LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

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-BG121415.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	3.102	40	45	50	rBV3	6634	11355	1.02%	0.142%
2	8.084	887	893	902	rBV	67040	116004	10.44%	1.455%
3	8.625	980	985	992	rBB	6146	11362	1.02%	0.143%
4	10.899	1365	1372	1376	rBV	101443	181336	16.31%	2.274%
5	10.952	1376	1381	1389	rVV	201067	359101	32.31%	4.504%
6	11.069	1392	1401	1407	rVB2	4601	8985	0.81%	0.113%
7	12.550	1646	1653	1661	rBV	110189	177941	16.01%	2.232%
8	12.767	1679	1690	1697	rBB	52660	86342	7.77%	1.083%
9	13.549	1817	1823	1832	rBB	40943	60311	5.43%	0.756%
10	13.743	1851	1856	1867	rBB	12101	19873	1.79%	0.249%
11	13.878	1874	1879	1880	rBV	14869	20818	1.87%	0.261%
12	14.036	1900	1906	1911	rBV2	23241	41668	3.75%	0.523%
13	14.089	1911	1915	1924	rVV4	16300	34253	3.08%	0.430%
14	14.271	1941	1946	1950	rBV	8859	13268	1.19%	0.166%
15	14.412	1965	1970	1972	rBV	8147	13352	1.20%	0.167%
16	14.436	1972	1974	1980	rVB	12270	16418	1.48%	0.206%
17	14.718	2011	2022	2027	rBV2	184905	314015	28.25%	3.939%
18	14.783	2027	2033	2040	rVV	238045	371663	33.44%	4.662%
19	14.847	2040	2044	2050	rVV	9122	12256	1.10%	0.154%
20	14.918	2050	2056	2065	rVB3	3553	7610	0.68%	0.095%
21	15.023	2067	2074	2080	rBV2	6762	11324	1.02%	0.142%
22	15.112	2083	2089	2097	rBV	157064	245133	22.05%	3.075%
23	15.182	2097	2101	2105	rVB	4725	6971	0.63%	0.087%
24	15.323	2120	2125	2130	rVB3	4179	6300	0.57%	0.079%
25	15.382	2131	2135	2141	rBV2	3718	5598	0.50%	0.070%
26	15.493	2149	2154	2158	rBV2	3049	5472	0.49%	0.069%
27	15.705	2186	2190	2194	rVV	13349	19004	1.71%	0.238%
28	15.758	2194	2199	2208	rVV	212147	334417	30.08%	4.195%
29	15.858	2211	2216	2217	rVV	8215	11215	1.01%	0.141%
30	15.881	2217	2220	2223	rVV	14390	21174	1.90%	0.266%
31	15.922	2223	2227	2232	rVV2	26593	40703	3.66%	0.511%
32	15.975	2232	2236	2238	rVV2	4784	7703	0.69%	0.097%
33	16.010	2238	2242	2245	rVV2	11502	18426	1.66%	0.231%
34	16.052	2245	2249	2256	rVB2	29037	42979	3.87%	0.539%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

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-BG121415.M
Title : SVOA CALIBRATION

35	16.198	2265	2274	2283	rVV	33059	64002	5.76%	0.803%
36	16.293	2286	2290	2295	rVB2	3790	6265	0.56%	0.079%
37	16.551	2330	2334	2340	rBB2	13885	20348	1.83%	0.255%
38	16.763	2358	2370	2375	rVV2	21819	44072	3.96%	0.553%
39	16.815	2375	2379	2385	rVV5	7907	13763	1.24%	0.173%
40	16.909	2389	2395	2401	rVB4	8624	14932	1.34%	0.187%
41	16.986	2401	2408	2411	rBV5	6412	13675	1.23%	0.172%
42	17.027	2411	2415	2419	rVV4	8744	13886	1.25%	0.174%
43	17.115	2425	2430	2436	rVB5	3792	7521	0.68%	0.094%
44	17.186	2437	2442	2450	rBV4	9306	21885	1.97%	0.275%
45	17.280	2452	2458	2467	rVB	47262	71556	6.44%	0.898%
46	17.462	2481	2489	2492	rBV	250641	384331	34.58%	4.821%
47	17.509	2492	2497	2503	rVV	731283	1111574	100.00%	13.942%
48	17.562	2503	2506	2508	rVV	22022	29226	2.63%	0.367%
49	17.597	2508	2512	2517	rVV	40917	61932	5.57%	0.777%
50	17.861	2551	2557	2567	rBV	26301	44646	4.02%	0.560%
51	17.979	2572	2577	2582	rBV2	9946	14813	1.33%	0.186%
52	18.038	2584	2587	2596	rVB5	3228	6598	0.59%	0.083%
53	18.184	2608	2612	2619	rVB3	4136	7504	0.68%	0.094%
54	18.331	2632	2637	2642	rBV	40015	60799	5.47%	0.763%
55	18.384	2642	2646	2653	rVB	57882	83117	7.48%	1.043%
56	18.461	2653	2659	2664	rBV	15850	24808	2.23%	0.311%
57	18.531	2664	2671	2675	rBV2	85580	141071	12.69%	1.769%
58	18.831	2716	2722	2726	rVV	34750	49536	4.46%	0.621%
59	18.866	2727	2728	2734	rVB2	3881	5327	0.48%	0.067%
60	19.072	2758	2763	2767	rBV4	5114	6689	0.60%	0.084%
61	19.242	2786	2792	2797	rBV2	9265	18308	1.65%	0.230%
62	19.313	2799	2804	2811	rVB6	6313	13990	1.26%	0.175%
63	19.512	2831	2838	2844	rBV	428721	628182	56.51%	7.879%
64	19.565	2844	2847	2850	rVV2	4564	6910	0.62%	0.087%
65	19.600	2850	2853	2857	rVV2	6437	7966	0.72%	0.100%
66	19.753	2873	2879	2887	rVB	11040	18874	1.70%	0.237%
67	19.841	2887	2894	2895	rBV2	85305	121077	10.89%	1.519%
68	19.871	2895	2899	2907	rVV	270843	401115	36.09%	5.031%
69	19.935	2907	2910	2918	rVB2	12201	18004	1.62%	0.226%
70	20.047	2925	2929	2935	rVB	13239	18994	1.71%	0.238%
71	20.194	2947	2954	2960	rBV5	11893	29149	2.62%	0.366%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

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-BG121415.M
Title : SVOA CALIBRATION

72	20.247	2960	2963	2969	rVB	5931	7659	0.69%	0.096%
73	20.358	2969	2982	2987	rBV	49366	78635	7.07%	0.986%
74	20.458	2992	2999	3003	rBV	53385	76496	6.88%	0.959%
75	20.517	3003	3009	3012	rVV2	14216	27975	2.52%	0.351%
76	20.552	3012	3015	3019	rVV2	8145	12379	1.11%	0.155%
77	20.593	3019	3022	3027	rVB2	4870	7228	0.65%	0.091%
78	20.658	3027	3033	3036	rBV	6256	8811	0.79%	0.111%
79	20.699	3036	3040	3044	rVV3	7242	11875	1.07%	0.149%
80	20.881	3068	3071	3080	rBV5	5490	10178	0.92%	0.128%
81	21.081	3100	3105	3110	rBV2	4480	8381	0.75%	0.105%
82	21.128	3110	3113	3118	rVB4	2966	5015	0.45%	0.063%
83	21.310	3139	3144	3147	rBV2	10502	14324	1.29%	0.180%
84	21.351	3147	3151	3155	rVB2	10290	14848	1.34%	0.186%
85	21.404	3155	3160	3165	rBV2	9375	17316	1.56%	0.217%
86	21.733	3206	3216	3221	rVV2	331110	637122	57.32%	7.991%
87	21.780	3221	3224	3232	rVB	48564	75259	6.77%	0.944%
88	21.933	3245	3250	3257	rVV	11755	21329	1.92%	0.268%
89	22.144	3282	3286	3294	rVB4	4392	8895	0.80%	0.112%
90	22.468	3337	3341	3347	rBV3	4096	7475	0.67%	0.094%
91	23.220	3462	3469	3473	rVV6	5114	10648	0.96%	0.134%
92	23.960	3587	3595	3602	rBV3	14227	44476	4.00%	0.558%
93	24.019	3602	3605	3614	rVB4	12293	25830	2.32%	0.324%
94	24.694	3714	3720	3725	rBV3	5963	13609	1.22%	0.171%
95	24.771	3728	3733	3738	rVV4	7615	15606	1.40%	0.196%
96	24.841	3739	3745	3752	rVB	8298	18102	1.63%	0.227%
97	25.000	3761	3772	3787	rBV	167339	479401	43.13%	6.013%
98	26.128	3957	3964	3968	rBV6	7009	16838	1.51%	0.211%
99	27.497	4189	4197	4208	rVB6	7597	26445	2.38%	0.332%
100	29.136	4468	4476	4478	rBV5	4912	9697	0.87%	0.122%

