LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

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-BG011216.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	3.050	31	36	46	rVV3	12501	25863	3.81%	0.383%
2	3.132	46	50	55	rVB	12106	16632	2.45%	0.247%
3	8.038	880	885	894	rVB	50980	88689	13.08%	1.315%
4	9.225	1081	1087	1097	rVB2	2276	4854	0.72%	0.072%
5	10.858	1358	1365	1378	rBV	79835	142188	20.97%	2.108%
6	14.007	1895	1901	1905	rBV3	5942	10577	1.56%	0.157%
7	14.084	1905	1914	1918	rVV3	9282	17197	2.54%	0.255%
8	14.236	1936	1940	1944	rBV	3524	5581	0.82%	0.083%
9	14.377	1958	1964	1968	rBV	10554	17293	2.55%	0.256%
10	14.683	2007	2016	2022	rBV2	146418	231203	34.10%	3.427%
11	14.742	2022	2026	2033	rVB2	5651	9066	1.34%	0.134%
12	15.077	2075	2083	2090	rBB5	5333	9429	1.39%	0.140%
13	15.147	2090	2095	2102	rBV2	7180	9784	1.44%	0.145%
14	15.294	2114	2120	2125	rBV	6269	9971	1.47%	0.148%
15	15.347	2125	2129	2133	rVV	3648	4701	0.69%	0.070%
16	15.464	2140	2149	2152	rBV3	4010	8438	1.24%	0.125%
17	15.670	2180	2184	2189	rVV	17681	24636	3.63%	0.365%
18	15.729	2189	2194	2204	rVB4	7289	15344	2.26%	0.227%
19	15.817	2204	2209	2212	rBV2	2660	5084	0.75%	0.075%
20	15.846	2212	2214	2218	rVV	4179	5524	0.81%	0.082%
21	16.393	2303	2307	2315	rVB4	6397	10528	1.55%	0.156%
22	16.728	2353	2364	2369	rBV4	8905	20459	3.02%	0.303%
23	16.780	2369	2373	2377	rVB3	9082	12351	1.82%	0.183%
24	16.875	2387	2389	2394	rVB2	5501	7048	1.04%	0.104%
25	16.998	2407	2410	2417	rVB3	4152	6586	0.97%	0.098%
26	17.086	2420	2425	2432	rVV3	9024	15152	2.23%	0.225%
27	17.151	2432	2436	2443	rVV7	4349	8234	1.21%	0.122%
28	17.245	2448	2452	2460	rVB2	7069	11821	1.74%	0.175%
29	17.427	2476	2483	2487	rVV	215495	325840	48.06%	4.830%
30	17.468	2487	2490	2496	rVV	164831	231716	34.18%	3.435%
31	17.527	2496	2500	2503	rVV2	20544	31863	4.70%	0.472%
32	17.562	2503	2506	2510	rVV	15445	20612	3.04%	0.306%
33	17.615	2510	2515	2520	rVV5	4970	10015	1.48%	0.148%
34	17.738	2534	2536	2541	rVB2	5037	6454	0.95%	0.096%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

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-BG011216.M
Title : SVOA CALIBRATION

35	17.832	2547	2552	2554	rBV3	5228	7957	1.17%	0.118%
36	17.938	2566	2570	2575	rBV	10000	12922	1.91%	0.192%
37	18.008	2578	2582	2588	rVB2	15978	24084	3.55%	0.357%
38	18.149	2604	2606	2613	rVB3	5531	9973	1.47%	0.148%
39	18.226	2614	2619	2623	rBV4	7891	12588	1.86%	0.187%
40	18.302	2626	2632	2636	rBV	66223	95984	14.16%	1.423%
41	18.349	2636	2640	2646	rVB	74573	111243	16.41%	1.649%
42	18.432	2646	2654	2659	rBV4	16015	29174	4.30%	0.432%
43	18.490	2659	2664	2668	rVV2	75469	135921	20.05%	2.015%
44	18.531	2668	2671	2677	rVB	56506	83077	12.25%	1.232%
45	18.608	2681	2684	2688	rBV4	3756	4602	0.68%	0.068%
46	18.696	2694	2699	2704	rVB4	6614	10593	1.56%	0.157%
47	18.749	2704	2708	2711	rBV5	4517	6695	0.99%	0.099%
48	18.796	2711	2716	2721	rBV	37890	58711	8.66%	0.870%
49	18.849	2721	2725	2733	rVB	29874	50546	7.46%	0.749%
50	18.919	2733	2737	2741	rBV3	7241	12275	1.81%	0.182%
51	19.019	2750	2754	2755	rBV3	8405	11620	1.71%	0.172%
52	19.043	2755	2758	2763	rVV4	21219	29109	4.29%	0.432%
53	19.090	2763	2766	2770	rVB2	20038	25103	3.70%	0.372%
54	19.131	2770	2773	2779	rVB2	13654	17469	2.58%	0.259%
55	19.213	2781	2787	2792	rBV2	68855	113336	16.72%	1.680%
56	19.272	2792	2797	2800	rBV3	19017	38050	5.61%	0.564%
57	19.360	2806	2812	2824	rBV5	35333	82749	12.21%	1.227%
58	19.477	2824	2832	2838	rVV	257471	364876	53.82%	5.409%
59	19.530	2838	2841	2845	rVV	16788	25315	3.73%	0.375%
60	19.571	2845	2848	2853	rVB2	20439	28674	4.23%	0.425%
61	19.677	2861	2866	2870	rBV3	12340	19518	2.88%	0.289%
62	19.718	2870	2873	2876	rBV4	10732	14881	2.19%	0.221%
63	19.842	2884	2894	2901	rVB	330631	550899	81.26%	8.167%
64	19.906	2901	2905	2911	rVB2	30030	49650	7.32%	0.736%
65	19.965	2911	2915	2916	rBV3	5263	7054	1.04%	0.105%
66	20.065	2929	2932	2939	rVB5	17897	31068	4.58%	0.461%
67	20.171	2941	2950	2958	rBV7	39367	108988	16.08%	1.616%
68	20.329	2967	2977	2983	rVB	51763	141472	20.87%	2.097%
69	20.429	2991	2994	2998	rVV	27905	39678	5.85%	0.588%
70	20.488	3000	3004	3008	rVV	63585	92297	13.61%	1.368%
71	20.523	3008	3010	3015	rVV4	9788	15218	2.24%	0.226%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

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-BG011216.M
Title : SVOA CALIBRATION

72	20.570	3015	3018	3022	rVV5	9024	12909	1.90%	0.191%
73	20.629	3024	3028	3032	rVV	62301	84170	12.41%	1.248%
74	20.676	3032	3036	3044	rVB	51426	76822	11.33%	1.139%
75	20.882	3067	3071	3074	rBV4	13111	20911	3.08%	0.310%
76	21.052	3096	3100	3103	rBV5	9221	17812	2.63%	0.264%
77	21.093	3103	3107	3113	rVB2	41135	67376	9.94%	0.999%
78	21.187	3120	3123	3128	rVB	14011	17879	2.64%	0.265%
79	21.275	3130	3138	3142	rVV4	35571	86527	12.76%	1.283%
80	21.316	3142	3145	3150	rVV	33835	50657	7.47%	0.751%
81	21.369	3150	3154	3159	rVV2	29721	53633	7.91%	0.795%
82	21.434	3162	3165	3173	rVB	30862	52829	7.79%	0.783%
83	21.698	3201	3210	3215	rBV2	296025	677975	100.00%	10.051%
84	21.745	3215	3218	3231	rVB	141307	246045	36.29%	3.648%
85	21.851	3231	3236	3240	rBV4	10776	19379	2.86%	0.287%
86	21.904	3240	3245	3252	rBV3	16790	28386	4.19%	0.421%
87	22.356	3318	3322	3326	rBV5	11038	19045	2.81%	0.282%
88	22.439	3332	3336	3340	rVB	33727	55184	8.14%	0.818%
89	22.509	3344	3348	3354	rVB	26805	43813	6.46%	0.650%
90	22.709	3377	3382	3387	rBV2	23900	46987	6.93%	0.697%
91	22.856	3402	3407	3413	rVB5	15298	30747	4.54%	0.456%
92	23.925	3580	3589	3596	rBV2	62742	223513	32.97%	3.313%
93	24.178	3627	3632	3640	rVB2	12174	27771	4.10%	0.412%
94	24.648	3703	3712	3720	rBV	46523	124611	18.38%	1.847%
95	24.730	3721	3726	3729	rVV	9400	18705	2.76%	0.277%
96	24.795	3731	3737	3748	rVB	65283	181323	26.74%	2.688%
97	24.947	3750	3763	3772	rBV2	128602	396113	58.43%	5.872%
98	26.028	3938	3947	3948	rBV5	10729	22600	3.33%	0.335%
99	28.672	4386	4397	4411	rVB4	24401	109460	16.15%	1.623%
100	29.836	4585	4595	4607	rVB4	18886	78250	11.54%	1.160%

