LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

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-BG122415.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	3.098	38	44	53	rBV	40419	73372	1.07%	0.281%
2	3.175	53	57	67	rVB	25868	37196	0.54%	0.142%
3	7.235	740	748	754	rBV	17563	30141	0.44%	0.115%
4	7.399	768	776	785	rBV	60998	103610	1.51%	0.397%
5	7.605	805	811	823	rVV	64006	110670	1.61%	0.424%
6	7.717	825	830	836	rBB2	13512	20968	0.30%	0.080%
7	7.799	837	844	850	rBB3	4359	7684	0.11%	0.029%
8	8.075	885	891	897	rBV	64801	106028	1.54%	0.406%
9	8.451	949	955	962	rBB	38164	60323	0.88%	0.231%
10	8.615	976	983	990	rBV	170374	296589	4.31%	1.136%
11	8.786	1004	1012	1021	rBV	55754	95578	1.39%	0.366%
12	9.250	1084	1091	1102	rVB	81111	154273	2.24%	0.591%
13	9.438	1117	1123	1129	rBB	7526	12188	0.18%	0.047%
14	9.567	1137	1145	1151	rBV2	20138	42718	0.62%	0.164%
15	9.626	1151	1155	1162	rVB2	5699	9195	0.13%	0.035%
16	9.973	1208	1214	1223	rBB	75944	131271	1.91%	0.503%
17	10.131	1237	1241	1247	rBB2	7308	11193	0.16%	0.043%
18	10.284	1261	1267	1269	rBV2	16793	26793	0.39%	0.103%
19	10.384	1278	1284	1289	rBV4	13730	29084	0.42%	0.111%
20	10.519	1298	1307	1315	rBV2	117887	212624	3.09%	0.814%
21	10.901	1362	1372	1374	rBV	79599	144783	2.10%	0.554%
22	10.972	1374	1384	1394	rVV	3150655	6881678	100.00%	26.354%
23	11.071	1394	1401	1409	rVB	157152	270398	3.93%	1.035%
24	12.200	1589	1593	1602	rBB	6588	9796	0.14%	0.038%
25	12.446	1629	1635	1644	rBB	20644	36314	0.53%	0.139%
26	12.552	1644	1653	1664	rBV	964984	1616711	23.49%	6.191%
27	12.664	1664	1672	1678	rVV2	29669	53313	0.77%	0.204%
28	12.769	1678	1690	1700	rVB	559351	946988	13.76%	3.627%
29	13.257	1768	1773	1778	rBB	4224	6975	0.10%	0.027%
30	13.545	1815	1822	1829	rBV	278648	416937	6.06%	1.597%
31	13.739	1850	1855	1865	rVB	43261	82300	1.20%	0.315%
32	13.886	1869	1880	1888	rBV3	43453	118254	1.72%	0.453%
33	14.033	1898	1905	1910	rBV	83580	152415	2.21%	0.584%
34	14.115	1910	1919	1924	rVB	239024	418925	6.09%	1.604%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

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-BG122415.M
Title : SVOA CALIBRATION

35	14.268	1939	1945	1949	rBV	33357	52812	0.77%	0.202%
36	14.297	1949	1950	1955	rVB2	12244	13806	0.20%	0.053%
37	14.409	1962	1969	1972	rBV	258639	433355	6.30%	1.660%
38	14.679	2009	2015	2017	rBV	40921	57953	0.84%	0.222%
39	14.714	2017	2021	2026	rVV2	166059	270122	3.93%	1.034%
40	14.785	2026	2033	2039	rVV	1477121	2306423	33.52%	8.832%
41	14.843	2039	2043	2051	rVB	114175	177263	2.58%	0.679%
42	14.914	2051	2055	2064	rBV3	17524	29702	0.43%	0.114%
43	15.020	2068	2073	2078	rVB	21520	30679	0.45%	0.117%
44	15.114	2082	2089	2098	rBV	769320	1219795	17.73%	4.671%
45	15.313	2118	2123	2130	rBV3	6914	11940	0.17%	0.046%
46	15.390	2130	2136	2145	rVB4	4216	10492	0.15%	0.040%
47	15.701	2183	2189	2194	rVV	347907	549783	7.99%	2.105%
48	15.760	2194	2199	2205	rVV	797456	1190730	17.30%	4.560%
49	15.825	2205	2210	2216	rVV2	101911	171797	2.50%	0.658%
50	15.883	2216	2220	2223	rVV	32650	53995	0.78%	0.207%
51	15.919	2223	2226	2232	rVV2	41630	72470	1.05%	0.278%
52	15.966	2232	2234	2238	rVV4	12641	19216	0.28%	0.074%
53	16.007	2238	2241	2244	rVV	20078	28662	0.42%	0.110%
54	16.048	2244	2248	2254	rVB	37552	52135	0.76%	0.200%
55	16.195	2259	2273	2282	rVV3	43445	97222	1.41%	0.372%
56	16.289	2284	2289	2294	rVB	5294	7724	0.11%	0.030%
57	16.424	2308	2312	2320	rVB4	7025	12348	0.18%	0.047%
58	16.547	2327	2333	2340	rBV	46973	67796	0.99%	0.260%
59	16.630	2340	2347	2356	rVB3	4649	10561	0.15%	0.040%
60	16.718	2356	2362	2365	rBV3	11209	20821	0.30%	0.080%
61	16.759	2365	2369	2374	rVB	17109	27140	0.39%	0.104%
62	16.806	2374	2377	2384	rVB4	6092	8769	0.13%	0.034%
63	16.912	2388	2395	2399	rBV2	8369	13218	0.19%	0.051%
64	17.111	2418	2429	2437	rVB	15000	27638	0.40%	0.106%
65	17.276	2452	2457	2465	rVB	86027	125559	1.82%	0.481%
66	17.458	2482	2488	2491	rBV	236327	363322	5.28%	1.391%
67	17.505	2491	2496	2501	rVB	935667	1391293	20.22%	5.328%
68	17.558	2501	2505	2510	rBV2	413143	583014	8.47%	2.233%
69	17.652	2516	2521	2530	rVB6	7122	12903	0.19%	0.049%
70	17.863	2551	2557	2565	rVB	335586	493728	7.17%	1.891%
71	17.969	2569	2575	2580	rBV5	9363	19750	0.29%	0.076%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

