LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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	8.630	979	986	997	rVB	199999	338646	1.95%	0.285%
2	8.806	1009	1016	1026	rBV	90030	149707	0.86%	0.126%
3	10.534	1303	1310	1318	rBV	117308	210762	1.21%	0.177%
4	10.916	1368	1375	1377	rBV	92865	169054	0.97%	0.142%
5	10.986	1377	1387	1393	rVV	3242636	7312029	42.03%	6.146%
6	11.086	1400	1404	1411	rVB	138733	231461	1.33%	0.195%
7	12.573	1644	1657	1668	rVV	2226513	3970974	22.82%	3.338%
8	12.784	1681	1693	1701	rVB	1186545	1997007	11.48%	1.678%
9	13.560	1816	1825	1835	rBV	897863	1404949	8.08%	1.181%
10	13.754	1852	1858	1869	rVB	312240	595844	3.42%	0.501%
11	13.901	1869	1883	1891	rBV2	392684	1066428	6.13%	0.896%
12	14.047	1900	1908	1913	rBV	537935	1007939	5.79%	0.847%
13	14.100	1913	1917	1920	rBV	341612	508165	2.92%	0.427%
14	14.177	1926	1930	1936	rVB	99645	143596	0.83%	0.121%
15	14.282	1941	1948	1952	rVV	224445	378928	2.18%	0.318%
16	14.423	1965	1972	1973	rBV	211826	306624	1.76%	0.258%
17	14.447	1973	1976	1987	rVB	312682	503209	2.89%	0.423%
18	14.700	2013	2019	2023	rBV	393251	668194	3.84%	0.562%
19	14.811	2029	2038	2043	rBV	3925781	7043366	40.48%	5.920%
20	14.864	2043	2047	2052	rVB	202287	309033	1.78%	0.260%
21	14.935	2052	2059	2068	rBV2	141808	317658	1.83%	0.267%
22	15.034	2068	2076	2080	rBV2	188767	318334	1.83%	0.268%
23	15.140	2085	2094	2099	rVV	2590515	4724272	27.15%	3.971%
24	15.193	2099	2103	2113	rVB	138140	220501	1.27%	0.185%
25	15.334	2118	2127	2132	rBV2	110581	202271	1.16%	0.170%
26	15.387	2132	2136	2148	rVB2	115626	195369	1.12%	0.164%
27	15.510	2148	2157	2160	rBV	87801	194408	1.12%	0.163%
28	15.716	2189	2192	2197	rVB	201162	303877	1.75%	0.255%
29	15.792	2197	2205	2211	rVB	3354024	6125773	35.21%	5.149%
30	15.869	2211	2218	2220	rBV2	212039	370090	2.13%	0.311%
31	15.898	2220	2223	2226	rVV	276615	416539	2.39%	0.350%
32	15.939	2226	2230	2234	rVV2	500427	764115	4.39%	0.642%
33	16.022	2240	2244	2247	rVV	230596	325311	1.87%	0.273%
34	16.063	2247	2251	2260	rVB	617689	948524	5.45%	0.797%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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	16.210	2260	2276	2284	rBV	645437	1441773	8.29%	1.212%
36	16.304	2288	2292	2297	rVB	114041	175751	1.01%	0.148%
37	16.562	2331	2336	2343	rVB	342140	506927	2.91%	0.426%
38	16.774	2360	2372	2377	rBV2	475989	1073826	6.17%	0.903%
39	16.821	2377	2380	2386	rVB2	150675	213345	1.23%	0.179%
40	16.921	2391	2397	2402	rVB3	195762	349705	2.01%	0.294%
41	16.997	2402	2410	2413	rBV2	158656	366654	2.11%	0.308%
42	17.038	2413	2417	2421	rVB2	131282	171579	0.99%	0.144%
43	17.126	2428	2432	2439	rVB4	89996	178579	1.03%	0.150%
44	17.197	2439	2444	2454	rBV4	210109	571179	3.28%	0.480%
45	17.297	2455	2461	2470	rVB	929104	1515894	8.71%	1.274%
46	17.561	2480	2506	2509	rBV	6582946	17397540	100.00%	14.623%
47	17.590	2509	2511	2513	rVV	426337	474308	2.73%	0.399%
48	17.620	2513	2516	2522	rVB	832549	1091072	6.27%	0.917%
49	17.878	2552	2560	2568	rVV	629266	1144963	6.58%	0.962%
50	17.990	2574	2579	2585	rVV2	237782	393037	2.26%	0.330%
51	18.054	2585	2590	2598	rVV4	109483	235377	1.35%	0.198%
52	18.195	2609	2614	2622	rVB	91574	204308	1.17%	0.172%
53	18.348	2634	2640	2644	rVV	832528	1300767	7.48%	1.093%
54	18.401	2644	2649	2654	rVB	1163944	1734204	9.97%	1.458%
55	18.477	2654	2662	2668	rBV	352942	635936	3.66%	0.535%
56	18.554	2668	2675	2684	rVV2	1651107	3338520	19.19%	2.806%
57	18.783	2710	2714	2719	rVV5	86163	167713	0.96%	0.141%
58	18.842	2719	2724	2729	rVV	761930	1093475	6.29%	0.919%
59	18.889	2729	2732	2736	rVV	105093	147805	0.85%	0.124%
60	19.083	2761	2765	2769	rVB2	147116	203940	1.17%	0.171%
61	19.130	2769	2773	2777	rBV	109976	146039	0.84%	0.123%
62	19.253	2788	2794	2799	rBV	228821	432356	2.49%	0.363%
63	19.418	2814	2822	2827	rVB5	83107	213110	1.22%	0.179%
64	19.547	2834	2844	2848	rBV	4959584	10178006	58.50%	8.555%
65	19.617	2853	2856	2860	rVB	124430	162107	0.93%	0.136%
66	19.764	2876	2881	2891	rVB	248980	480405	2.76%	0.404%
67	19.905	2891	2905	2910	rBV3	3698348	9605271	55.21%	8.073%
68	19.952	2910	2913	2920	rVB2	265692	383589	2.20%	0.322%
69	20.058	2920	2931	2936	rBV	349451	552971	3.18%	0.465%
70	20.199	2948	2955	2956	rBV2	277007	458479	2.64%	0.385%
71	20.258	2962	2965	2971	rVB	146516	186673	1.07%	0.157%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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	20.375	2980	2985	2989	rVB	924693	1363104	7.84%	1.146%
73	20.475	2995	3002	3006	rBV	1078971	1624289	9.34%	1.365%
74	20.528	3006	3011	3015	rVV2	281937	545030	3.13%	0.458%
75	20.563	3015	3017	3021	rVV	169181	200878	1.15%	0.169%
76	20.604	3021	3024	3029	rVB2	95919	144207	0.83%	0.121%
77	20.669	3031	3035	3038	rBV	137656	189341	1.09%	0.159%
78	20.710	3039	3042	3046	rVV2	119586	150912	0.87%	0.127%
79	20.892	3069	3073	3077	rBV	160370	218856	1.26%	0.184%
80	21.086	3101	3106	3111	rBV	114921	224960	1.29%	0.189%
81	21.139	3111	3115	3121	rVV3	77313	147377	0.85%	0.124%
82	21.321	3138	3146	3150	rBV	277500	476014	2.74%	0.400%
83	21.362	3150	3153	3157	rVV	270011	410231	2.36%	0.345%
84	21.415	3157	3162	3167	rVV2	250369	463562	2.66%	0.390%
85	21.603	3186	3194	3201	rBV	81921	193663	1.11%	0.163%
86	21.733	3205	3216	3223	rVV3	1393693	3198106	18.38%	2.688%
87	21.803	3223	3228	3239	rVB	984877	1781720	10.24%	1.498%
88	21.950	3248	3253	3262	rBV	270310	462989	2.66%	0.389%
89	22.161	3283	3289	3296	rVB3	122525	251581	1.45%	0.211%
90	22.485	3335	3344	3349	rBV	111959	256651	1.48%	0.216%
91	22.814	3395	3400	3407	rVB3	108957	238088	1.37%	0.200%
92	22.908	3408	3416	3428	rVB4	59172	165141	0.95%	0.139%
93	23.983	3589	3599	3606	rBV2	303482	1053384	6.05%	0.885%
94	24.235	3636	3642	3652	rVB2	58811	153938	0.88%	0.129%
95	24.717	3715	3724	3730	rVV	122202	353270	2.03%	0.297%
96	24.794	3731	3737	3743	rVV	178903	484575	2.79%	0.407%
97	24.870	3743	3750	3763	rVV2	199948	620465	3.57%	0.522%
98	25.017	3765	3775	3784	rVV2	174150	572551	3.29%	0.481%
99	25.093	3784	3788	3801	rVB2	58298	161902	0.93%	0.136%
100	28.748	4396	4410	4433	rVB5	35204	199553	1.15%	0.168%

Sum of corrected areas: 118976478

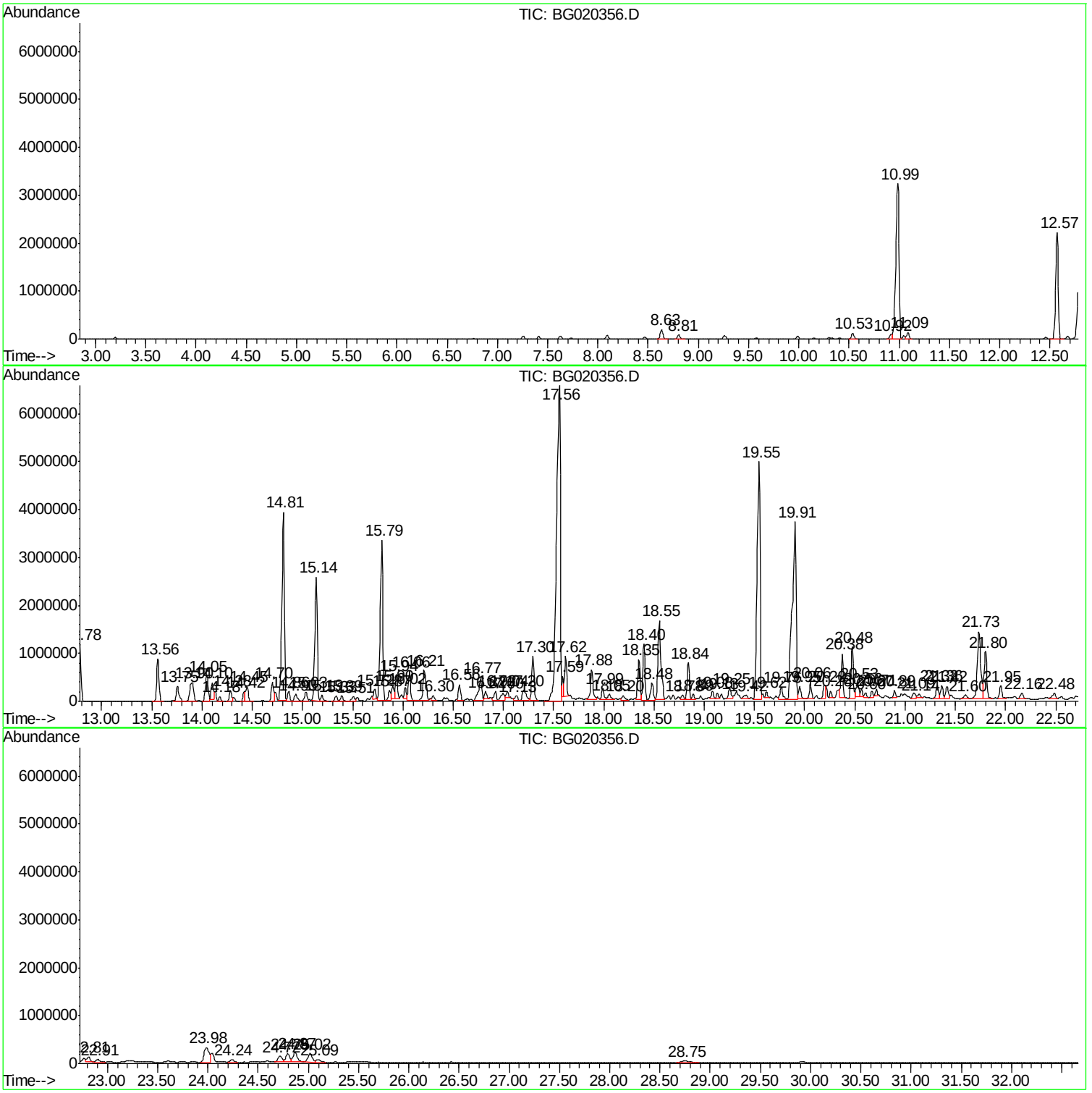
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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

