LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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	3.114	42	47	57	rBV2	47055	102133	0.41%	0.117%
2	5.575	460	466	476	rVB	143913	226436	0.91%	0.259%
3	5.710	483	489	499	rVB	68026	143904	0.58%	0.165%
4	6.087	543	553	560	rBV3	47006	96940	0.39%	0.111%
5	7.173	728	738	743	rBV	49049	77931	0.31%	0.089%
6	7.414	772	779	785	rBV	65379	108728	0.44%	0.125%
7	7.620	808	814	821	rVB	67392	111255	0.45%	0.127%
8	7.738	827	834	842	rVV2	98234	170180	0.68%	0.195%
9	8.090	888	894	908	rBB	71235	125653	0.50%	0.144%
10	8.472	951	959	966	rBV	446092	756060	3.04%	0.866%
11	8.636	980	987	998	rVB	592683	1000872	4.02%	1.147%
12	8.795	1008	1014	1022	rVB	56532	94684	0.38%	0.108%
13	9.265	1088	1094	1108	rVV2	85792	205022	0.82%	0.235%
14	9.582	1136	1148	1154	rBV	100673	231064	0.93%	0.265%
15	9.988	1211	1217	1232	rVB	72253	132201	0.53%	0.151%
16	10.152	1239	1245	1256	rVB	57903	103774	0.42%	0.119%
17	10.305	1264	1271	1282	rBV3	135335	439664	1.77%	0.504%
18	10.411	1282	1289	1302	rVV	110189	317909	1.28%	0.364%
19	10.540	1302	1311	1318	rVV2	147063	300605	1.21%	0.344%
20	11.034	1370	1395	1400	rVV	6624218	24906284	100.00%	28.536%
21	11.110	1400	1408	1414	rVB	999681	1632990	6.56%	1.871%
22	12.461	1632	1638	1646	rVB	93549	162767	0.65%	0.186%
23	12.579	1646	1658	1664	rBV	3018910	5900793	23.69%	6.761%
24	12.679	1668	1675	1682	rBV	105211	198137	0.80%	0.227%
25	12.796	1682	1695	1702	rVB	2028984	3753045	15.07%	4.300%
26	13.560	1818	1825	1832	rBV	883183	1386960	5.57%	1.589%
27	13.754	1852	1858	1869	rVV	201750	412113	1.65%	0.472%
28	13.907	1869	1884	1891	rVV2	242751	679827	2.73%	0.779%
29	14.048	1900	1908	1913	rVV	417311	778731	3.13%	0.892%
30	14.101	1913	1917	1919	rVV	278969	410075	1.65%	0.470%
31	14.130	1919	1922	1927	rVV	251802	363672	1.46%	0.417%
32	14.283	1940	1948	1952	rBV	172428	286439	1.15%	0.328%
33	14.424	1965	1972	1974	rVV	246497	441088	1.77%	0.505%
34	14.447	1974	1976	1986	rVB	313915	429829	1.73%	0.492%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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	14.700	2012	2019	2022	rBV	188806	308371	1.24%	0.353%
36	14.729	2022	2024	2029	rVV2	162428	223899	0.90%	0.257%
37	14.812	2029	2038	2042	rVV	3655914	6758567	27.14%	7.743%
38	14.864	2042	2047	2052	rVV	657490	992315	3.98%	1.137%
39	14.911	2052	2055	2066	rVV4	52699	124958	0.50%	0.143%
40	15.035	2066	2076	2080	rVV	96683	175917	0.71%	0.202%
41	15.135	2085	2093	2099	rVV2	2255005	3986368	16.01%	4.567%
42	15.199	2099	2104	2111	rVB2	55900	98967	0.40%	0.113%
43	15.335	2119	2127	2132	rBV3	44973	86922	0.35%	0.100%
44	15.393	2132	2137	2149	rVV4	32822	85093	0.34%	0.097%
45	15.716	2187	2192	2197	rVV	336820	559989	2.25%	0.642%
46	15.787	2197	2204	2209	rVV	2424804	4117119	16.53%	4.717%
47	15.834	2209	2212	2215	rVV	100299	159002	0.64%	0.182%
48	15.869	2215	2218	2219	rVV2	83766	107693	0.43%	0.123%
49	15.899	2219	2223	2225	rVV2	157368	251218	1.01%	0.288%
50	15.934	2225	2229	2234	rVV2	219029	382460	1.54%	0.438%
51	15.981	2234	2237	2240	rVV2	69236	110288	0.44%	0.126%
52	16.022	2240	2244	2247	rVV	113999	179679	0.72%	0.206%
53	16.063	2247	2251	2260	rVV	185073	291234	1.17%	0.334%
54	16.204	2260	2275	2285	rVV2	230534	576425	2.31%	0.660%
55	16.562	2328	2336	2342	rBV	201051	301014	1.21%	0.345%
56	16.615	2342	2345	2358	rVB2	34856	81281	0.33%	0.093%
57	16.768	2367	2371	2376	rVV	116188	198554	0.80%	0.227%
58	16.821	2376	2380	2386	rVB2	52658	84335	0.34%	0.097%
59	16.921	2391	2397	2403	rBV	49368	78948	0.32%	0.090%
60	17.291	2454	2460	2467	rVV	304766	469865	1.89%	0.538%
61	17.473	2484	2491	2494	rVV	226214	466959	1.87%	0.535%
62	17.526	2494	2500	2505	rVV	3046815	5353563	21.49%	6.134%
63	17.579	2505	2509	2512	rVV2	583793	914884	3.67%	1.048%
64	17.608	2512	2514	2519	rVV	248917	296568	1.19%	0.340%
65	17.661	2519	2523	2533	rVB3	50106	96127	0.39%	0.110%
66	17.884	2553	2561	2567	rVB	1942921	3349940	13.45%	3.838%
67	17.984	2575	2578	2581	rVV	75305	116551	0.47%	0.134%
68	18.020	2581	2584	2592	rVB2	67559	109839	0.44%	0.126%
69	18.114	2592	2600	2605	rBV2	84587	198836	0.80%	0.228%
70	18.161	2605	2608	2612	rVV	52668	72341	0.29%	0.083%
71	18.302	2628	2632	2635	rBV	66516	84352	0.34%	0.097%

LSC Area Percent Report

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Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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	18.343	2635	2639	2642	rBV	88245	105475	0.42%	0.121%
73	18.390	2642	2647	2653	rVB	509977	747427	3.00%	0.856%
74	18.460	2653	2659	2665	rBV4	58094	108591	0.44%	0.124%
75	18.543	2665	2673	2682	rBV2	268645	504439	2.03%	0.578%
76	18.642	2682	2690	2694	rBV2	202864	414609	1.66%	0.475%
77	18.684	2694	2697	2701	rVV	206759	283471	1.14%	0.325%
78	18.778	2707	2713	2718	rBV	237866	361325	1.45%	0.414%
79	18.830	2718	2722	2727	rVB2	104444	163007	0.65%	0.187%
80	18.883	2727	2731	2734	rBV3	66496	97322	0.39%	0.112%
81	18.913	2734	2736	2747	rVB4	48798	98930	0.40%	0.113%
82	19.042	2754	2758	2762	rBV	52487	87247	0.35%	0.100%
83	19.353	2802	2811	2816	rBV5	66152	173295	0.70%	0.199%
84	19.518	2832	2839	2844	rVB	571469	823728	3.31%	0.944%
85	19.718	2866	2873	2877	rBV3	58116	115808	0.46%	0.133%
86	19.765	2877	2881	2885	rVV3	41955	79680	0.32%	0.091%
87	19.853	2888	2896	2899	rVV	547260	1018916	4.09%	1.167%
88	19.882	2899	2901	2907	rVV2	383049	461712	1.85%	0.529%
89	20.252	2959	2964	2969	rVB	258538	352886	1.42%	0.404%
90	20.317	2969	2975	2980	rVV	235120	367859	1.48%	0.421%
91	20.464	2994	3000	3004	rVV2	42692	77880	0.31%	0.089%
92	20.928	3074	3079	3082	rVV	67154	104328	0.42%	0.120%
93	20.975	3082	3087	3095	rVB	89560	149293	0.60%	0.171%
94	21.322	3140	3146	3148	rBV2	44831	75379	0.30%	0.086%
95	21.351	3148	3151	3158	rVV4	61599	106613	0.43%	0.122%
96	21.745	3209	3218	3224	rBV2	337763	642006	2.58%	0.736%
97	22.156	3282	3288	3300	rVB	45183	85831	0.34%	0.098%
98	22.373	3318	3325	3338	rBV	68052	152263	0.61%	0.174%
99	24.788	3724	3736	3751	rBV	263283	731589	2.94%	0.838%
100	25.017	3764	3775	3786	rBV2	162798	451765	1.81%	0.518%

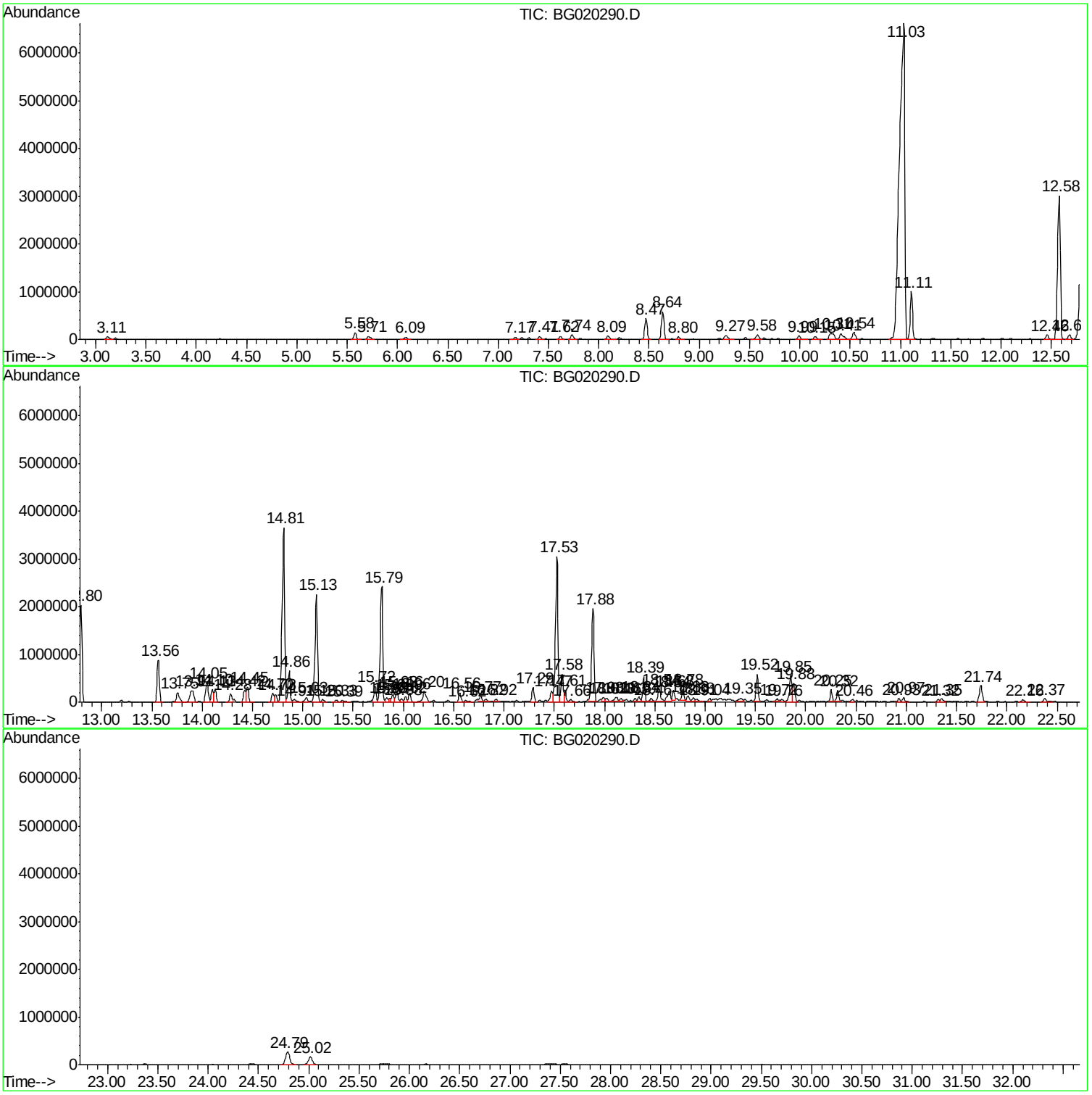
Sum of corrected areas: 87280880

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
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Instrument : BNA_G
ClientSampleId : D9N35