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-BG122415.M
Title : SVOA CALIBRATION

72	18.016	2580	2583	2588	rVB	5717	7240	0.11%	0.028%
73	18.334	2632	2637	2640	rVV	14287	21350	0.31%	0.082%
74	18.375	2640	2644	2653	rVB2	70421	105042	1.53%	0.402%
75	18.457	2653	2658	2663	rVB4	5296	9401	0.14%	0.036%
76	18.527	2663	2670	2680	rBV2	52425	92656	1.35%	0.355%
77	18.627	2680	2687	2691	rBV2	28337	43650	0.63%	0.167%
78	18.674	2691	2695	2699	rVV	42381	58079	0.84%	0.222%
79	18.768	2704	2711	2716	rVV2	31249	49347	0.72%	0.189%
80	18.821	2716	2720	2724	rVV2	9316	14603	0.21%	0.056%
81	18.868	2724	2728	2733	rVV	33531	47932	0.70%	0.184%
82	19.227	2780	2789	2793	rBV7	2603	7075	0.10%	0.027%
83	19.350	2801	2810	2813	rBV5	5114	12984	0.19%	0.050%
84	19.385	2813	2816	2823	rVB2	5023	8312	0.12%	0.032%
85	19.503	2828	2836	2844	rVB	107704	163551	2.38%	0.626%
86	19.702	2864	2870	2873	rBV4	5846	9837	0.14%	0.038%
87	19.843	2887	2894	2912	rVV2	523863	857462	12.46%	3.284%
88	20.243	2955	2962	2969	rBV	47026	63593	0.92%	0.244%
89	20.731	3038	3045	3050	rVB6	4301	7669	0.11%	0.029%
90	21.735	3208	3216	3224	rBV	288996	501275	7.28%	1.920%
91	22.153	3282	3287	3293	rBV	8731	15248	0.22%	0.058%
92	23.210	3461	3467	3471	rBV4	3996	8740	0.13%	0.033%
93	24.021	3600	3605	3612	rVB5	4562	9702	0.14%	0.037%
94	24.779	3722	3734	3747	rBV	270639	765240	11.12%	2.931%
95	25.002	3760	3772	3788	rBV2	150598	445870	6.48%	1.707%
96	26.113	3955	3961	3970	rBV4	5842	15084	0.22%	0.058%
97	27.487	4188	4195	4196	rBV6	4795	8777	0.13%	0.034%