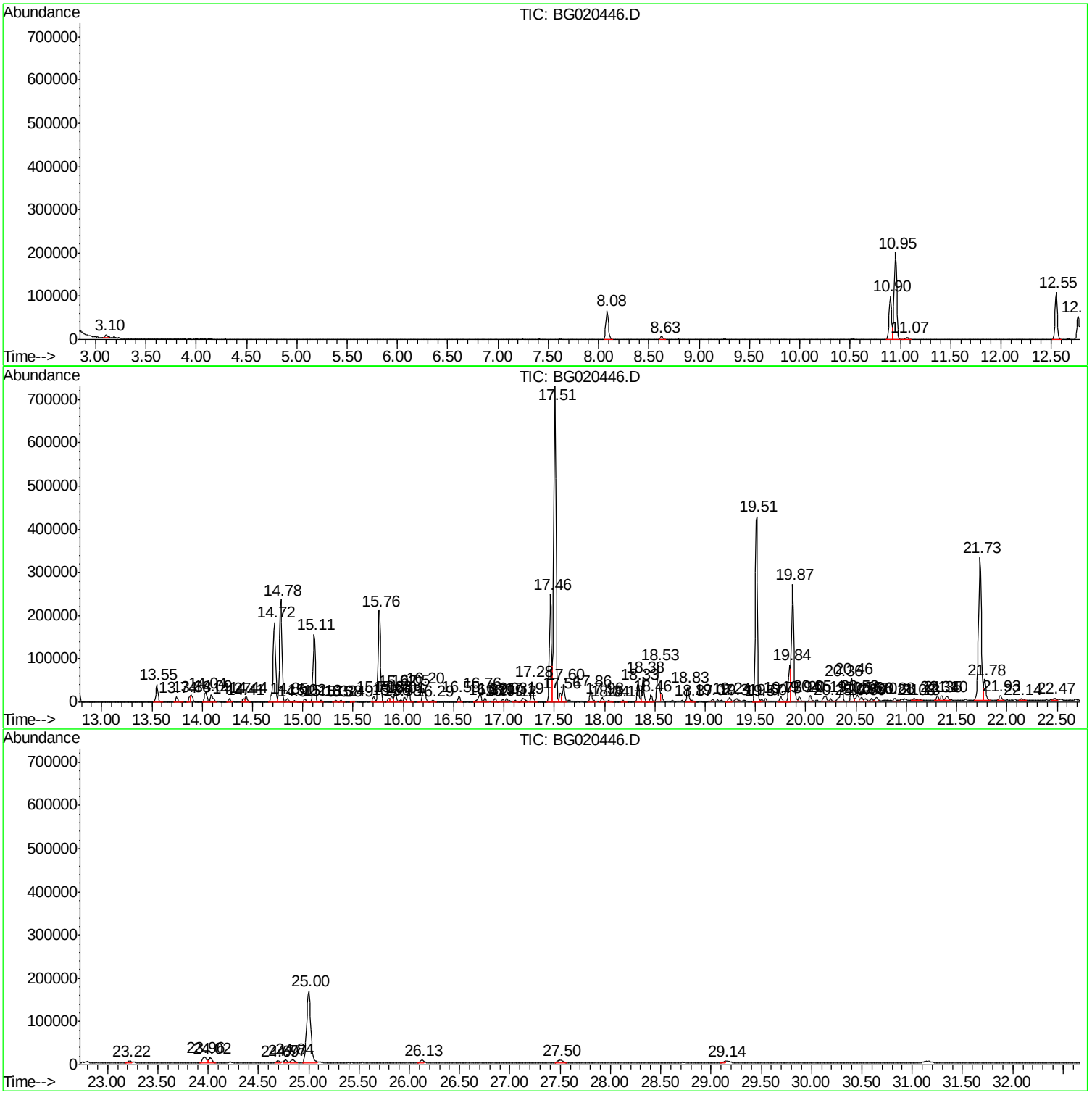
Sum of corrected areas: 7972647

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

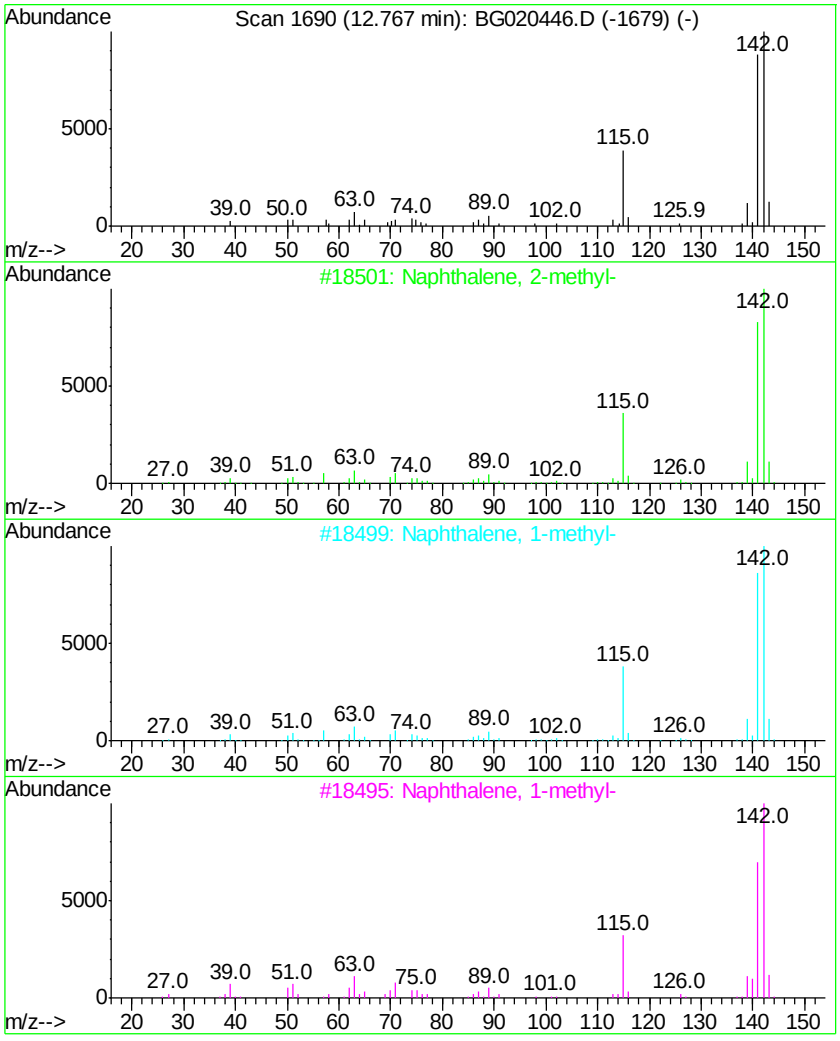
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

