LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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	3.116	42	47	55	rVB2	7351	14576	2.05%	0.281%
2	3.192	57	60	65	rVB5	1764	2628	0.37%	0.051%
3	8.092	887	894	901	rBV	56575	94325	13.26%	1.819%
4	8.633	979	986	992	rBB2	5526	8701	1.22%	0.168%
5	10.907	1366	1373	1377	rBV	78839	145545	20.45%	2.807%
6	10.960	1377	1382	1391	rVB	144711	257986	36.26%	4.976%
7	11.083	1397	1403	1408	rVB	2846	5029	0.71%	0.097%
8	12.558	1647	1654	1664	rBB	69638	115276	16.20%	2.223%
9	12.775	1684	1691	1700	rVB	33171	54297	7.63%	1.047%
10	13.556	1818	1824	1830	rBB	24848	36573	5.14%	0.705%
11	13.756	1851	1858	1865	rBB	6395	10333	1.45%	0.199%
12	13.891	1875	1881	1888	rBB4	8728	22033	3.10%	0.425%
13	14.044	1900	1907	1912	rBV2	13266	22771	3.20%	0.439%
14	14.097	1912	1916	1924	rVV3	8780	17710	2.49%	0.342%
15	14.279	1942	1947	1951	rBV3	4797	7290	1.02%	0.141%
16	14.420	1965	1971	1973	rBV	4524	7158	1.01%	0.138%
17	14.444	1973	1975	1981	rVB2	6927	9331	1.31%	0.180%
18	14.726	2012	2023	2028	rBV2	128795	226682	31.86%	4.372%
19	14.784	2028	2033	2040	rVV	150603	232927	32.74%	4.492%
20	14.849	2040	2044	2051	rVB	5972	9690	1.36%	0.187%
21	14.925	2051	2057	2066	rBB2	1915	4906	0.69%	0.095%
22	15.031	2067	2075	2083	rBB3	4094	6770	0.95%	0.131%
23	15.119	2083	2090	2098	rBV	100008	155299	21.83%	2.995%
24	15.190	2098	2102	2107	rVB2	2496	3586	0.50%	0.069%
25	15.337	2120	2127	2132	rBB2	2325	3680	0.52%	0.071%
26	15.390	2132	2136	2139	rBB2	1811	2356	0.33%	0.045%
27	15.713	2187	2191	2194	rVV	6758	9087	1.28%	0.175%
28	15.766	2194	2200	2207	rVV2	134705	210294	29.55%	4.056%
29	15.860	2212	2216	2218	rVV2	5210	6977	0.98%	0.135%
30	15.889	2218	2221	2224	rVV2	8088	11785	1.66%	0.227%
31	15.930	2224	2228	2233	rVV2	14615	22334	3.14%	0.431%
32	15.977	2233	2236	2239	rVV	3149	4403	0.62%	0.085%
33	16.018	2239	2243	2246	rVV2	6861	10045	1.41%	0.194%
34	16.059	2246	2250	2257	rVB	16274	23231	3.26%	0.448%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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	16.206	2266	2275	2285	rBV	17890	36344	5.11%	0.701%
36	16.300	2287	2291	2299	rVB2	3035	4536	0.64%	0.087%
37	16.559	2331	2335	2339	rVB	8618	11972	1.68%	0.231%
38	16.770	2360	2371	2375	rBV3	11972	25344	3.56%	0.489%
39	16.823	2375	2380	2385	rVB3	3191	5259	0.74%	0.101%
40	16.917	2391	2396	2401	rVB5	4554	7815	1.10%	0.151%
41	16.994	2401	2409	2412	rBV4	3558	7803	1.10%	0.150%
42	17.035	2412	2416	2420	rBV3	4176	5136	0.72%	0.099%
43	17.123	2426	2431	2437	rVB2	2423	4385	0.62%	0.085%
44	17.199	2437	2444	2445	rBV3	4939	8240	1.16%	0.159%
45	17.287	2452	2459	2467	rVB	30898	44681	6.28%	0.862%
46	17.470	2483	2490	2493	rBV	179744	288482	40.54%	5.564%
47	17.511	2493	2497	2503	rVV	483497	711541	100.00%	13.723%
48	17.564	2503	2506	2509	rVV2	12929	22669	3.19%	0.437%
49	17.599	2509	2512	2517	rVV	28470	41505	5.83%	0.801%
50	17.646	2517	2520	2527	rVV5	2502	5503	0.77%	0.106%
51	17.869	2551	2558	2566	rBV	19005	31535	4.43%	0.608%
52	17.987	2573	2578	2585	rBV4	5502	9124	1.28%	0.176%
53	18.051	2585	2589	2592	rBV2	2006	2960	0.42%	0.057%
54	18.339	2633	2638	2642	rBV	26984	37766	5.31%	0.728%
55	18.386	2642	2646	2654	rVB	35913	50921	7.16%	0.982%
56	18.468	2654	2660	2665	rBV2	10572	15517	2.18%	0.299%
57	18.539	2665	2672	2676	rBV2	52491	89459	12.57%	1.725%
58	18.686	2692	2697	2701	rVB2	2098	3137	0.44%	0.061%
59	18.774	2709	2712	2717	rVB2	1884	3142	0.44%	0.061%
60	18.833	2717	2722	2727	rBV	21729	30949	4.35%	0.597%
61	18.880	2728	2730	2736	rVB3	2535	2607	0.37%	0.050%
62	19.074	2759	2763	2767	rBV2	3134	4301	0.60%	0.083%
63	19.132	2769	2773	2775	rBV2	2122	2817	0.40%	0.054%
64	19.162	2775	2778	2784	rVB4	2389	3279	0.46%	0.063%
65	19.244	2787	2792	2796	rBV3	6193	9945	1.40%	0.192%
66	19.314	2798	2804	2808	rBV4	3897	6100	0.86%	0.118%
67	19.514	2832	2838	2846	rVV	295748	413656	58.14%	7.978%
68	19.573	2846	2848	2852	rVV3	4504	6019	0.85%	0.116%
69	19.608	2852	2854	2858	rVV3	3871	4634	0.65%	0.089%
70	19.761	2874	2880	2888	rBV3	6226	11373	1.60%	0.219%
71	19.849	2888	2895	2896	rBV2	53479	81614	11.47%	1.574%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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	19.878	2896	2900	2908	rVV	180513	266722	37.49%	5.144%
73	19.937	2908	2910	2918	rVB4	9015	13166	1.85%	0.254%
74	20.049	2925	2929	2935	rBV	8941	13185	1.85%	0.254%
75	20.190	2948	2953	2960	rBV5	8430	20533	2.89%	0.396%
76	20.254	2960	2964	2970	rVB	4520	5789	0.81%	0.112%
77	20.360	2970	2982	2989	rBV	28102	51218	7.20%	0.988%
78	20.460	2994	2999	3004	rVV	32842	45923	6.45%	0.886%
79	20.519	3004	3009	3013	rVV3	9597	18536	2.61%	0.358%
80	20.560	3013	3016	3020	rVV3	5743	8545	1.20%	0.165%
81	20.601	3021	3023	3028	rVB3	3108	3823	0.54%	0.074%
82	20.660	3028	3033	3037	rBV4	4064	6362	0.89%	0.123%
83	20.707	3038	3041	3047	rVB4	4311	6640	0.93%	0.128%
84	20.889	3069	3072	3076	rBV4	4104	6173	0.87%	0.119%
85	20.954	3081	3083	3085	rBV2	2814	2957	0.42%	0.057%
86	21.001	3088	3091	3094	rVB4	2563	2928	0.41%	0.056%
87	21.083	3101	3105	3108	rBV4	2656	4891	0.69%	0.094%
88	21.312	3140	3144	3148	rVV	6921	9879	1.39%	0.191%
89	21.359	3148	3152	3156	rVV	6408	9421	1.32%	0.182%
90	21.406	3156	3160	3166	rVB4	5084	9896	1.39%	0.191%
91	21.741	3206	3217	3222	rBV2	233306	449140	63.12%	8.663%
92	21.788	3222	3225	3234	rVB	34415	61645	8.66%	1.189%
93	21.941	3246	3251	3258	rBV4	6390	13113	1.84%	0.253%
94	22.152	3282	3287	3289	rBV4	2450	3885	0.55%	0.075%
95	22.810	3395	3399	3403	rVB6	1945	3061	0.43%	0.059%
96	23.968	3590	3596	3604	rBV3	6306	19634	2.76%	0.379%
97	24.849	3745	3746	3750	rVB3	1961	2294	0.32%	0.044%
98	25.019	3763	3775	3795	rVV	83005	292950	41.17%	5.650%
99	28.745	4406	4409	4412	rBV4	1927	2336	0.33%	0.045%
100	29.185	4482	4484	4488	rVV4	1993	2545	0.36%	0.049%

