LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

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-BG123015.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	3.078	36	41	45	rBV4	6963	13294	1.25%	0.131%
2	3.155	51	54	60	rVB3	4709	6121	0.58%	0.060%
3	3.971	188	193	197	rVB2	3373	4640	0.44%	0.046%
4	7.221	740	746	755	rBB2	6489	10981	1.03%	0.108%
5	7.379	768	773	781	rBB	5970	10048	0.95%	0.099%
6	7.591	804	809	815	rBB3	7094	12069	1.14%	0.119%
7	8.061	882	889	897	rBV	66219	109021	10.26%	1.077%
8	8.766	1005	1009	1020	rBB3	6947	12355	1.16%	0.122%
9	9.230	1083	1088	1095	rBV	8131	14665	1.38%	0.145%
10	9.959	1207	1212	1219	rBB2	6192	10429	0.98%	0.103%
11	10.499	1299	1304	1312	rBB2	9063	15417	1.45%	0.152%
12	10.875	1361	1368	1374	rBV	104611	182718	17.20%	1.805%
13	10.922	1374	1376	1383	rVB	7844	11478	1.08%	0.113%
14	11.016	1388	1392	1394	rBV2	2579	3810	0.36%	0.038%
15	12.526	1644	1649	1655	rVB	6861	11086	1.04%	0.110%
16	12.744	1681	1686	1691	rVB	6712	11272	1.06%	0.111%
17	13.860	1870	1876	1883	rBB2	3050	6576	0.62%	0.065%
18	14.019	1897	1903	1908	rBV2	7205	12007	1.13%	0.119%
19	14.095	1908	1916	1920	rVV	25150	39766	3.74%	0.393%
20	14.142	1920	1924	1930	rVB	10036	13650	1.28%	0.135%
21	14.254	1937	1943	1946	rBV	3768	5292	0.50%	0.052%
22	14.389	1960	1966	1970	rBV	32329	54175	5.10%	0.535%
23	14.694	2008	2018	2025	rBV2	182992	301641	28.39%	2.980%
24	14.759	2025	2029	2037	rVB	12202	17801	1.68%	0.176%
25	14.912	2047	2055	2060	rBV4	3092	5755	0.54%	0.057%
26	15.094	2079	2086	2090	rVB4	3268	5543	0.52%	0.055%
27	15.164	2093	2098	2102	rVB	2717	3932	0.37%	0.039%
28	15.687	2181	2187	2192	rVV	46949	69745	6.56%	0.689%
29	15.740	2192	2196	2203	rVV2	13919	22587	2.13%	0.223%
30	15.811	2205	2208	2213	rVV5	5310	8139	0.77%	0.080%
31	15.863	2213	2217	2220	rVV3	2819	4620	0.43%	0.046%
32	15.899	2220	2223	2228	rVV3	2231	3911	0.37%	0.039%
33	15.946	2228	2231	2236	rVV3	2225	3731	0.35%	0.037%
34	16.028	2242	2245	2250	rVB3	2907	4616	0.43%	0.046%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

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-BG123015.M
Title : SVOA CALIBRATION

35	16.181	2267	2271	2278	rVB3	2640	5020	0.47%	0.050%
36	16.375	2301	2304	2307	rBV2	2691	3825	0.36%	0.038%
37	16.410	2307	2310	2316	rVB4	4771	7241	0.68%	0.072%
38	16.745	2358	2367	2371	rBV5	6739	15331	1.44%	0.151%
39	16.792	2371	2375	2380	rVB2	6224	9868	0.93%	0.098%
40	16.892	2389	2392	2397	rVB2	4471	6886	0.65%	0.068%
41	17.009	2409	2412	2416	rBV3	3193	4228	0.40%	0.042%
42	17.097	2421	2427	2434	rBV3	9799	16561	1.56%	0.164%
43	17.262	2450	2455	2461	rVB2	11308	17477	1.64%	0.173%
44	17.444	2479	2486	2489	rBV	262658	396203	37.29%	3.915%
45	17.485	2489	2493	2498	rVB	205162	294030	27.67%	2.905%
46	17.538	2498	2502	2505	rBV	45385	66253	6.23%	0.655%
47	17.573	2505	2508	2513	rVB	35838	46679	4.39%	0.461%
48	17.614	2513	2515	2517	rBV3	4026	4218	0.40%	0.042%
49	17.955	2569	2573	2576	rBV	15532	18699	1.76%	0.185%
50	18.020	2580	2584	2590	rVB	18847	28642	2.70%	0.283%
51	18.167	2605	2609	2617	rVB2	8492	17443	1.64%	0.172%
52	18.243	2617	2622	2626	rBV4	4745	8936	0.84%	0.088%
53	18.313	2629	2634	2638	rBV	80753	116958	11.01%	1.156%
54	18.366	2638	2643	2649	rVV	90339	134037	12.61%	1.324%
55	18.443	2652	2656	2661	rVB	18941	26648	2.51%	0.263%
56	18.507	2661	2667	2671	rBV4	105558	204295	19.23%	2.019%
57	18.548	2671	2674	2681	rVB	69198	92314	8.69%	0.912%
58	18.619	2683	2686	2689	rVB2	4051	4814	0.45%	0.048%
59	18.666	2691	2694	2697	rBV4	3030	3801	0.36%	0.038%
60	18.713	2697	2702	2705	rVB2	7791	10423	0.98%	0.103%
61	18.754	2705	2709	2713	rBV5	3944	6803	0.64%	0.067%
62	18.807	2713	2718	2722	rBV	53517	73910	6.96%	0.730%
63	18.854	2722	2726	2736	rVB2	39290	70056	6.59%	0.692%
64	18.936	2736	2740	2742	rBV2	7368	9930	0.93%	0.098%
65	19.054	2752	2760	2764	rBV2	23117	40386	3.80%	0.399%
66	19.101	2764	2768	2772	rBV	19394	23507	2.21%	0.232%
67	19.142	2772	2775	2780	rVB	18151	20742	1.95%	0.205%
68	19.224	2783	2789	2794	rBV	78847	133921	12.60%	1.323%
69	19.289	2794	2800	2803	rBV3	24827	54521	5.13%	0.539%
70	19.371	2808	2814	2825	rBV5	48982	114845	10.81%	1.135%
71	19.489	2829	2834	2839	rVB	335083	466972	43.95%	4.614%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

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-BG123015.M
Title : SVOA CALIBRATION

72	19.547	2840	2844	2847	rVV	21224	26451	2.49%	0.261%
73	19.583	2847	2850	2855	rVB2	21693	30461	2.87%	0.301%
74	19.641	2855	2860	2864	rBV	45091	68981	6.49%	0.682%
75	19.688	2864	2868	2871	rVB4	18302	24909	2.34%	0.246%
76	19.759	2873	2880	2885	rVB3	20131	38344	3.61%	0.379%
77	19.853	2886	2896	2904	rBV	531985	923674	86.93%	9.126%
78	19.917	2904	2907	2914	rVB2	30188	44559	4.19%	0.440%
79	19.970	2914	2916	2918	rBV3	5454	6155	0.58%	0.061%
80	20.082	2931	2935	2943	rVB5	20040	34621	3.26%	0.342%
81	20.176	2944	2951	2959	rBV	74052	181599	17.09%	1.794%
82	20.340	2968	2979	2985	rVB	123585	305948	28.79%	3.023%
83	20.440	2992	2996	3001	rBV	76822	97655	9.19%	0.965%
84	20.499	3002	3006	3010	rVV	97074	133580	12.57%	1.320%
85	20.640	3026	3030	3034	rBV	95613	128595	12.10%	1.271%
86	20.687	3034	3038	3046	rVB	90907	130577	12.29%	1.290%
87	21.104	3106	3109	3116	rVB	52382	90783	8.54%	0.897%
88	21.333	3145	3148	3152	rVB	64272	85922	8.09%	0.849%
89	21.380	3152	3156	3161	rBV	40135	57493	5.41%	0.568%
90	21.715	3204	3213	3218	rBV2	386884	1062608	100.00%	10.499%
91	21.762	3218	3221	3234	rVB	311760	513411	48.32%	5.073%
92	21.921	3244	3248	3253	rBV5	20818	37876	3.56%	0.374%
93	21.986	3254	3259	3265	rBV	91079	164795	15.51%	1.628%
94	23.936	3583	3591	3600	rBV2	159559	572373	53.86%	5.655%
95	24.195	3629	3635	3647	rVB	29098	74791	7.04%	0.739%
96	24.671	3707	3716	3723	rBV	115538	322607	30.36%	3.188%
97	24.818	3734	3741	3752	rVB	180924	505240	47.55%	4.992%
98	24.970	3758	3767	3776	rBV2	151485	438273	41.25%	4.330%
99	28.684	4388	4399	4417	rVB4	50741	250095	23.54%	2.471%
100	29.853	4591	4598	4611	rVB3	44599	169223	15.93%	1.672%