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

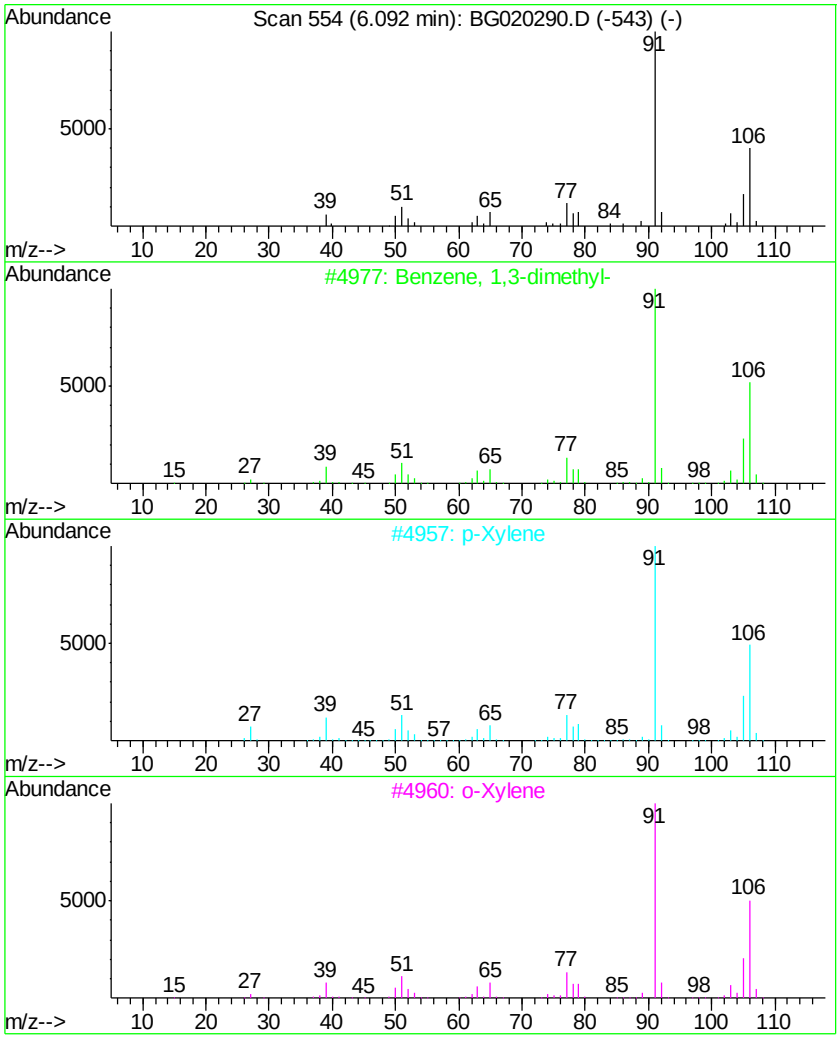
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

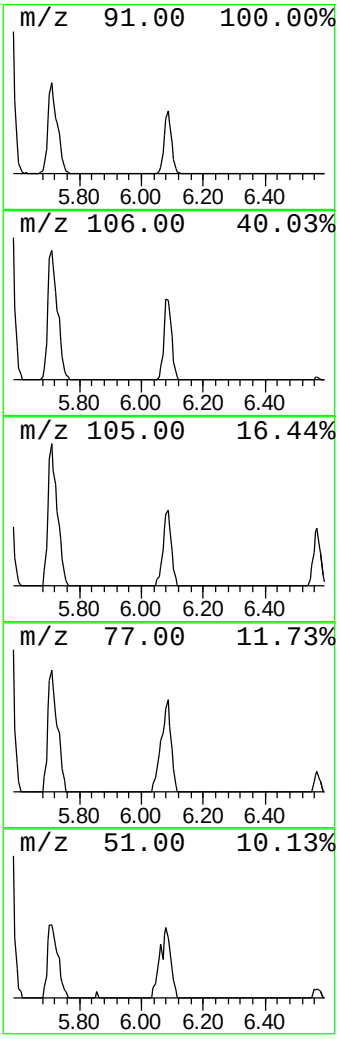
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	15.43 ng/ul	96940	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	o-Xylene	106	C8H10	000095-47-6	94
5	p-Xylene	106	C8H10	000106-42-3	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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

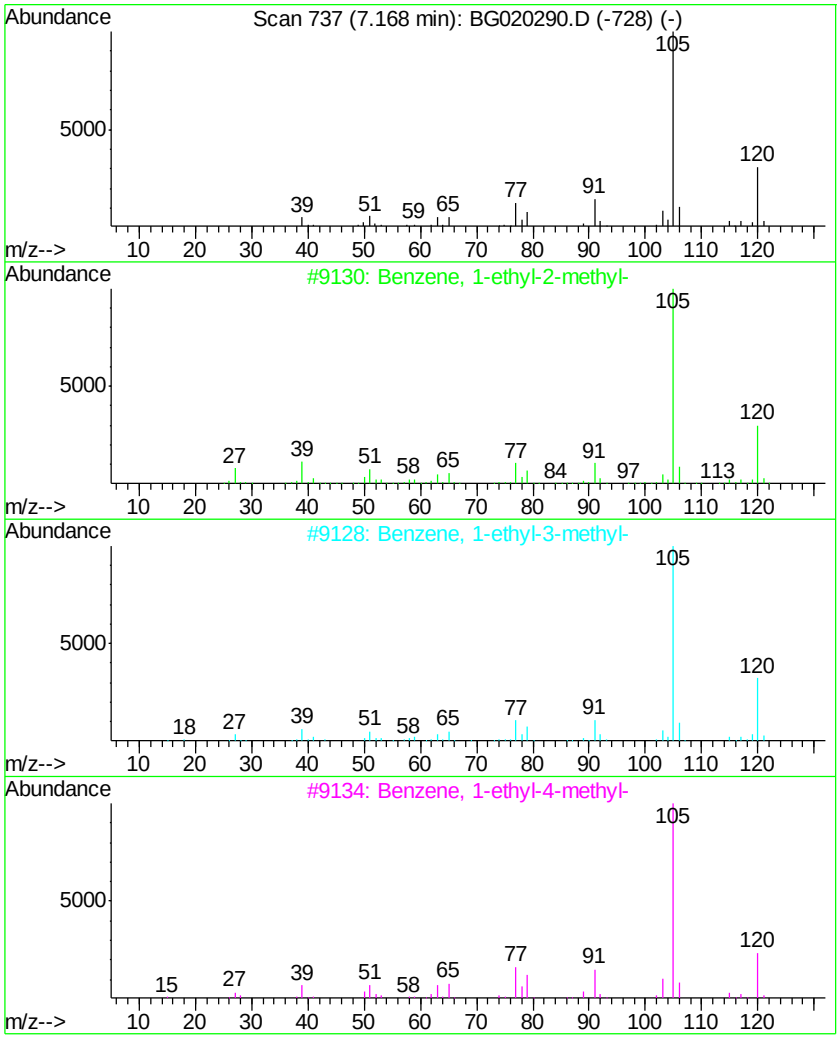
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

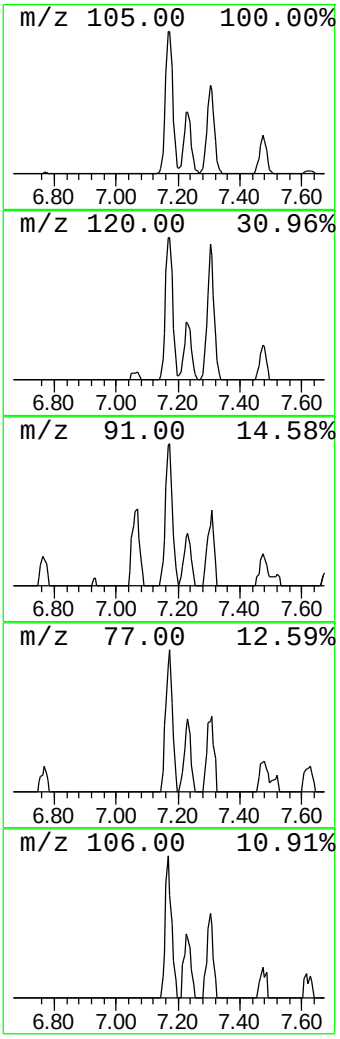
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	12.40 ng/ul	77931	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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

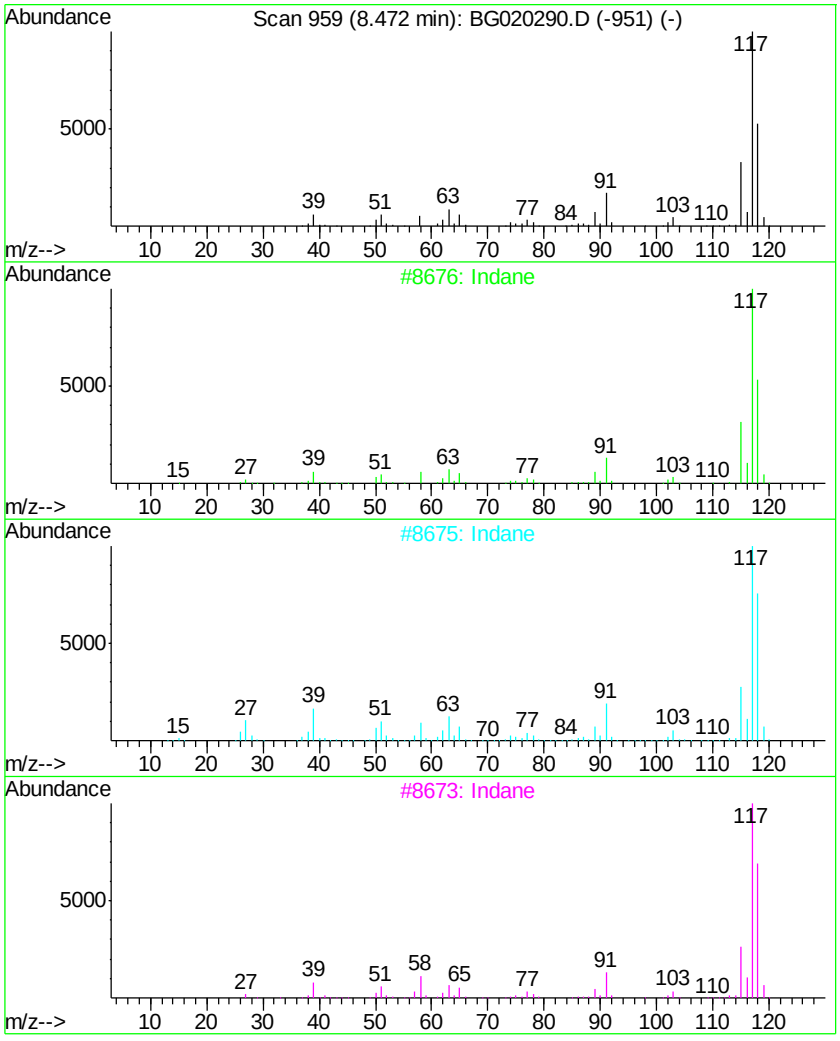
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

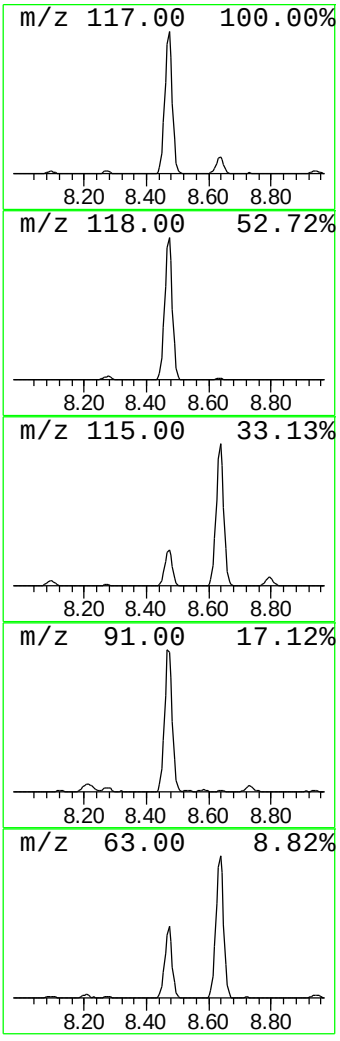
****

Peak Number 7 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	120.34 ng/ul	756060	1,4-Dichlorobenzene-d4	8.09

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	87
4	Deltacyclene	118	C9H10	007785-10-6	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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

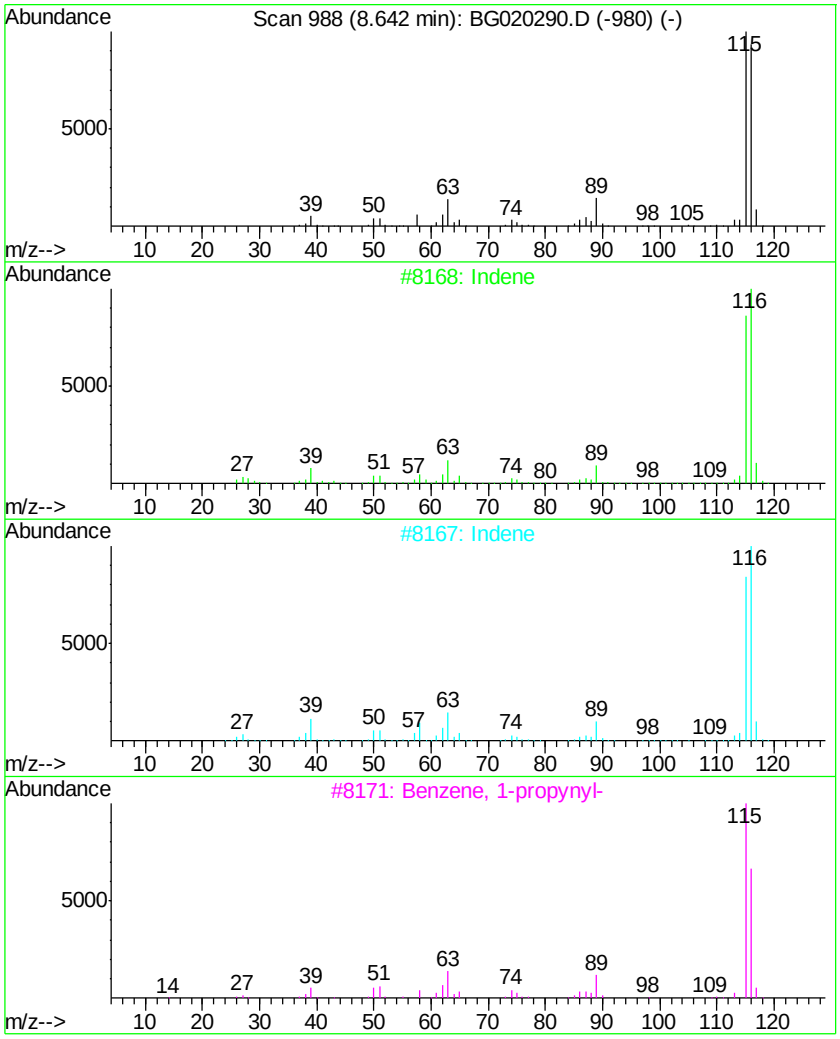
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

