	0.284%
70	17.418	2504	2507	2509	rBV4	20984	26005	1.29%	0.132%
71	17.536	2523	2527	2531	rBV2	63267	83530	4.13%	0.424%

LSC Area Percent Report

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Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 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	17.589	2533	2536	2542	rVB	61913	84914	4.20%	0.432%
73	17.735	2556	2561	2567	rVB2	52484	99980	4.95%	0.508%
74	17.888	2582	2587	2591	rBV	170110	263065	13.02%	1.337%
75	17.935	2591	2595	2600	rVB	212471	289697	14.34%	1.472%
76	18.012	2605	2608	2612	rVV2	47947	71340	3.53%	0.363%
77	18.082	2614	2620	2623	rVV4	230779	428816	21.22%	2.179%
78	18.117	2623	2626	2633	rVB	112908	168423	8.34%	0.856%
79	18.223	2642	2644	2648	rVB5	22037	21413	1.06%	0.109%
80	18.393	2669	2673	2677	rBV	139890	193305	9.57%	0.982%
81	18.693	2721	2724	2727	rBV2	64132	86899	4.30%	0.442%
82	18.734	2728	2731	2735	rVB	71799	92235	4.57%	0.469%
83	18.816	2740	2745	2749	rBV2	155883	251284	12.44%	1.277%
84	18.869	2751	2754	2759	rVB4	72502	118769	5.88%	0.604%
85	18.952	2765	2768	2772	rBV5	57488	94166	4.66%	0.479%
86	19.081	2785	2790	2796	rVB	665480	898420	44.47%	4.566%
87	19.439	2843	2851	2861	rBV	1134412	1852328	91.68%	9.413%
88	19.527	2861	2866	2871	rVV2	132911	220219	10.90%	1.119%
89	20.039	2951	2953	2958	rVB2	110710	134695	6.67%	0.685%
90	20.097	2959	2963	2967	rBV	248131	348907	17.27%	1.773%
91	20.238	2983	2987	2991	rBV	194521	250443	12.40%	1.273%
92	20.285	2991	2995	2999	rVV	215740	307939	15.24%	1.565%
93	20.326	2999	3002	3006	rVB3	83800	109106	5.40%	0.554%
94	20.832	3085	3088	3090	rBV2	125485	148922	7.37%	0.757%
95	21.208	3146	3152	3156	rBV2	1177262	2020392	100.00%	10.268%
96	21.243	3156	3158	3166	rVB	379283	473858	23.45%	2.408%
97	22.771	3414	3418	3430	rVB2	257454	738607	36.56%	3.754%
98	23.241	3494	3498	3503	rVB	197065	321328	15.90%	1.633%
99	23.335	3510	3514	3522	rVB	368919	670688	33.20%	3.408%
100	23.435	3526	3531	3536	rVB2	701496	1203025	59.54%	6.114%

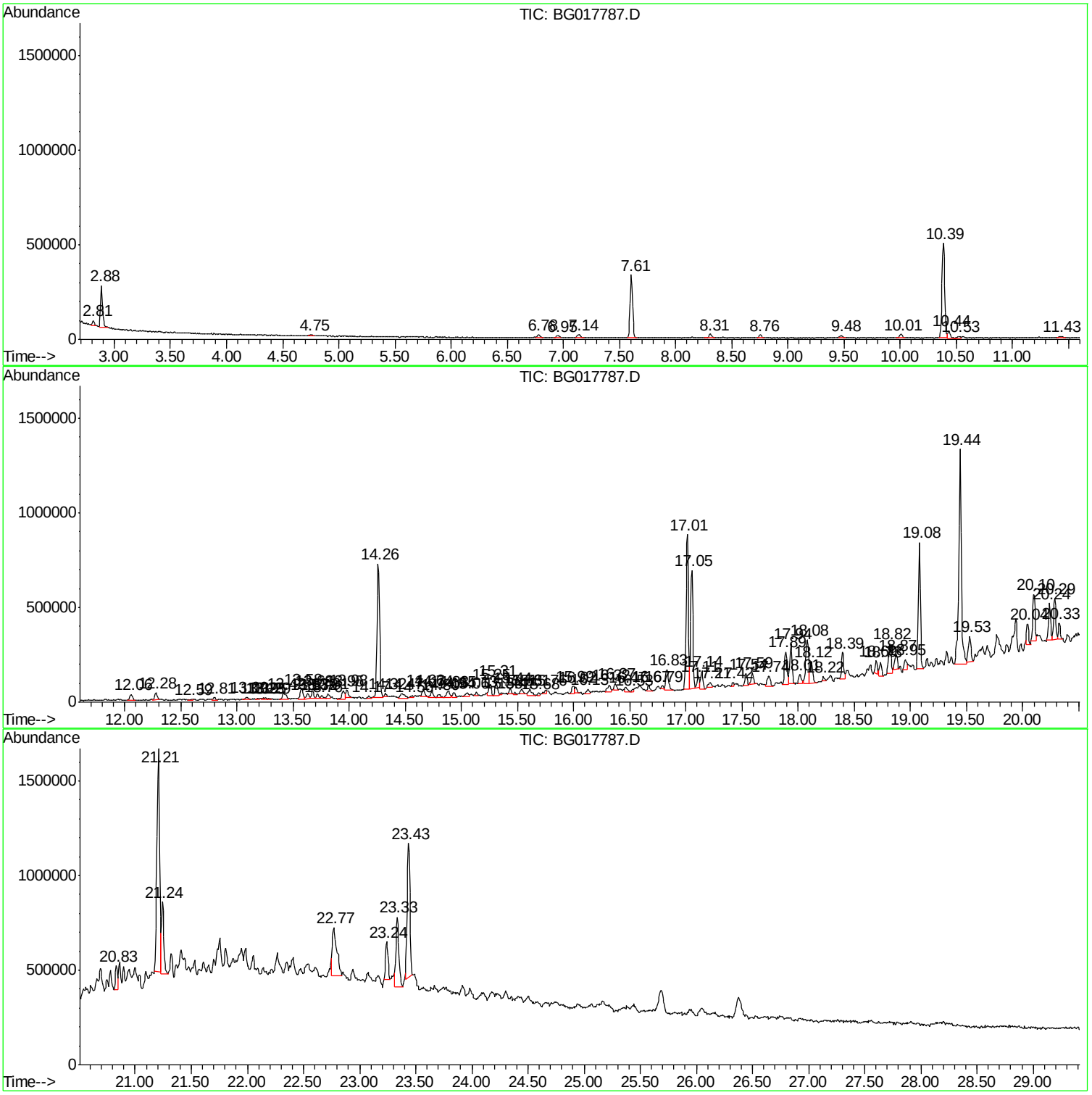
Sum of corrected areas: 19677449

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 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 : BG017787.D
Acq On : 7 Jul 2015 2:01
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Sample : G2860-20 10X
Misc :
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

