LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020299.D
Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	40	47	56	rBV	48214	102454	0.71%	0.160%
2	7.412	772	778	785	rBV	71509	113933	0.79%	0.178%
3	7.618	808	813	822	rVB	79412	132218	0.91%	0.206%
4	7.735	828	833	840	rVB3	33423	54991	0.38%	0.086%
5	7.812	840	846	853	rVB	52923	91447	0.63%	0.143%
6	8.094	888	894	900	rBV	69386	115284	0.80%	0.180%
7	8.470	950	958	964	rBV	69358	116792	0.81%	0.182%
8	8.634	978	986	994	rVB	732095	1263646	8.72%	1.972%
9	8.793	1006	1013	1019	rBV	69673	120649	0.83%	0.188%
10	8.940	1030	1038	1045	rVB2	34802	62588	0.43%	0.098%
11	9.257	1086	1092	1099	rVV	90302	171151	1.18%	0.267%
12	9.580	1132	1147	1153	rBV2	54952	137374	0.95%	0.214%
13	9.986	1209	1216	1223	rBV	81433	141089	0.97%	0.220%
14	10.326	1261	1274	1280	rBV5	48669	156179	1.08%	0.244%
15	10.403	1280	1287	1291	rBV5	35544	77470	0.53%	0.121%
16	10.532	1300	1309	1317	rBV2	139864	272592	1.88%	0.425%
17	11.008	1368	1390	1395	rVV	5043328	14496208	100.00%	22.620%
18	11.096	1398	1405	1412	rVB	430817	735194	5.07%	1.147%
19	11.725	1507	1512	1523	rVB3	43154	76935	0.53%	0.120%
20	12.453	1632	1636	1645	rVB	58917	100622	0.69%	0.157%
21	12.571	1645	1656	1662	rBV	2164637	3720316	25.66%	5.805%
22	12.677	1667	1674	1680	rVV	76366	142730	0.98%	0.223%
23	12.788	1680	1693	1701	rVV	1287683	2255710	15.56%	3.520%
24	13.194	1756	1762	1771	rVV4	39656	90231	0.62%	0.141%
25	13.558	1812	1824	1833	rBV	647168	1054381	7.27%	1.645%
26	13.758	1852	1858	1868	rVB2	115706	246970	1.70%	0.385%
27	13.887	1868	1880	1881	rBV2	132245	219658	1.52%	0.343%
28	14.046	1900	1907	1912	rVV	229465	425597	2.94%	0.664%
29	14.098	1912	1916	1918	rVV	146144	230836	1.59%	0.360%
30	14.128	1918	1921	1926	rVV	250017	346878	2.39%	0.541%
31	14.281	1941	1947	1951	rBV	92977	157846	1.09%	0.246%
32	14.422	1963	1971	1973	rBV	277927	470734	3.25%	0.735%
33	14.445	1973	1975	1984	rVB	320949	462627	3.19%	0.722%
34	14.698	2007	2018	2020	rBV	121093	197576	1.36%	0.308%

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Data File : BG020299.D
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Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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	14.727	2020	2023	2028	rVB2	150055	224467	1.55%	0.350%
36	14.803	2028	2036	2041	rBV	3113609	5272836	36.37%	8.228%
37	14.862	2041	2046	2051	rVB	656859	997807	6.88%	1.557%
38	14.909	2051	2054	2063	rVB3	51871	91488	0.63%	0.143%
39	14.997	2063	2069	2073	rBV2	161690	274801	1.90%	0.429%
40	15.133	2084	2092	2099	rVV2	1916704	3293643	22.72%	5.139%
41	15.203	2099	2104	2112	rVB2	62150	113320	0.78%	0.177%
42	15.332	2119	2126	2132	rBV5	27530	58030	0.40%	0.091%
43	15.714	2186	2191	2196	rVV	352406	570805	3.94%	0.891%
44	15.779	2196	2202	2207	rVV	1958055	3182419	21.95%	4.966%
45	15.832	2207	2211	2214	rVV	105412	174052	1.20%	0.272%
46	15.896	2217	2222	2225	rVV3	156225	302032	2.08%	0.471%
47	15.932	2225	2228	2232	rVV3	143906	239347	1.65%	0.373%
48	15.984	2232	2237	2240	rVV5	101609	210843	1.45%	0.329%
49	16.014	2240	2242	2246	rVV	80248	125085	0.86%	0.195%
50	16.061	2246	2250	2258	rVV	140399	217032	1.50%	0.339%
51	16.202	2266	2274	2284	rVV3	171681	442607	3.05%	0.691%
52	16.437	2303	2314	2321	rVB4	36778	75435	0.52%	0.118%
53	16.560	2327	2335	2339	rBV	110111	177580	1.23%	0.277%
54	16.613	2339	2344	2345	rVV2	54027	89000	0.61%	0.139%
55	16.643	2345	2349	2357	rVV	104897	181924	1.25%	0.284%
56	16.719	2357	2362	2368	rVV	144566	279043	1.92%	0.435%
57	16.766	2368	2370	2375	rVV	78203	116189	0.80%	0.181%
58	16.819	2375	2379	2390	rVV4	46431	111279	0.77%	0.174%
59	16.966	2400	2404	2412	rVB6	30933	61030	0.42%	0.095%
60	17.124	2420	2431	2438	rVB2	84256	187511	1.29%	0.293%
61	17.248	2447	2452	2455	rVV	101182	161546	1.11%	0.252%
62	17.289	2455	2459	2466	rVB	248317	365675	2.52%	0.571%
63	17.412	2477	2480	2483	rVV	48691	62040	0.43%	0.097%
64	17.471	2483	2490	2493	rVV2	216113	430218	2.97%	0.671%
65	17.524	2493	2499	2503	rVV	2691109	4455283	30.73%	6.952%
66	17.571	2503	2507	2511	rVV	480788	772515	5.33%	1.205%
67	17.600	2511	2512	2518	rVB	175018	187738	1.30%	0.293%
68	17.835	2547	2552	2554	rBV	96286	144953	1.00%	0.226%
69	17.882	2554	2560	2566	rVB	1854900	3137600	21.64%	4.896%
70	17.959	2566	2573	2580	rBV2	192097	451511	3.11%	0.705%
71	18.023	2580	2584	2591	rVB	259387	380798	2.63%	0.594%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020299.D
Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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	18.111	2591	2599	2604	rBV4	71983	172704	1.19%	0.269%
73	18.217	2612	2617	2621	rVB4	44650	67389	0.46%	0.105%
74	18.299	2627	2631	2635	rBV	96798	140361	0.97%	0.219%
75	18.341	2635	2638	2641	rVB	50229	56008	0.39%	0.087%
76	18.388	2641	2646	2652	rBV2	426654	651980	4.50%	1.017%
77	18.458	2652	2658	2665	rVB2	154806	277707	1.92%	0.433%
78	18.540	2665	2672	2681	rBV2	206902	393974	2.72%	0.615%
79	18.640	2681	2689	2693	rBV2	146434	335639	2.32%	0.524%
80	18.681	2693	2696	2700	rVV	145039	197456	1.36%	0.308%
81	18.775	2706	2712	2717	rBV2	189631	280155	1.93%	0.437%
82	18.828	2717	2721	2725	rVB2	91206	133864	0.92%	0.209%
83	18.881	2725	2730	2734	rBV	122367	175376	1.21%	0.274%
84	19.040	2748	2757	2761	rBV2	40778	84851	0.59%	0.132%
85	19.140	2770	2774	2780	rVV4	47115	91309	0.63%	0.142%
86	19.351	2800	2810	2814	rBV4	44621	110840	0.76%	0.173%
87	19.516	2831	2838	2844	rVV	468110	663066	4.57%	1.035%
88	19.709	2865	2871	2876	rBV6	46958	88153	0.61%	0.138%
89	19.851	2888	2895	2898	rVV	547576	890877	6.15%	1.390%
90	19.880	2898	2900	2907	rVB	319018	377488	2.60%	0.589%
91	20.250	2958	2963	2968	rVV	222164	309064	2.13%	0.482%
92	20.315	2968	2974	2980	rVV	175627	269212	1.86%	0.420%
93	20.920	3072	3077	3080	rVV	39857	58824	0.41%	0.092%
94	20.967	3080	3085	3096	rVB4	68954	148878	1.03%	0.232%
95	21.319	3139	3145	3148	rBV2	36432	64615	0.45%	0.101%
96	21.742	3208	3217	3223	rBV2	321158	590764	4.08%	0.922%
97	22.160	3281	3288	3299	rBV	30901	60856	0.42%	0.095%
98	22.371	3317	3324	3334	rBV2	26642	61607	0.42%	0.096%
99	24.792	3723	3736	3747	rBV	256395	717015	4.95%	1.119%
100	25.015	3762	3774	3786	rVB2	156612	434597	3.00%	0.678%

Sum of corrected areas: 64085017

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020299.D
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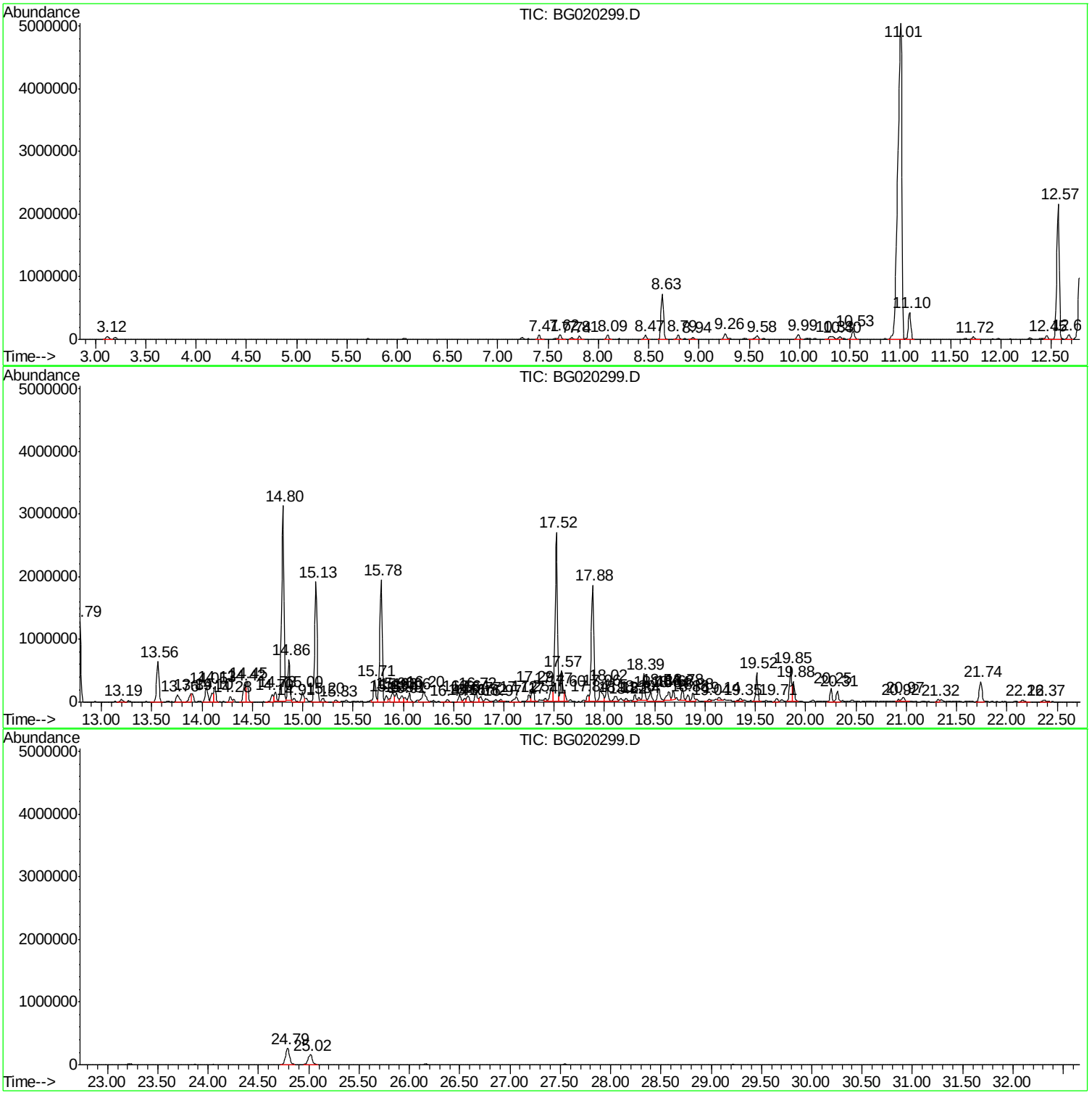
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020299.D
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Operator : UM/SJ
Sample : G4768-19
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

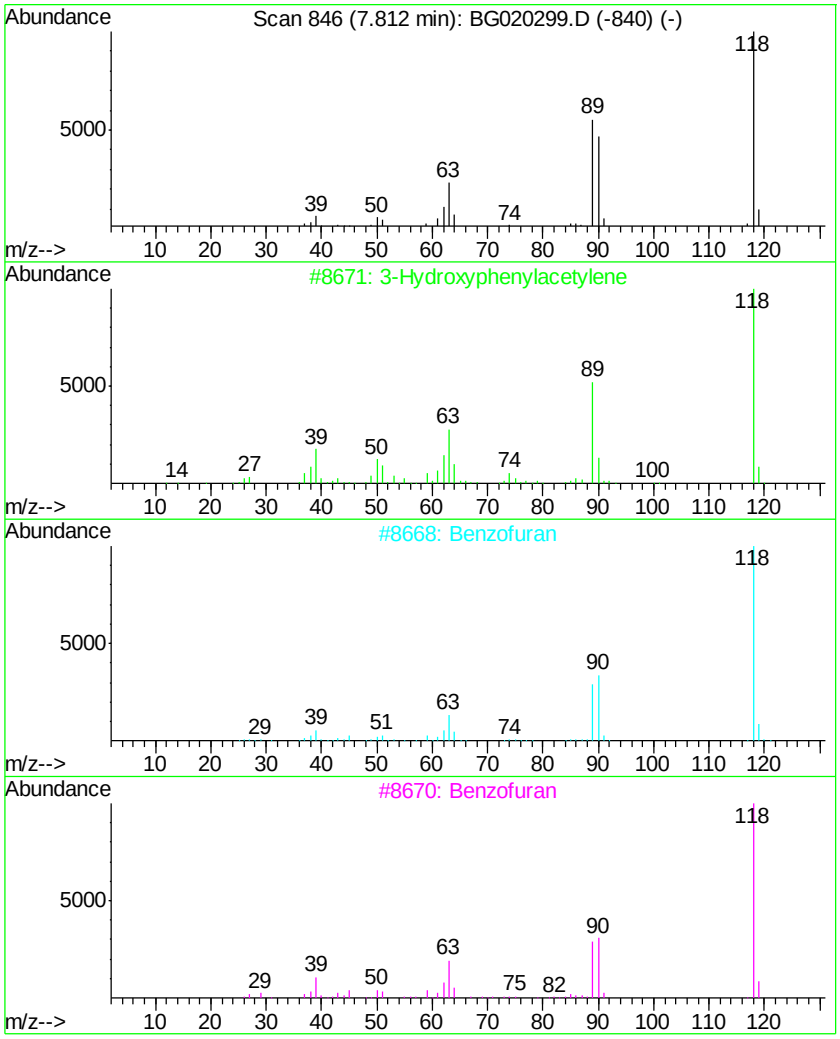
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

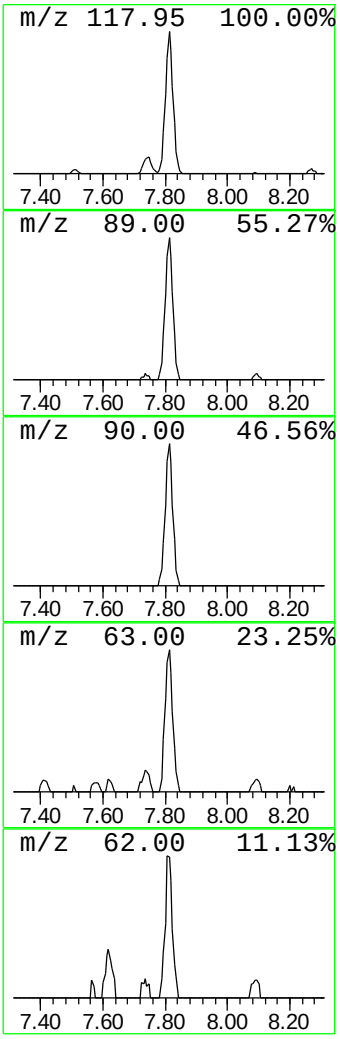
****

Peak Number 3 3-Hydroxyphenylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	15.86 ng/ul	91447	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
2	Benzofuran	118	C8H6O	000271-89-6	83
3	Benzofuran	118	C8H6O	000271-89-6	81
4	1H-Benzimidazole	118	C7H6N2	000051-17-2	50
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020299.D
Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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