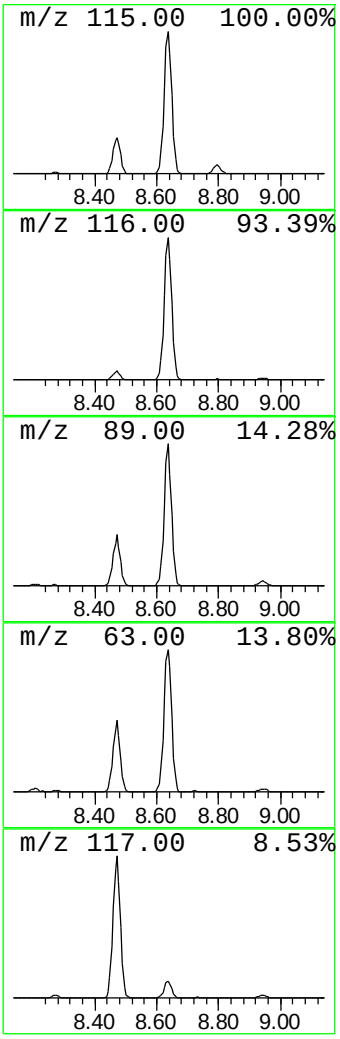
****

Peak Number 8 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	159.31 ng/ul	1000870	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Indene	116	C9H8	000095-13-6	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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

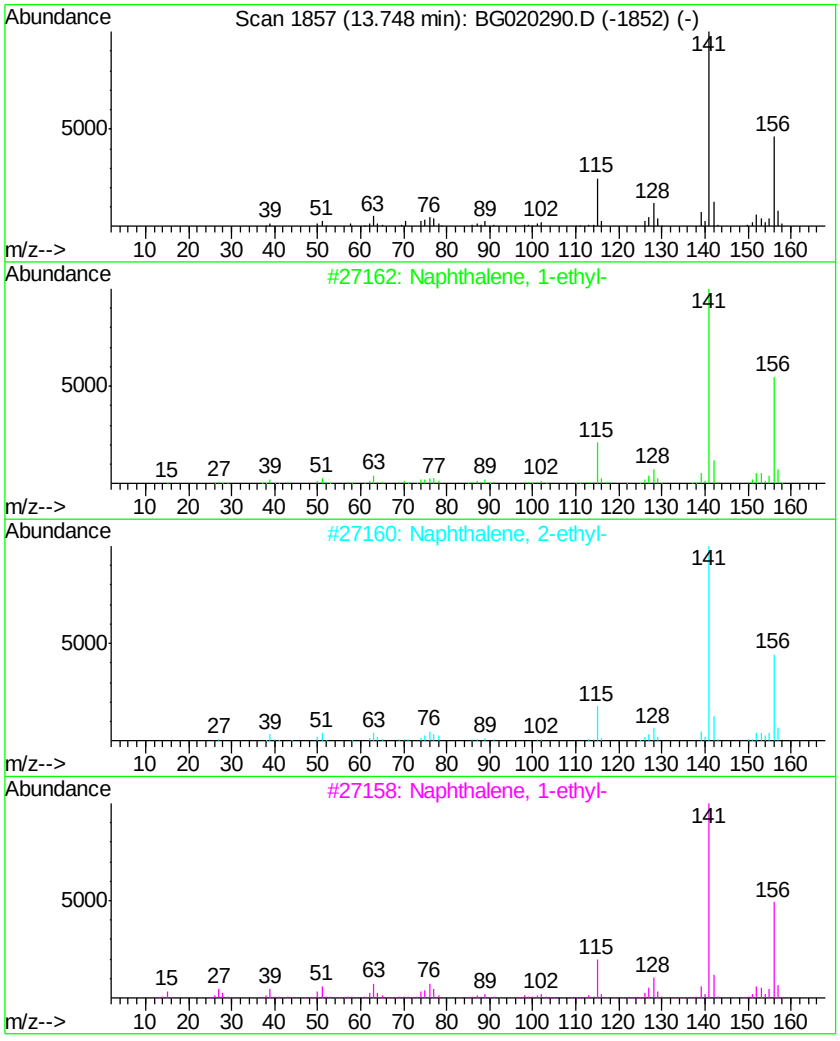
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

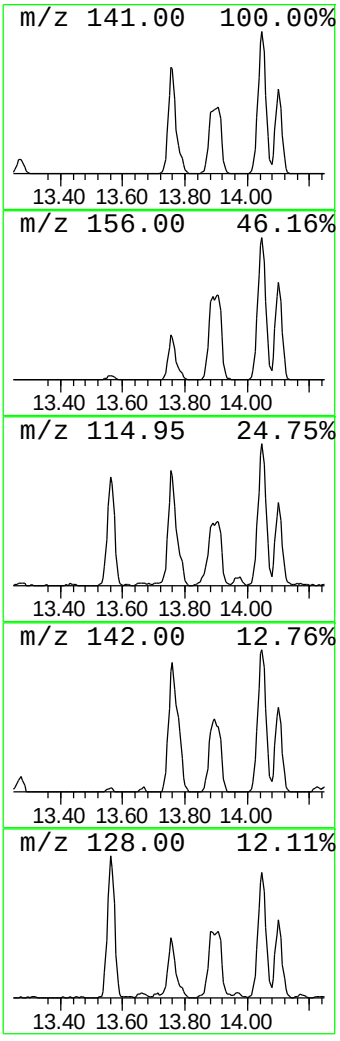
****

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	36.81 ng/ul	412113	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	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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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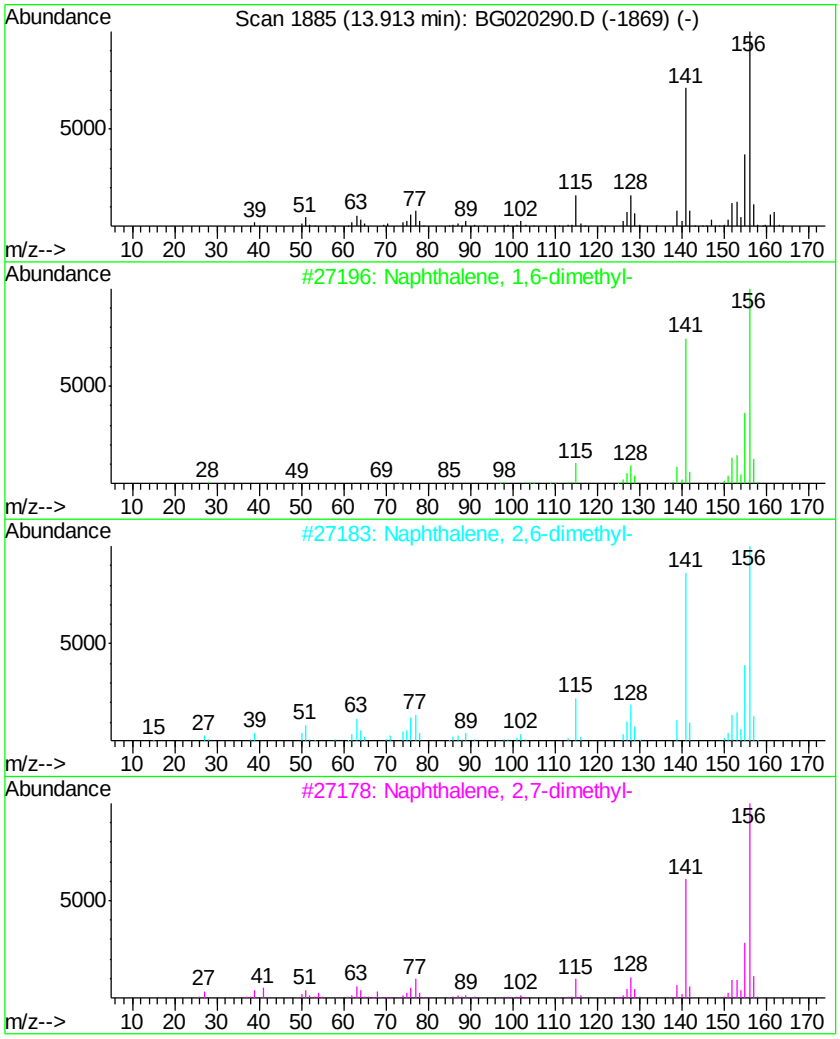
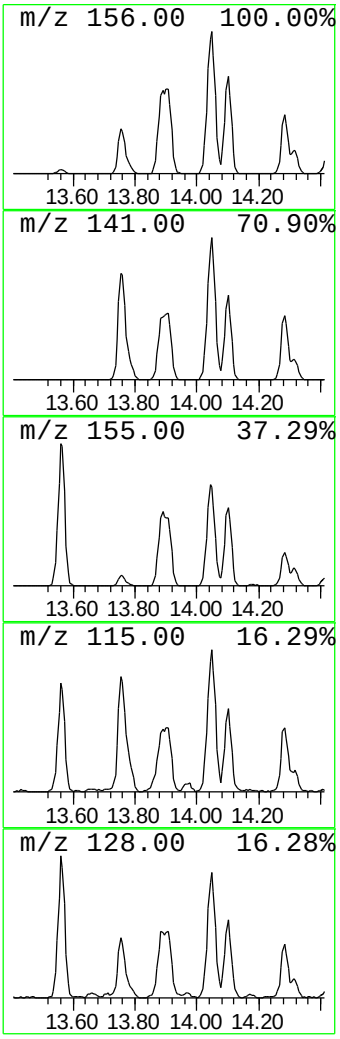
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	60.73 ng/ul	679827	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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Quant Title : SVOA CALIBRATION

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

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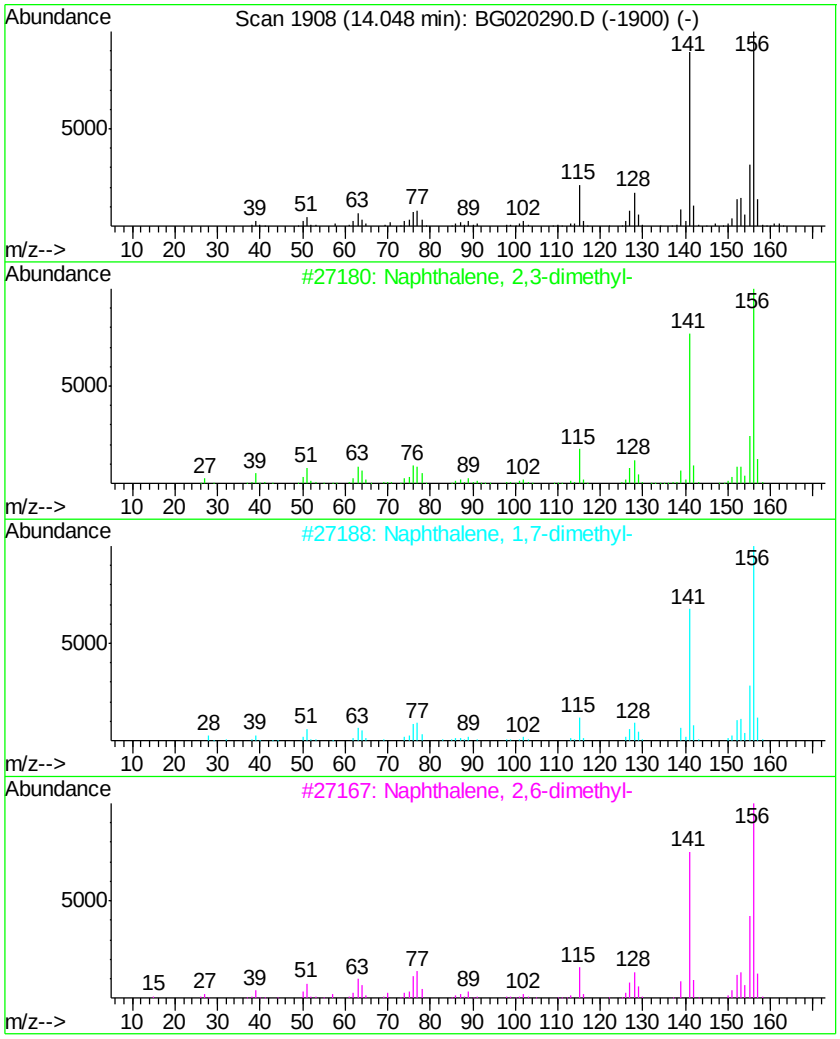
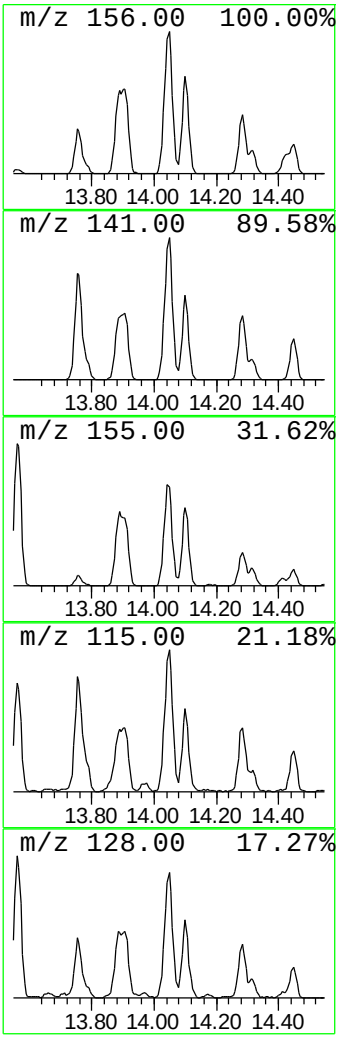
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	69.56 ng/ul	778731	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, 1,7-dimethyl-	156	C12H12	000575-37-1	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, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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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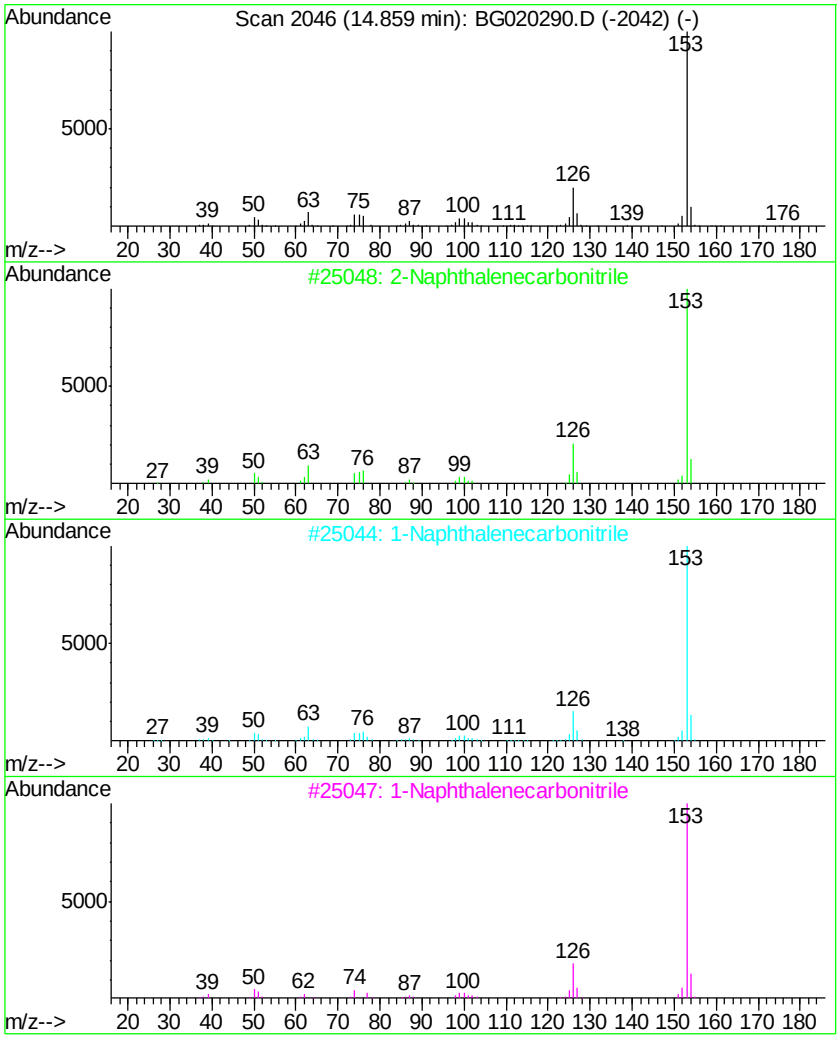
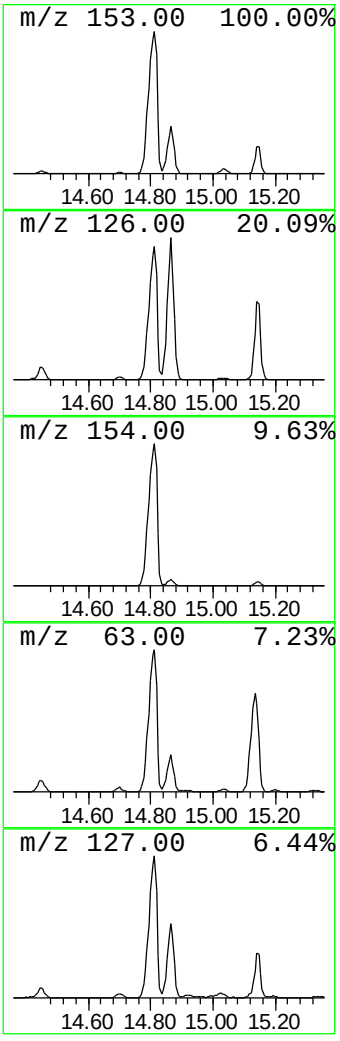
Peak Number 13 2-Naphthalenecarbonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	88.64 ng/ul	992315	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90