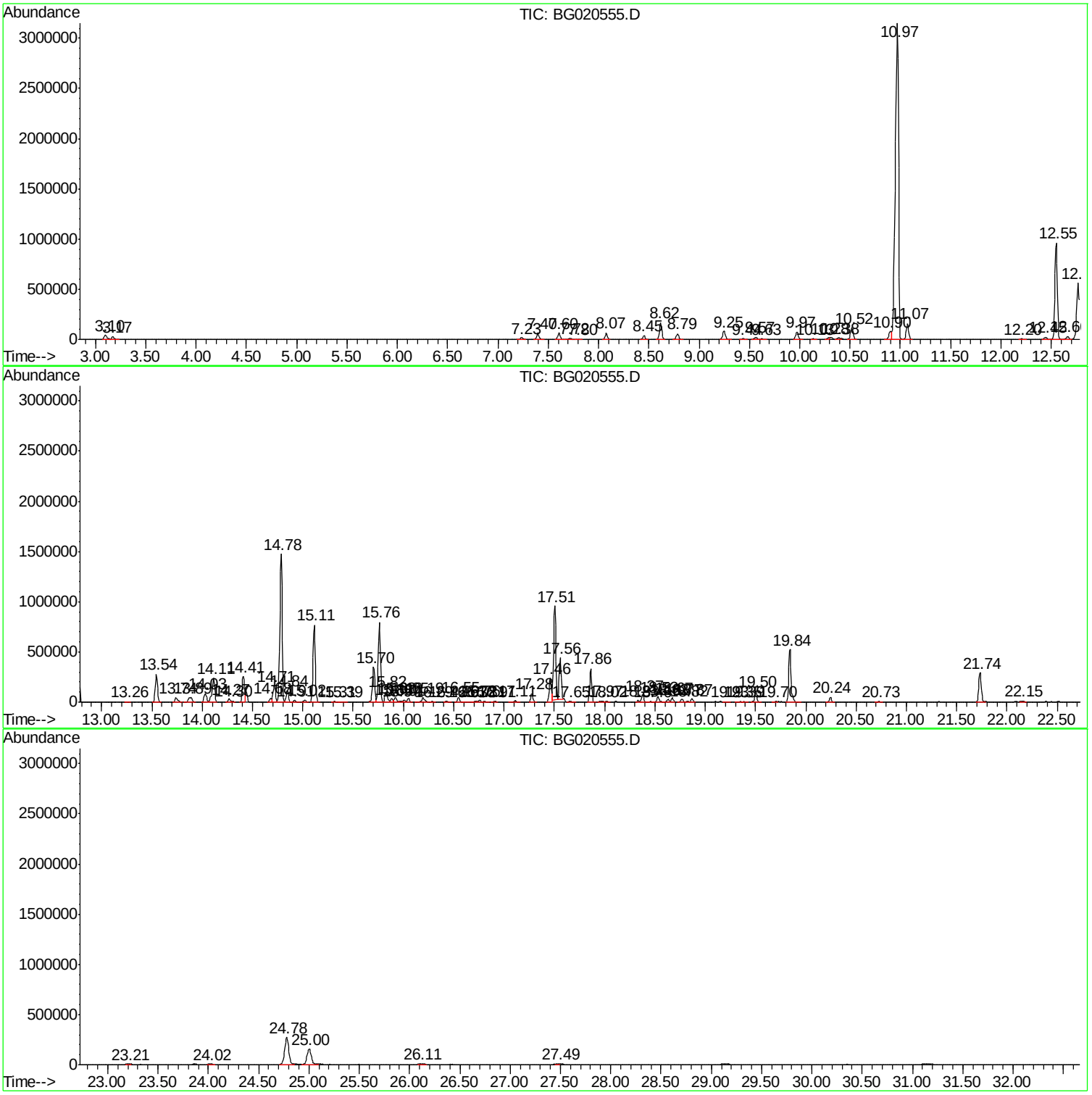
Sum of corrected areas: 26112940

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

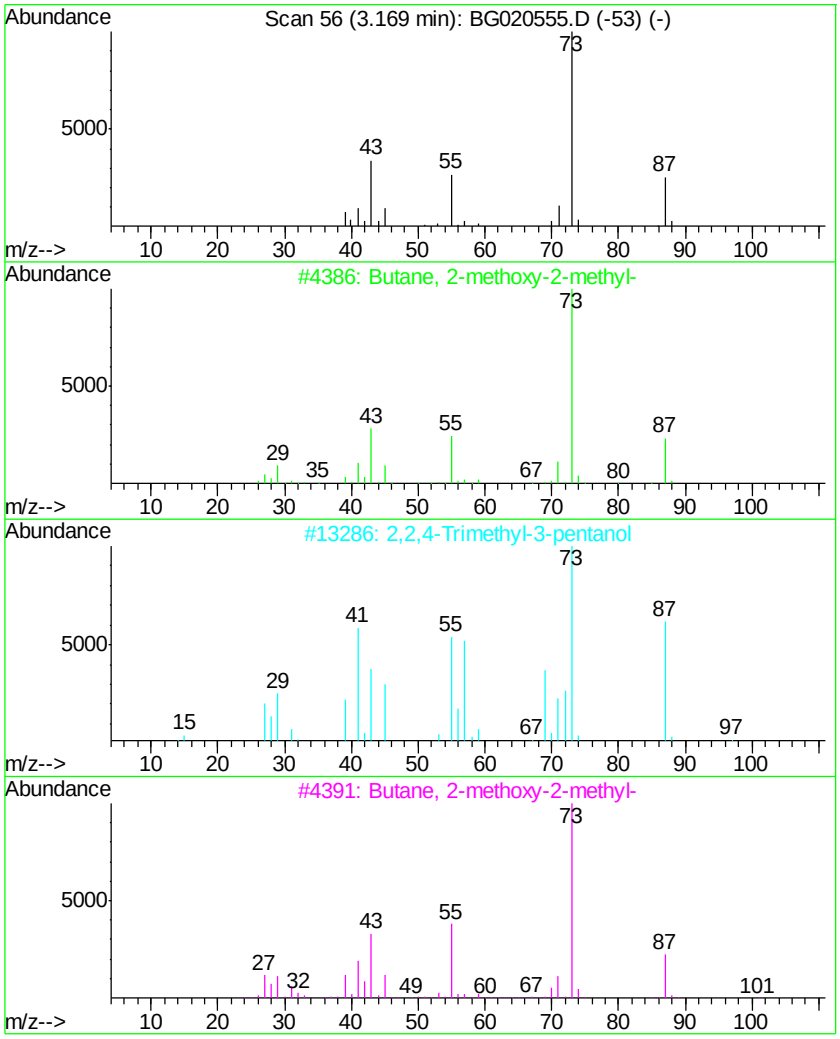
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

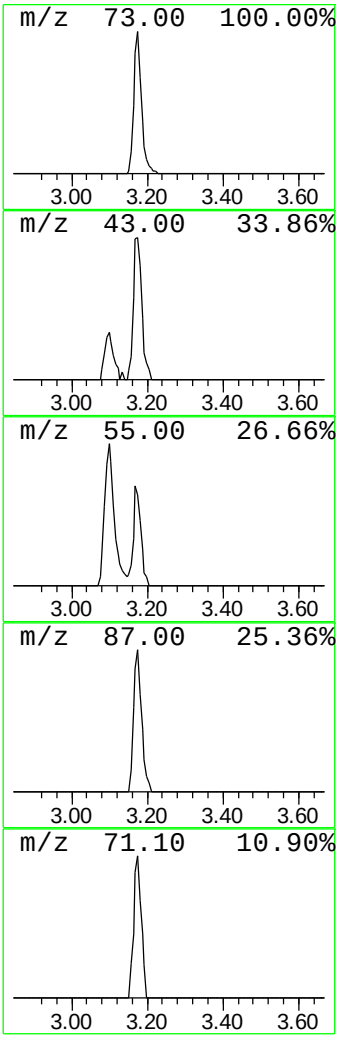
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	7.02 ng/ul	37196	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