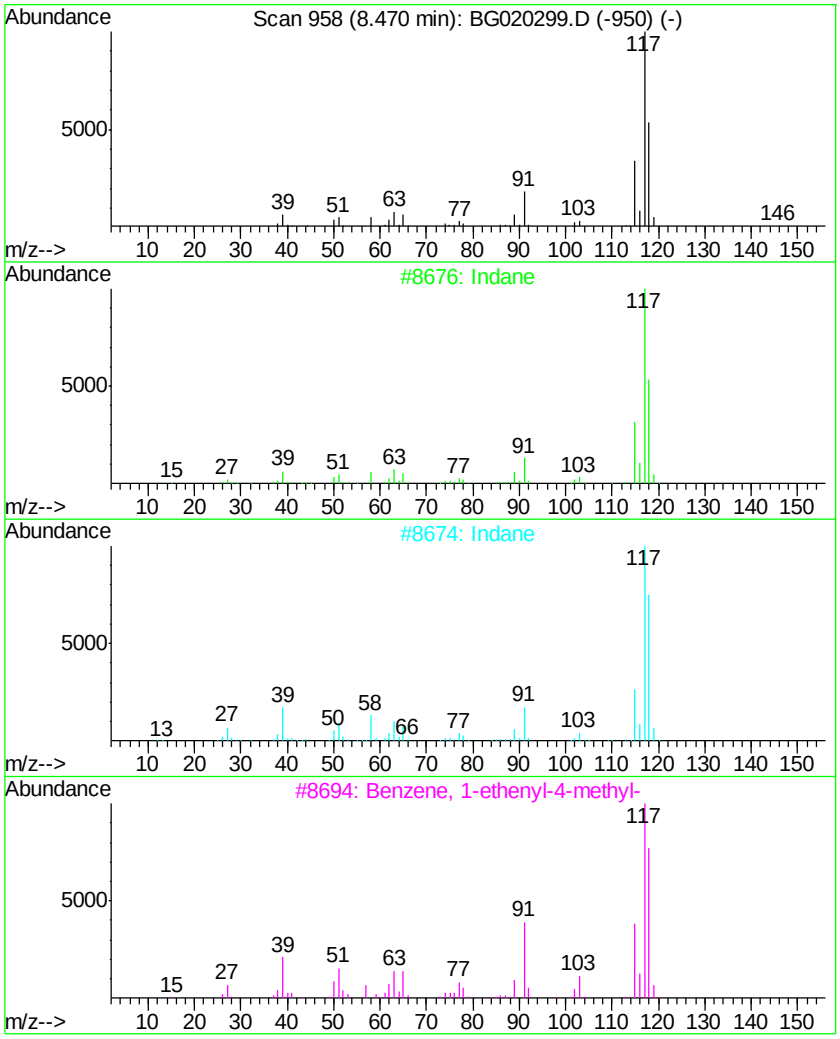
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

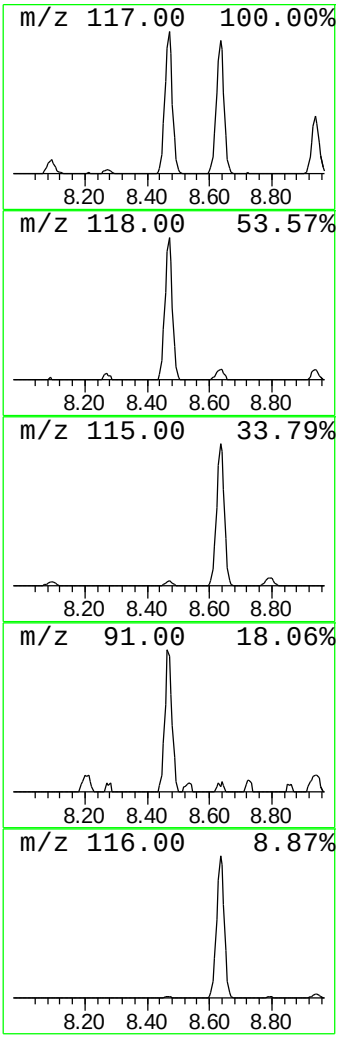
****

Peak Number 4 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	20.26 ng/ul	116792	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	91
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020299.D
Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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

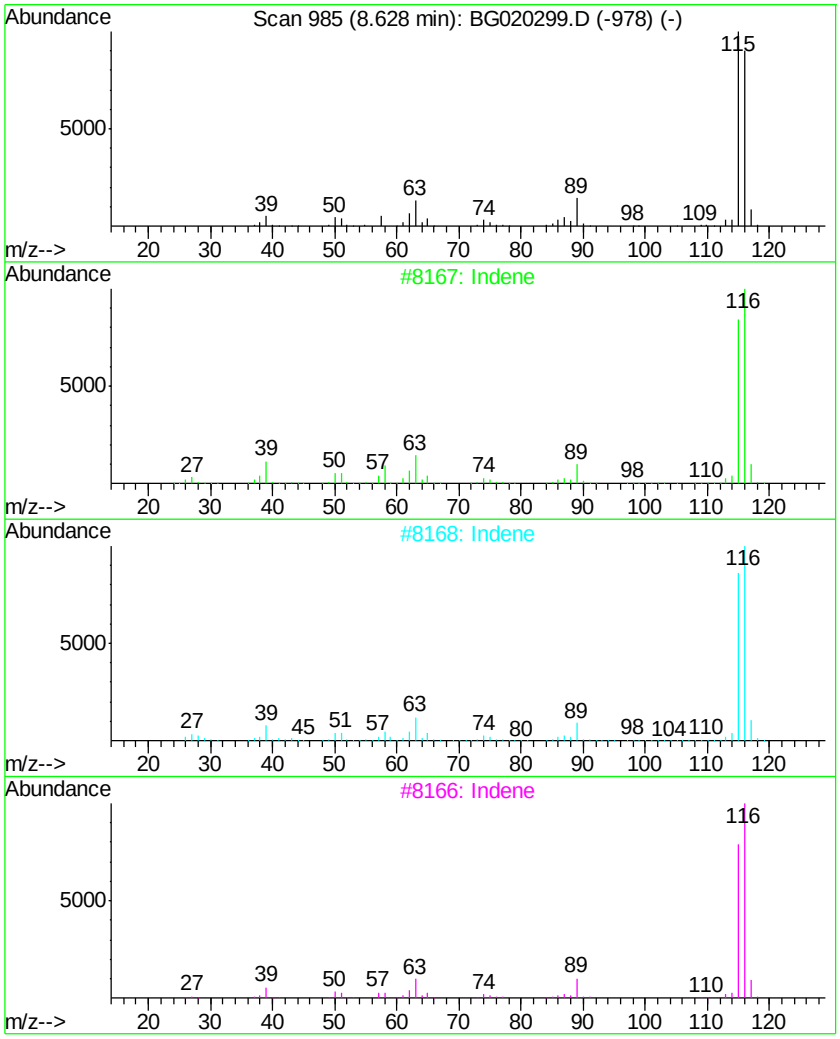
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

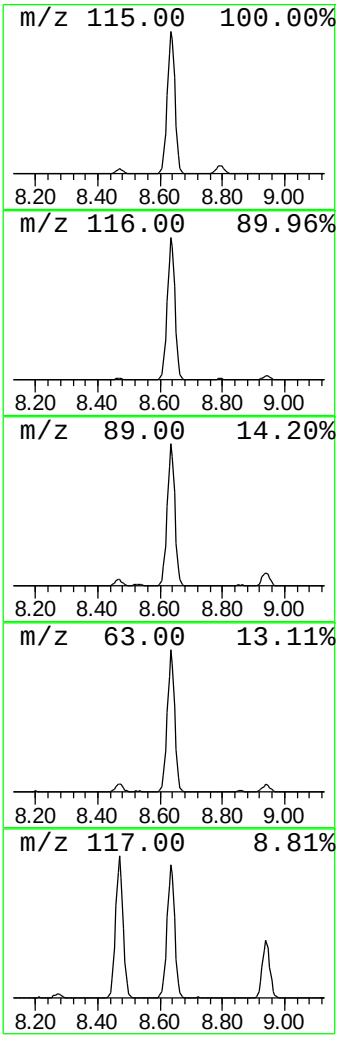
****

Peak Number 5 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	219.22 ng/ul	1263650	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	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	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 : BG020299.D
Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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

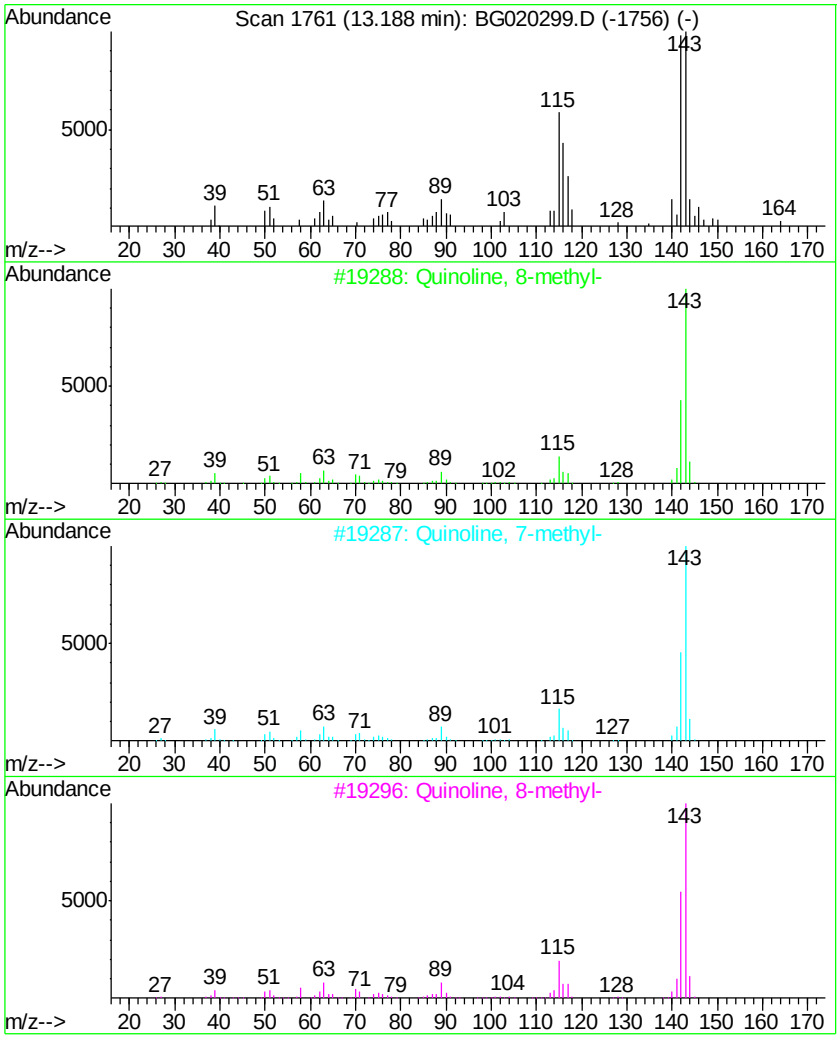
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

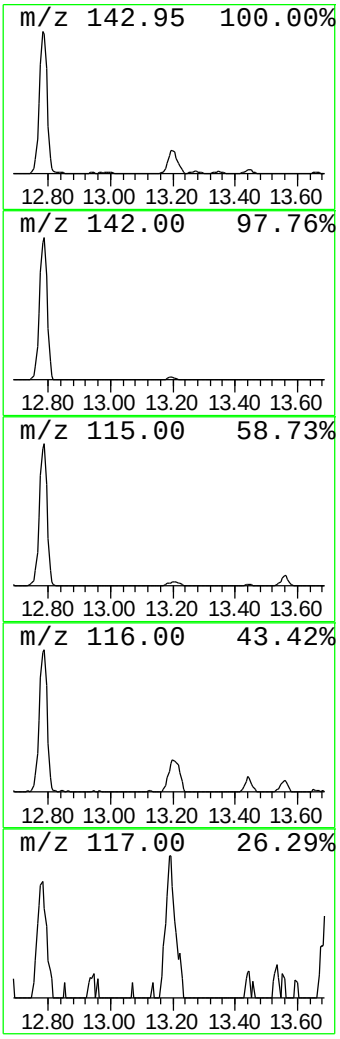
****

Peak Number 6 Quinoline, 8-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	8.04 ng/ul	90231	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	76
2	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	76
3	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	70
4	1-Phenyl-1-cyclopropanecarbonitrile	143	C10H9N	000935-44-4	64
5	1-Phenyl-1-cyclopropanecarbonitrile	143	C10H9N	000935-44-4	62





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020299.D
Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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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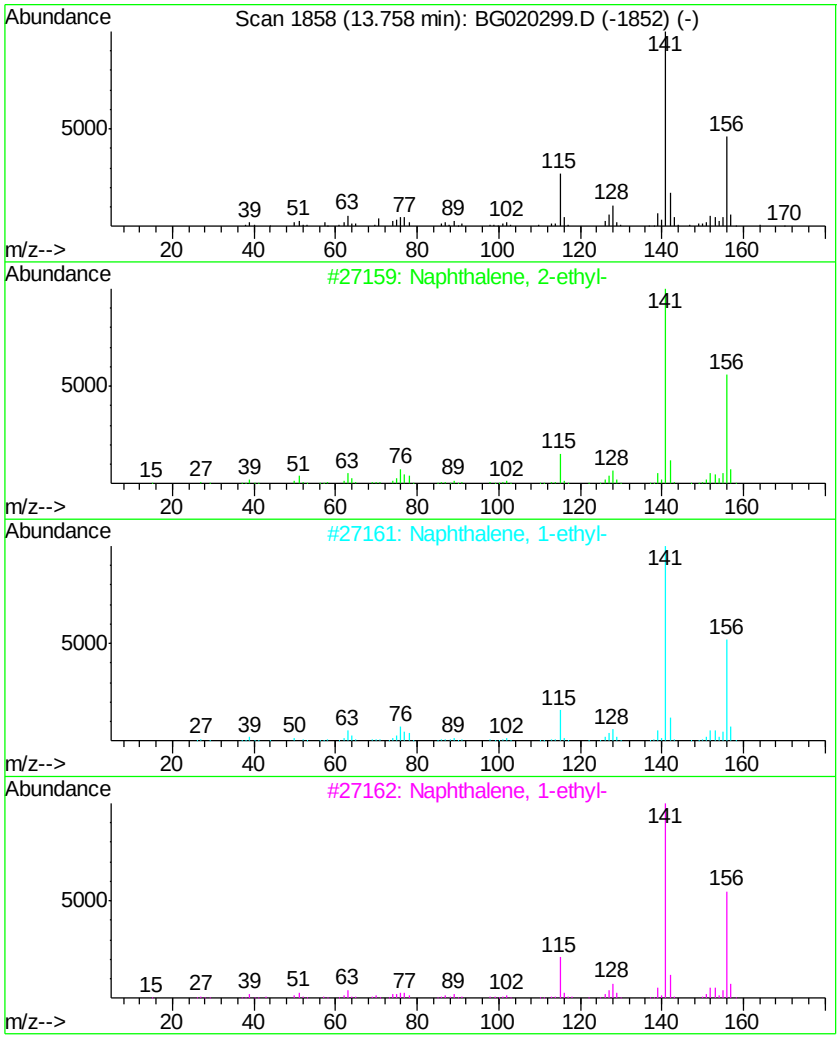
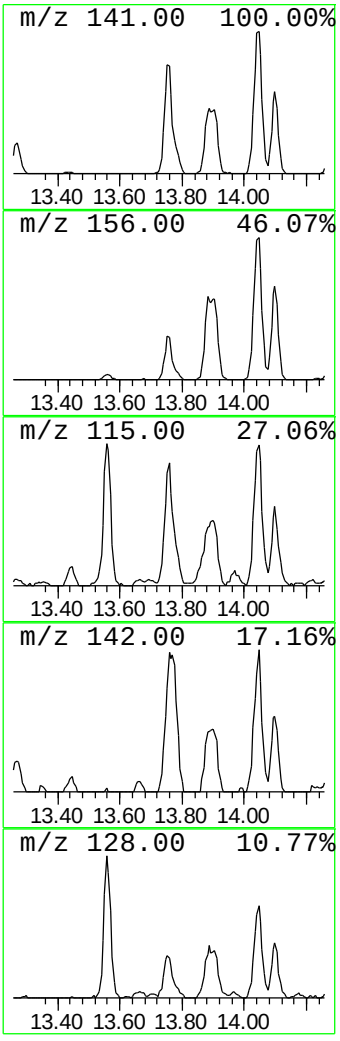
Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	22.01 ng/ul	246970	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