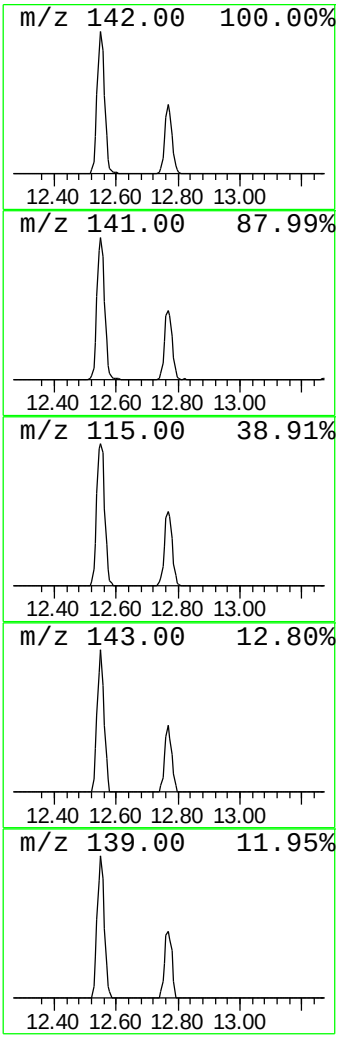
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	9.52 ng/ul	86342	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

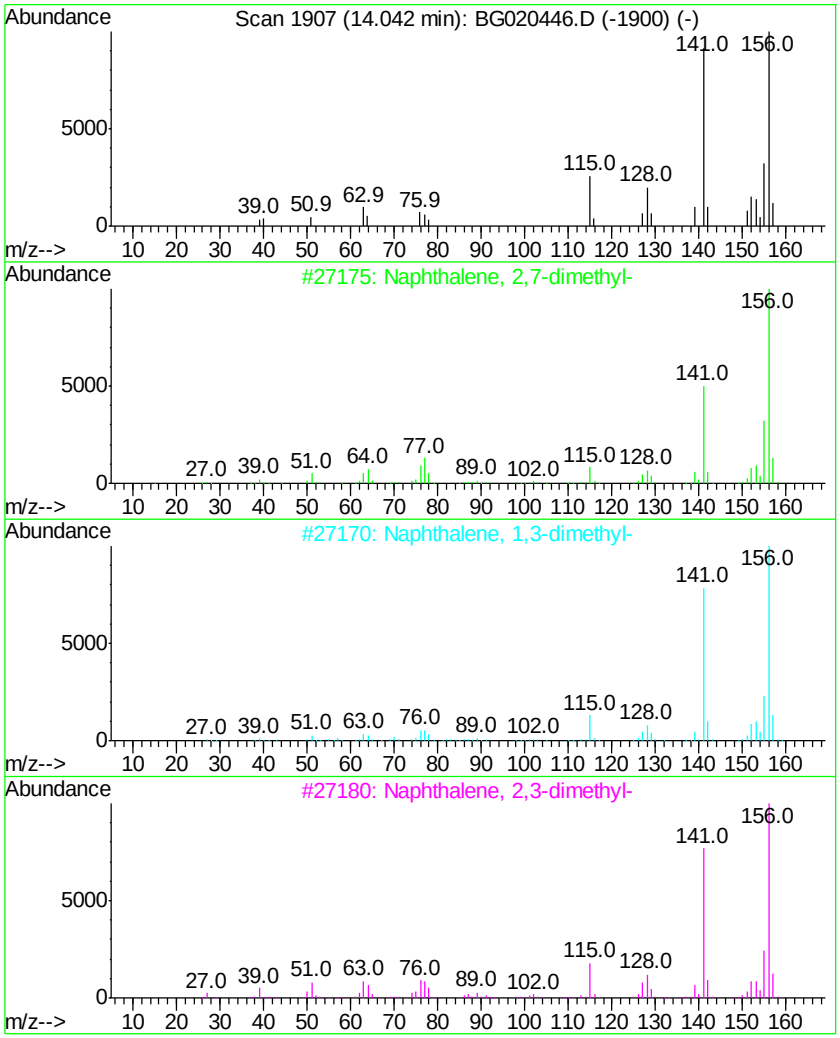
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

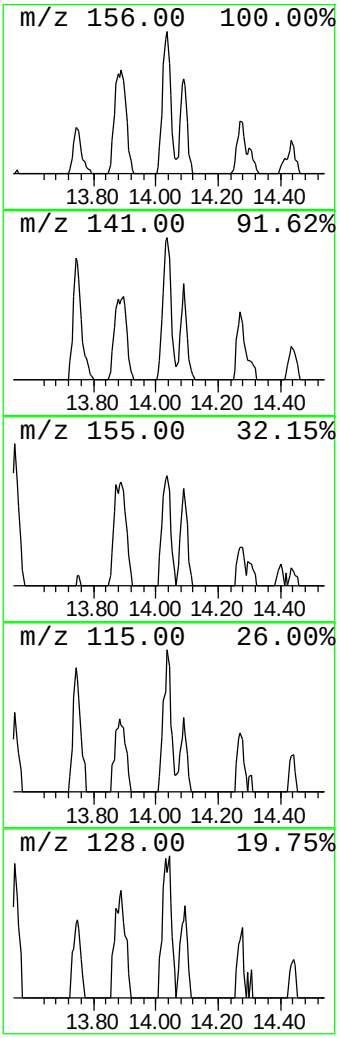
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.65 ng/ul	41668	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

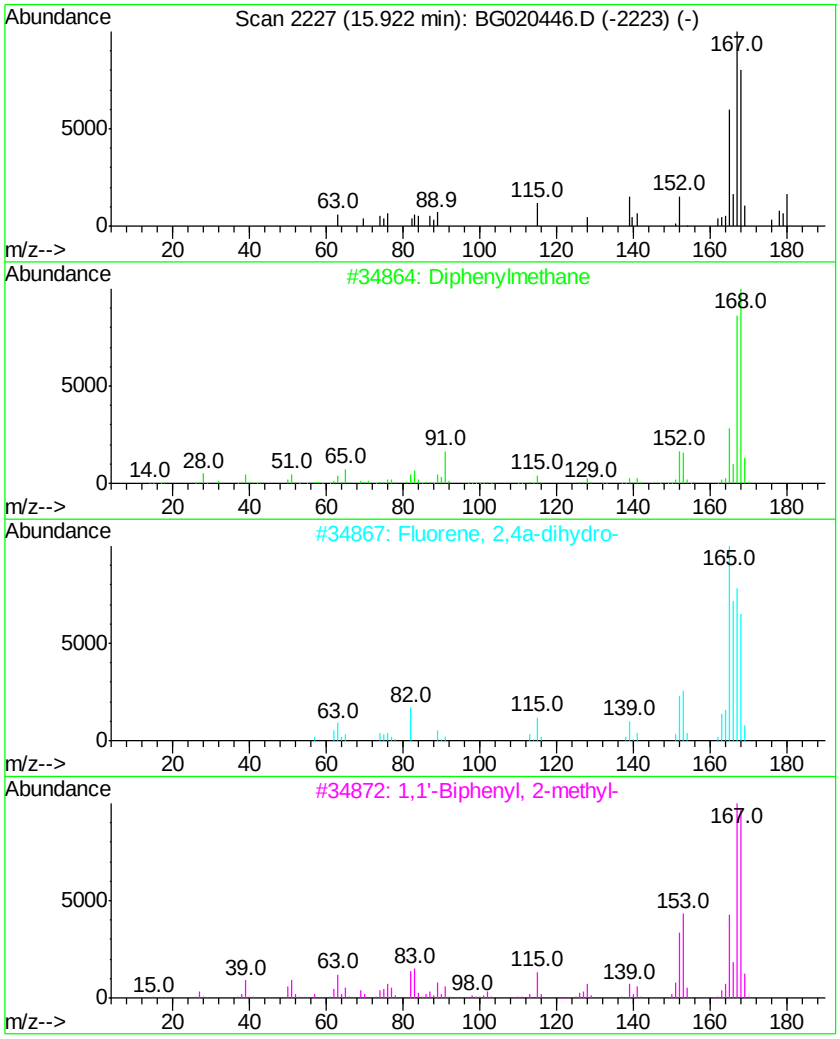
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

