LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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	3.117	43	47	53	rBV2	8384	14456	1.76%	0.230%
2	3.193	57	60	64	rVB	6329	7854	0.96%	0.125%
3	8.093	887	894	902	rBB	55945	90063	10.95%	1.432%
4	8.634	981	986	993	rBB	2962	4898	0.60%	0.078%
5	10.908	1366	1373	1377	rBV	78442	140498	17.09%	2.234%
6	10.960	1377	1382	1394	rVV	171657	307740	37.43%	4.894%
7	11.084	1397	1403	1408	rVB2	2882	5364	0.65%	0.085%
8	12.559	1648	1654	1662	rBV	110941	177678	21.61%	2.826%
9	12.776	1681	1691	1699	rBB	51045	85829	10.44%	1.365%
10	13.557	1818	1824	1831	rBB	32010	47531	5.78%	0.756%
11	13.757	1852	1858	1867	rVB	11384	18819	2.29%	0.299%
12	13.904	1875	1883	1888	rBB3	18560	43749	5.32%	0.696%
13	14.045	1900	1907	1912	rBV2	25360	43515	5.29%	0.692%
14	14.098	1912	1916	1925	rVV4	16731	29008	3.53%	0.461%
15	14.280	1941	1947	1951	rBV2	9655	14159	1.72%	0.225%
16	14.315	1951	1953	1957	rVB	2805	3245	0.39%	0.052%
17	14.421	1965	1971	1972	rBV	3863	5060	0.62%	0.080%
18	14.450	1973	1976	1980	rVB	7212	9267	1.13%	0.147%
19	14.727	2012	2023	2028	rBV2	146522	247670	30.12%	3.939%
20	14.791	2028	2034	2040	rVV	187698	289569	35.22%	4.605%
21	14.850	2040	2044	2051	rVB	4767	6909	0.84%	0.110%
22	14.920	2051	2056	2064	rBV4	3707	7800	0.95%	0.124%
23	15.032	2069	2075	2079	rBV2	6929	10249	1.25%	0.163%
24	15.120	2084	2090	2098	rVB	124905	190788	23.20%	3.034%
25	15.197	2098	2103	2107	rBB	5355	7323	0.89%	0.116%
26	15.338	2121	2127	2131	rBV2	3292	5457	0.66%	0.087%
27	15.390	2131	2136	2140	rVB2	4078	5711	0.69%	0.091%
28	15.508	2150	2156	2159	rBV2	3067	5190	0.63%	0.083%
29	15.549	2159	2163	2166	rVB3	2207	3233	0.39%	0.051%
30	15.684	2182	2186	2188	rBV	3150	4378	0.53%	0.070%
31	15.720	2188	2192	2195	rVV	6107	8814	1.07%	0.140%
32	15.772	2195	2201	2210	rVB	171886	263717	32.07%	4.194%
33	15.866	2211	2217	2219	rBV2	7348	11854	1.44%	0.189%
34	15.890	2219	2221	2224	rVV	12655	17013	2.07%	0.271%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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	15.931	2224	2228	2233	rVV3	24566	37100	4.51%	0.590%
36	15.978	2233	2236	2239	rVV2	4798	6948	0.85%	0.110%
37	16.019	2239	2243	2247	rVV	11086	18679	2.27%	0.297%
38	16.060	2247	2250	2257	rVB	25924	35717	4.34%	0.568%
39	16.213	2267	2276	2284	rBV	26564	54357	6.61%	0.864%
40	16.301	2287	2291	2296	rVB2	3469	5063	0.62%	0.081%
41	16.560	2331	2335	2341	rBV	14140	20529	2.50%	0.326%
42	16.771	2359	2371	2376	rBV4	19756	42324	5.15%	0.673%
43	16.818	2376	2379	2385	rVB3	6554	9677	1.18%	0.154%
44	16.918	2393	2396	2402	rVB2	8065	11238	1.37%	0.179%
45	16.994	2402	2409	2412	rBV4	6280	12354	1.50%	0.196%
46	17.036	2413	2416	2420	rVB2	5596	7012	0.85%	0.112%
47	17.124	2428	2431	2438	rVB3	2490	4866	0.59%	0.077%
48	17.200	2438	2444	2454	rBV5	7607	24981	3.04%	0.397%
49	17.288	2454	2459	2468	rVB	35342	49866	6.06%	0.793%
50	17.470	2483	2490	2493	rBV	210708	311852	37.93%	4.959%
51	17.512	2493	2497	2503	rVV	553592	822202	100.00%	13.076%
52	17.570	2503	2507	2509	rVV2	9687	14694	1.79%	0.234%
53	17.606	2509	2513	2517	rVB	38950	56175	6.83%	0.893%
54	17.870	2552	2558	2563	rBV	21299	31171	3.79%	0.496%
55	17.987	2574	2578	2585	rVB3	6095	9589	1.17%	0.152%
56	18.046	2585	2588	2596	rVB3	3181	5826	0.71%	0.093%
57	18.193	2609	2613	2620	rVB2	3196	5934	0.72%	0.094%
58	18.346	2633	2639	2643	rBV	38307	53152	6.46%	0.845%
59	18.393	2643	2647	2653	rVB	51545	73867	8.98%	1.175%
60	18.469	2653	2660	2666	rBV2	15369	25948	3.16%	0.413%
61	18.540	2666	2672	2676	rBV	65876	110075	13.39%	1.751%
62	18.687	2693	2697	2701	rBV2	2569	3311	0.40%	0.053%
63	18.839	2717	2723	2728	rBV	26559	37089	4.51%	0.590%
64	18.963	2739	2744	2748	rBV3	2247	3664	0.45%	0.058%
65	19.086	2759	2765	2769	rVB2	6038	7408	0.90%	0.118%
66	19.133	2769	2773	2776	rBV2	4347	6045	0.74%	0.096%
67	19.168	2776	2779	2787	rVB2	4832	7529	0.92%	0.120%
68	19.251	2787	2793	2799	rBV4	10218	20883	2.54%	0.332%
69	19.315	2799	2804	2812	rVB5	6418	15165	1.84%	0.241%
70	19.392	2812	2817	2820	rBV4	2645	4678	0.57%	0.074%
71	19.515	2832	2838	2845	rBV	315548	455463	55.40%	7.243%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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	19.574	2846	2848	2851	rVV3	3910	4739	0.58%	0.075%
73	19.609	2851	2854	2858	rVB3	5674	6902	0.84%	0.110%
74	19.762	2873	2880	2884	rBV2	7029	12288	1.49%	0.195%
75	19.850	2889	2895	2896	rBV2	64320	88420	10.75%	1.406%
76	19.879	2896	2900	2908	rVV	191550	296609	36.07%	4.717%
77	19.944	2908	2911	2918	rVB4	11084	16673	2.03%	0.265%
78	20.056	2925	2930	2936	rVB	11004	17625	2.14%	0.280%
79	20.197	2948	2954	2961	rBV3	11414	30581	3.72%	0.486%
80	20.249	2961	2963	2968	rVV2	4877	6753	0.82%	0.107%
81	20.367	2972	2983	2988	rVV	42300	71053	8.64%	1.130%
82	20.467	2995	3000	3004	rBV	44484	61316	7.46%	0.975%
83	20.526	3004	3010	3013	rVV4	13760	25758	3.13%	0.410%
84	20.567	3013	3017	3020	rVV	9146	12357	1.50%	0.197%
85	20.602	3021	3023	3028	rVV4	4310	5453	0.66%	0.087%
86	20.673	3030	3035	3037	rVV2	3964	6053	0.74%	0.096%
87	20.708	3038	3041	3047	rVB3	5555	8351	1.02%	0.133%
88	20.896	3069	3073	3077	rBV4	5387	6774	0.82%	0.108%
89	20.960	3081	3084	3087	rBV4	3876	4774	0.58%	0.076%
90	20.990	3087	3089	3096	rVB5	3449	5981	0.73%	0.095%
91	21.084	3101	3105	3110	rBV6	5086	10066	1.22%	0.160%
92	21.319	3142	3145	3149	rBV	9308	11196	1.36%	0.178%
93	21.366	3149	3153	3157	rVB2	8053	9919	1.21%	0.158%
94	21.413	3157	3161	3166	rBV2	5864	9704	1.18%	0.154%
95	21.742	3208	3217	3223	rBV2	271502	530894	64.57%	8.443%
96	21.789	3223	3225	3234	rVB	36941	53842	6.55%	0.856%
97	21.948	3247	3252	3257	rBV2	7900	14008	1.70%	0.223%
98	22.153	3285	3287	3292	rVB3	3684	5727	0.70%	0.091%
99	23.980	3591	3598	3606	rBV2	8640	28768	3.50%	0.458%
100	25.020	3765	3775	3790	rBV2	130218	368575	44.83%	5.862%