Sum of corrected areas: 10120913

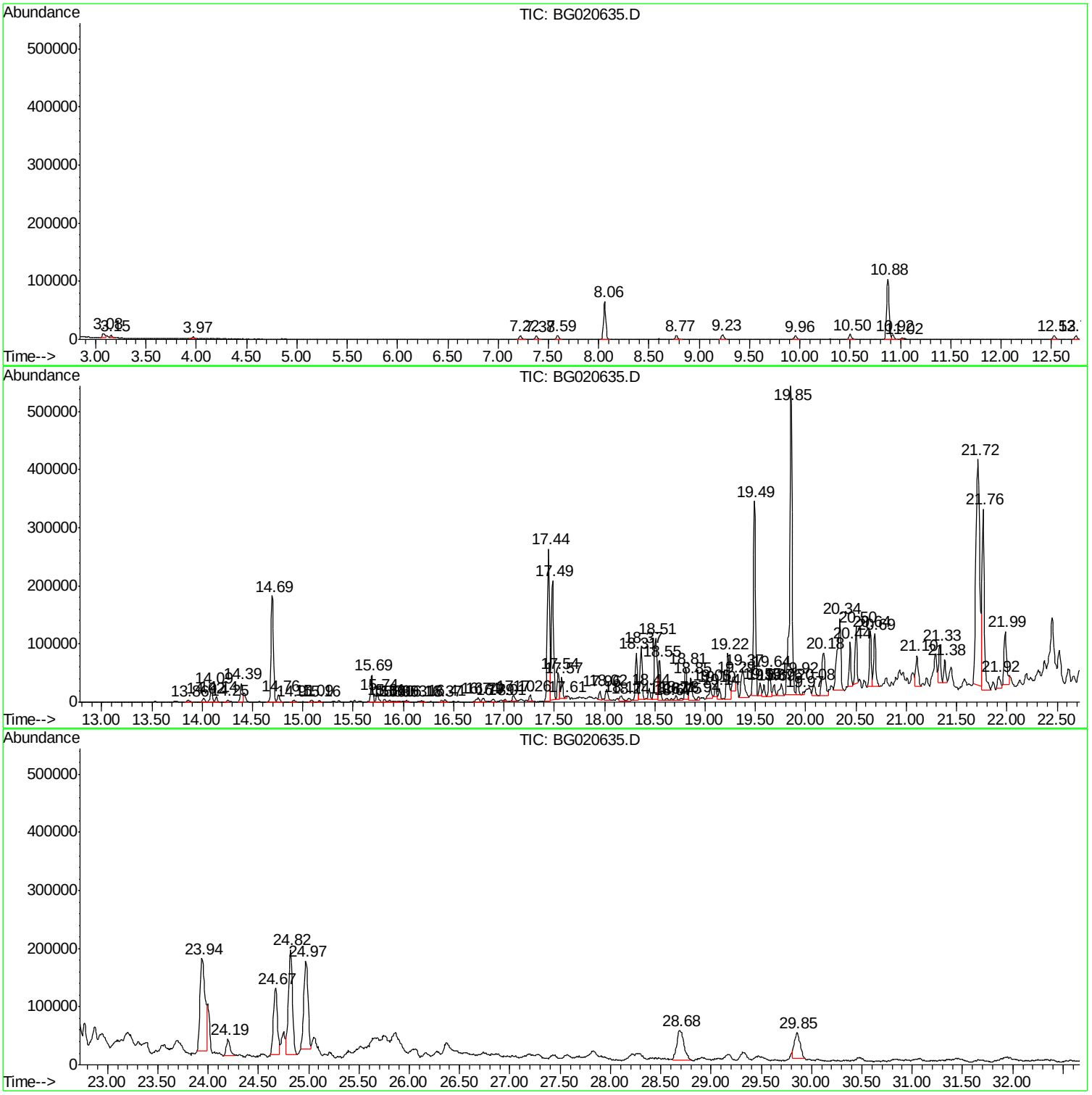
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

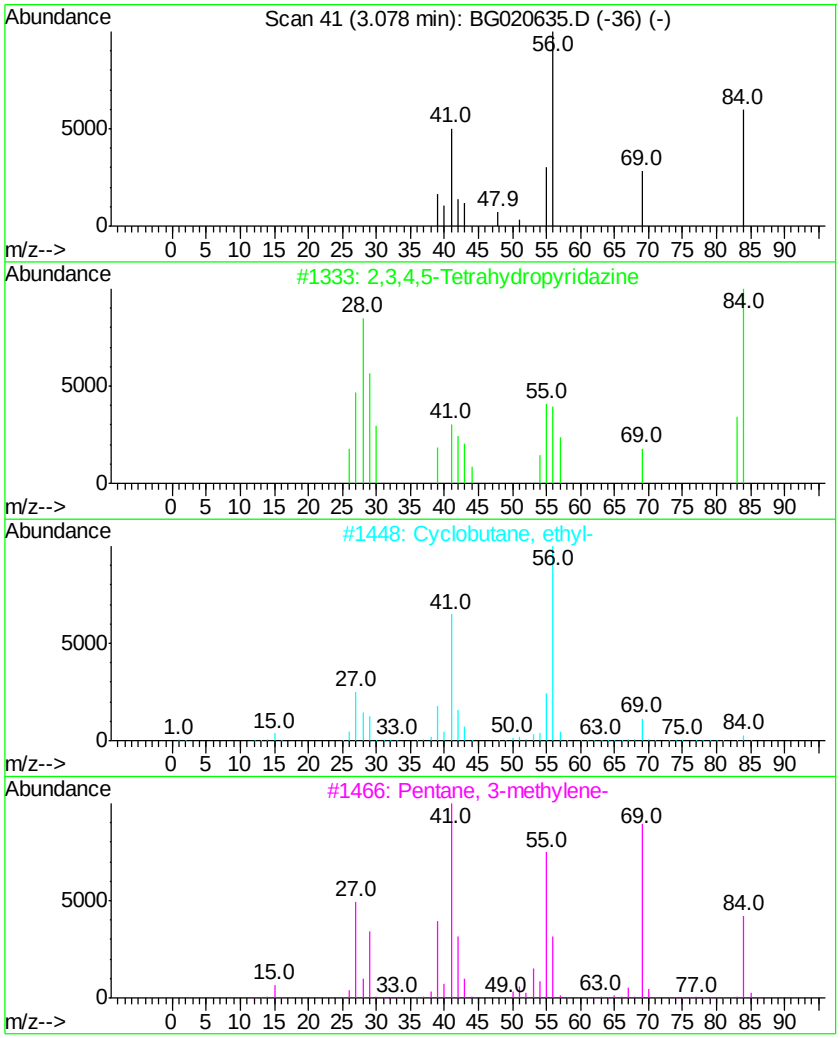
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