Library Search Compound Report

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Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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Quant Title : SVOA CALIBRATION

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

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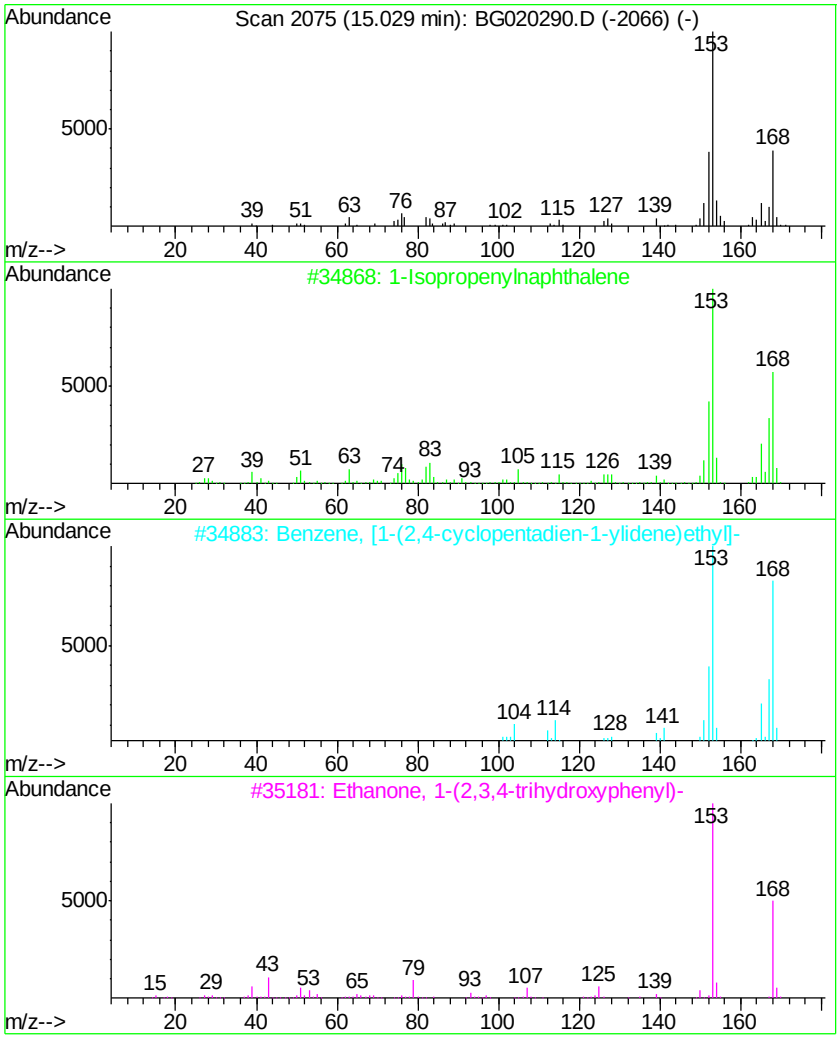
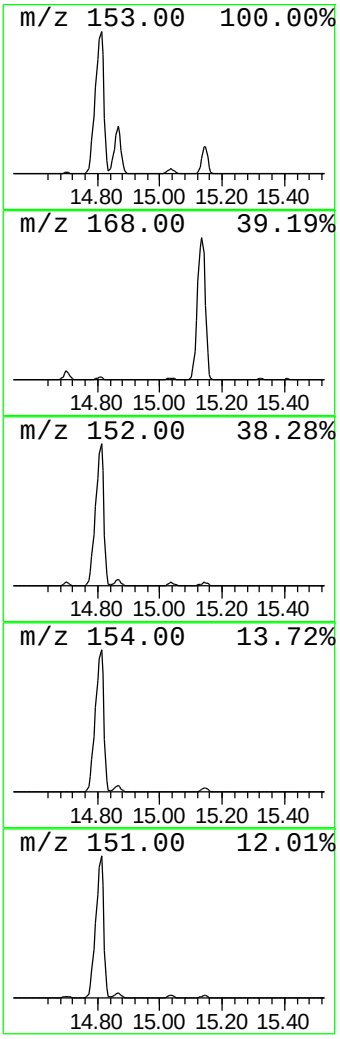
Peak Number 14 1-Isopropenylnaphthalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	15.71 ng/ul	175917	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	56
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	46
5	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	43





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Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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Quant Title : SVOA CALIBRATION

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

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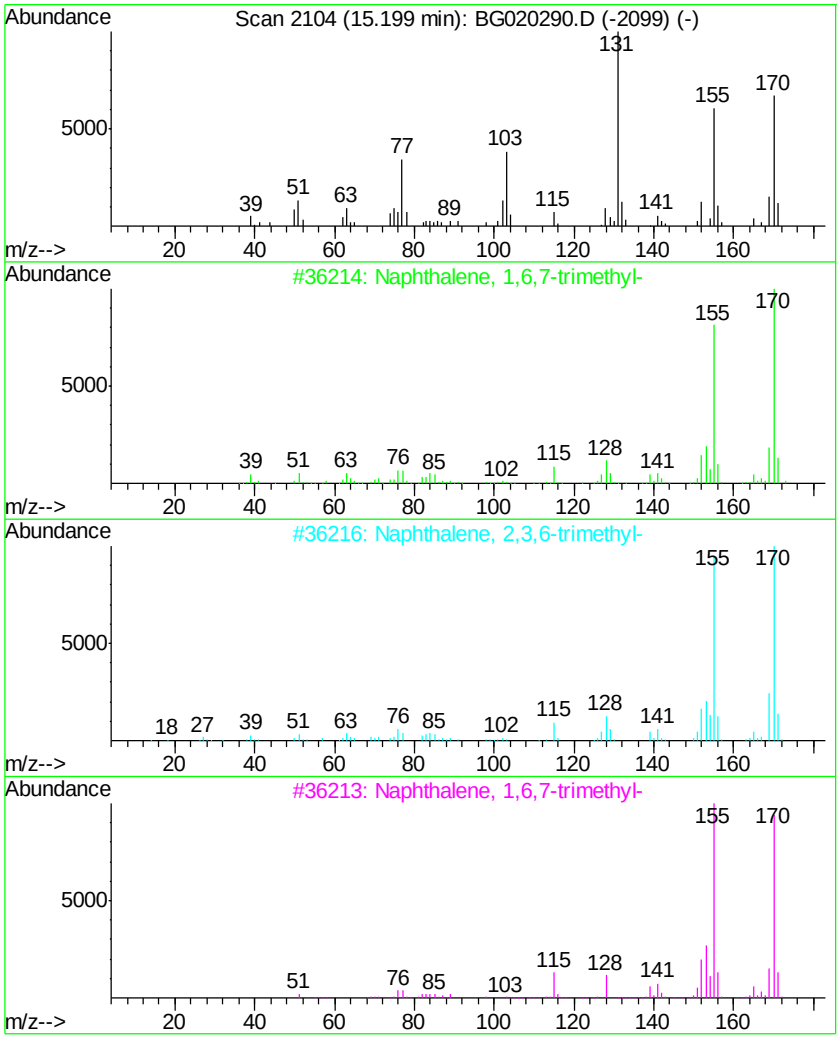
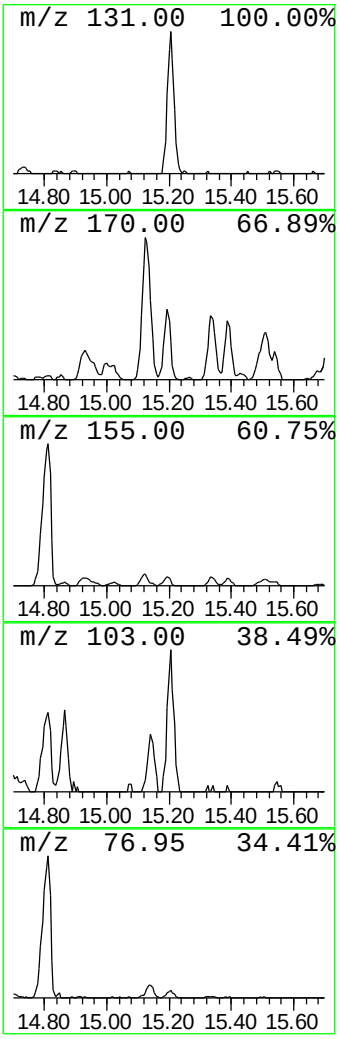
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	8.84 ng/ul	98967	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50