Sum of corrected areas: 5184874

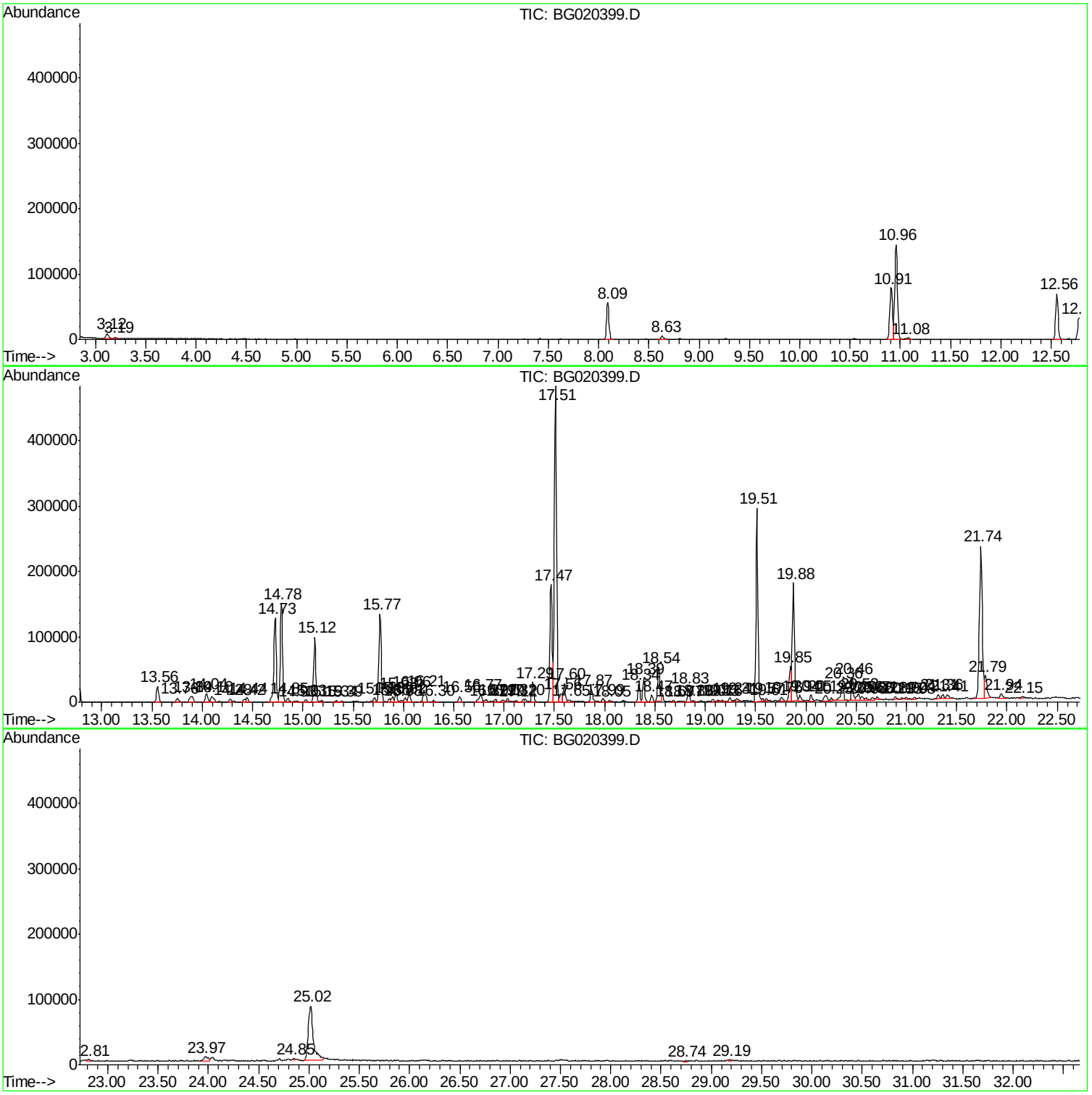
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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

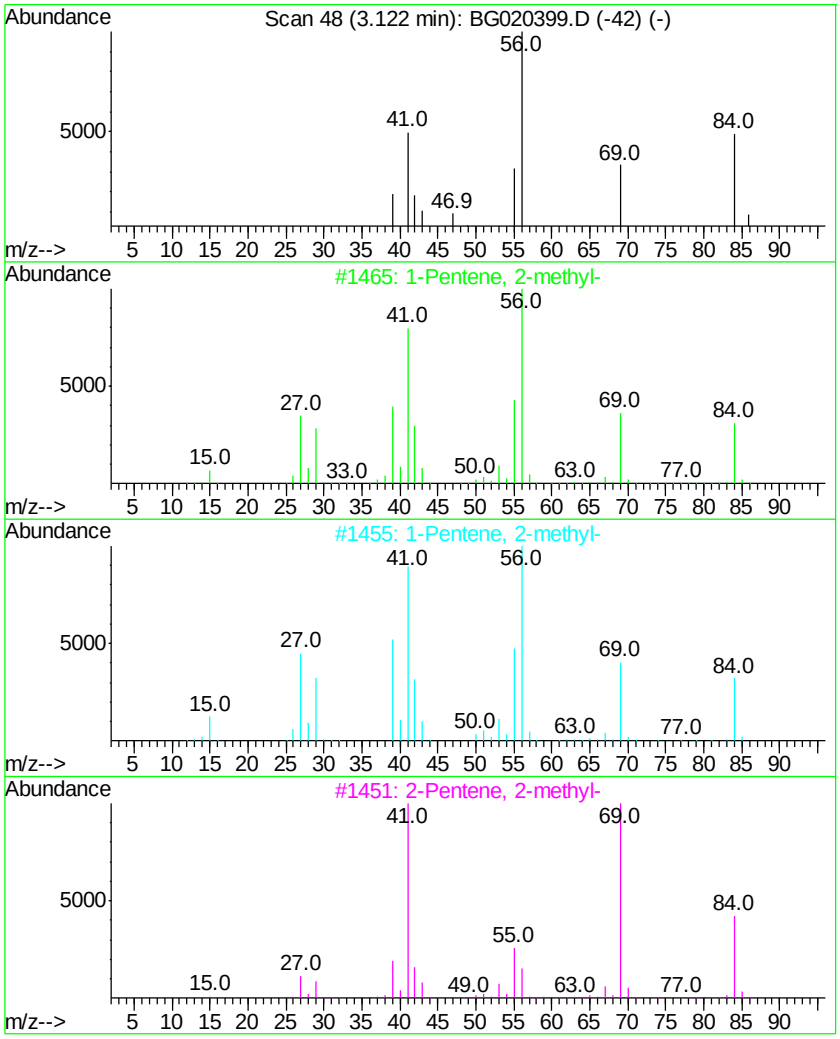
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