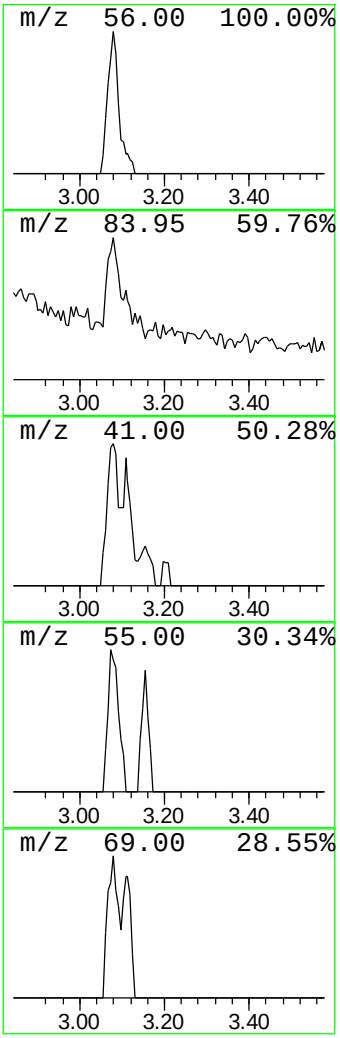
****

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	2.44 ng/ul	13294	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	37
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	9
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	9
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	9
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

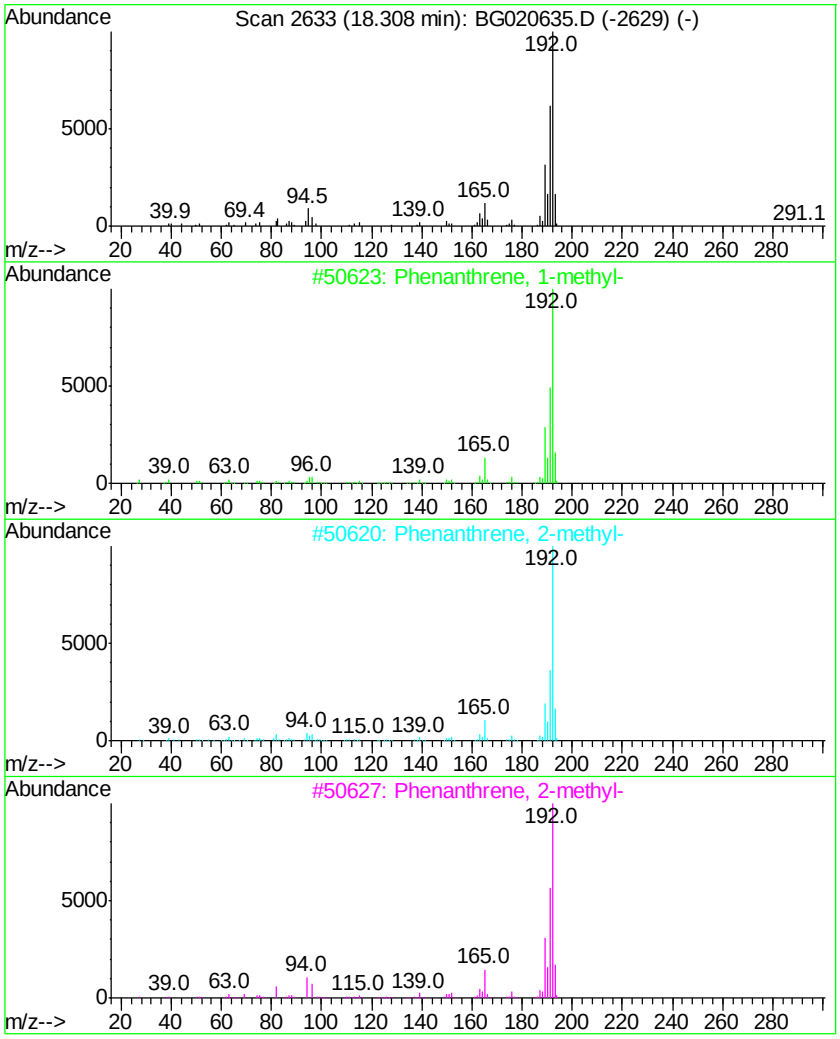
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

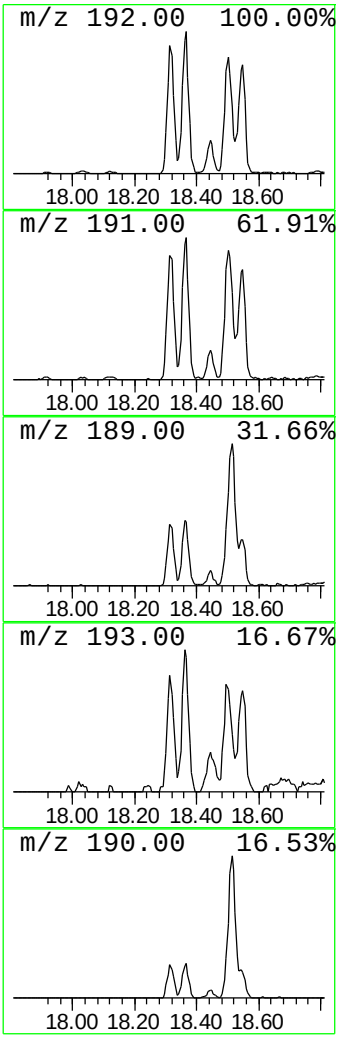
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	5.90 ng/ul	116958	Phenanthrene-d10	17.44

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	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

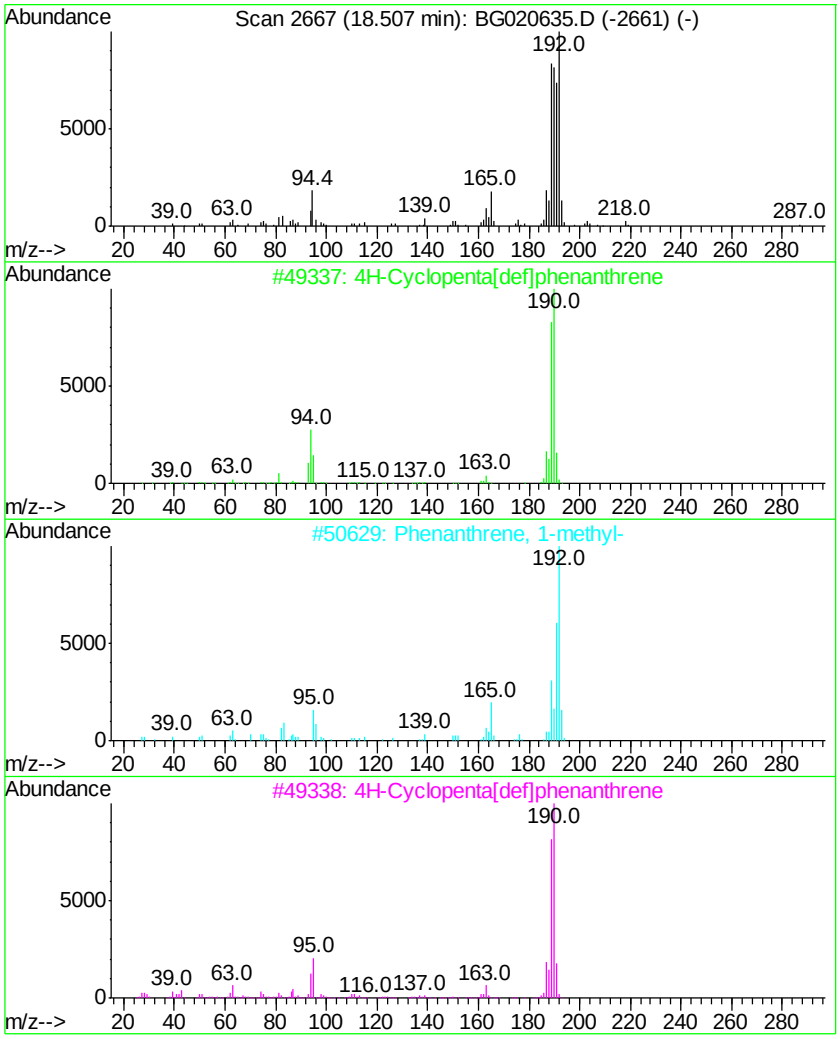
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