Library Search Compound Report

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Data File : BG020299.D
Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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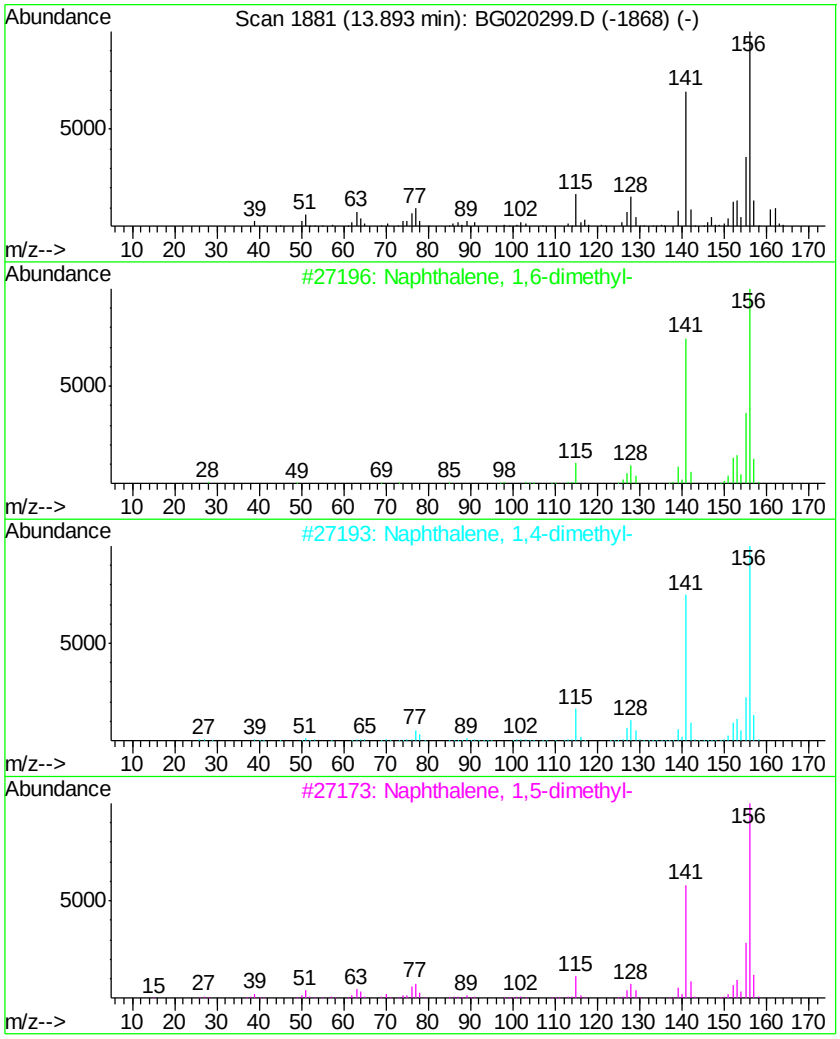
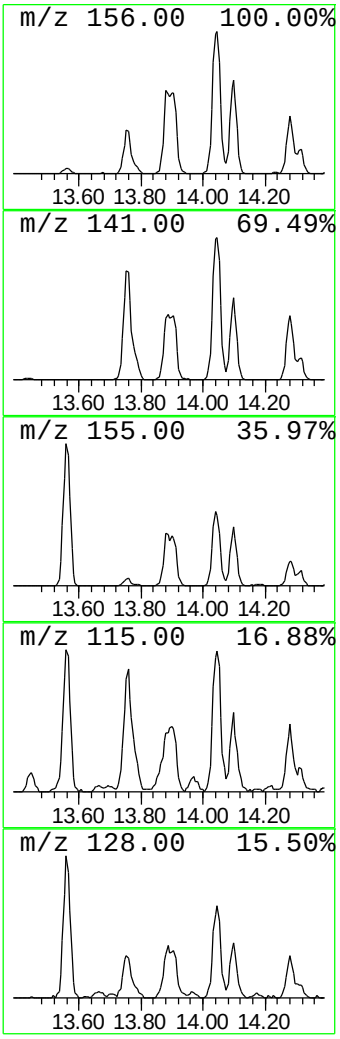
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	19.57 ng/ul	219658	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, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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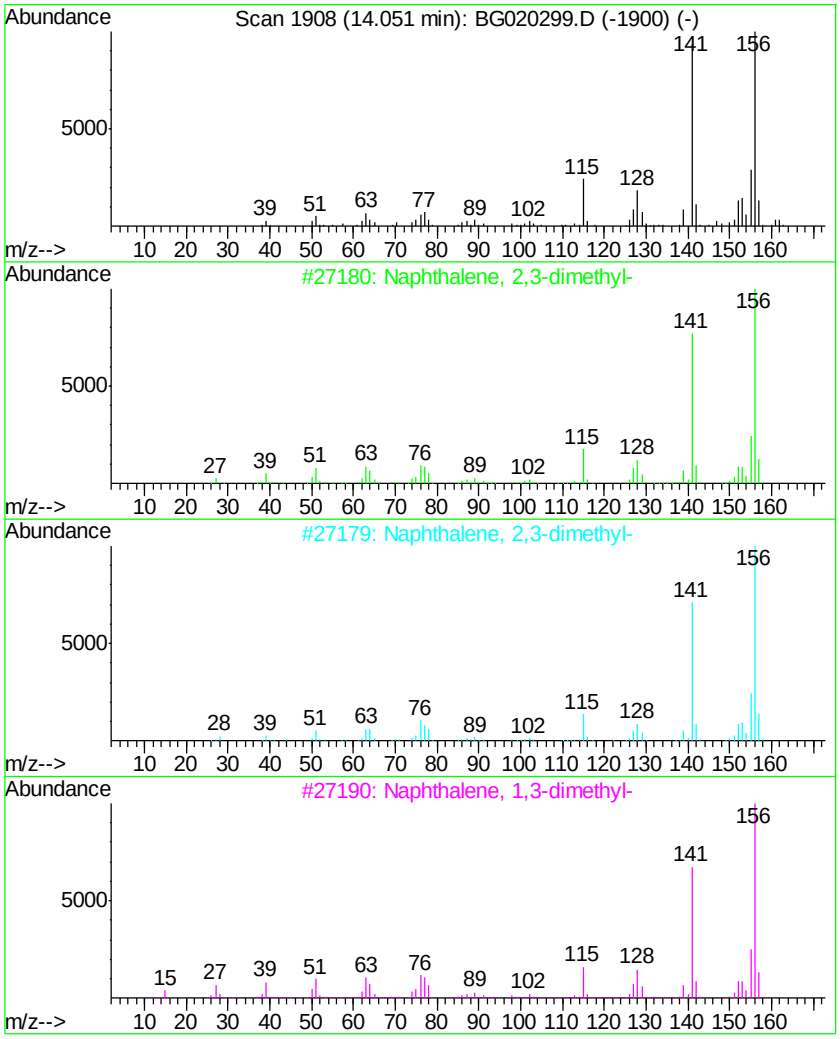
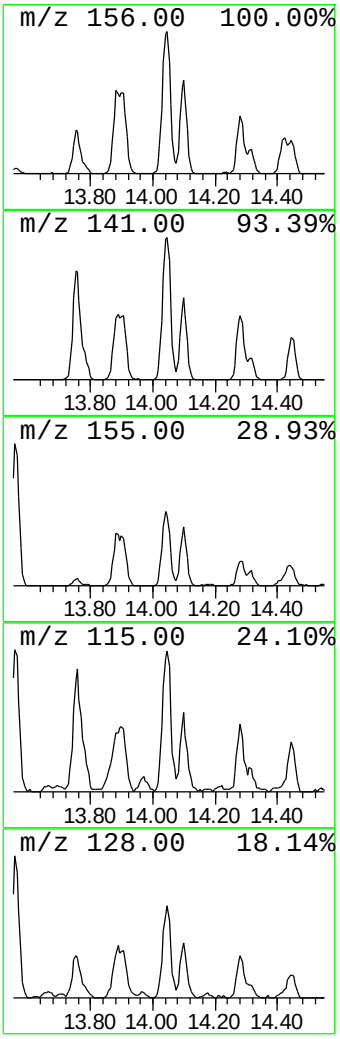
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	37.92 ng/ul	425597	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Instrument : BNA_G
ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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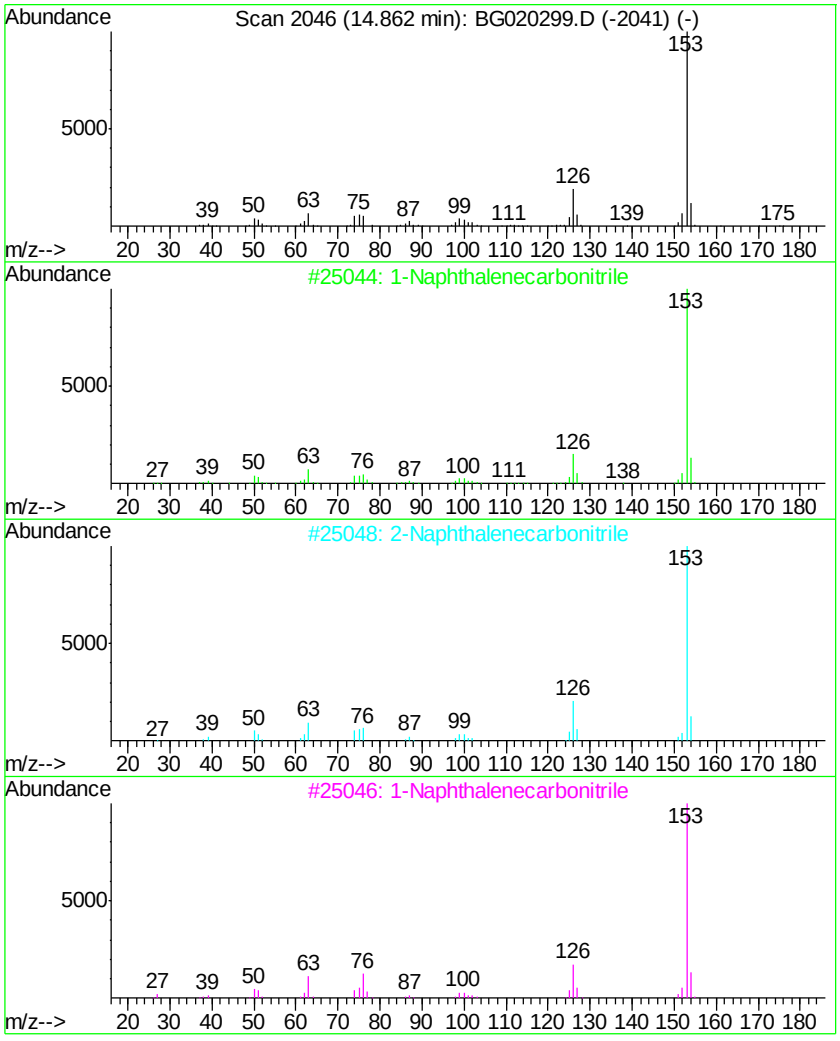
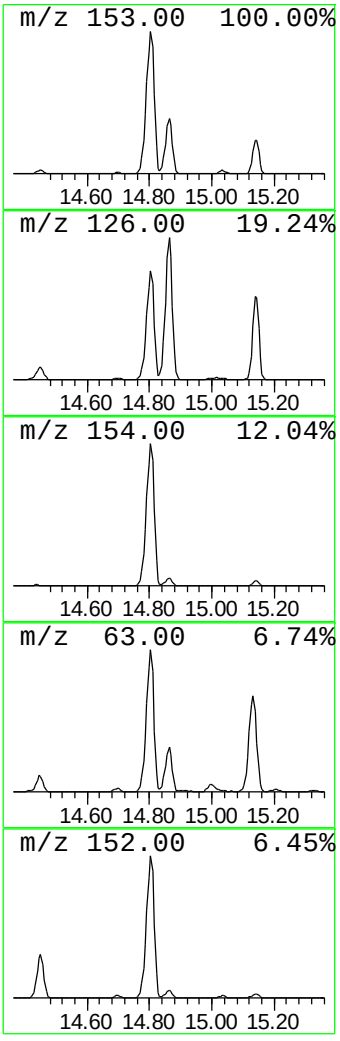
Peak Number 11 1-Naphthalenecarbonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	88.90 ng/ul	997807	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	90
5	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90





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ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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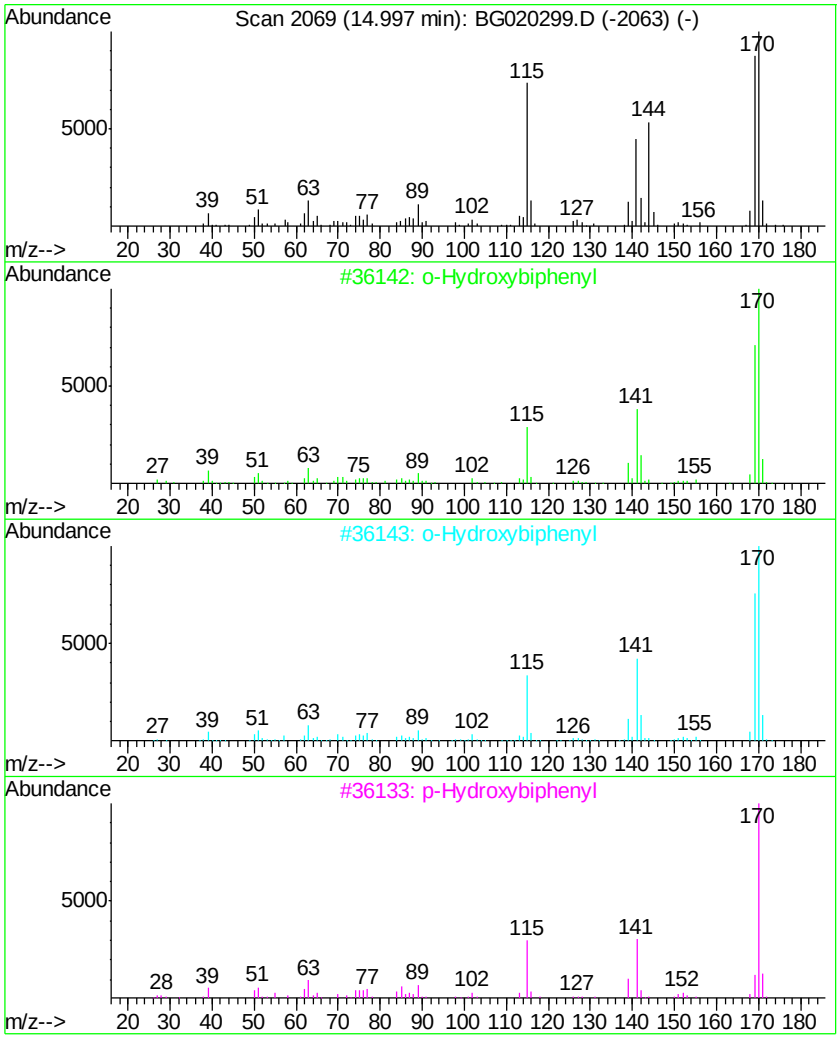
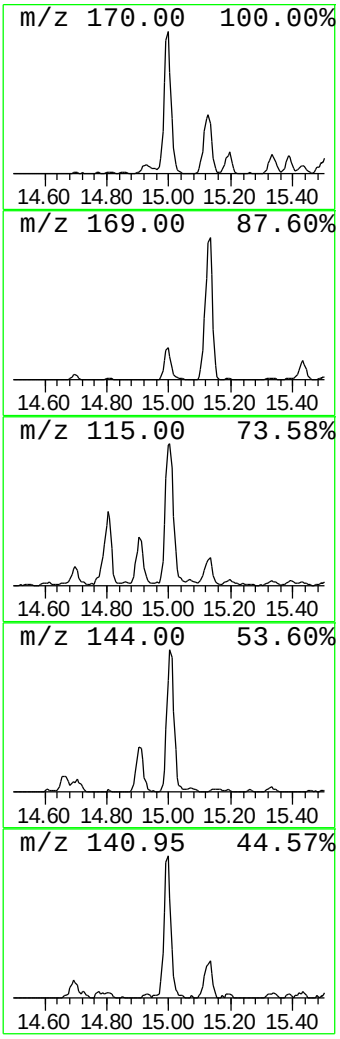
Peak Number 12 o-Hydroxybiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	24.48 ng/ul	274801	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	70
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	70
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	58
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	49
5	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	45





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Quant Title : SVOA CALIBRATION