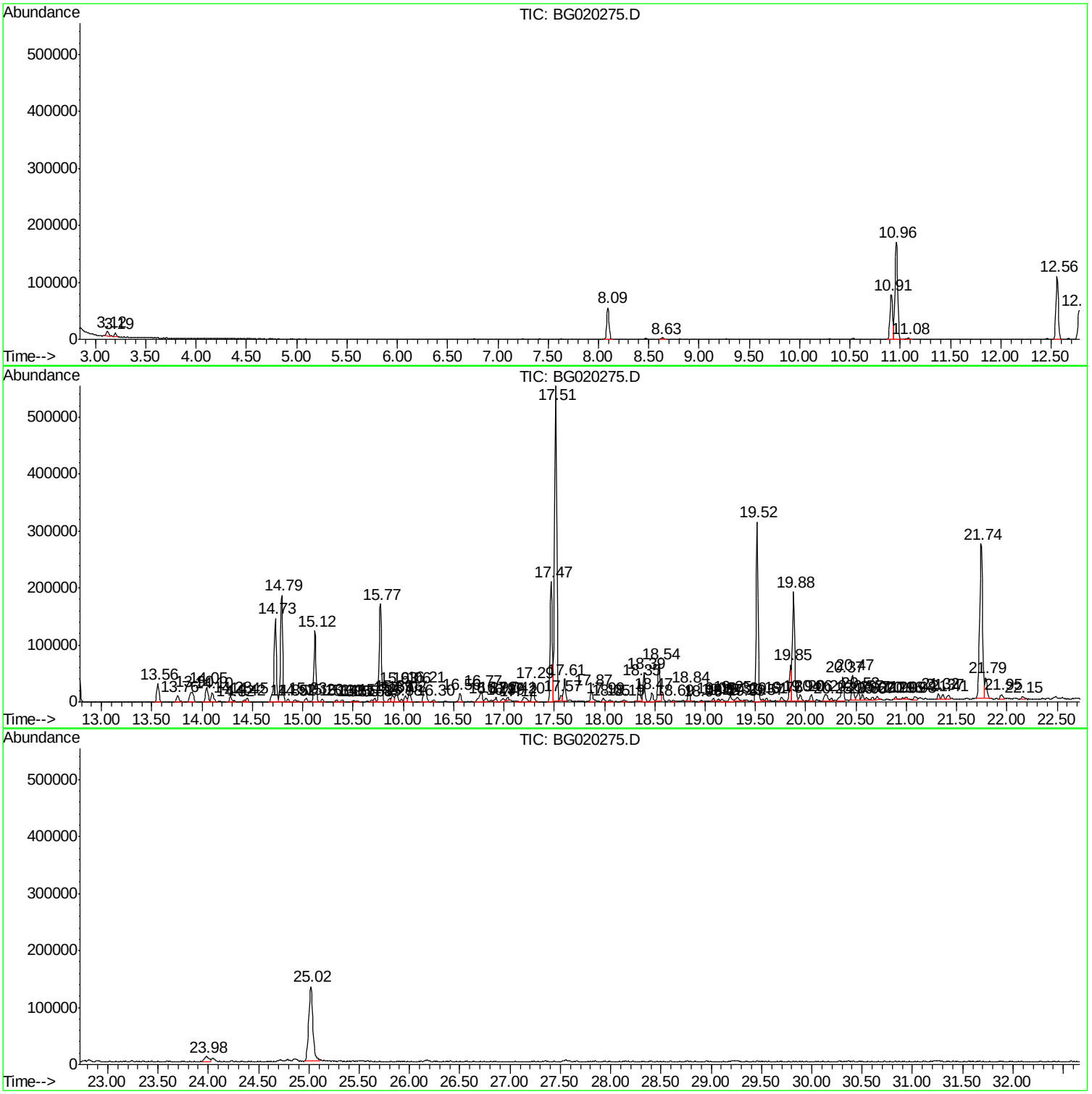
Sum of corrected areas: 6287998

Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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



Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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

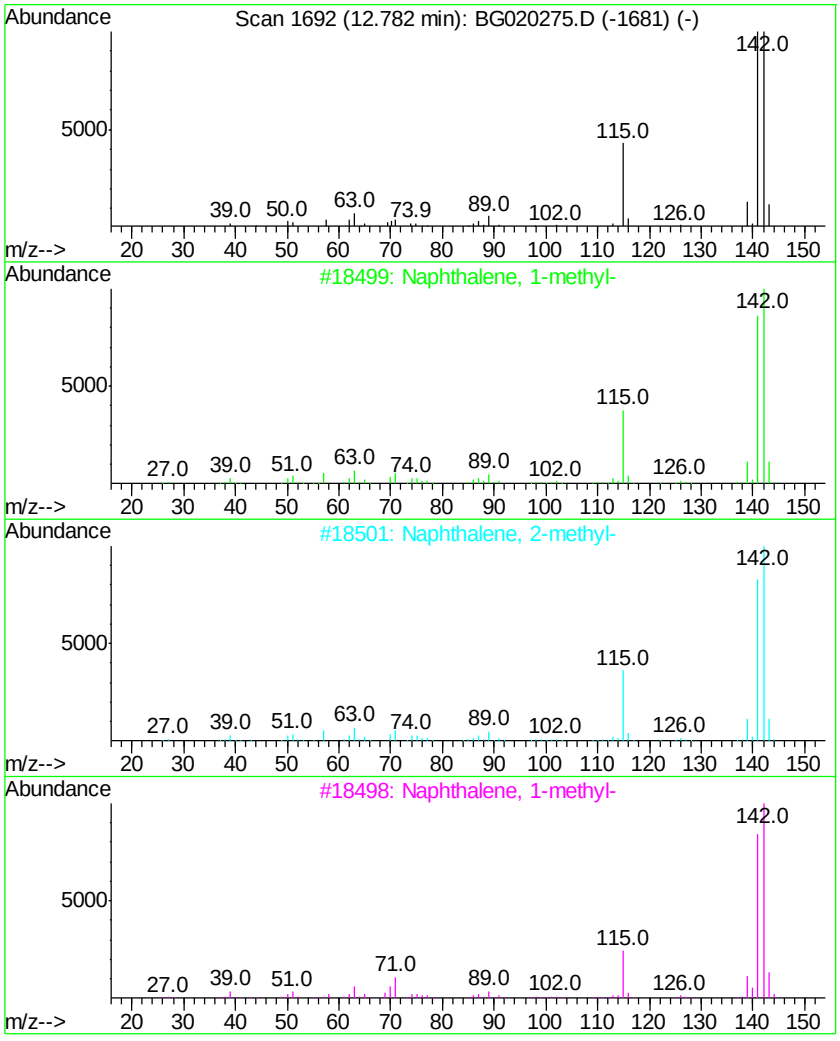
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