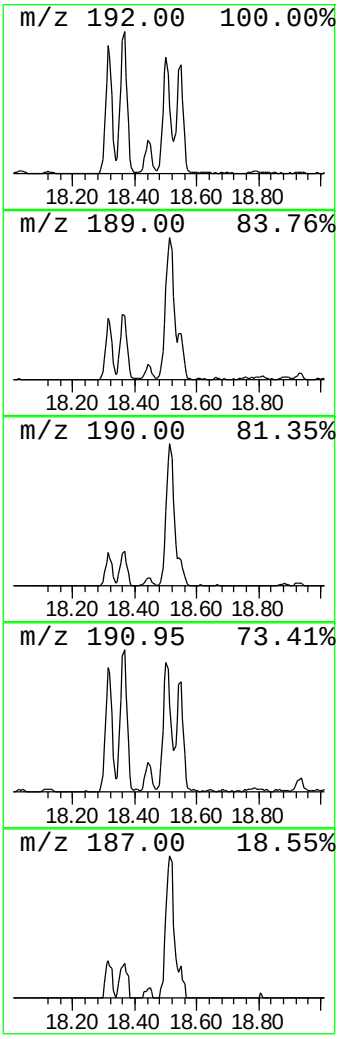
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	10.31 ng/ul	204295	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

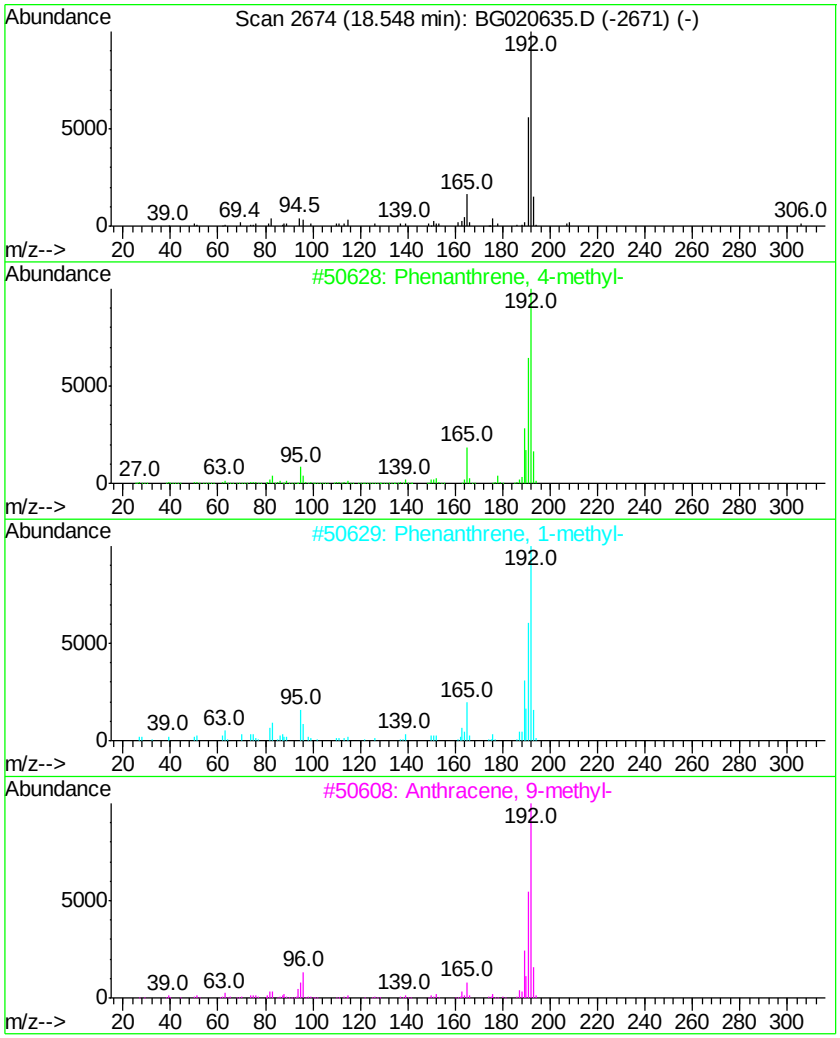
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

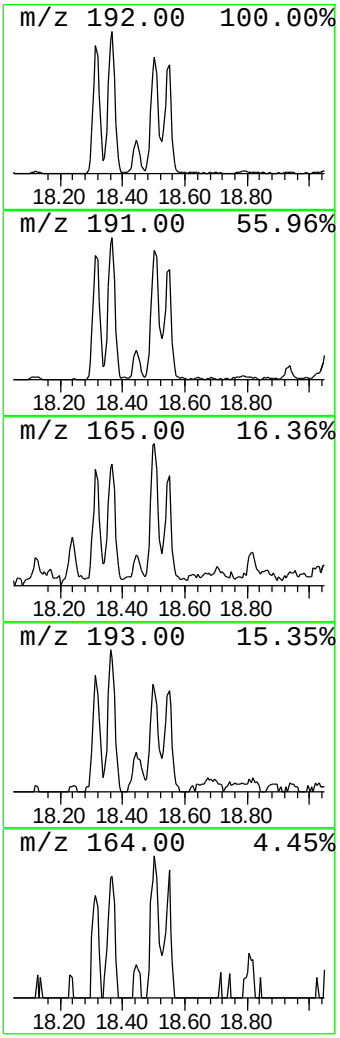
****

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.66 ng/ul	92314	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

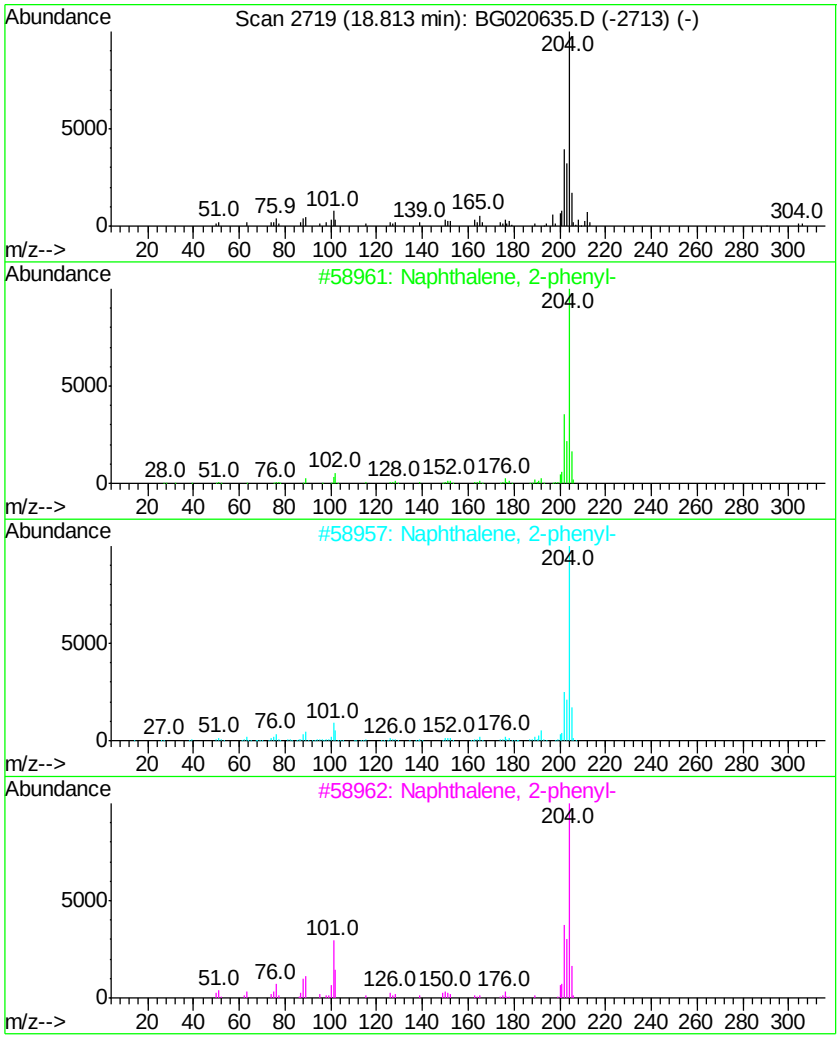
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

