LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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	8.478	951	960	966	rBV	794019	1393092	1.68%	0.132%
2	8.666	976	992	998	rBV	4071040	8964411	10.82%	0.851%
3	10.429	1285	1292	1306	rVB3	368199	1533282	1.85%	0.145%
4	11.140	1375	1413	1416	rVV3	9771100	82815554	100.00%	7.857%
5	11.187	1416	1421	1426	rVB	3093109	4323880	5.22%	0.410%
6	12.479	1634	1641	1651	rVB	724443	1685315	2.04%	0.160%
7	12.667	1651	1673	1678	rVV2	9234544	47534846	57.40%	4.510%
8	12.732	1678	1684	1690	rVV	1102465	1768590	2.14%	0.168%
9	12.873	1690	1708	1713	rVV2	8227781	28007934	33.82%	2.657%
10	13.613	1818	1834	1839	rBV	7886297	20173665	24.36%	1.914%
11	13.790	1856	1864	1874	rVV	4018306	9326108	11.26%	0.885%
12	13.948	1874	1891	1896	rVV	5192787	16082929	19.42%	1.526%
13	14.101	1905	1917	1920	rVV	5607909	14940308	18.04%	1.417%
14	14.148	1920	1925	1930	rVV	5725593	9316787	11.25%	0.884%
15	14.318	1946	1954	1957	rVV	2942148	5637484	6.81%	0.535%
16	14.348	1957	1959	1964	rVB	1392129	1488375	1.80%	0.141%
17	14.483	1976	1982	1989	rVB	4896134	8483315	10.24%	0.805%
18	14.812	2023	2038	2041	rBV	7161645	16528527	19.96%	1.568%
19	15.082	2075	2084	2092	rBV2	3137372	5708820	6.89%	0.542%
20	15.223	2092	2108	2110	rBV2	9568878	34133581	41.22%	3.238%
21	15.259	2112	2114	2117	rVB2	10773246	8610642	10.40%	0.817%
22	15.376	2126	2134	2138	rBV2	1689121	2964074	3.58%	0.281%
23	15.429	2138	2143	2153	rVB2	1639129	2581185	3.12%	0.245%
24	15.541	2153	2162	2165	rBV2	1097127	2564984	3.10%	0.243%
25	15.740	2184	2196	2199	rBV5	581766	1988341	2.40%	0.189%
26	15.875	2199	2219	2221	rBV3	8746279	39172078	47.30%	3.717%
27	15.940	2227	2230	2232	rBV	2545792	3286421	3.97%	0.312%
28	15.975	2232	2236	2238	rVV2	3416990	6058671	7.32%	0.575%
29	16.011	2238	2242	2246	rVV3	5789349	11028427	13.32%	1.046%
30	16.046	2246	2248	2251	rVV	1736021	2162554	2.61%	0.205%
31	16.087	2251	2255	2257	rVV	4002289	5937674	7.17%	0.563%
32	16.128	2257	2262	2267	rVB	6091119	10868072	13.12%	1.031%
33	16.275	2275	2287	2296	rBV2	5465505	18305799	22.10%	1.737%
34	16.351	2296	2300	2304	rVB	1718660	2078748	2.51%	0.197%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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	16.598	2336	2342	2347	rVB	4108147	6557699	7.92%	0.622%
36	16.757	2364	2369	2371	rBV3	1624462	2706935	3.27%	0.257%
37	16.816	2374	2379	2383	rVV2	5460459	9423678	11.38%	0.894%
38	16.868	2383	2388	2391	rVV	2417164	3658518	4.42%	0.347%
39	16.962	2397	2404	2407	rVB4	2306123	4098343	4.95%	0.389%
40	17.004	2407	2411	2413	rBV	1363270	1887405	2.28%	0.179%
41	17.033	2413	2416	2419	rVV	1143969	1761639	2.13%	0.167%
42	17.068	2419	2422	2426	rVB	1503180	2089644	2.52%	0.198%
43	17.150	2433	2436	2446	rVB6	684598	1502761	1.81%	0.143%
44	17.250	2446	2453	2460	rVV3	3272065	8163110	9.86%	0.774%
45	17.356	2460	2471	2485	rVB	7298417	20453922	24.70%	1.941%
46	17.656	2495	2522	2525	rBV5	10679790	74440028	89.89%	7.063%
47	17.773	2539	2542	2547	rVB	9621484	13649194	16.48%	1.295%
48	17.961	2563	2574	2581	rBV2	6363466	14836642	17.92%	1.408%
49	18.044	2582	2588	2592	rBV2	2530415	4151479	5.01%	0.394%
50	18.237	2616	2621	2631	rVB	1279111	2591893	3.13%	0.246%
51	18.414	2639	2651	2654	rBV	6787435	16854898	20.35%	1.599%
52	18.478	2654	2662	2668	rVV	9137613	19726556	23.82%	1.872%
53	18.561	2668	2676	2680	rVV2	3109581	7886353	9.52%	0.748%
54	18.643	2680	2690	2701	rVB4	10058046	37969251	45.85%	3.602%
55	18.731	2701	2705	2710	rBV	1094184	1633980	1.97%	0.155%
56	18.825	2717	2721	2725	rVV3	907178	1776092	2.14%	0.169%
57	18.895	2725	2733	2737	rVB	6733077	12597357	15.21%	1.195%
58	19.001	2746	2751	2758	rVB2	1713777	2663354	3.22%	0.253%
59	19.113	2761	2770	2775	rBV3	2049174	3629223	4.38%	0.344%
60	19.166	2775	2779	2782	rBV	1557311	1950434	2.36%	0.185%
61	19.201	2782	2785	2789	rVB	1187468	1458519	1.76%	0.138%
62	19.289	2793	2800	2805	rBV	2507776	5224301	6.31%	0.496%
63	19.360	2808	2812	2819	rVB2	1702738	3676923	4.44%	0.349%
64	19.630	2839	2858	2861	rBV4	10191247	52477285	63.37%	4.979%
65	19.836	2887	2893	2901	rBV	2909262	5086343	6.14%	0.483%
66	20.000	2902	2921	2925	rBV5	11281840	58043920	70.09%	5.507%
67	20.123	2937	2942	2946	rVB	3763600	5549383	6.70%	0.527%
68	20.264	2956	2966	2970	rBV2	3615909	8997763	10.86%	0.854%
69	20.311	2970	2974	2978	rVB	2125829	2929457	3.54%	0.278%
70	20.441	2980	2996	3002	rVB2	7020006	20207115	24.40%	1.917%
71	20.546	3002	3014	3017	rBV	7215462	18580233	22.44%	1.763%

LSC Area Percent Report

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Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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	20.599	3017	3023	3025	rBV2	1451708	2998234	3.62%	0.284%
73	20.723	3038	3044	3048	rBV	2208849	3750696	4.53%	0.356%
74	20.764	3048	3051	3060	rVB2	2364228	4089397	4.94%	0.388%
75	20.928	3074	3079	3087	rBV3	1843934	2920215	3.53%	0.277%
76	21.040	3094	3098	3107	rVB4	1487381	3445753	4.16%	0.327%
77	21.122	3107	3112	3118	rBV2	1251659	2896684	3.50%	0.275%
78	21.175	3118	3121	3127	rVV2	797274	1524478	1.84%	0.145%
79	21.369	3146	3154	3157	rBV	3001704	6266633	7.57%	0.595%
80	21.410	3157	3161	3166	rVV	3442396	6058211	7.32%	0.575%
81	21.469	3166	3171	3180	rVB3	3588056	6655906	8.04%	0.631%
82	21.645	3192	3201	3210	rBV	943810	2268271	2.74%	0.215%
83	21.816	3212	3230	3235	rBV2	7627461	30047252	36.28%	2.851%
84	21.898	3237	3244	3250	rVB	7716752	18756516	22.65%	1.780%
85	22.027	3258	3266	3271	rBV	2948822	6041426	7.30%	0.573%
86	22.145	3283	3286	3291	rVV	888047	1411276	1.70%	0.134%
87	22.215	3291	3298	3304	rVV2	2070248	4197863	5.07%	0.398%
88	22.450	3332	3338	3343	rVV2	588822	1411024	1.70%	0.134%
89	22.532	3344	3352	3357	rVV	1560732	4071909	4.92%	0.386%
90	22.603	3359	3364	3372	rVV	779868	1633218	1.97%	0.155%
91	22.756	3384	3390	3395	rVV3	834140	1830868	2.21%	0.174%
92	22.820	3395	3401	3405	rVV2	950511	2357092	2.85%	0.224%
93	22.867	3406	3409	3415	rVB	1216248	2104047	2.54%	0.200%
94	22.944	3415	3422	3429	rBV2	830993	1631047	1.97%	0.155%
95	24.089	3597	3617	3622	rBV	3036972	13832641	16.70%	1.312%
96	24.313	3646	3655	3662	rVB	840719	2097417	2.53%	0.199%
97	24.806	3726	3739	3751	rVV	1613874	5668519	6.84%	0.538%
98	24.977	3752	3768	3774	rVV2	2666415	8943315	10.80%	0.849%
99	25.182	3793	3803	3813	rVB2	848150	2695572	3.25%	0.256%
100	28.849	4406	4427	4443	rVB3	586903	4048098	4.89%	0.384%

Sum of corrected areas: 1053999681

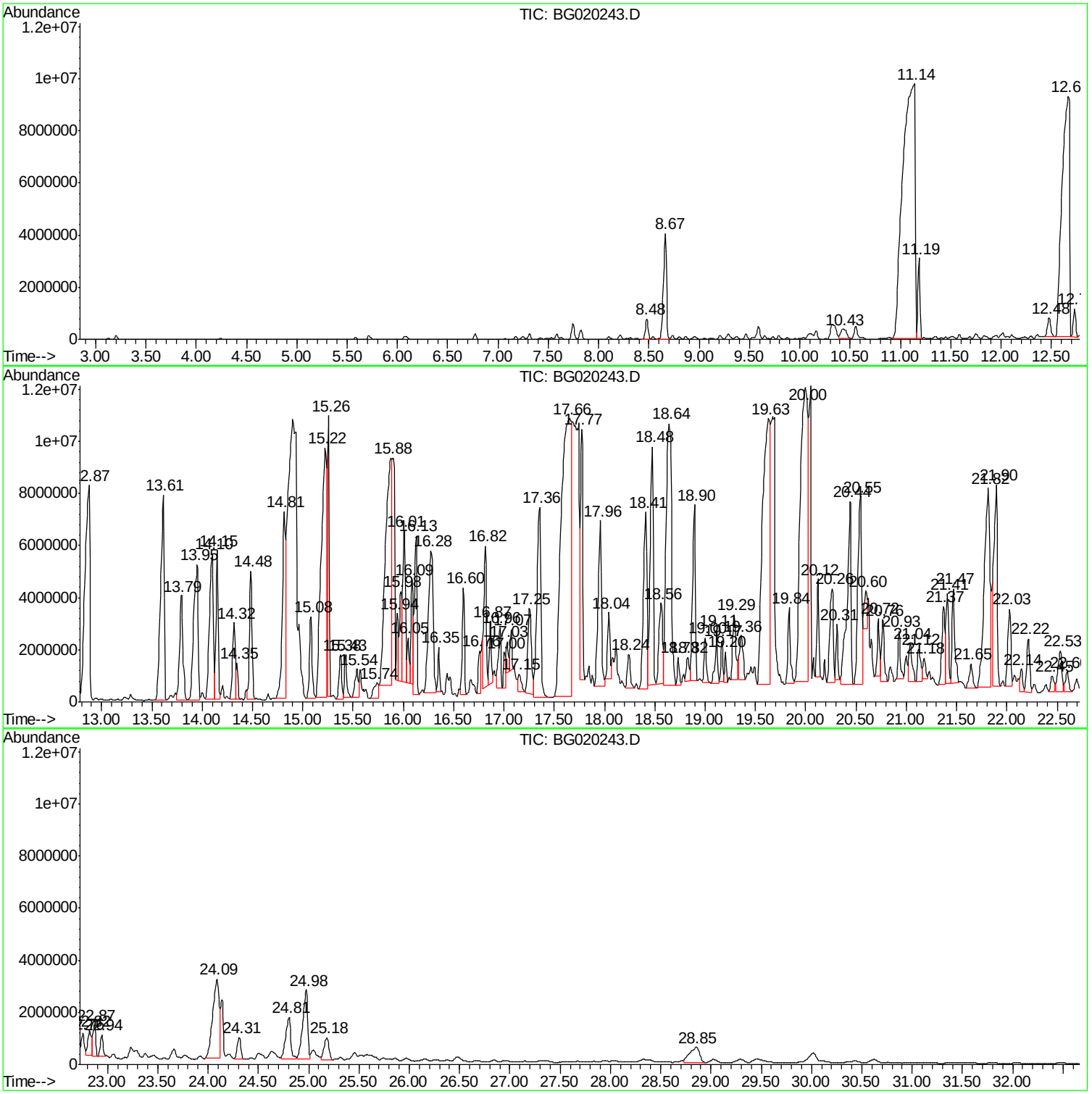
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N44

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\BG121715\
Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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

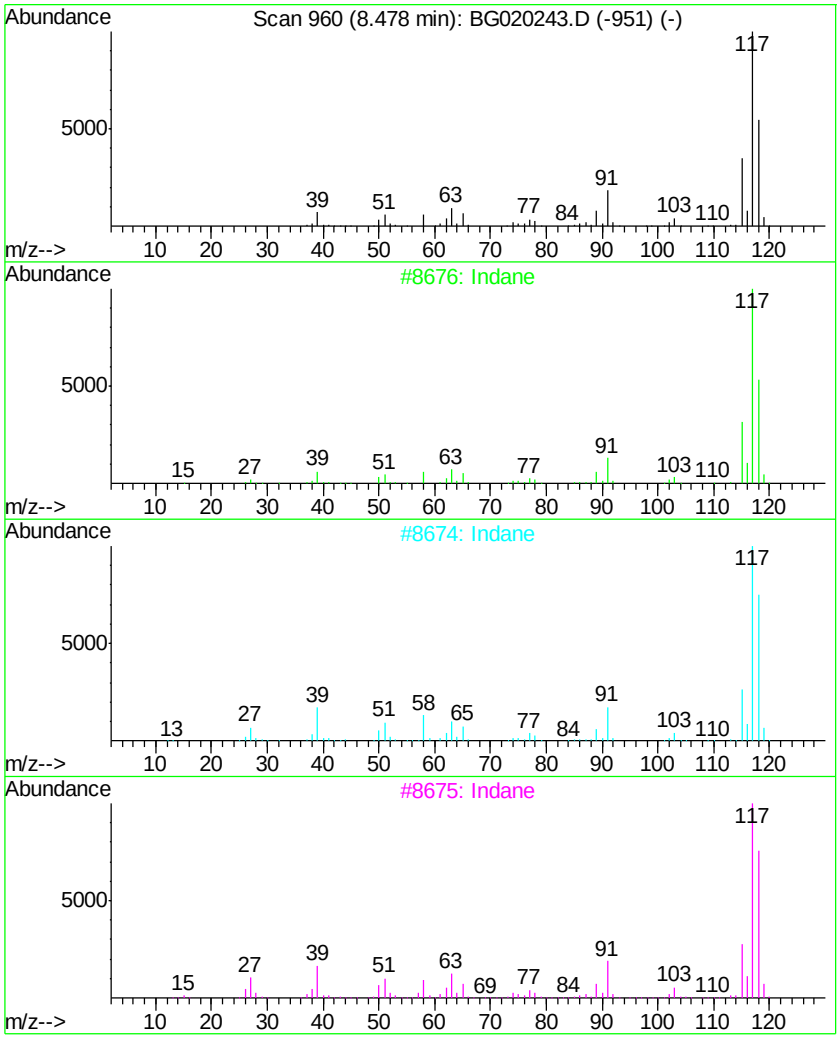
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

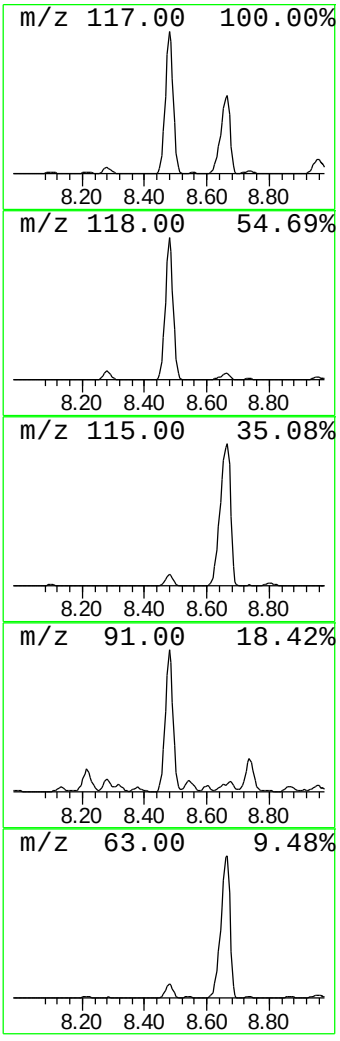
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	20.00 ng/ul	1393090	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	90
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
5	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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