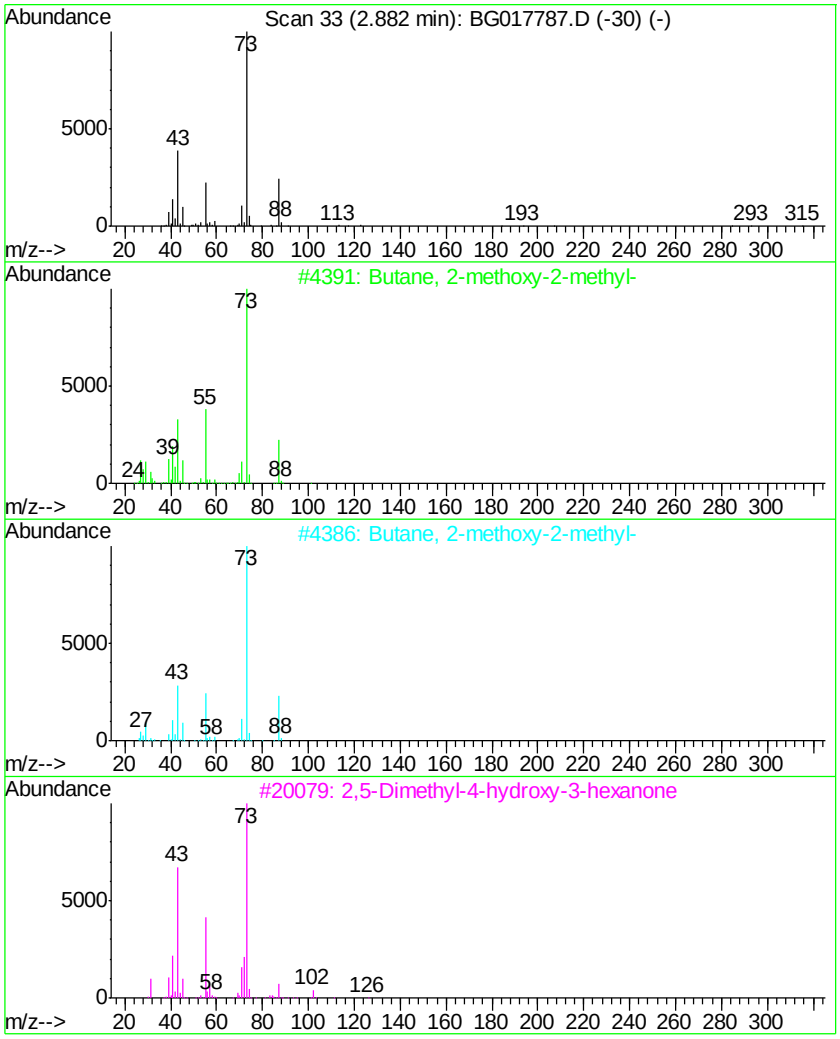
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

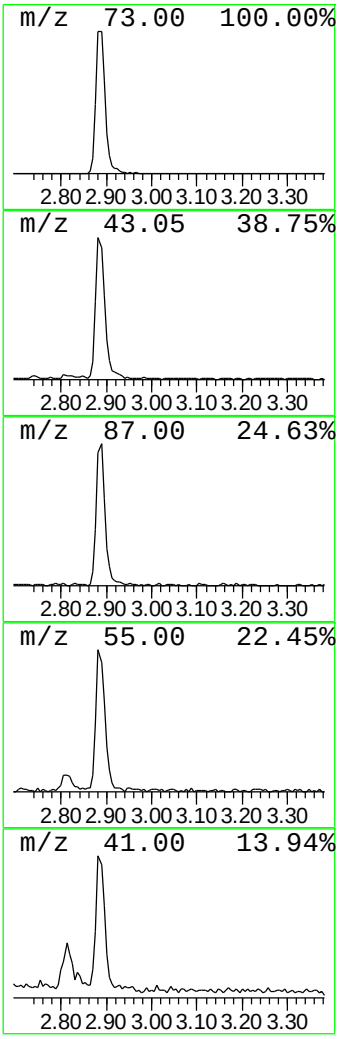
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	11.62 ng/ul	305149	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	38
4	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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

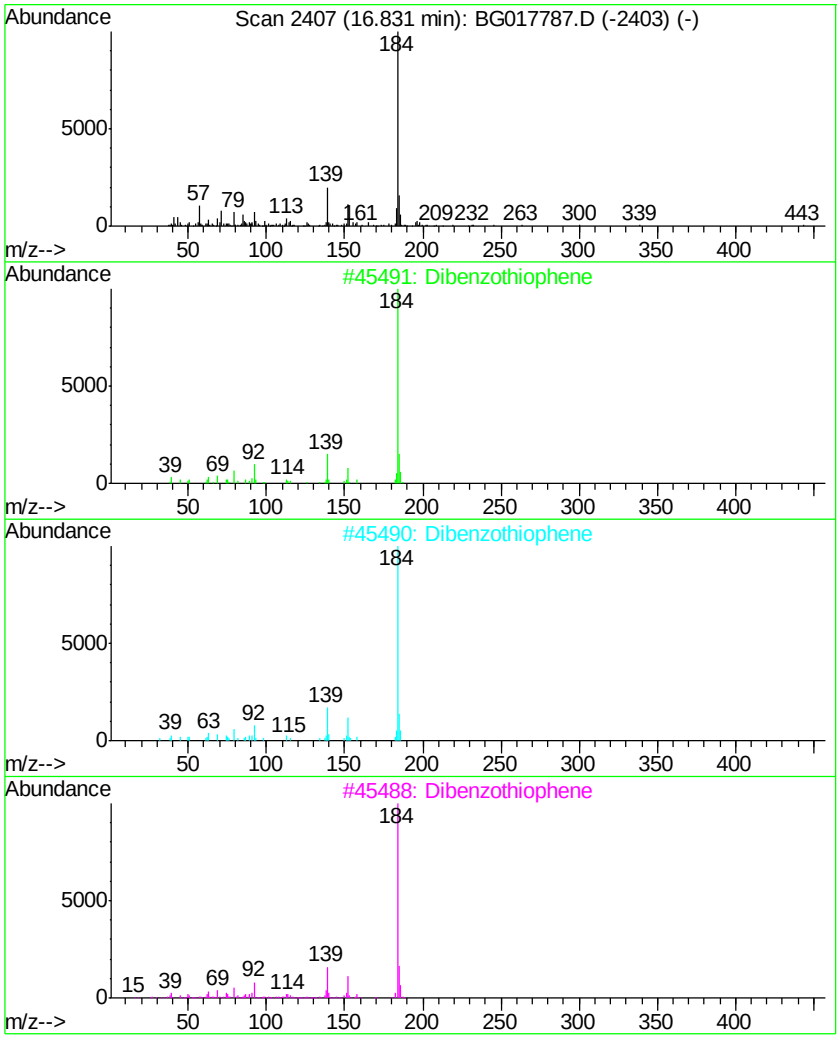
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

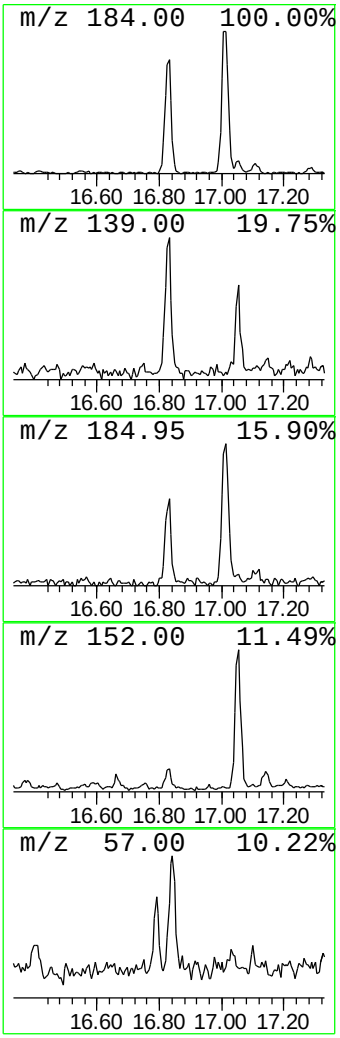
****

Peak Number 2 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	3.15 ng/ul	189508	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	86
3	Dibenzothiophene	184	C12H8S	000132-65-0	83
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	78