Sum of corrected areas: 6745534

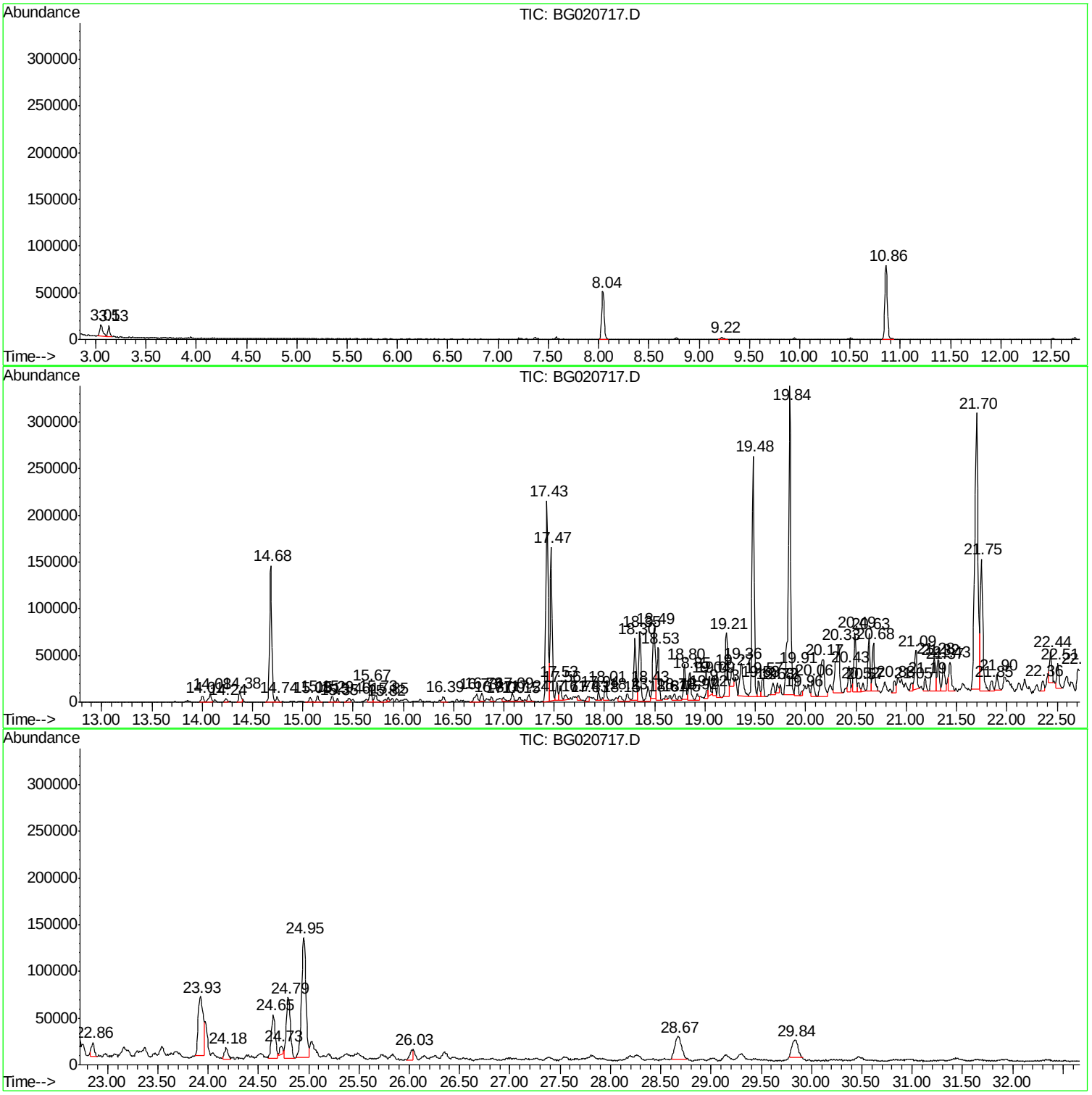
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

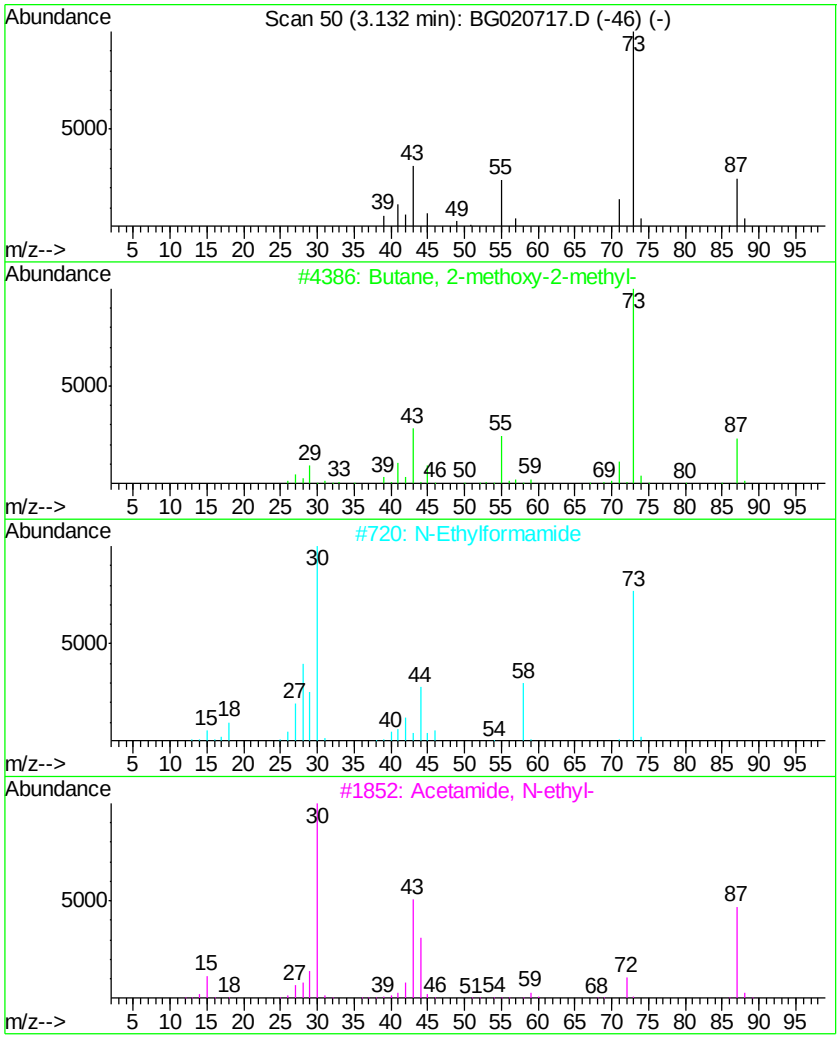
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