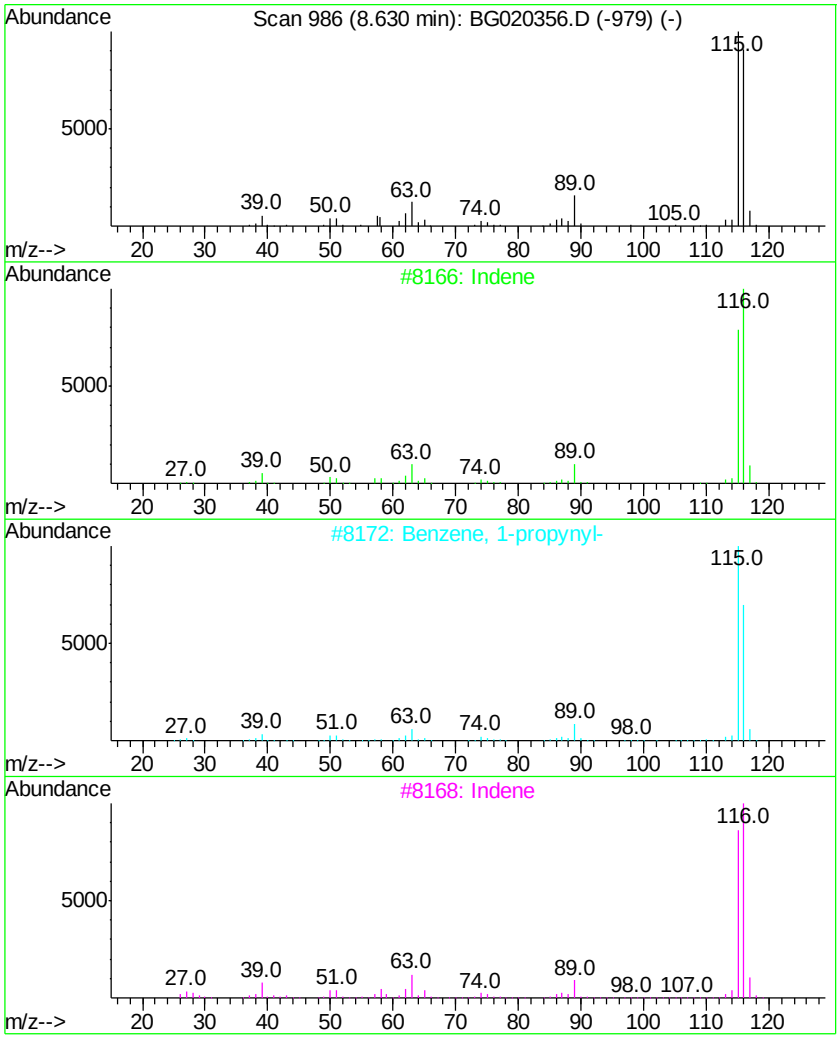
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

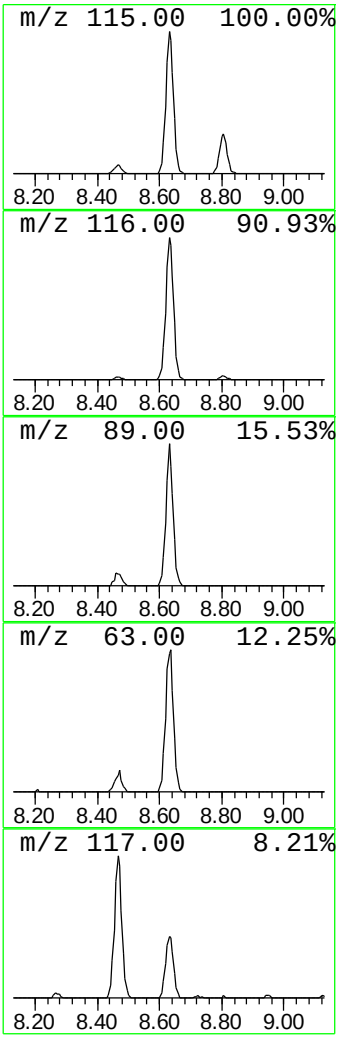
****

Peak Number 1 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	20.00 ng/ul	338646	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5	Indene	116	C9H8	000095-13-6	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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

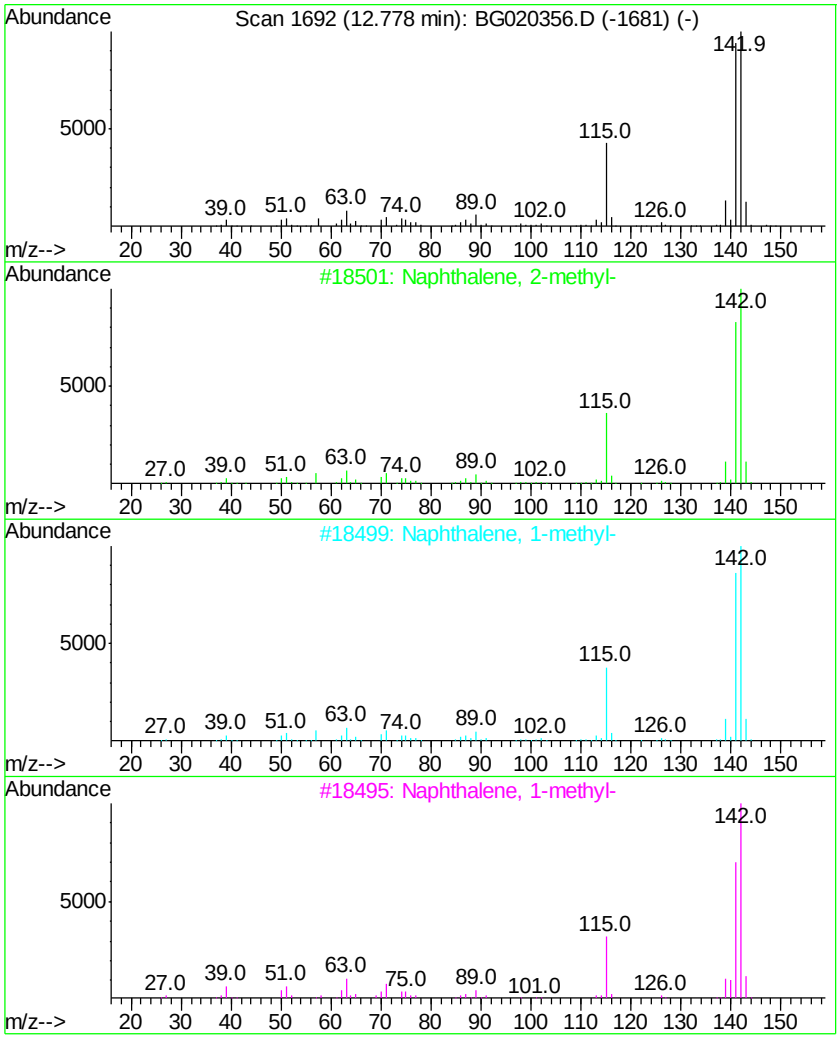
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

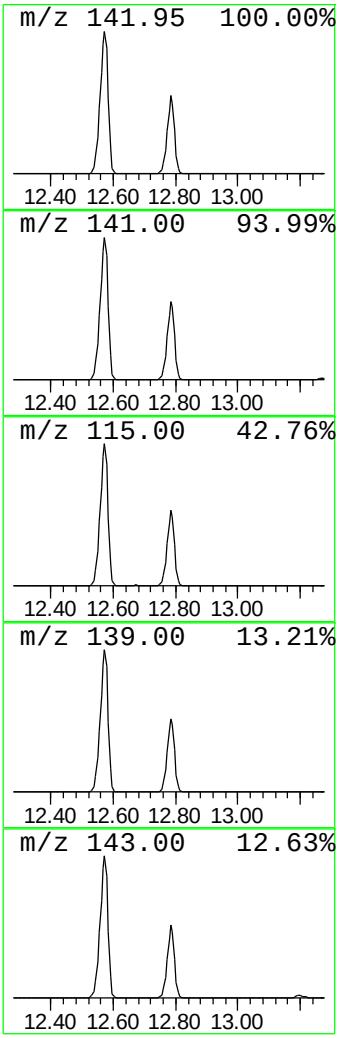
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	236.26 ng/ul	1997010	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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

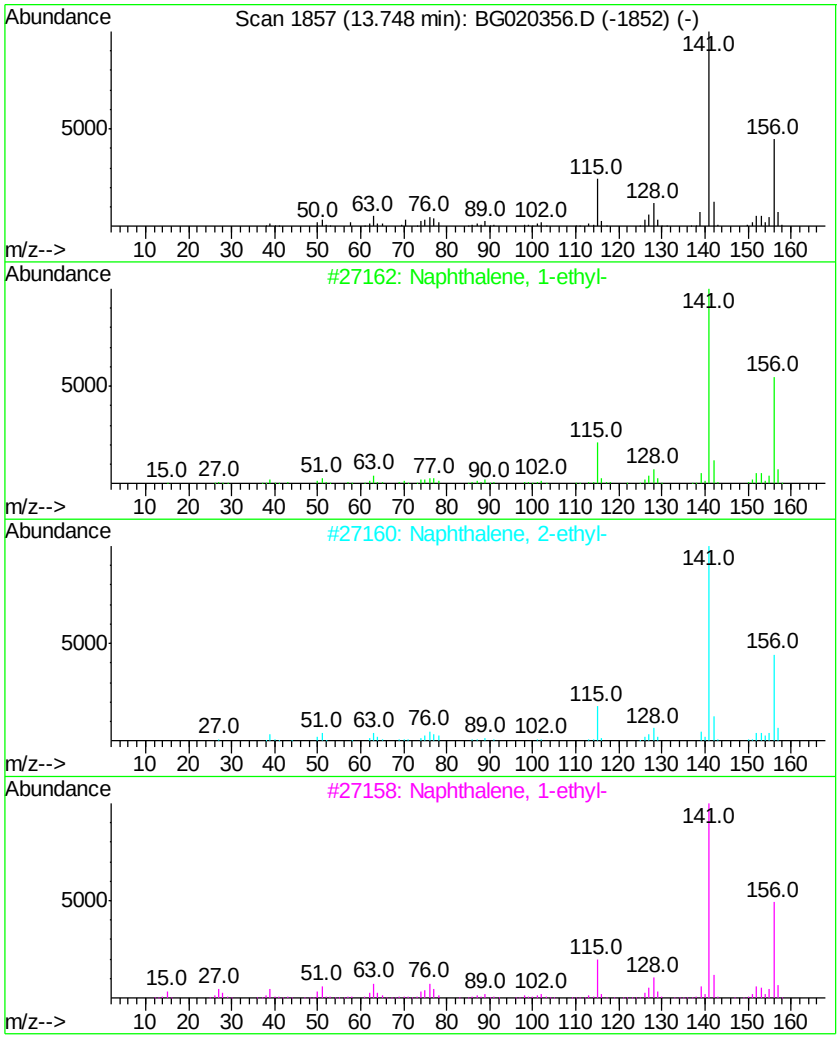
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

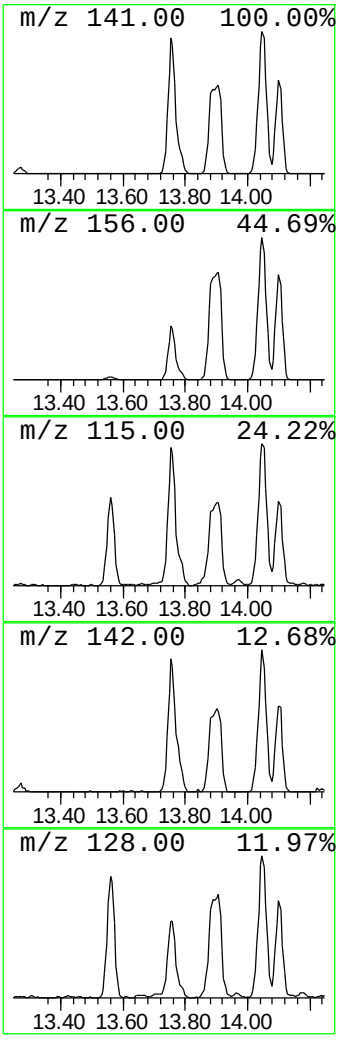
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	17.83 ng/ul	595844	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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