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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

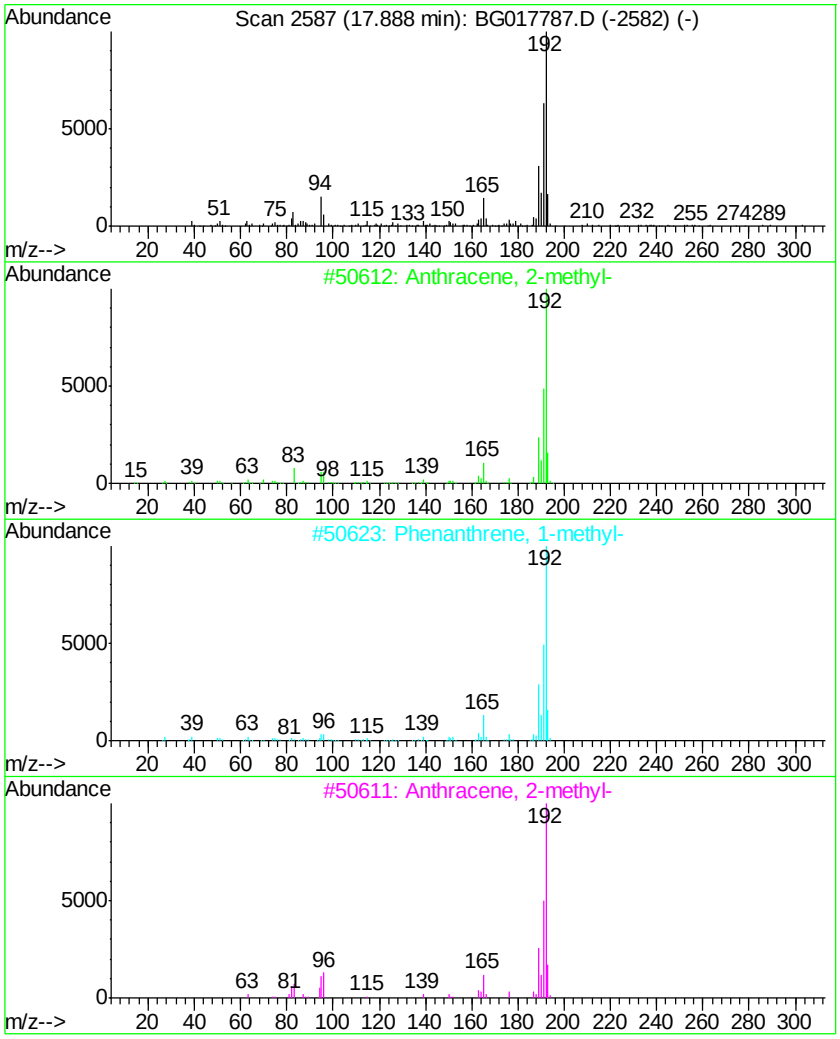
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

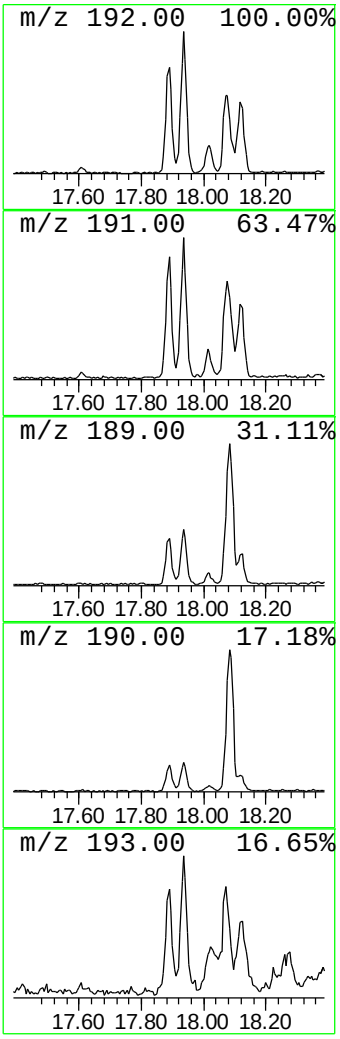
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.37 ng/ul	263065	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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

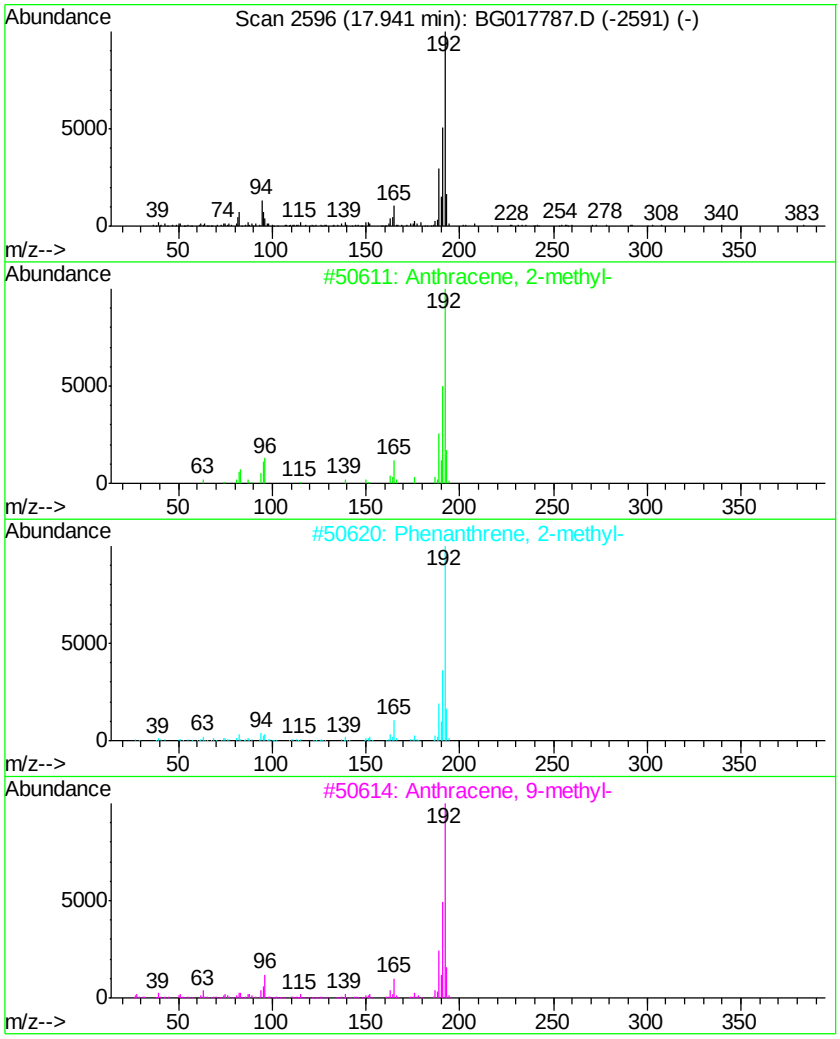
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