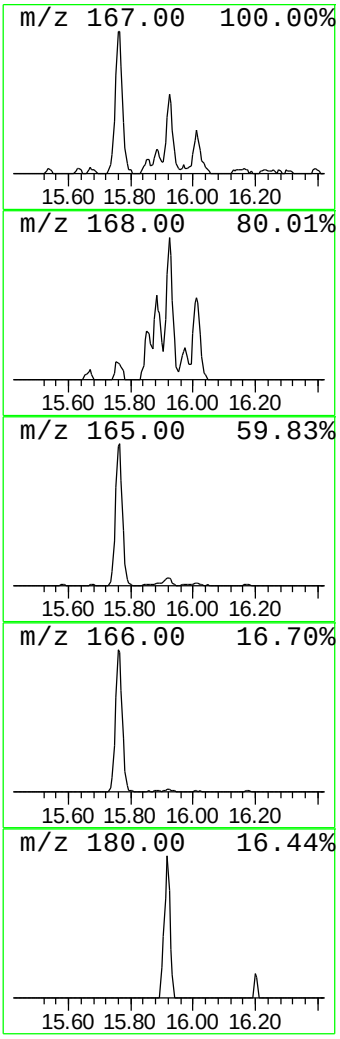
****

Peak Number 3 Diphenylmethane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.59 ng/ul	40703	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	64
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	62
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
5	Diphenylmethane	168	C13H12	000101-81-5	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

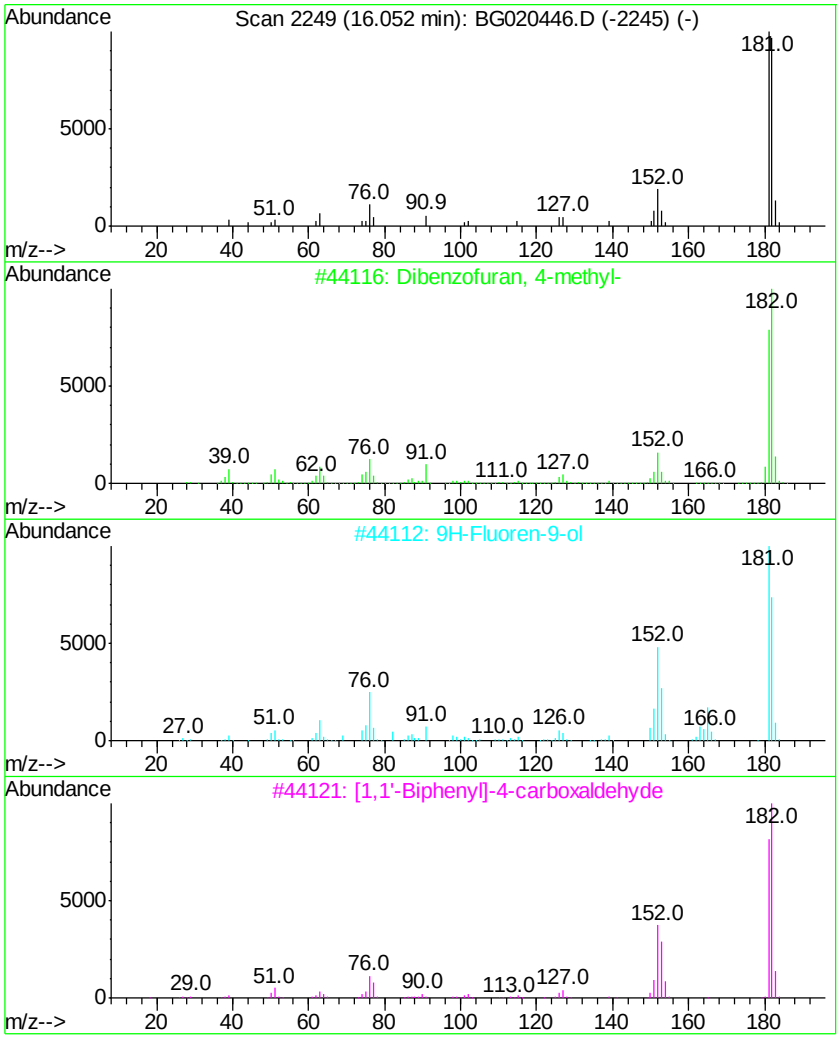
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

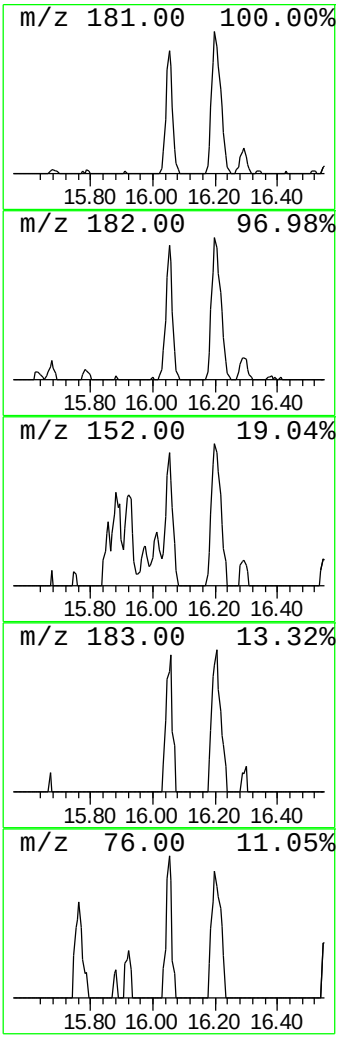
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	2.74 ng/ul	42979	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

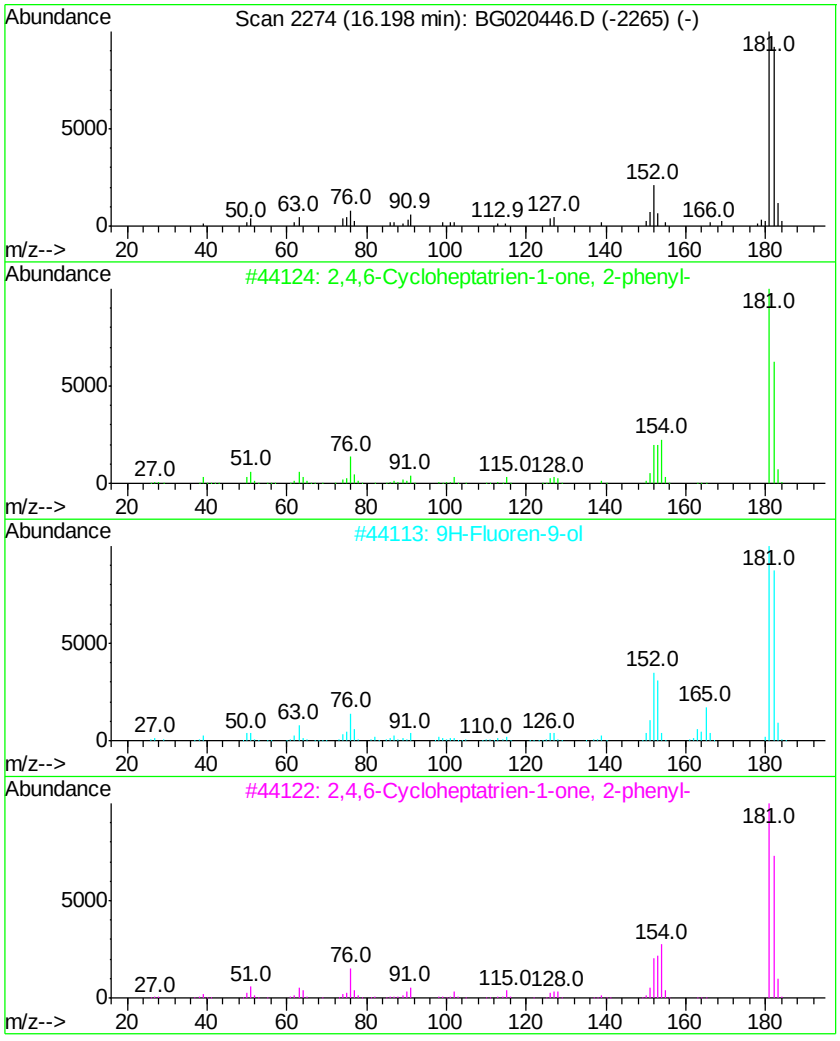
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