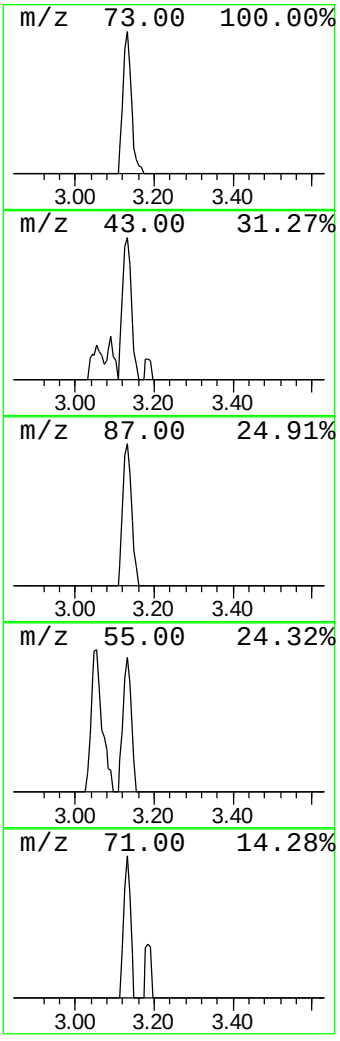
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	3.75 ng/ul	16632	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	N-Ethylformamide	73	C3H7NO	000627-45-2	5
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

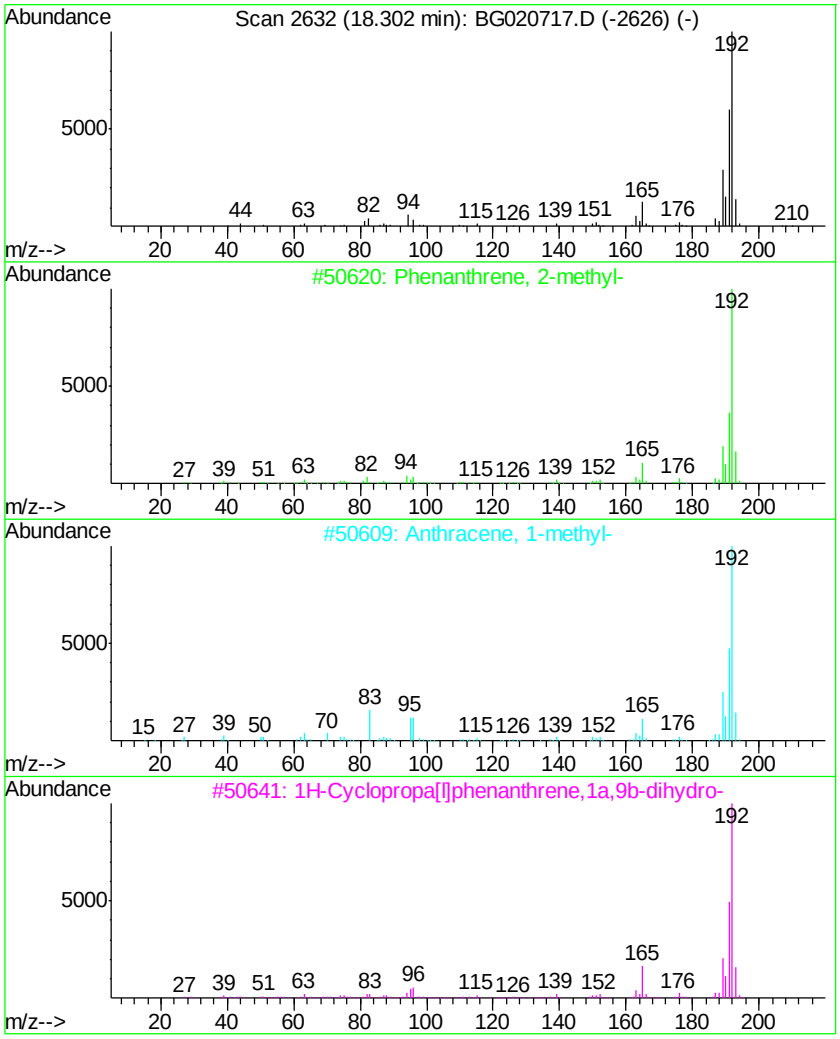
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

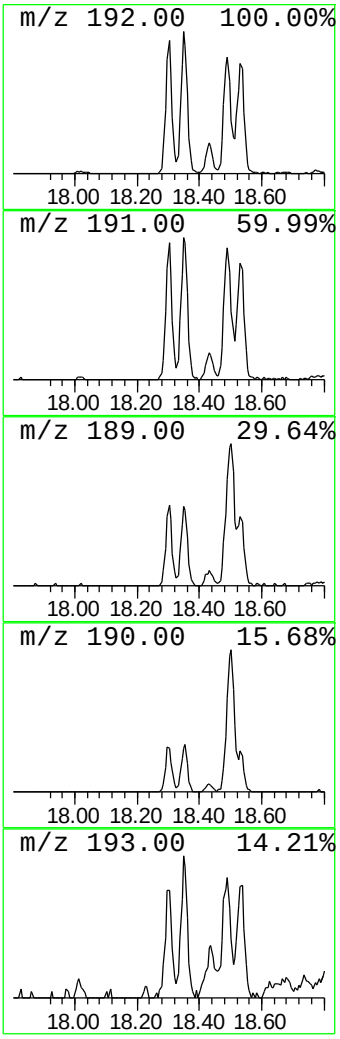
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.89 ng/ul	95984	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

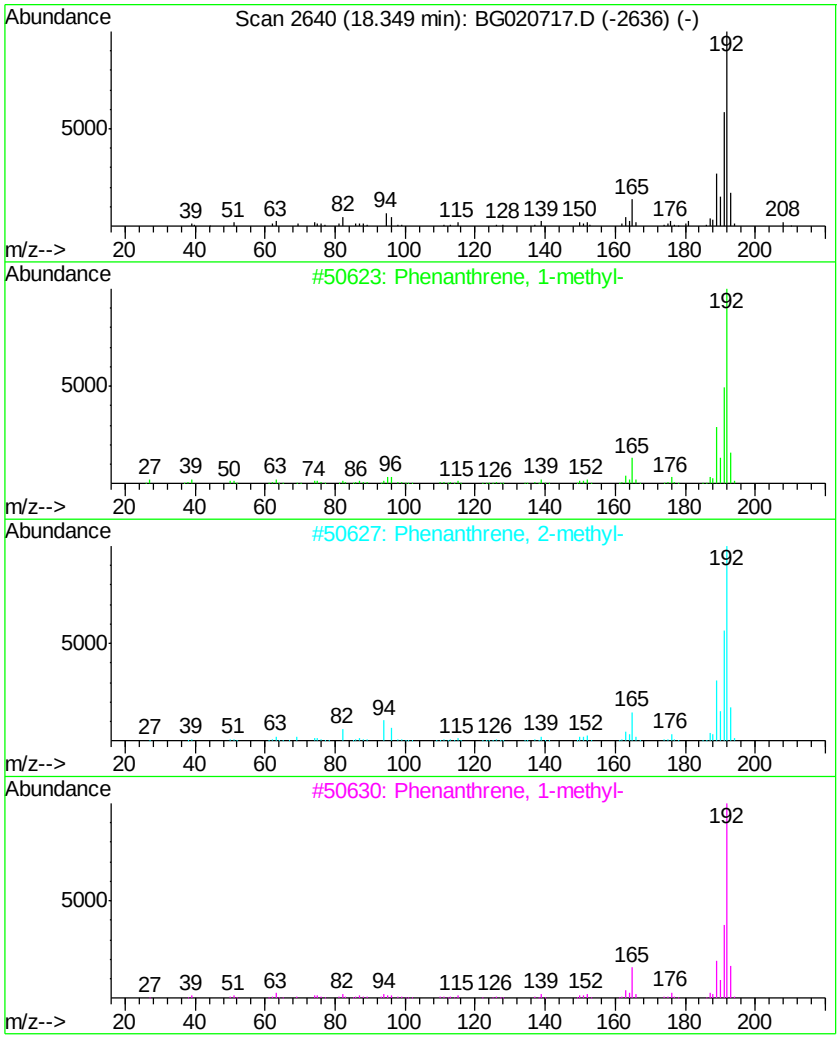
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