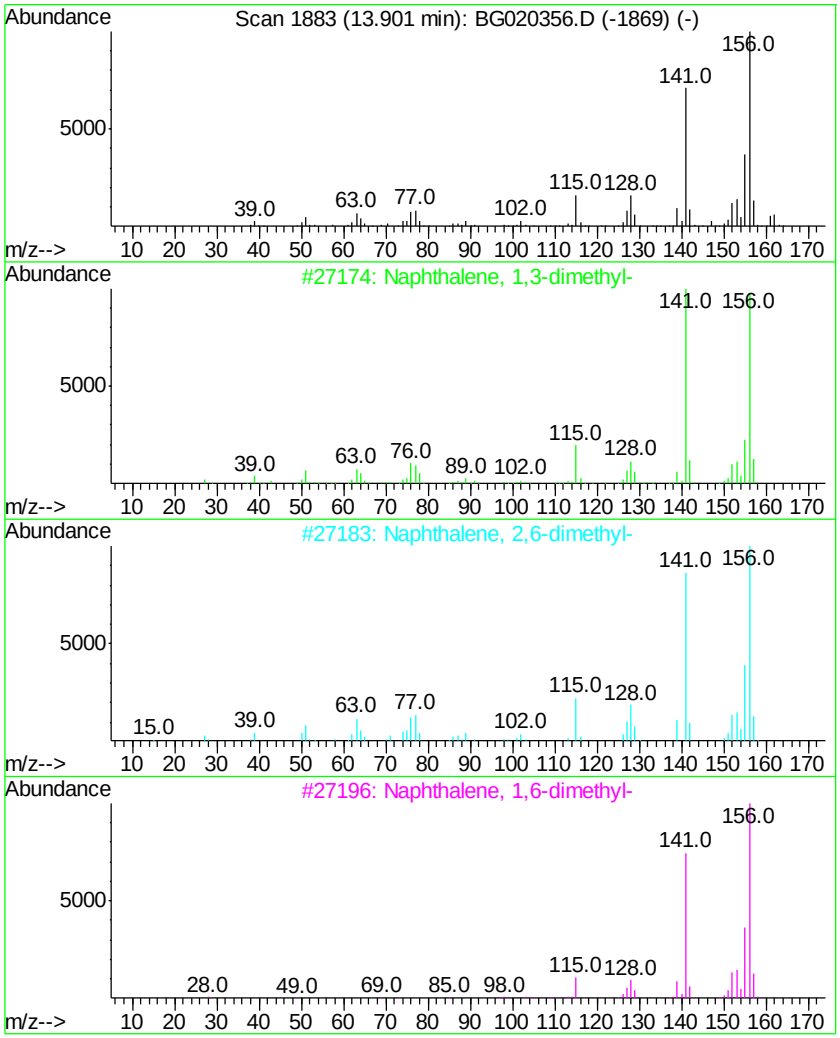
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

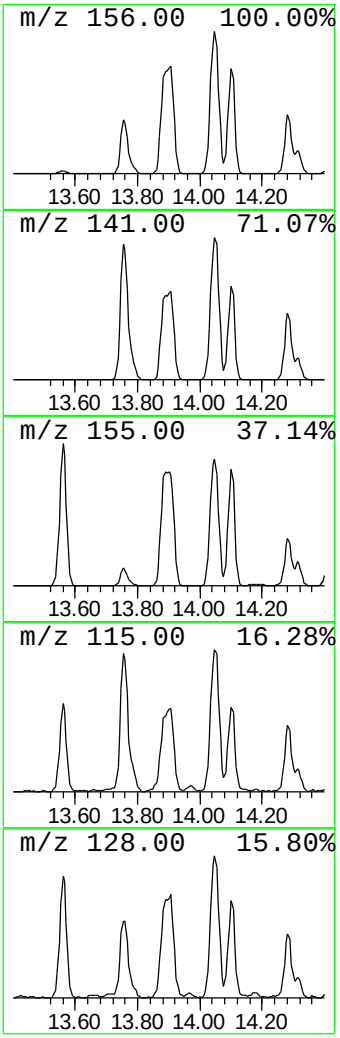
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	31.92 ng/ul	1066430	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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

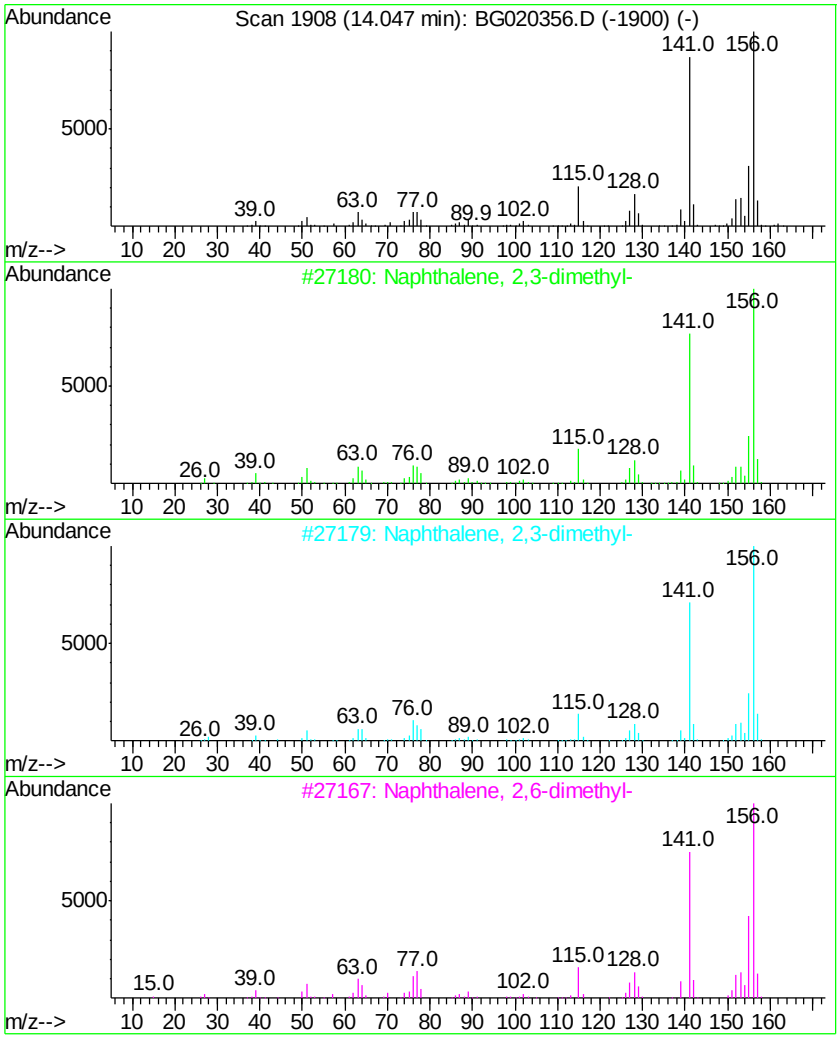
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

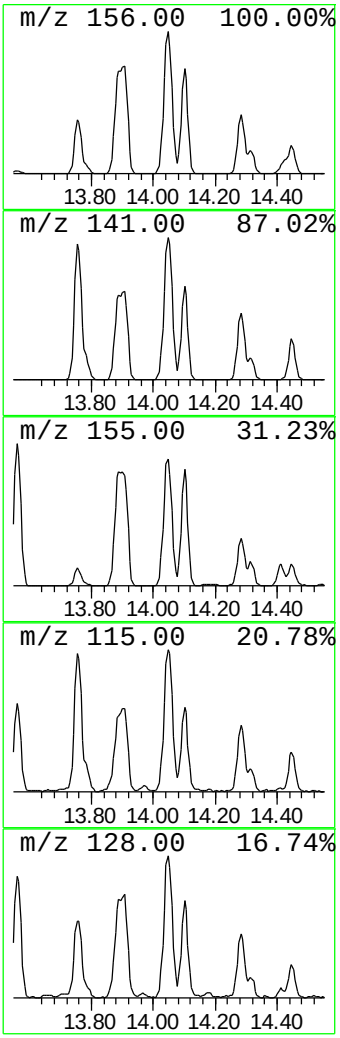
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	30.17 ng/ul	1007940	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	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

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Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
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Instrument : BNA_G
ClientSampleId : D9N48

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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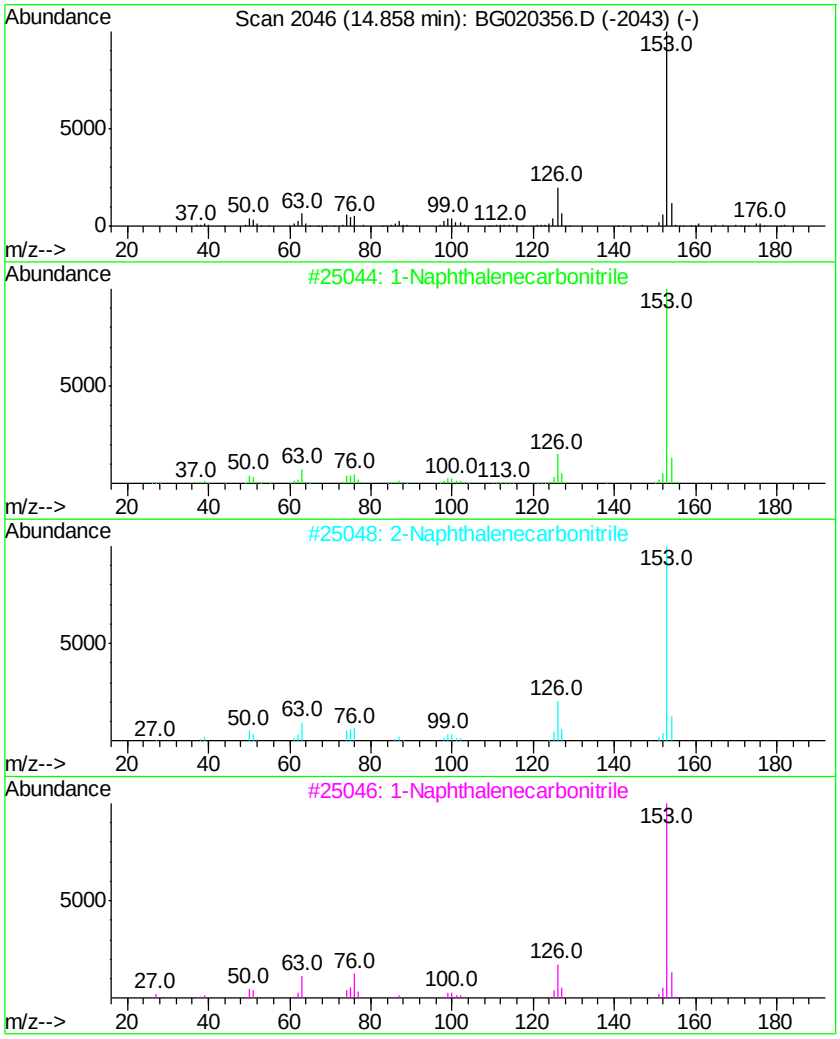
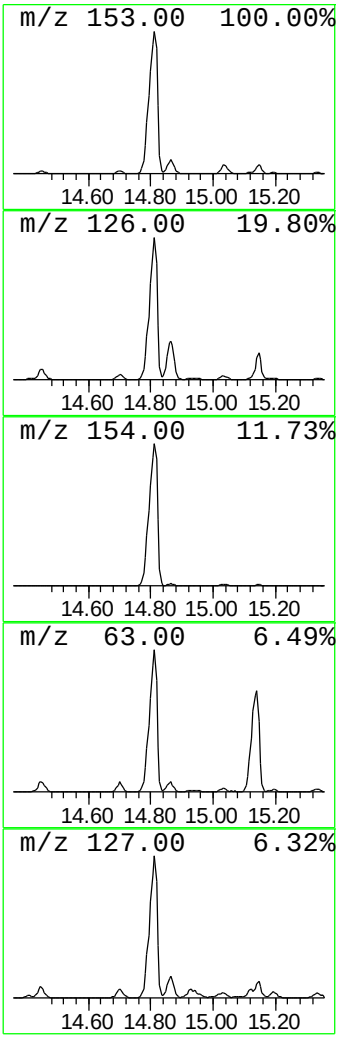
Peak Number 7 1-Naphthalenecarbonitrile Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	9.25 ng/ul	309033	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