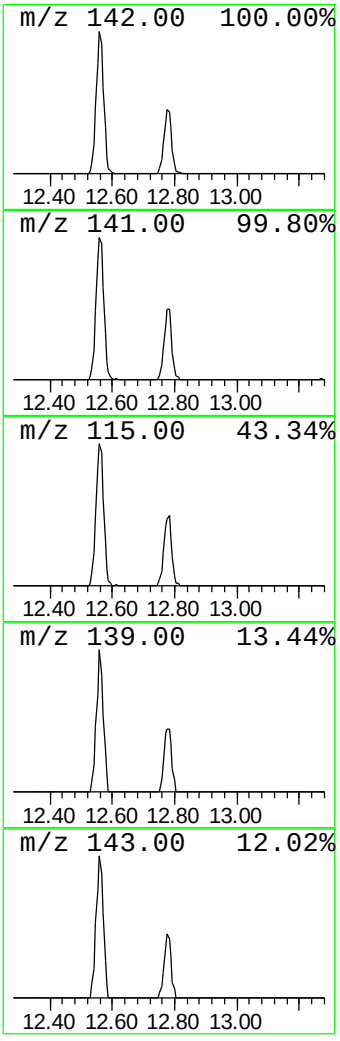
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	12.22 ng/ul	85829	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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

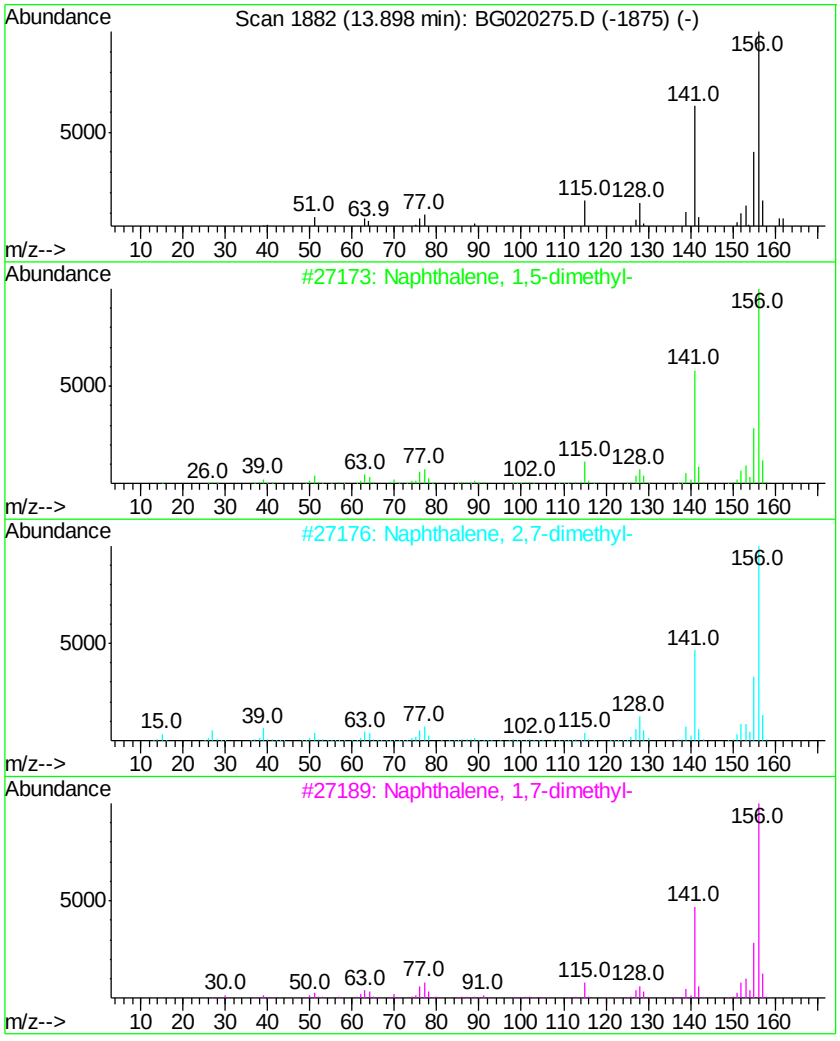
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

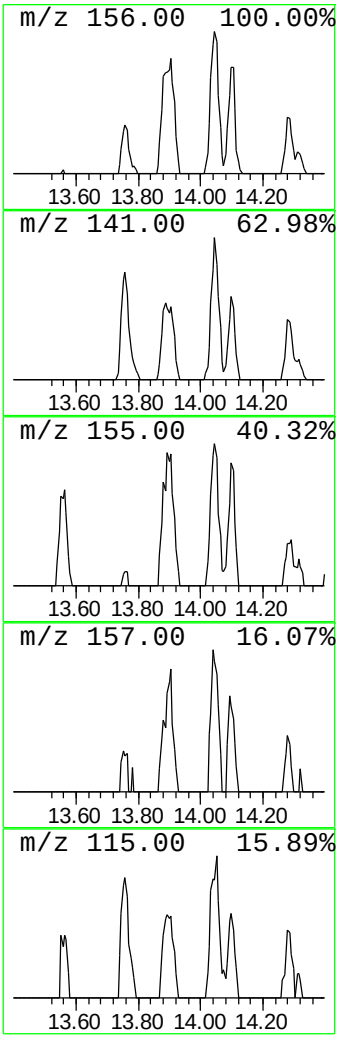
****

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	3.53 ng/ul	43749	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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

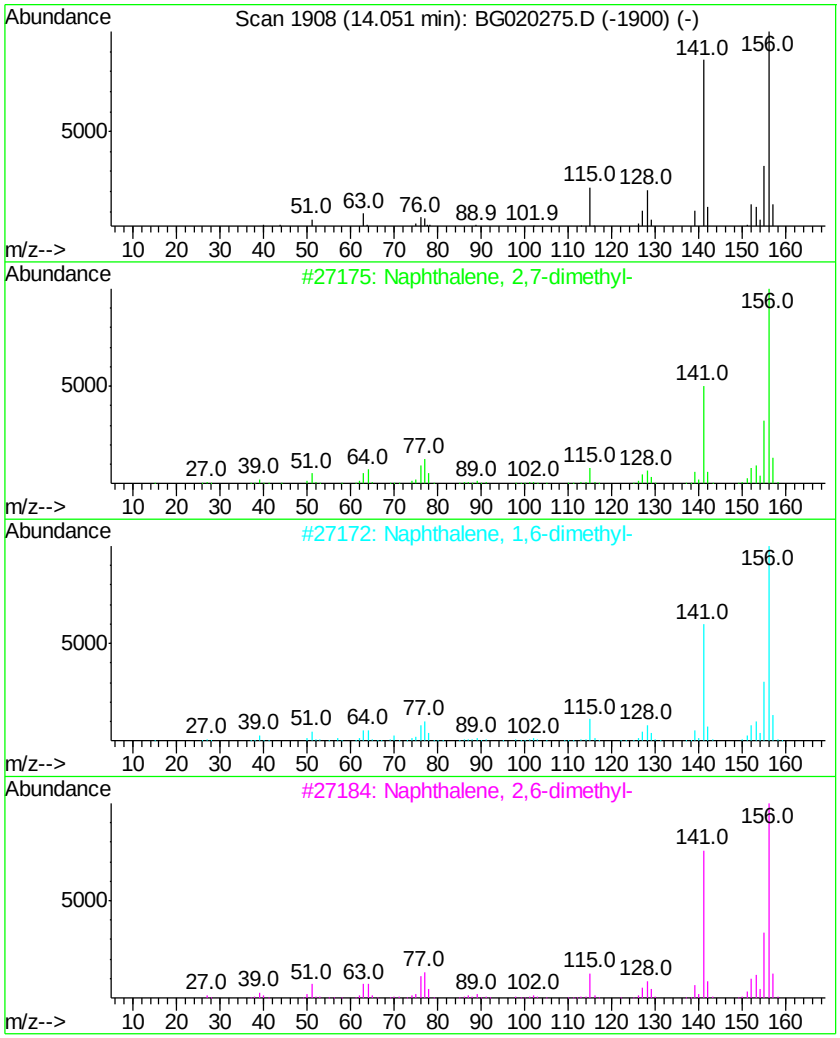
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