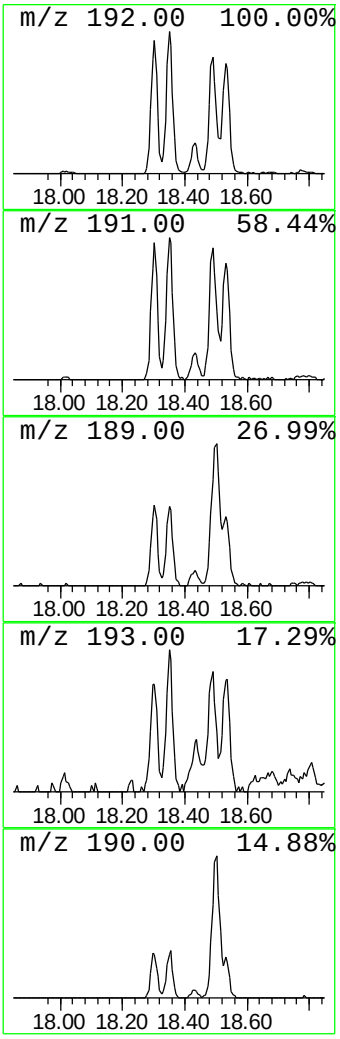
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	6.83 ng/ul	111243	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

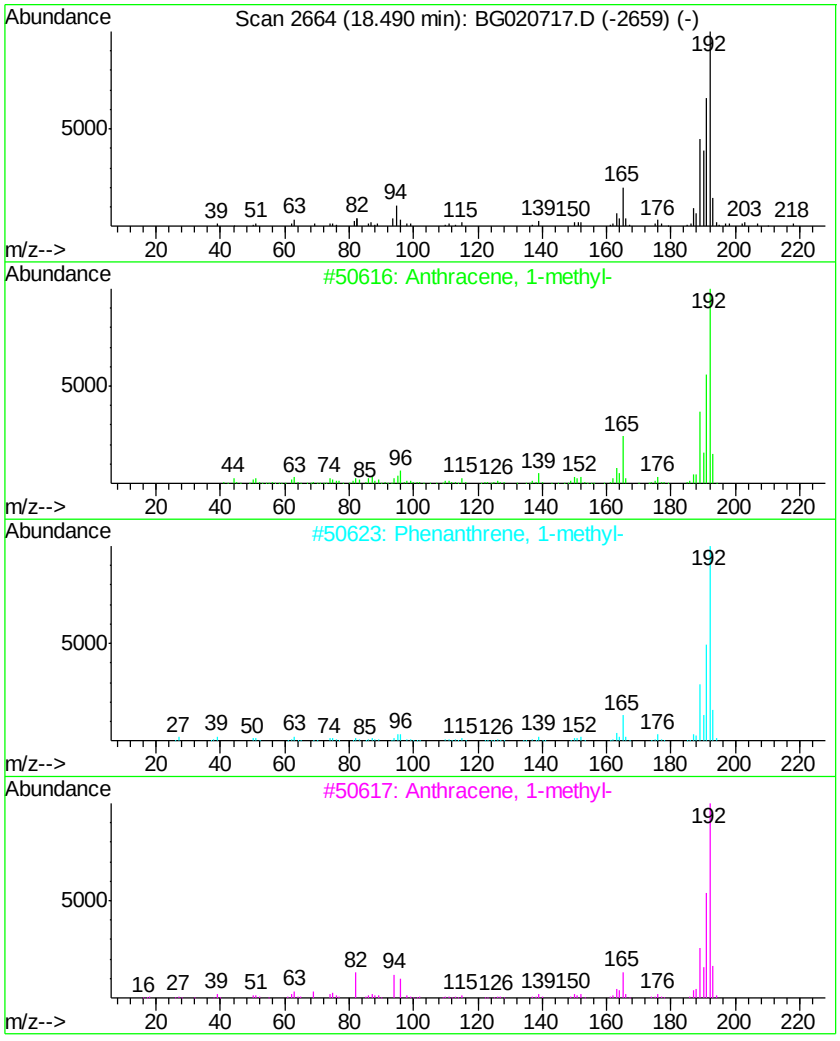
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

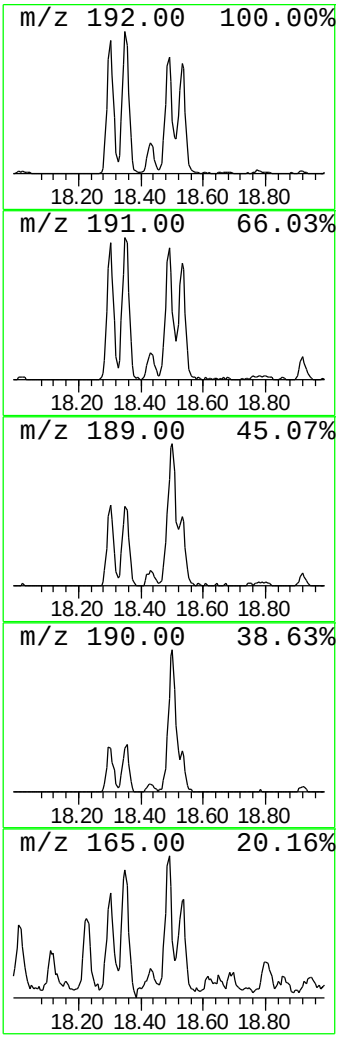
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	8.34 ng/ul	135921	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

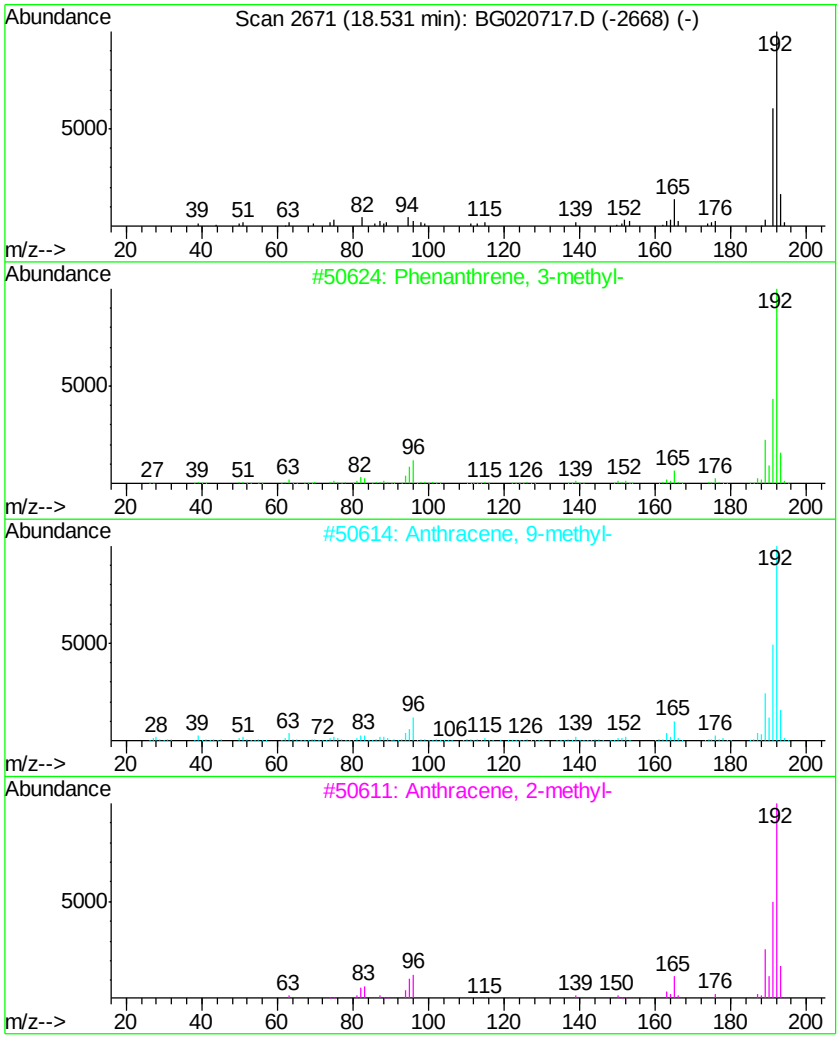
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