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Misc :
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Instrument : BNA_G
ClientSampleId : D9N48

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Quant Title : SVOA CALIBRATION

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

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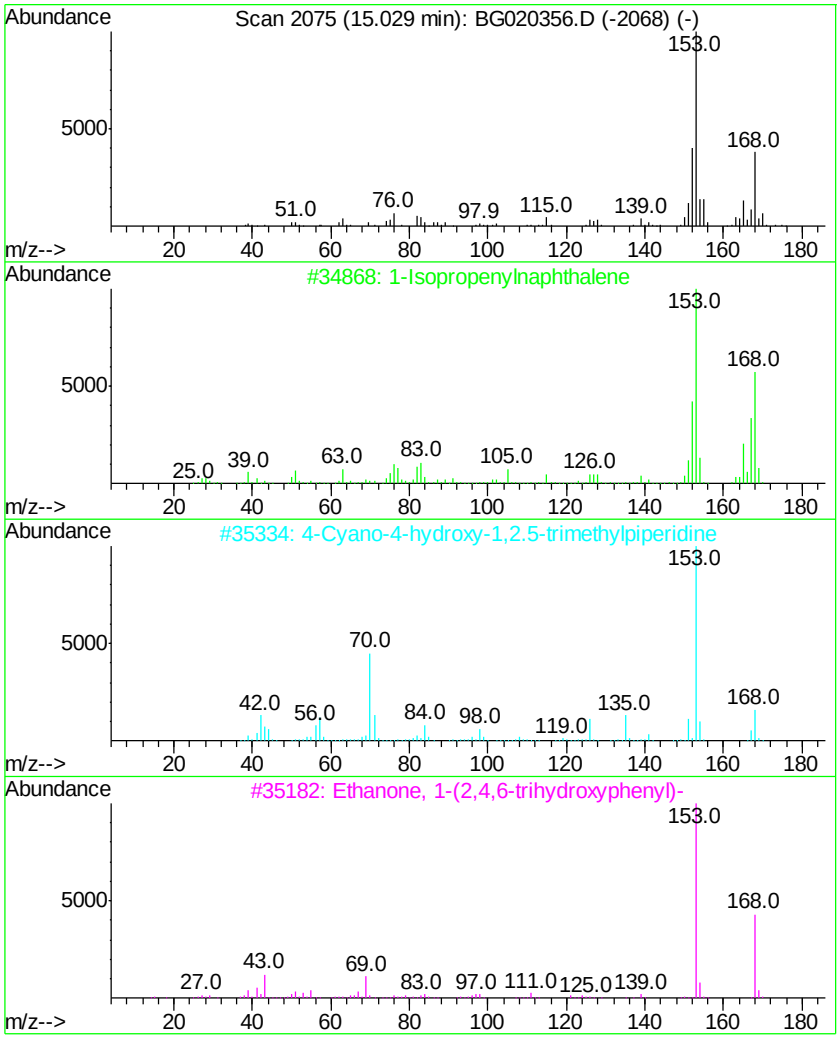
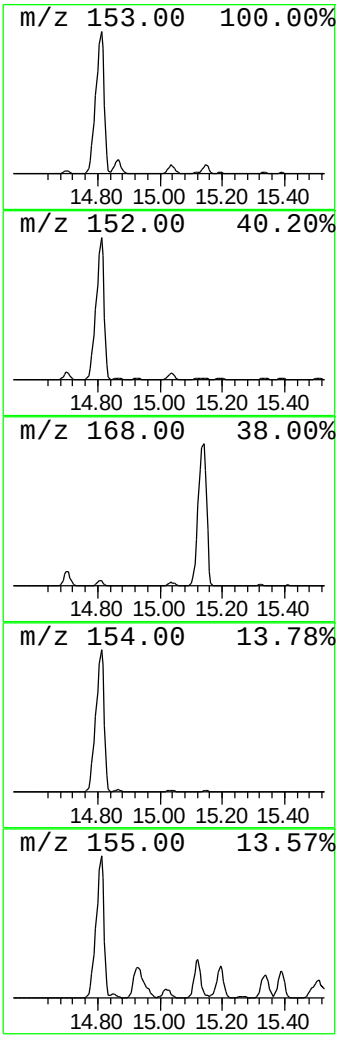
Peak Number 8 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	9.53 ng/ul	318334	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	86
2	4-Cyano-4-hydroxy-1,2.5-trimethy...	168	C9H16N2O	051871-79-5	53
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
5	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	47





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Instrument : BNA_G
ClientSampleId : D9N48

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Quant Title : SVOA CALIBRATION

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

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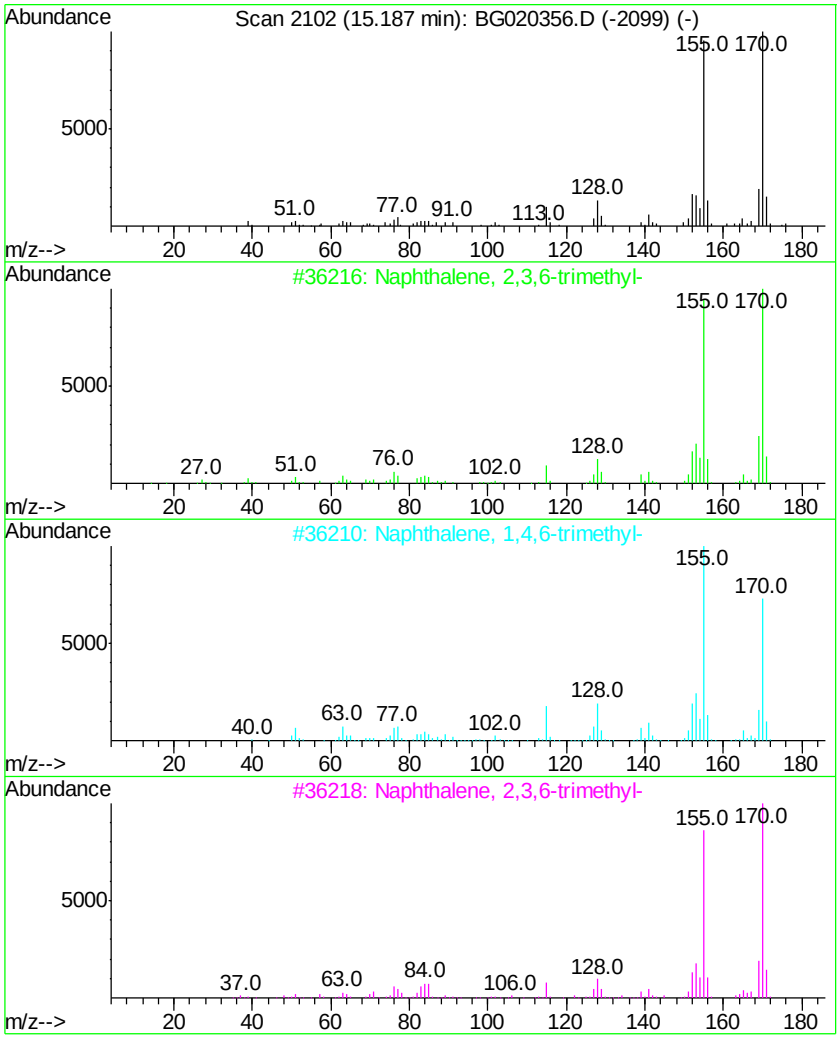
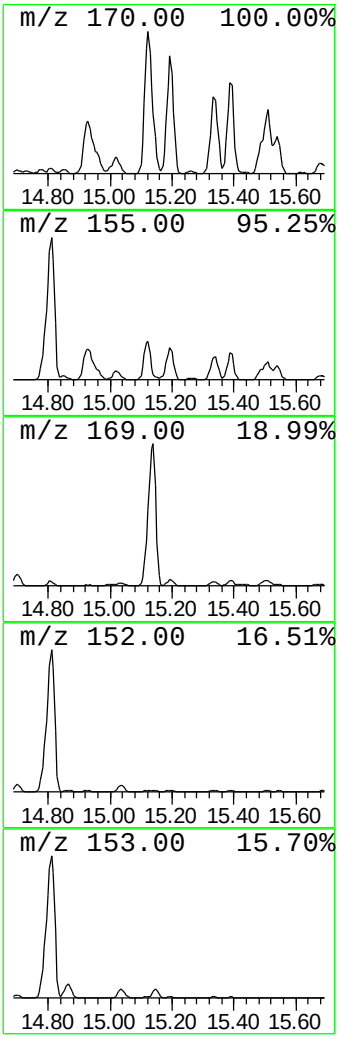
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.60 ng/ul	220501	Acenaphthene-d10	14.73

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	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : D9N48

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Quant Title : SVOA CALIBRATION

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

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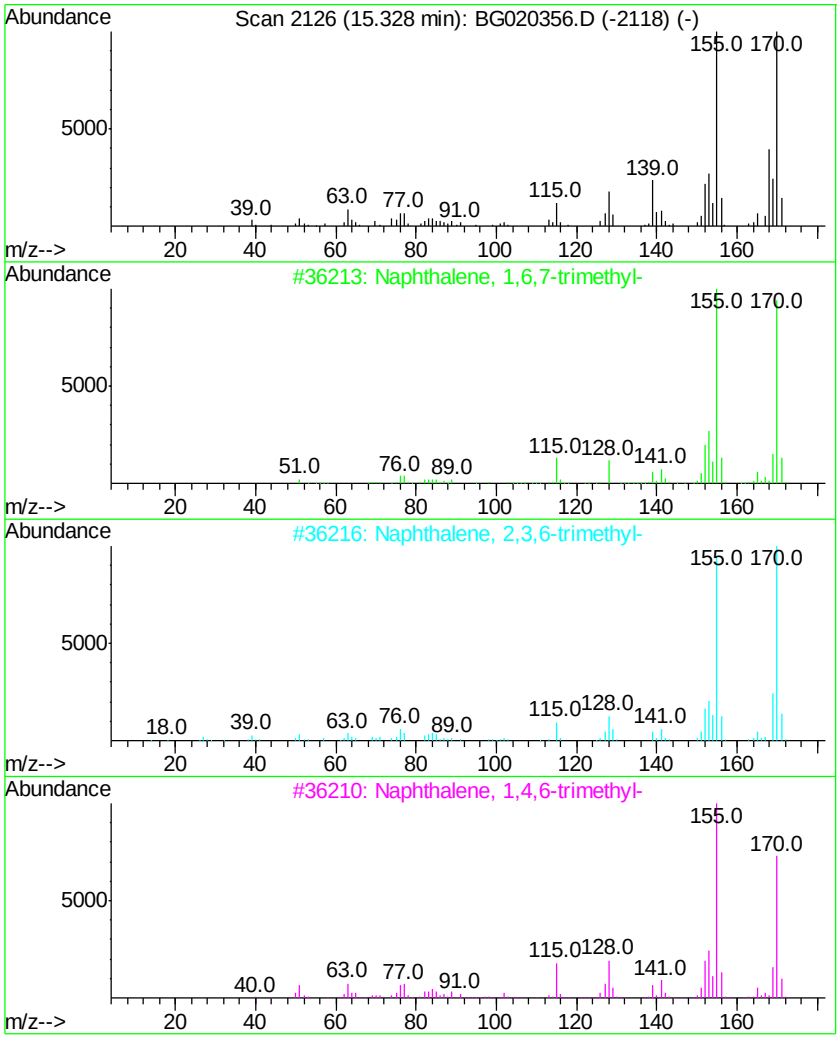
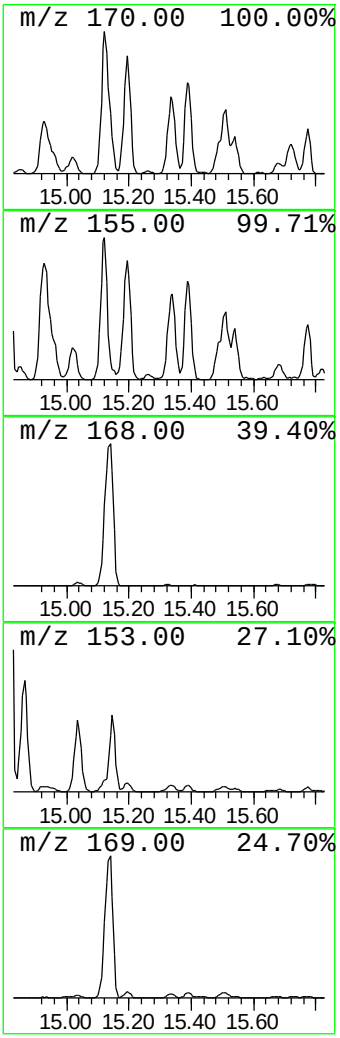
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	6.05 ng/ul	202271	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