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

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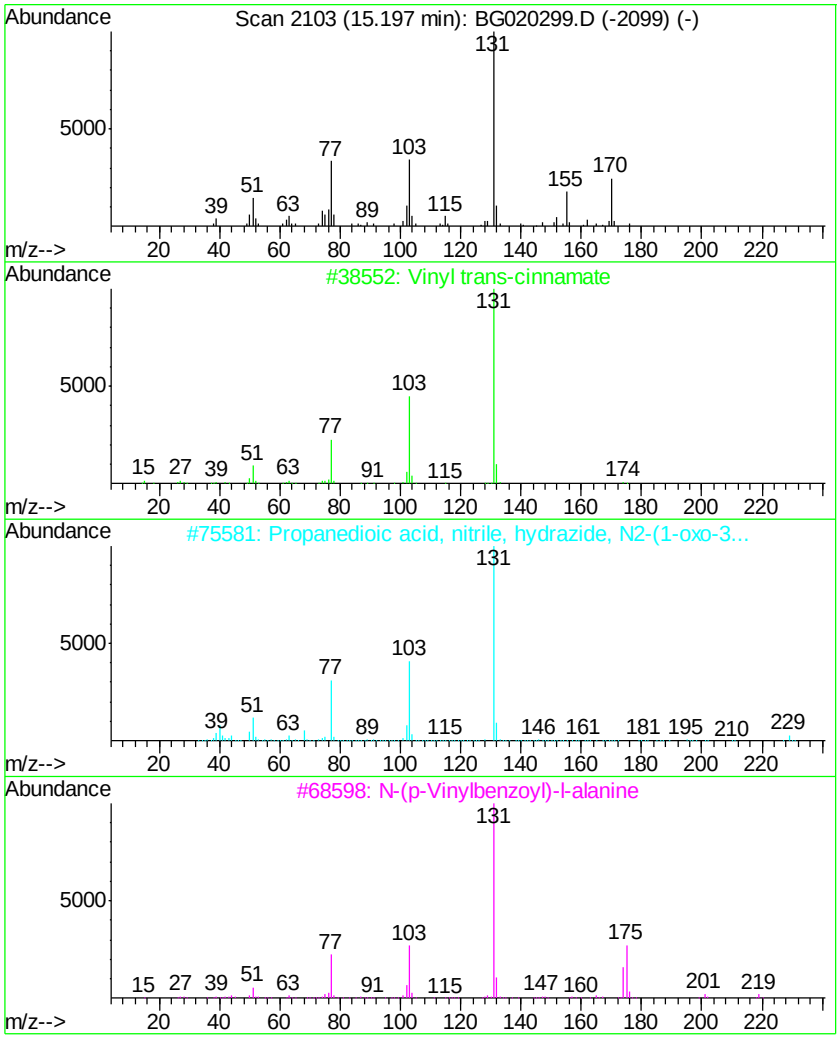
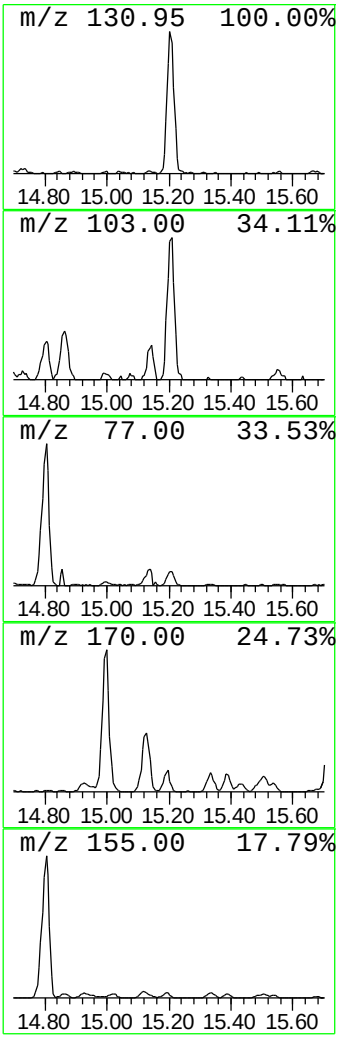
Peak Number 13 Vinyl trans-cinnamate Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	10.10 ng/ul	113320	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	78
2	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	78
3	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	78
4	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	78
5	1,3-Bis(cinnamoyloxymethyl)adama...	456	C30H32O4	303797-58-2	78





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Quant Title : SVOA CALIBRATION

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

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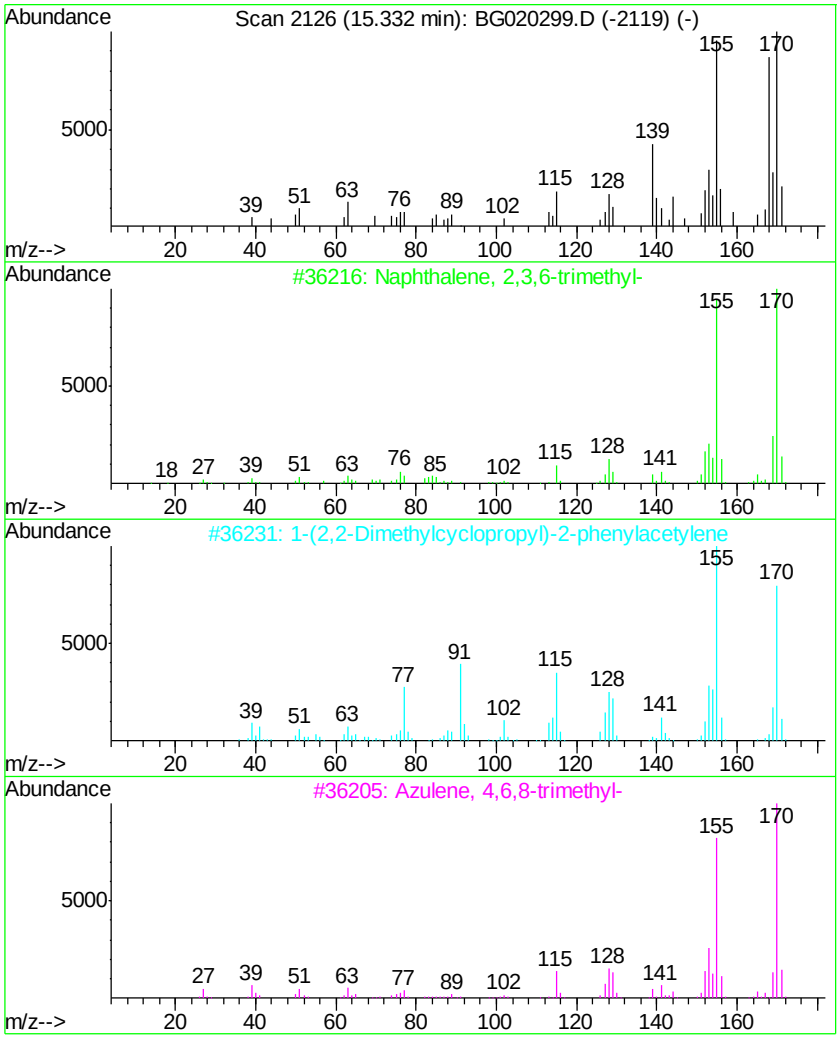
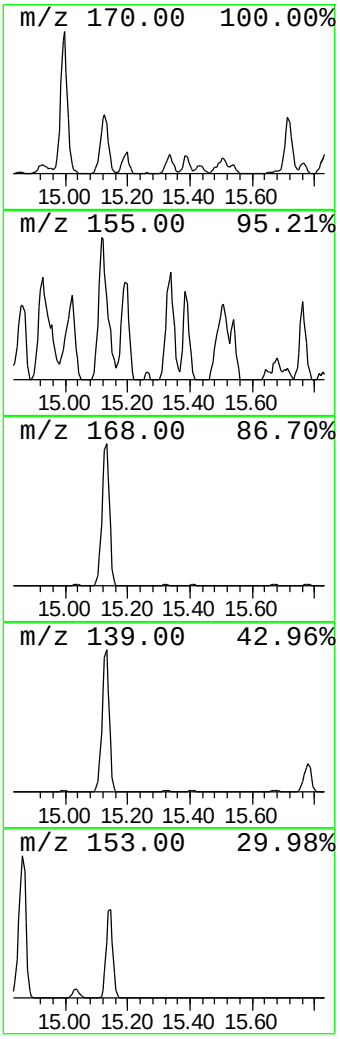
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	5.17 ng/ul	58030	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	78
3	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	78
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55





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Instrument : BNA_G
ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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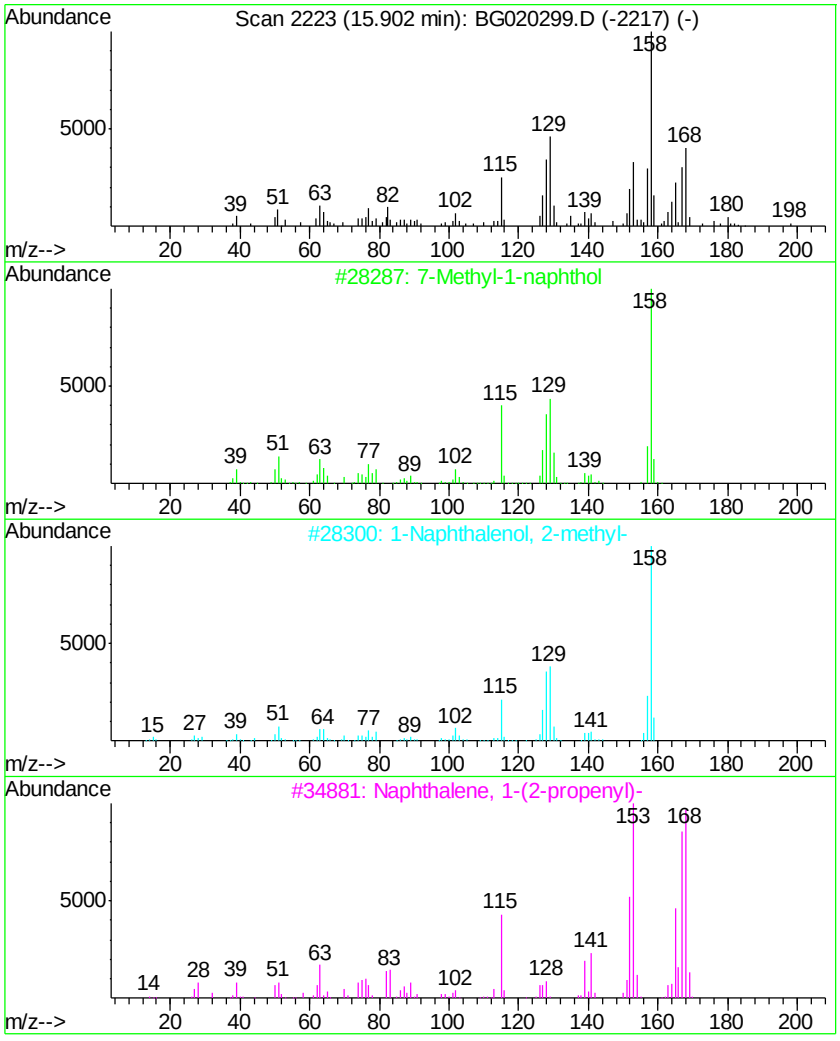
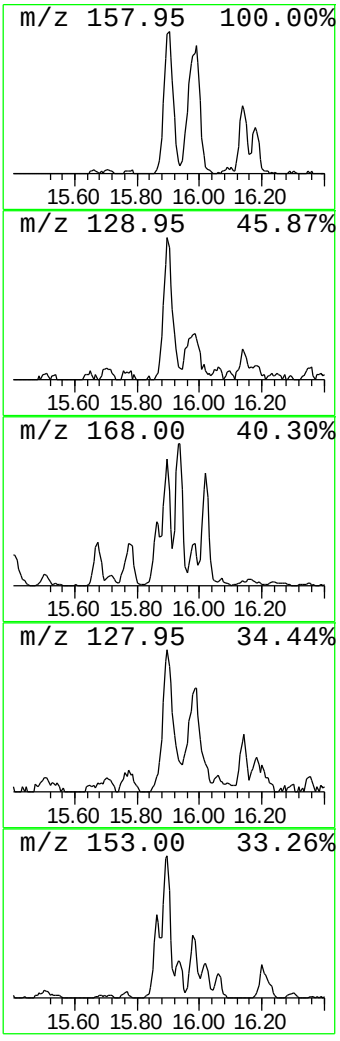
Peak Number 15 7-Methyl-1-naphthol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	26.91 ng/ul	302032	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	86
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	62
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	56
4	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	52
5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	46





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Quant Title : SVOA CALIBRATION

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

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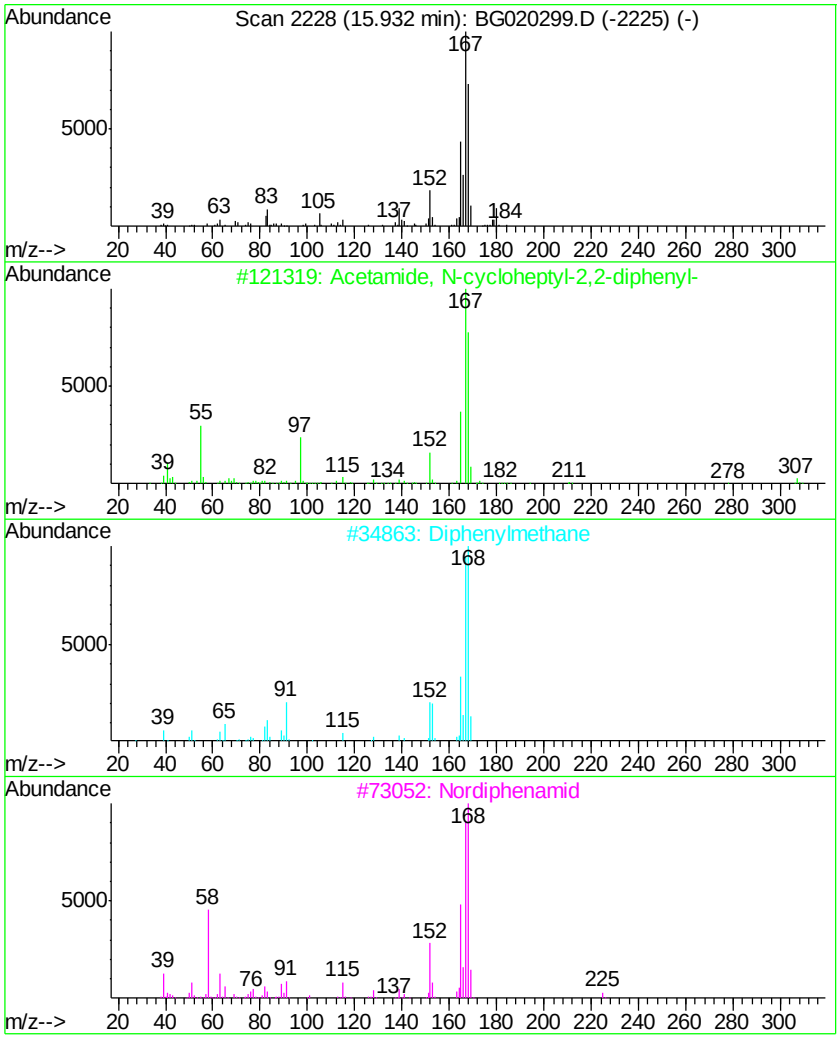
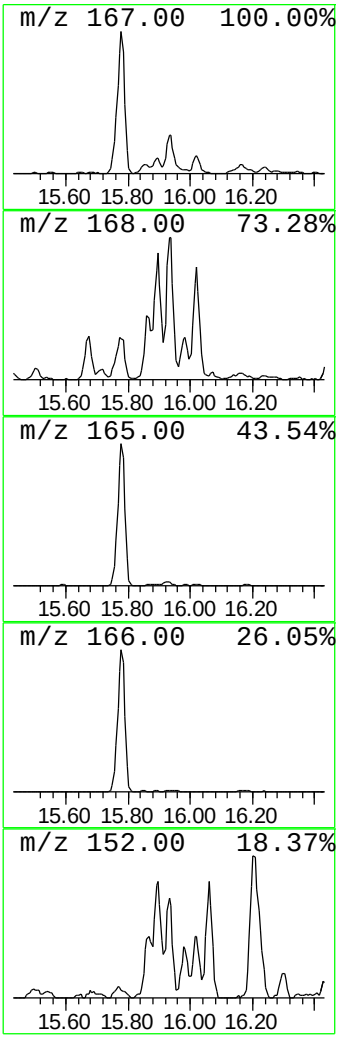
Peak Number 16 Acetamide, N-cycloheptyl-2,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	21.33 ng/ul	239347	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	64
2	Diphenylmethane	168	C13H12	000101-81-5	62
3	Nordiphenamid	225	C15H15NO	000954-21-2	53
4	Nordiphenamid	225	C15H15NO	000954-21-2	53
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	49