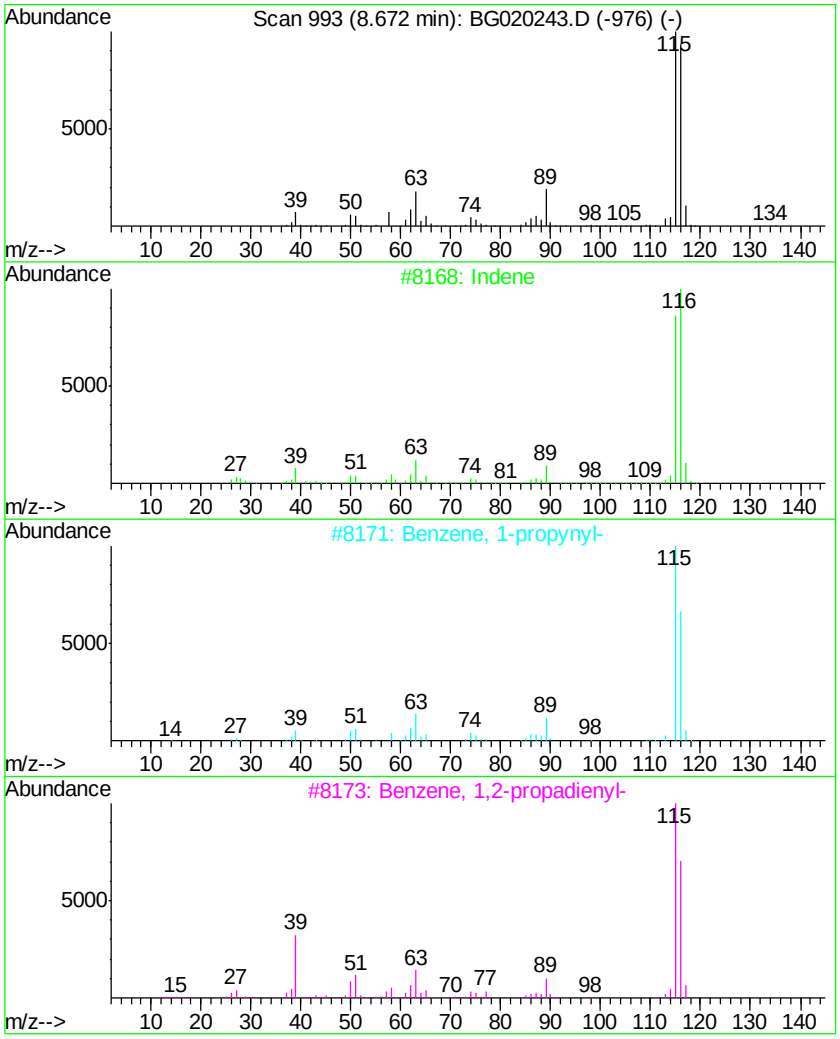
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

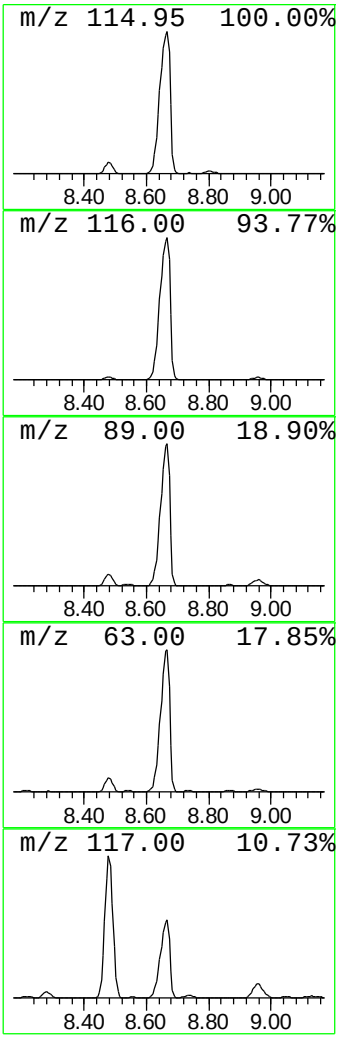
****

Peak Number 2 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	128.70 ng/ul	8964410	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





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Data File : BG020243.D
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Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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

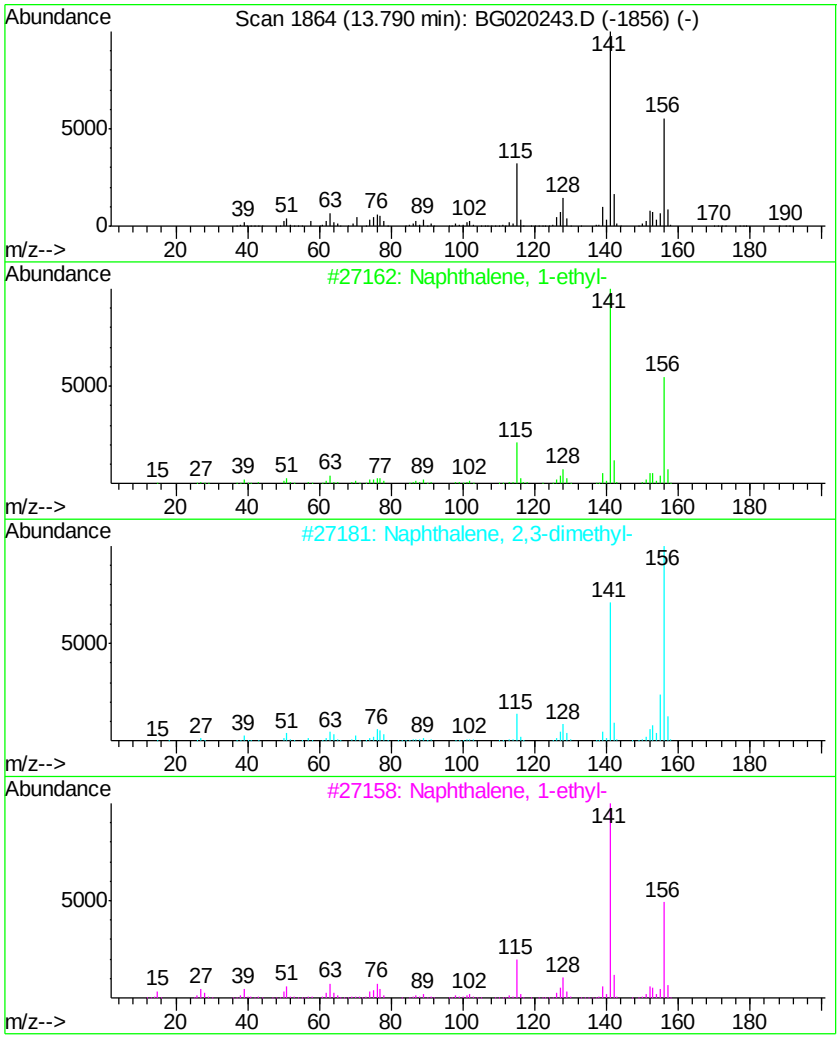
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

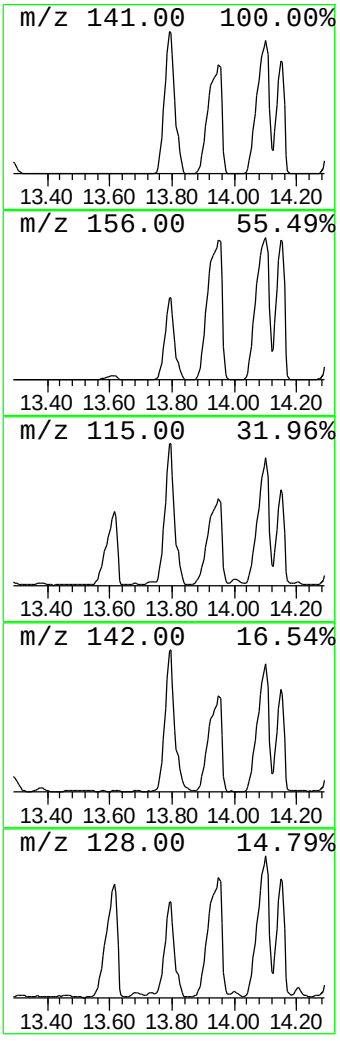
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	11.28 ng/ul	9326110	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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

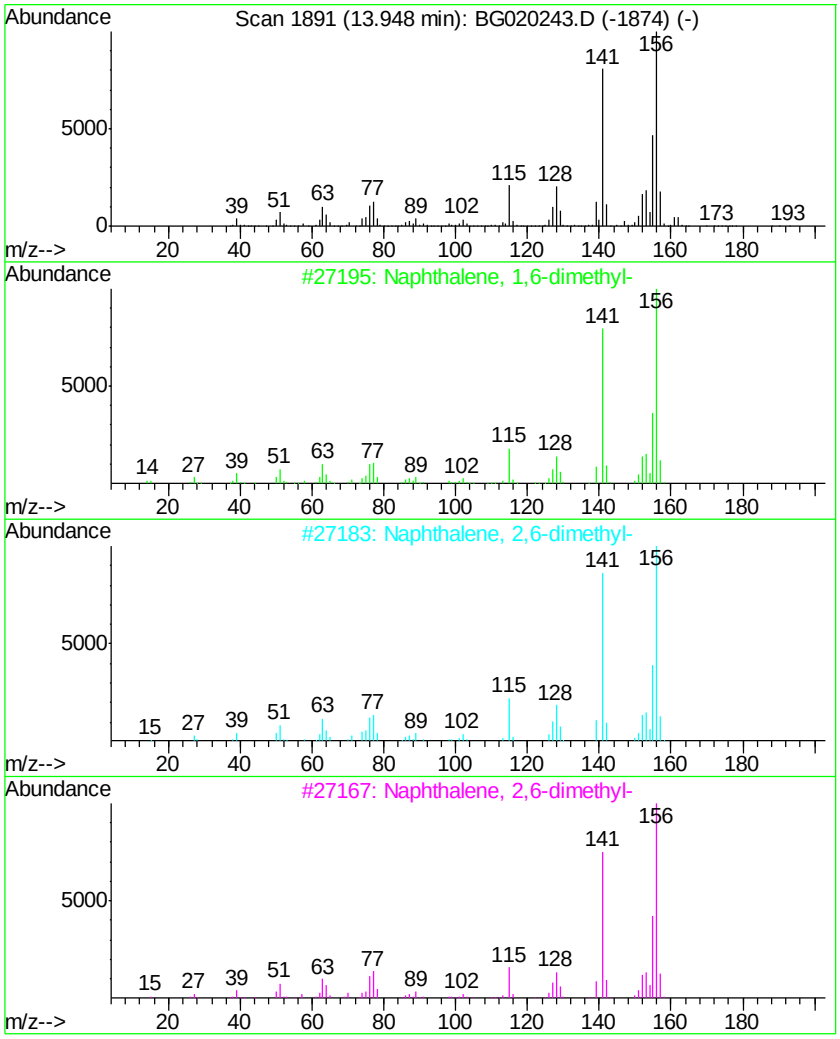
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

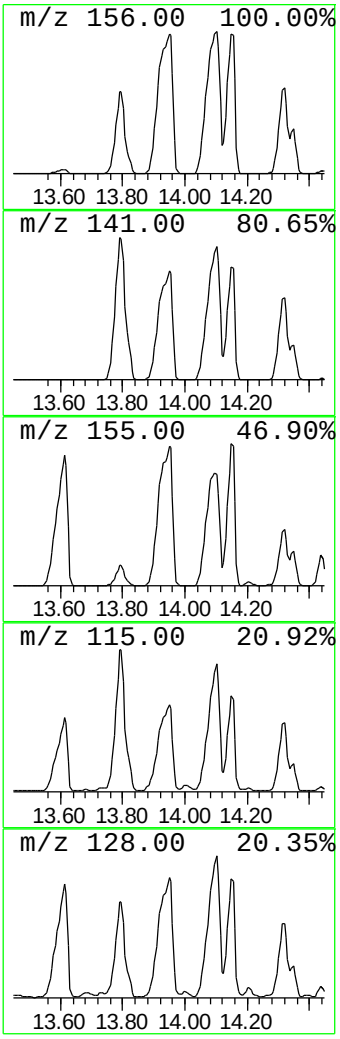
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	19.46 ng/ul	16082900	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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

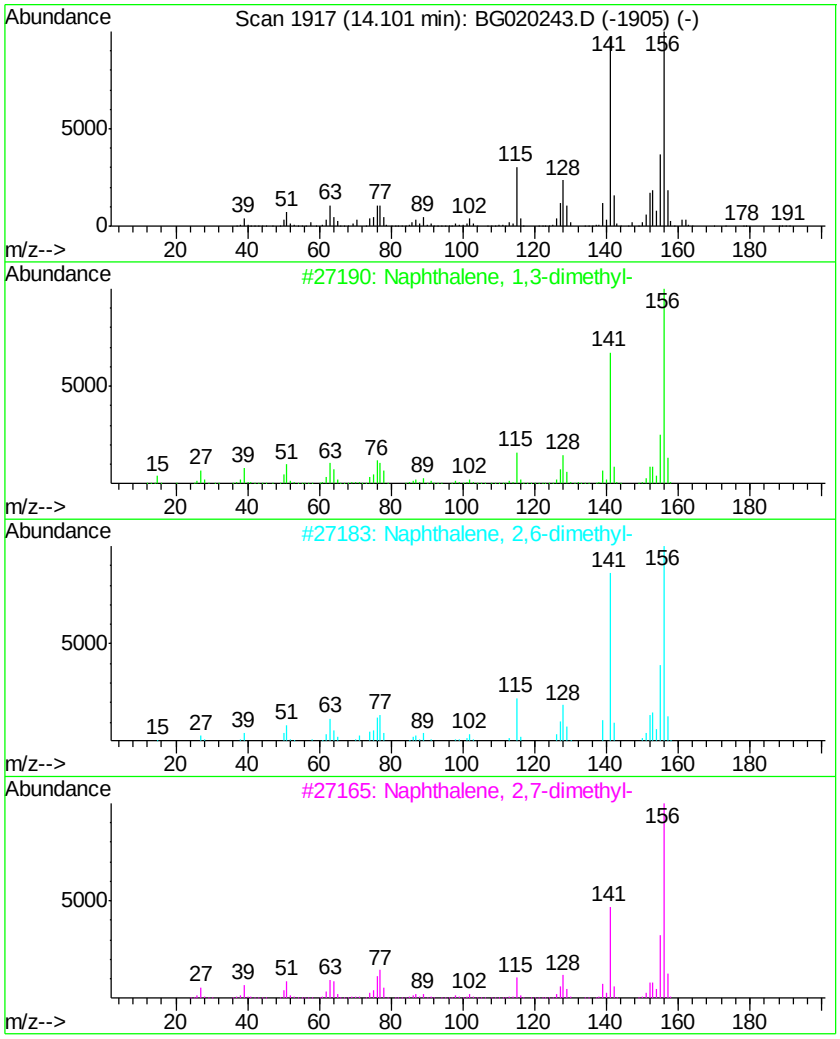
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

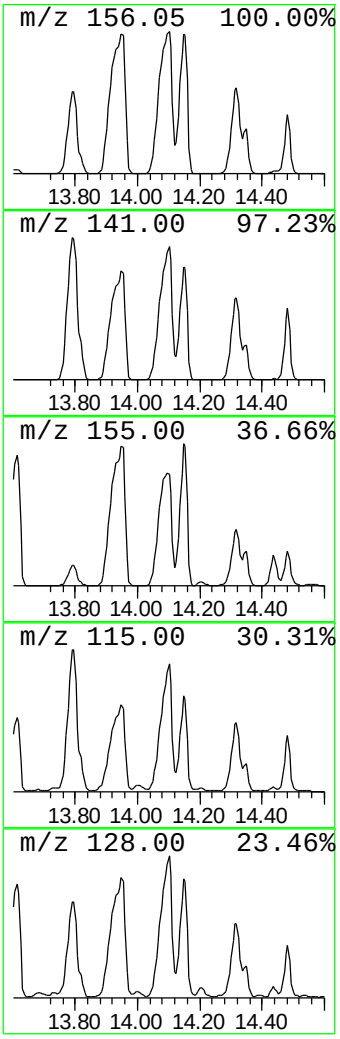
****

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	18.08 ng/ul	14940300	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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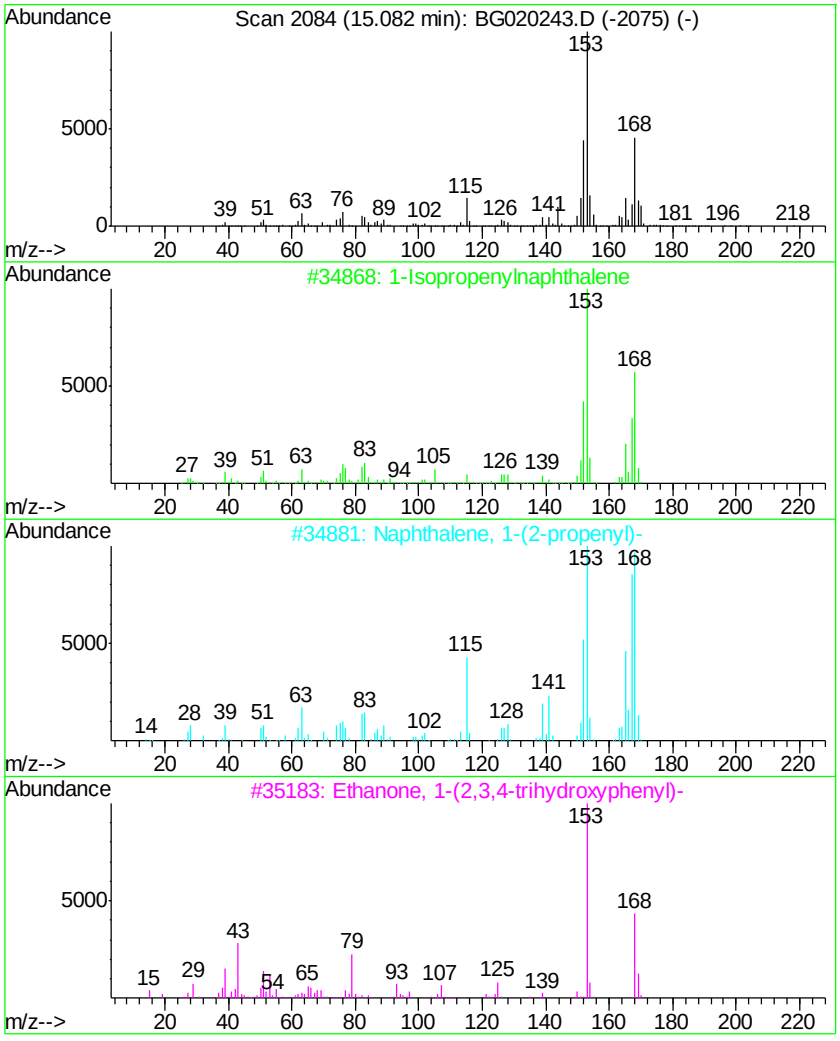
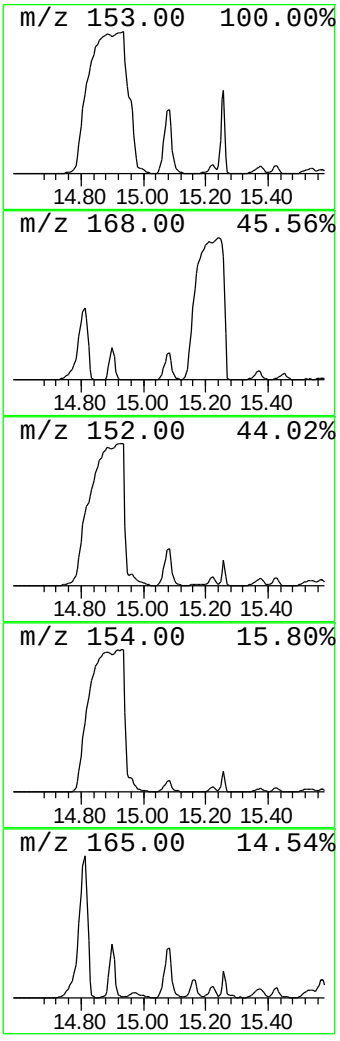
Peak Number 7 1-Isopropenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	6.91 ng/ul	5708820	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
4	2(1H)-Pyridinethione, 1,4,6-trim...	153	C8H11NS	019006-70-3	46
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	43