Library Search Compound Report

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Sample : G4848-02
Misc :
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Instrument : BNA_G
ClientSampleId : D9N48

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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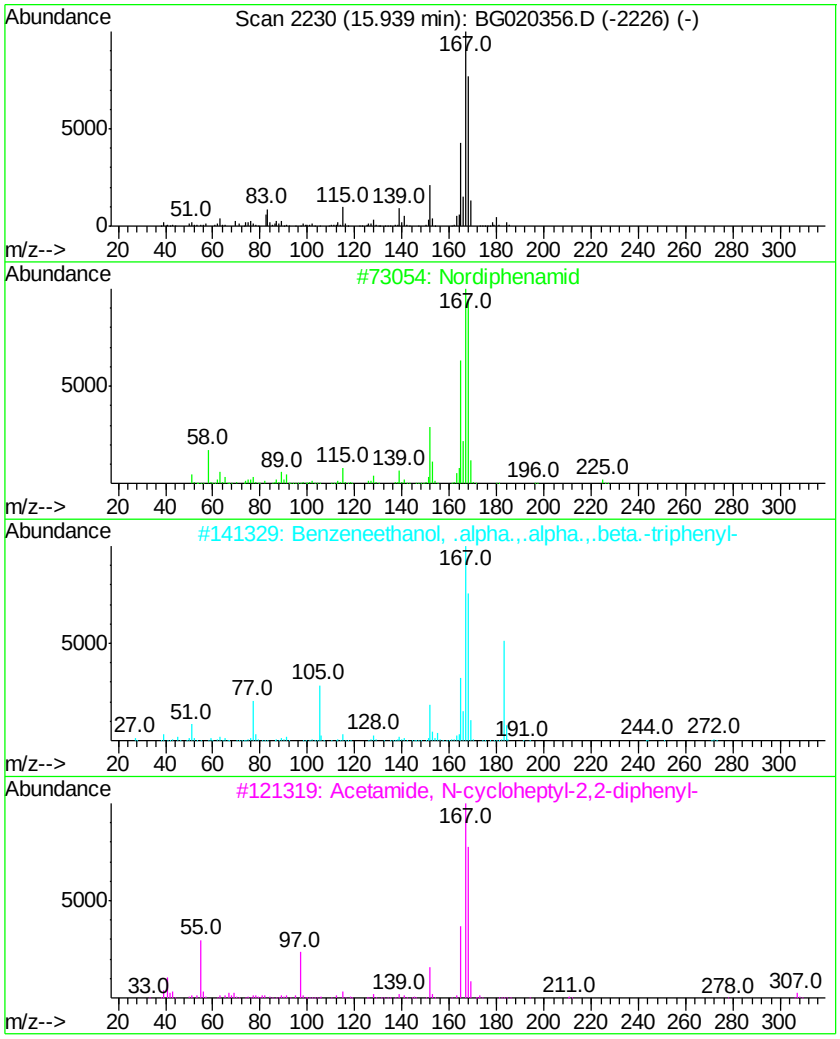
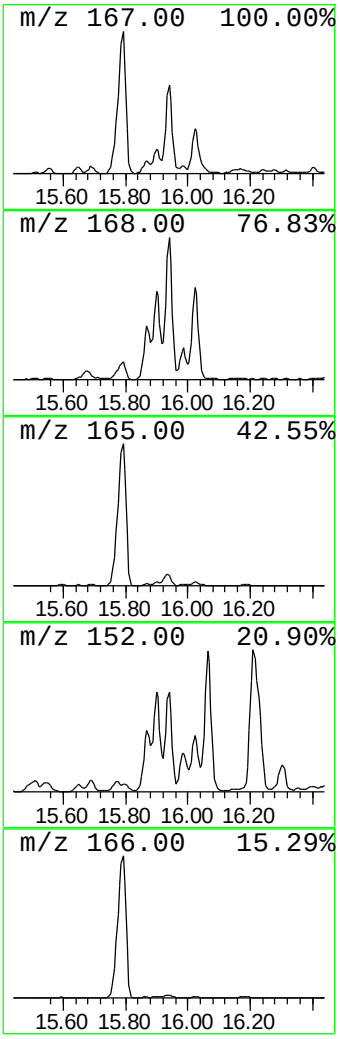
Peak Number 13 Nordiphenamid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	22.87 ng/ul	764115	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	90
2	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	83
3	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	78
4	Diphenylmethane	168	C13H12	000101-81-5	74
5	Diphenylmethane	168	C13H12	000101-81-5	74





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Operator : UM/SJ
Sample : G4848-02
Misc :
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Instrument : BNA_G
ClientSampleId : D9N48

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Quant Title : SVOA CALIBRATION

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

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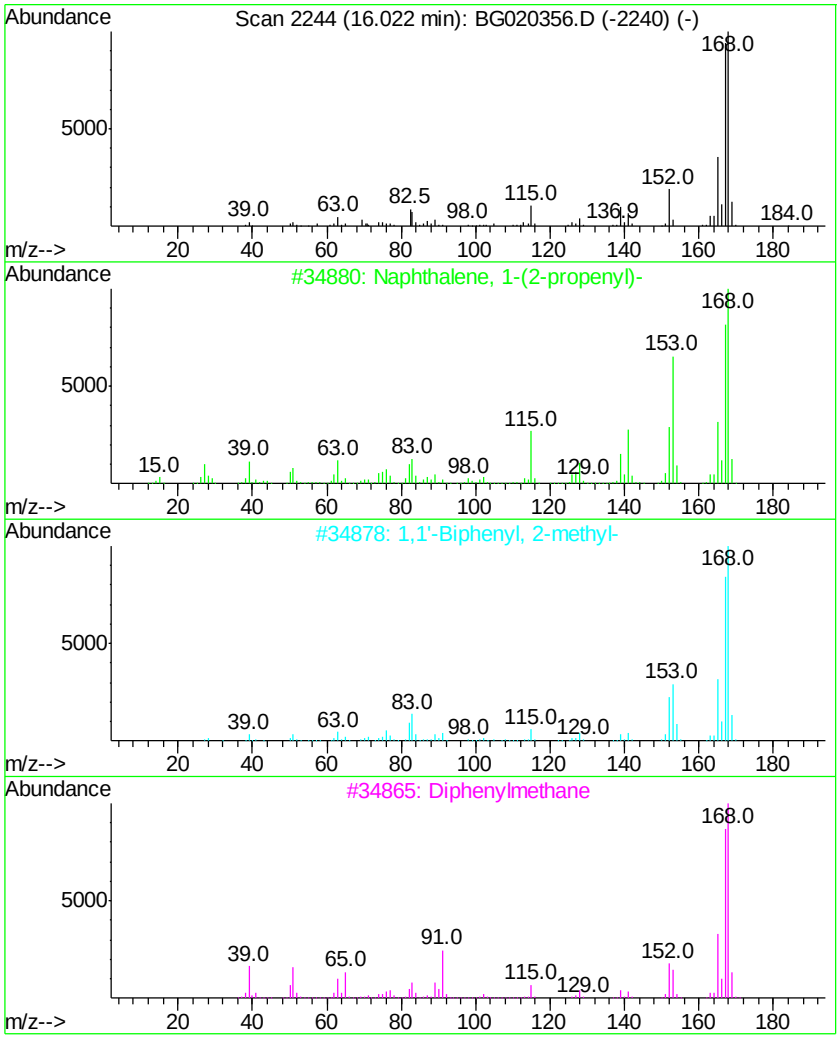
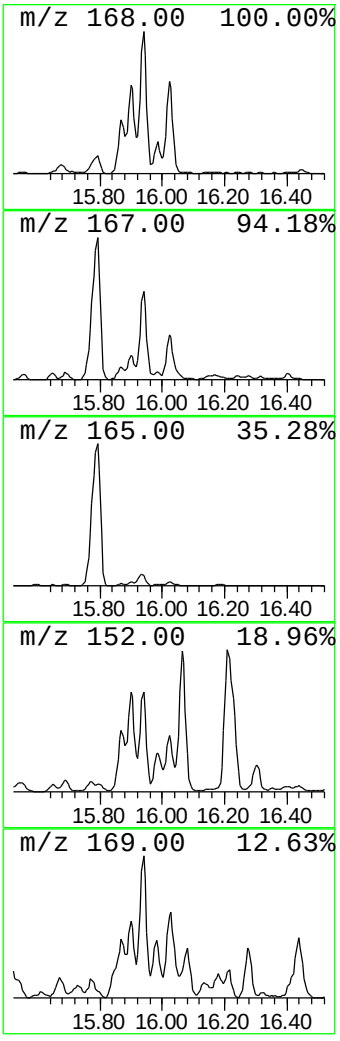
Peak Number 14 Naphthalene, 1-(2-propenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	9.74 ng/ul	325311	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	87
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87
3	Diphenylmethane	168	C13H12	000101-81-5	83
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	80
5	Diphenylmethane	168	C13H12	000101-81-5	80





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Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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Quant Title : SVOA CALIBRATION

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

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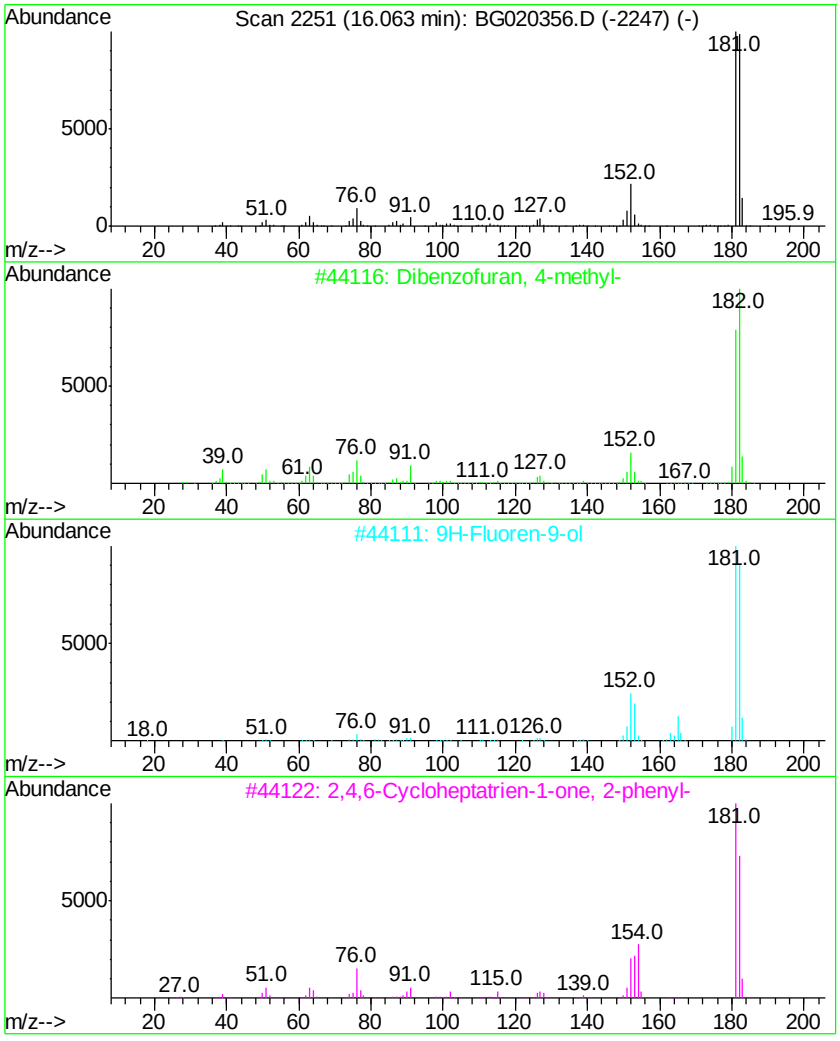
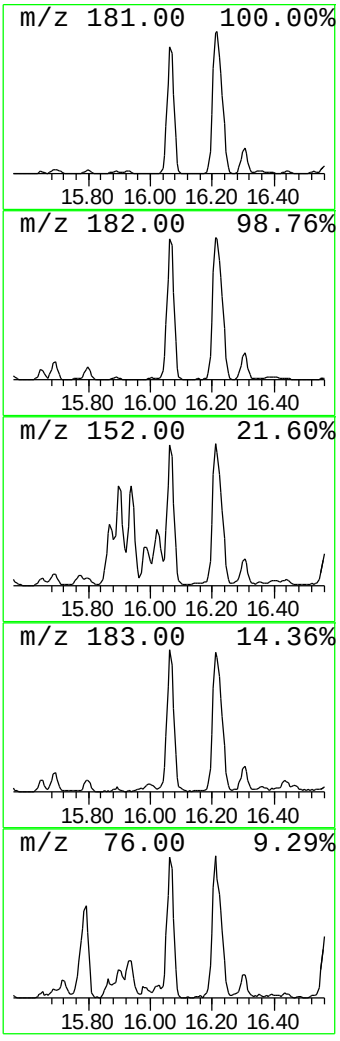
Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	28.39 ng/ul	948524	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Xanthene	182	C13H10O	000092-83-1	58
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	56