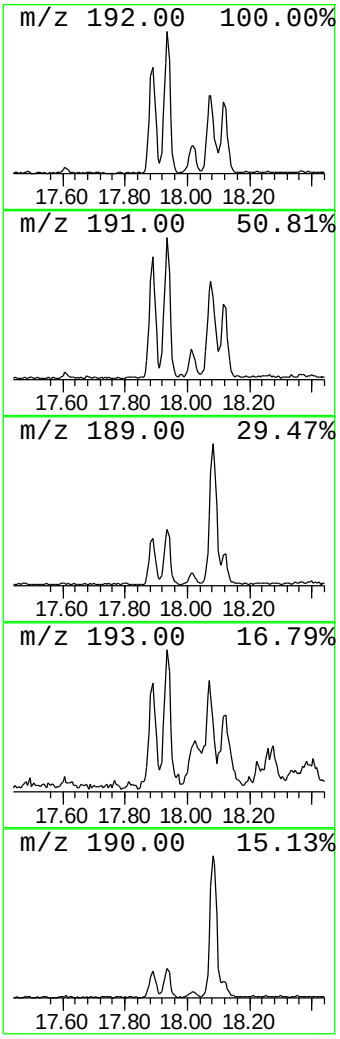
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	4.81 ng/ul	289697	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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

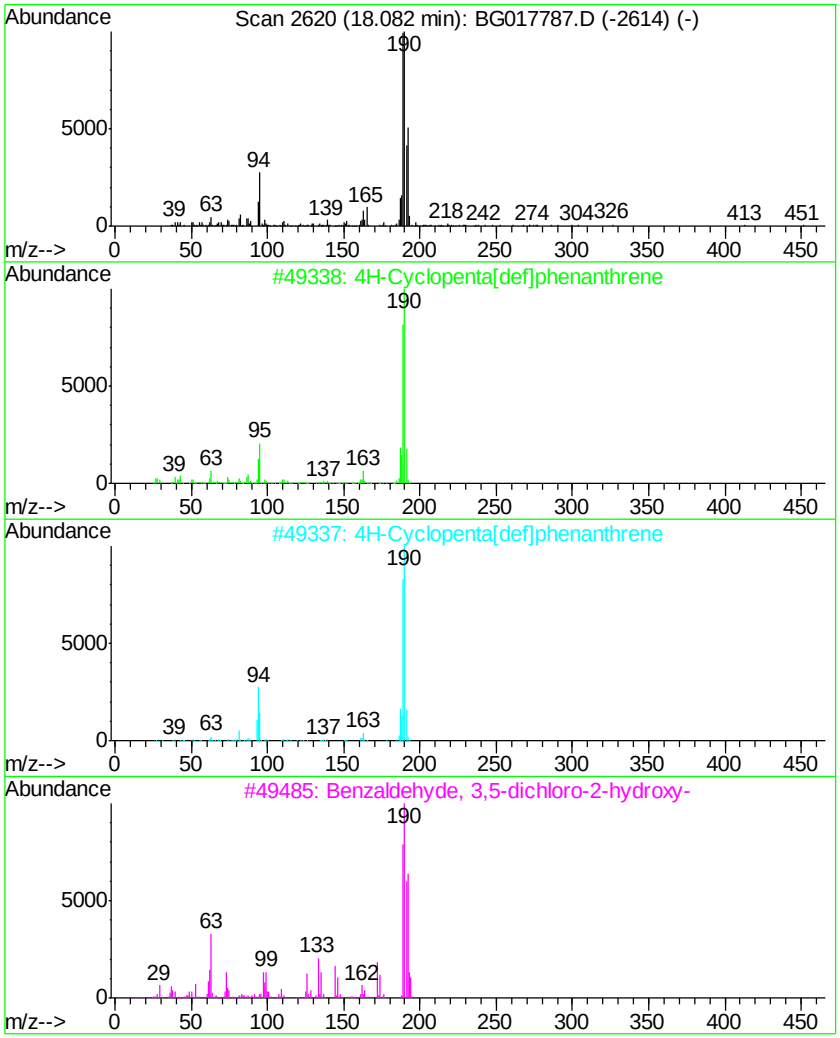
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

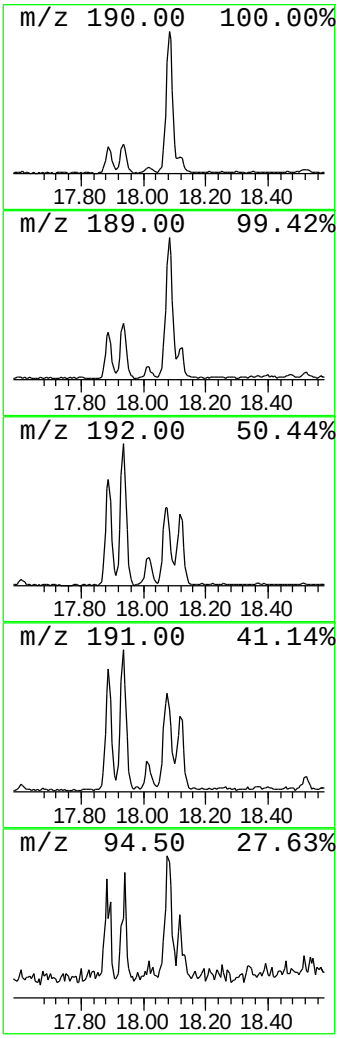
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	7.12 ng/ul	428816	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 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