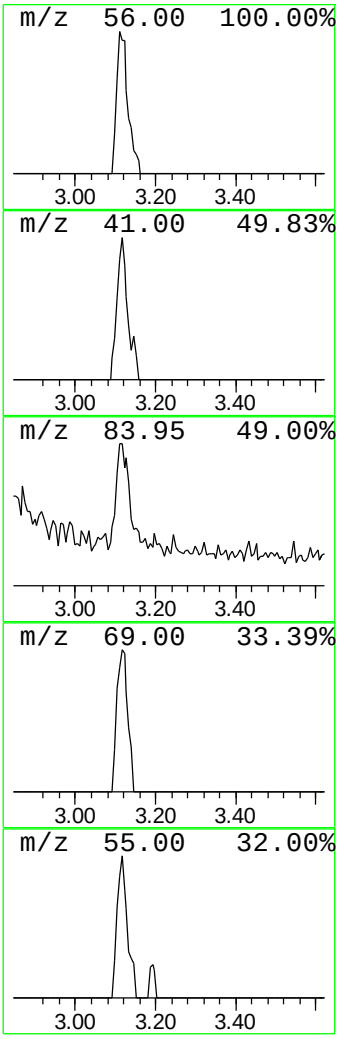
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	3.09 ng/ul	14576	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	39
3	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	9
4	Cyclobutane	56	C4H8	000287-23-0	9
5	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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

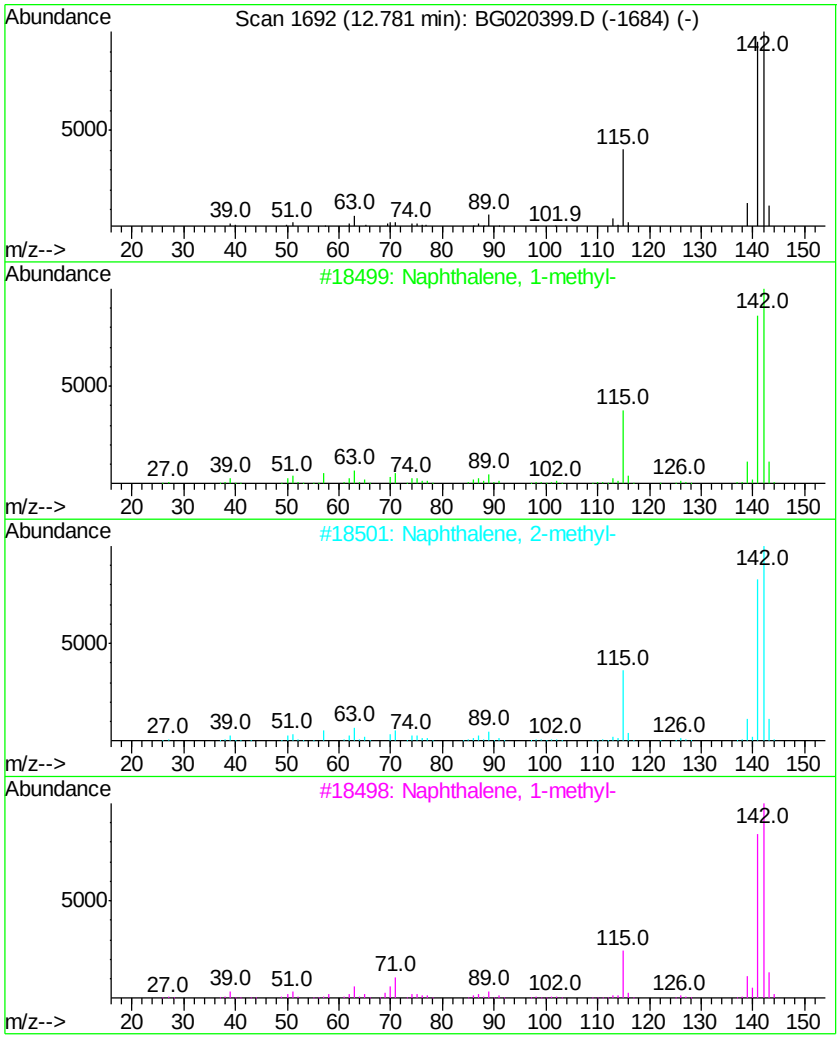
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

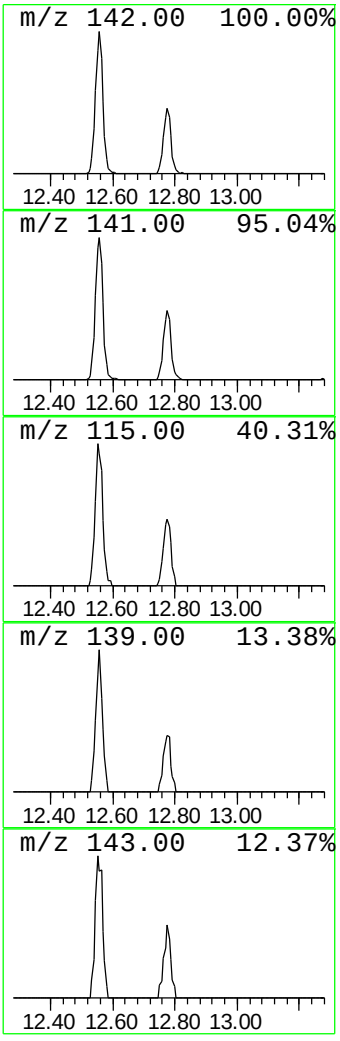
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	7.46 ng/ul	54297	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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