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Sample : G4848-02
Misc :
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Instrument : BNA_G
ClientSampleId : D9N48

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Quant Title : SVOA CALIBRATION

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

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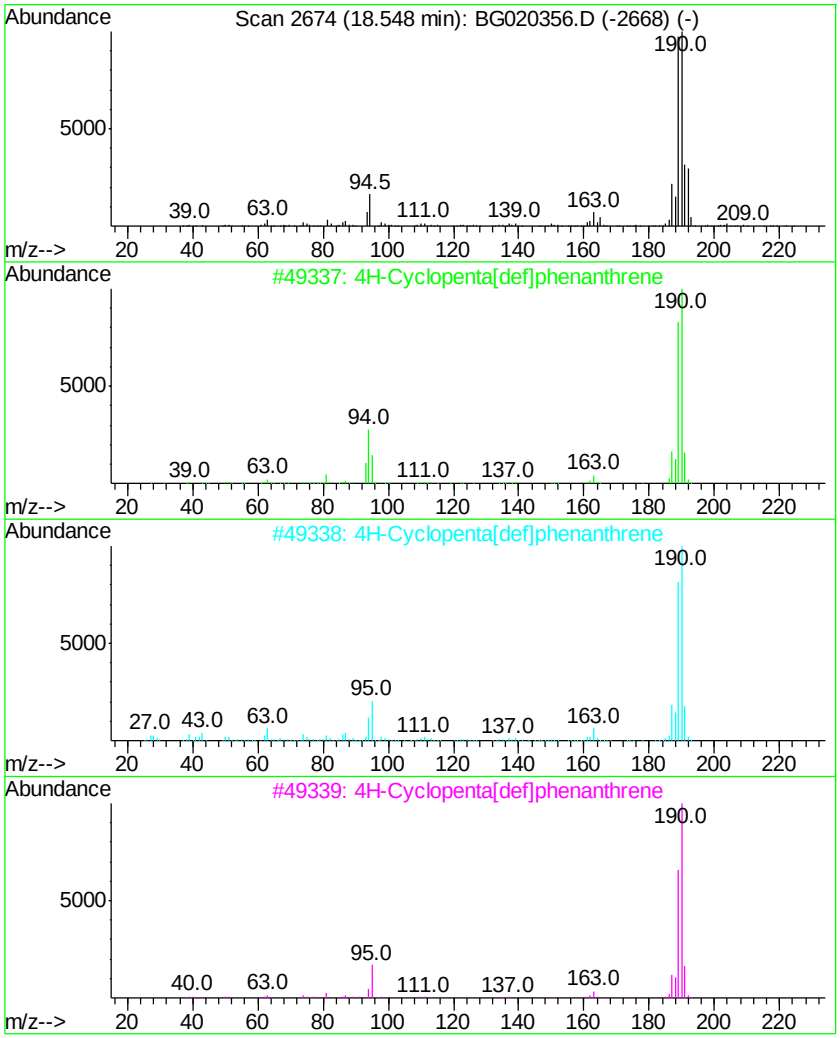
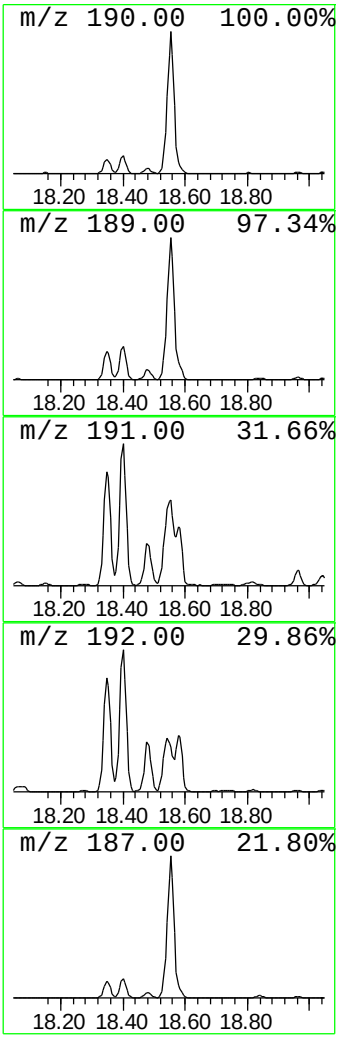
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.84 ng/ul	3338520	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Sample : G4848-02
Misc :
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Instrument : BNA_G
ClientSampleId : D9N48

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Quant Title : SVOA CALIBRATION

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

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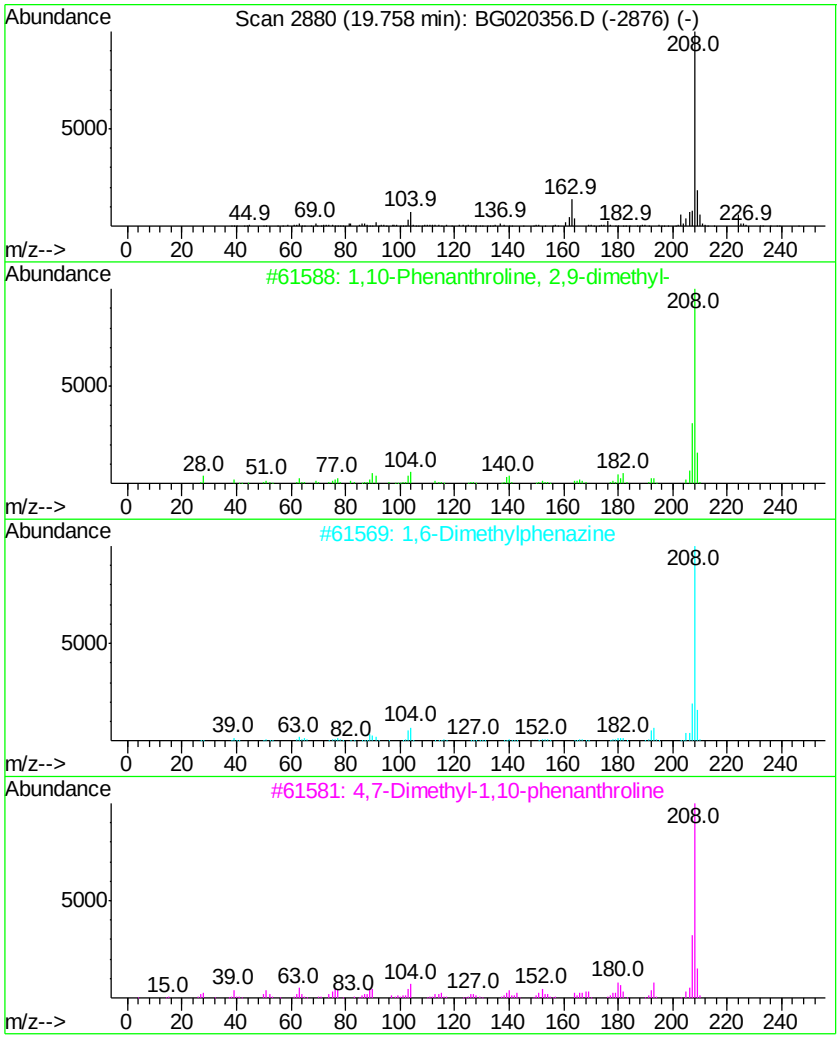
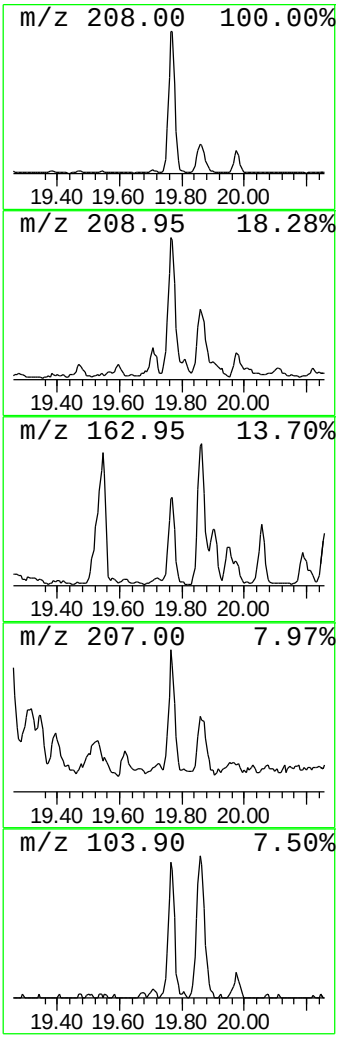
Peak Number 17 1,10-Phenanthroline, 2,9-di... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.00 ng/ul	480405	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	64
2	1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	64
3	4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	59
4	Indole, 6-methyl-2-(2-pyridyl)-	208	C14H12N2	107919-89-1	59
5	Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8	59





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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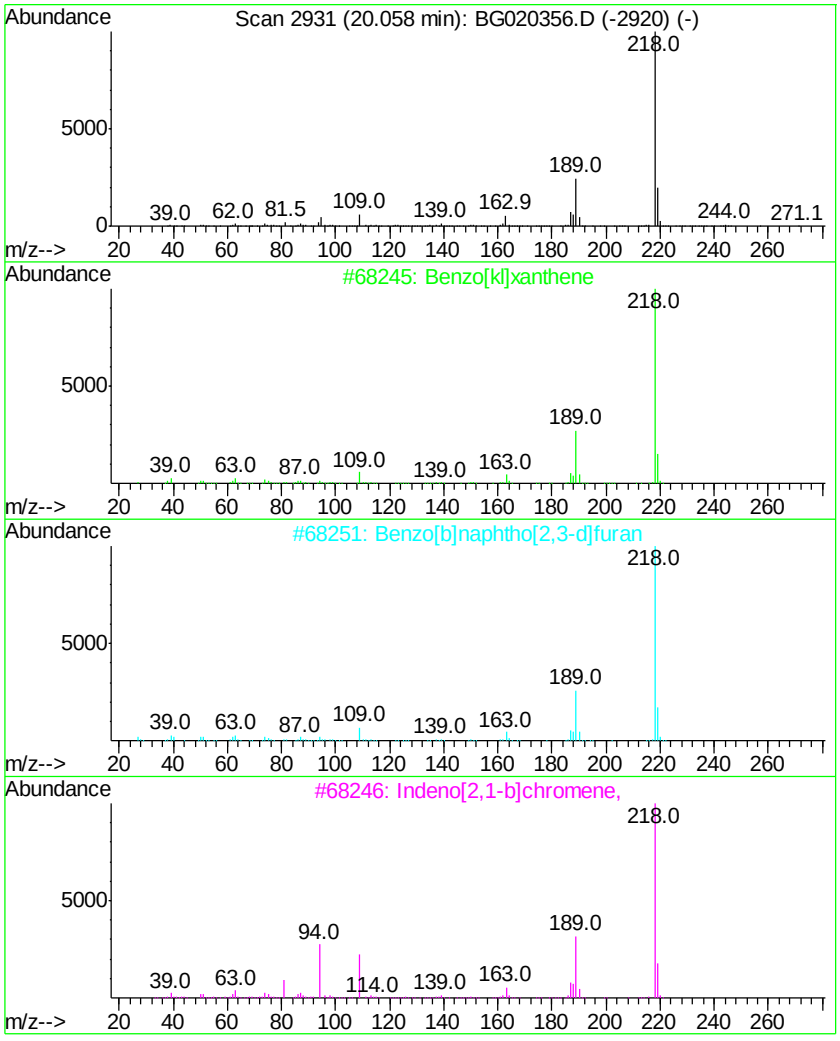
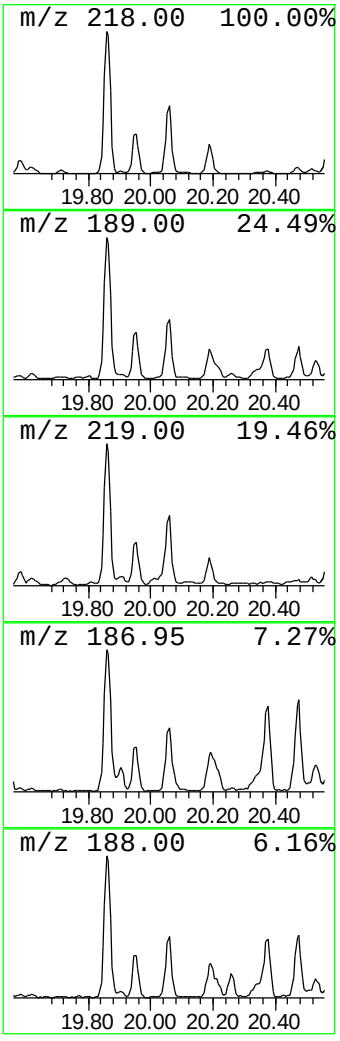
Peak Number 18 Benzo[kl]xanthene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.46 ng/ul	552971	Chrysene-d12	21.75