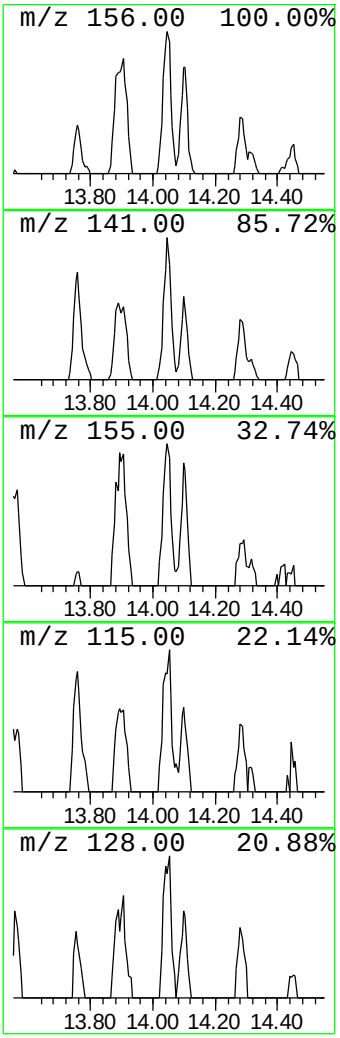
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	3.51 ng/ul	43515	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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

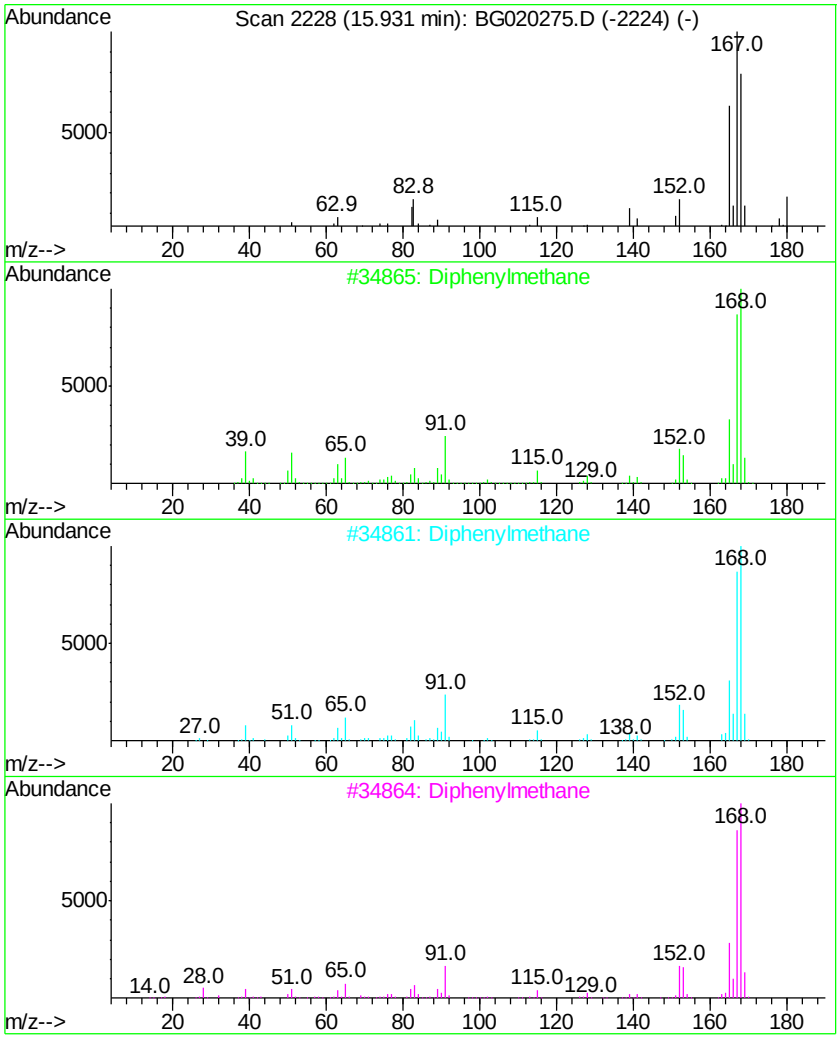
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

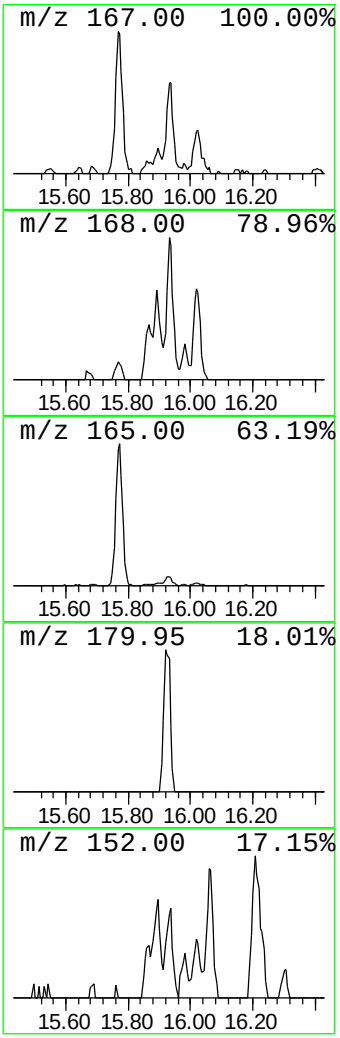
****

Peak Number 6 Diphenylmethane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.00 ng/ul	37100	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	76
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	Diphenylmethane	168	C13H12	000101-81-5	62
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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

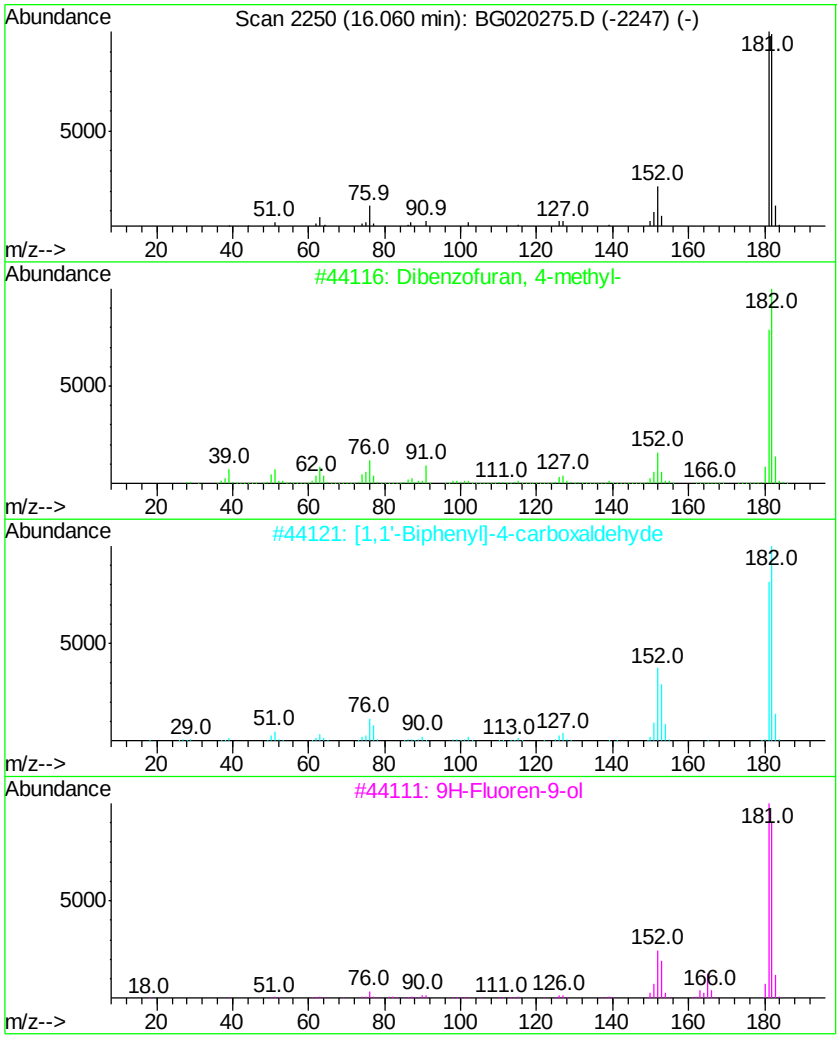
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