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Sample : G4767-22
Misc :
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Instrument : BNA_G
ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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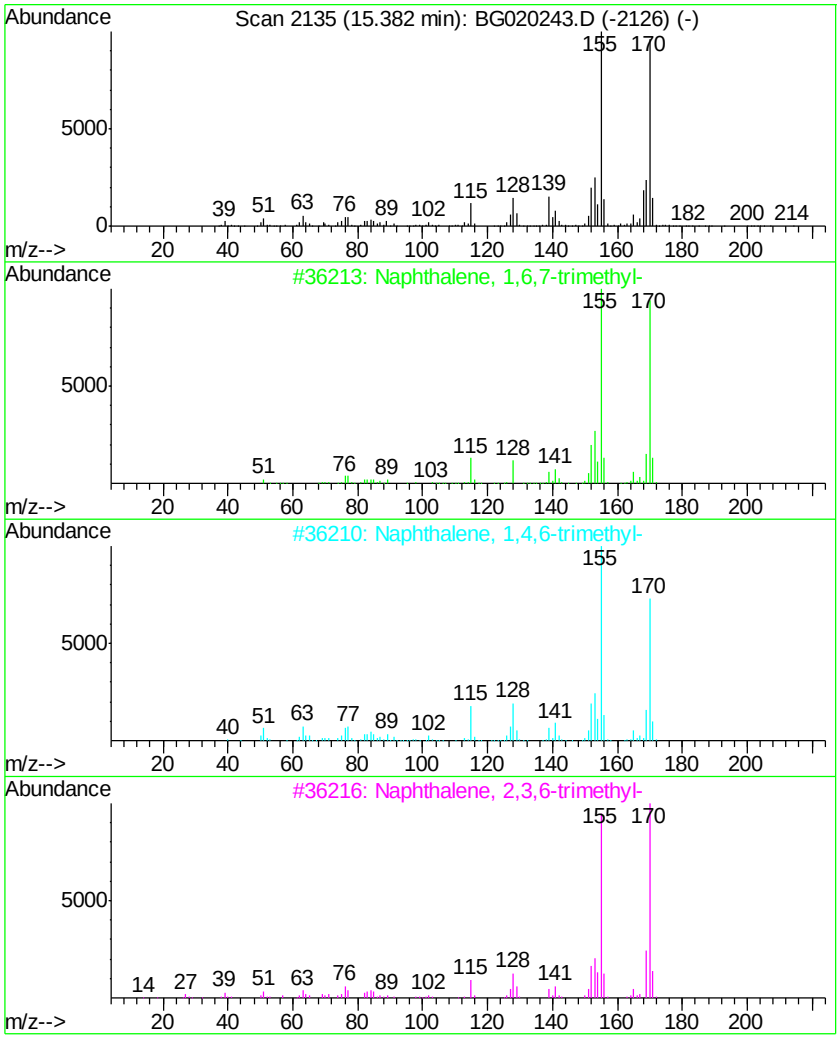
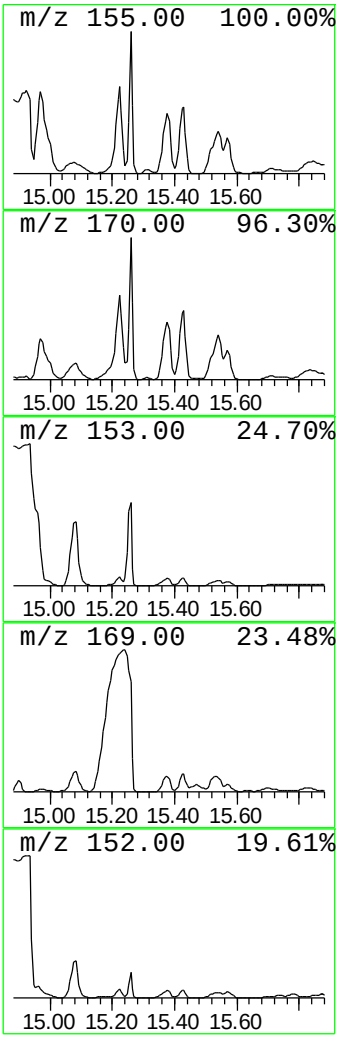
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	3.59 ng/ul	2964070	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





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Sample : G4767-22
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Instrument : BNA_G
ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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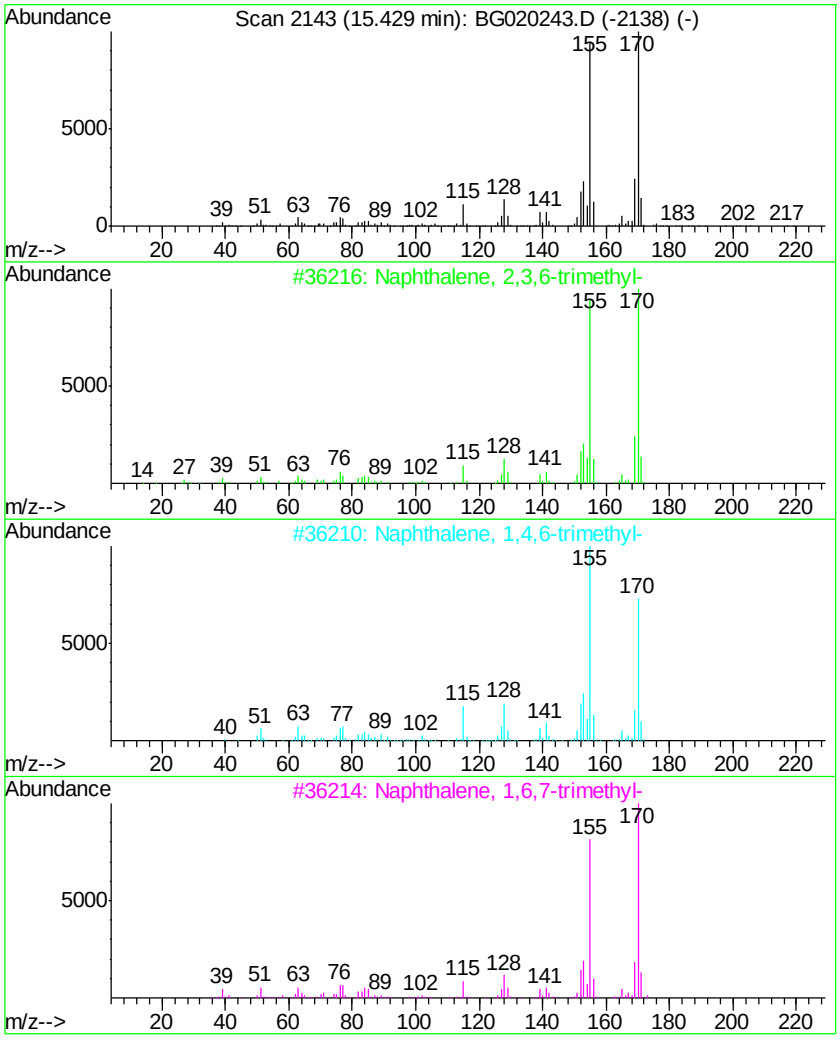
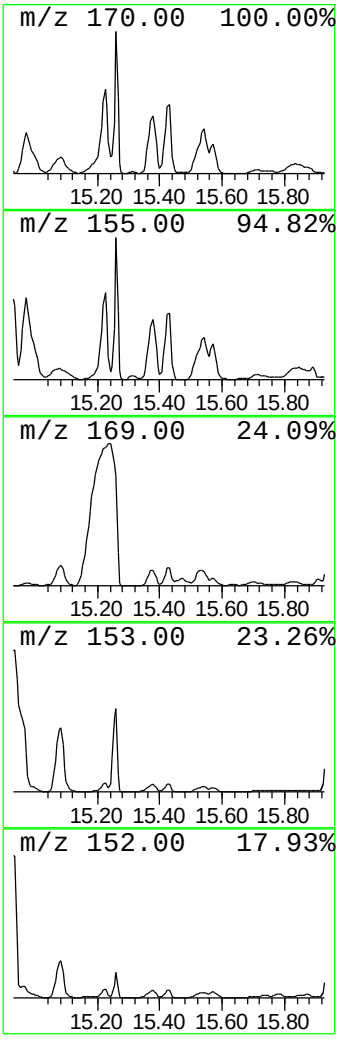
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	3.12 ng/ul	2581190	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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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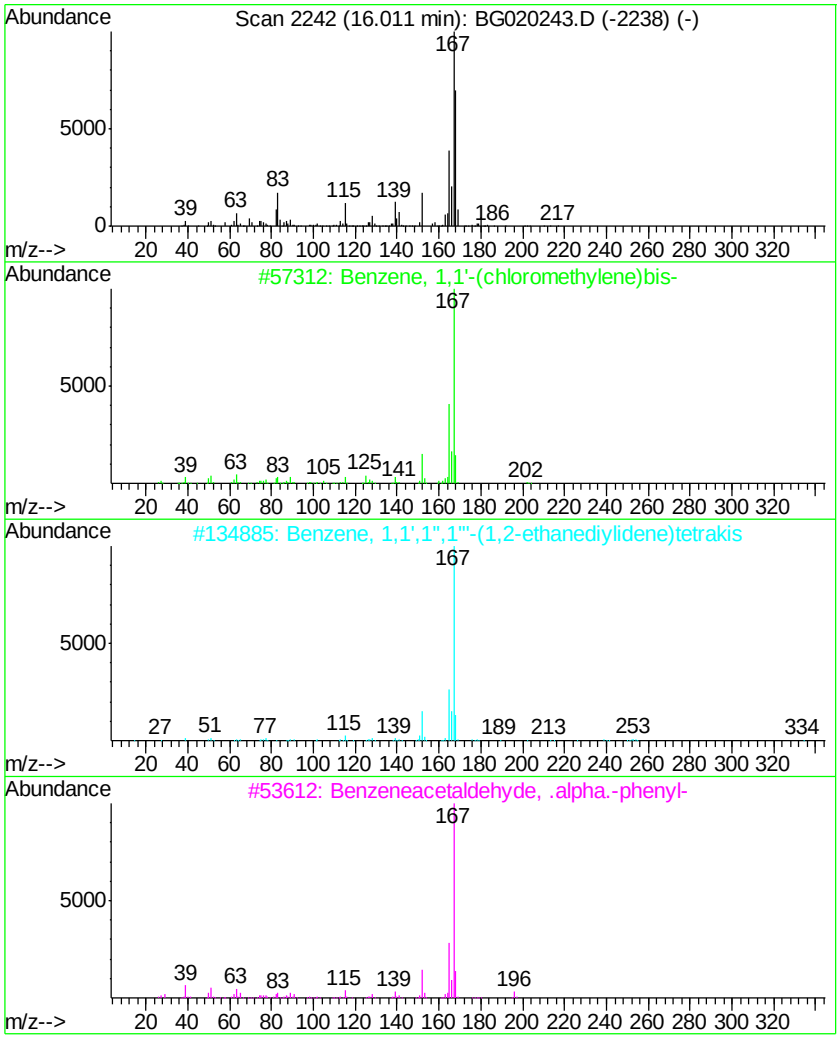
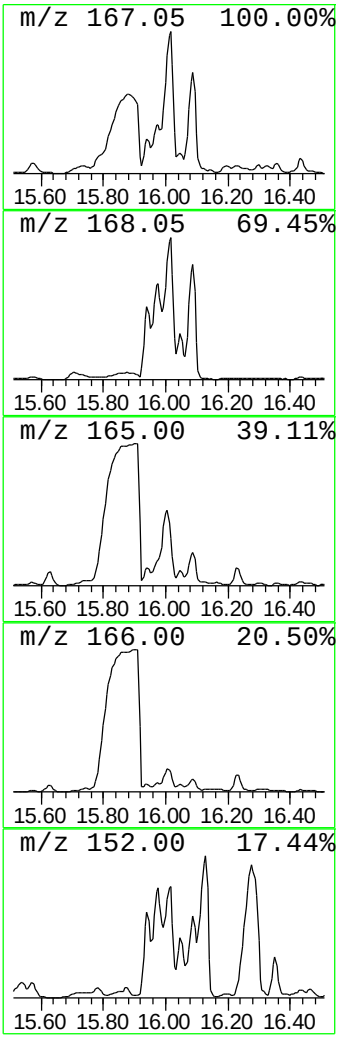
Peak Number 12 Benzene, 1,1'-(chloromethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	13.34 ng/ul	11028400	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	59
2	Benzene, 1,1',1'',1'''-(1,2-etha...	334	C26H22	000632-50-8	59
3	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	53
4	Nordiphenamid	225	C15H15NO	000954-21-2	53
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52





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Instrument : BNA_G
ClientSampleId : D9N44

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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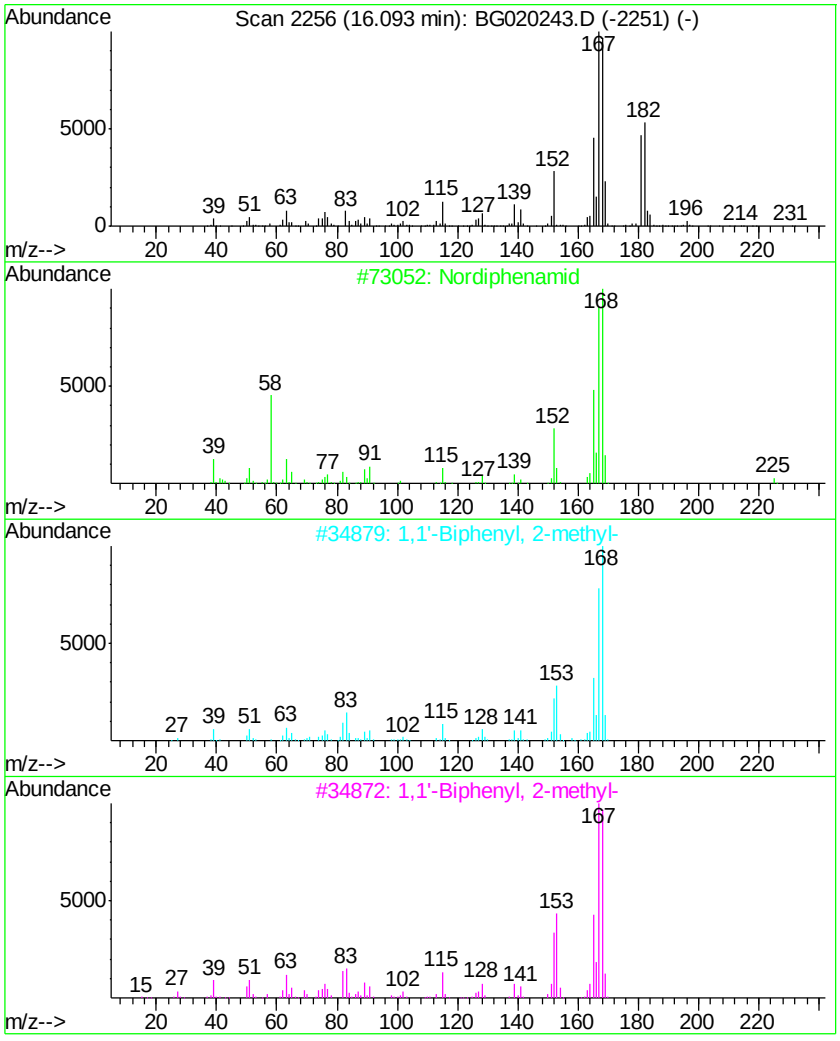
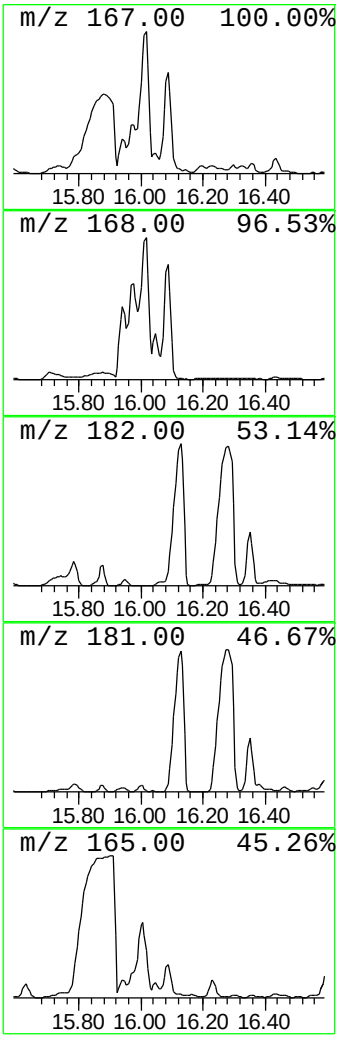
Peak Number 14 Nordiphenamid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	7.18 ng/ul	5937670	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	80
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
5	Diphenylmethane	168	C13H12	000101-81-5	62