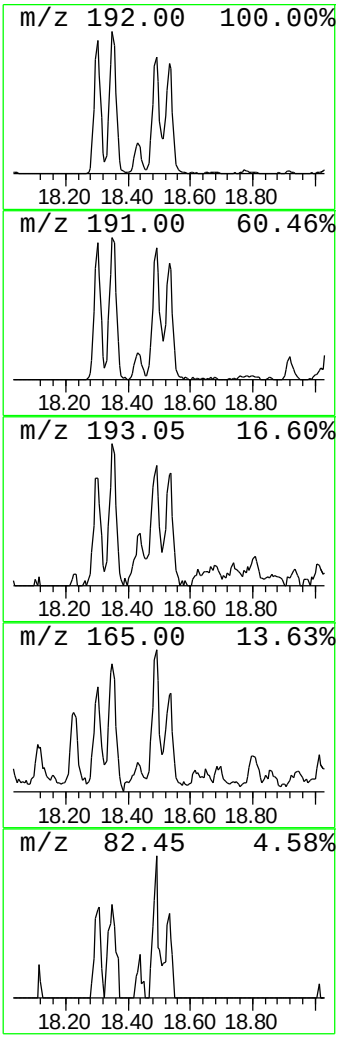
****

Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	5.10 ng/ul	83077	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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

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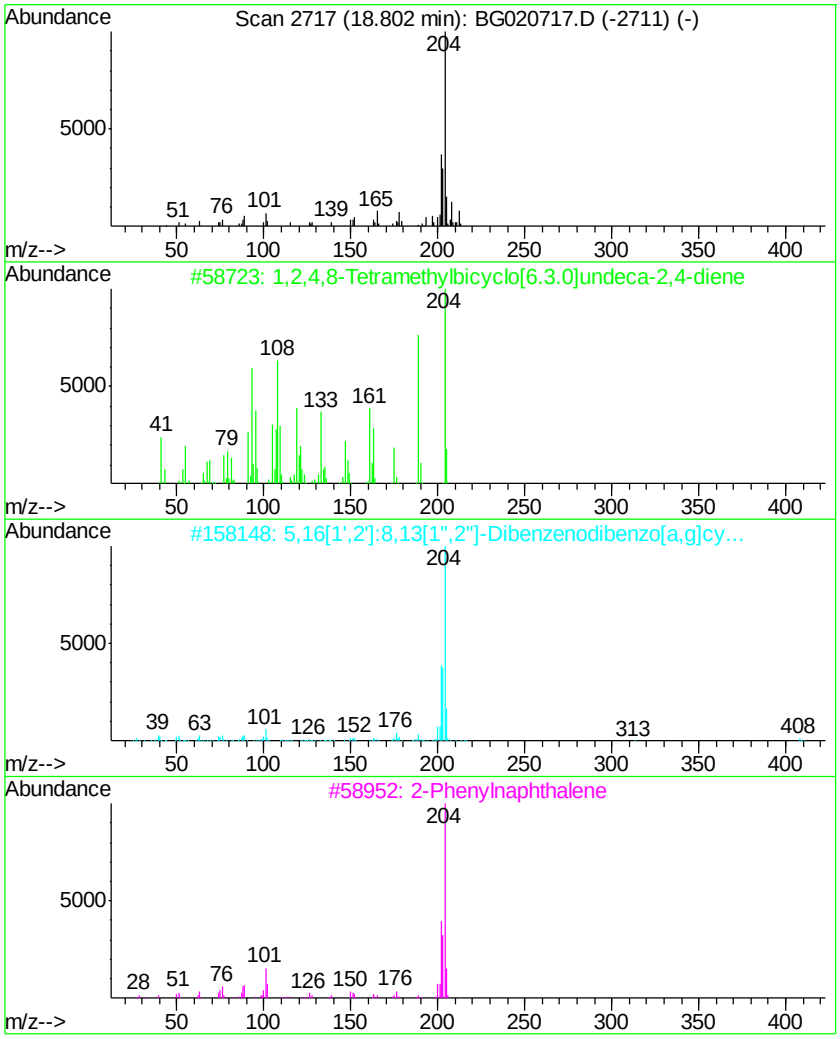
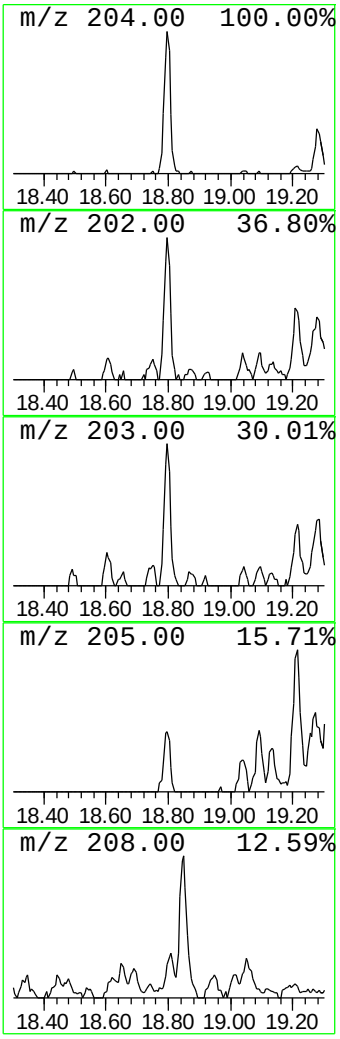
Peak Number 7 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	3.60 ng/ul	58711	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52





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Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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

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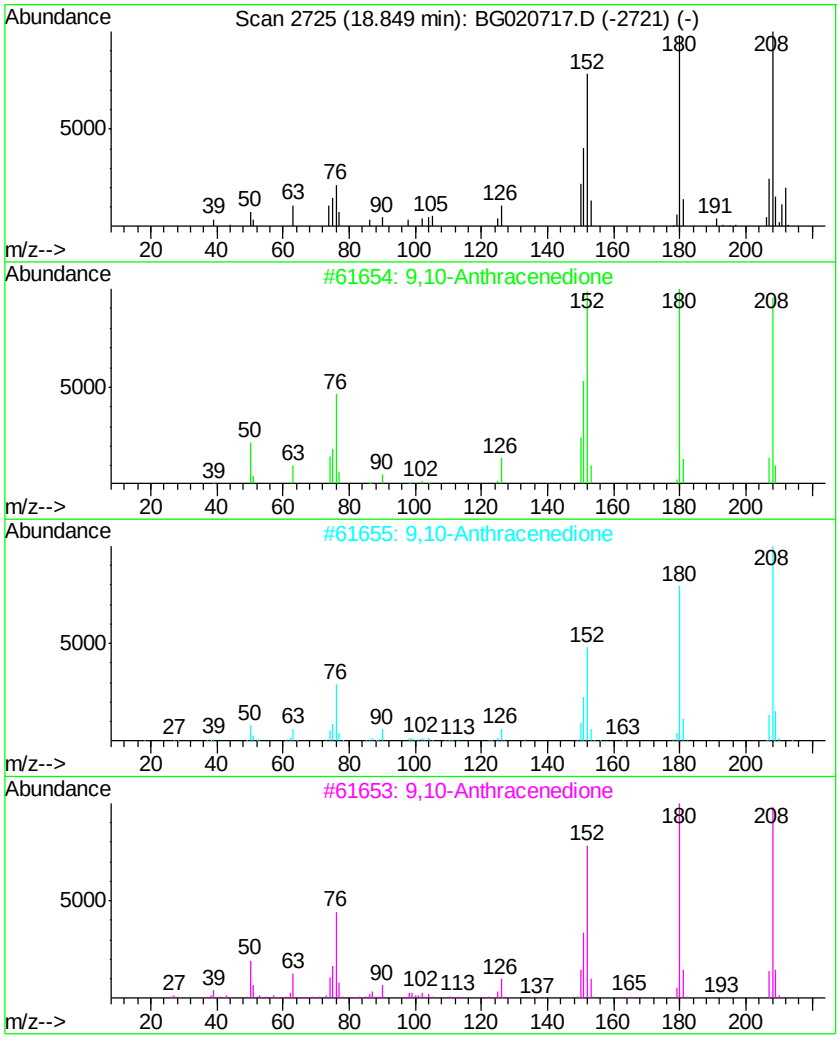
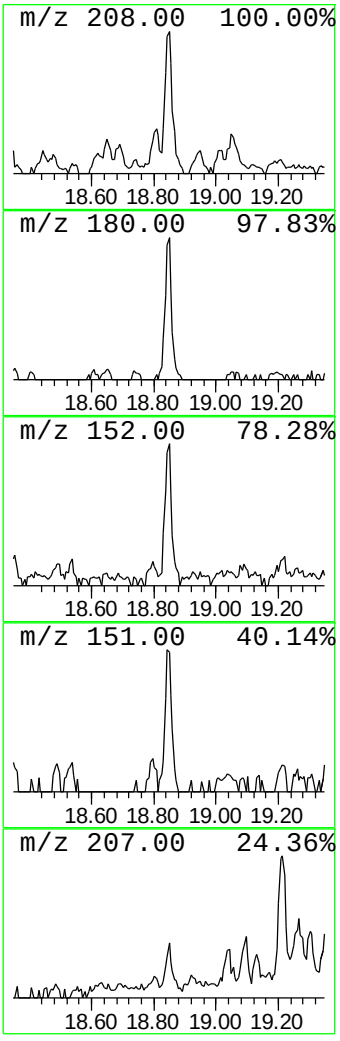
Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.10 ng/ul	50546	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78