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Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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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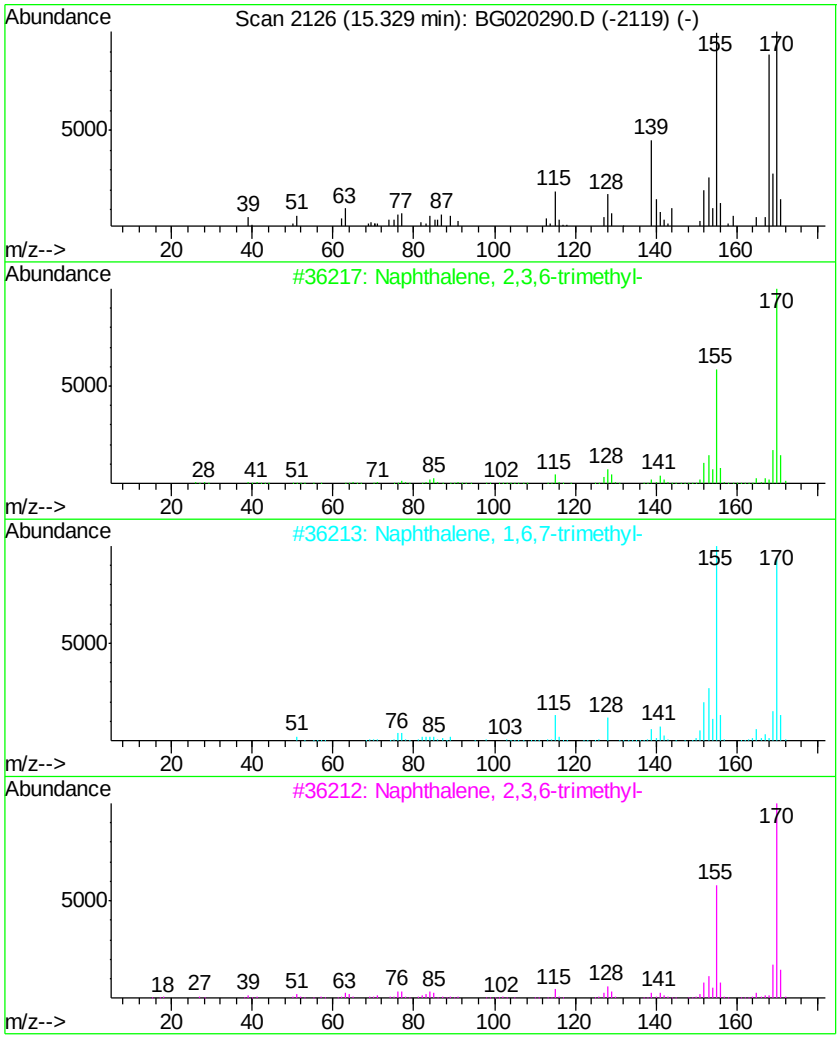
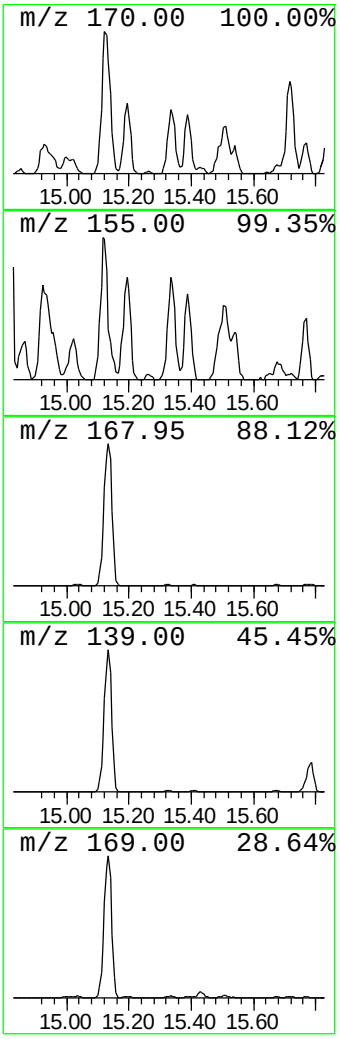
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	7.76 ng/ul	86922	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Instrument : BNA_G
ClientSampleId : D9N35

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Quant Title : SVOA CALIBRATION

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

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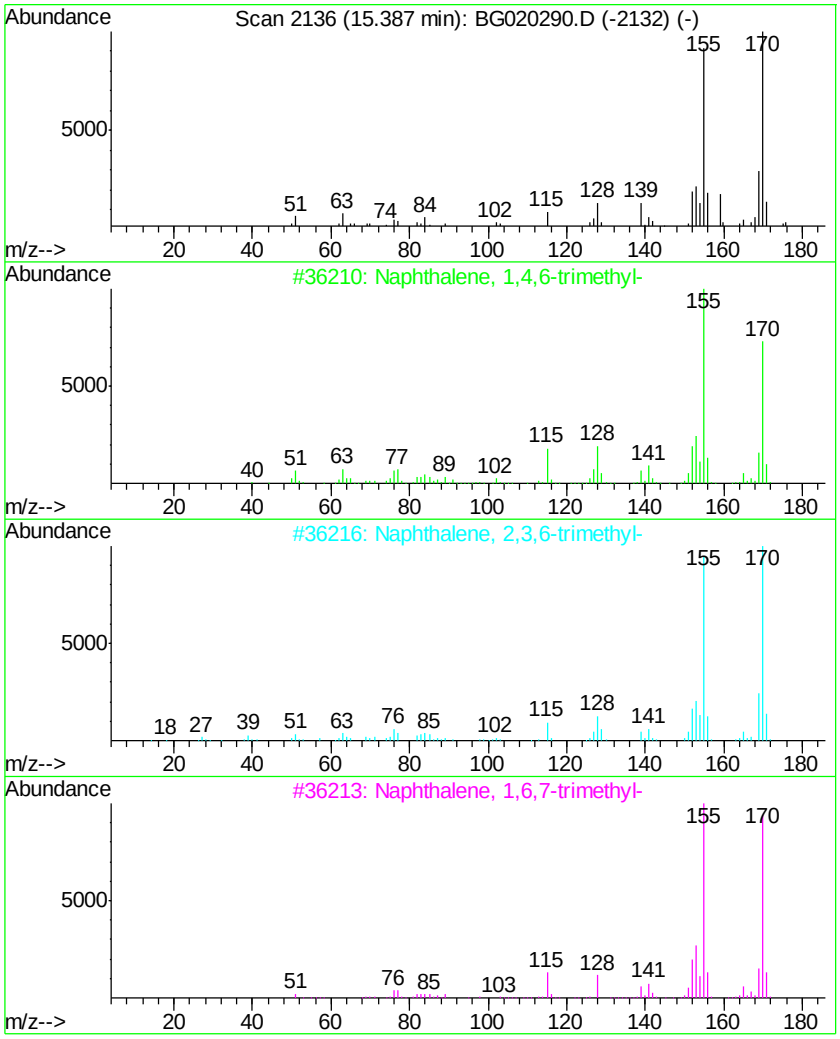
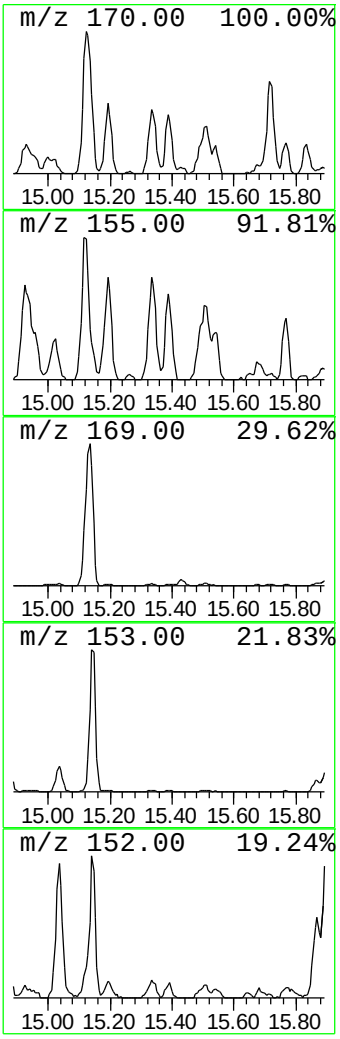
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	7.60 ng/ul	85093	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76





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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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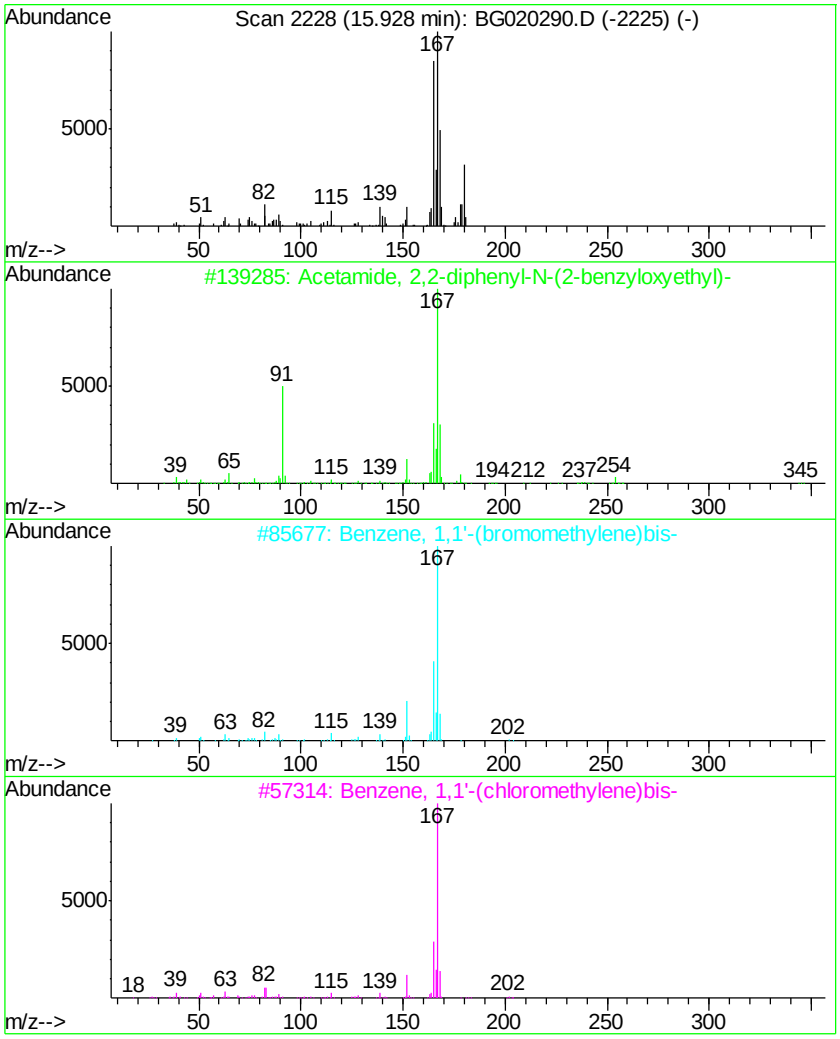
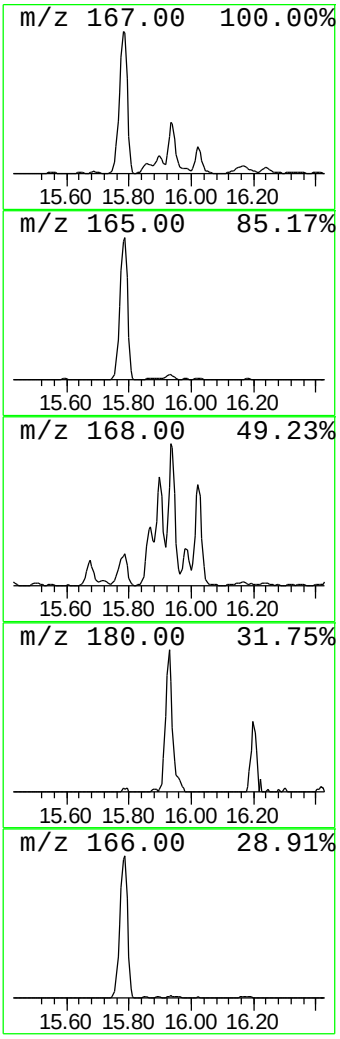
Peak Number 19 Acetamide, 2,2-diphenyl-N-(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	34.16 ng/ul	382460	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2,2-diphenyl-N-(2-ben...	345	C23H23NO2	329919-60-0	50
2	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	47
3	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	43
4	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	43
5	Nordiphenamid	225	C15H15NO	000954-21-2	43





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ClientSampleId : D9N35

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Quant Title : SVOA CALIBRATION

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

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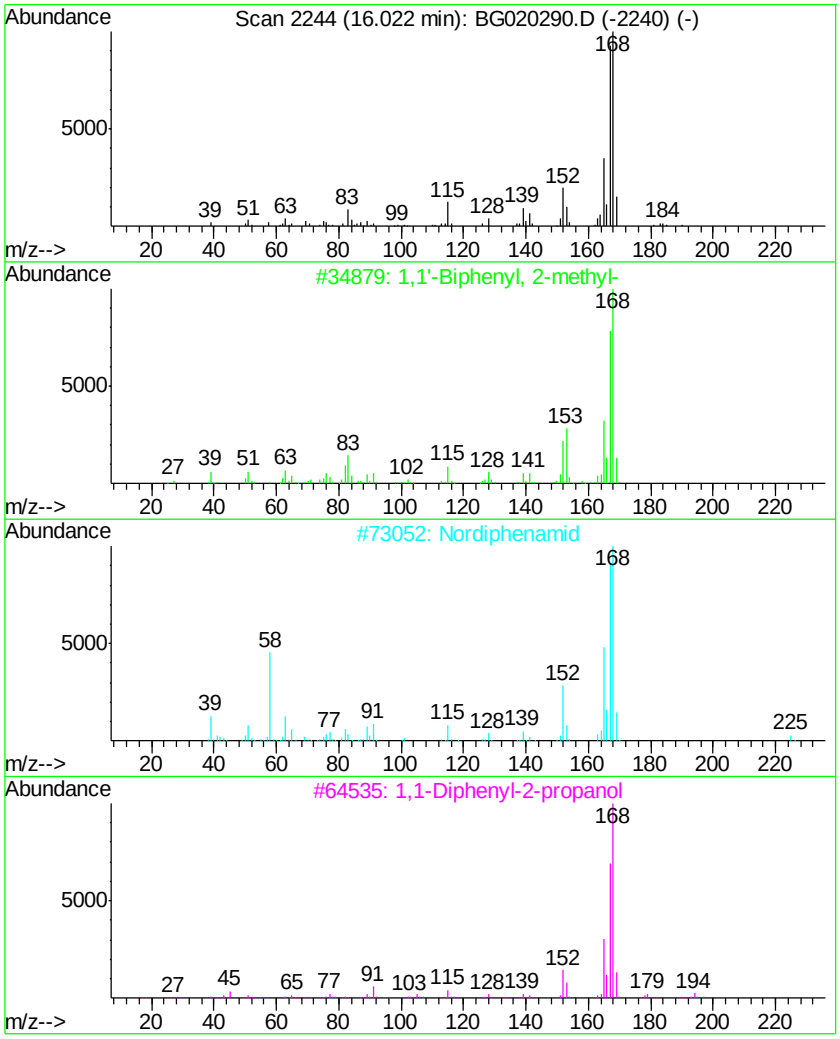
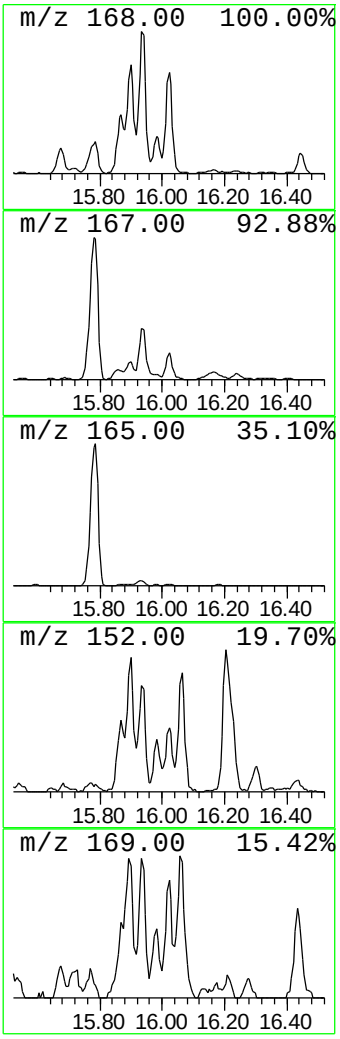
Peak Number 21 1,1'-Biphenyl, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	16.05 ng/ul	179679	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91
2	Nordiphenamid	225	C15H15NO	000954-21-2	90
3	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	83
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	74