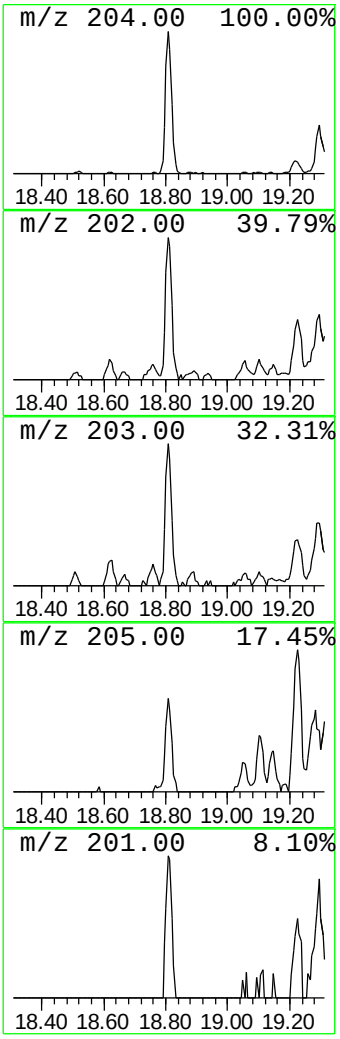
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	3.73 ng/ul	73910	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

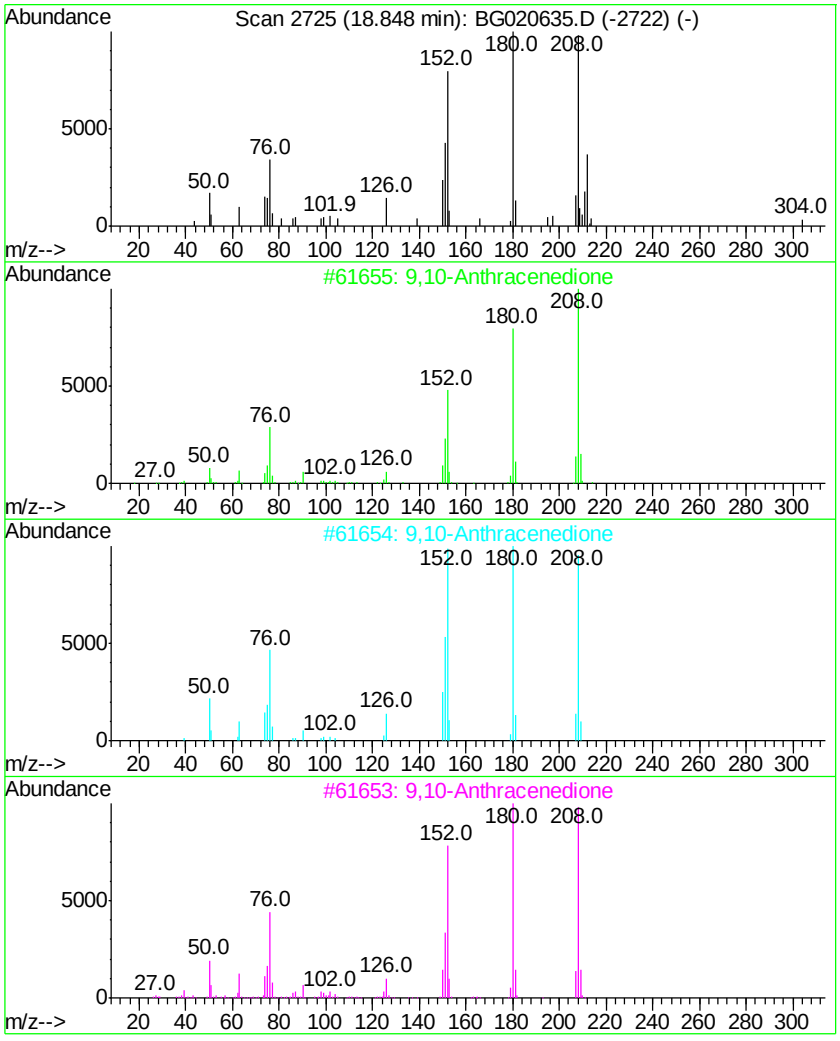
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

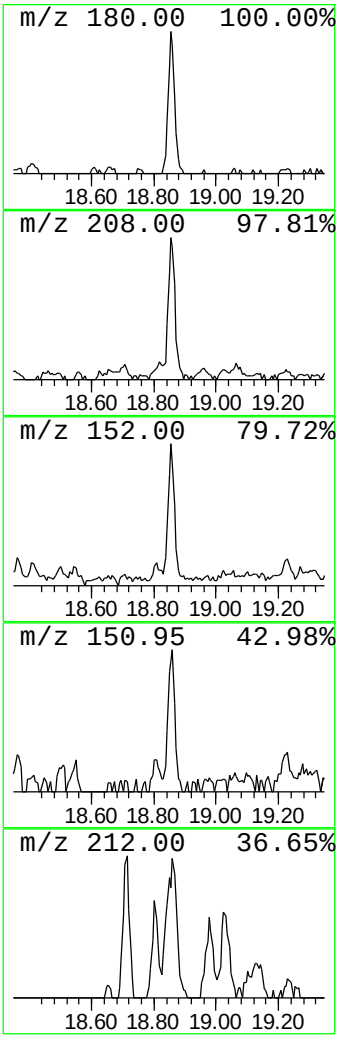
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.54 ng/ul	70056	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	74
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

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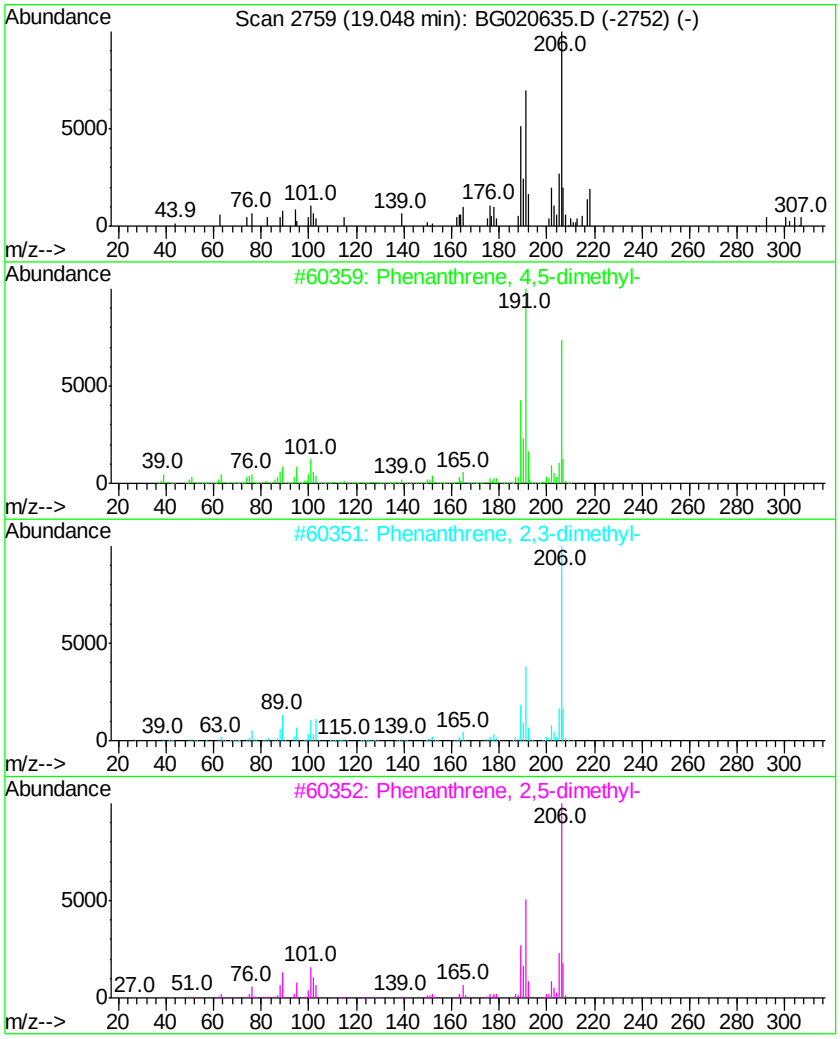
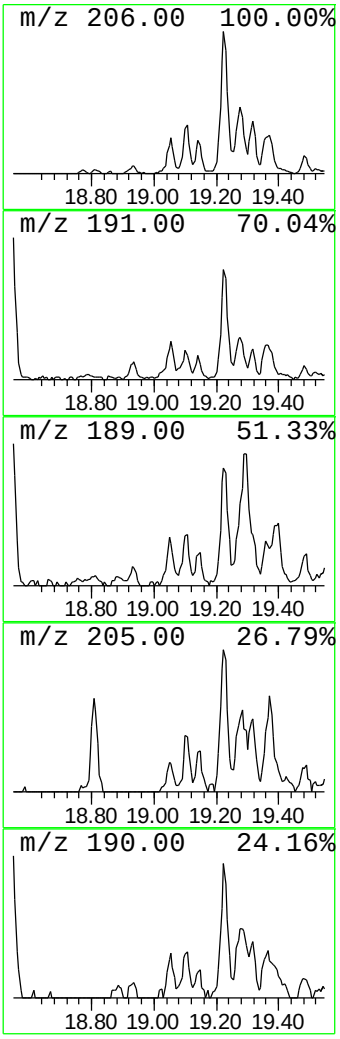
Peak Number 8 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.04 ng/ul	40386	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81