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

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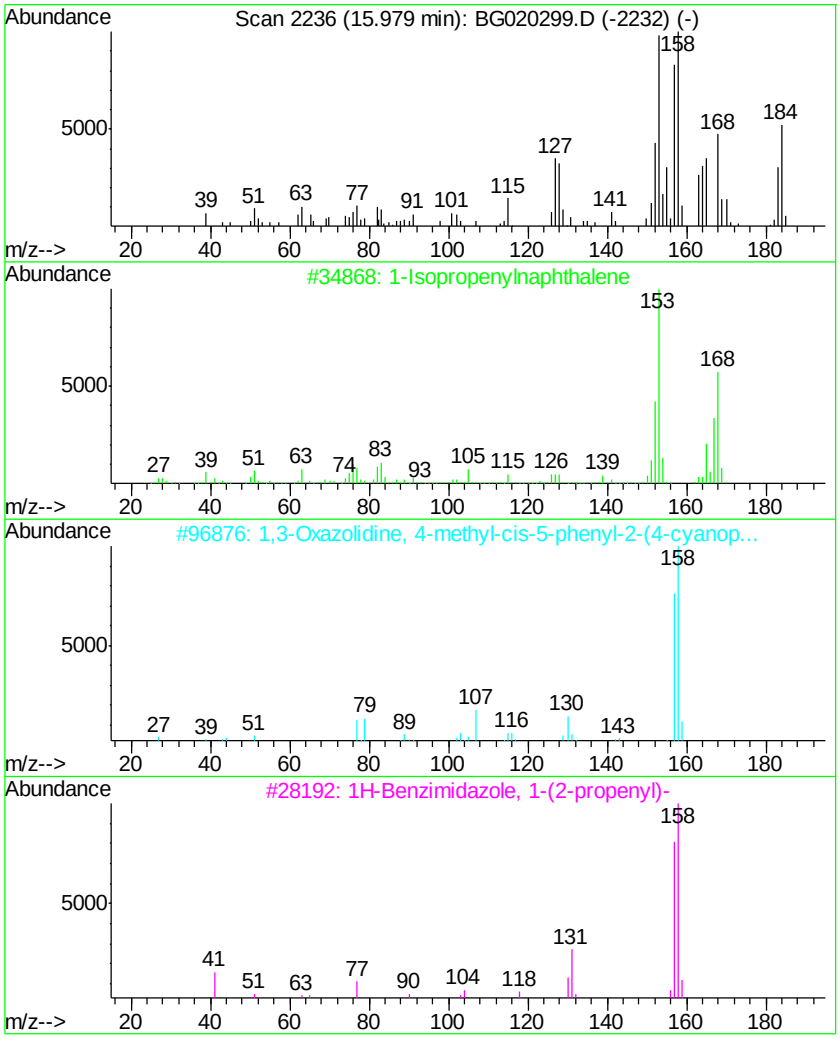
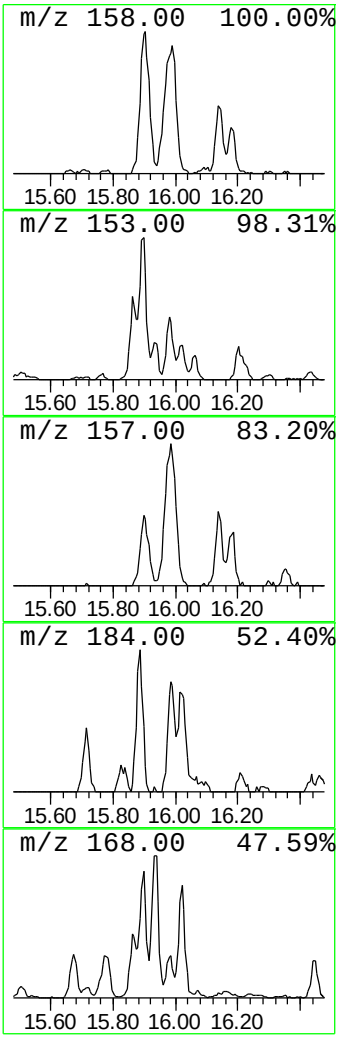
Peak Number 17 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	18.79 ng/ul	210843	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	25
2	1,3-Oxazolidine, 4-methyl-cis-5-...	264	C17H16N2O	1000138-86-2	22
3	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	22
4	Ethanone, 1-(4-chloro-3-methylph...	168	C9H9ClO	037074-39-8	15
5	1,1,4,4-Tetramethyl-1,4-disilacy...	168	C8H16Si2	020627-53-6	14





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Quant Title : SVOA CALIBRATION

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

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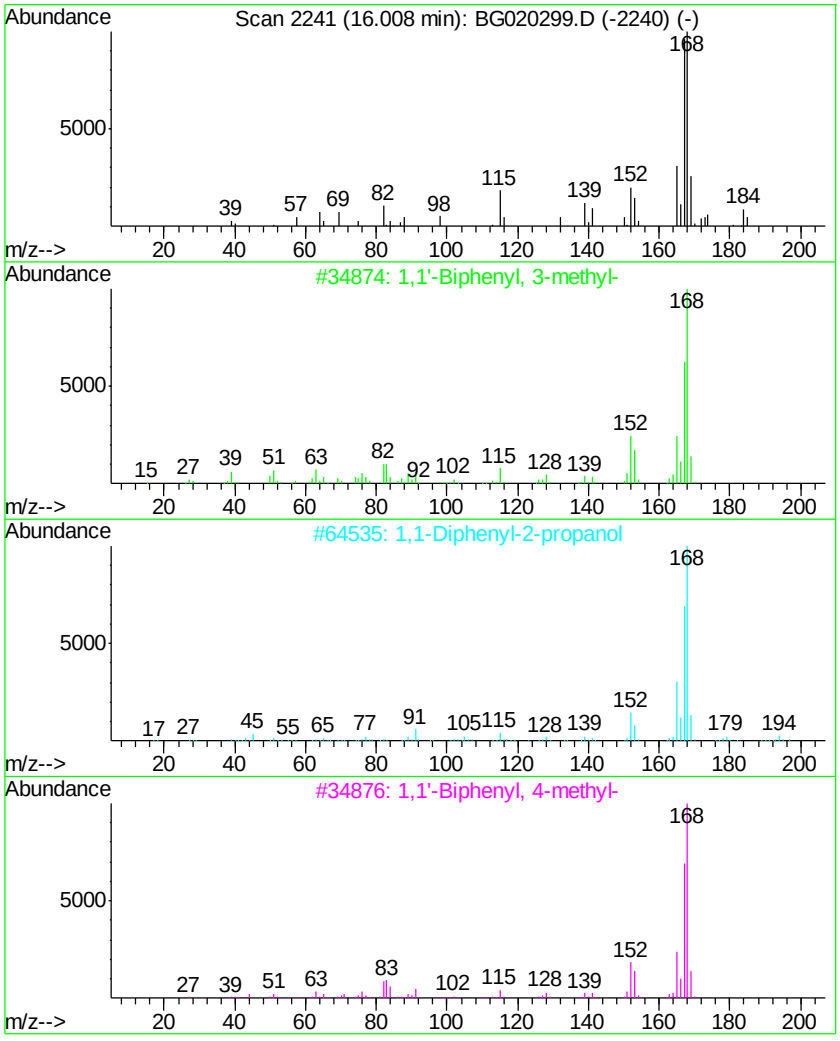
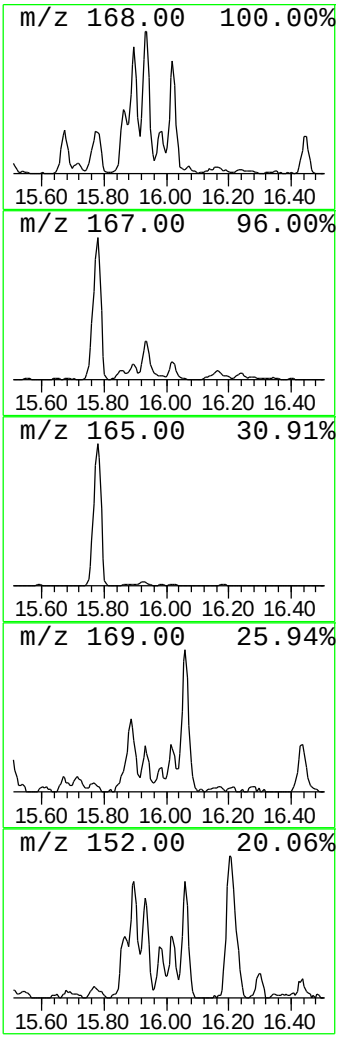
Peak Number 18 1,1'-Biphenyl, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	11.15 ng/ul	125085	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	83
2	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	80
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	72
5	Nordiphenamid	225	C15H15NO	000954-21-2	72





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

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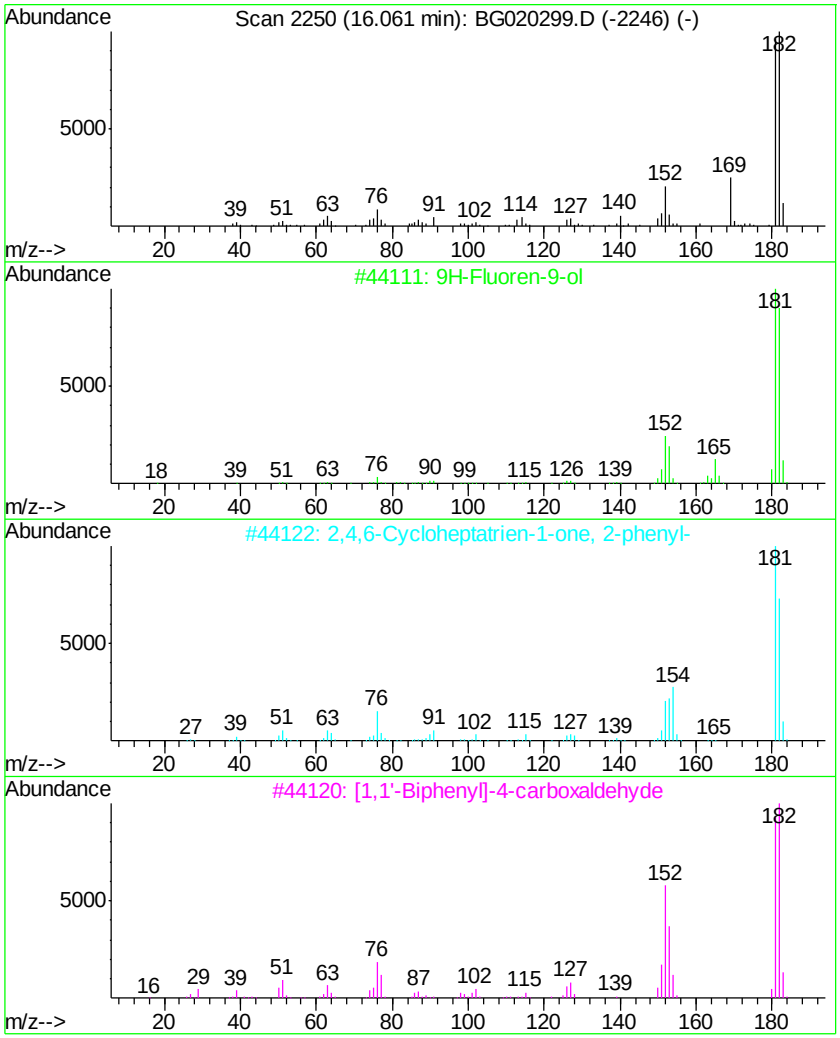
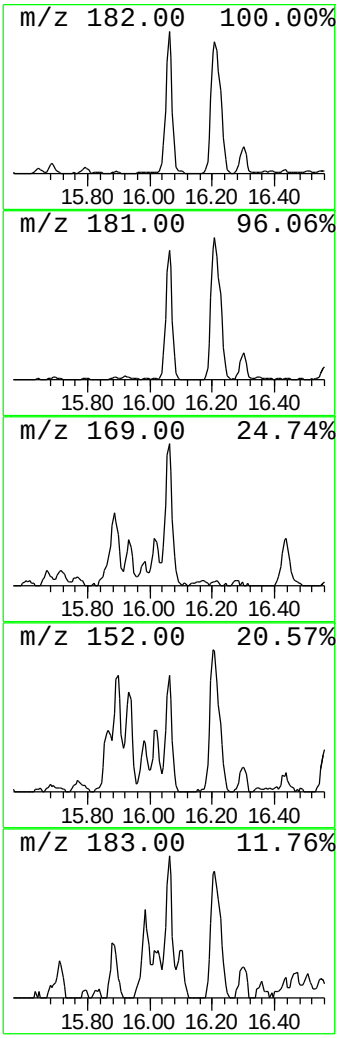
Peak Number 19 9H-Fluoren-9-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	19.34 ng/ul	217032	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	59
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53





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Quant Title : SVOA CALIBRATION

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

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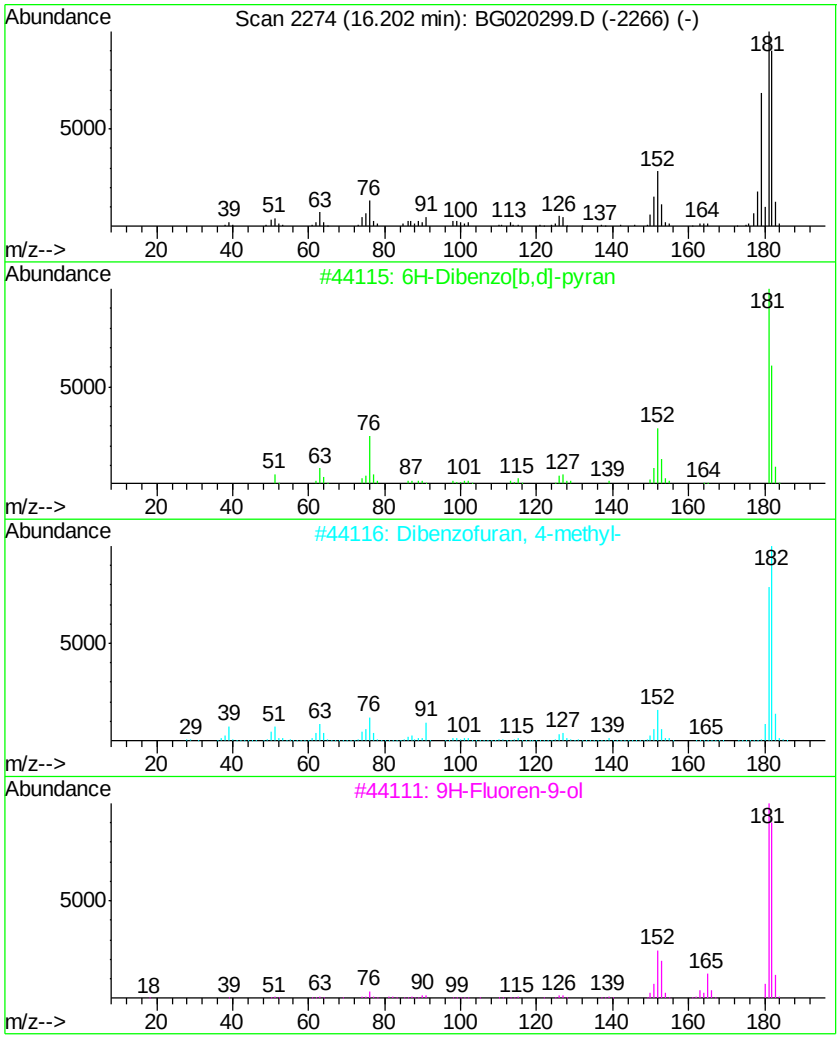
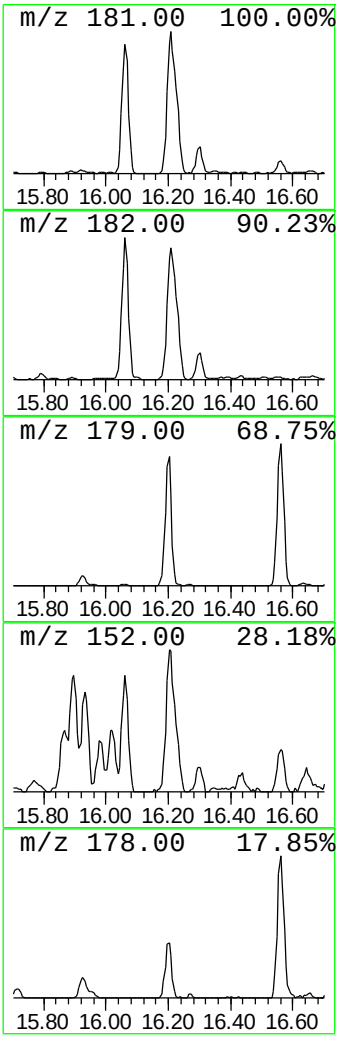
Peak Number 20 6H-Dibenzo[b,d]-pyran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	20.58 ng/ul	442607	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	93
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	58





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Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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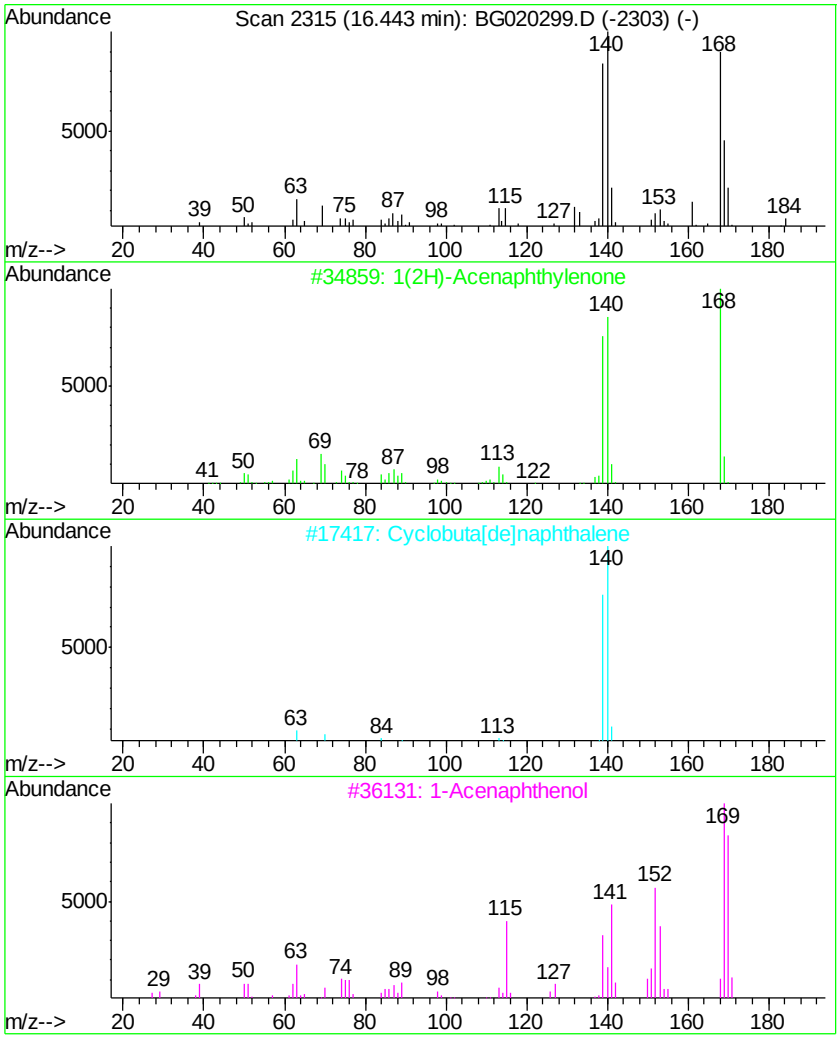
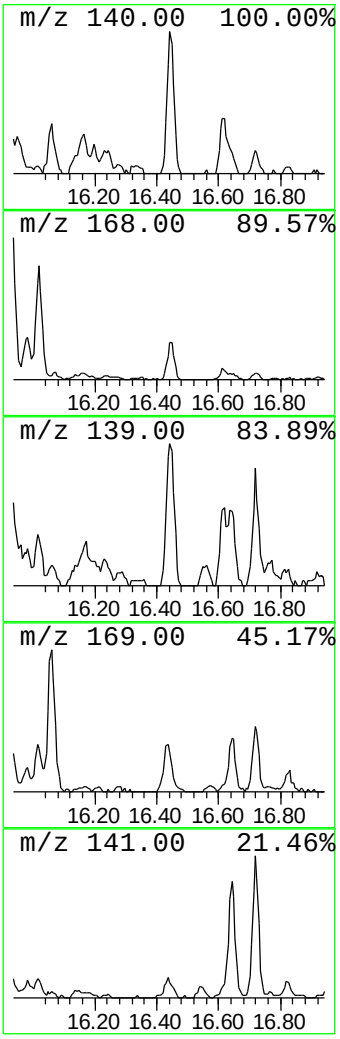
Peak Number 21 unknown-02 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.51 ng/ul	75435	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	30
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	30
3	1-Acenaphthenol	170	C12H10O	006306-07-6	30
4	Benzaldehyde, 3-fluoro-4-hydroxy-	140	C7H5FO2	000405-05-0	27
5	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	27