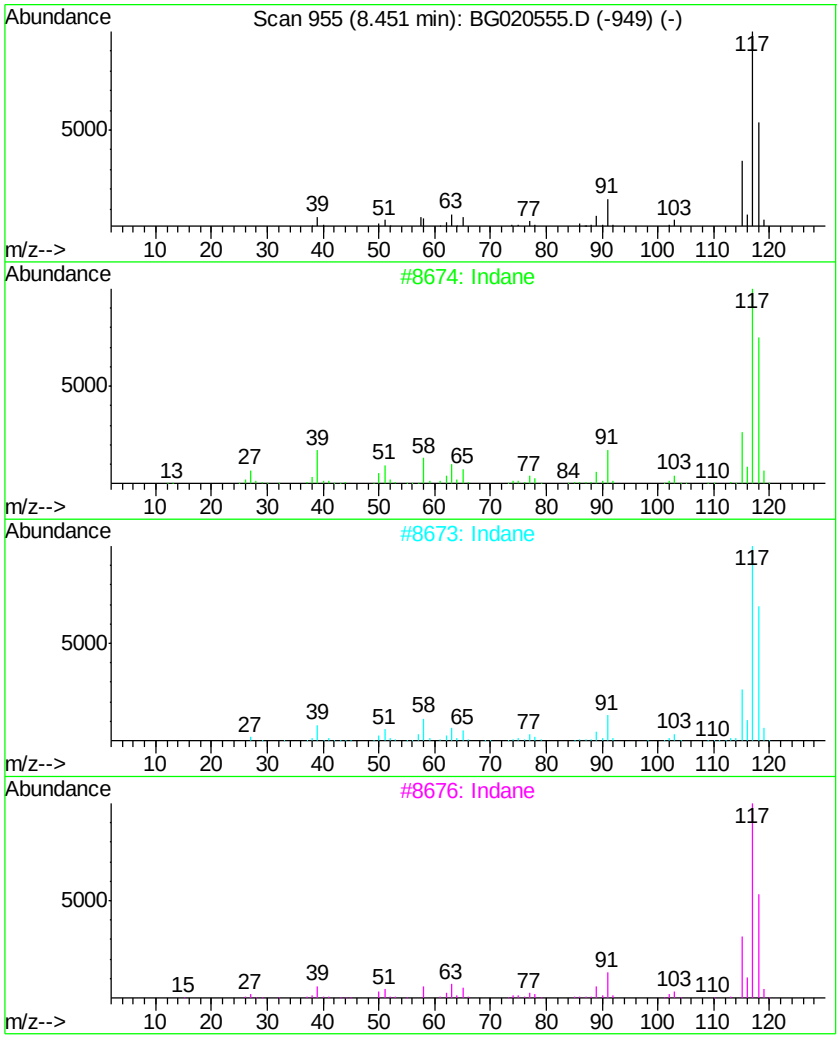
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

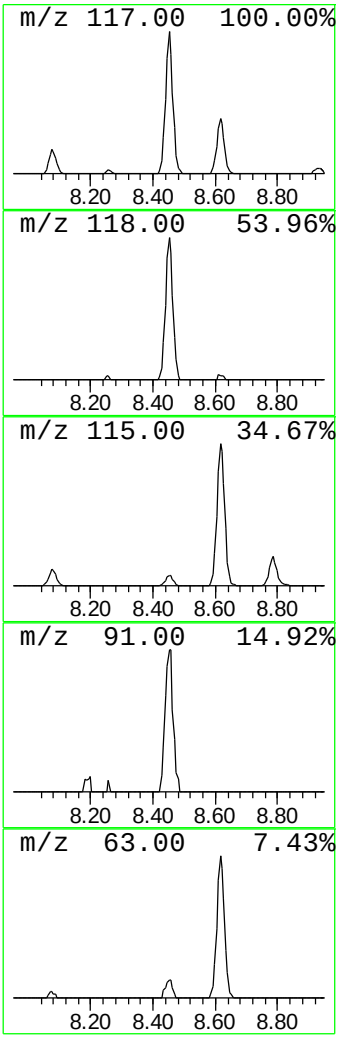
****

Peak Number 4 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	11.38 ng/ul	60323	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

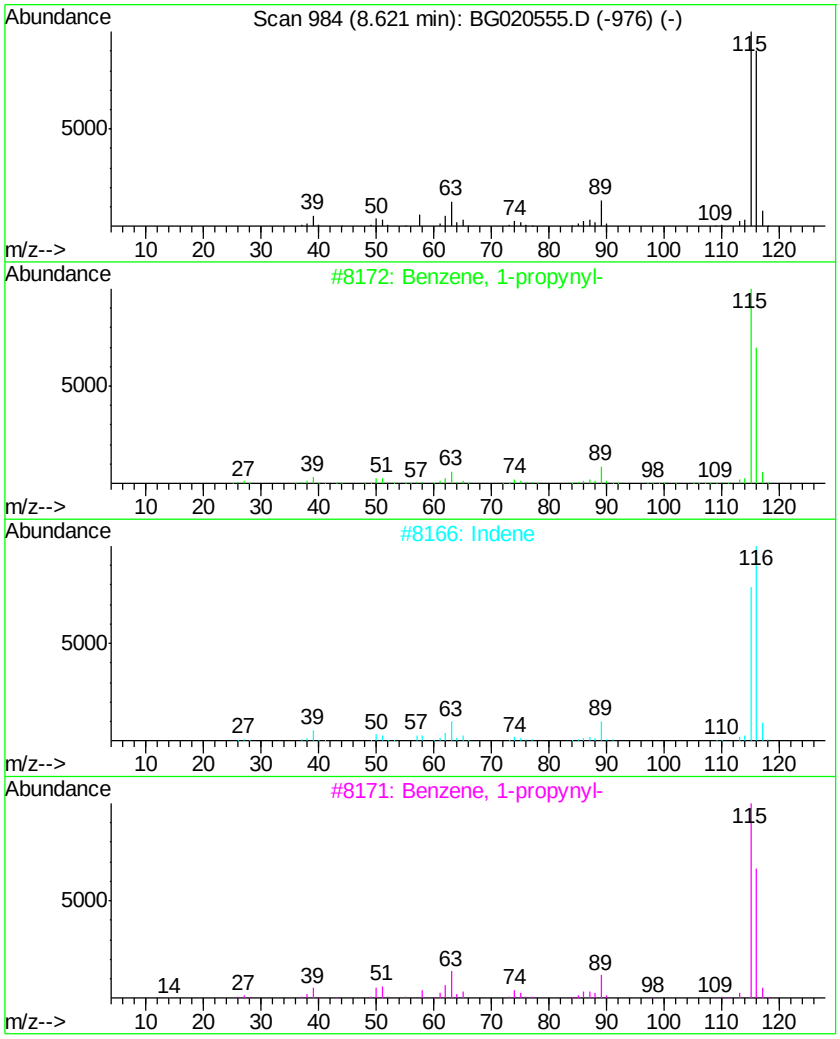
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