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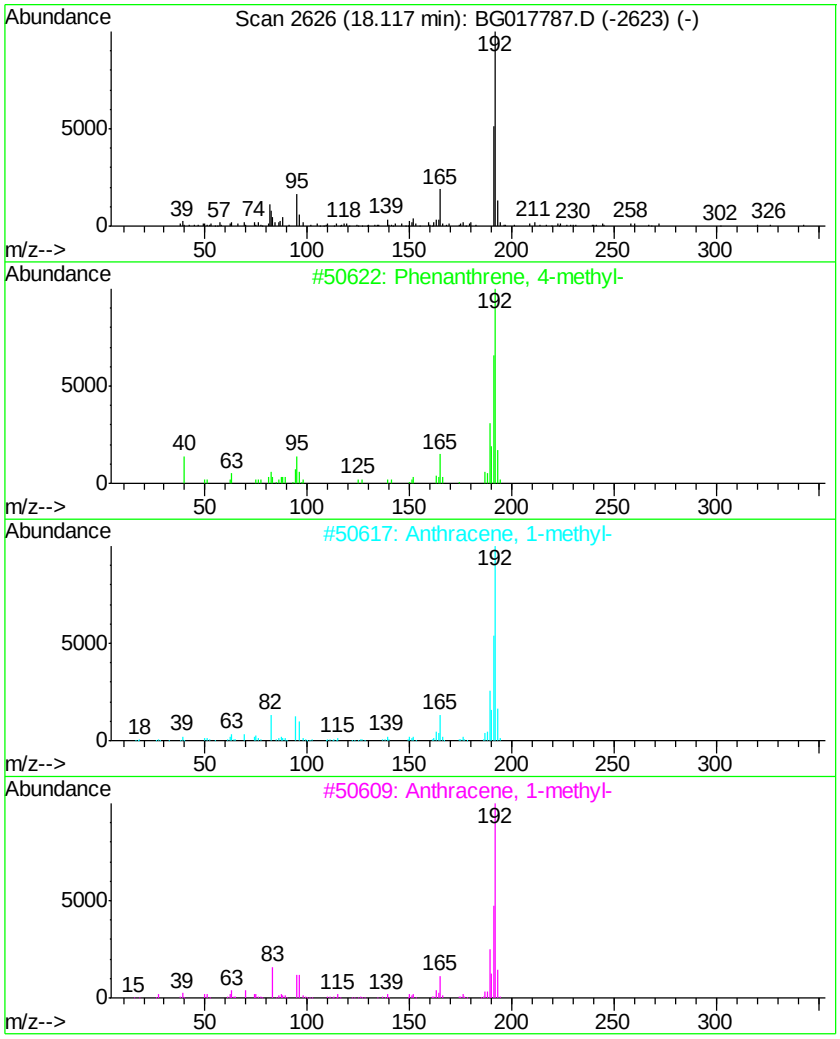
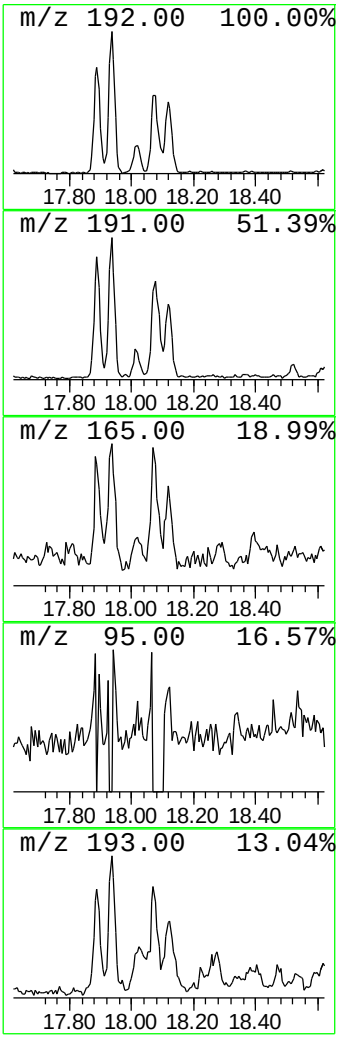
Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.80 ng/ul	168423	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 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

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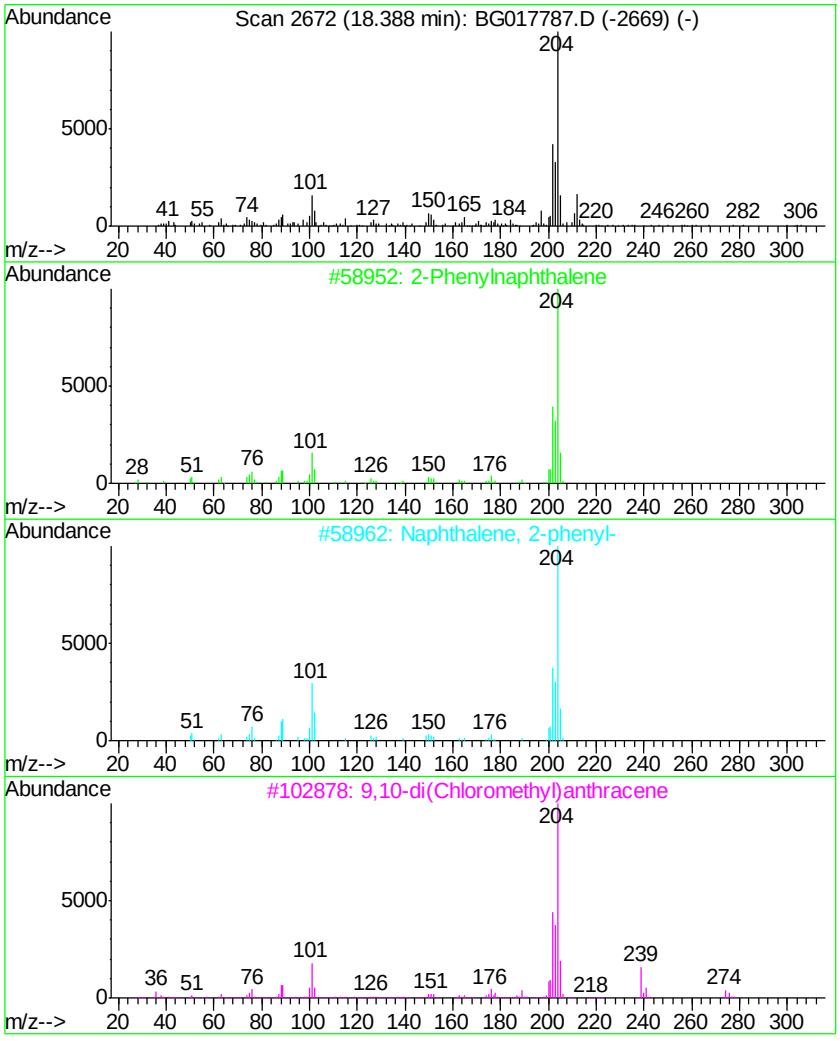
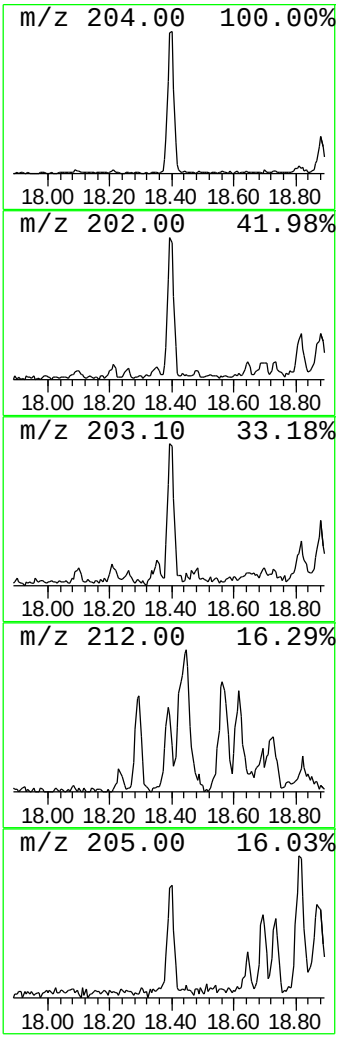
Peak Number 7 2-Phenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.21 ng/ul	193305	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	83
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80





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Acq On : 7 Jul 2015 2:01
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Sample : G2860-20 10X
Misc :
ALS Vial : 18 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