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Quant Title : SVOA CALIBRATION

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

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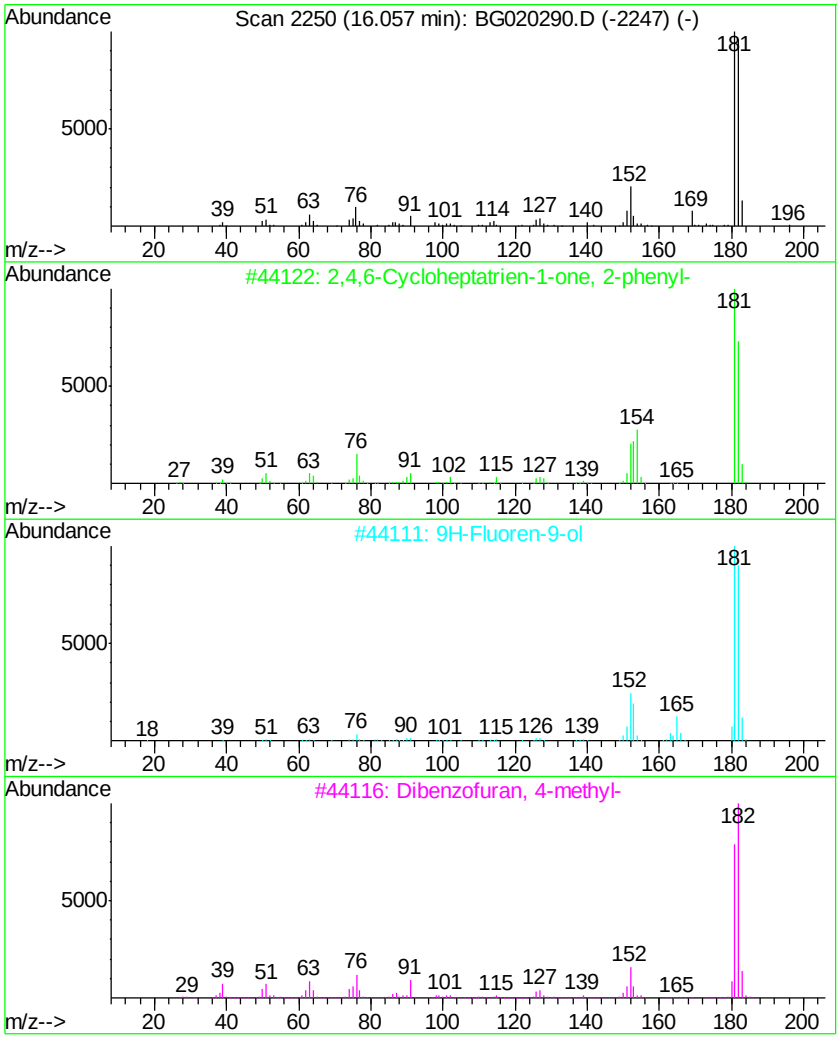
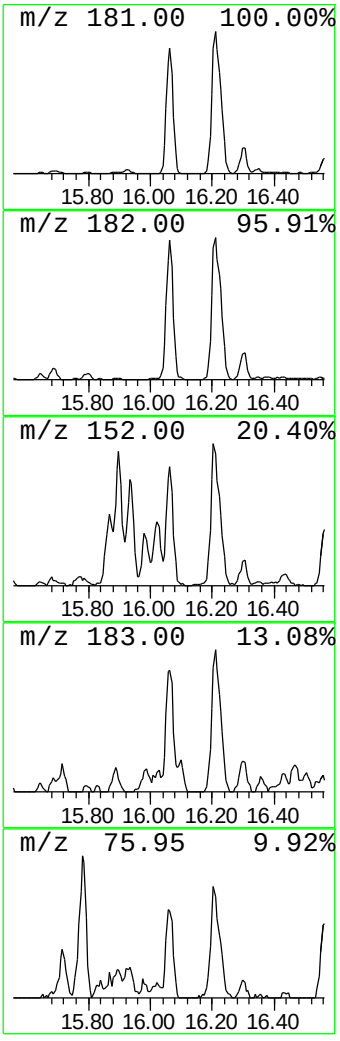
Peak Number 22 2,4,6-Cycloheptatrien-1-one... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	26.01 ng/ul	291234	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





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Quant Title : SVOA CALIBRATION

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

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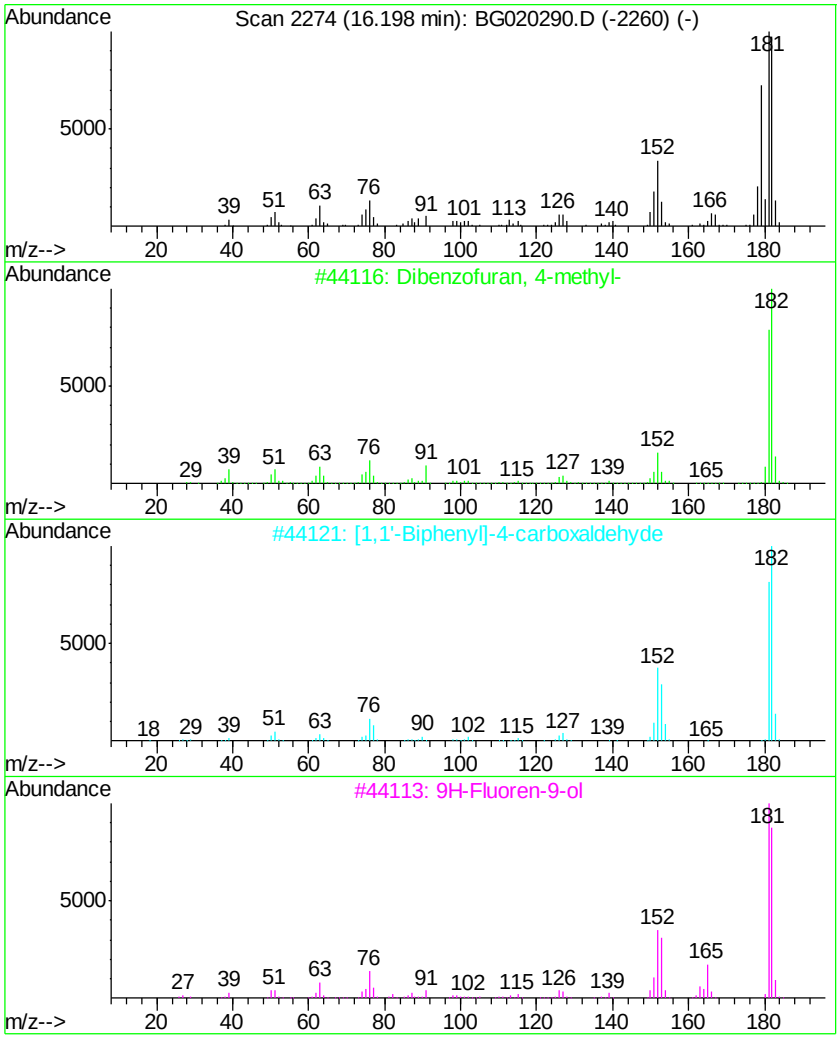
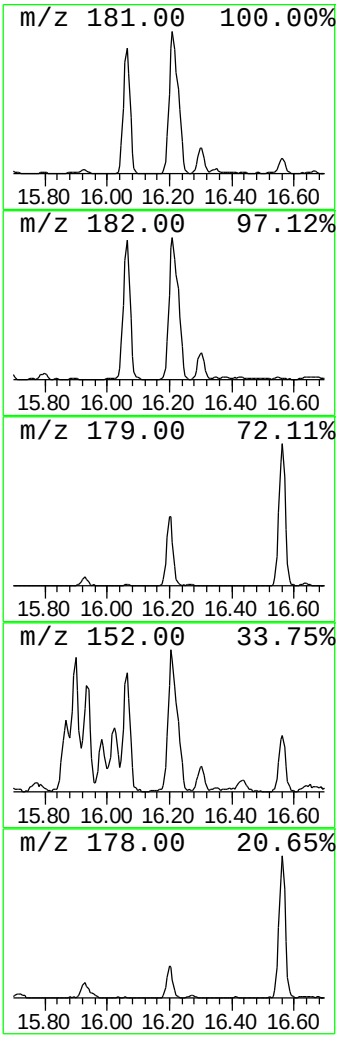
Peak Number 23 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	24.69 ng/ul	576425	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	70
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	68
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





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Quant Title : SVOA CALIBRATION

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

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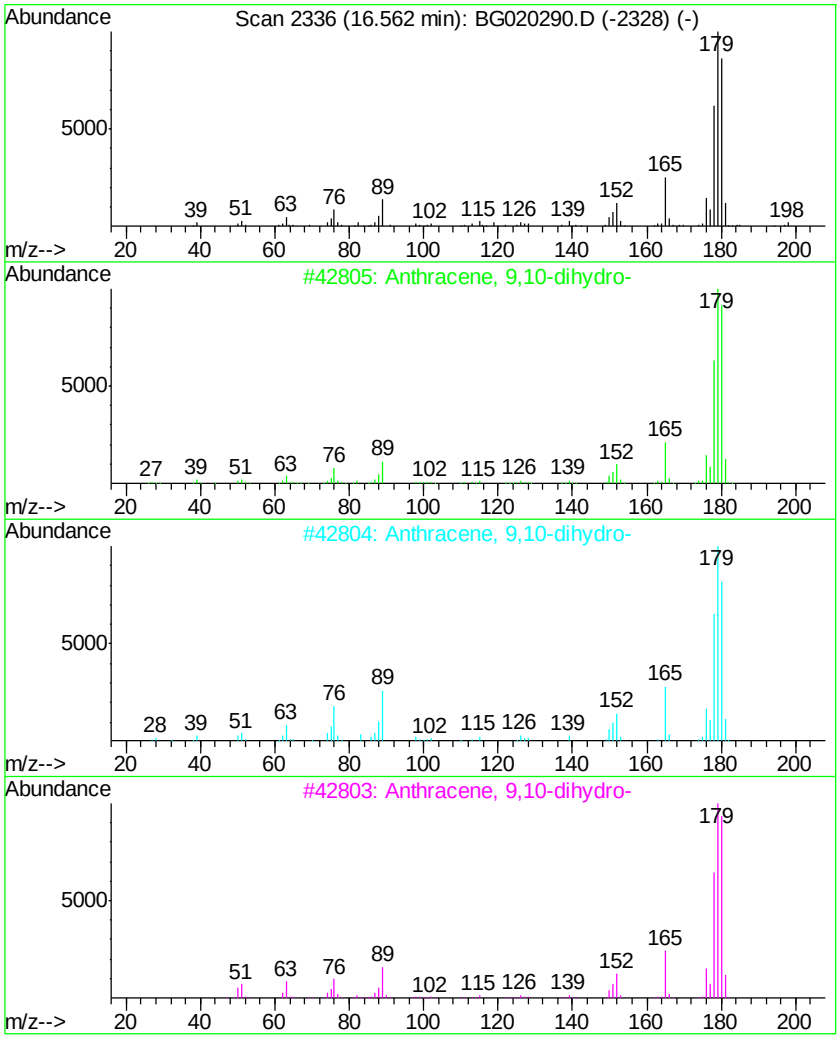
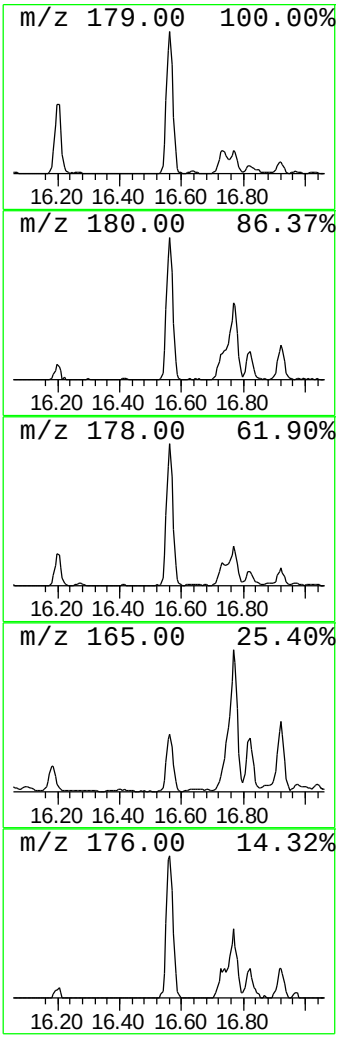
Peak Number 24 Anthracene, 9,10-dihydro- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	12.89 ng/ul	301014	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	90