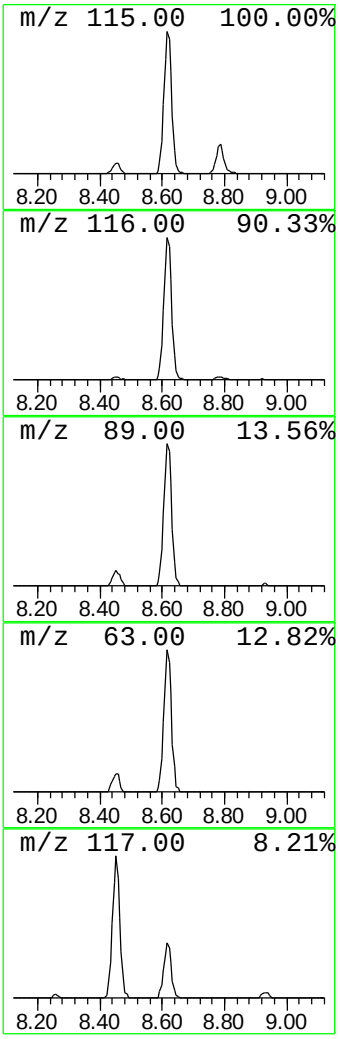
****

Peak Number 5 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	55.95 ng/ul	296589	1,4-Dichlorobenzene-d4	8.08

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

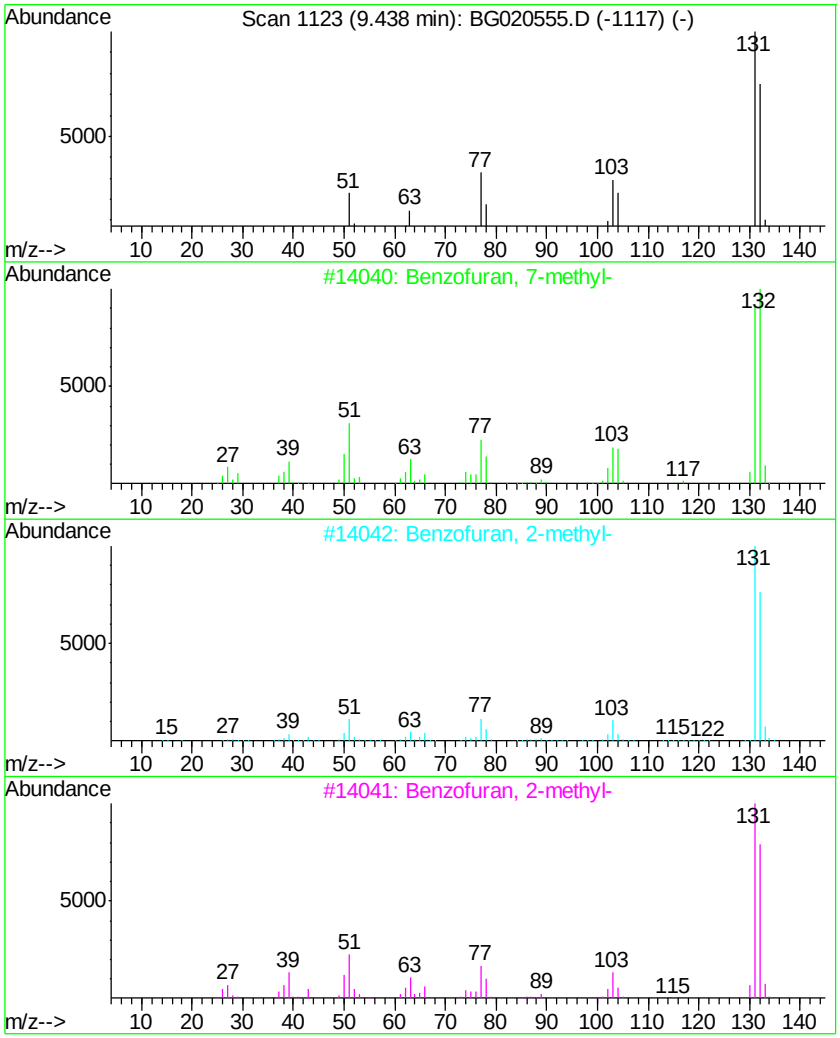
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

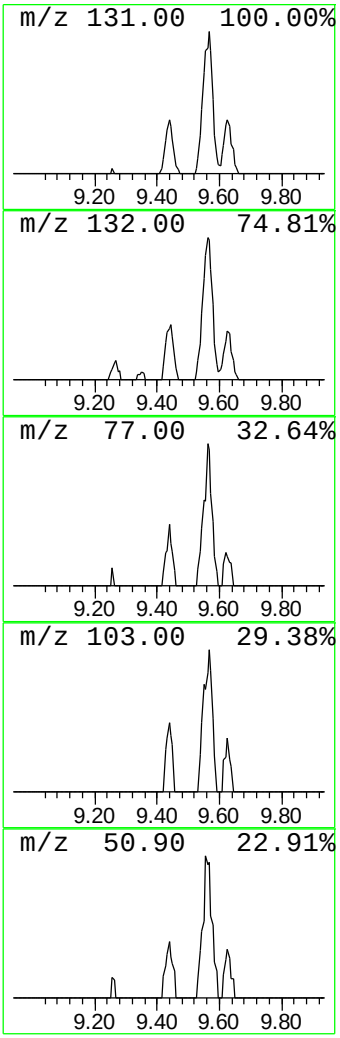
****

Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	2.30 ng/ul	12188	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