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Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

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Quant Title : SVOA CALIBRATION

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

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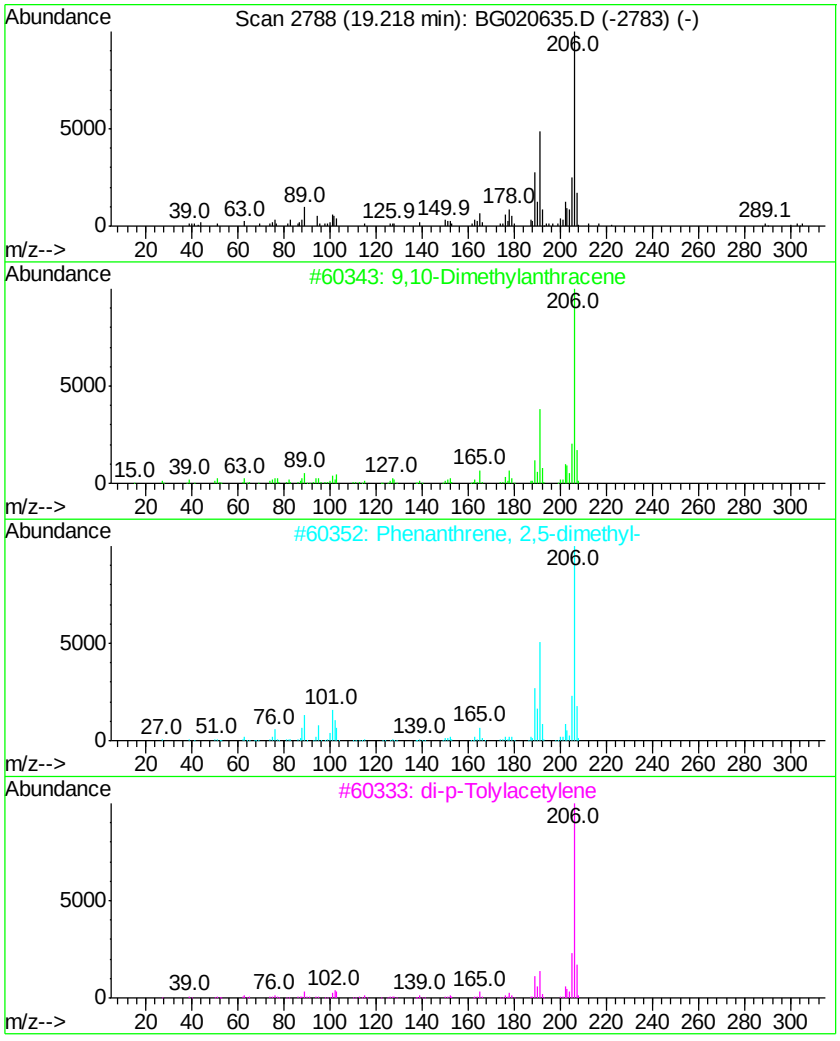
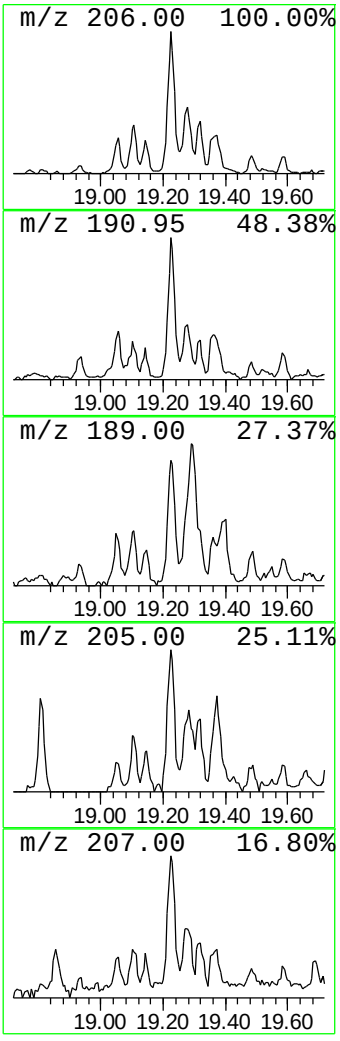
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	6.76 ng/ul	133921	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