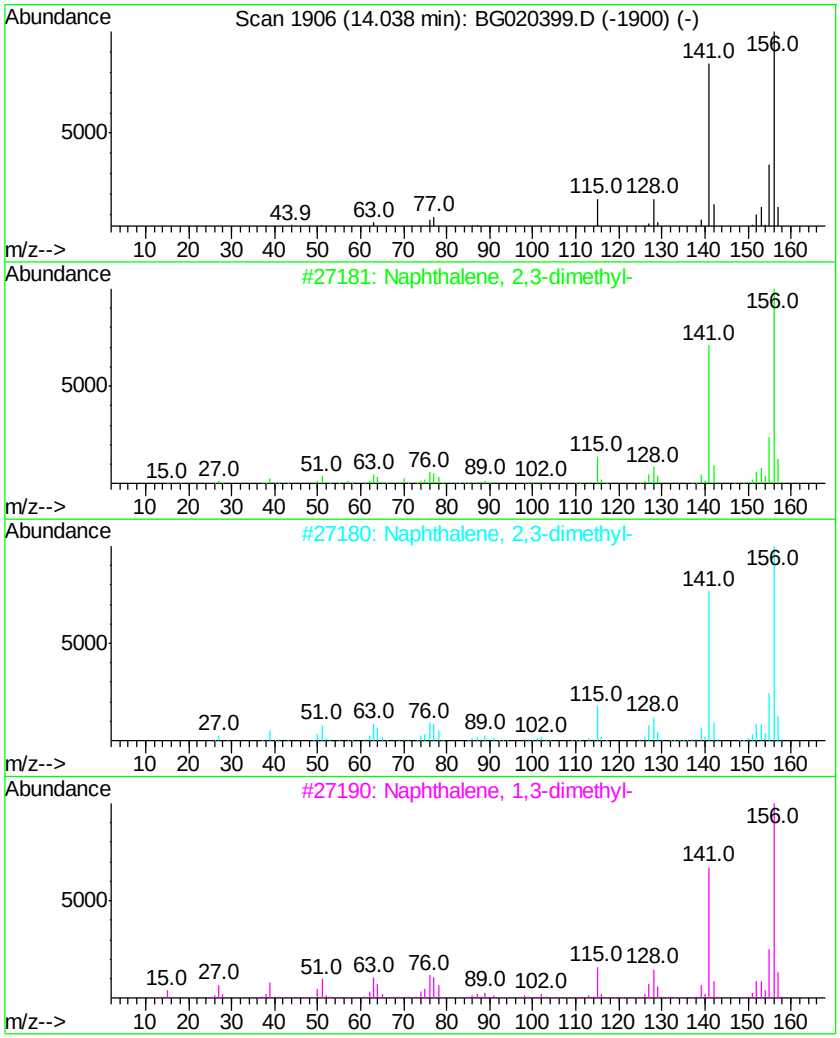
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

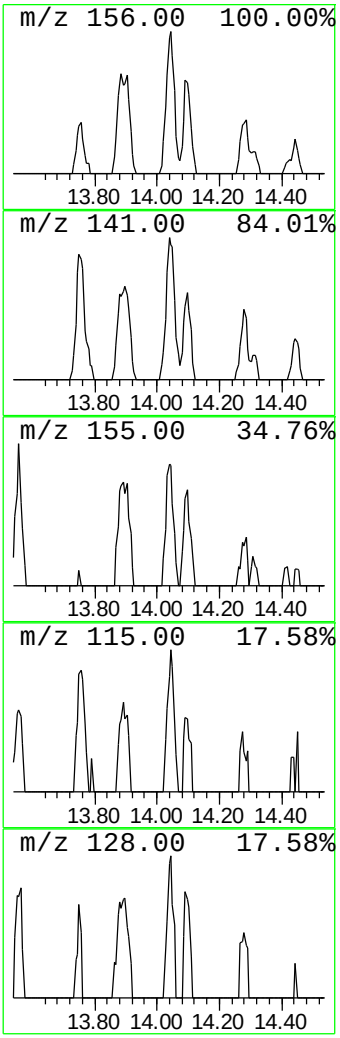
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.01 ng/ul	22771	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

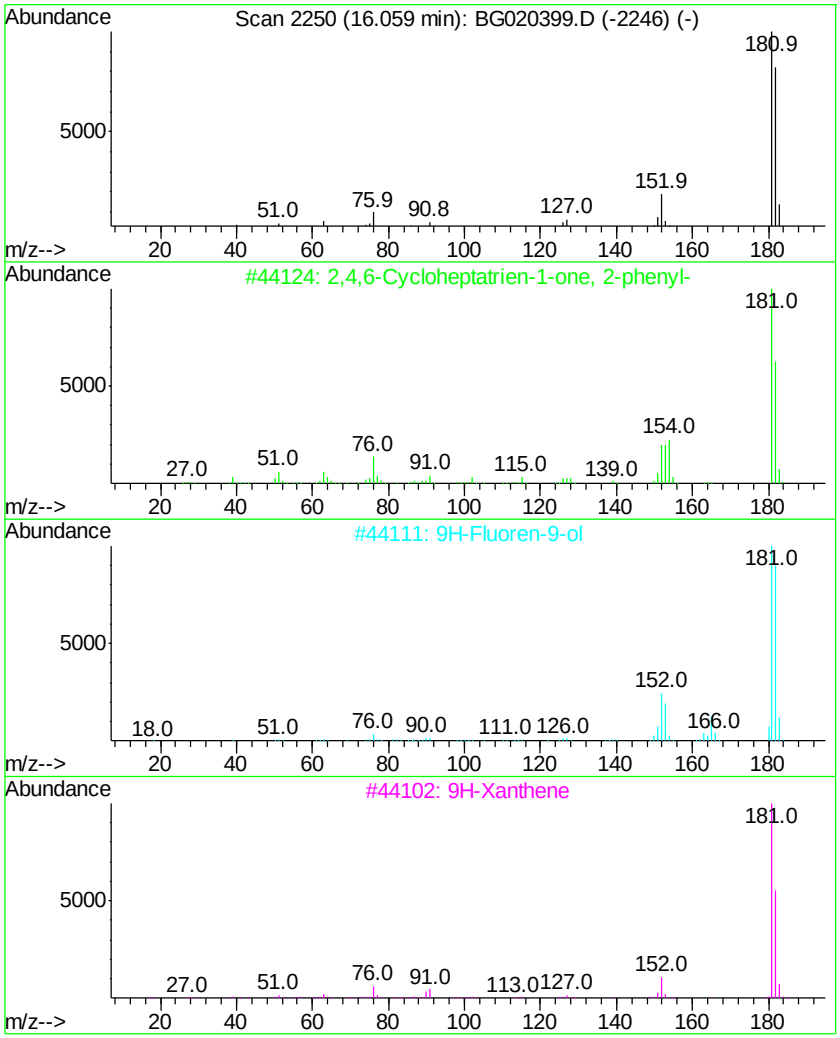
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

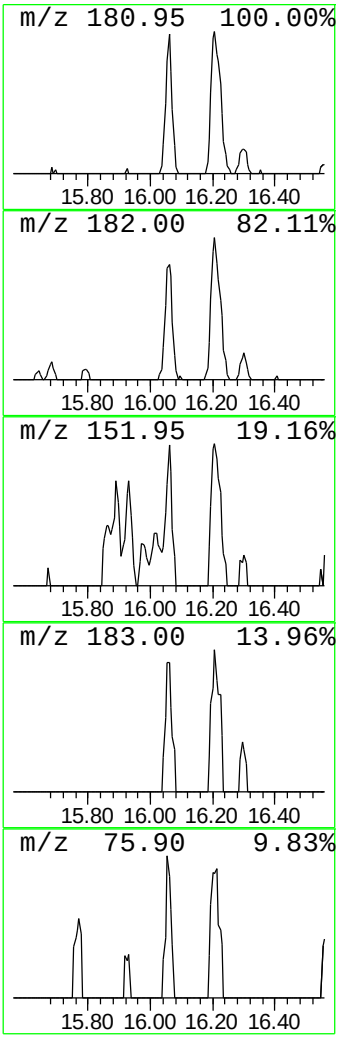
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.05 ng/ul	23231	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	9H-Xanthene	182	C13H10O	000092-83-1	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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