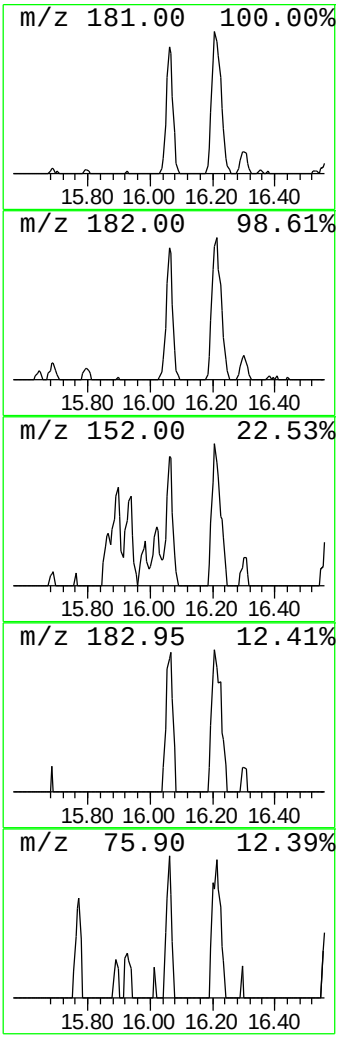
****

Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.88 ng/ul	35717	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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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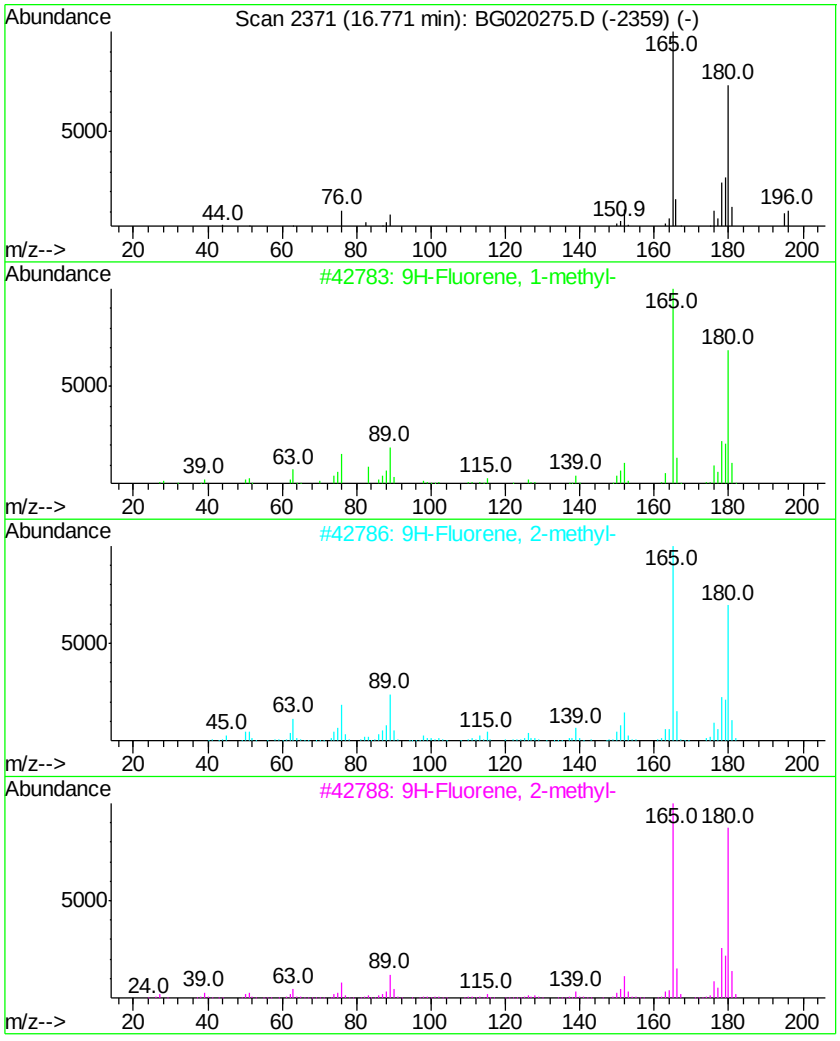
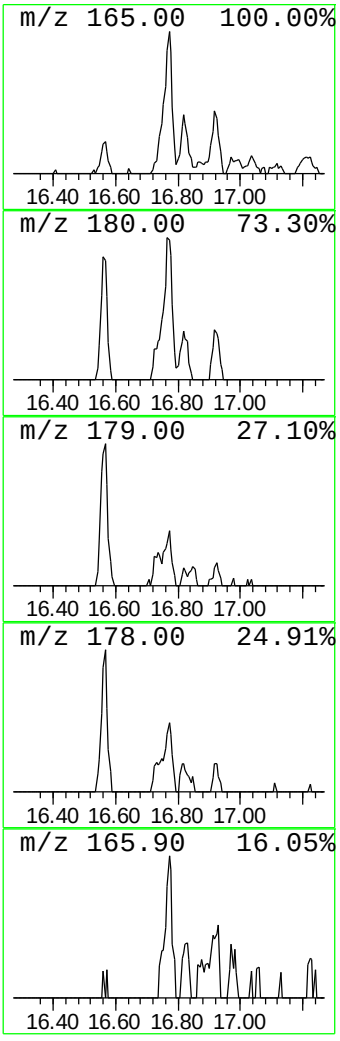
Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.71 ng/ul	42324	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76