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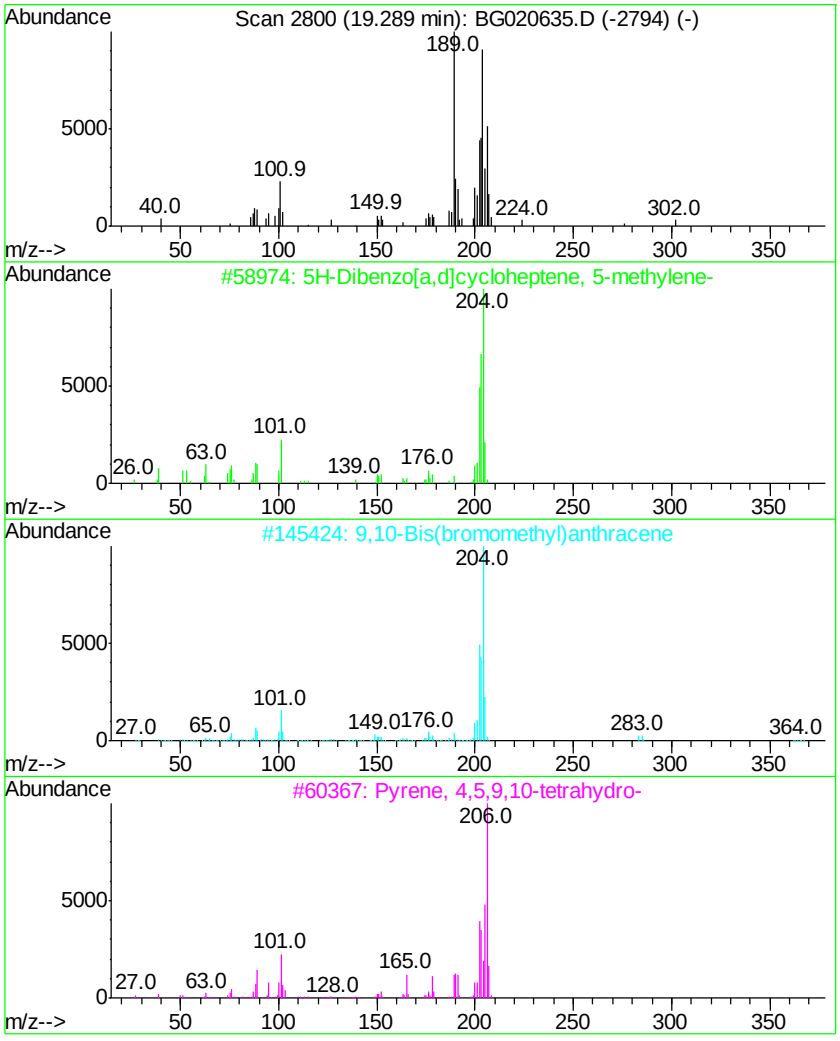
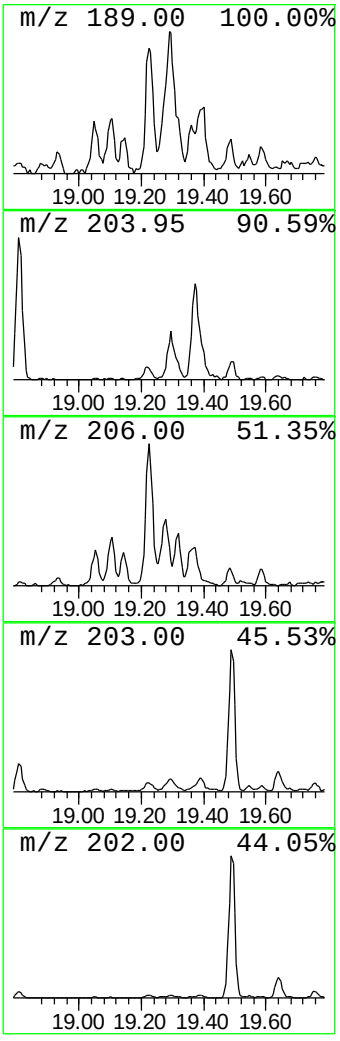
Peak Number 10 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.75 ng/ul	54521	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	86
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	35
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	35





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Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

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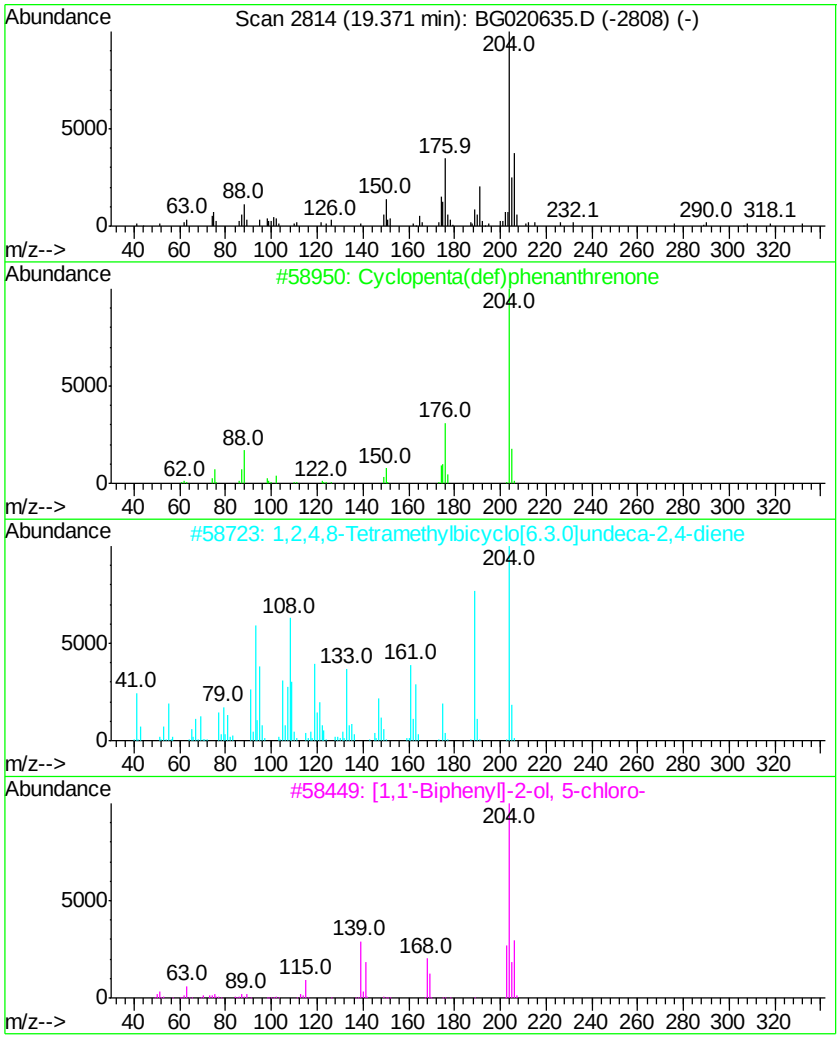
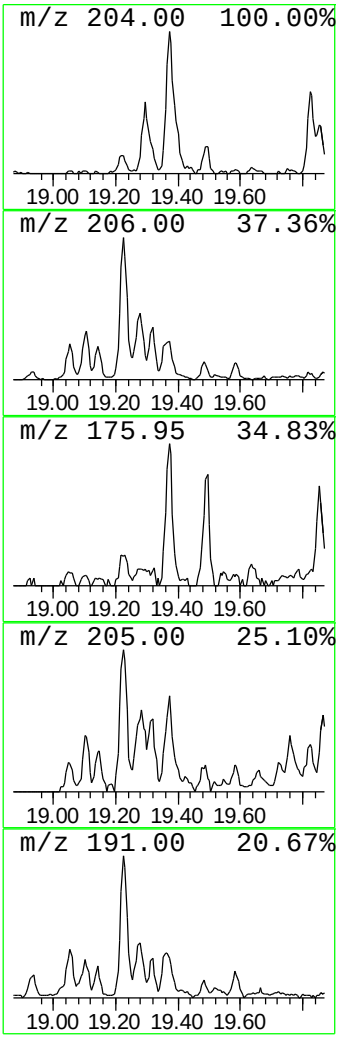
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	5.80 ng/ul	114845	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	46
5	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