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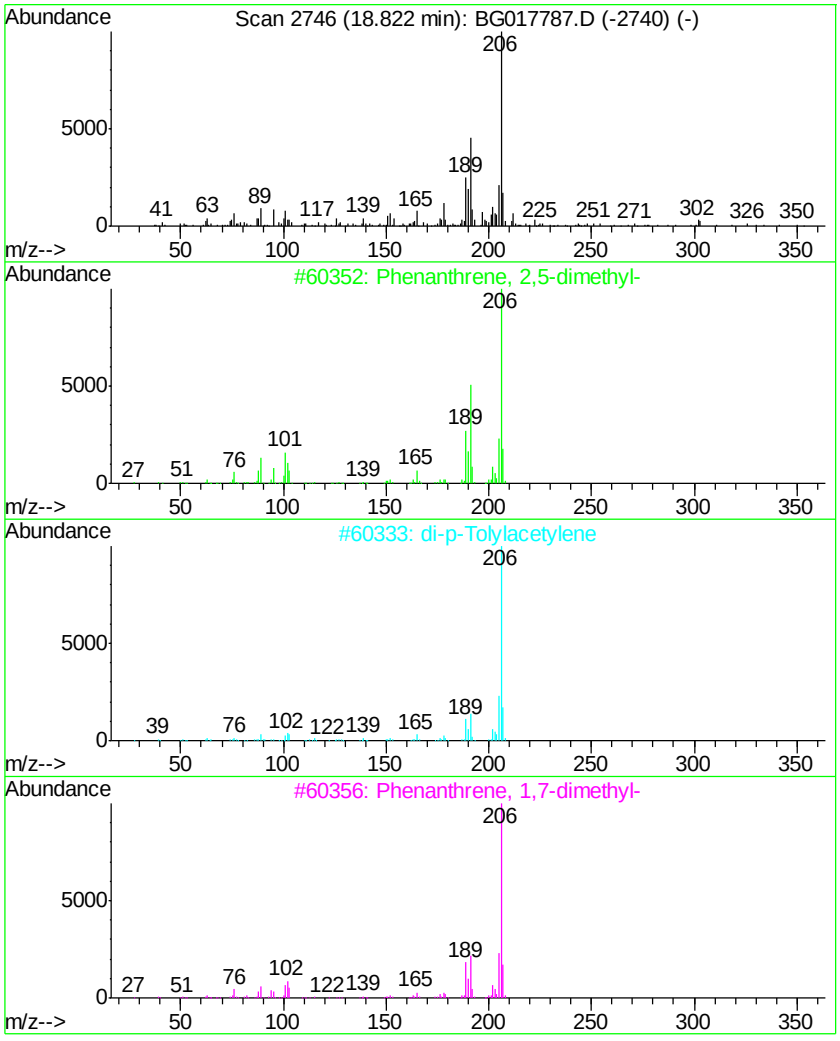
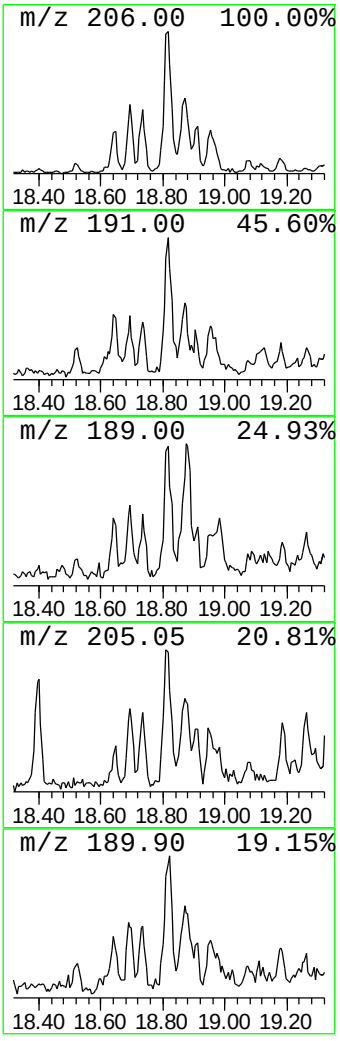
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	4.17 ng/ul	251284	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 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