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Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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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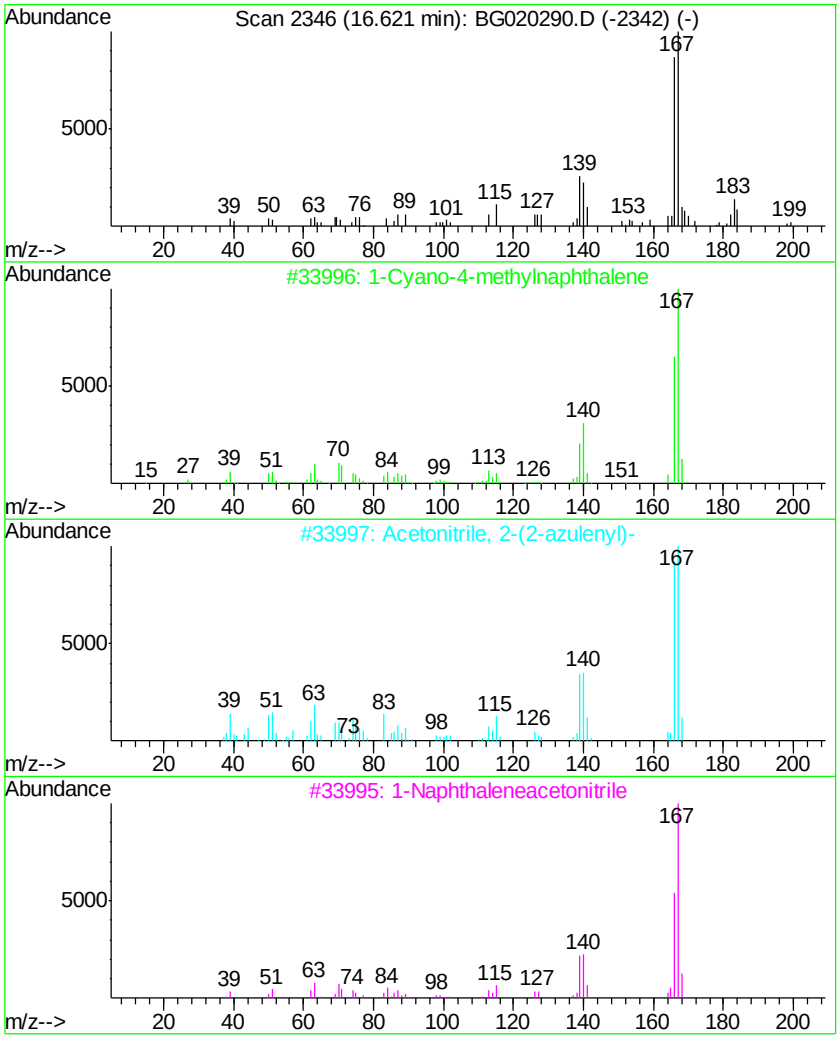
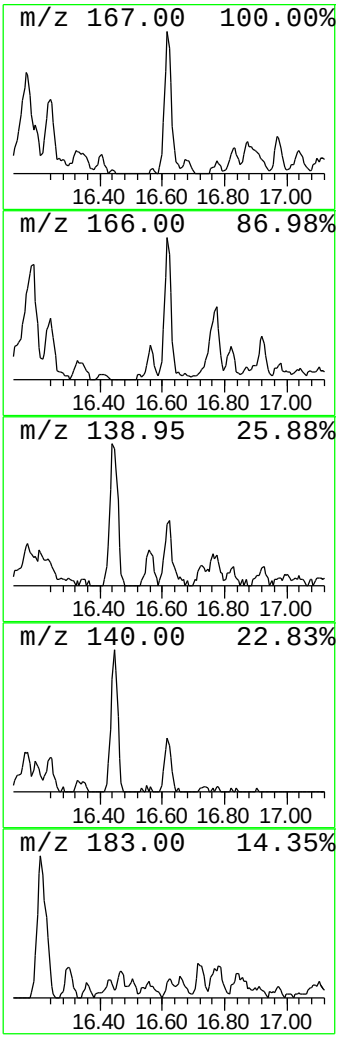
Peak Number 25 1-Cyano-4-methylnaphthalene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	3.48 ng/ul	81281	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyano-4-methylnaphthalene	167	C12H9N	036062-93-8	87
2	Acetonitrile, 2-(2-azulenyl)-	167	C12H9N	054798-12-8	72
3	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	70
4	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	70
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	60





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Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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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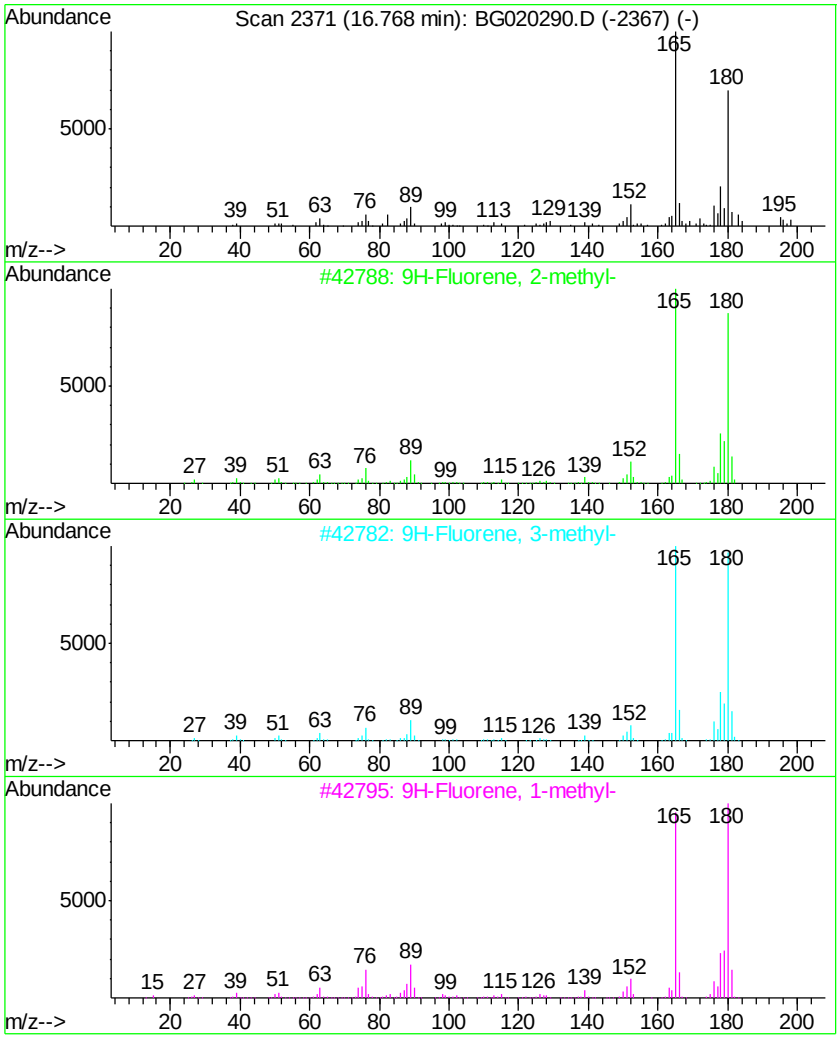
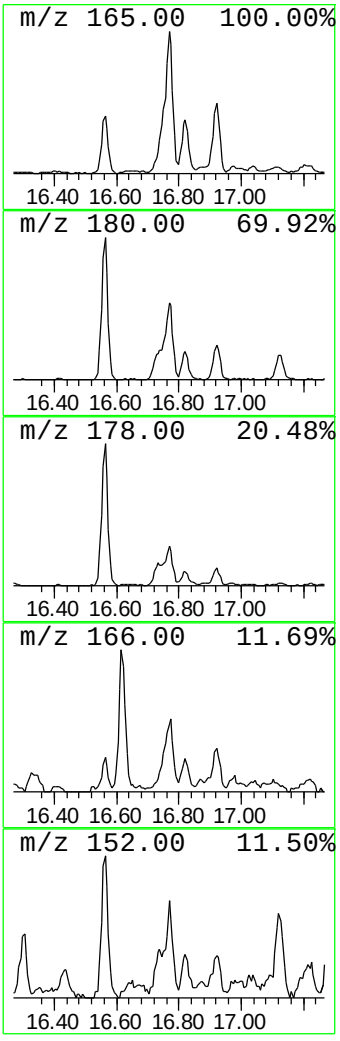
Peak Number 26 9H-Fluorene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	8.50 ng/ul	198554	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	62
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	62