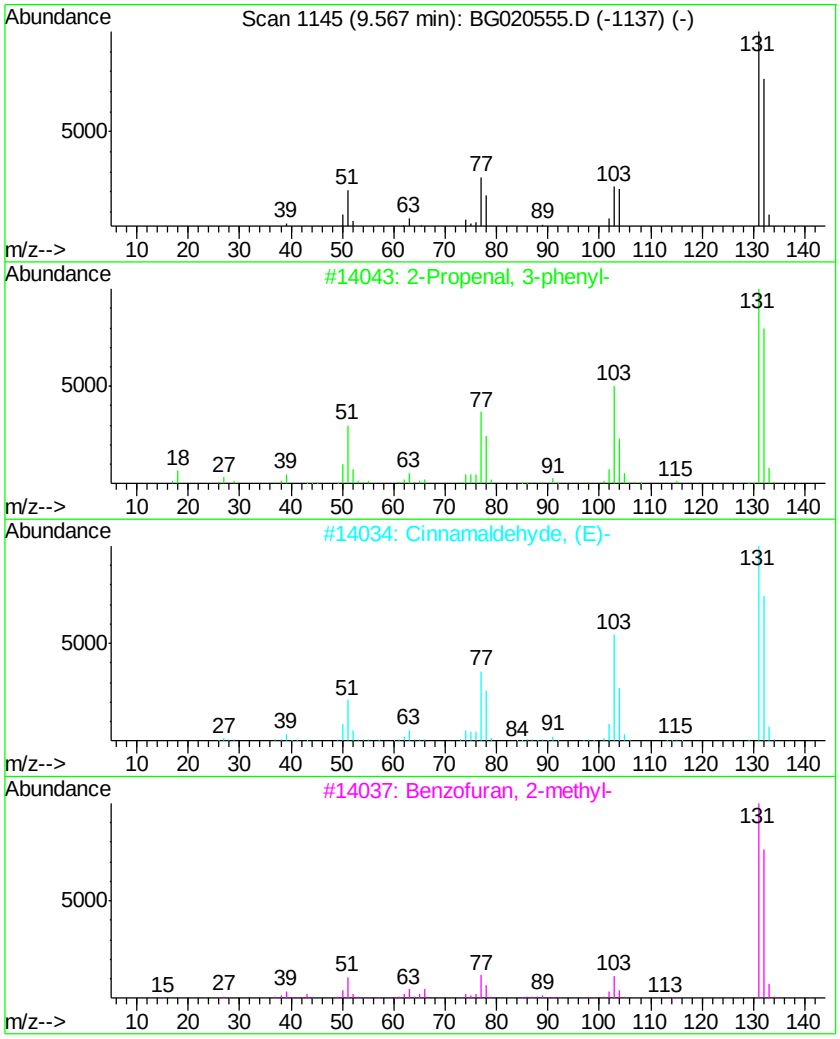
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

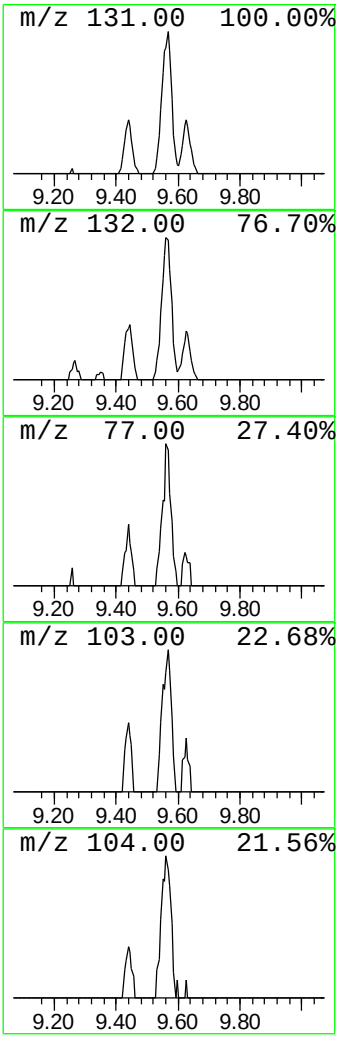
****

Peak Number 7 2-Propenal, 3-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	5.90 ng/ul	42718	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