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Sample : G4768-19
Misc :
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Instrument : BNA_G
ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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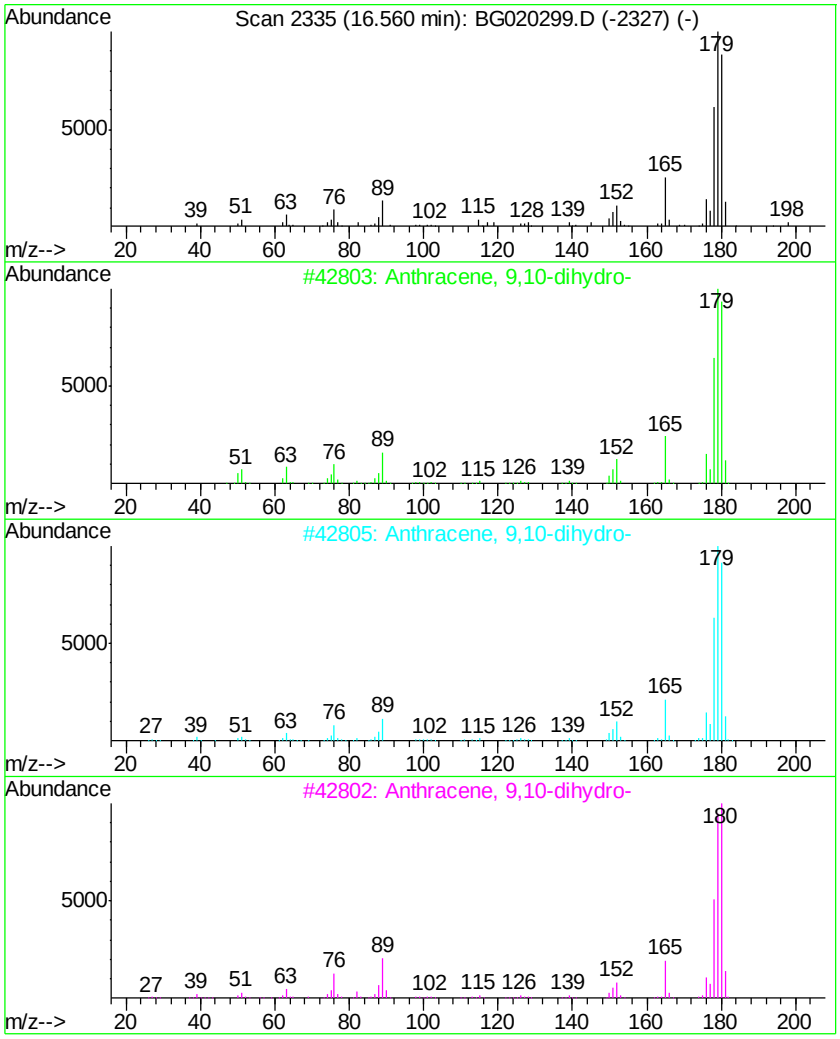
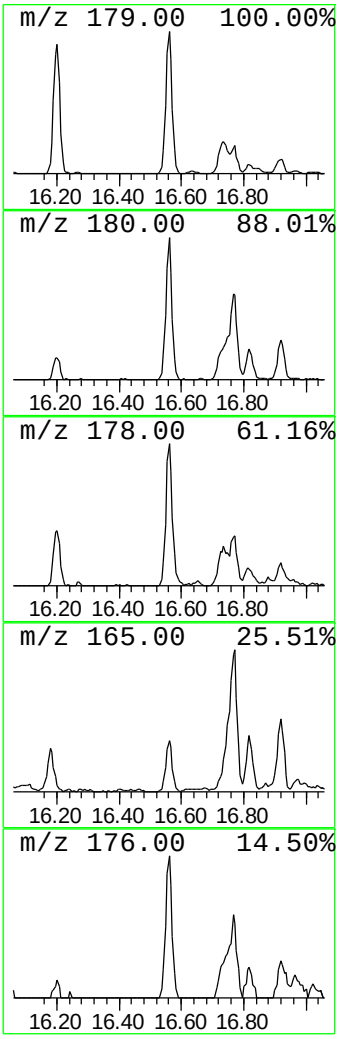
Peak Number 22 Anthracene, 9,10-dihydro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	8.26 ng/ul	177580	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, 1,2-dihydro-	180	C14H12	056179-83-0	92





Library Search Compound Report

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Sample : G4768-19
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ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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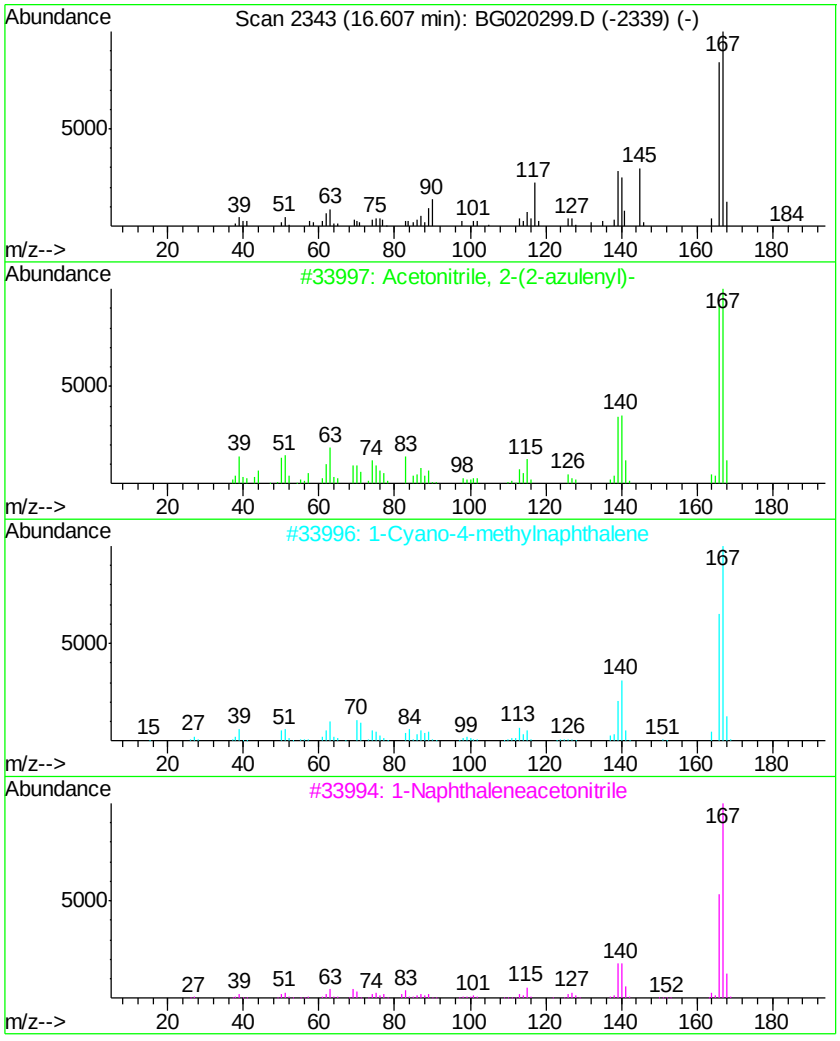
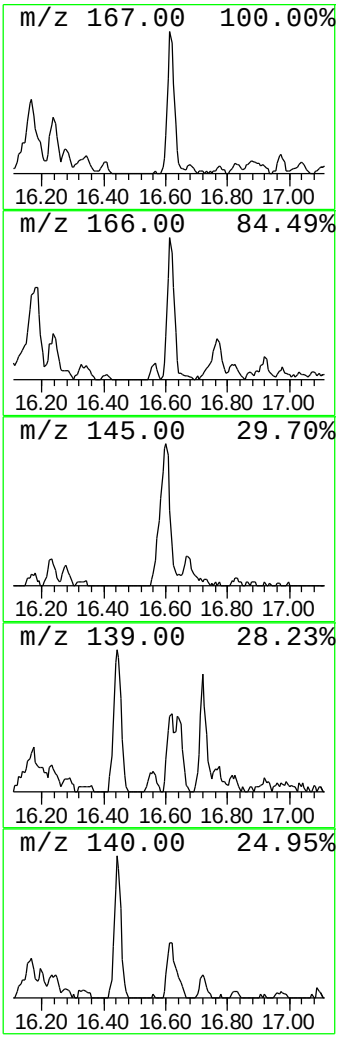
Peak Number 23 Acetonitrile, 2-(2-azulenyl)- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	4.14 ng/ul	89000	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, 2-(2-azulenyl)-	167	C12H9N	054798-12-8	94
2	1-Cyano-4-methylnaphthalene	167	C12H9N	036062-93-8	86
3	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	81
4	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	76
5	2-[1-Naphthyl]-3-oxobutyronitrile	209	C14H11NO	031573-38-3	74





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Instrument : BNA_G
ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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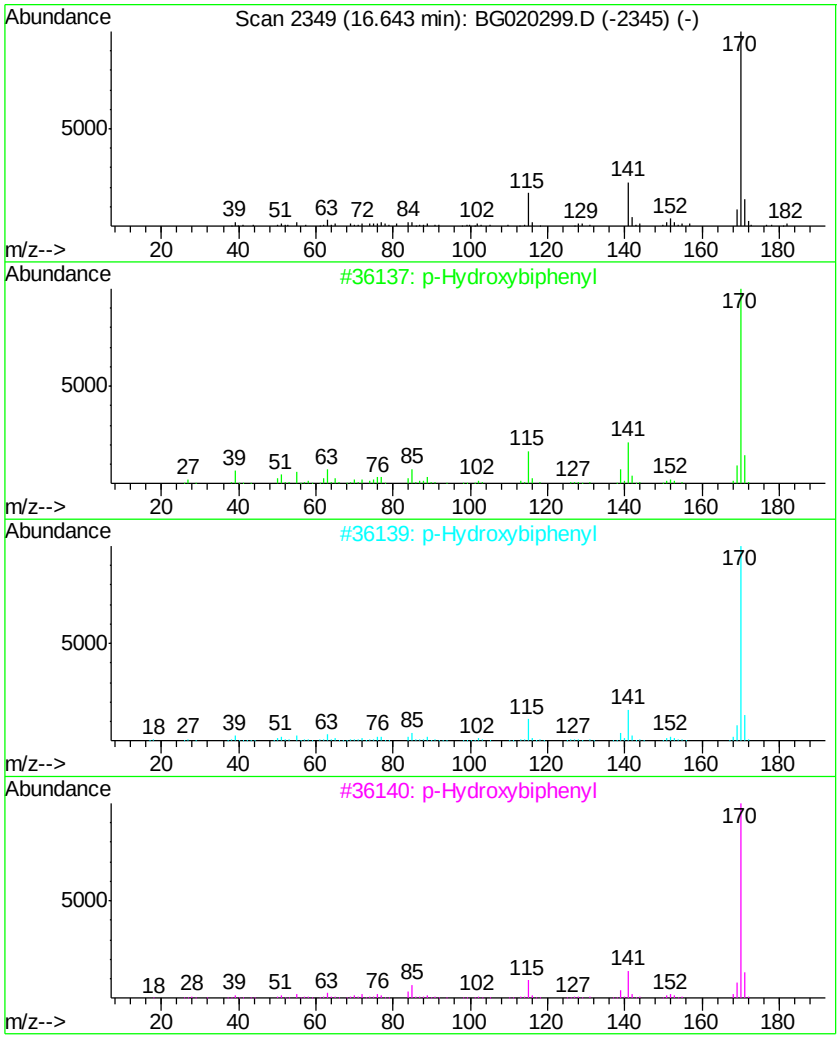
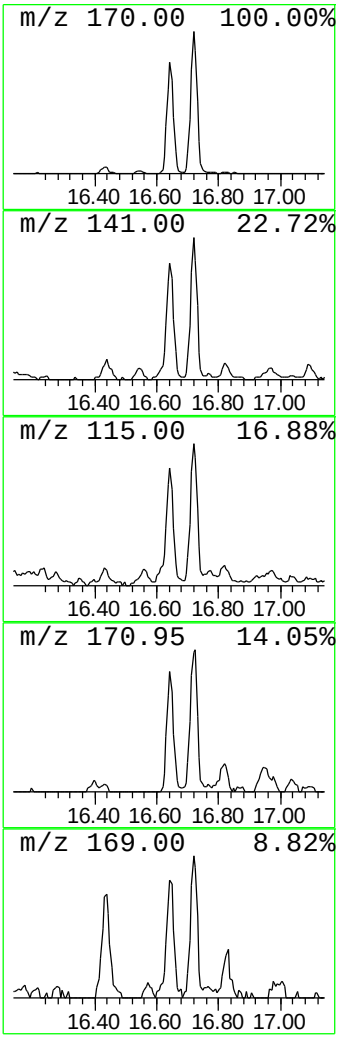
Peak Number 24 p-Hydroxybiphenyl Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	8.46 ng/ul	181924	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
4	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	91
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90





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Quant Title : SVOA CALIBRATION

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

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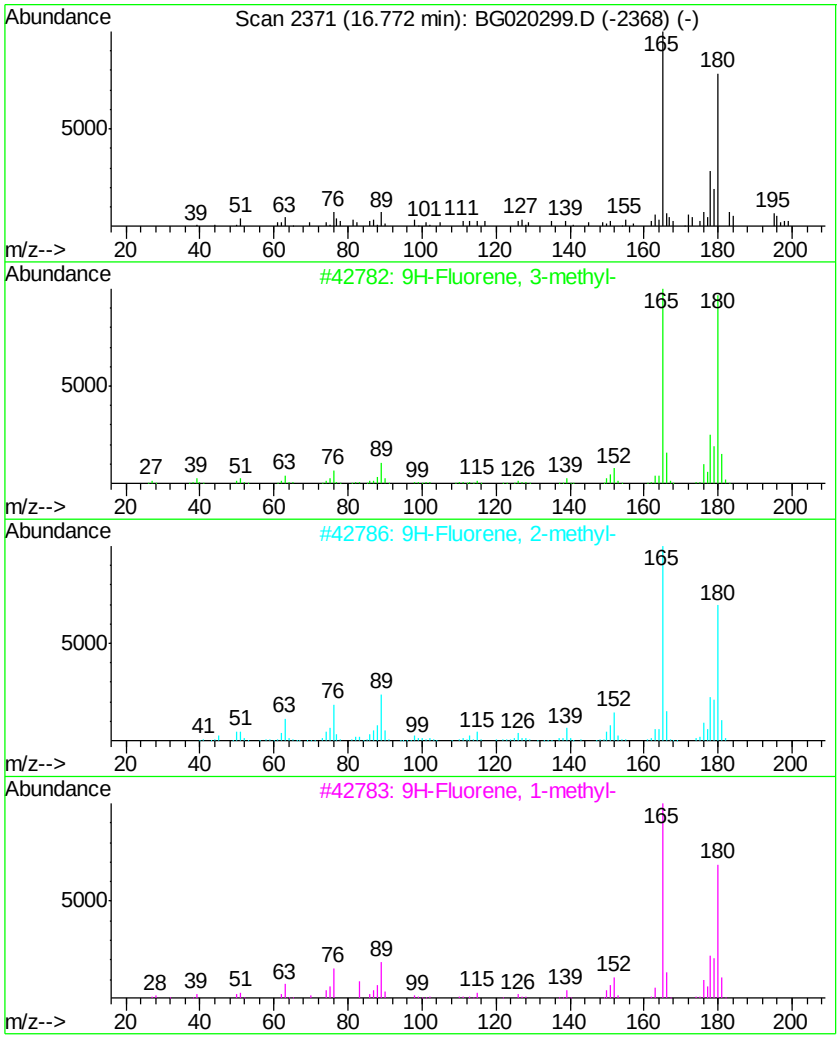
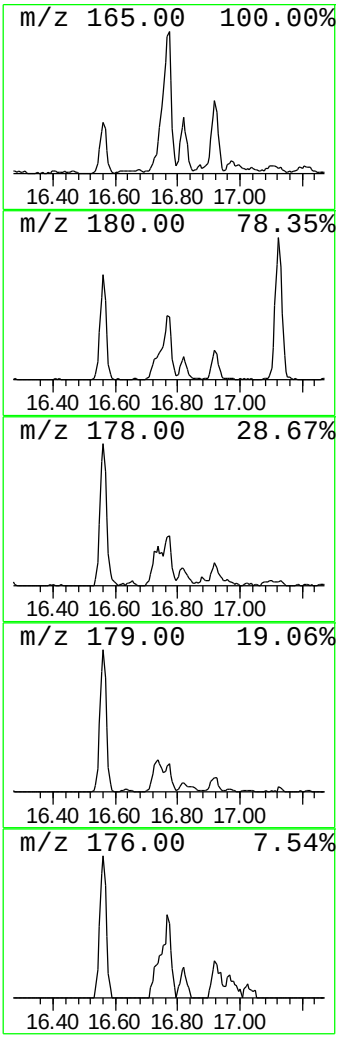
Peak Number 26 9H-Fluorene, 3-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	5.40 ng/ul	116189	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	81
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	72
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	72
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64