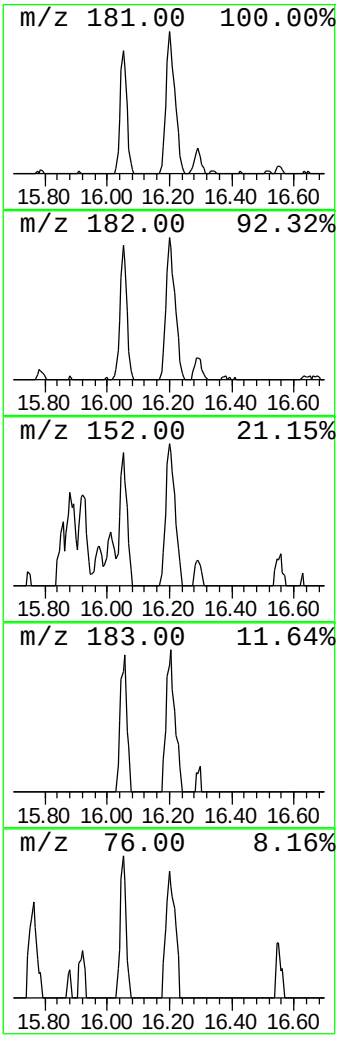
****

Peak Number 5 2,4,6-Cycloheptatrien-1-one... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	3.33 ng/ul	64002	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
4	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

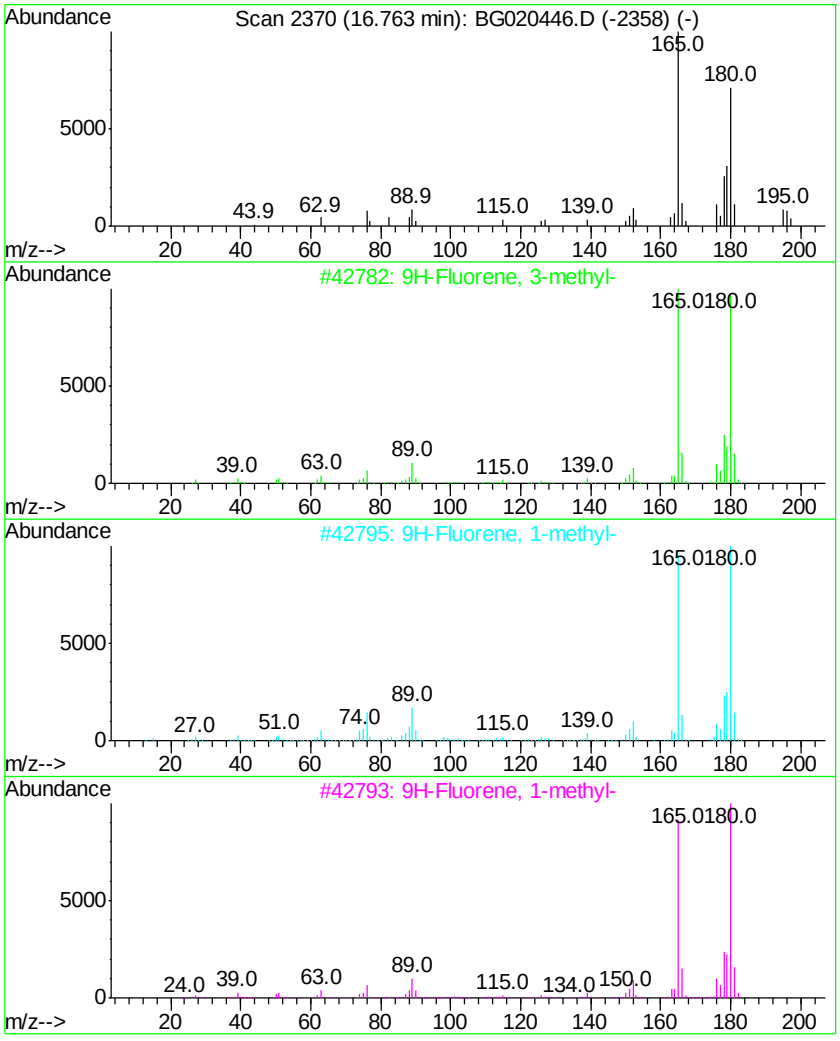
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

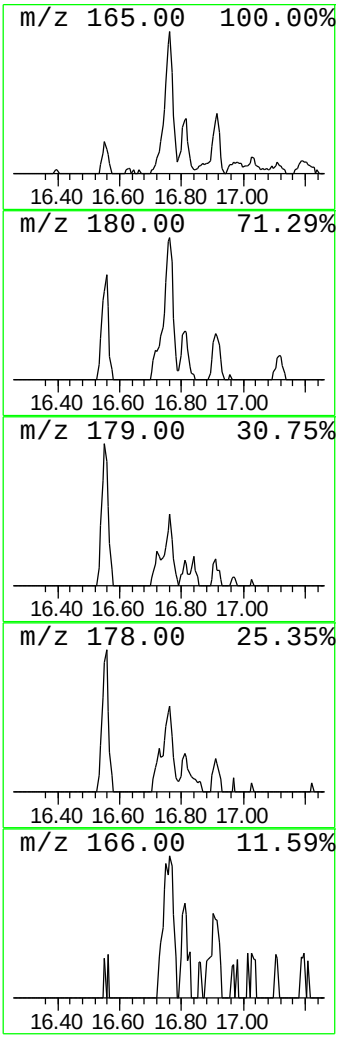
****

Peak Number 6 9H-Fluorene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.29 ng/ul	44072	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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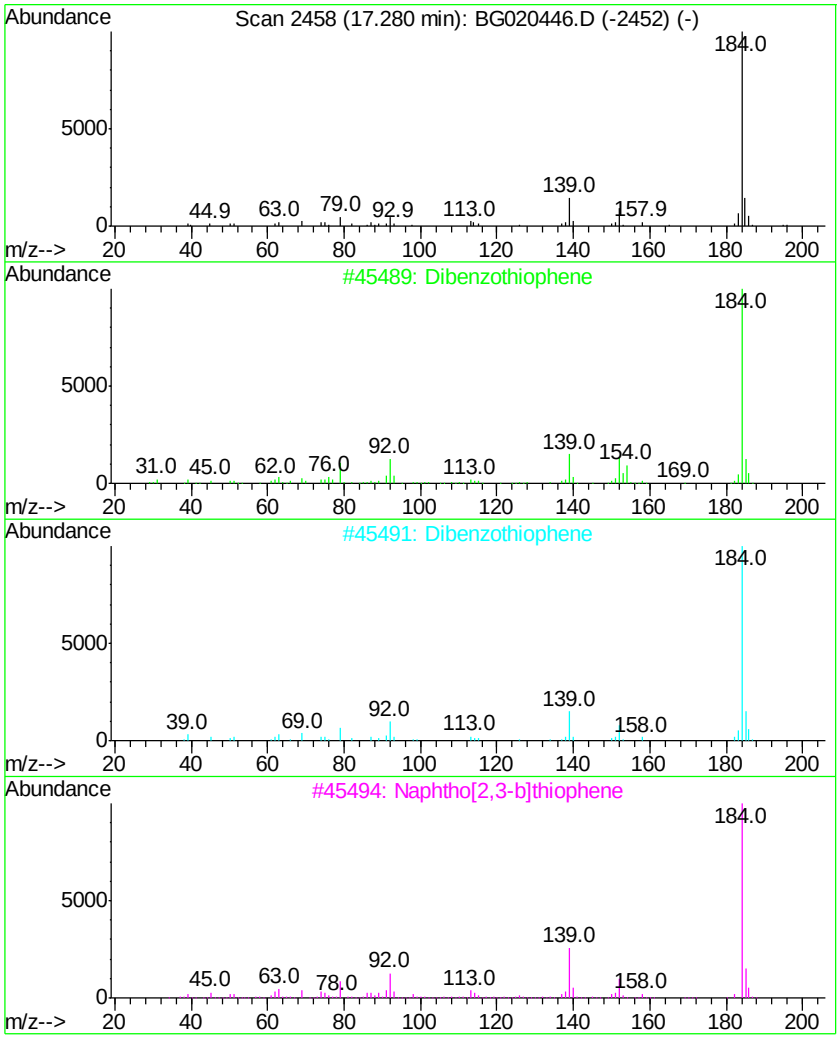
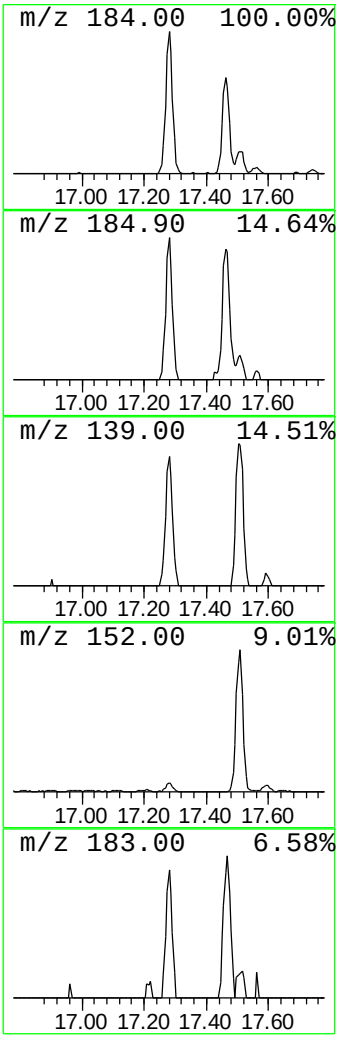
Peak Number 7 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	3.72 ng/ul	71556	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Library Search Compound Report