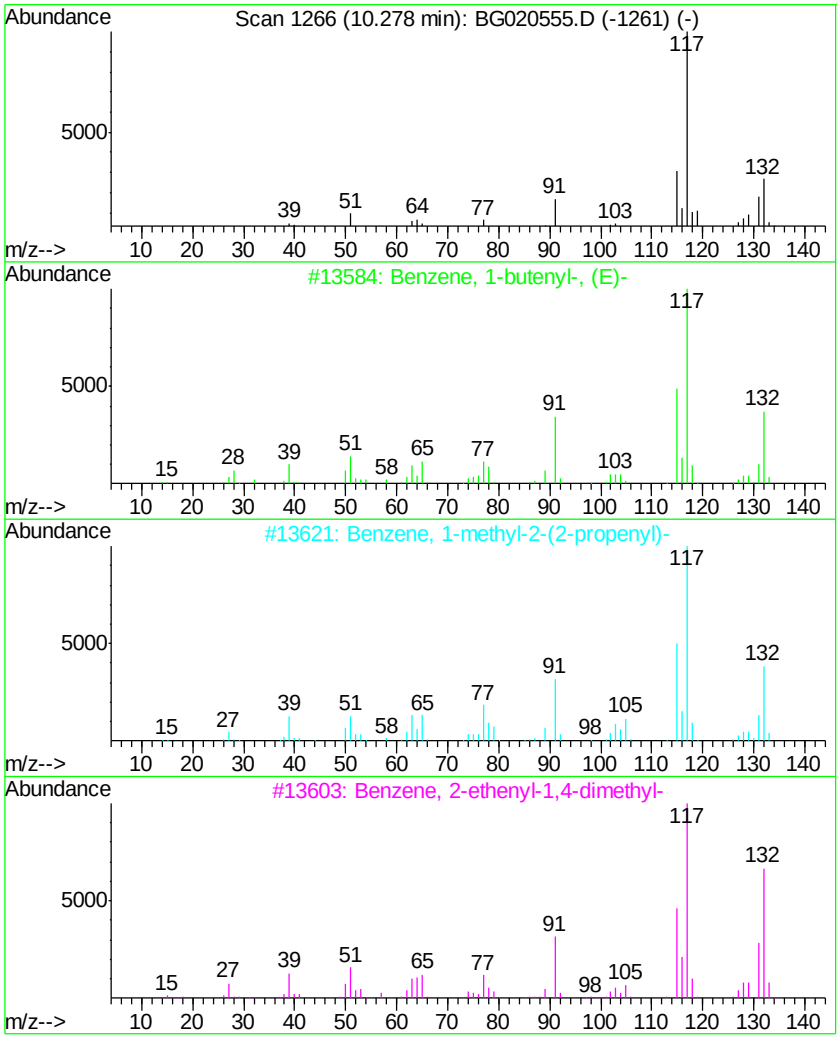
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

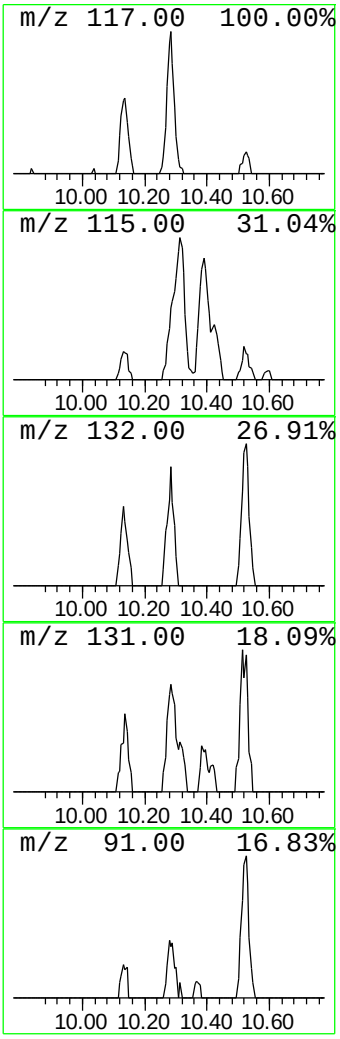
****

Peak Number 8 Benzene, 1-butenyl-, (E)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	3.70 ng/ul	26793	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	76
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	68
4	Indan, 1-methyl-	132	C10H12	000767-58-8	58
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

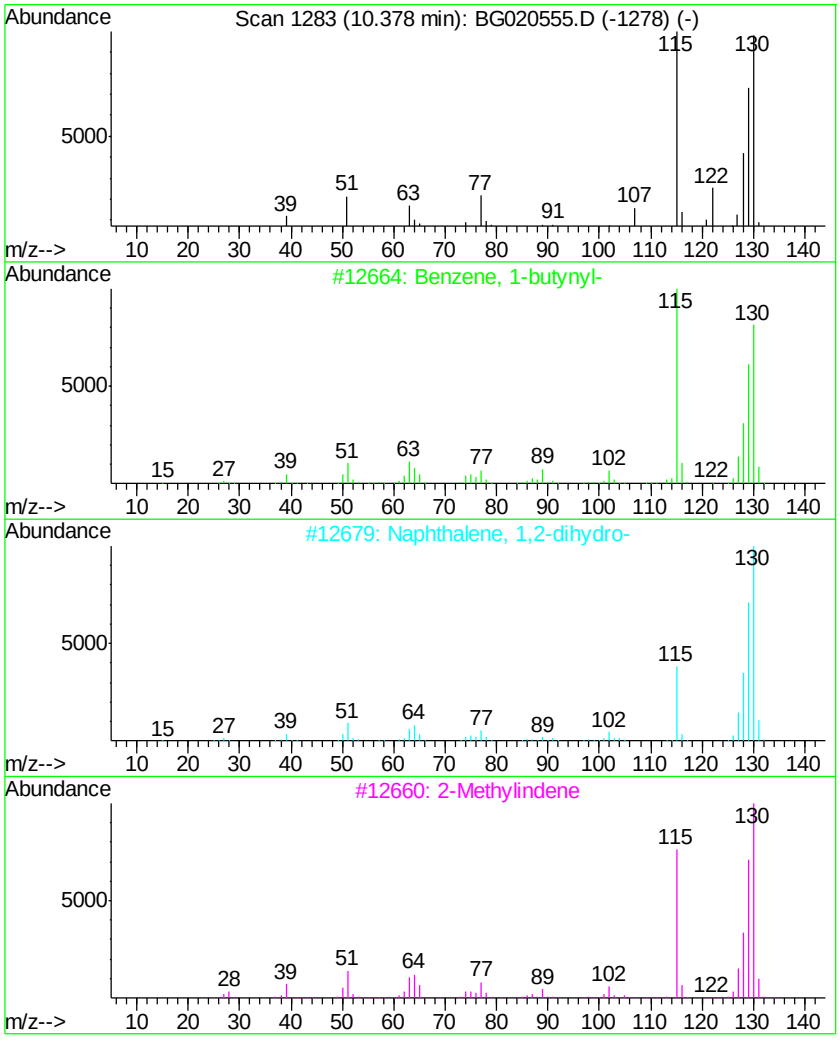
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