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





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Misc :
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ClientSampleId : D9N48

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Quant Title : SVOA CALIBRATION

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

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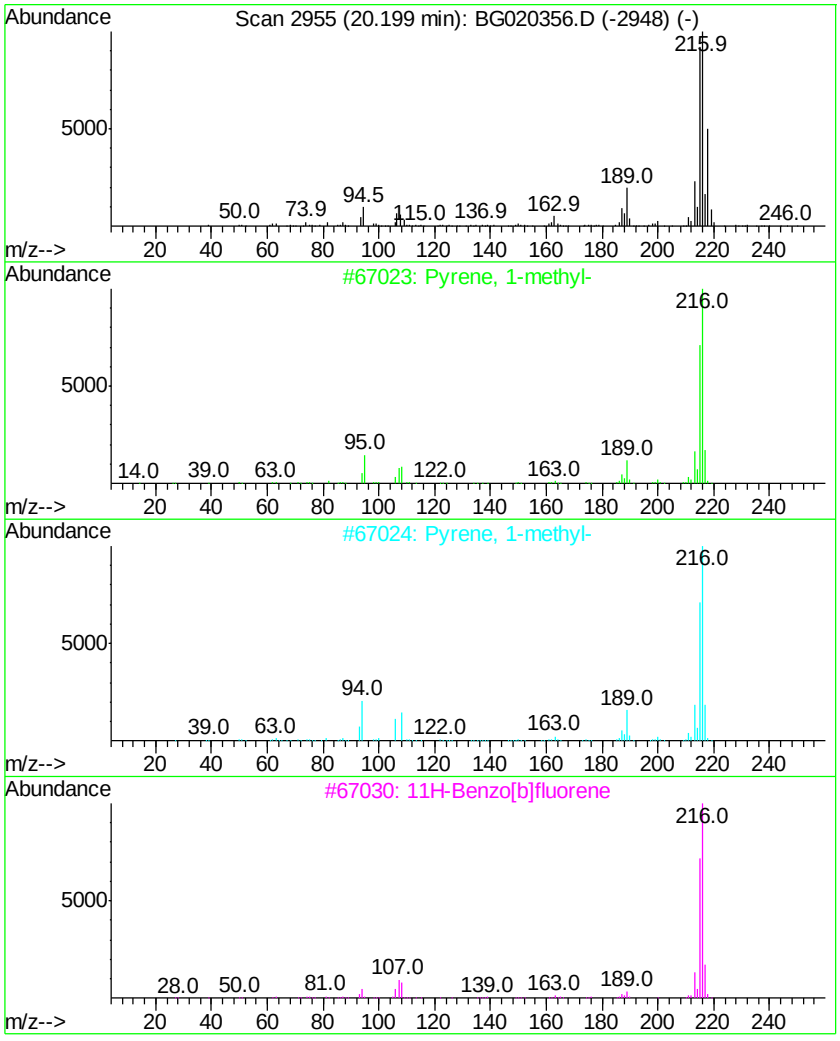
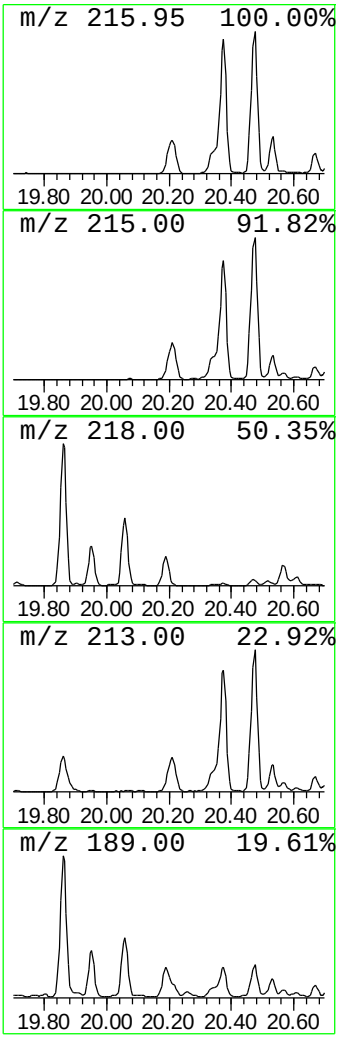
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	2.87 ng/ul	458479	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Sample : G4848-02
Misc :
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Instrument : BNA_G
ClientSampleId : D9N48

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Quant Title : SVOA CALIBRATION