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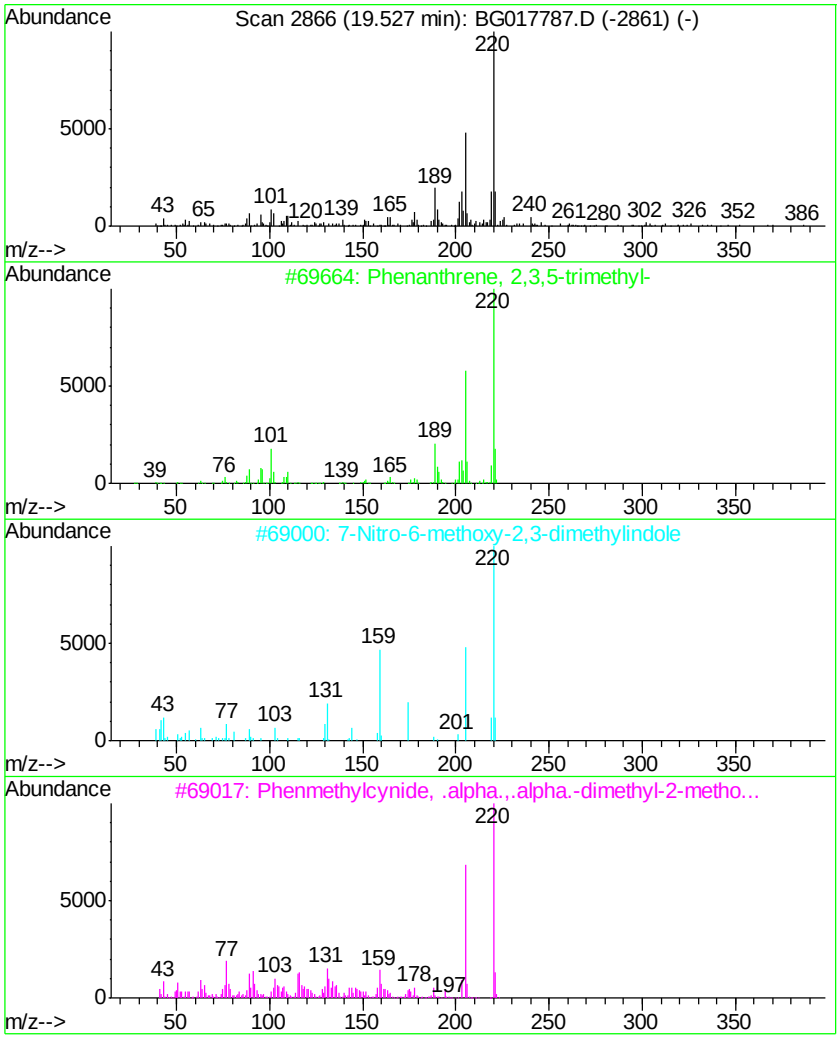
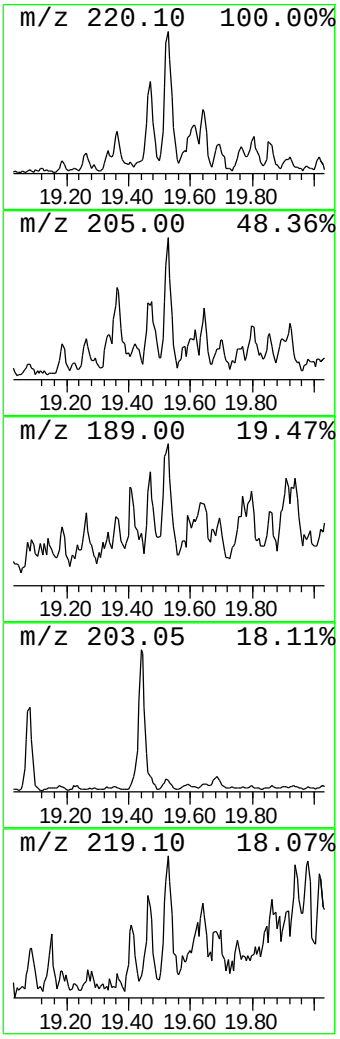
Peak Number 9 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	2.18 ng/ul	220219	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	58
3	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	53
4	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	53
5	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 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
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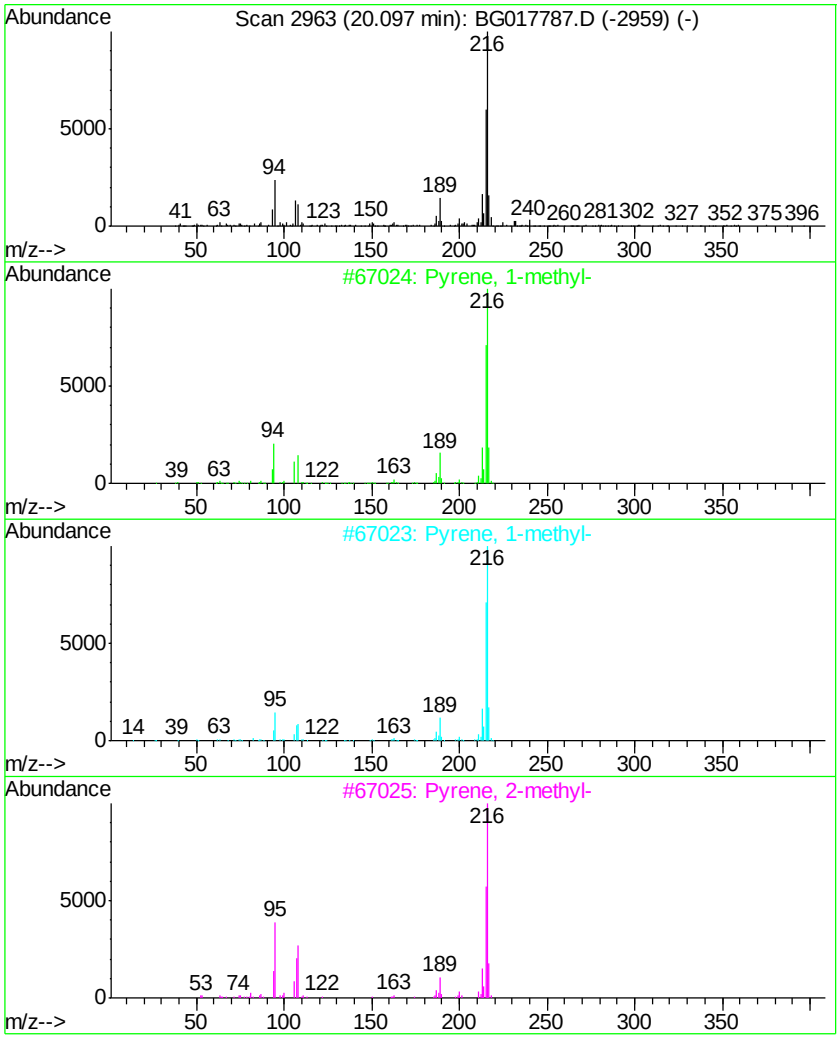
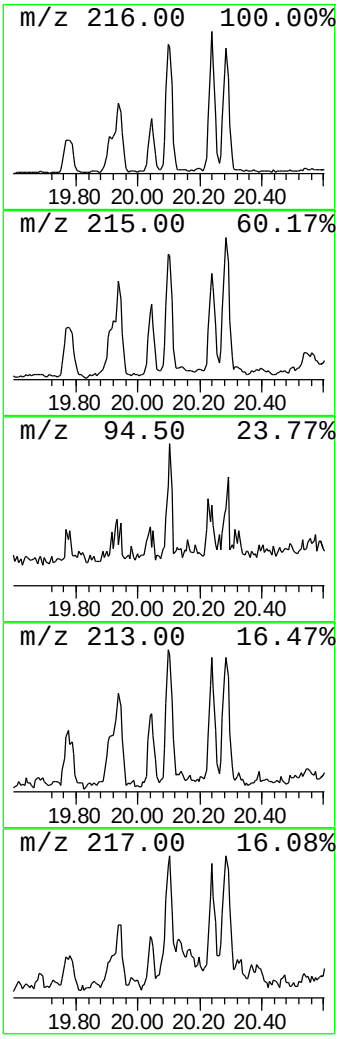
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	3.45 ng/ul	348907	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





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Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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

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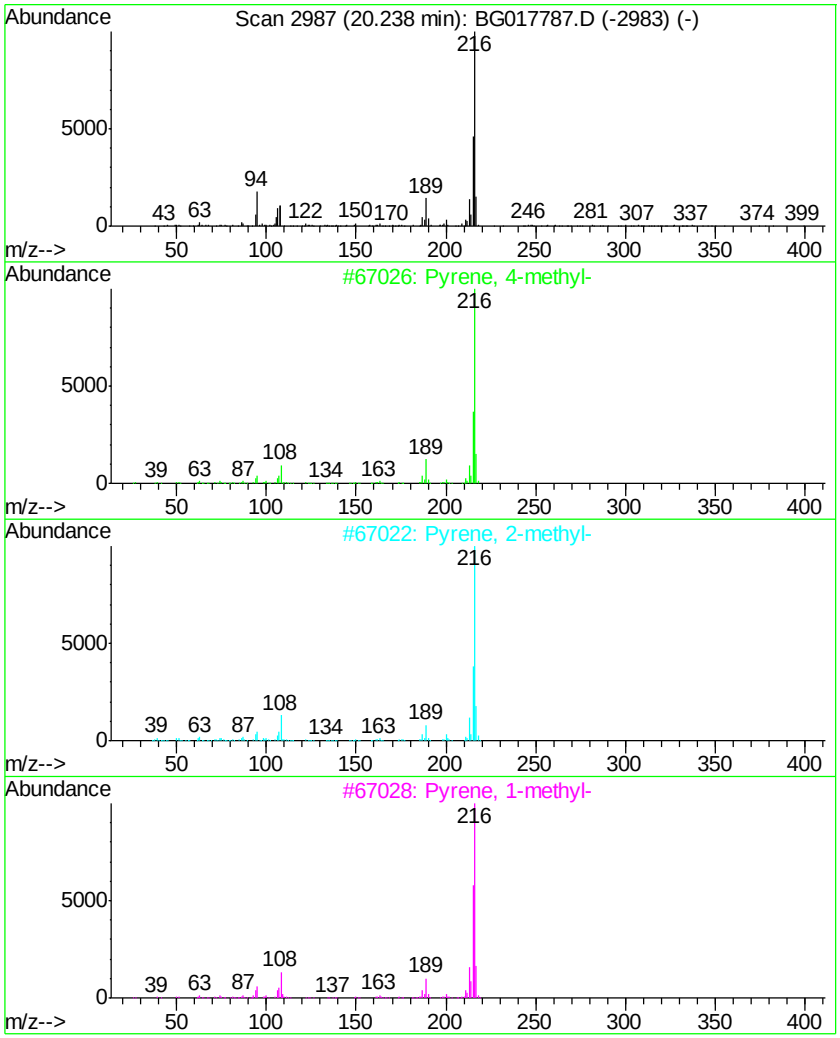
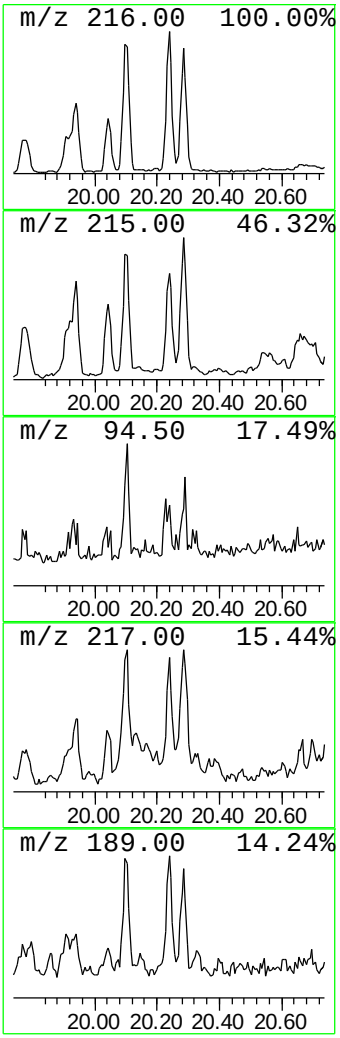
Peak Number 11 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.48 ng/ul	250443	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 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