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Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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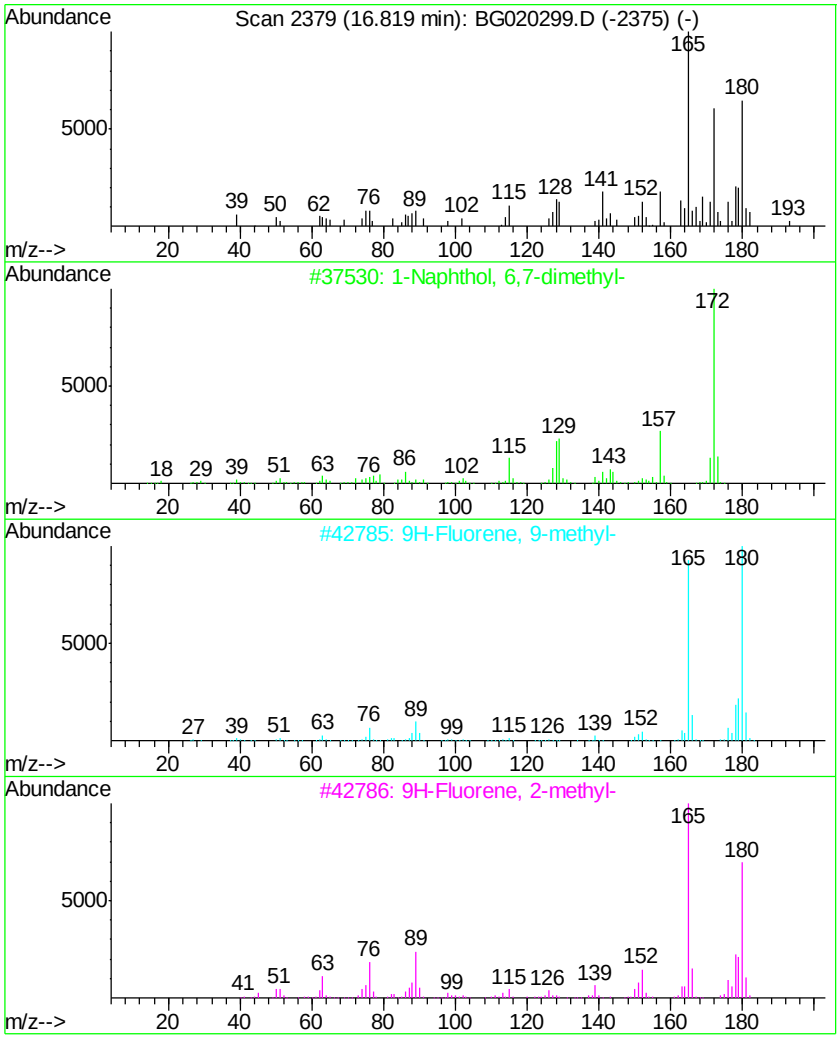
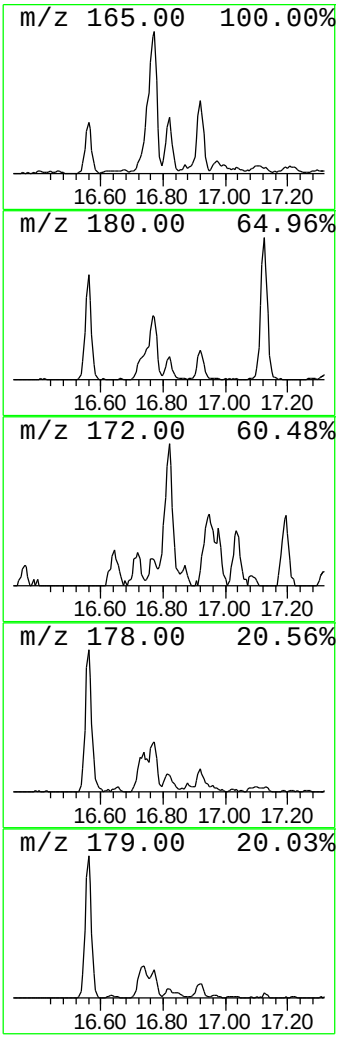
Peak Number 27 1-Naphthol, 6,7-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	5.17 ng/ul	111279	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthol, 6,7-dimethyl-	172	C12H12O	031776-14-4	53
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	53
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	53
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46
5	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	43





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Instrument : BNA_G
ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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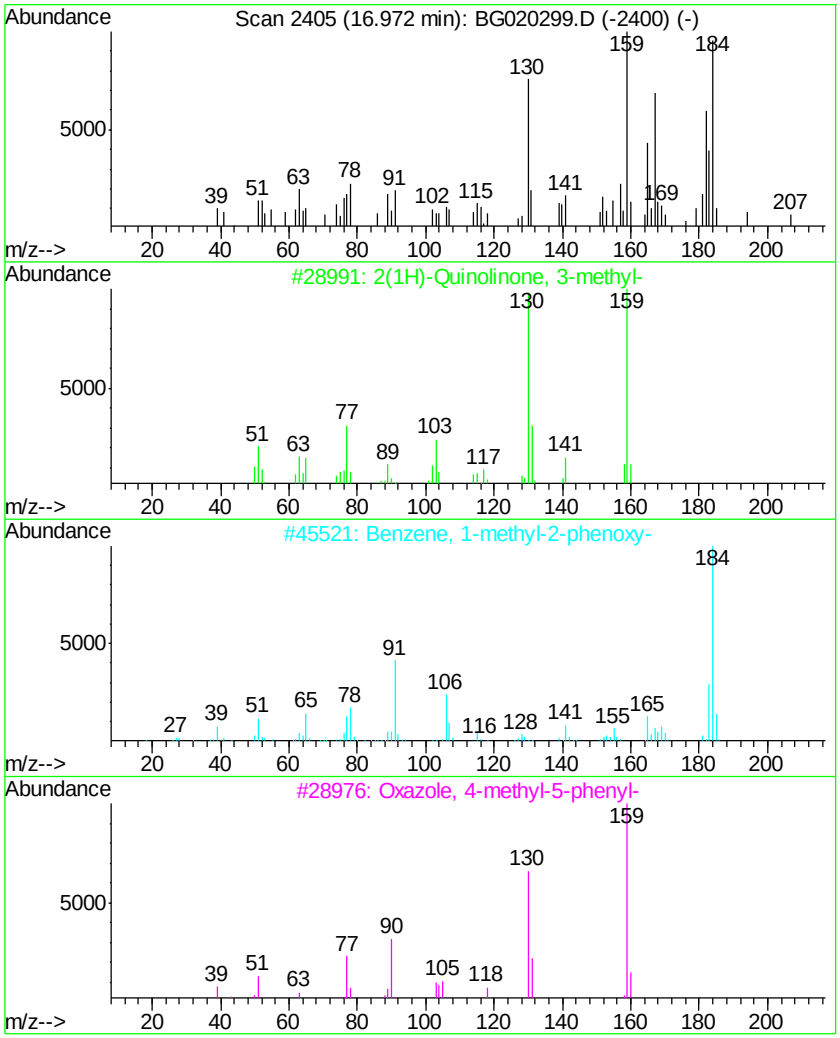
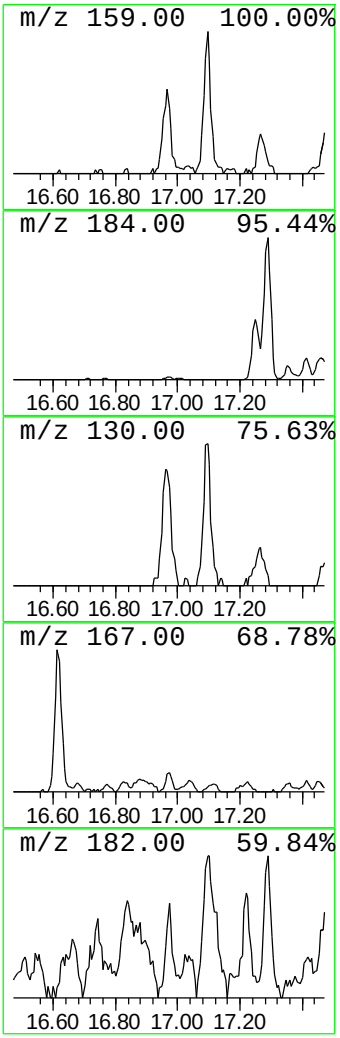
Peak Number 28 2(1H)-Quinolinone, 3-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.84 ng/ul	61030	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	52
2	Benzene, 1-methyl-2-phenoxy-	184	C13H12O	003991-61-5	47
3	Oxazole, 4-methyl-5-phenyl-	159	C10H9NO	001008-29-3	46
4	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	46
5	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	46





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Sample : G4768-19
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Instrument : BNA_G
ClientSampleId : D9N43

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Quant Title : SVOA CALIBRATION

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

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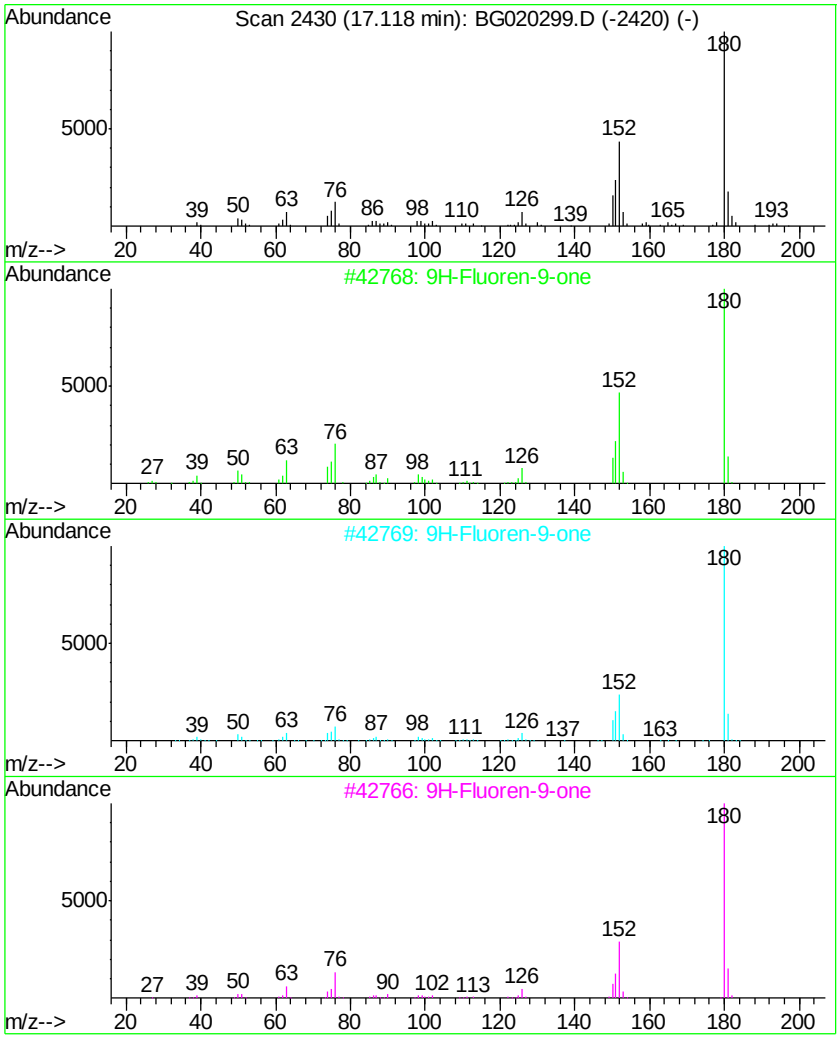
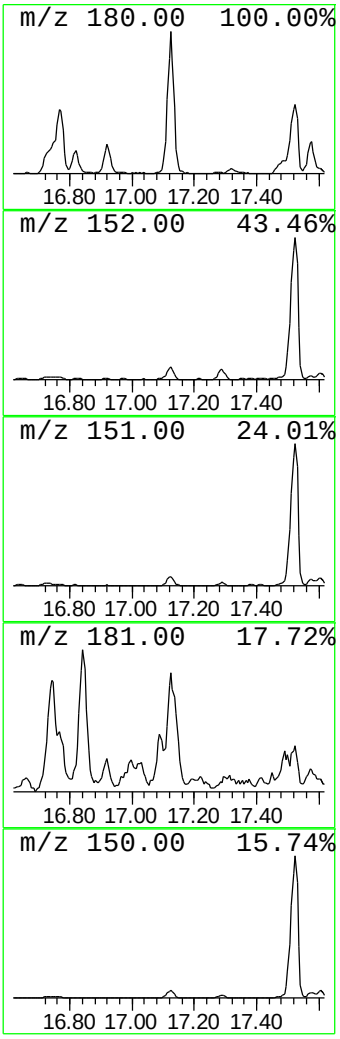
Peak Number 29 9H-Fluoren-9-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	8.72 ng/ul	187511	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





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Sample : G4768-19
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Quant Title : SVOA CALIBRATION

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

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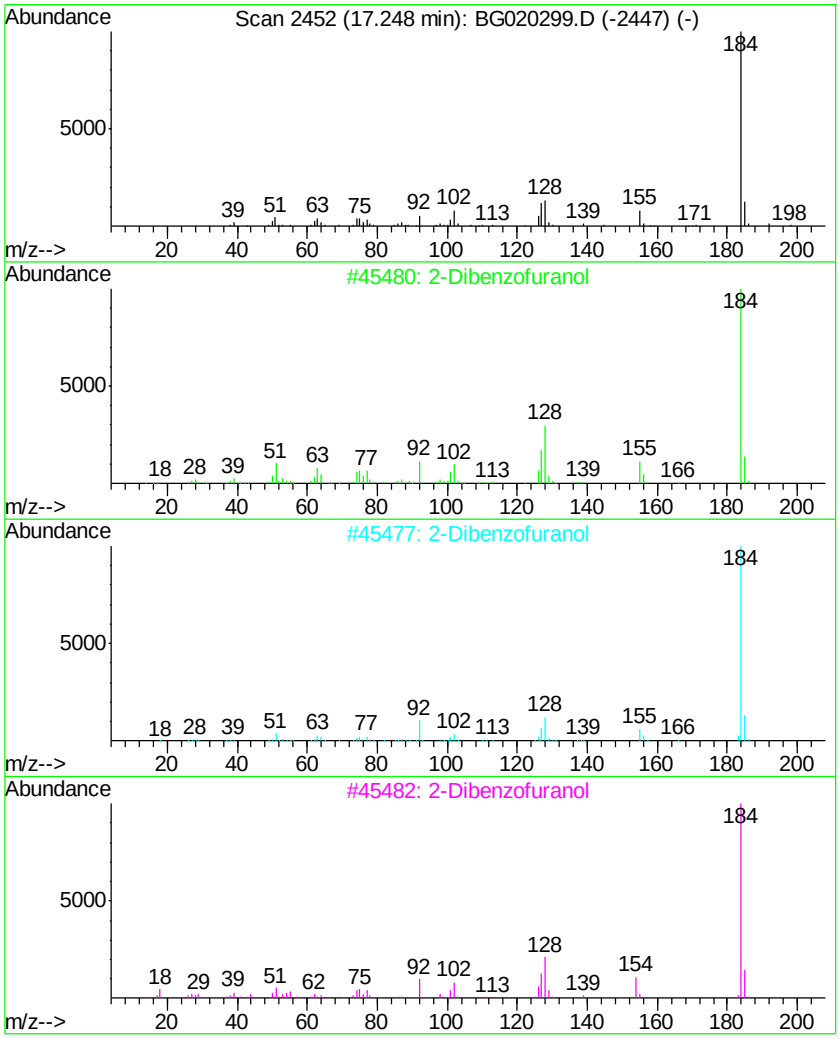
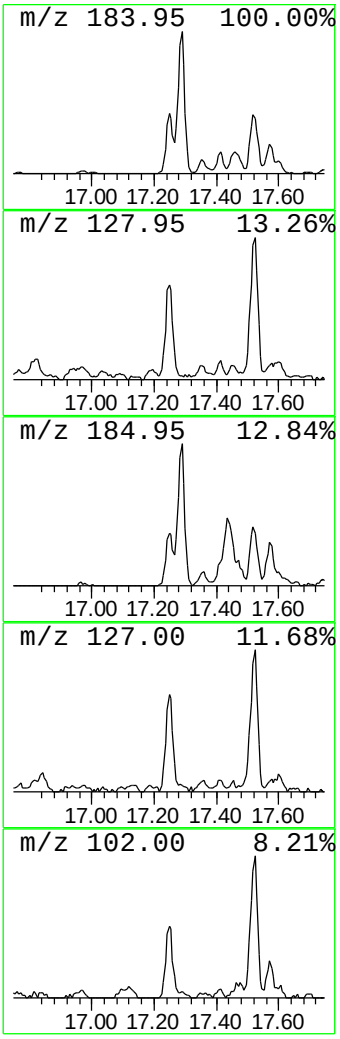
Peak Number 30 2-Dibenzofuranol Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	7.51 ng/ul	161546	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	94
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	86
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	80