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

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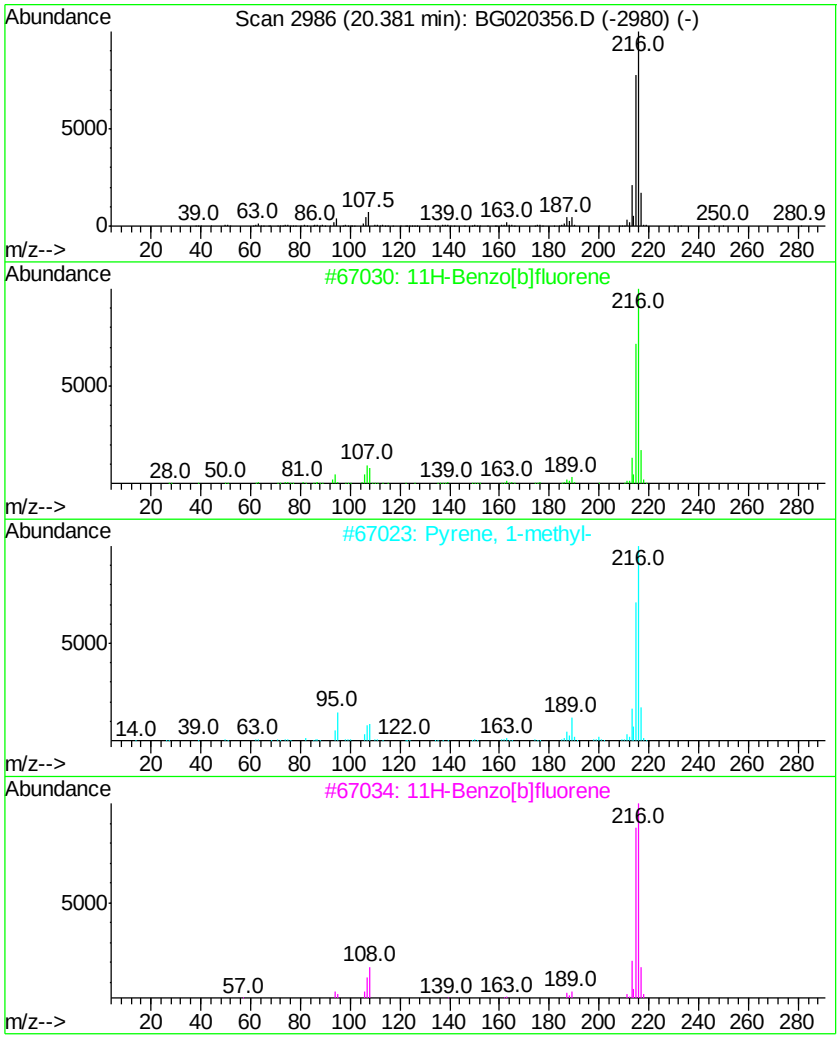
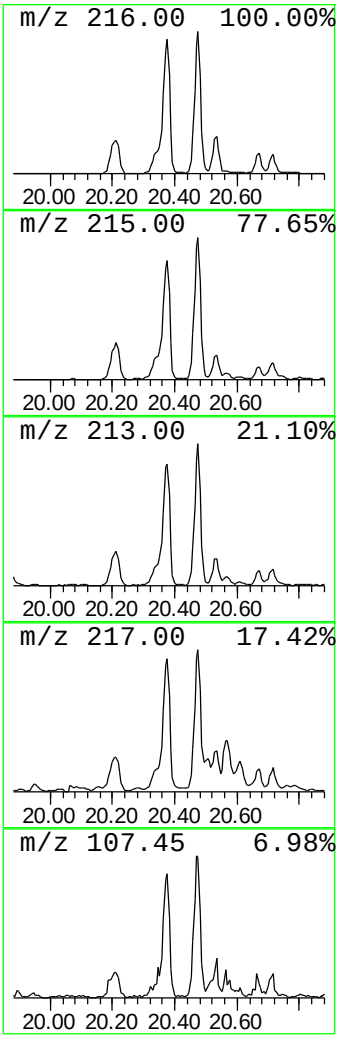
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	8.52 ng/ul	1363100	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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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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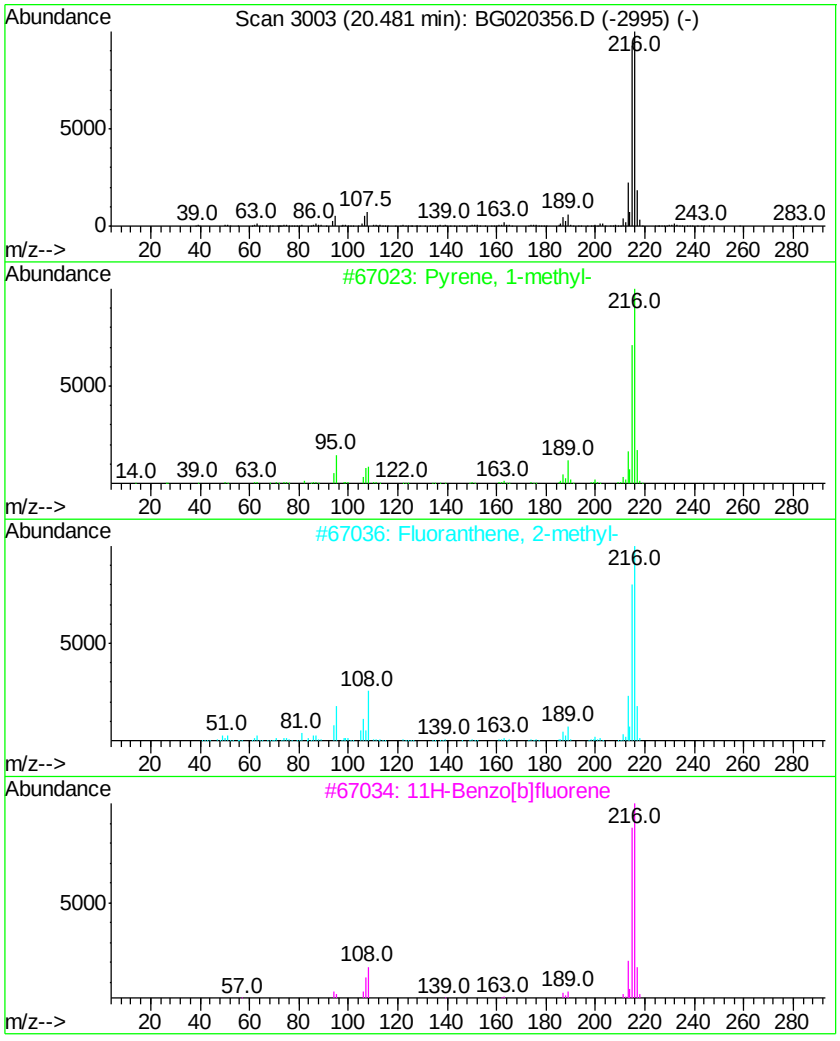
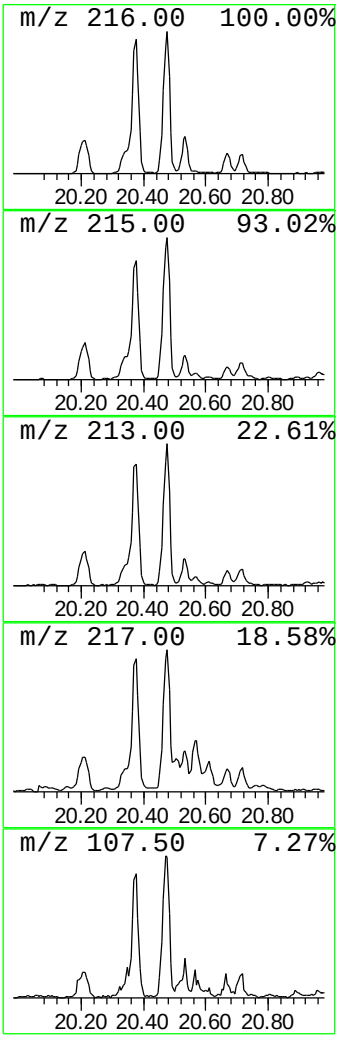
Peak Number 21 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	10.16 ng/ul	1624290	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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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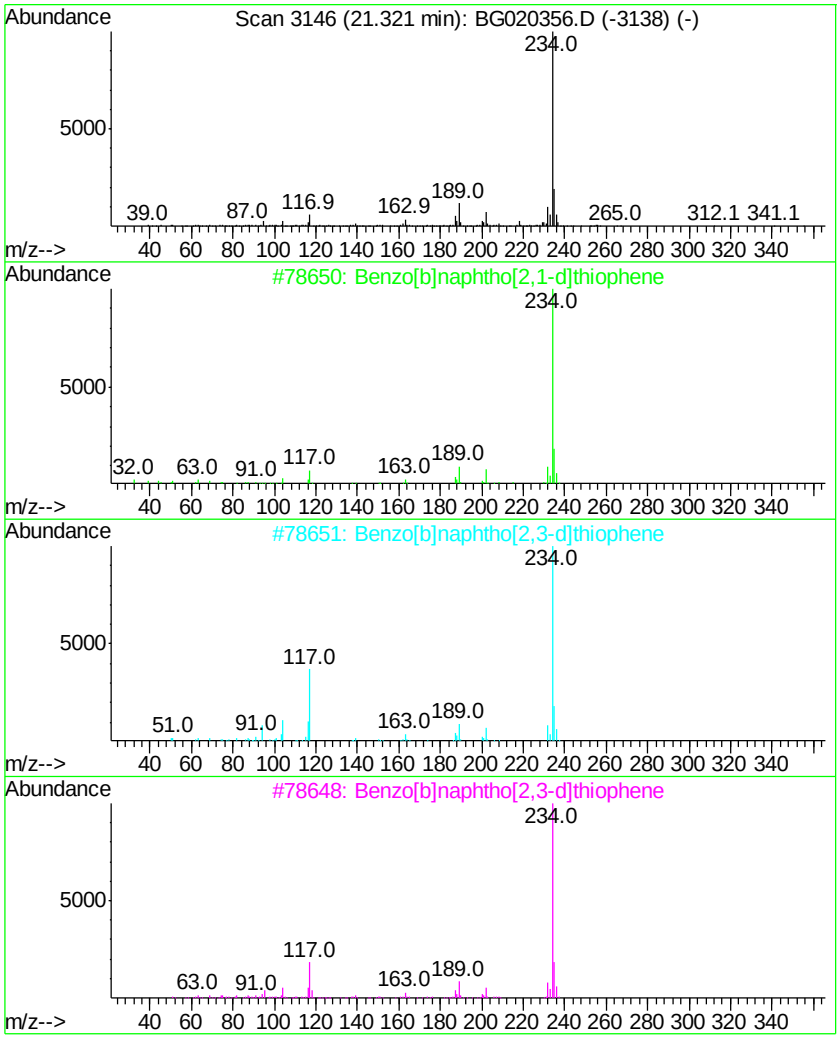
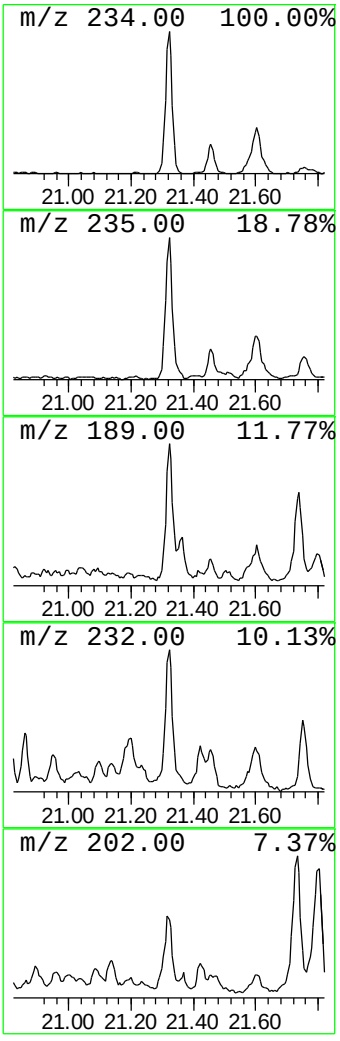
Peak Number 23 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.98 ng/ul	476014	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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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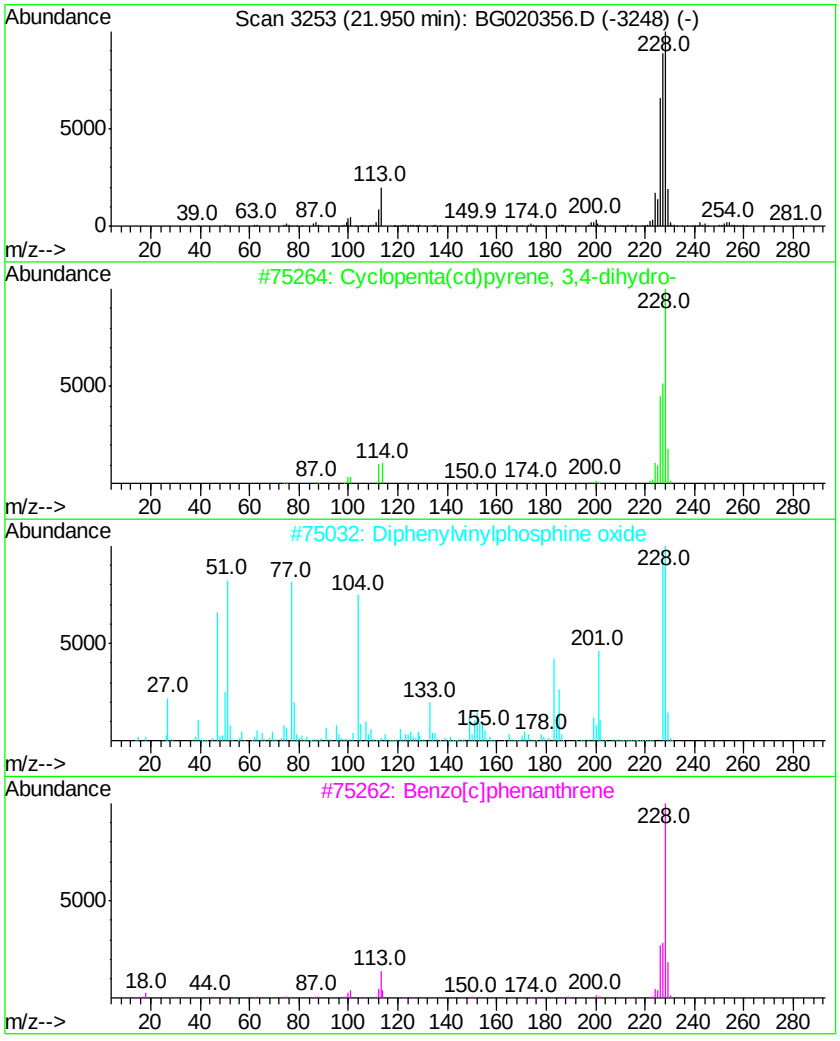
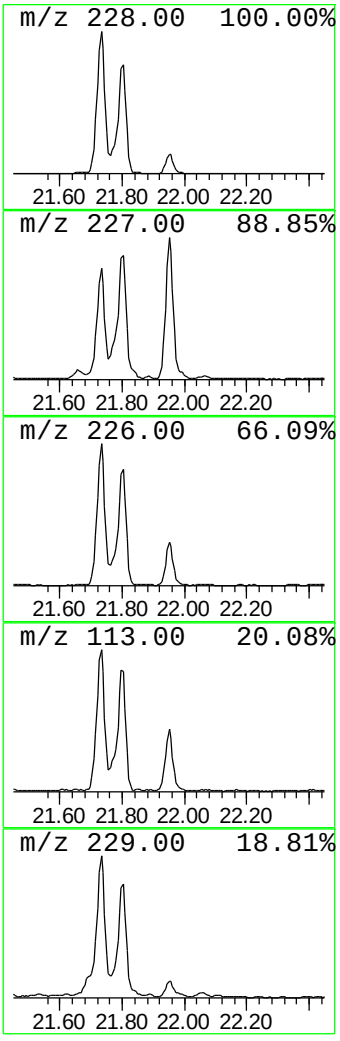
Peak Number 26 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.90 ng/ul	462989	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	87
2	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
Data File : BG020356.D
Acq On : 20 Dec 2015 23:56
Operator : UM/SJ
Sample : G4848-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N48

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
Indene	8.63	20.0	ng/ul	338646	1	8.09	338646	20.0
Naphthalene, 1-me...	12.78	236.3	ng/ul	1997010	2	10.92	169054	20.0
Naphthalene, 1-et...	13.75	17.8	ng/ul	595844	3	14.73	668194	20.0
Naphthalene, 1,3-...	13.90	31.9	ng/ul	1066430	3	14.73	668194	20.0
Naphthalene, 2,3-...	14.05	30.2	ng/ul	1007940	3	14.73	668194	20.0
1-Naphthalenecarb...	14.86	9.3	ng/ul	309033	3	14.73	668194	20.0
1-Isopropenylnaph...	15.03	9.5	ng/ul	318334	3	14.73	668194	20.0
Naphthalene, 2,3,...	15.19	6.6	ng/ul	220501	3	14.73	668194	20.0
Naphthalene, 1,6,...	15.33	6.0	ng/ul	202271	3	14.73	668194	20.0
Nordiphenamid	15.94	22.9	ng/ul	764115	3	14.73	668194	20.0
Naphthalene, 1-(2...	16.02	9.7	ng/ul	325311	3	14.73	668194	20.0
Dibenzofuran, 4-m...	16.06	28.4	ng/ul	948524	3	14.73	668194	20.0
4H-Cyclopenta[def...	18.55	3.8	ng/ul	3338520	4	17.48	17397500	20.0
1,10-Phenanthroli...	19.76	3.0	ng/ul	480405	5	21.75	3198110	20.0
Benzo[kl]xanthene	20.06	3.5	ng/ul	552971	5	21.75	3198110	20.0
Pyrene, 1-methyl-	20.20	2.9	ng/ul	458479	5	21.75	3198110	20.0
11H-Benzo[b]fluorene	20.38	8.5	ng/ul	1363100	5	21.75	3198110	20.0
Fluoranthene, 2-m...	20.48	10.2	ng/ul	1624290	5	21.75	3198110	20.0
Benzo[b]naphtho[2...	21.32	3.0	ng/ul	476014	5	21.75	3198110	20.0
Cyclopenta(cd)pyr...	21.95	2.9	ng/ul	462989	5	21.75	3198110	20.0