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Acq On : 17 Dec 2015 5:24
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Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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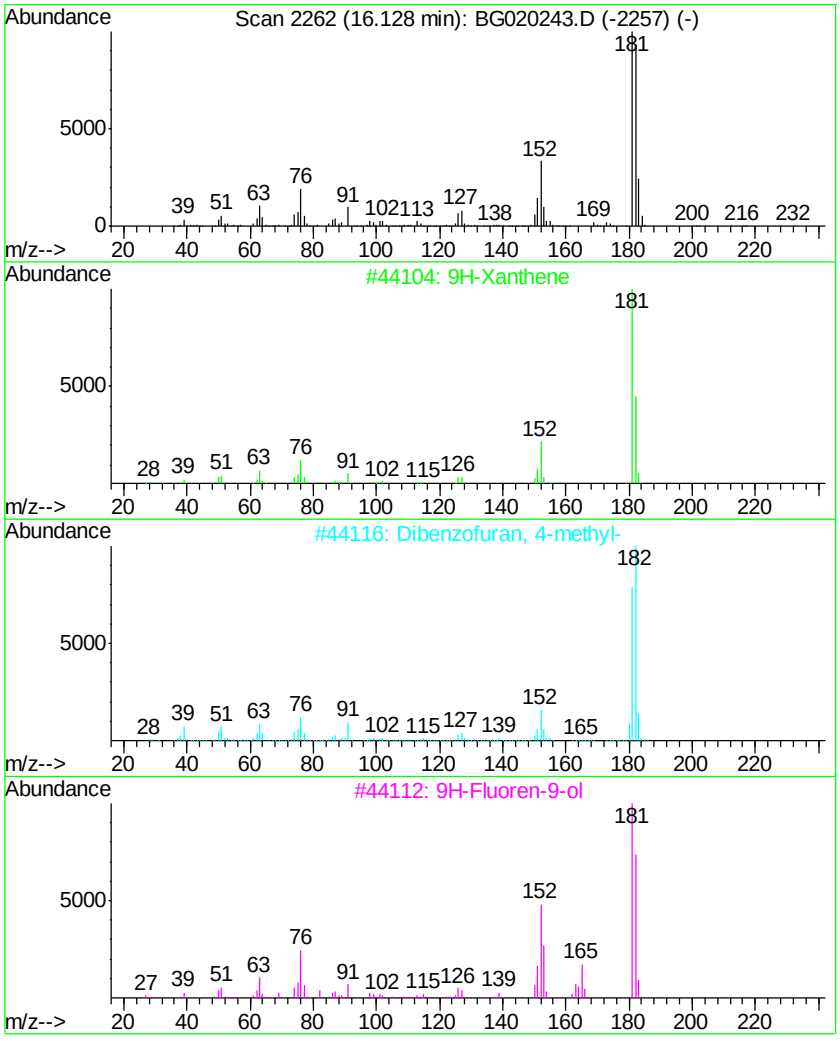
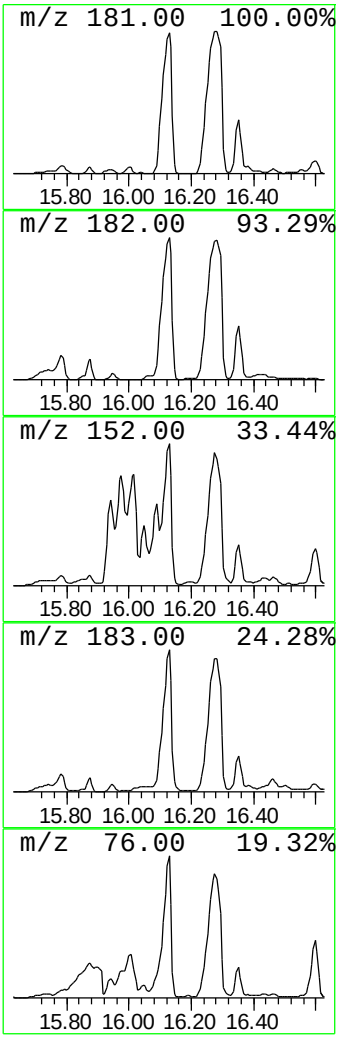
Peak Number 15 9H-Xanthene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	13.15 ng/ul	10868100	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Xanthene	182	C13H10O	000092-83-1	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78





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Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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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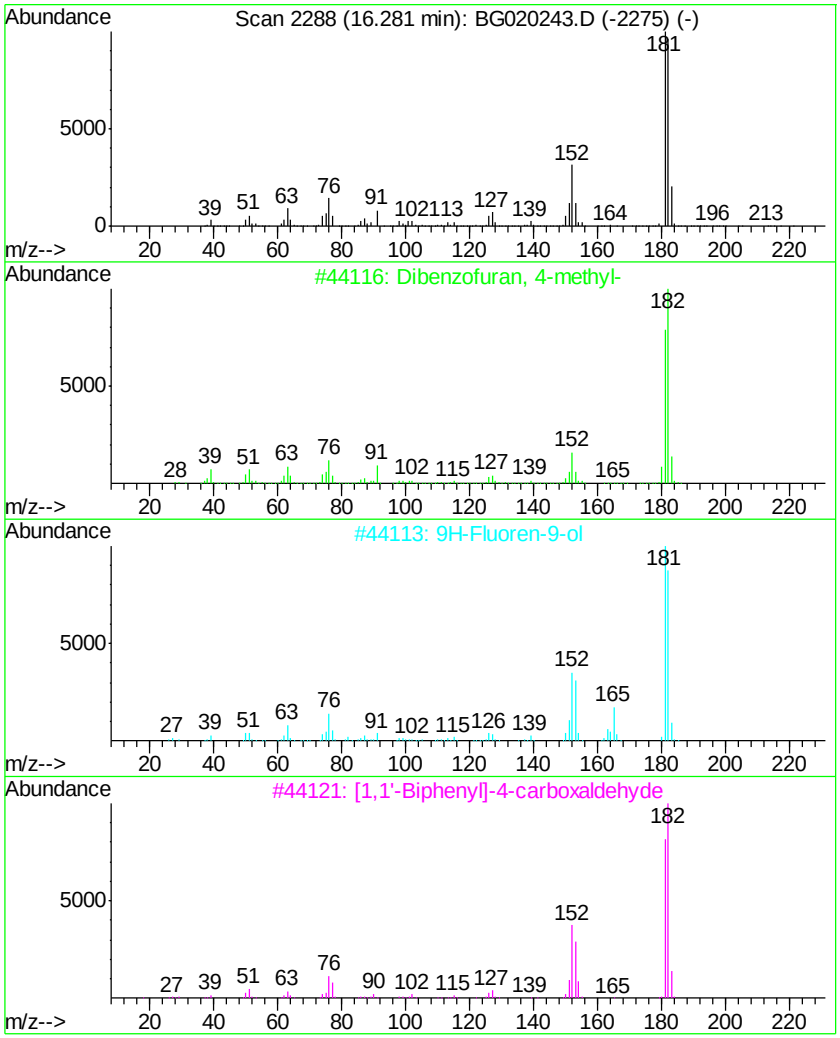
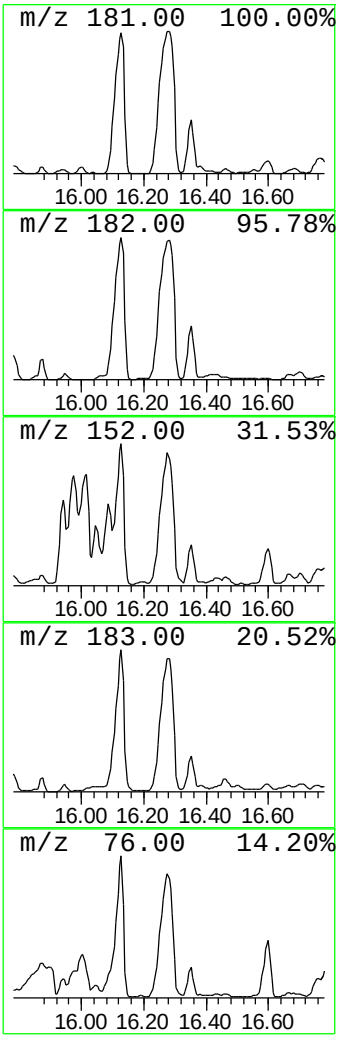
Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	4.92 ng/ul	18305800	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	2-Fluorenamine	181	C13H11N	000153-78-6	60





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Instrument : BNA_G
ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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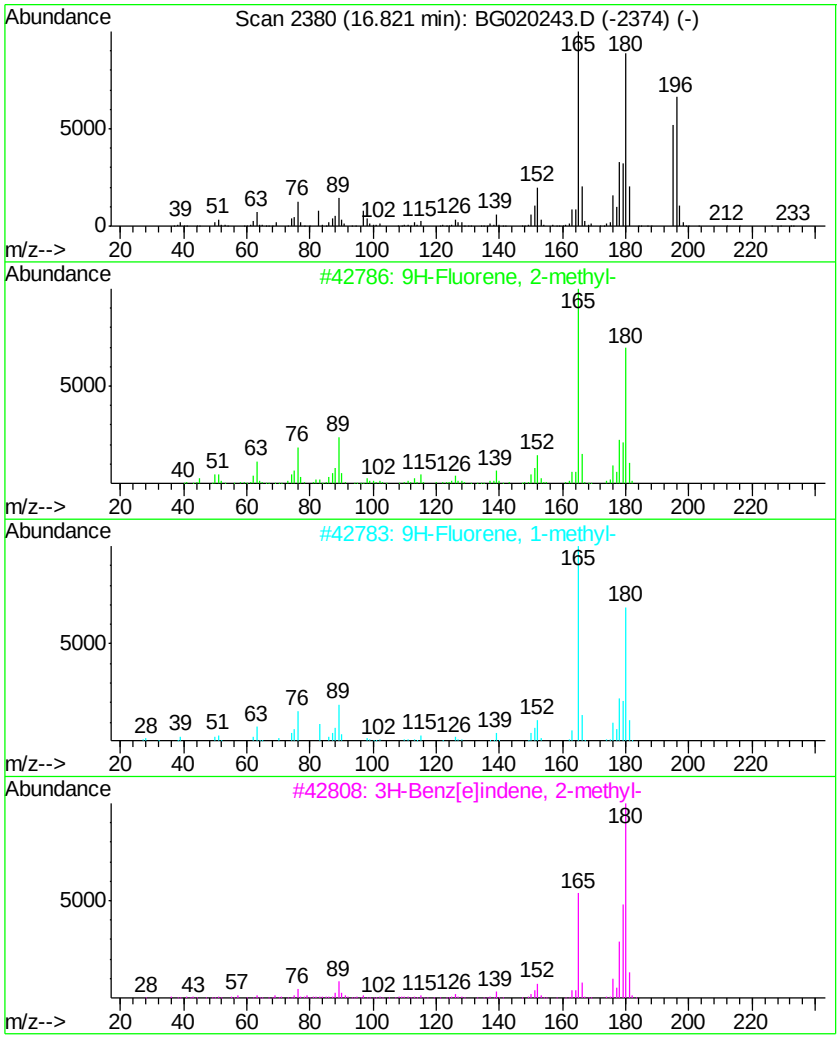
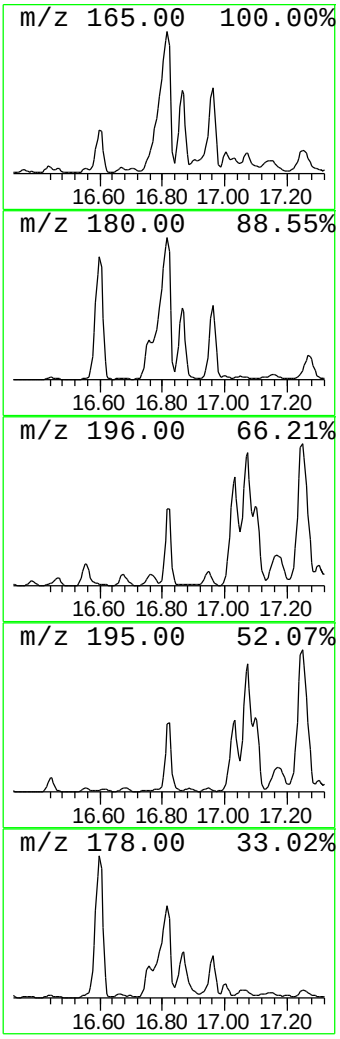
Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	2.53 ng/ul	9423680	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64





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ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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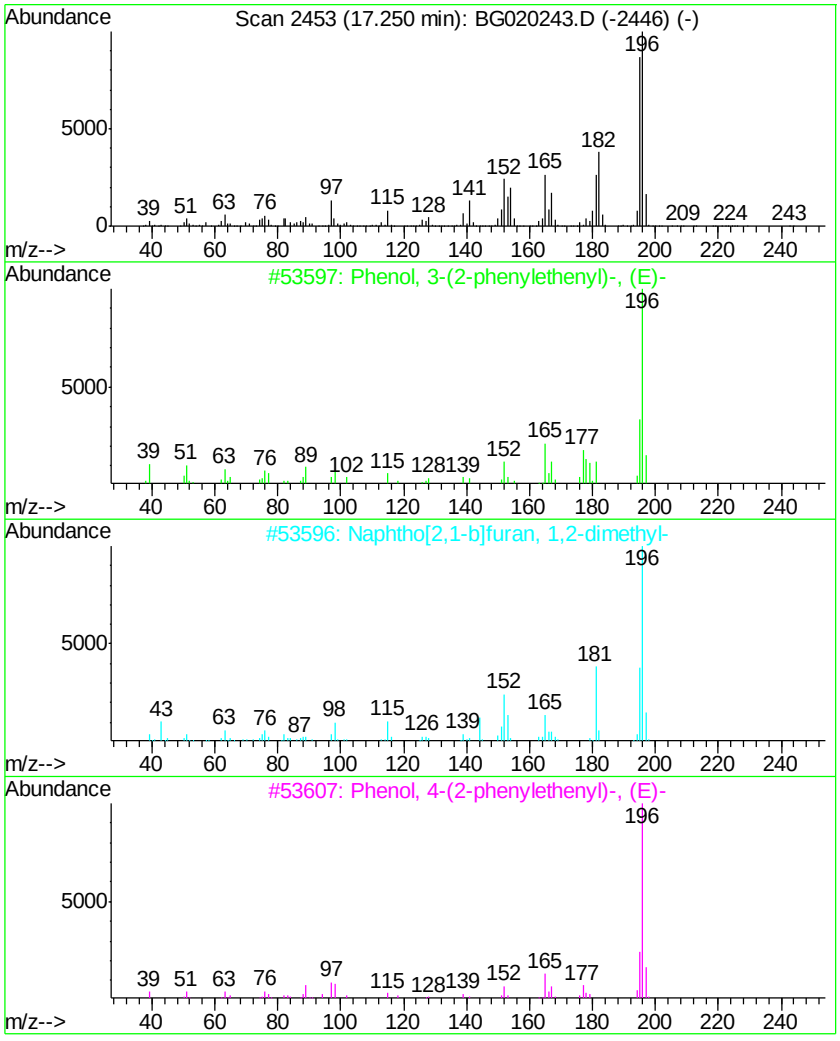
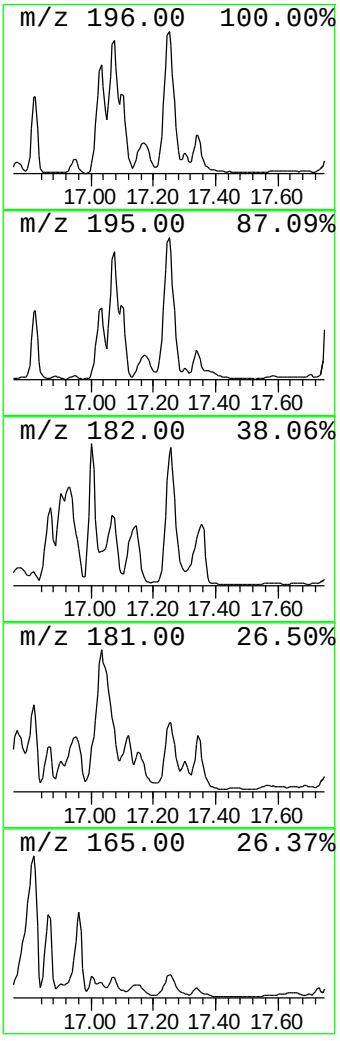
Peak Number 18 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	2.19 ng/ul	8163110	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	45
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	43
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38