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Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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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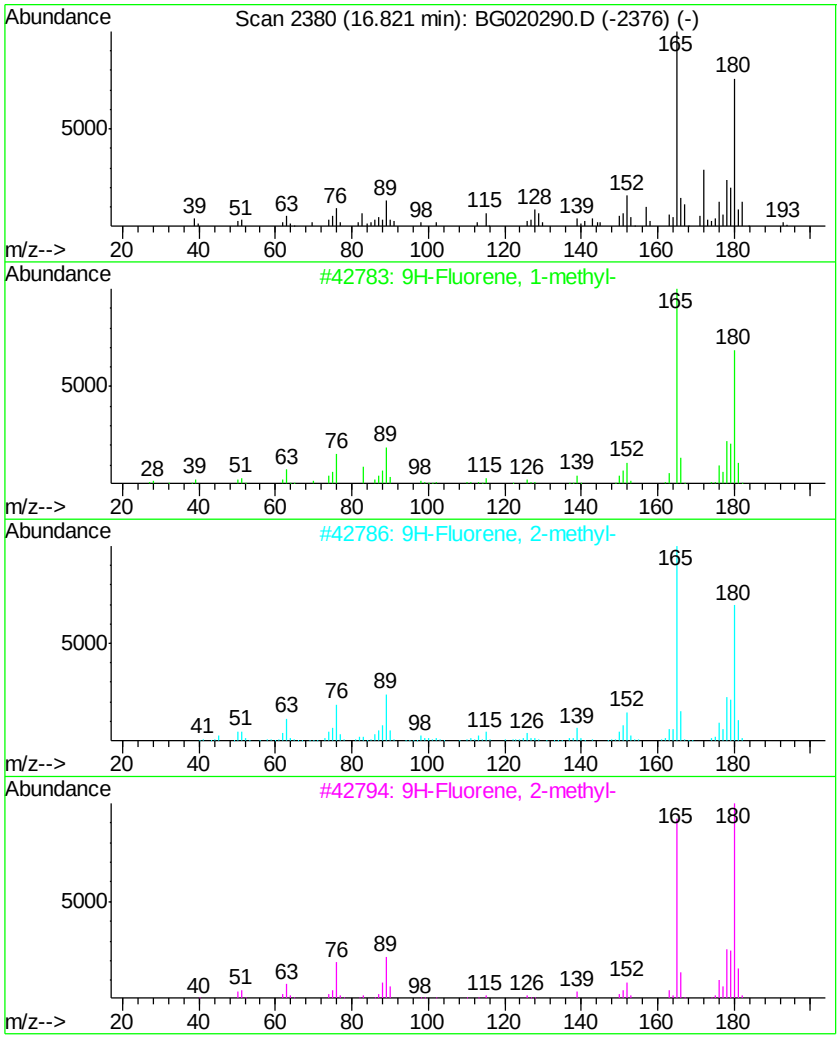
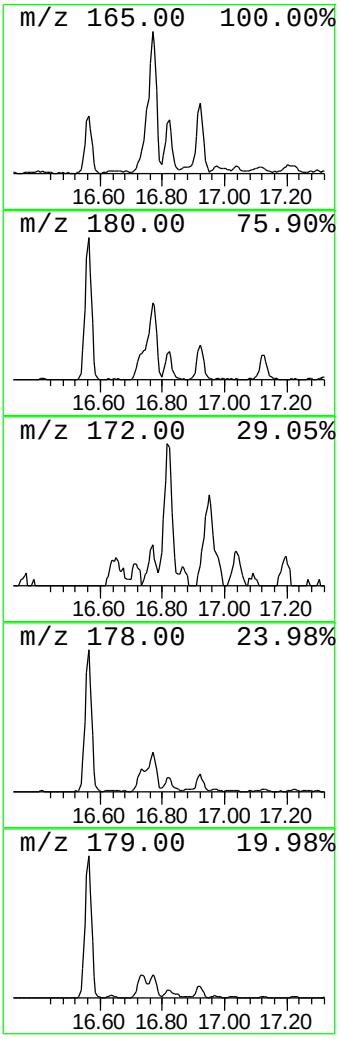
Peak Number 27 9H-Fluorene, 1-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	3.61 ng/ul	84335	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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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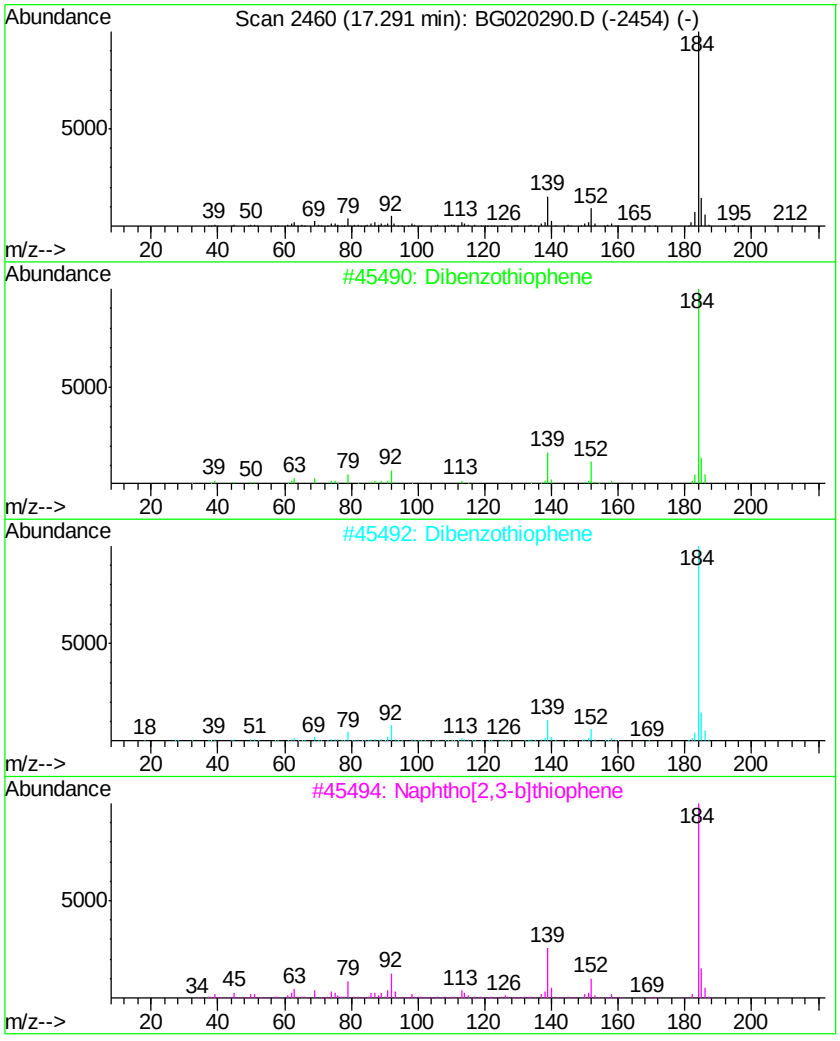
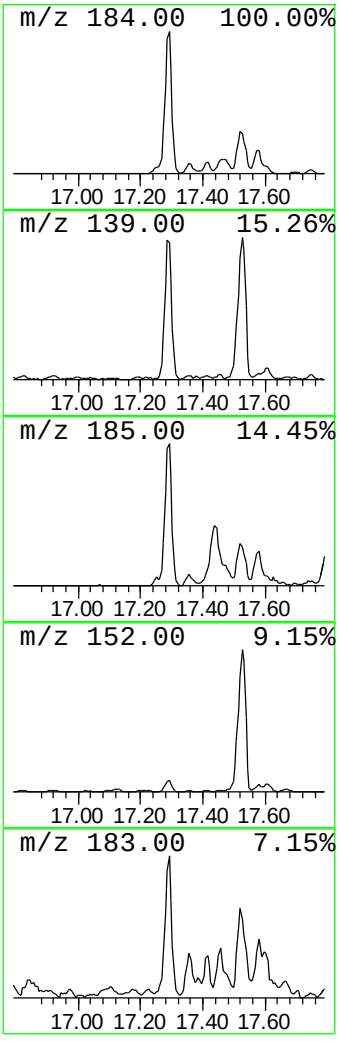
Peak Number 29 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	20.12 ng/ul	469865	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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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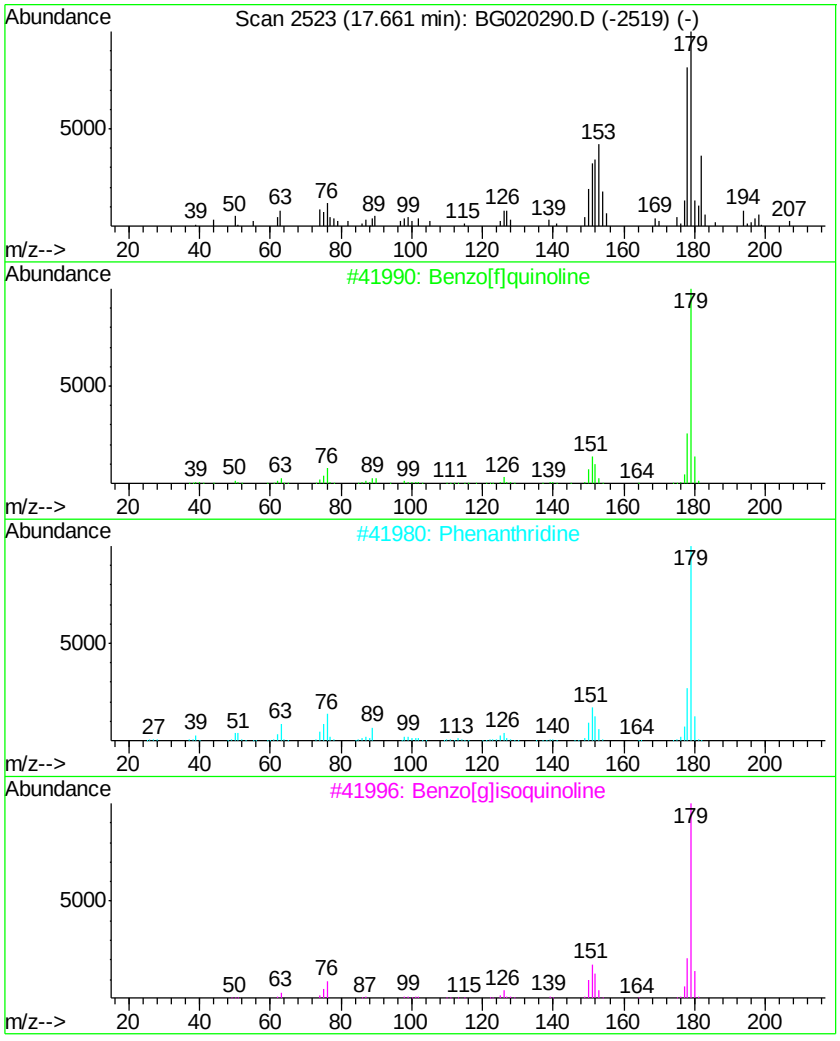
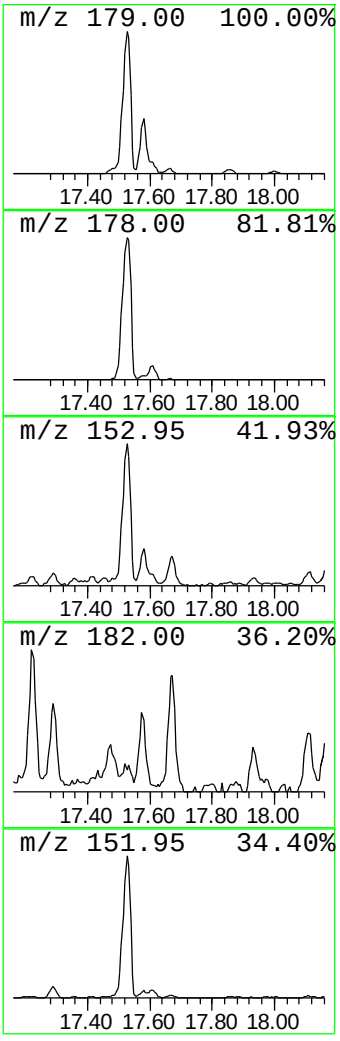
Peak Number 30 Benzo[f]quinoline Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	4.12 ng/ul	96127	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[f]quinoline	179	C13H9N	000085-02-9	55
2	Phenanthridine	179	C13H9N	000229-87-8	55
3	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	50
4	Phenanthridine	179	C13H9N	000229-87-8	50
5	Anthracene	178	C14H10	000120-12-7	50





Library Search Compound Report

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Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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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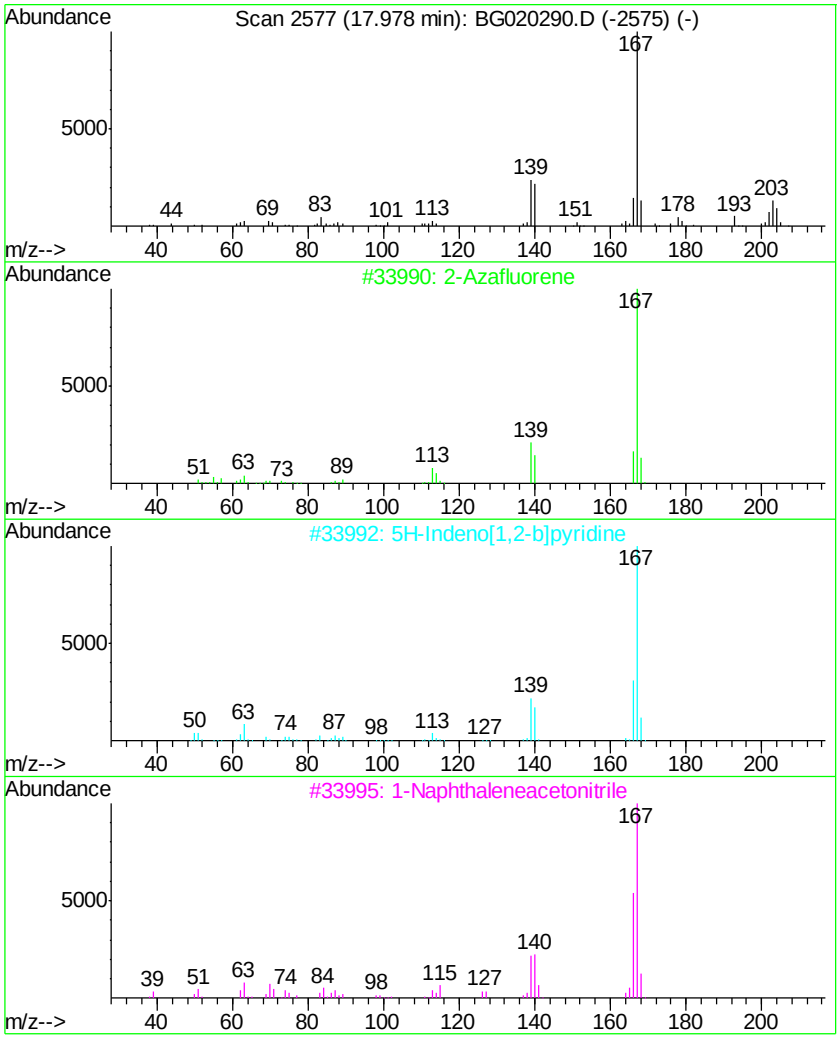
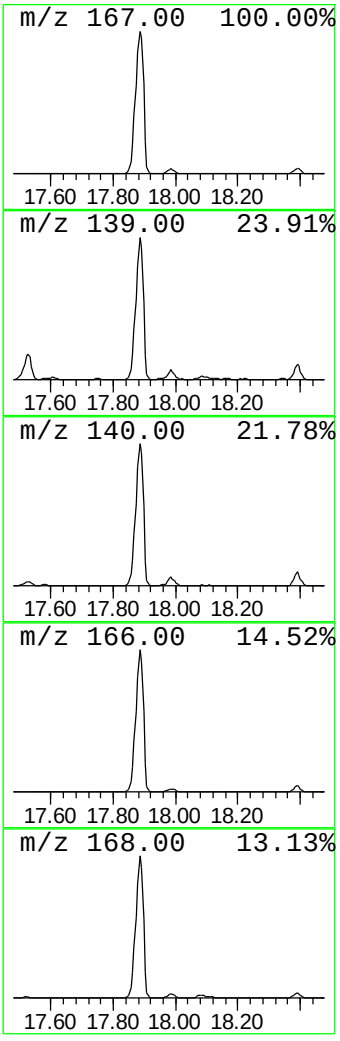
Peak Number 31 2-Azafluorene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.99 ng/ul	116551	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azafluorene	167	C12H9N	000244-40-6	59
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	58
3	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	53
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	53
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020290.D
Acq On : 19 Dec 2015 00:46
Operator : UM/SJ
Sample : G4768-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N35

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
Benzene, 1,3-dime...	6.09	15.4	ng/ul	96940	1	8.09	125653	20.0
Benzene, 1-ethyl-...	7.17	12.4	ng/ul	77931	1	8.09	125653	20.0
Indane	8.47	120.3	ng/ul	756060	1	8.09	125653	20.0
Indene	8.64	159.3	ng/ul	1000870	1	8.09	125653	20.0
Naphthalene, 1-et...	13.75	36.8	ng/ul	412113	3	14.73	223899	20.0
Naphthalene, 1,6-...	13.91	60.7	ng/ul	679827	3	14.73	223899	20.0
Naphthalene, 2,3-...	14.05	69.6	ng/ul	778731	3	14.73	223899	20.0
2-Naphthalenecarb...	14.86	88.6	ng/ul	992315	3	14.73	223899	20.0
1-Isopropenylnaph...	15.03	15.7	ng/ul	175917	3	14.73	223899	20.0
Naphthalene, 1,6,...	15.20	8.8	ng/ul	98967	3	14.73	223899	20.0
Naphthalene, 2,3,...	15.33	7.8	ng/ul	86922	3	14.73	223899	20.0
Naphthalene, 1,4,...	15.39	7.6	ng/ul	85093	3	14.73	223899	20.0
Acetamide, 2,2-di...	15.93	34.2	ng/ul	382460	3	14.73	223899	20.0
1,1'-Biphenyl, 2-...	16.02	16.1	ng/ul	179679	3	14.73	223899	20.0
2,4,6-Cycloheptat...	16.06	26.0	ng/ul	291234	3	14.73	223899	20.0
Dibenzofuran, 4-m...	16.20	24.7	ng/ul	576425	4	17.47	466959	20.0
Anthracene, 9,10-...	16.56	12.9	ng/ul	301014	4	17.47	466959	20.0
1-Cyano-4-methyln...	16.62	3.5	ng/ul	81281	4	17.47	466959	20.0
9H-Fluorene, 2-me...	16.77	8.5	ng/ul	198554	4	17.47	466959	20.0
9H-Fluorene, 1-me...	16.82	3.6	ng/ul	84335	4	17.47	466959	20.0
Dibenzothiophene	17.29	20.1	ng/ul	469865	4	17.47	466959	20.0
Benzo[f]quinoline	17.66	4.1	ng/ul	96127	4	17.47	466959	20.0
2-Azafluorene	17.98	5.0	ng/ul	116551	4	17.47	466959	20.0