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Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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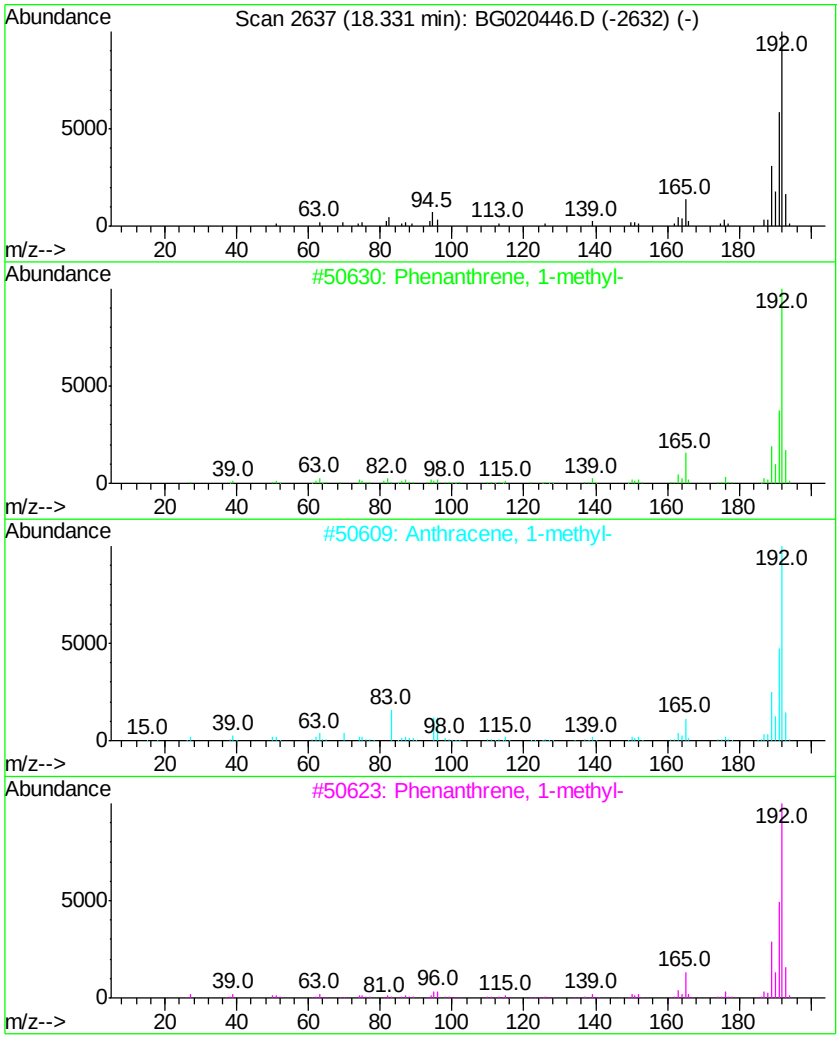
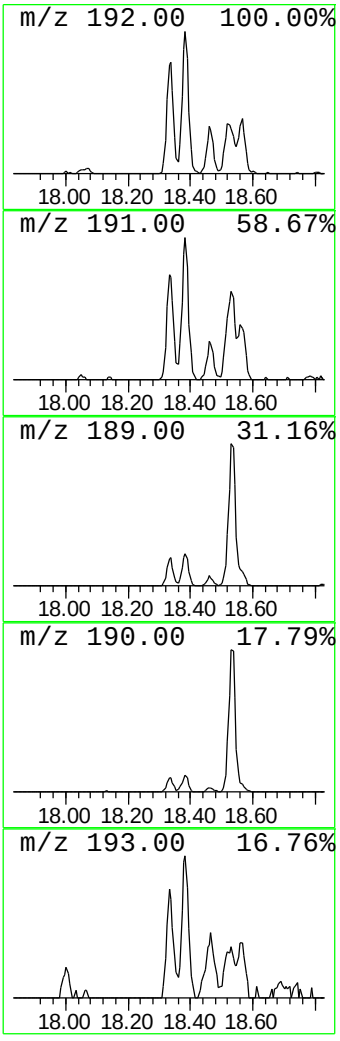
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.16 ng/ul	60799	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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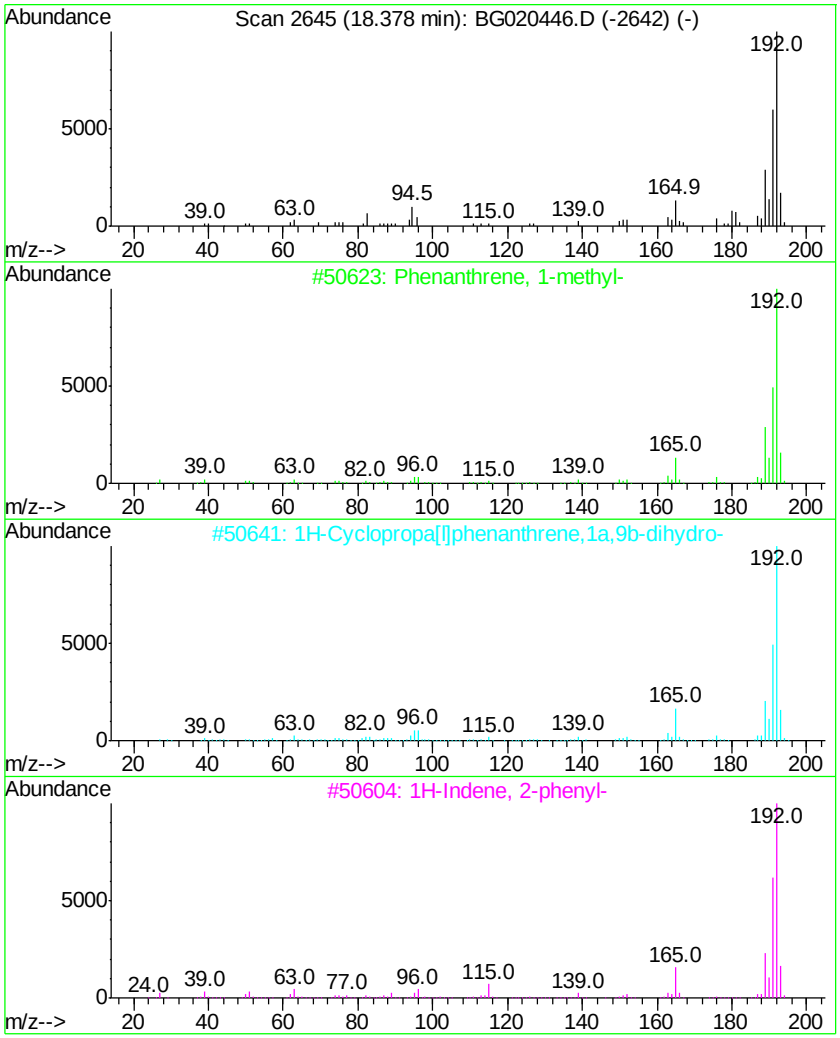
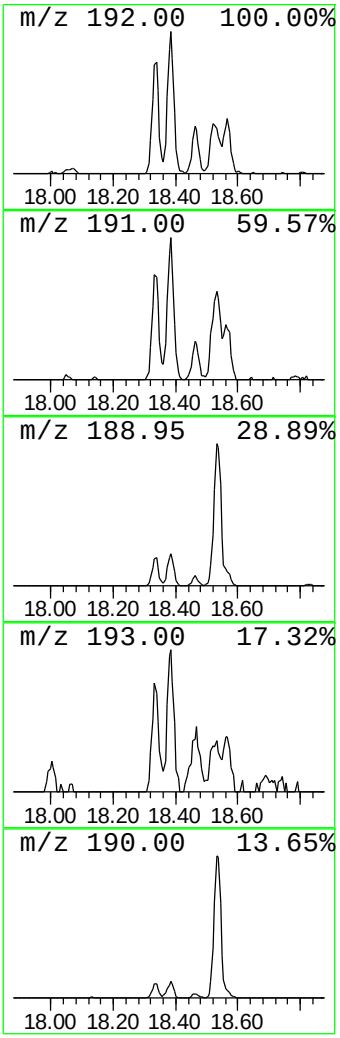