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Quant Title : SVOA CALIBRATION

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

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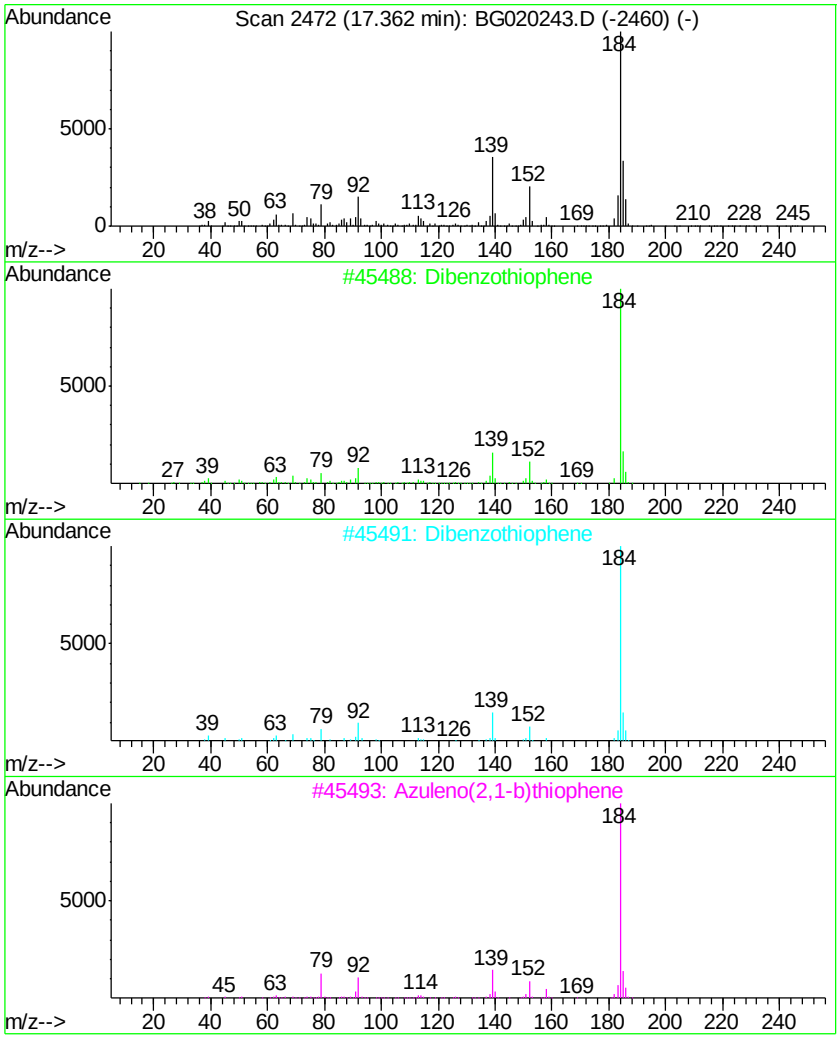
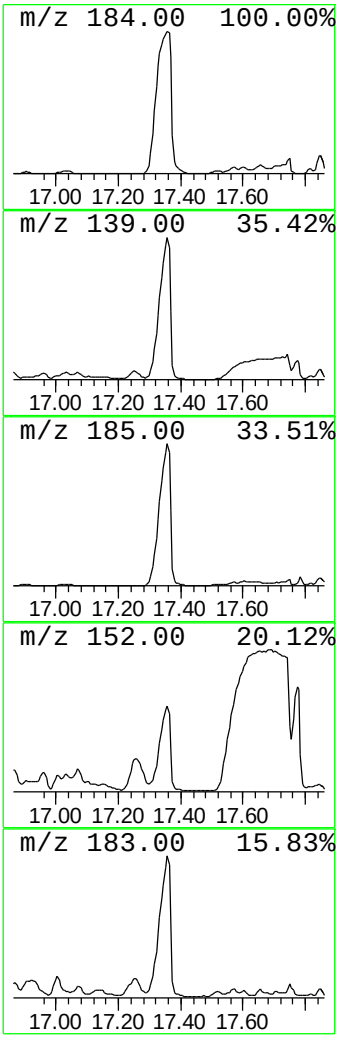
Peak Number 19 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	5.50 ng/ul	20453900	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
4	Dibenzothiophene	184	C12H8S	000132-65-0	87
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	81





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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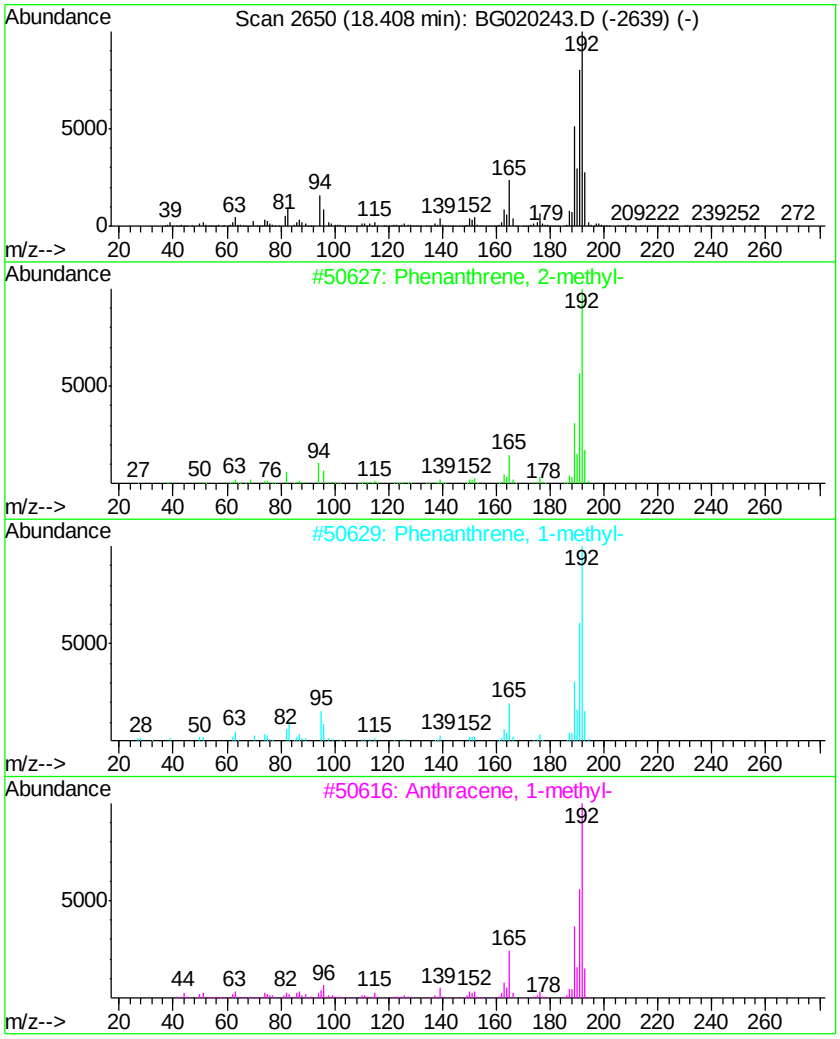
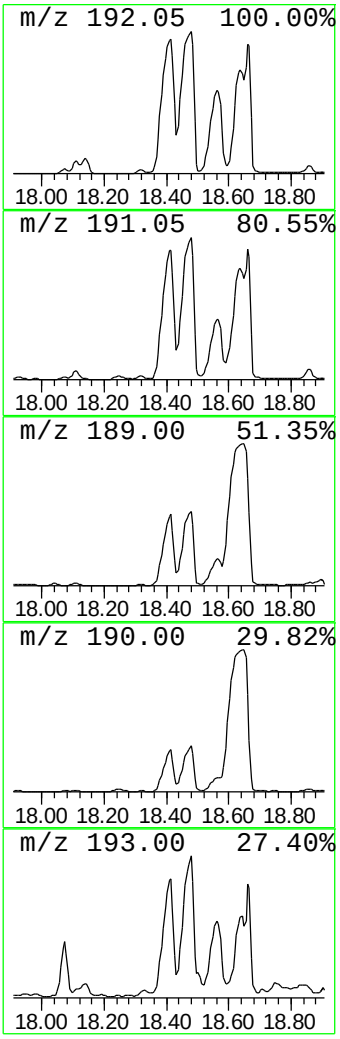
Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.53 ng/ul	16854900	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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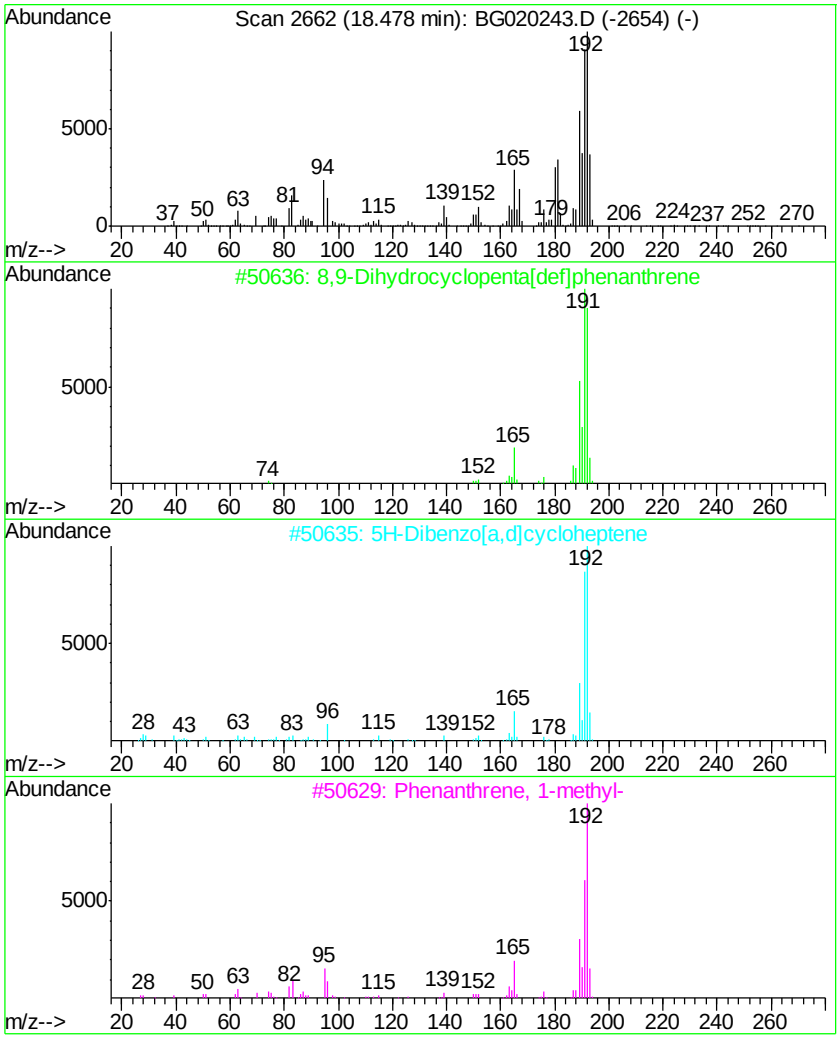
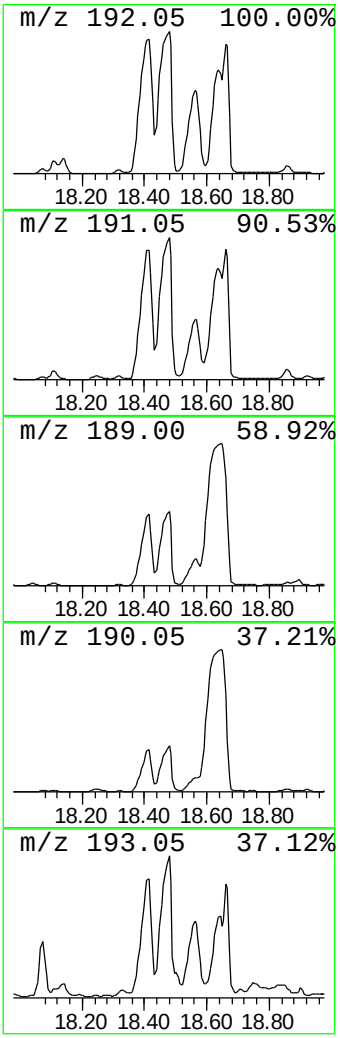
Peak Number 21 8,9-Dihydrocyclopenta[def]p... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	5.30 ng/ul	19726600	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	53





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Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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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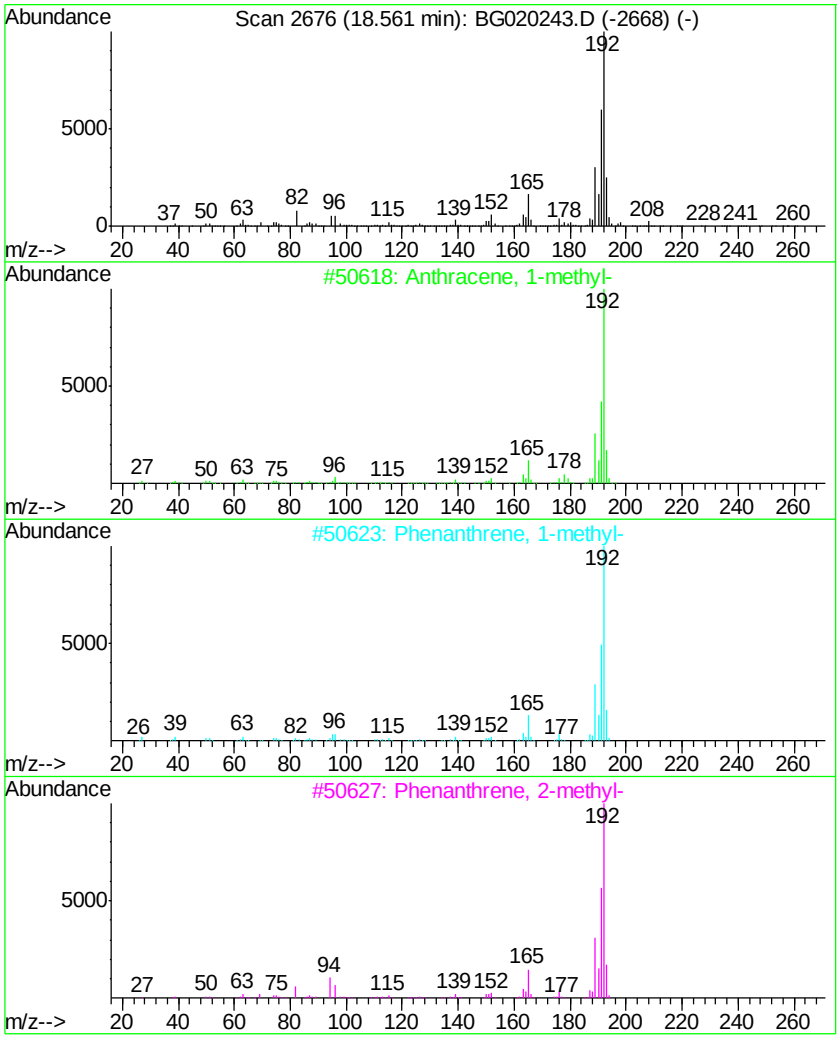
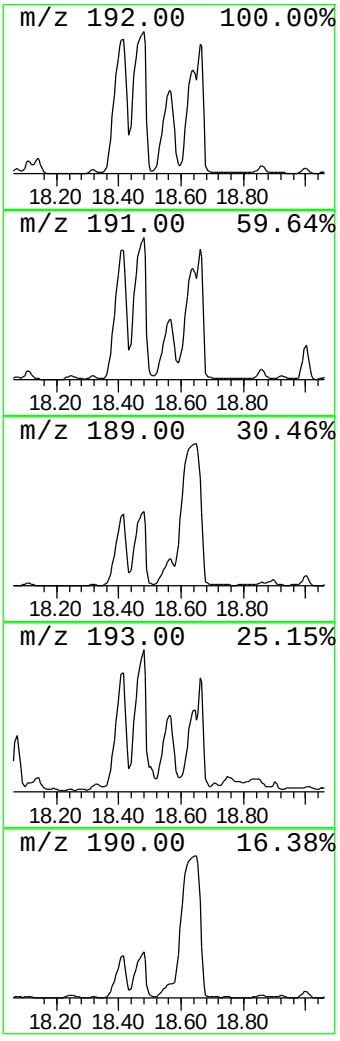
Peak Number 22 Anthracene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.12 ng/ul	7886350	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Instrument : BNA_G
ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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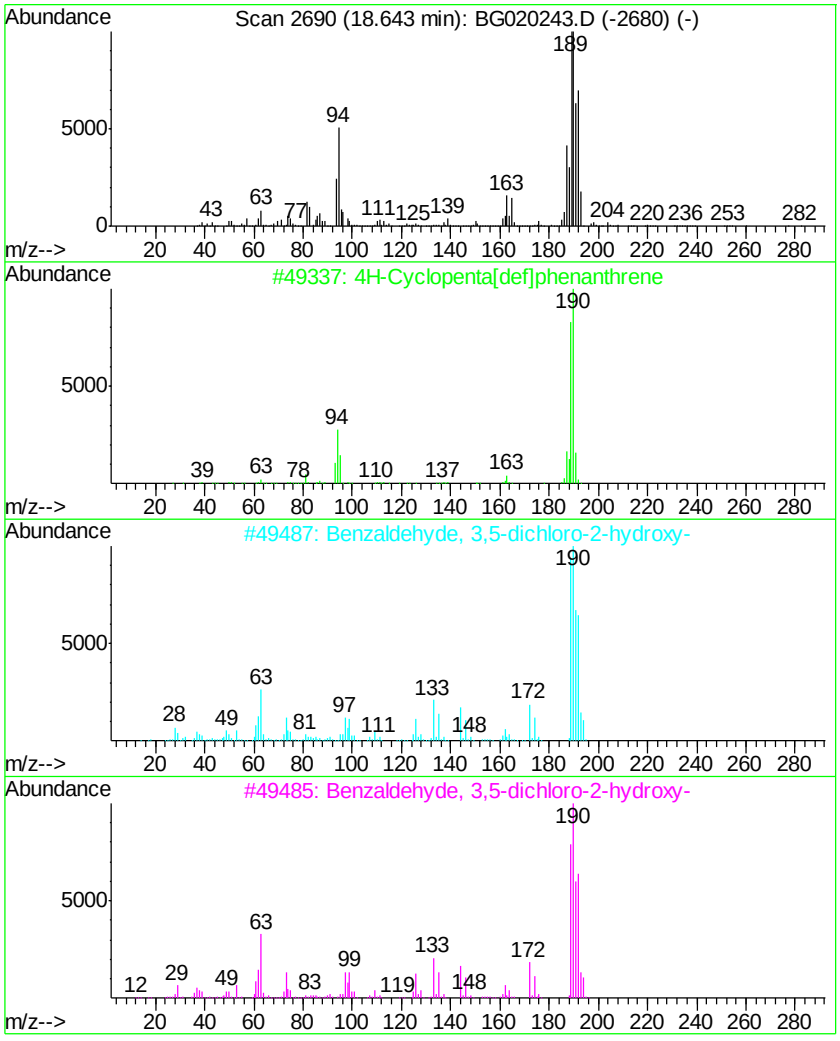
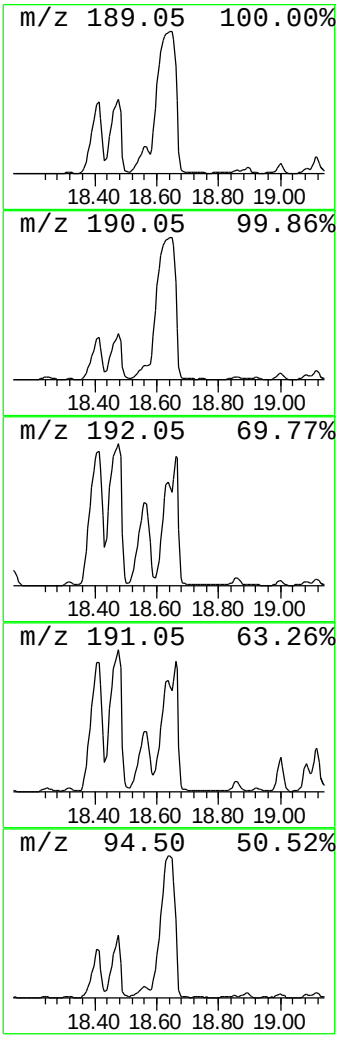
Peak Number 23 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	10.20 ng/ul	37969300	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