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Quant Title : SVOA CALIBRATION

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

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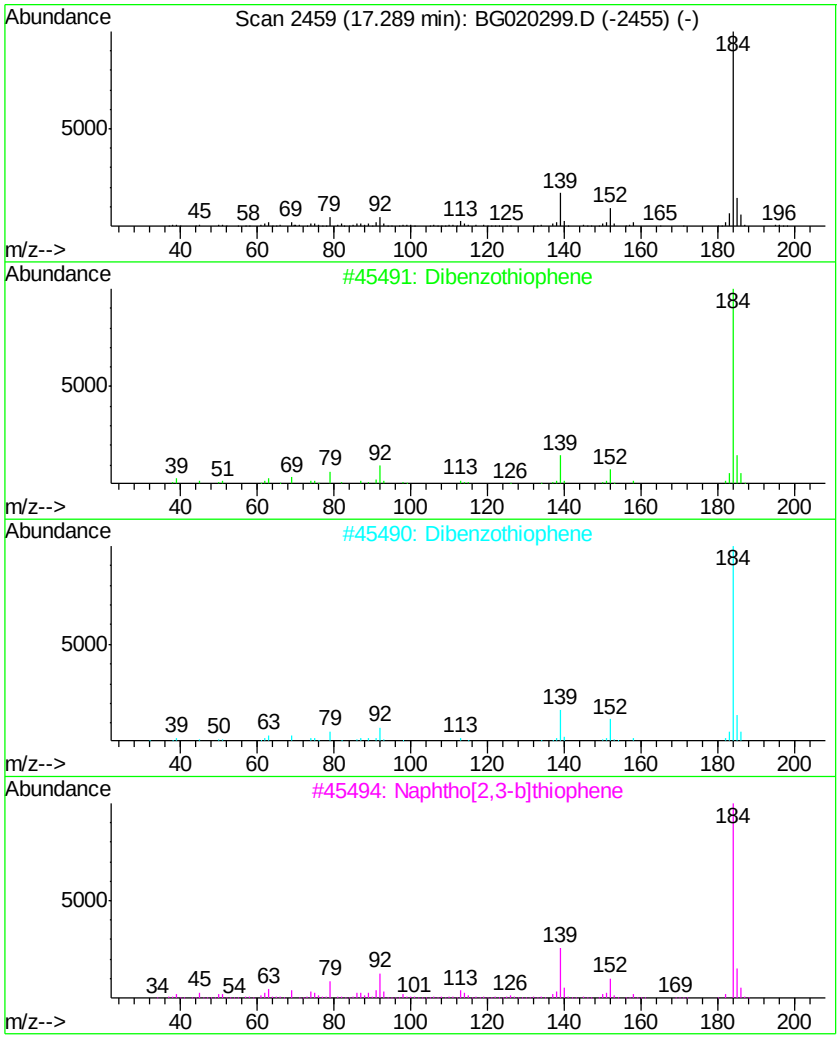
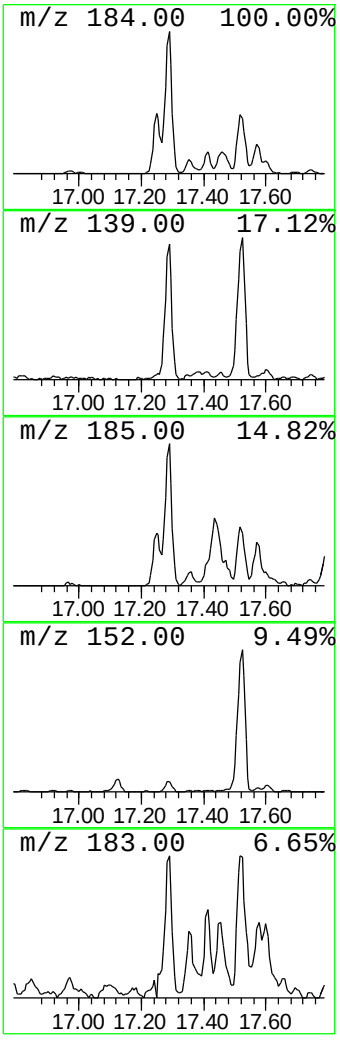
Peak Number 31 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	17.00 ng/ul	365675	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
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	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Quant Title : SVOA CALIBRATION

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

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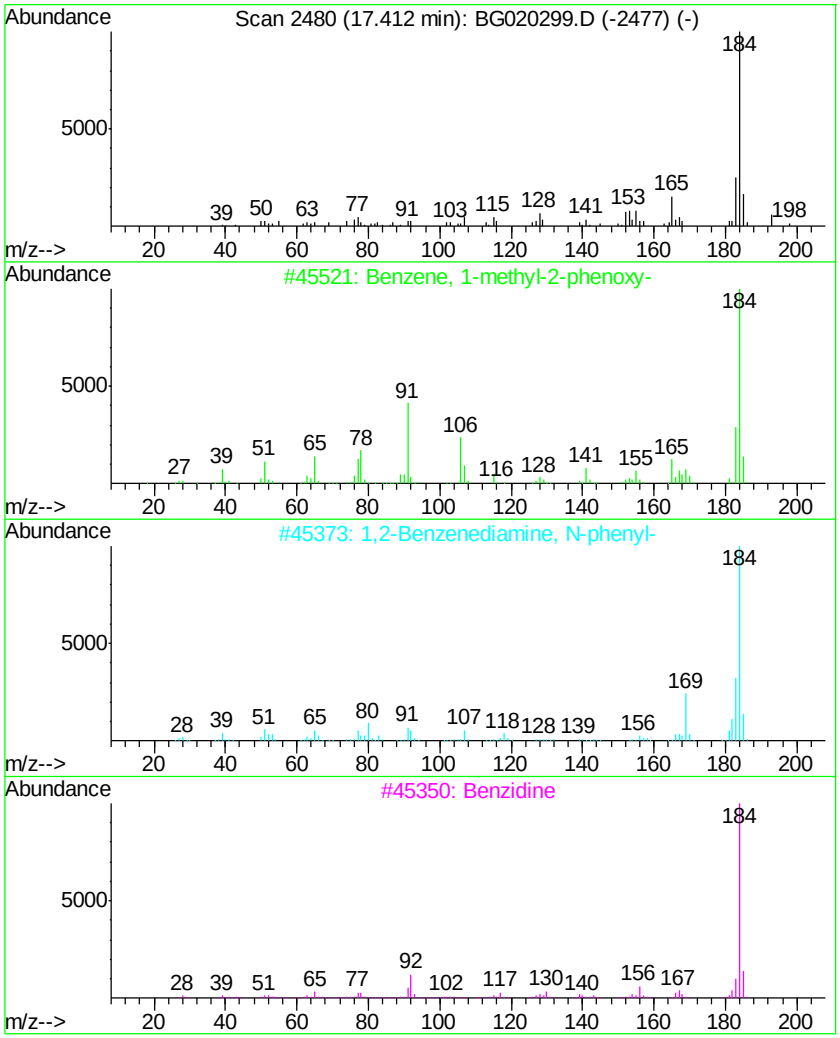
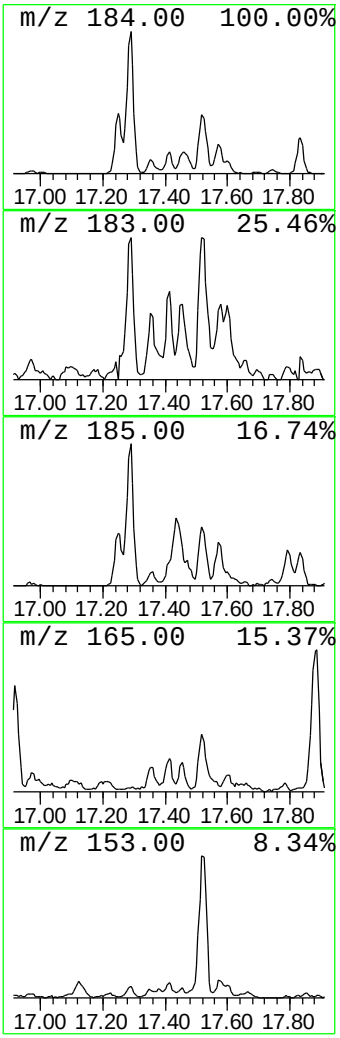
Peak Number 32 Benzene, 1-methyl-2-phenoxy- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	2.88 ng/ul	62040	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-phenoxy-	184	C13H12O	003991-61-5	87
2	1,2-Benzenediamine, N-phenyl-	184	C12H12N2	000534-85-0	72
3	Benzidine	184	C12H12N2	000092-87-5	64
4	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	64
5	1,4-Benzenediamine, N-phenyl-	184	C12H12N2	000101-54-2	64





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Sample : G4768-19
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Instrument : BNA_G
ClientSampleId : D9N43

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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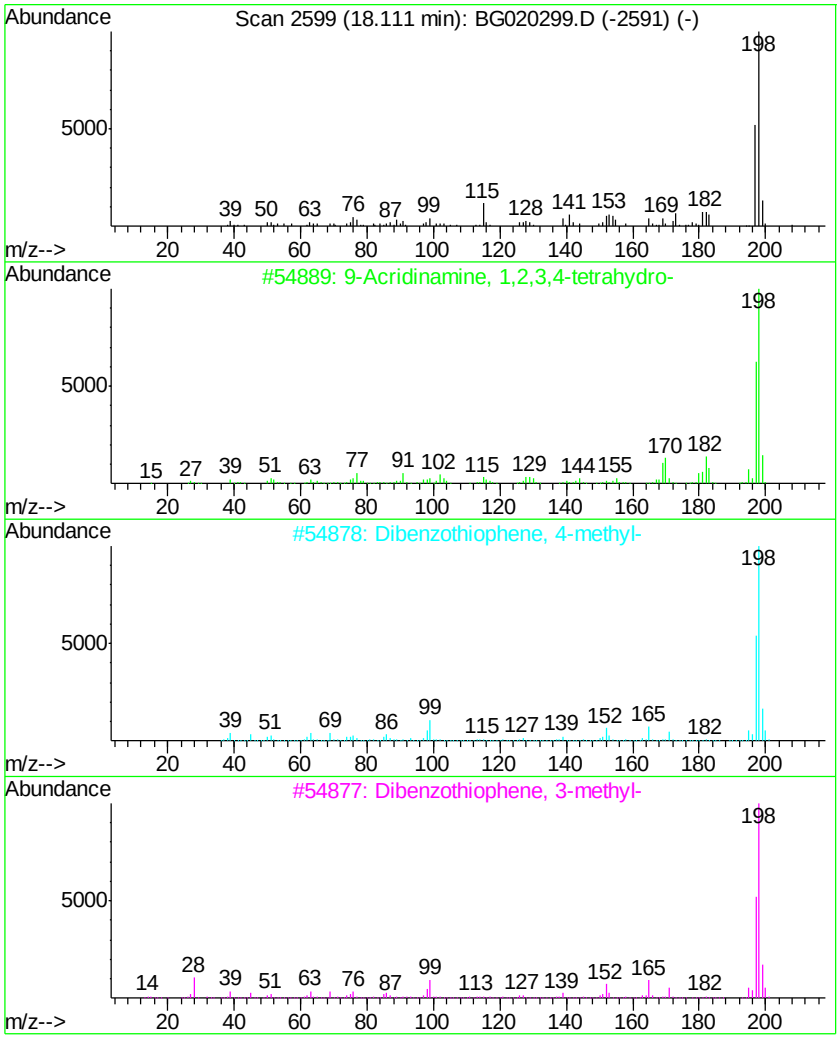
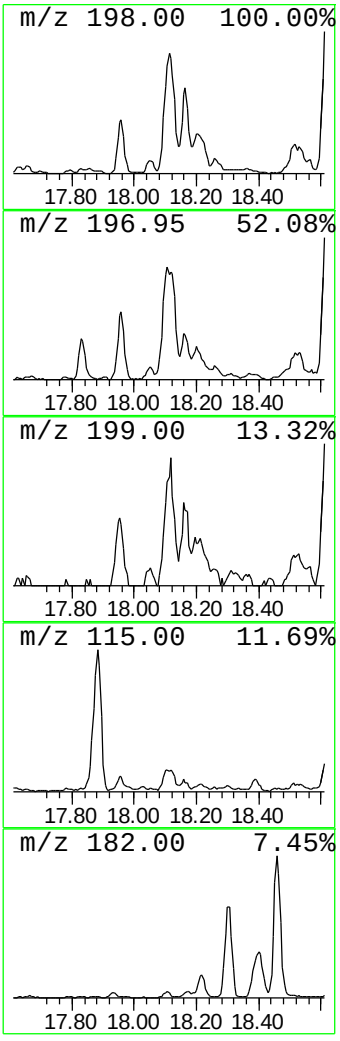
Peak Number 35 9-Acridinamine, 1,2,3,4-tet... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	8.03 ng/ul	172704	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	78
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	72
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	72
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020299.D
Acq On : 19 Dec 2015 6:48
Operator : UM/SJ
Sample : G4768-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N43

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
3-Hydroxyphenylac...	7.81	15.9	ng/ul	91447	1	8.09	115284	20.0
Indane	8.47	20.3	ng/ul	116792	1	8.09	115284	20.0
Indene	8.63	219.2	ng/ul	1263650	1	8.09	115284	20.0
Quinoline, 8-methyl-	13.19	8.0	ng/ul	90231	3	14.73	224467	20.0
Naphthalene, 2-et...	13.76	22.0	ng/ul	246970	3	14.73	224467	20.0
Naphthalene, 1,6-...	13.89	19.6	ng/ul	219658	3	14.73	224467	20.0
Naphthalene, 2,3-...	14.05	37.9	ng/ul	425597	3	14.73	224467	20.0
1-Naphthalenecarb...	14.86	88.9	ng/ul	997807	3	14.73	224467	20.0
o-Hydroxybiphenyl	15.00	24.5	ng/ul	274801	3	14.73	224467	20.0
Vinyl trans-cinna...	15.20	10.1	ng/ul	113320	3	14.73	224467	20.0
Naphthalene, 2,3,...	15.33	5.2	ng/ul	58030	3	14.73	224467	20.0
7-Methyl-1-naphthol	15.90	26.9	ng/ul	302032	3	14.73	224467	20.0
Acetamide, N-cycl...	15.93	21.3	ng/ul	239347	3	14.73	224467	20.0
unknown-01	15.98	18.8	ng/ul	210843	3	14.73	224467	20.0
1,1'-Biphenyl, 3-...	16.01	11.2	ng/ul	125085	3	14.73	224467	20.0
9H-Fluoren-9-ol	16.06	19.3	ng/ul	217032	3	14.73	224467	20.0
6H-Dibenzo[b,d]-p...	16.20	20.6	ng/ul	442607	4	17.47	430218	20.0
unknown-02	16.44	3.5	ng/ul	75435	4	17.47	430218	20.0
Anthracene, 9,10-...	16.56	8.3	ng/ul	177580	4	17.47	430218	20.0
Acetonitrile, 2-(...	16.61	4.1	ng/ul	89000	4	17.47	430218	20.0
p-Hydroxybiphenyl	16.64	8.5	ng/ul	181924	4	17.47	430218	20.0
9H-Fluorene, 3-me...	16.77	5.4	ng/ul	116189	4	17.47	430218	20.0
1-Naphthol, 6,7-d...	16.82	5.2	ng/ul	111279	4	17.47	430218	20.0
2(1H)-Quinolinone...	16.97	2.8	ng/ul	61030	4	17.47	430218	20.0
9H-Fluoren-9-one	17.12	8.7	ng/ul	187511	4	17.47	430218	20.0
2-Dibenzofuranol	17.25	7.5	ng/ul	161546	4	17.47	430218	20.0
Dibenzothiophene	17.29	17.0	ng/ul	365675	4	17.47	430218	20.0
Benzene, 1-methyl...	17.41	2.9	ng/ul	62040	4	17.47	430218	20.0
9-Acridinamine, 1...	18.11	8.0	ng/ul	172704	4	17.47	430218	20.0