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Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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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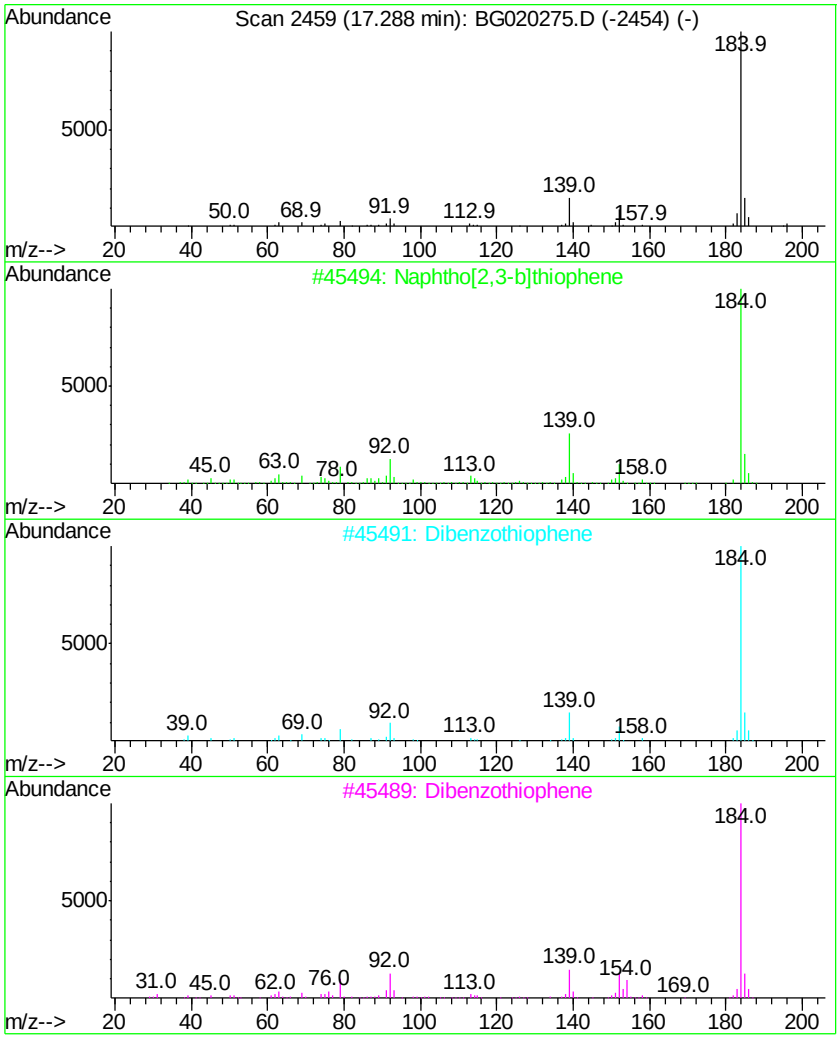
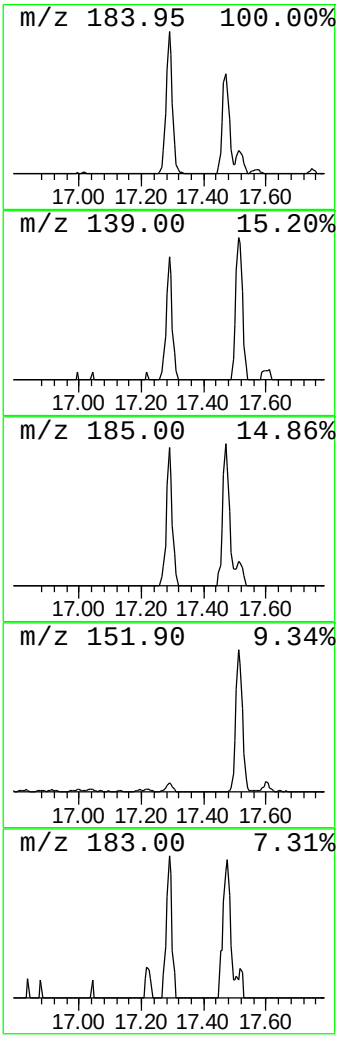
Peak Number 10 Naphtho[2,3-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	3.20 ng/ul	49866	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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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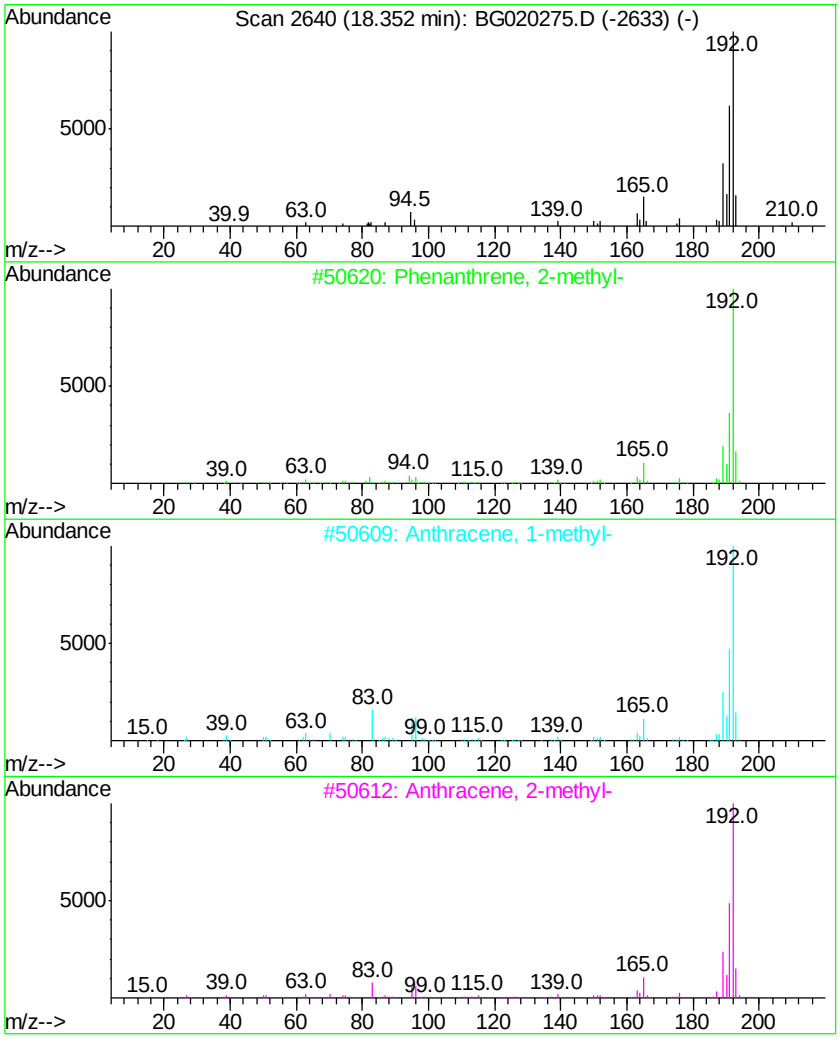
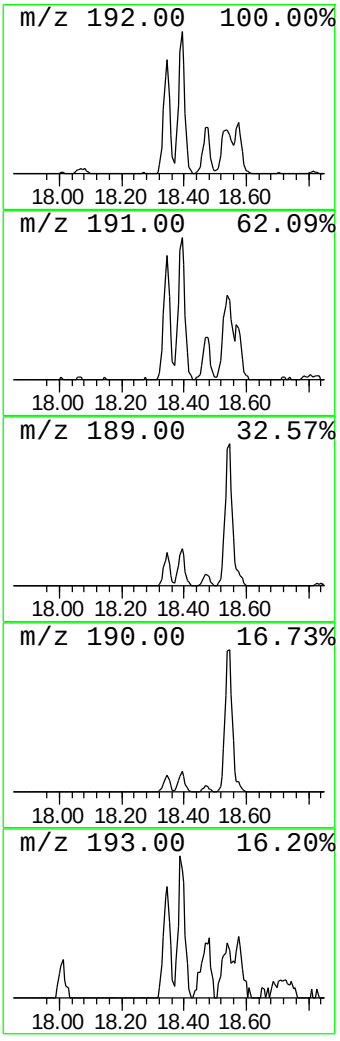
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	3.41 ng/ul	53152	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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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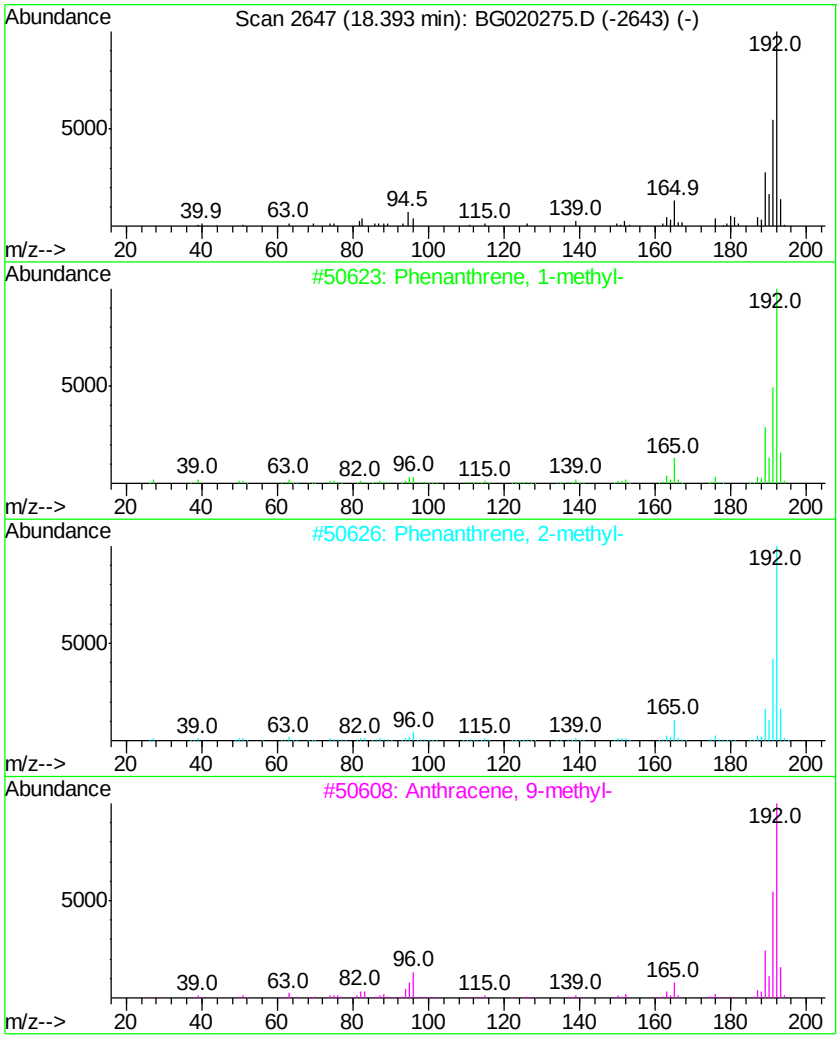
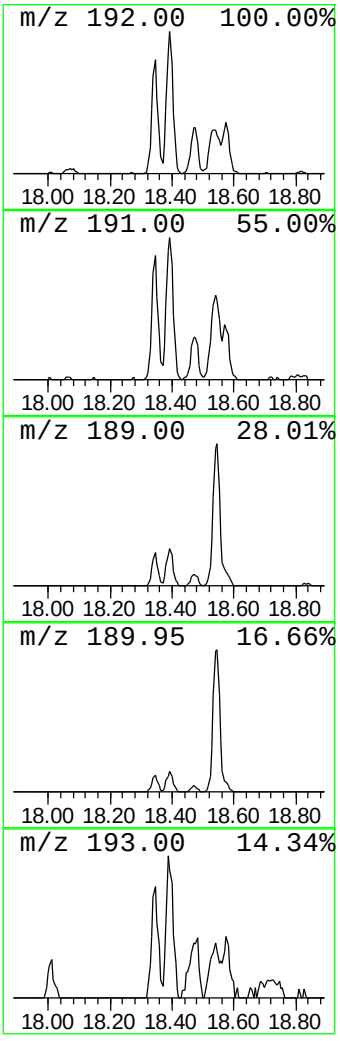