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Quant Title : SVOA CALIBRATION

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

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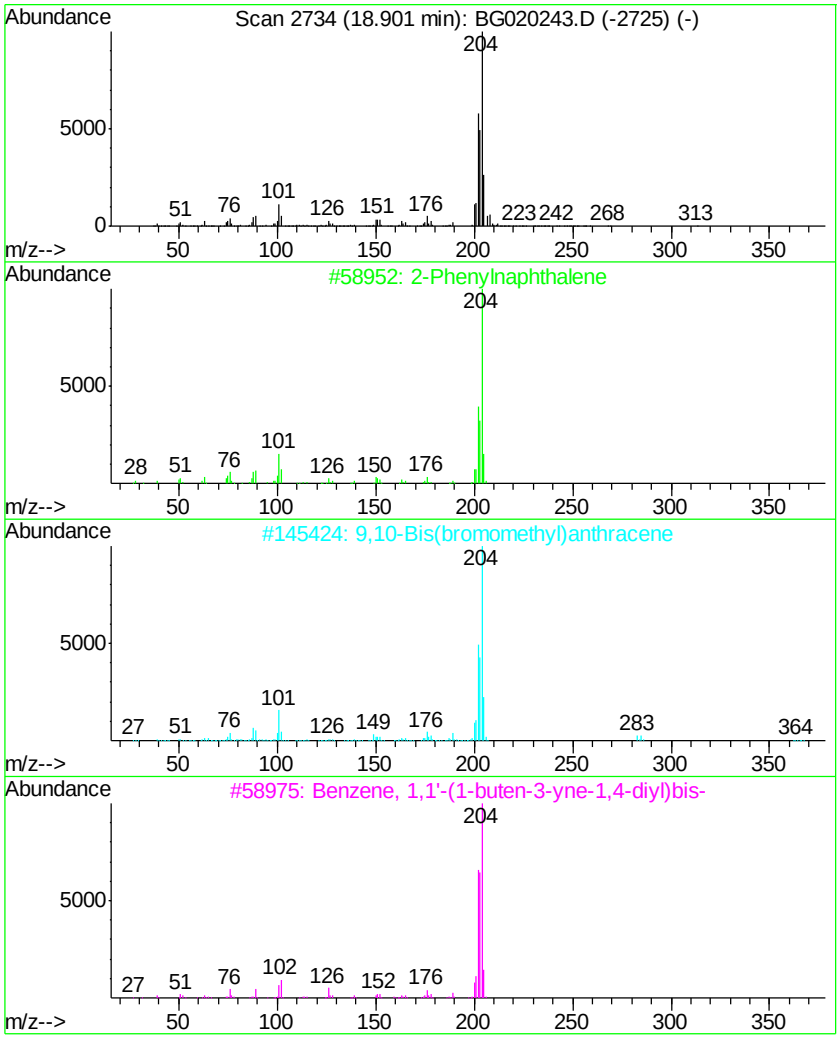
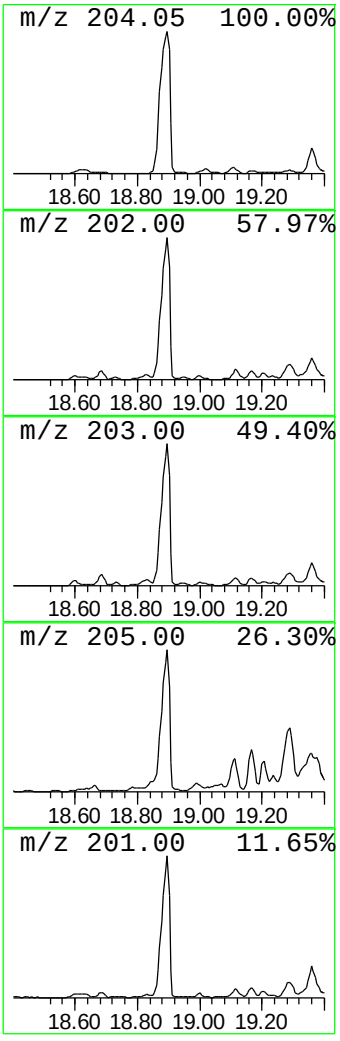
Peak Number 24 2-Phenylnaphthalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.38 ng/ul	12597400	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	92
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	70





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ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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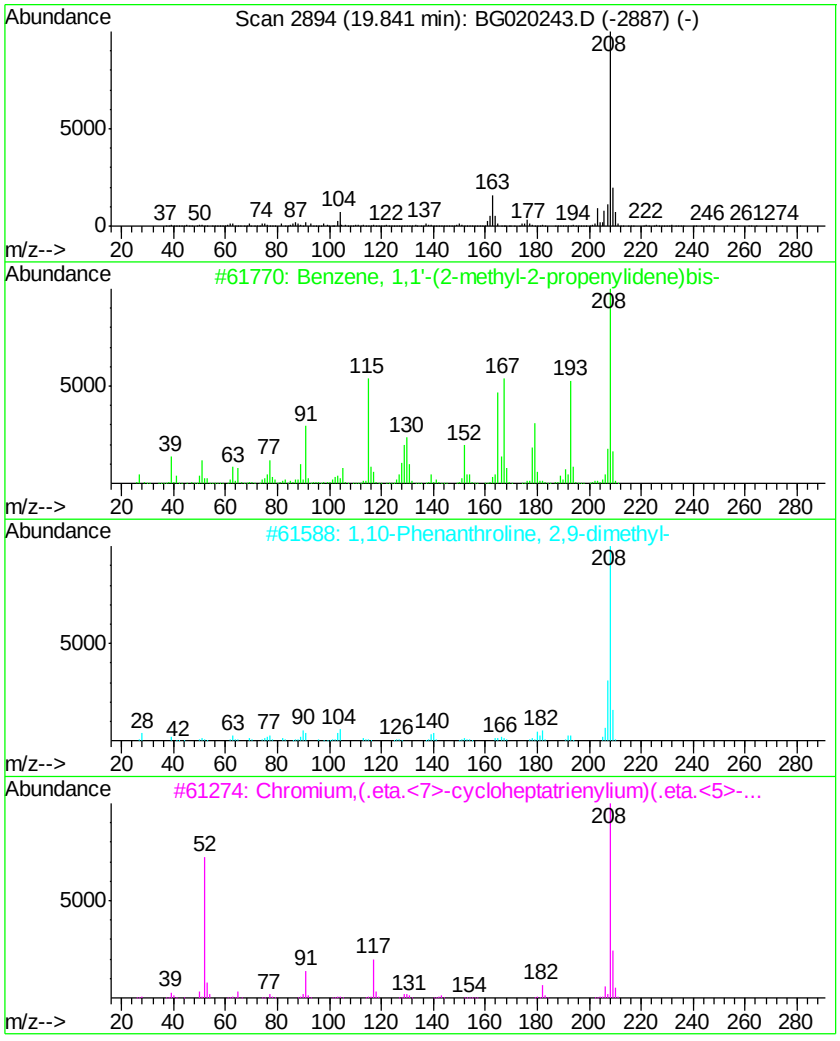
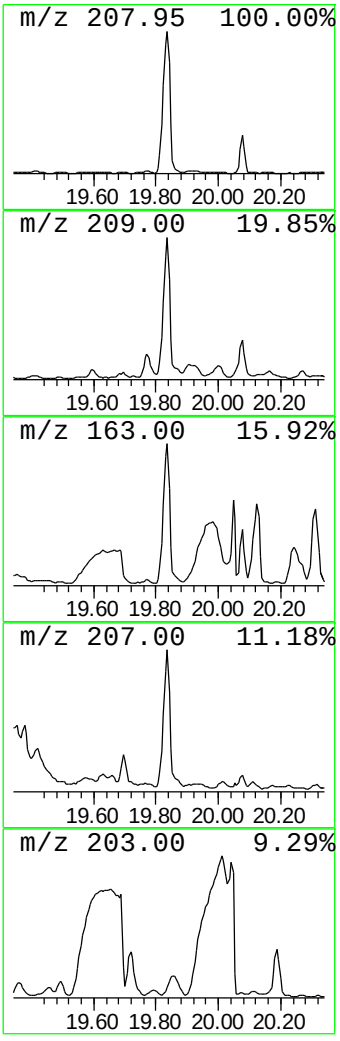
Peak Number 25 Benzene, 1,1'-(2-methyl-2-p... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	3.39 ng/ul	5086340	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8	59
2	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	58
3	Chromium,(.eta.<7>-cycloheptatri...	208	C12H12Cr	012093-81-1	53
4	2-Propen-1-one, 1,3-diphenyl-, (E)-	208	C15H12O	000614-47-1	53
5	Benzene, 1,1'-(1-butenylidene)bis-	208	C16H16	001726-14-3	50





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Quant Title : SVOA CALIBRATION

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

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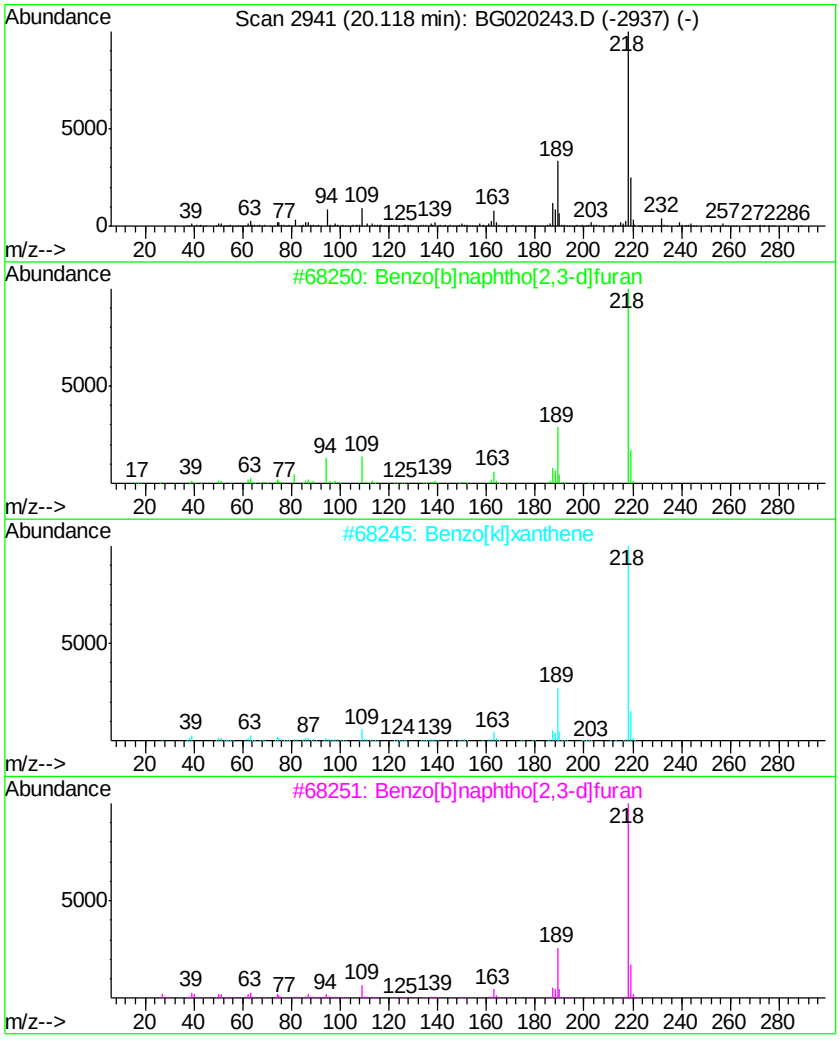
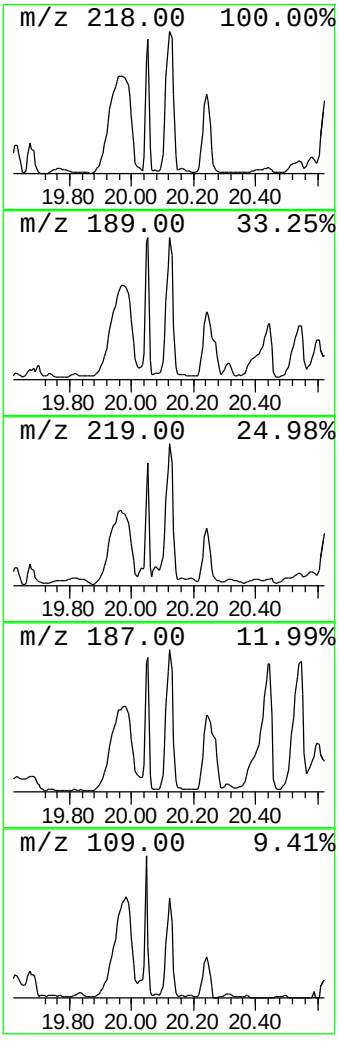
Peak Number 26 Benzo[b]naphtho[2,3-d]furan Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	3.69 ng/ul	5549380	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
2	Benzo[kl]xanthene	218	C16H10O	000200-23-7	93
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	90
5	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	90