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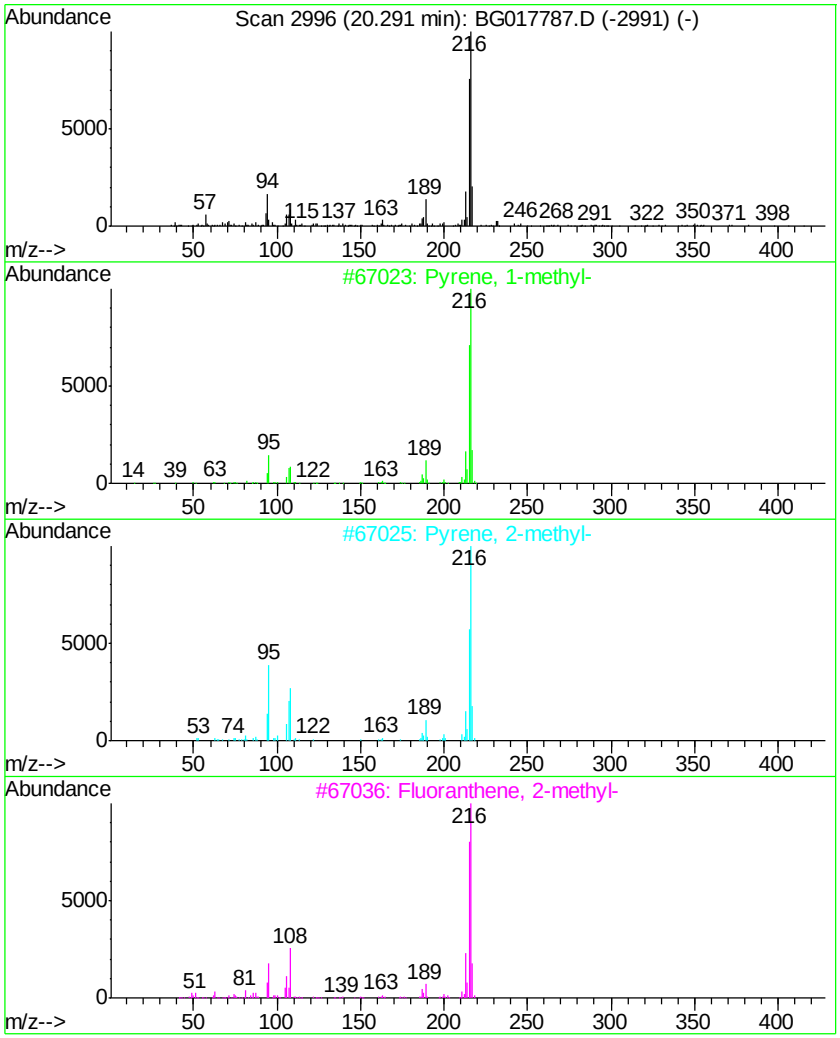
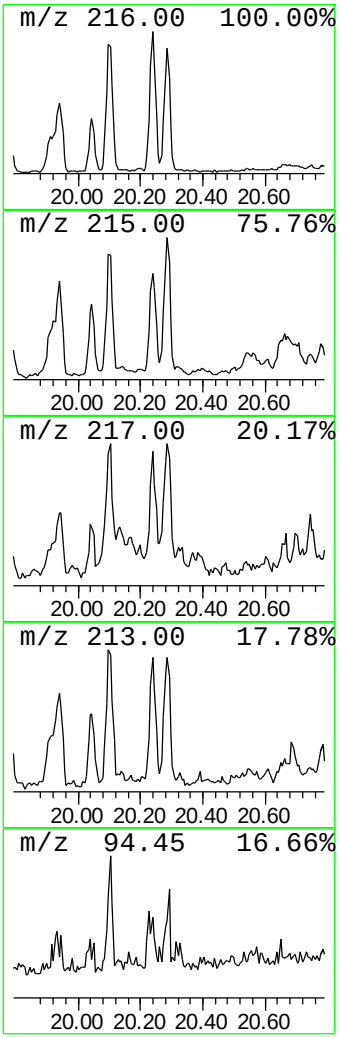
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	3.05 ng/ul	307939	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, 2-methyl-	216	C17H12	003442-78-2	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017787.D
Acq On : 7 Jul 2015 2:01
Operator : TP/UM
Sample : G2860-20 10X
Misc :
ALS Vial : 18 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...	2.88	11.6	ng/ul	305149	1	7.61	525046	20.0
Dibenzothiophene	16.83	3.1	ng/ul	189508	4	17.01	1203900	20.0
Anthracene, 2-met...	17.89	4.4	ng/ul	263065	4	17.01	1203900	20.0
Phenanthrene, 2-m...	17.94	4.8	ng/ul	289697	4	17.01	1203900	20.0
4H-Cyclopenta[def...	18.08	7.1	ng/ul	428816	4	17.01	1203900	20.0
Phenanthrene, 4-m...	18.12	2.8	ng/ul	168423	4	17.01	1203900	20.0
2-Phenylnaphthalene	18.39	3.2	ng/ul	193305	4	17.01	1203900	20.0
Phenanthrene, 2,5...	18.82	4.2	ng/ul	251284	4	17.01	1203900	20.0
Phenanthrene, 2,3...	19.53	2.2	ng/ul	220219	5	21.21	2020390	20.0
Pyrene, 1-methyl-	20.10	3.5	ng/ul	348907	5	21.21	2020390	20.0
Pyrene, 4-methyl-	20.24	2.5	ng/ul	250443	5	21.21	2020390	20.0
Pyrene, 2-methyl-	20.29	3.0	ng/ul	307939	5	21.21	2020390	20.0