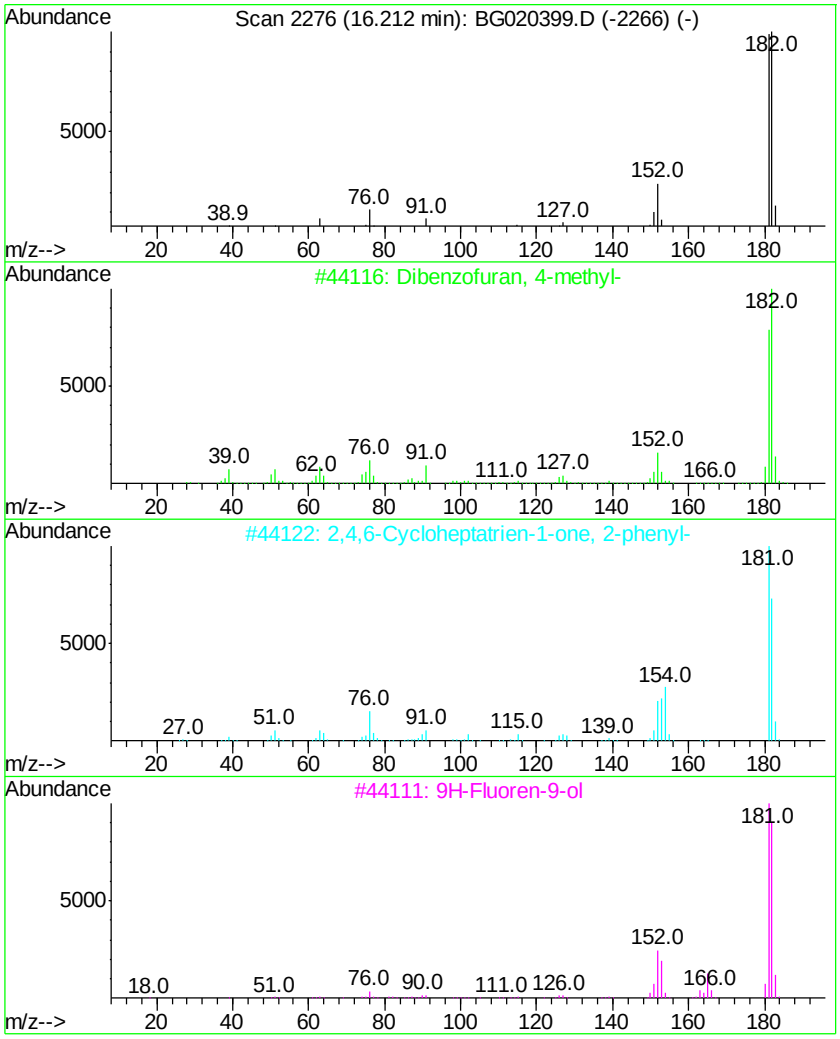
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

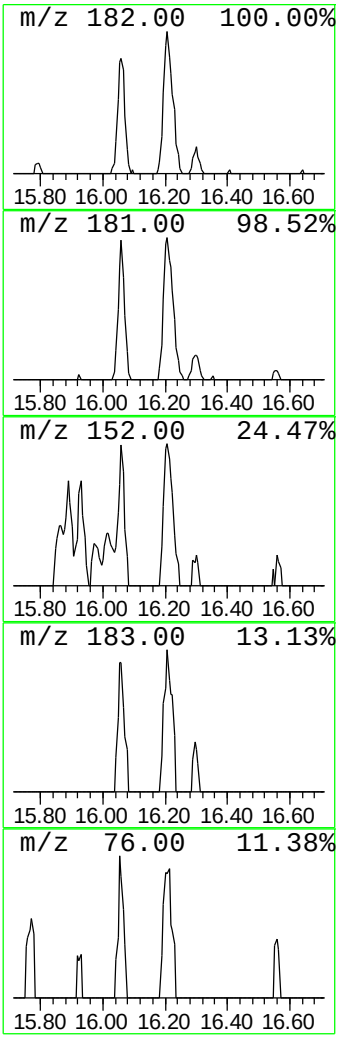
****

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	2.52 ng/ul	36344	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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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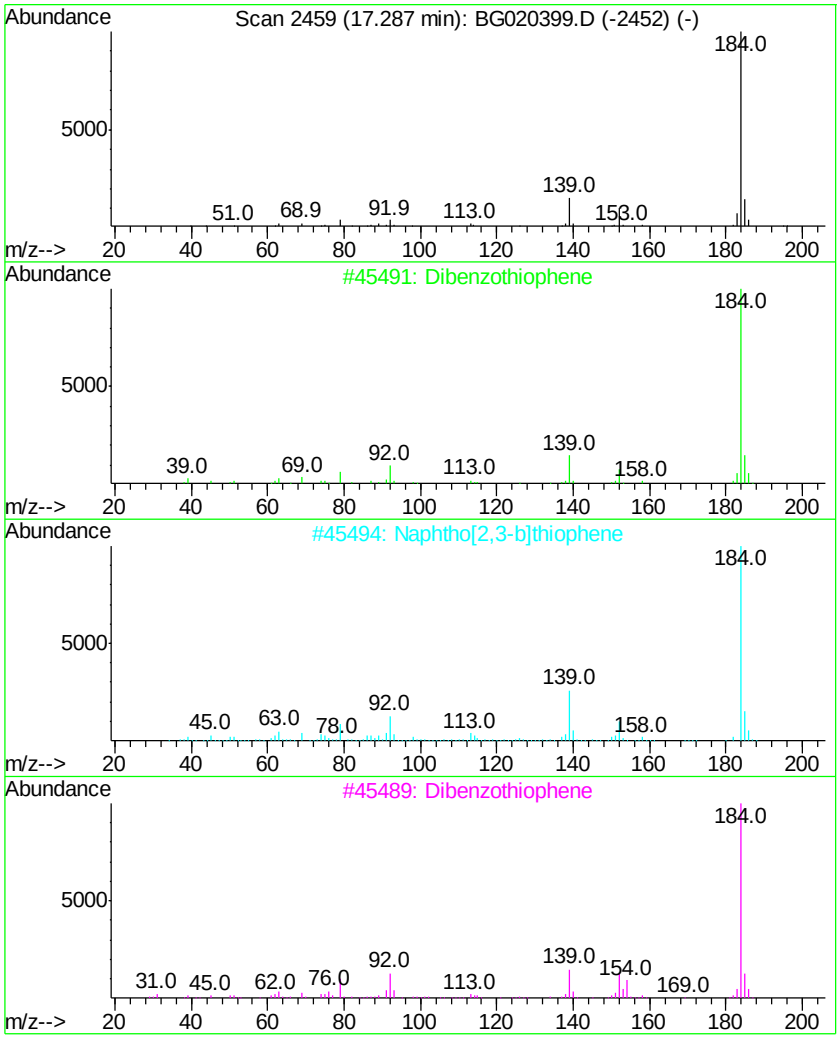
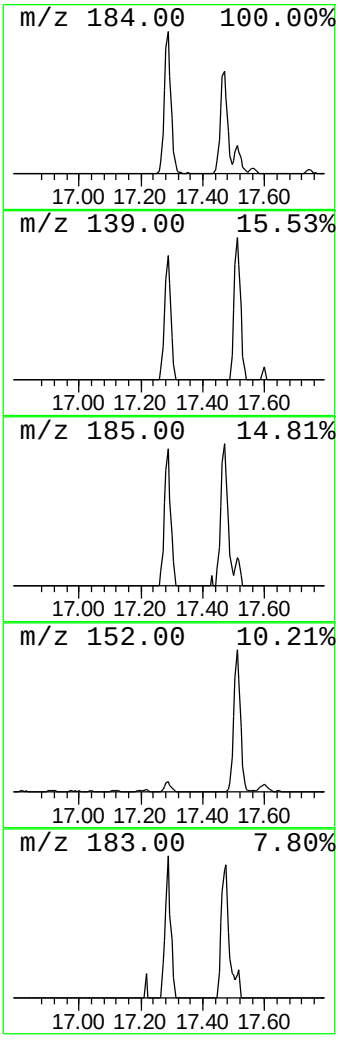
Peak Number 6 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	3.10 ng/ul	44681	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Library Search Compound Report