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.74 ng/ul	73867	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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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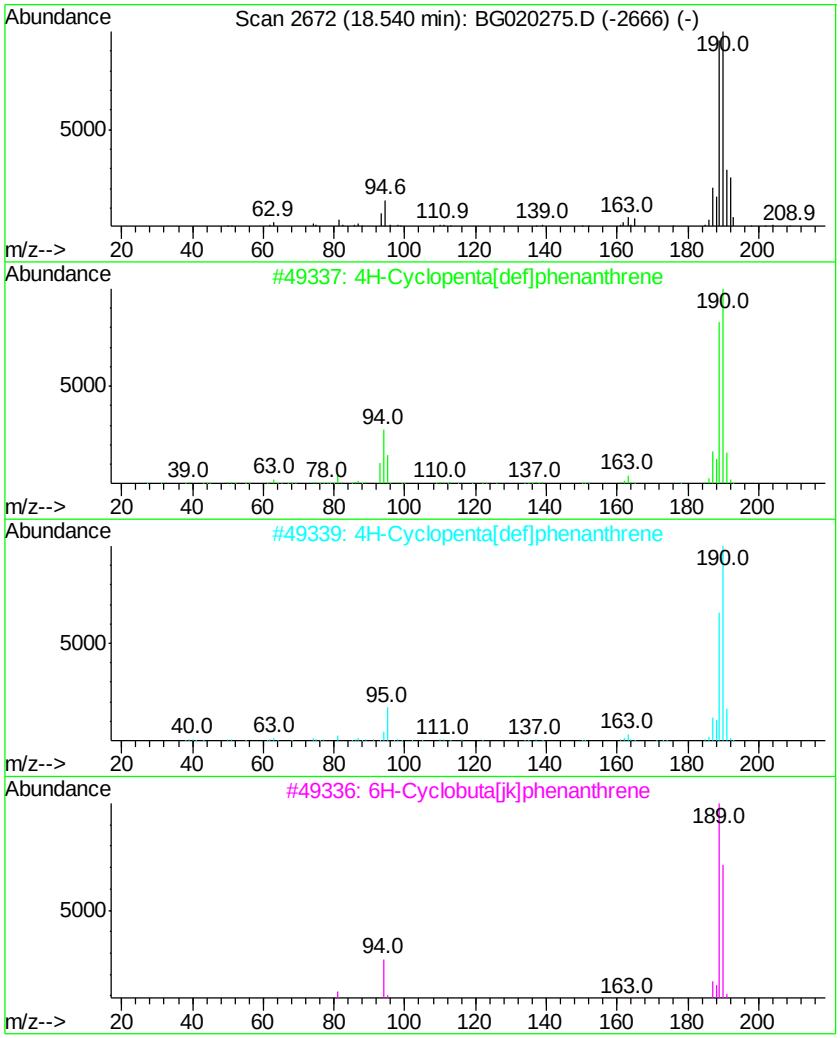
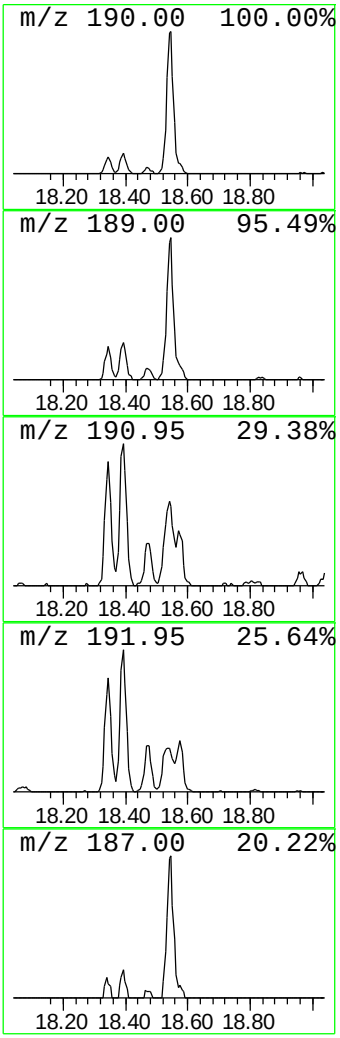
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	7.06 ng/ul	110075	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
5	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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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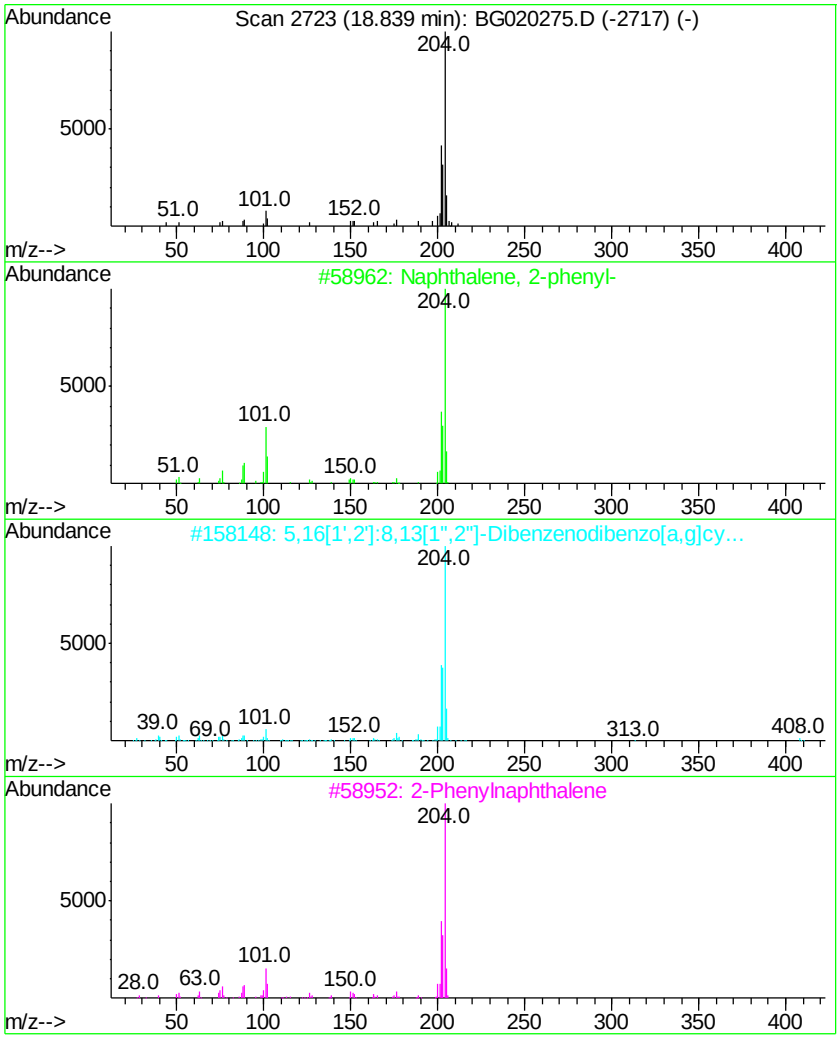
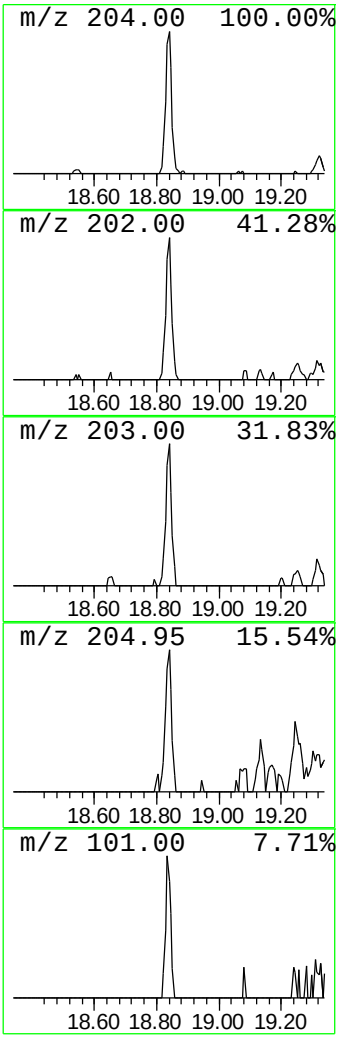
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.38 ng/ul	37089	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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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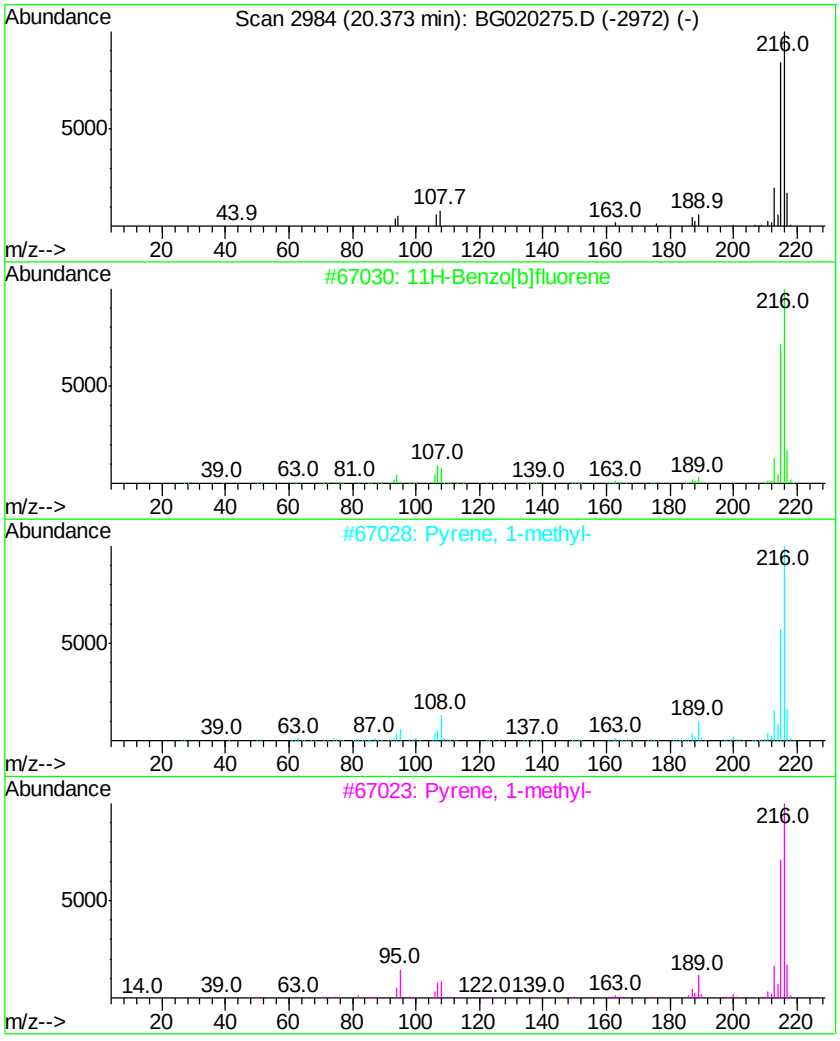
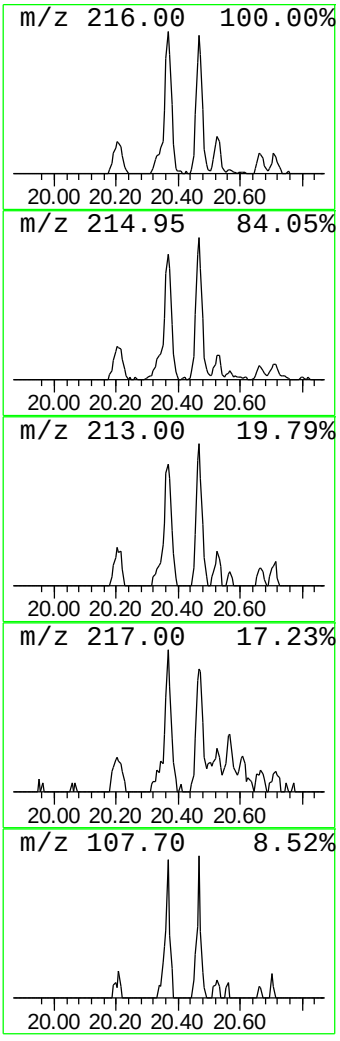
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.68 ng/ul	71053	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N34DL2