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ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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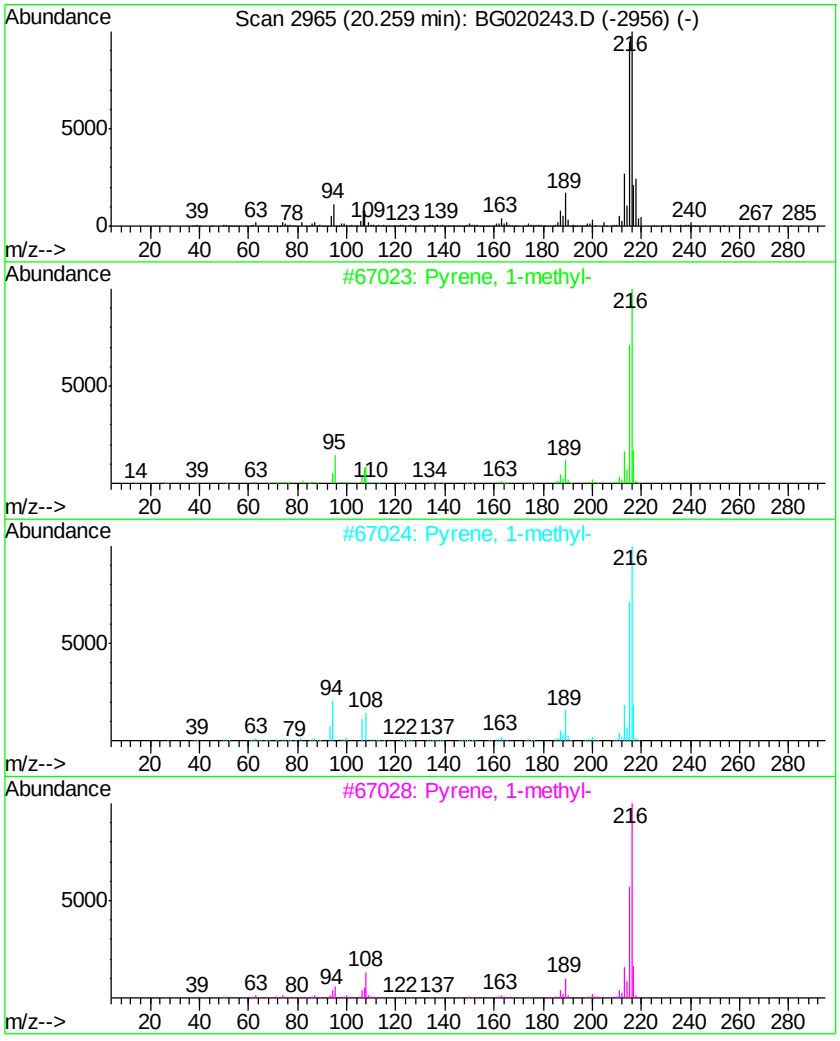
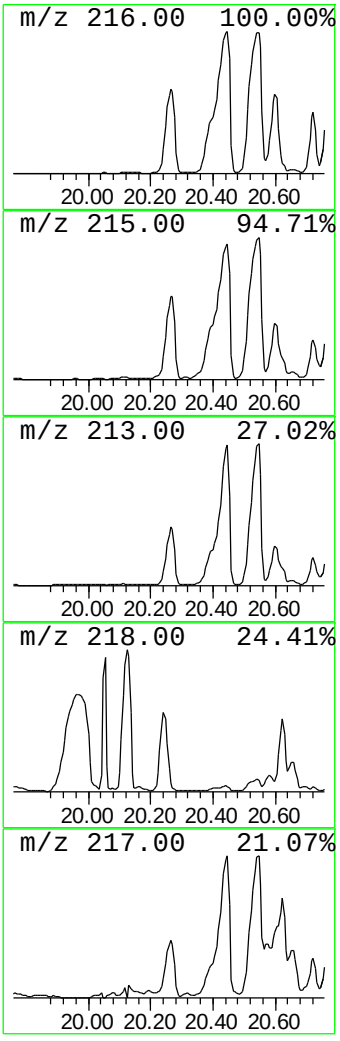
Peak Number 27 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	5.99 ng/ul	8997760	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Sample : G4767-22
Misc :
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Instrument : BNA_G
ClientSampleId : D9N44

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Quant Title : SVOA CALIBRATION

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

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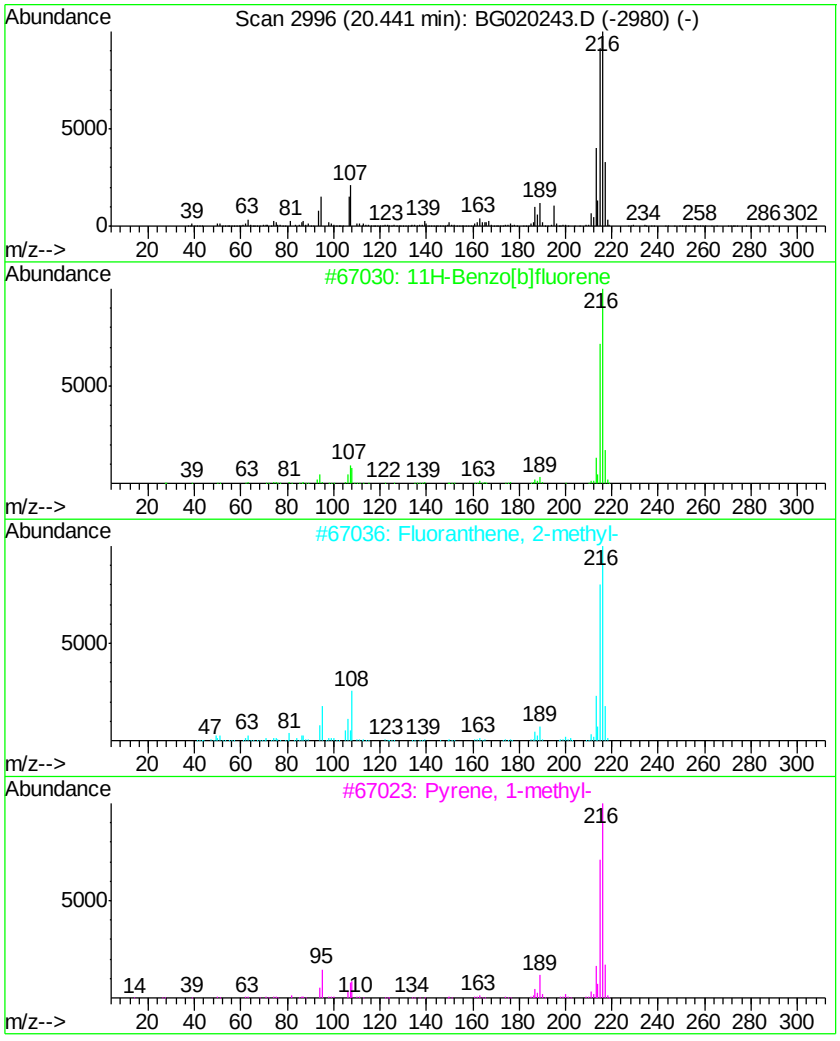
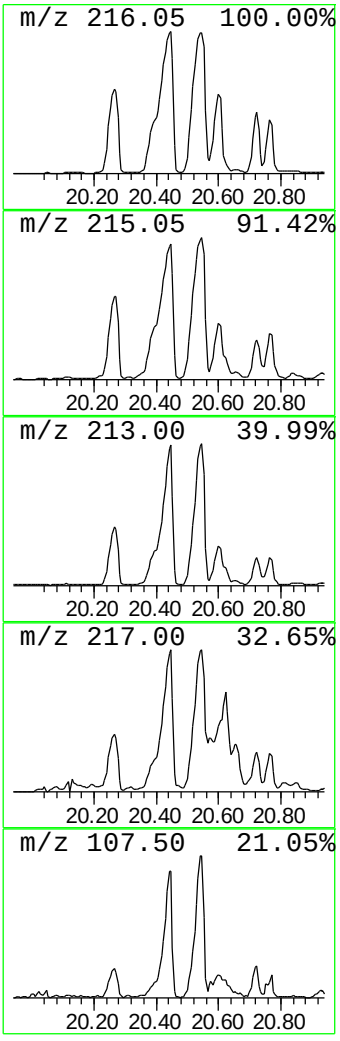
Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	13.45 ng/ul	20207100	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Quant Title : SVOA CALIBRATION

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

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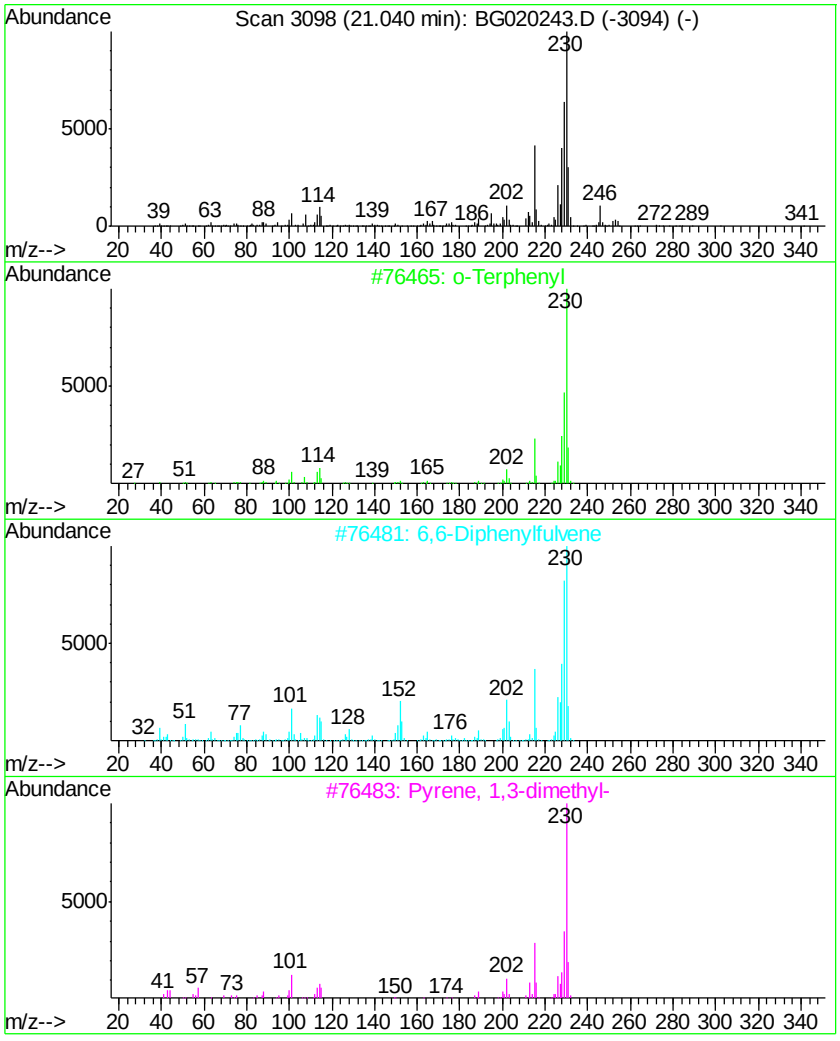
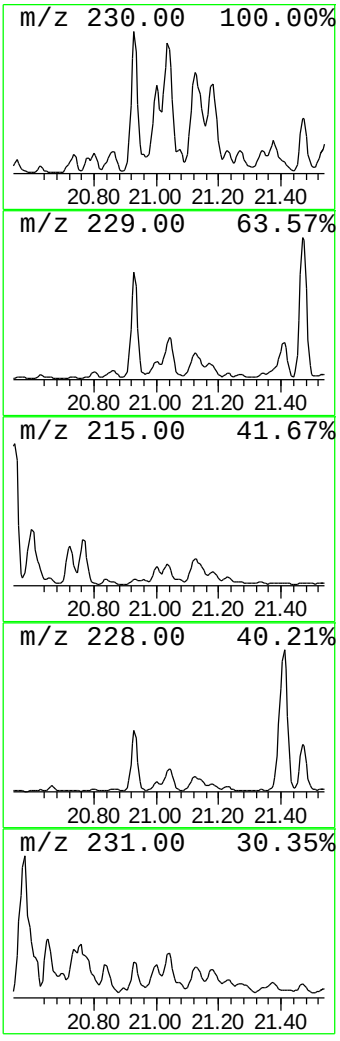
Peak Number 32 o-Terphenyl Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.29 ng/ul	3445750	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	60
2	6,6-Diphenylfulvene	230	C18H14	002175-90-8	49
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	49
4	o-Terphenyl	230	C18H14	000084-15-1	49
5	o-Terphenyl	230	C18H14	000084-15-1	47





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Quant Title : SVOA CALIBRATION

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

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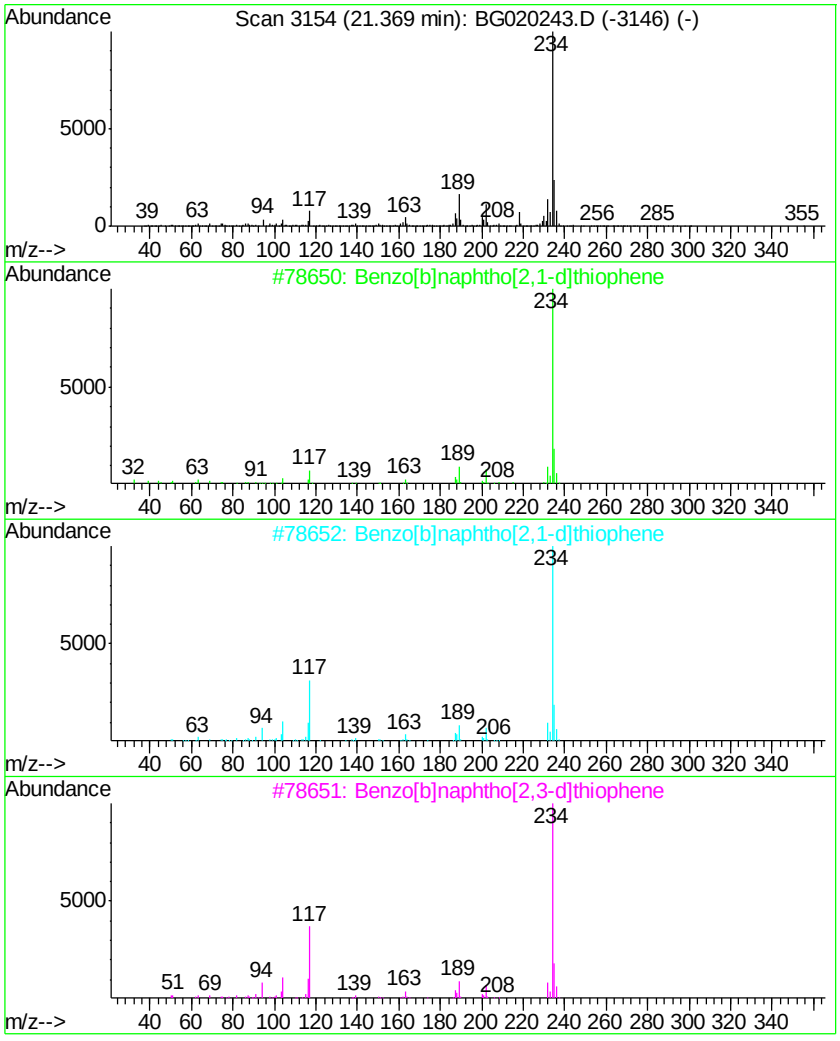
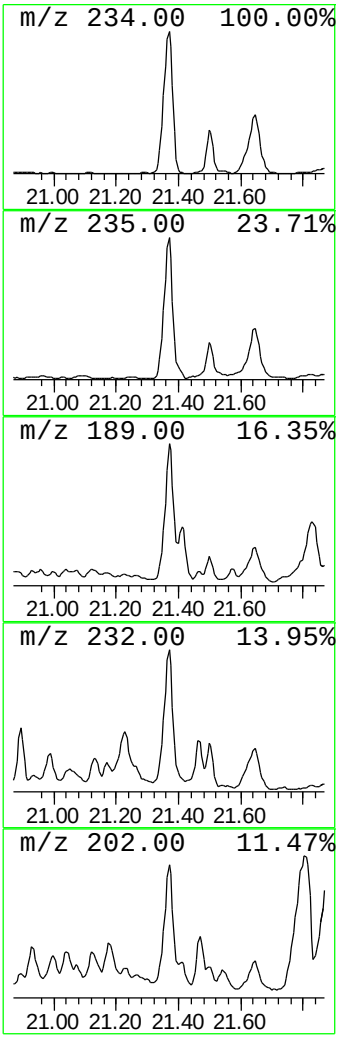
Peak Number 33 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.17 ng/ul	6266630	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90





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Quant Title : SVOA CALIBRATION

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

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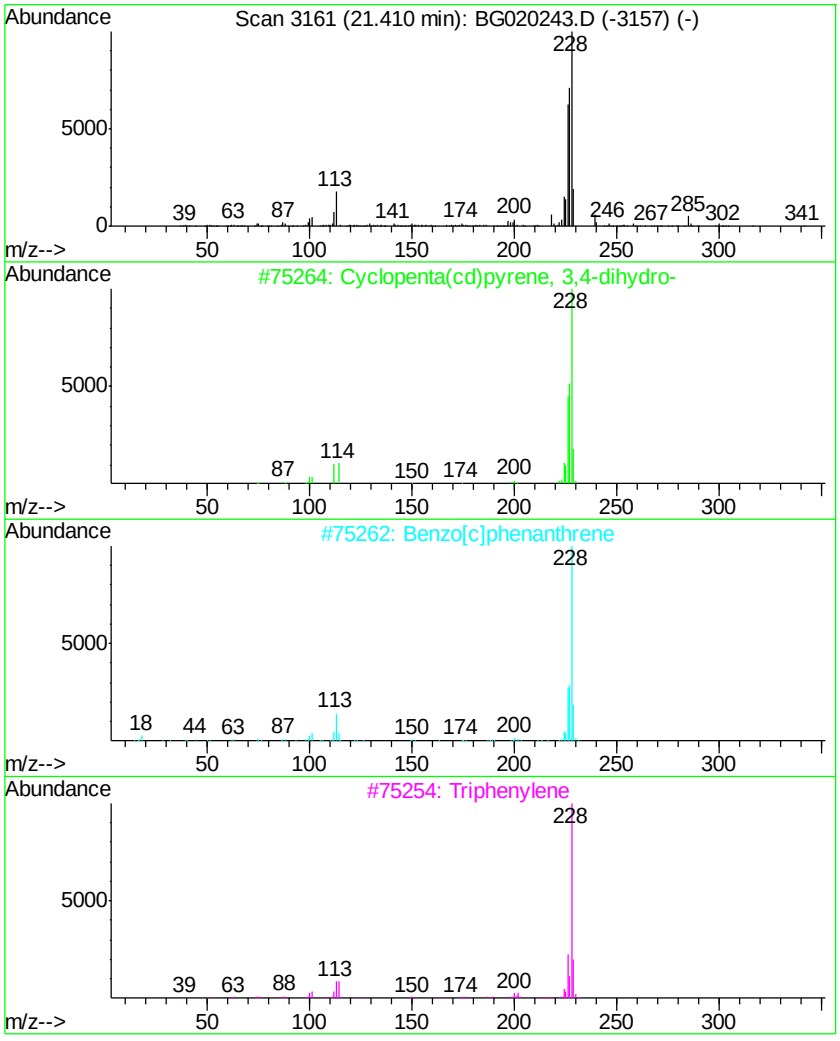
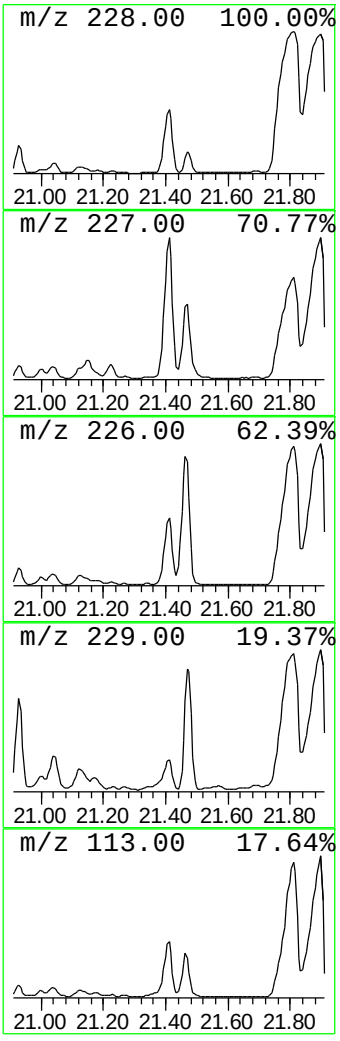
Peak Number 34 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	4.03 ng/ul	6058210	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	Triphenylene	228	C18H12	000217-59-4	49
4	Triphenylene	228	C18H12	000217-59-4	49
5	Triphenylene	228	C18H12	000217-59-4	49