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.33 ng/ul	83117	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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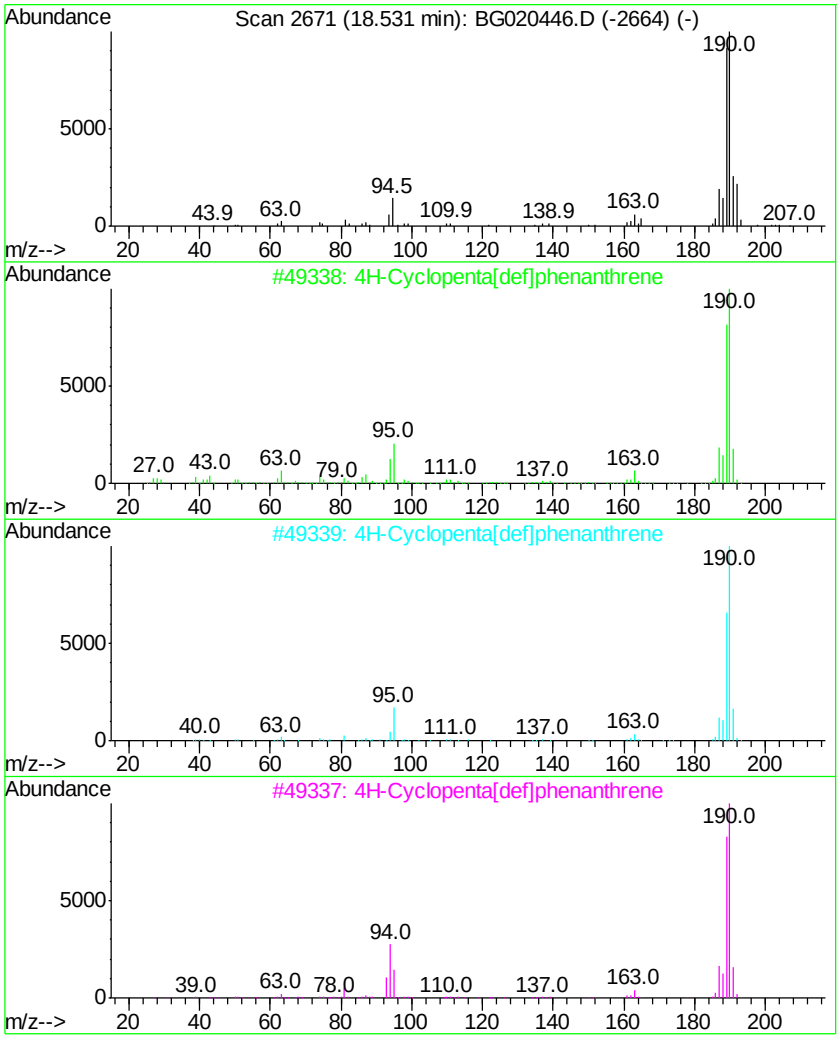
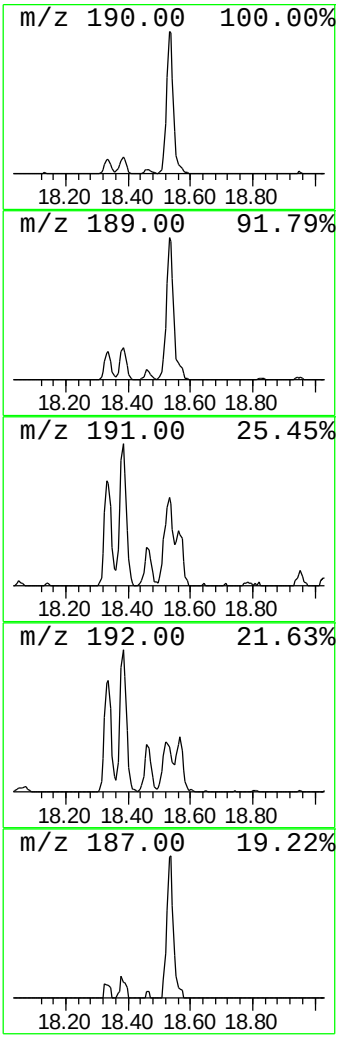
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	7.34 ng/ul	141071	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.58 ng/ul	49536	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
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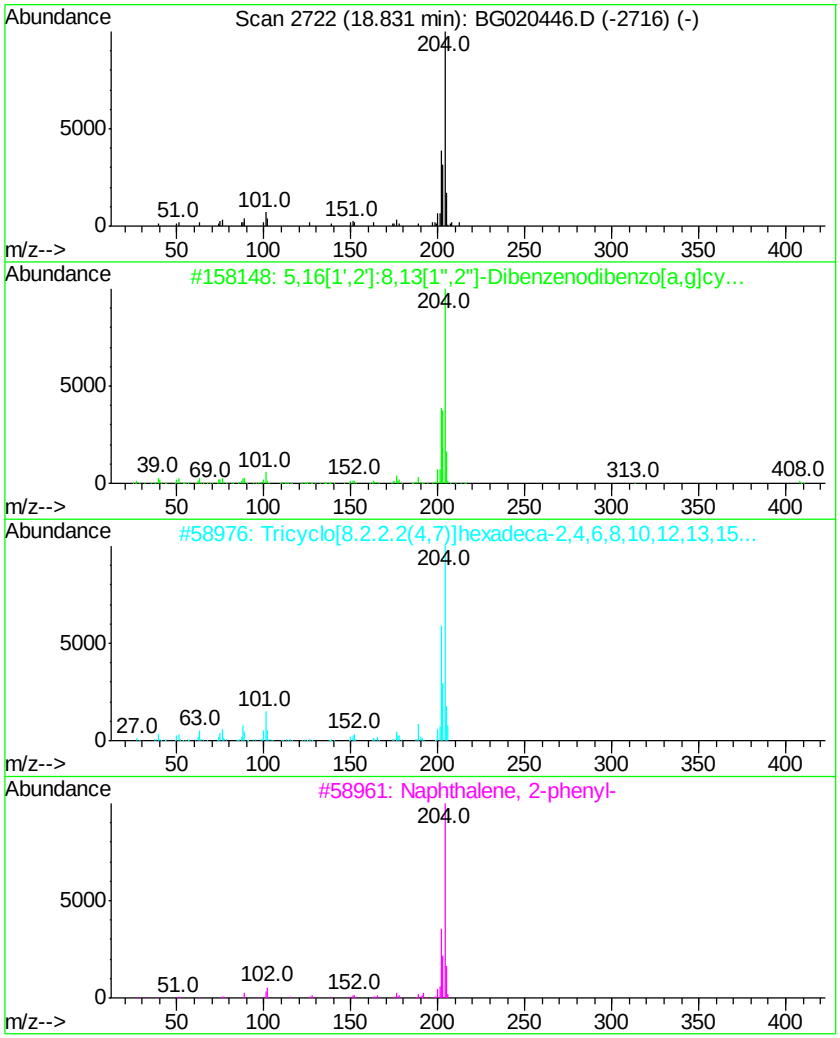