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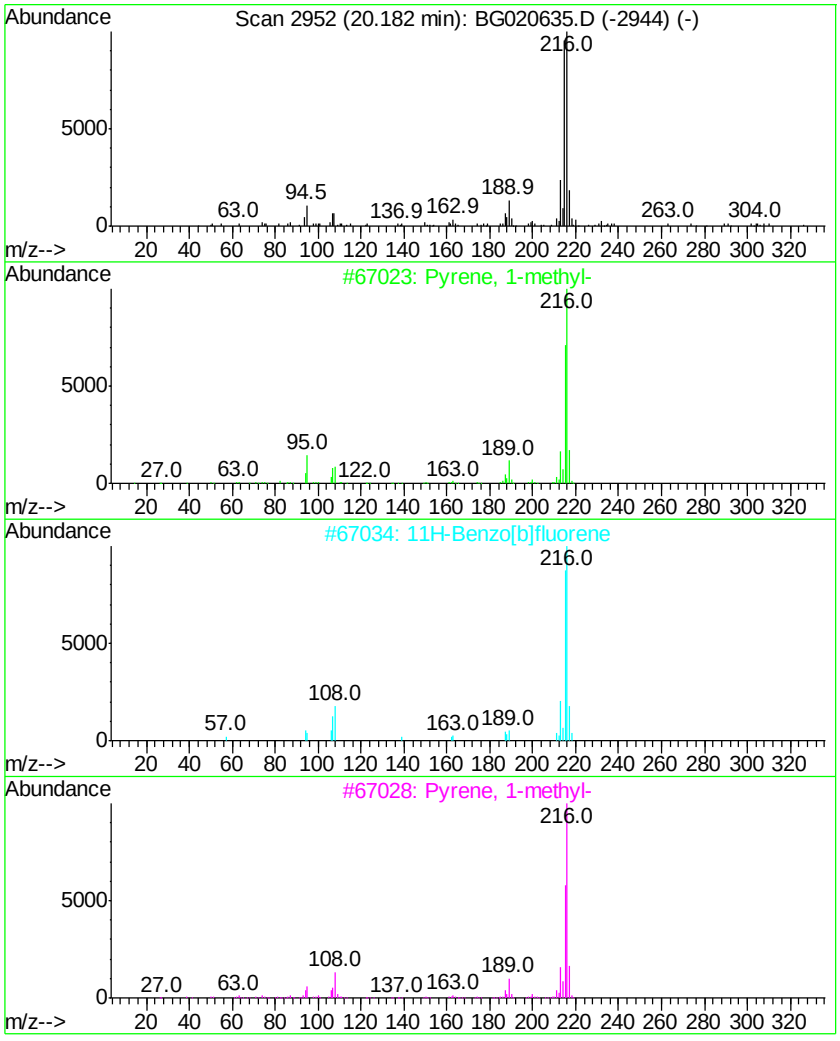
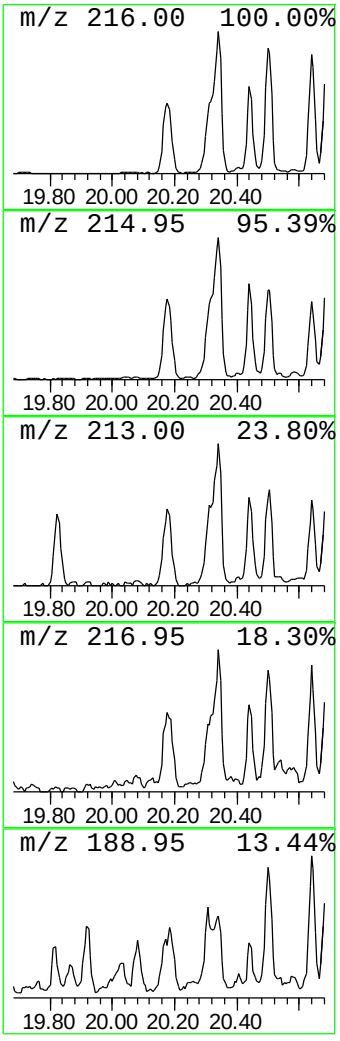
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	3.42 ng/ul	181599	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

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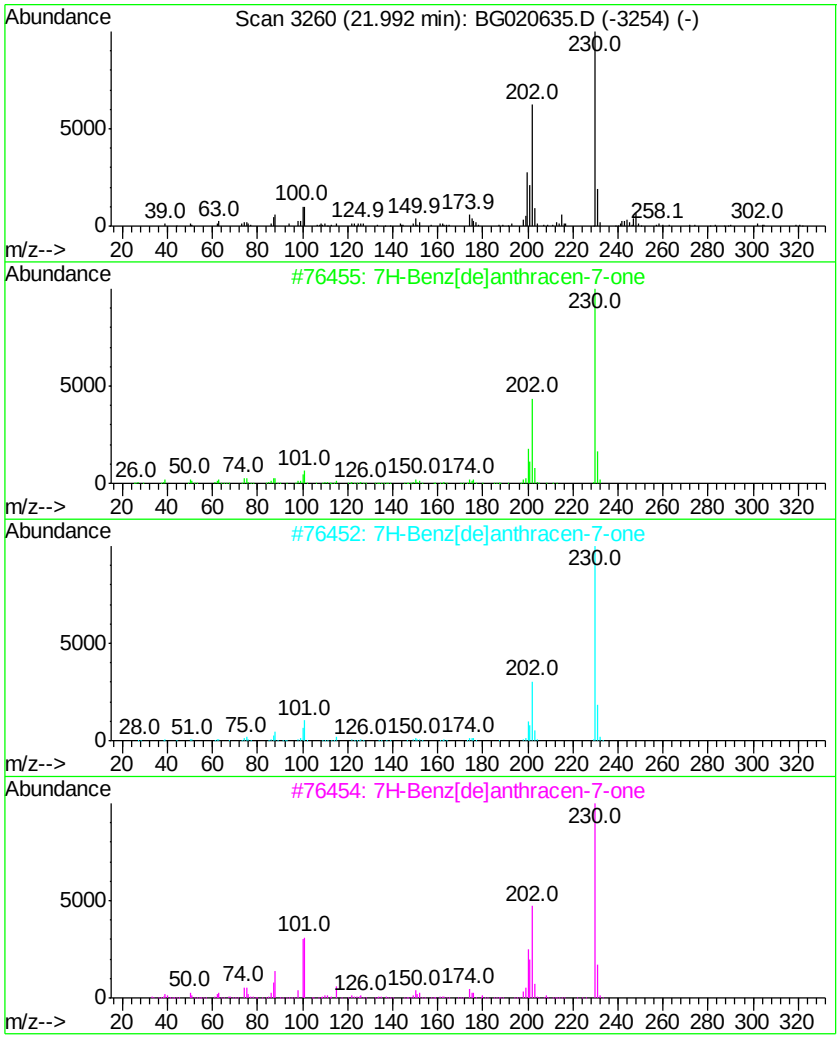
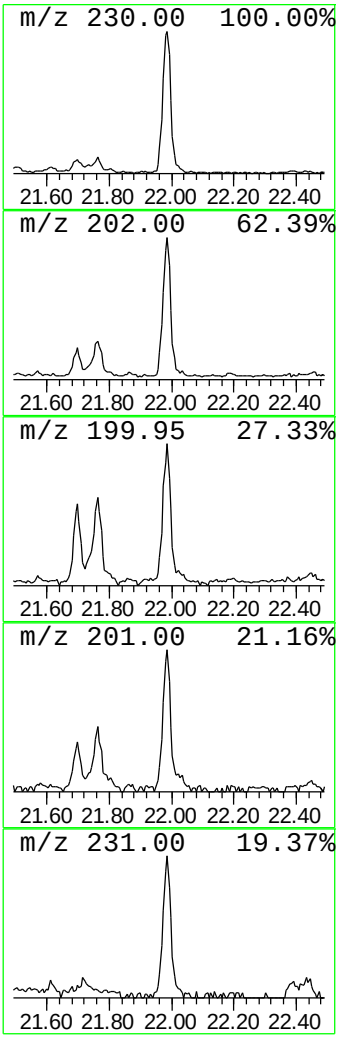
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	3.10 ng/ul	164795	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020635.D
Acq On : 31 Dec 2015 10:43
Operator : UM/SJ
Sample : G4802-15DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D90DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.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
unknown-01	3.08	2.4	ng/ul	13294	1	8.06	109021	20.0
Phenanthrene, 1-m...	18.31	5.9	ng/ul	116958	4	17.44	396203	20.0
4H-Cyclopenta[def...	18.51	10.3	ng/ul	204295	4	17.44	396203	20.0
Phenanthrene, 4-m...	18.55	4.7	ng/ul	92314	4	17.44	396203	20.0
Naphthalene, 2-ph...	18.81	3.7	ng/ul	73910	4	17.44	396203	20.0
9,10-Anthracenedione	18.85	3.5	ng/ul	70056	4	17.44	396203	20.0
Phenanthrene, 4,5...	19.05	2.0	ng/ul	40386	4	17.44	396203	20.0
9,10-Dimethylanth...	19.22	6.8	ng/ul	133921	4	17.44	396203	20.0
5H-Dibenzo[a,d]cy...	19.29	2.8	ng/ul	54521	4	17.44	396203	20.0
Cyclopenta(def)ph...	19.37	5.8	ng/ul	114845	4	17.44	396203	20.0
Pyrene, 1-methyl-	20.18	3.4	ng/ul	181599	5	21.72	1062610	20.0
7H-Benz[de]anthra...	21.99	3.1	ng/ul	164795	5	21.72	1062610	20.0