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Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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

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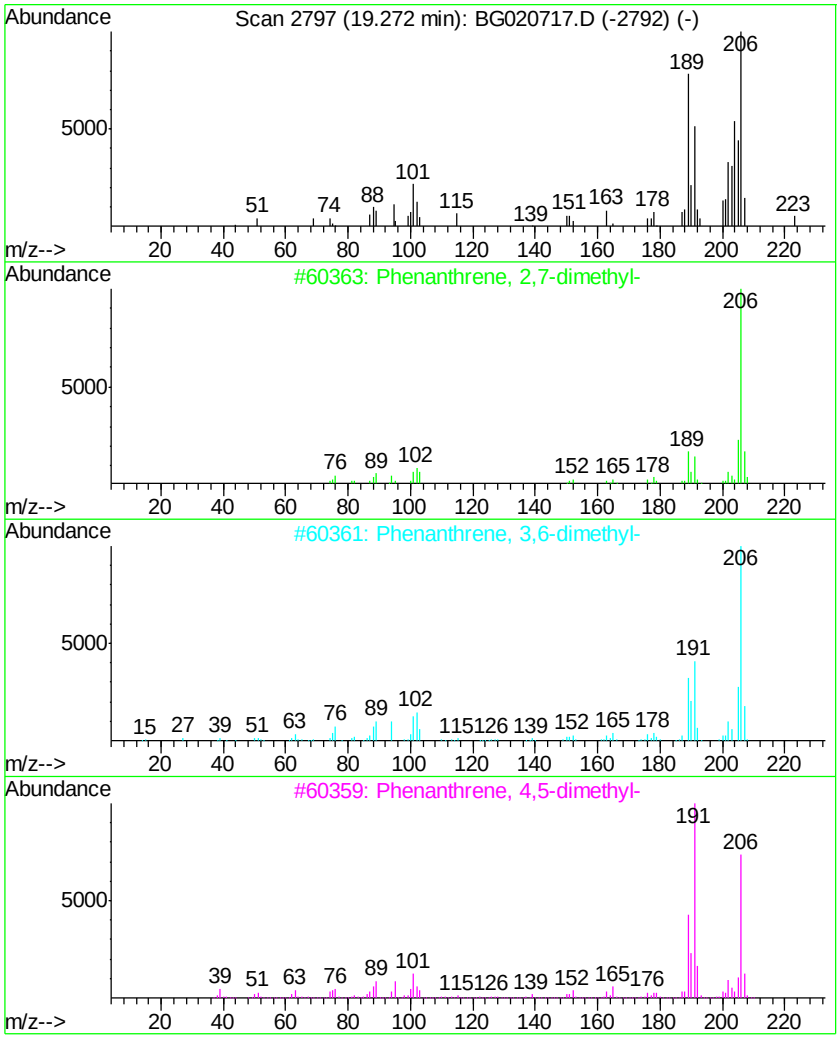
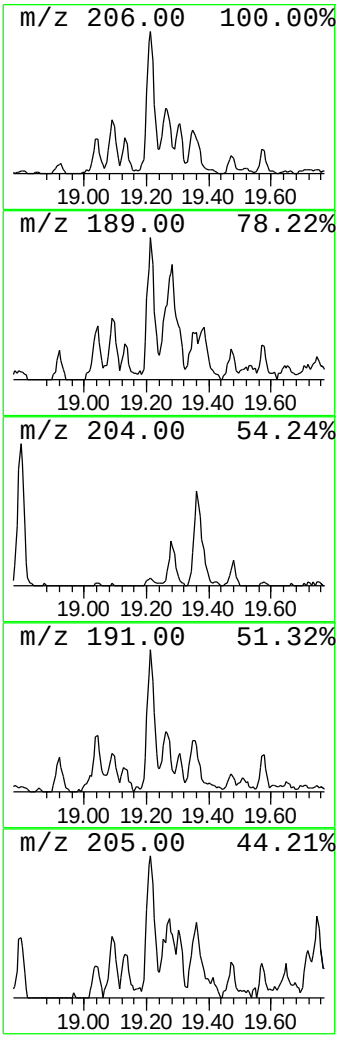
Peak Number 10 Phenanthrene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.34 ng/ul	38050	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	68
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	45





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Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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