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...	12.78	12.2	ng/ul	85829	2	10.91	140498	20.0
Naphthalene, 1,5-...	13.90	3.5	ng/ul	43749	3	14.73	247670	20.0
Naphthalene, 2,7-...	14.05	3.5	ng/ul	43515	3	14.73	247670	20.0
Diphenylmethane	15.93	3.0	ng/ul	37100	3	14.73	247670	20.0
Dibenzofuran, 4-m...	16.06	2.9	ng/ul	35717	3	14.73	247670	20.0
9H-Fluorene, 1-me...	16.77	2.7	ng/ul	42324	4	17.47	311852	20.0
Naphtho[2,3-b]thi...	17.29	3.2	ng/ul	49866	4	17.47	311852	20.0
Phenanthrene, 2-m...	18.35	3.4	ng/ul	53152	4	17.47	311852	20.0
Phenanthrene, 1-m...	18.39	4.7	ng/ul	73867	4	17.47	311852	20.0
4H-Cyclopenta[def...	18.54	7.1	ng/ul	110075	4	17.47	311852	20.0
Naphthalene, 2-ph...	18.84	2.4	ng/ul	37089	4	17.47	311852	20.0
11H-Benzo[b]fluorene	20.37	2.7	ng/ul	71053	5	21.75	530894	20.0