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Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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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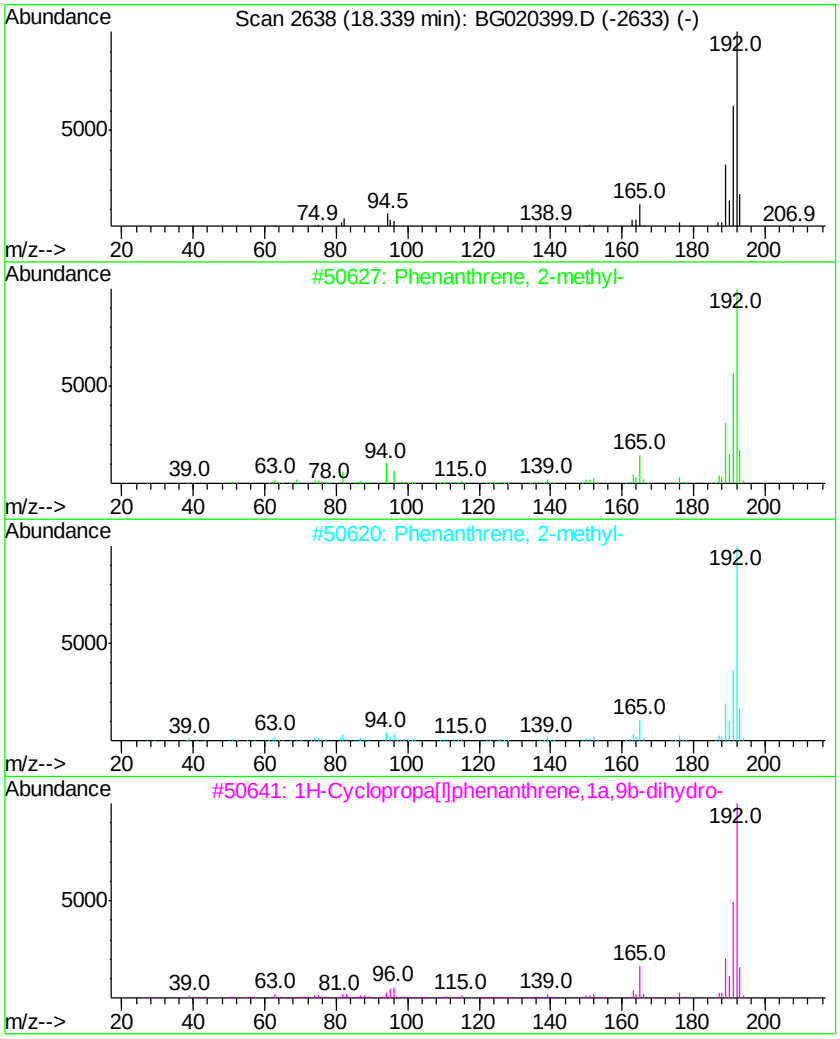
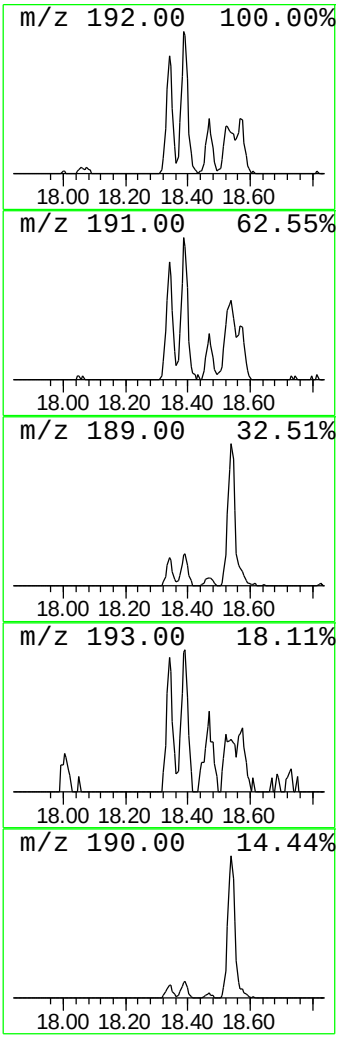
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.62 ng/ul	37766	Phenanthrene-d10	17.47