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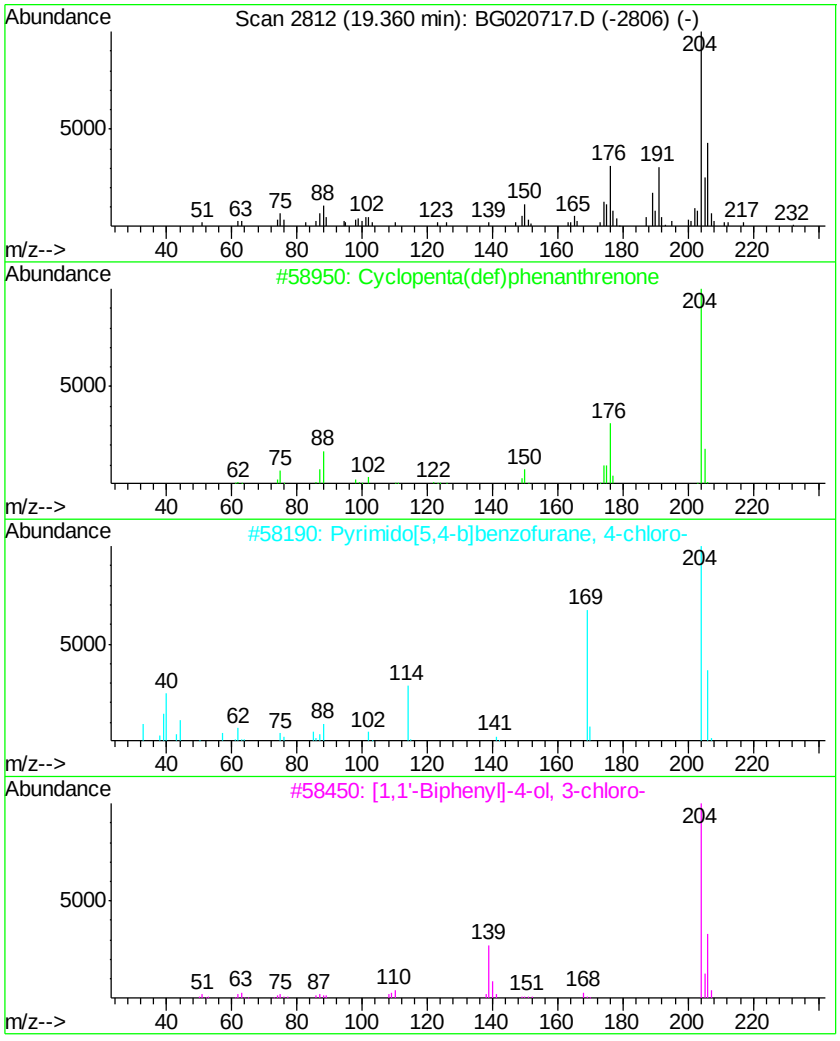
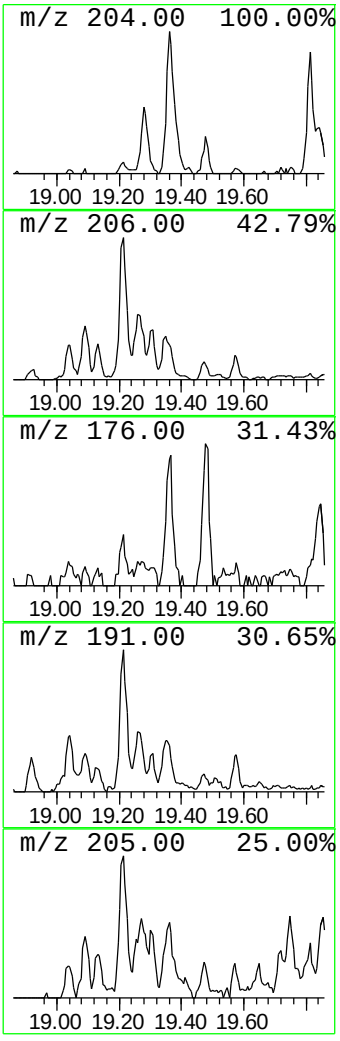
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	5.08 ng/ul	82749	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
3	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43
4	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	40





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Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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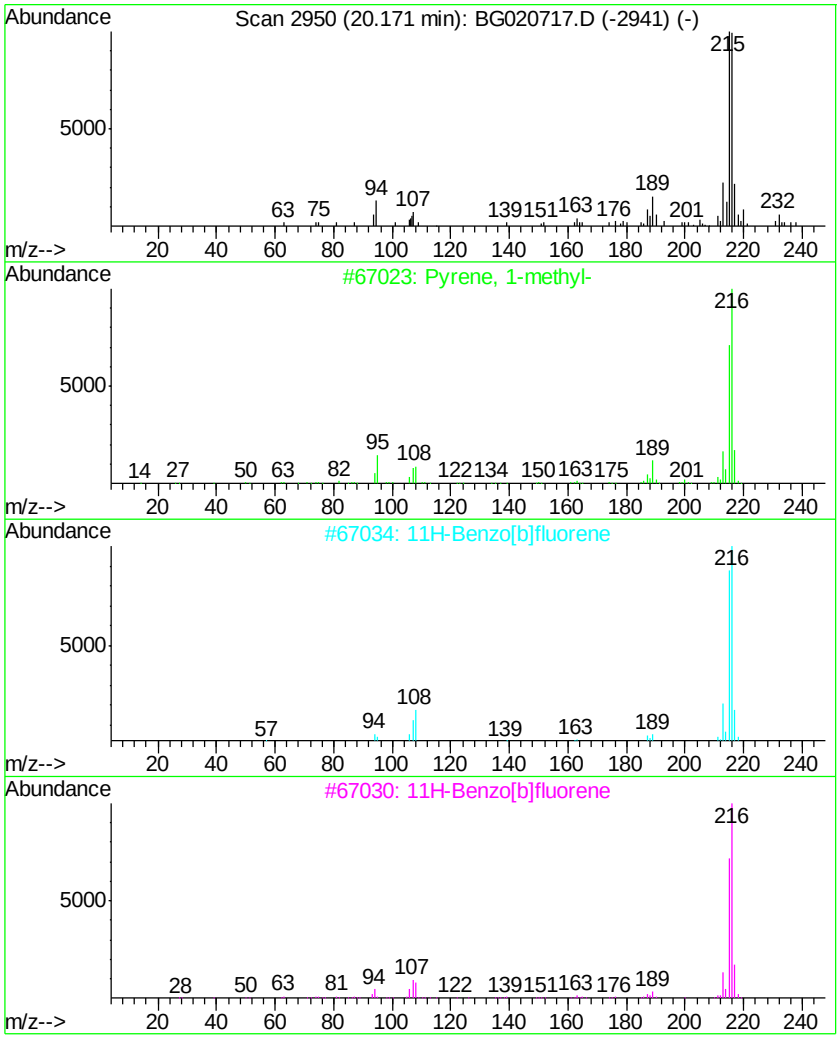
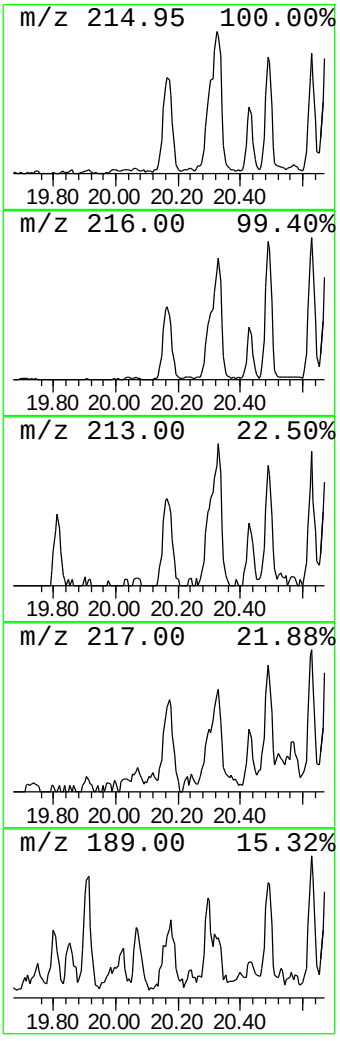
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	3.22 ng/ul	108988	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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