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Quant Title : SVOA CALIBRATION

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

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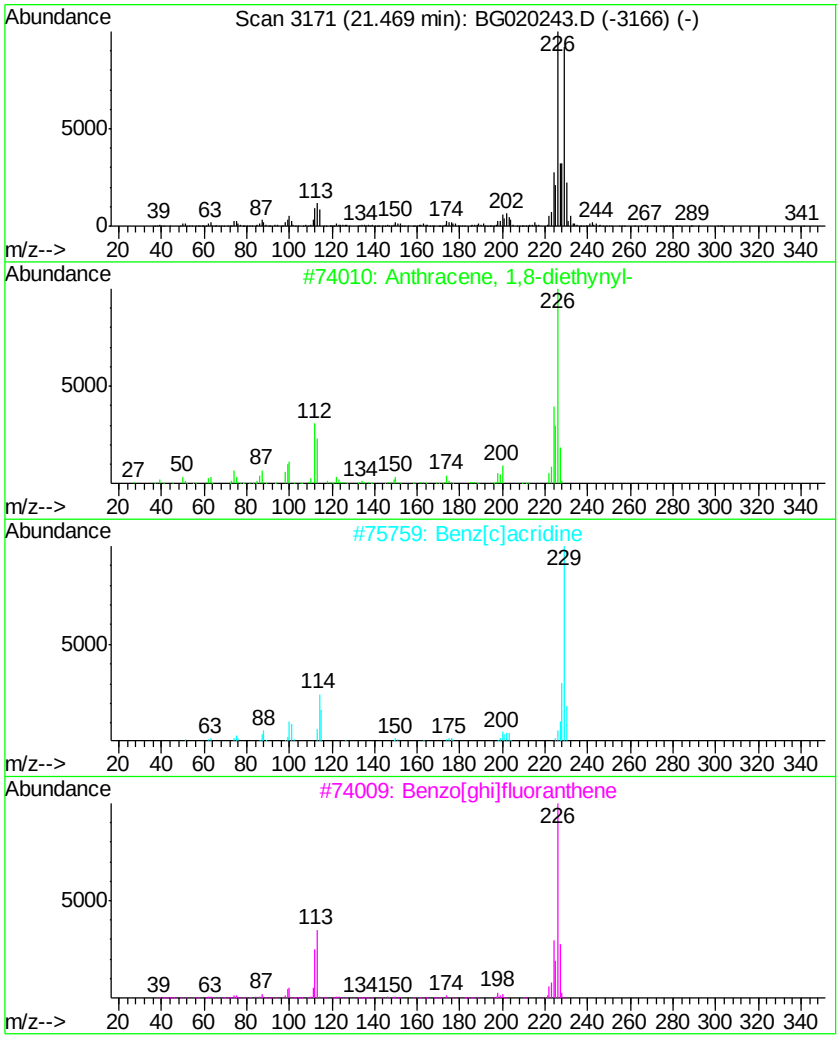
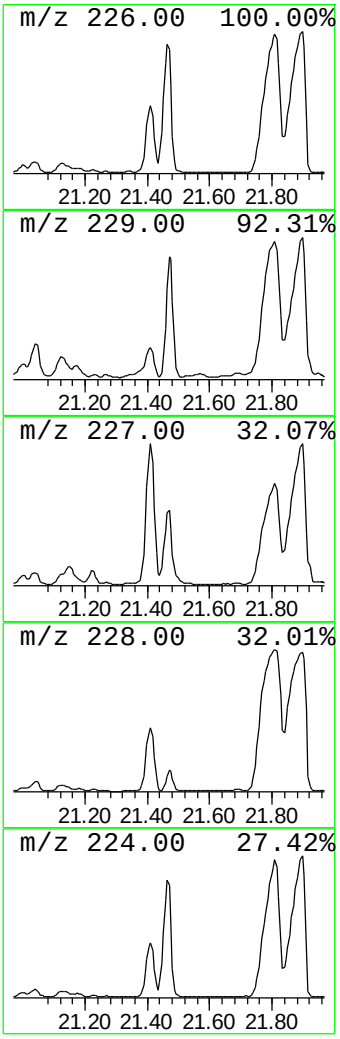
Peak Number 35 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	4.43 ng/ul	6655910	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	49
2	Benz[c]acridine	229	C17H11N	000225-51-4	45
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	41
4	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	27
5	(10H)Acridin-9-one, 4-chloro-	229	C13H8ClNO	069220-40-2	22





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Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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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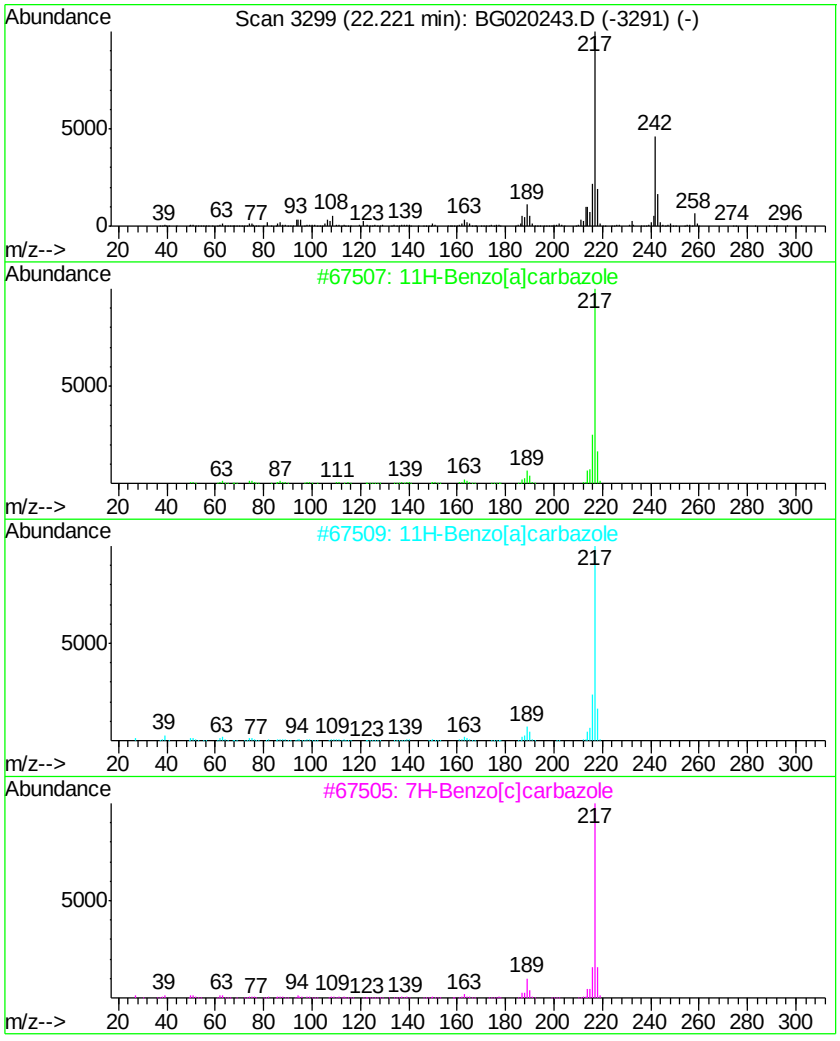
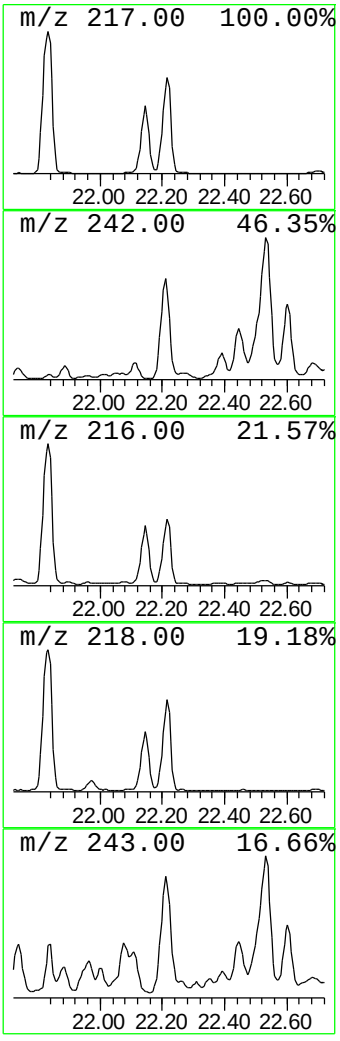
Peak Number 37 11H-Benzo[a]carbazole Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.79 ng/ul	4197860	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	93
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	64
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	64
5	Benzo(c)carbazole	217	C16H11N	034777-33-8	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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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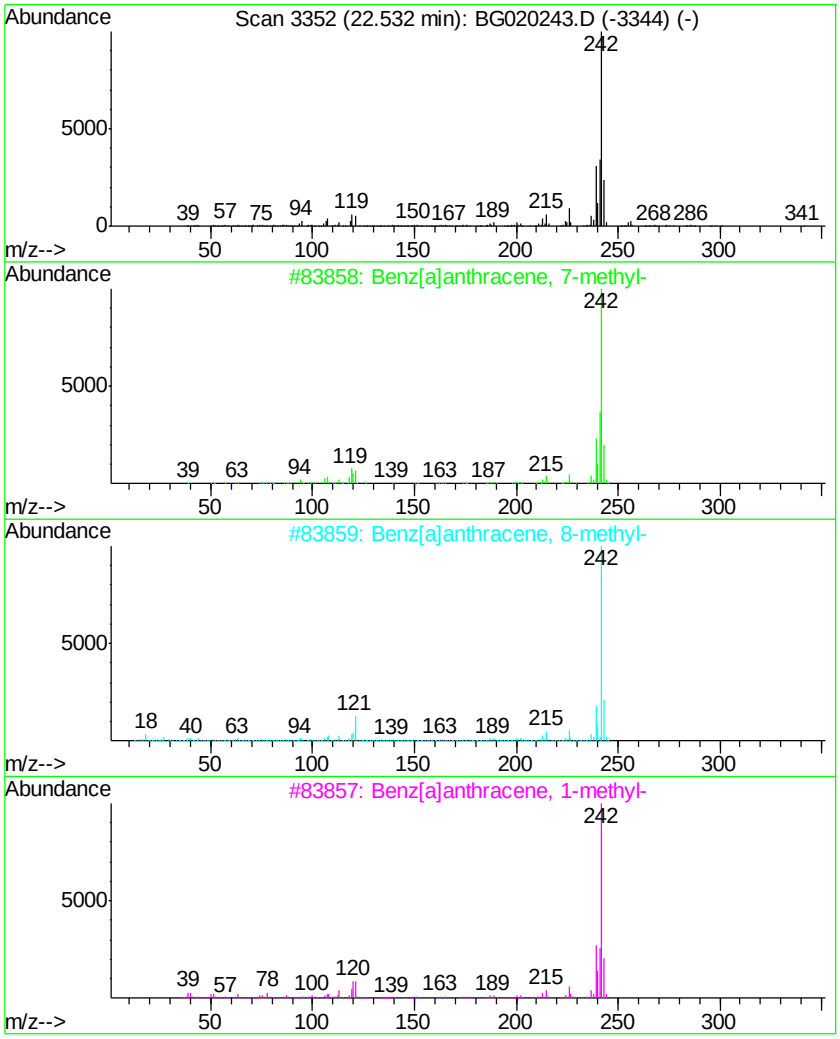
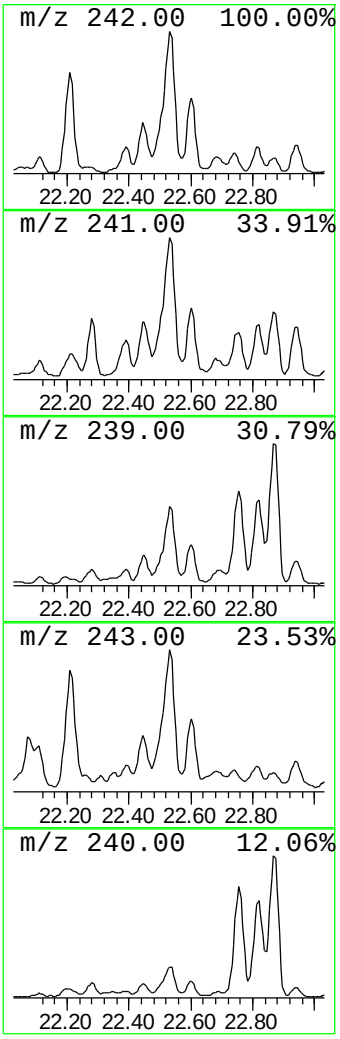
Peak Number 38 Benz[a]anthracene, 7-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	2.71 ng/ul	4071910	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	94
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	93
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020243.D
Acq On : 17 Dec 2015 5:24
Operator : UM/SJ
Sample : G4767-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

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
Indane	8.48	20.0	ng/ul	1393090	1	8.10	1393090	20.0
Indene	8.67	128.7	ng/ul	8964410	1	8.10	1393090	20.0
Naphthalene, 1-et...	13.79	11.3	ng/ul	9326110	3	14.81	16528500	20.0
Naphthalene, 1,6-...	13.95	19.5	ng/ul	16082900	3	14.81	16528500	20.0
Naphthalene, 1,3-...	14.10	18.1	ng/ul	14940300	3	14.81	16528500	20.0
1-Isopropenylnaph...	15.08	6.9	ng/ul	5708820	3	14.81	16528500	20.0
Naphthalene, 1,6,...	15.38	3.6	ng/ul	2964070	3	14.81	16528500	20.0
Naphthalene, 2,3,...	15.43	3.1	ng/ul	2581190	3	14.81	16528500	20.0
Benzene, 1,1'-(ch...	16.01	13.3	ng/ul	11028400	3	14.81	16528500	20.0
Nordiphenamid	16.09	7.2	ng/ul	5937670	3	14.81	16528500	20.0
9H-Xanthene	16.13	13.2	ng/ul	10868100	3	14.81	16528500	20.0
Dibenzofuran, 4-m...	16.28	4.9	ng/ul	18305800	4	17.57	74440000	20.0
9H-Fluorene, 2-me...	16.82	2.5	ng/ul	9423680	4	17.57	74440000	20.0
unknown-01	17.25	2.2	ng/ul	8163110	4	17.57	74440000	20.0
Dibenzothiophene	17.36	5.5	ng/ul	20453900	4	17.57	74440000	20.0
Phenanthrene, 2-m...	18.41	4.5	ng/ul	16854900	4	17.57	74440000	20.0
8,9-Dihydrocyclop...	18.48	5.3	ng/ul	19726600	4	17.57	74440000	20.0
Anthracene, 1-met...	18.56	2.1	ng/ul	7886350	4	17.57	74440000	20.0
4H-Cyclopenta[def...	18.64	10.2	ng/ul	37969300	4	17.57	74440000	20.0
2-Phenylnaphthalene	18.90	3.4	ng/ul	12597400	4	17.57	74440000	20.0
Benzene, 1,1'-(2-...	19.84	3.4	ng/ul	5086340	5	21.83	30047300	20.0
Benzo[b]naphtho[2...	20.12	3.7	ng/ul	5549380	5	21.83	30047300	20.0
Pyrene, 1-methyl-	20.26	6.0	ng/ul	8997760	5	21.83	30047300	20.0
11H-Benzo[b]fluorene	20.44	13.4	ng/ul	20207100	5	21.83	30047300	20.0
o-Terphenyl	21.04	2.3	ng/ul	3445750	5	21.83	30047300	20.0
Benzo[b]naphtho[2...	21.37	4.2	ng/ul	6266630	5	21.83	30047300	20.0
Cyclopenta(cd)pyr...	21.41	4.0	ng/ul	6058210	5	21.83	30047300	20.0
unknown-02	21.47	4.4	ng/ul	6655910	5	21.83	30047300	20.0
11H-Benzo[a]carba...	22.22	2.8	ng/ul	4197860	5	21.83	30047300	20.0
Benz[a]anthracene...	22.53	2.7	ng/ul	4071910	5	21.83	30047300	20.0