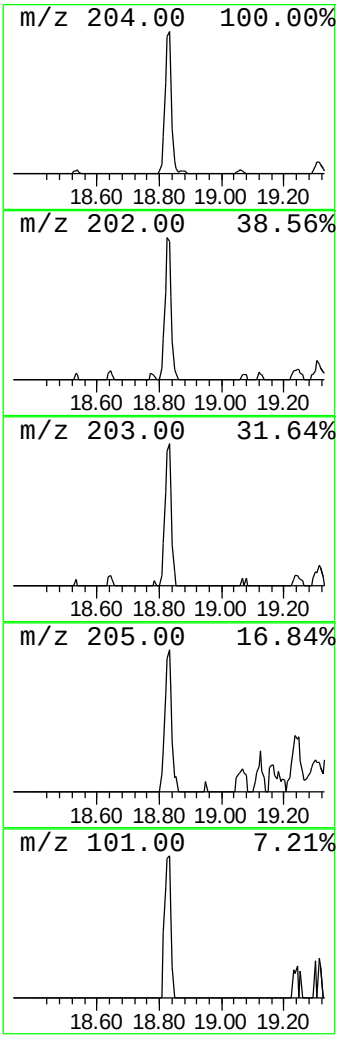

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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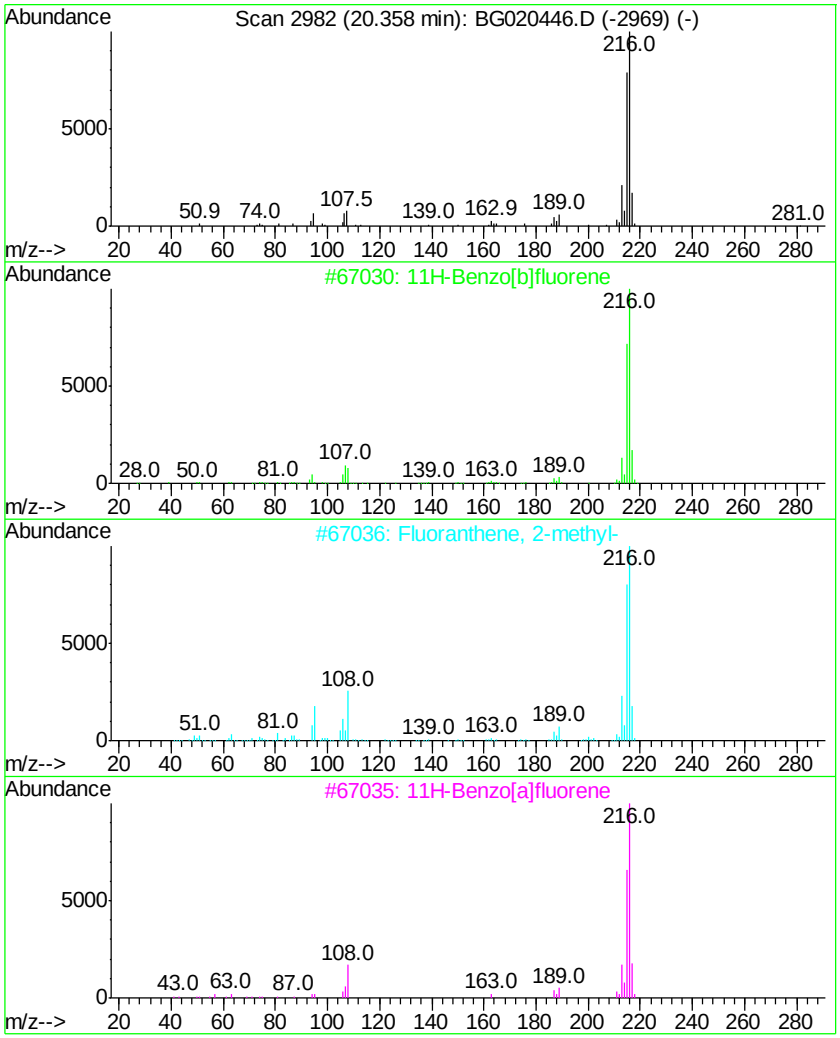
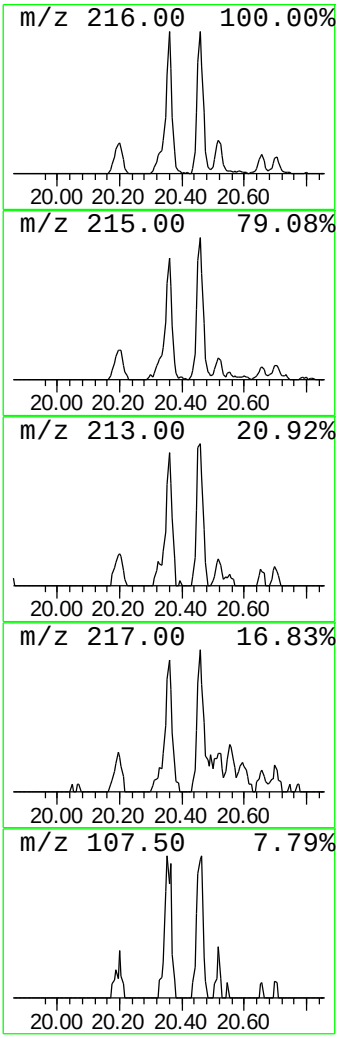
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.47 ng/ul	78635	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020446.D
Acq On : 23 Dec 2015 16:48
Operator : UM/SJ
Sample : G4848-02DL 25X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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
Naphthalene, 1-me...	12.77	9.5	ng/ul	86342	2	10.90	181336	20.0
Naphthalene, 2,7-...	14.04	2.6	ng/ul	41668	3	14.72	314015	20.0
Diphenylmethane	15.92	2.6	ng/ul	40703	3	14.72	314015	20.0
Dibenzofuran, 4-m...	16.05	2.7	ng/ul	42979	3	14.72	314015	20.0
2,4,6-Cycloheptat...	16.20	3.3	ng/ul	64002	4	17.46	384331	20.0
9H-Fluorene, 3-me...	16.76	2.3	ng/ul	44072	4	17.46	384331	20.0
Dibenzothiophene	17.28	3.7	ng/ul	71556	4	17.46	384331	20.0
Phenanthrene, 1-m...	18.33	3.2	ng/ul	60799	4	17.46	384331	20.0
1H-Cyclopropa[l]p...	18.38	4.3	ng/ul	83117	4	17.46	384331	20.0
4H-Cyclopenta[def...	18.53	7.3	ng/ul	141071	4	17.46	384331	20.0
5,16[1',2']:8,13[...	18.83	2.6	ng/ul	49536	4	17.46	384331	20.0
11H-Benzo[b]fluorene	20.36	2.5	ng/ul	78635	5	21.73	637122	20.0