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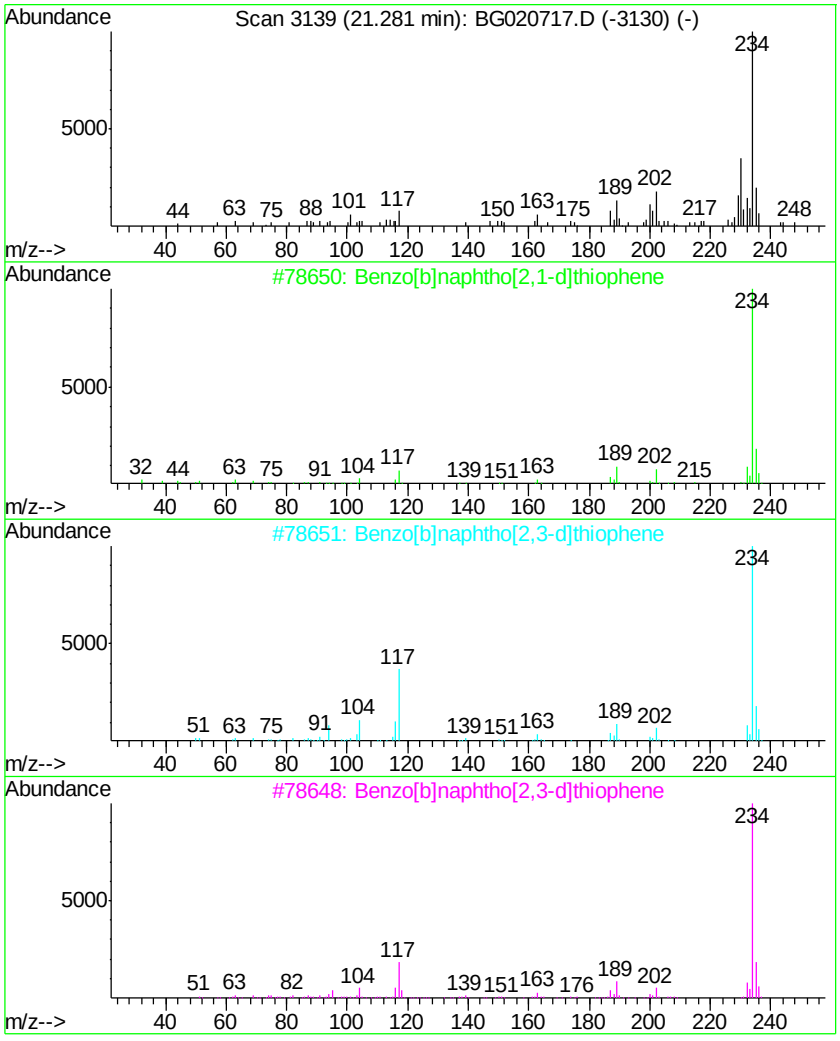
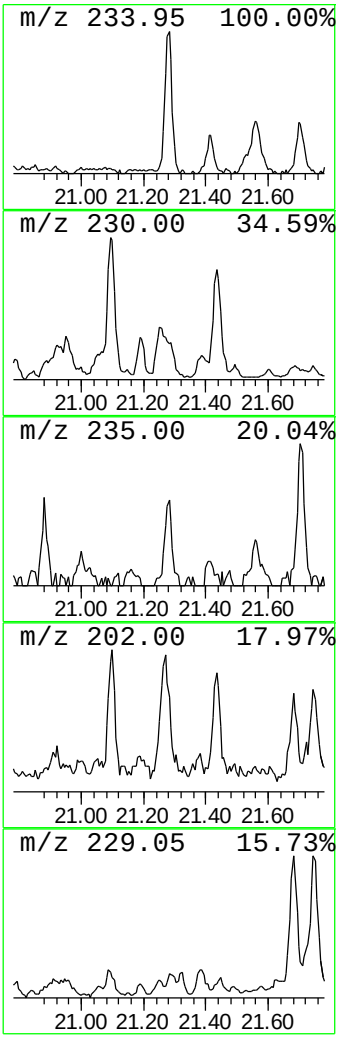
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.55 ng/ul	86527	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	58
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	53





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Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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

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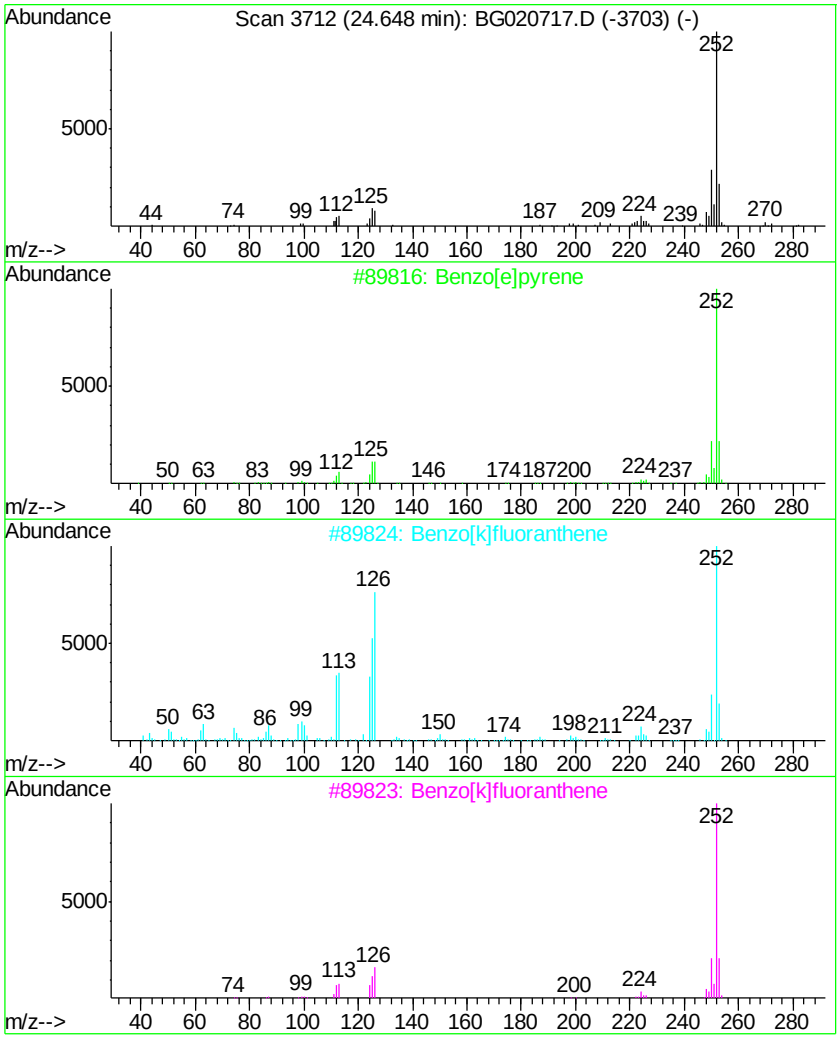
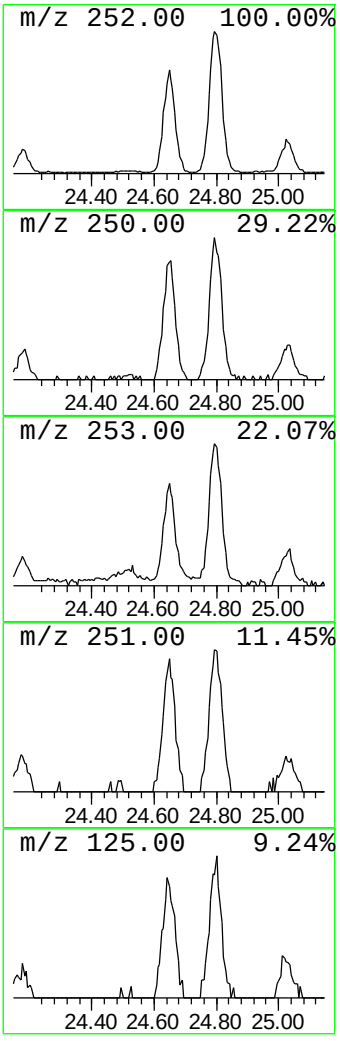
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	6.29 ng/ul	124611	Perylene-d12	24.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC931

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.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...	3.13	3.8	ng/ul	16632	1	8.04	88689	20.0
Phenanthrene, 2-m...	18.30	5.9	ng/ul	95984	4	17.43	325840	20.0
Phenanthrene, 1-m...	18.35	6.8	ng/ul	111243	4	17.43	325840	20.0
Anthracene, 1-met...	18.49	8.3	ng/ul	135921	4	17.43	325840	20.0
Phenanthrene, 3-m...	18.53	5.1	ng/ul	83077	4	17.43	325840	20.0
1,2,4,8-Tetrameth...	18.80	3.6	ng/ul	58711	4	17.43	325840	20.0
9,10-Anthracenedione	18.85	3.1	ng/ul	50546	4	17.43	325840	20.0
Phenanthrene, 2,7...	19.27	2.3	ng/ul	38050	4	17.43	325840	20.0
Cyclopenta(def)ph...	19.36	5.1	ng/ul	82749	4	17.43	325840	20.0
Pyrene, 1-methyl-	20.17	3.2	ng/ul	108988	5	21.70	677975	20.0
Benzo[b]naphtho[2...	21.28	2.5	ng/ul	86527	5	21.70	677975	20.0
Benzo[e]pyrene	24.65	6.3	ng/ul	124611	6	24.95	396113	20.0