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





Library Search Compound Report

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Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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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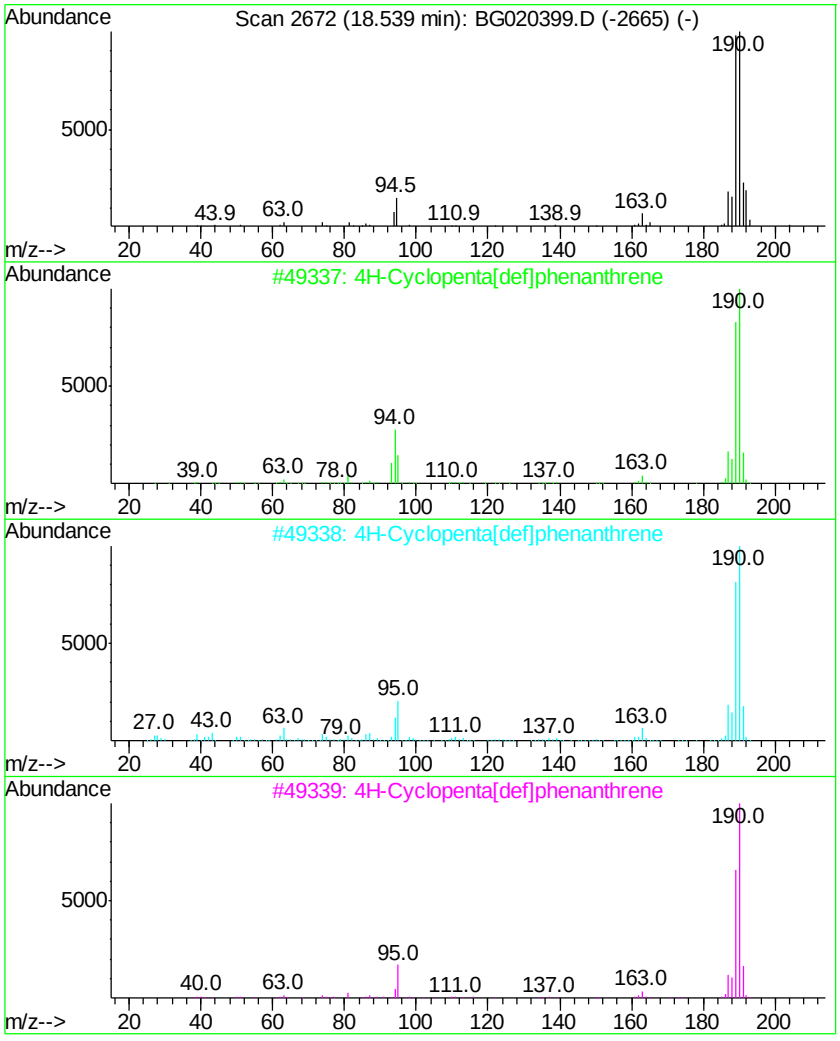
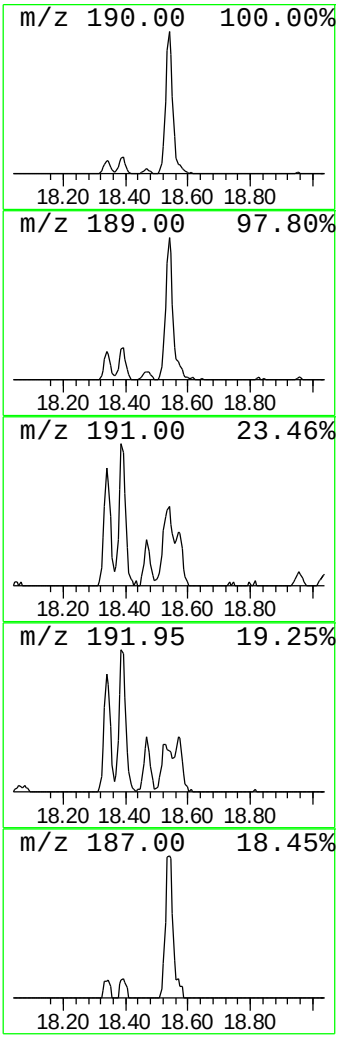
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	6.20 ng/ul	89459	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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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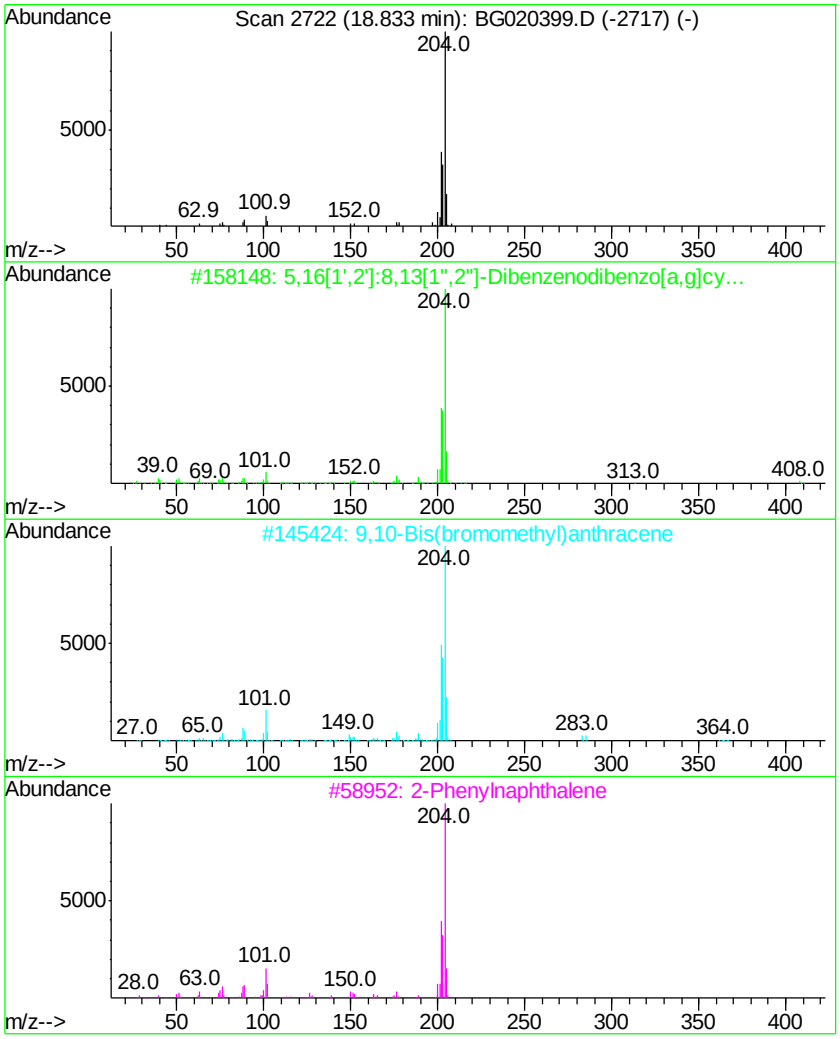
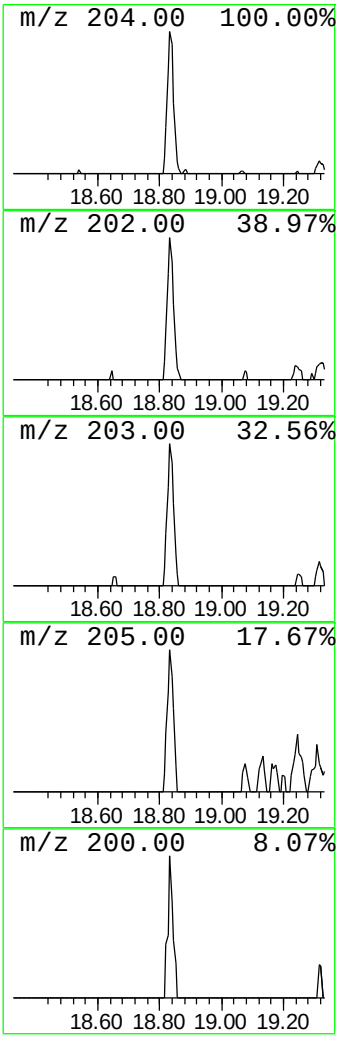
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.15 ng/ul	30949	Phenanthrene-d10	17.47

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	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	83
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	62
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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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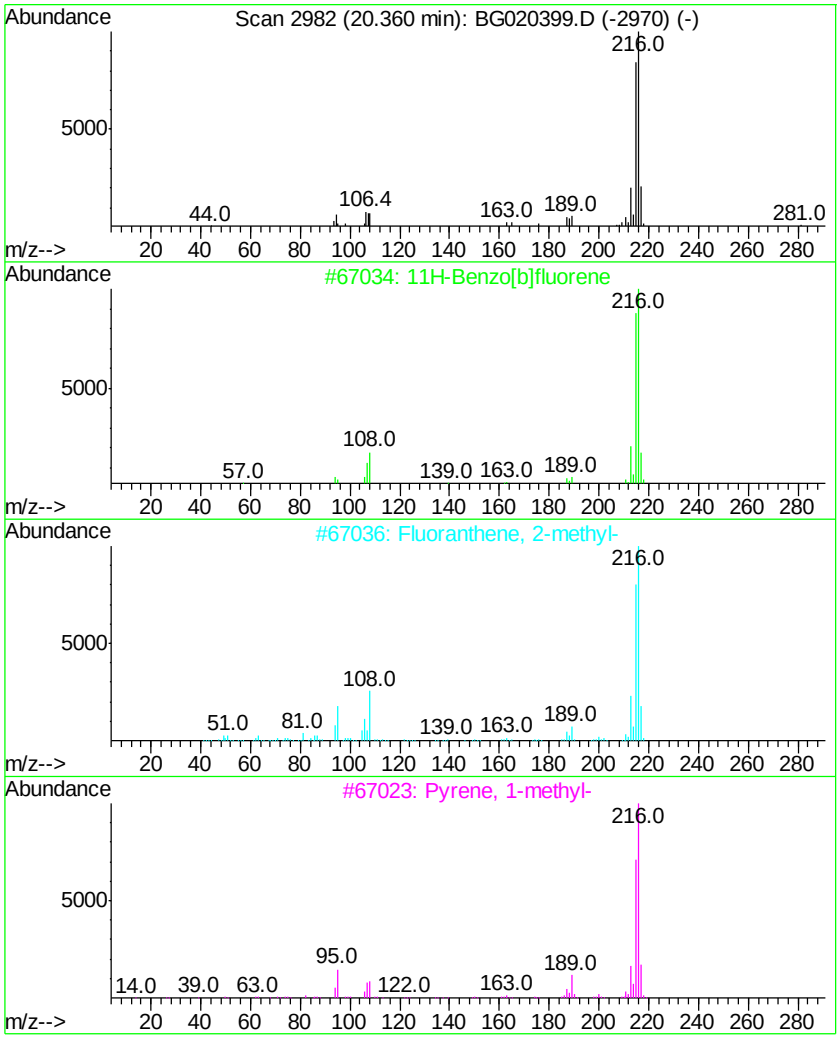
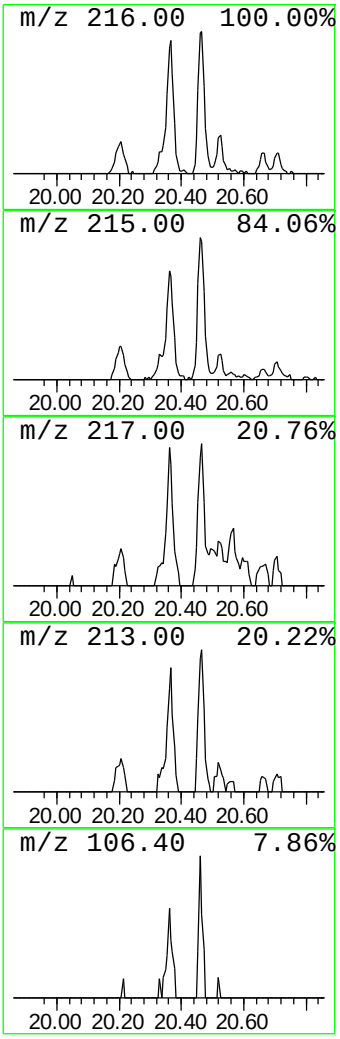
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.28 ng/ul	51218	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Library Search Compound Report

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Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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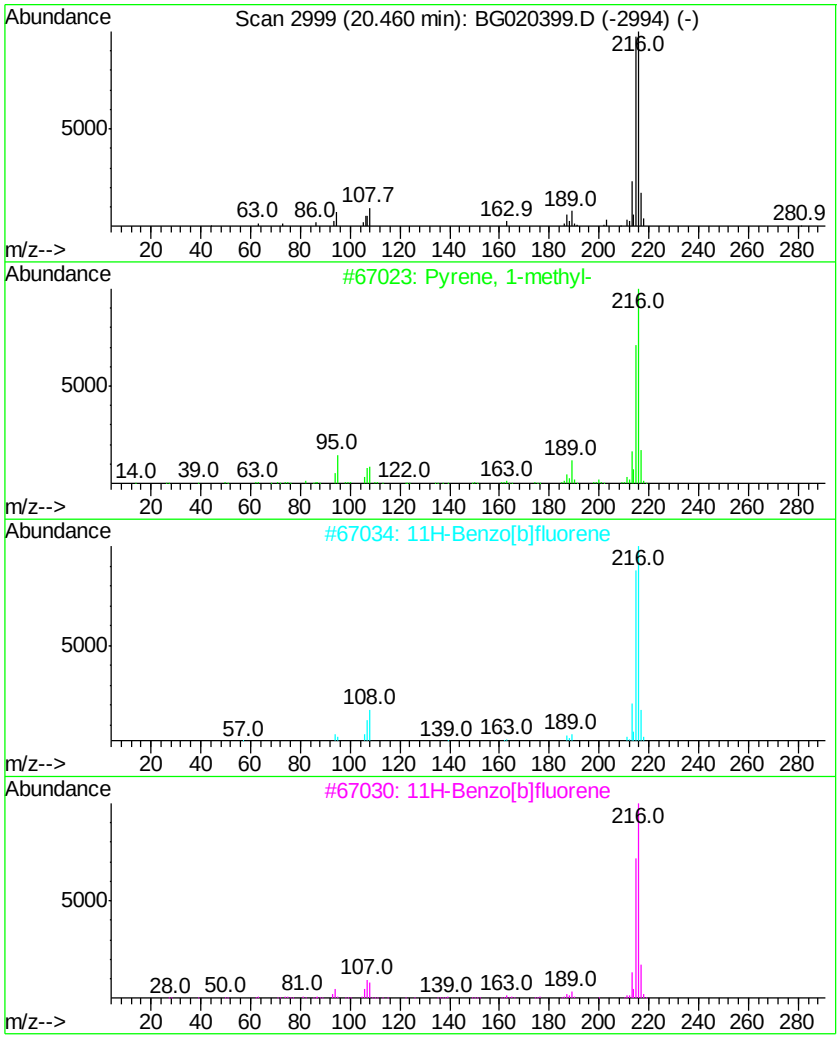
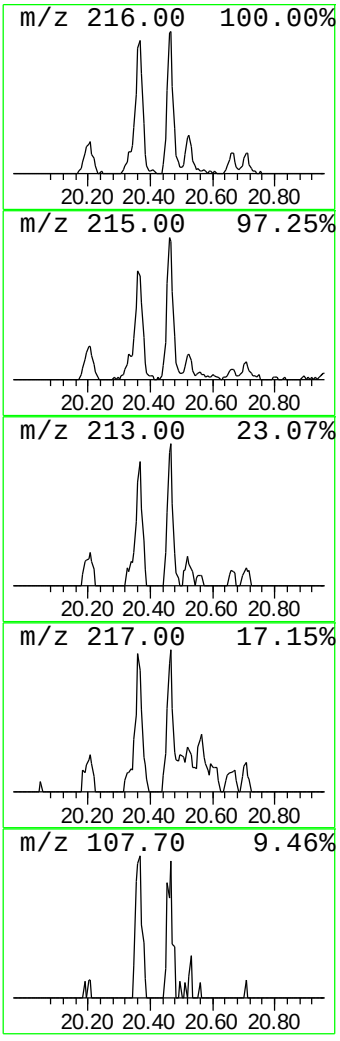
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	2.04 ng/ul	45923	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
Data File : BG020399.D
Acq On : 22 Dec 2015 5:31
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

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
1-Pentene, 2-methyl-	3.12	3.1	ng/ul	14576	1	8.09	94325	20.0
Naphthalene, 1-me...	12.78	7.5	ng/ul	54297	2	10.91	145545	20.0
Naphthalene, 2,3-...	14.04	2.0	ng/ul	22771	3	14.73	226682	20.0
2,4,6-Cycloheptat...	16.06	2.0	ng/ul	23231	3	14.73	226682	20.0
Dibenzofuran, 4-m...	16.21	2.5	ng/ul	36344	4	17.47	288482	20.0
Dibenzothiophene	17.29	3.1	ng/ul	44681	4	17.47	288482	20.0
Phenanthrene, 2-m...	18.34	2.6	ng/ul	37766	4	17.47	288482	20.0
4H-Cyclopenta[def...	18.54	6.2	ng/ul	89459	4	17.47	288482	20.0
5,16[1',2']:8,13[...	18.83	2.1	ng/ul	30949	4	17.47	288482	20.0
11H-Benzo[b]fluorene	20.36	2.3	ng/ul	51218	5	21.74	449140	20.0
Pyrene, 1-methyl-	20.46	2.0	ng/ul	45923	5	21.74	449140	20.0