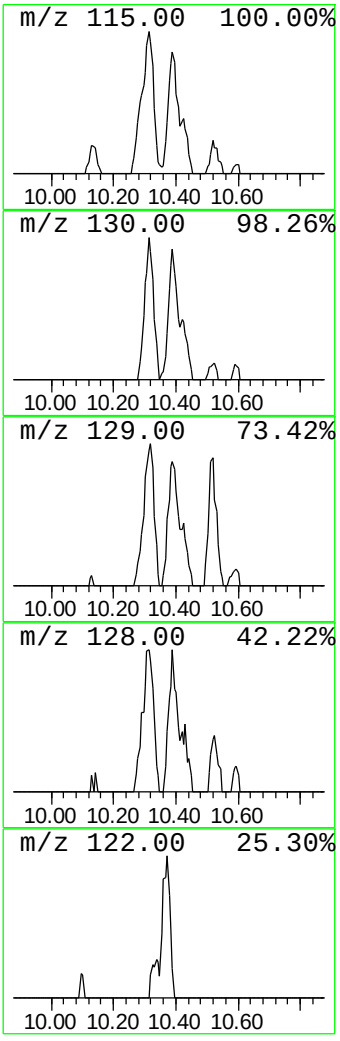
****

Peak Number 9 Benzene, 1-butynyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	4.02 ng/ul	29084	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
2	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
3	2-Methylindene	130	C10H10	002177-47-1	91
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

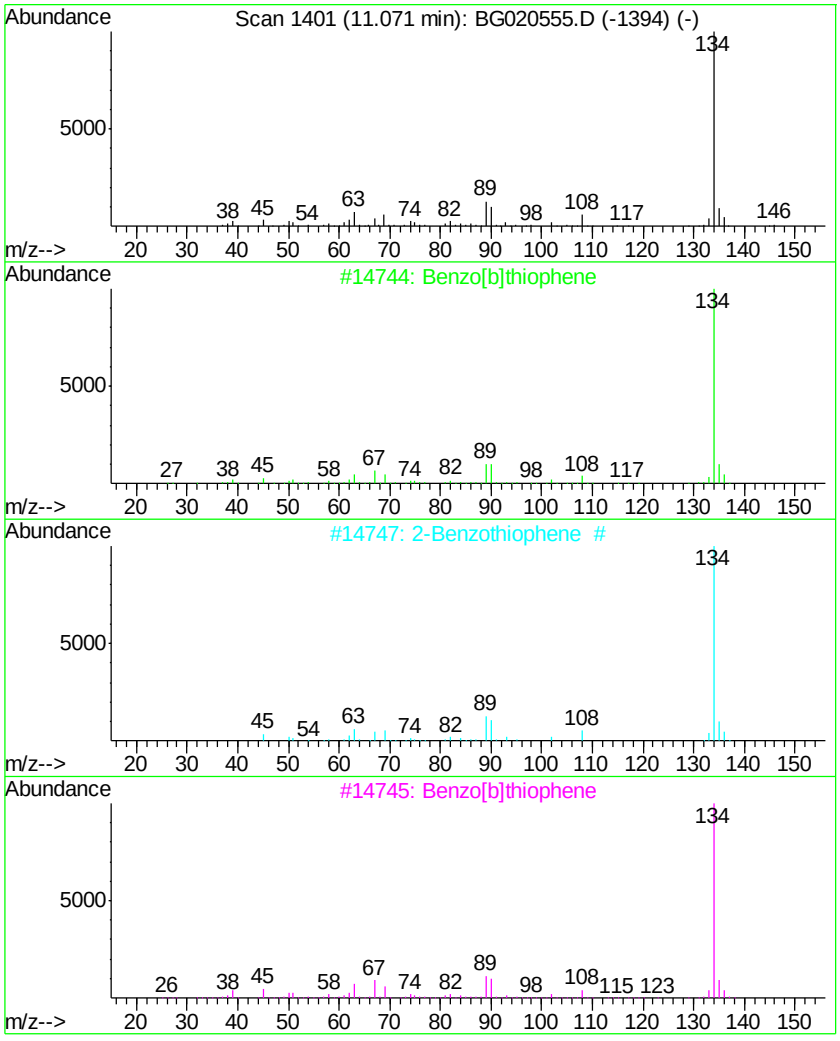
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

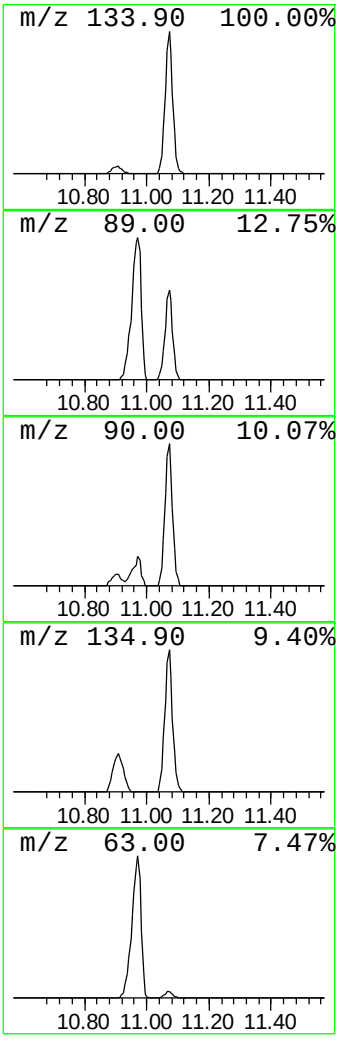
****

Peak Number 10 Benzo[b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	37.35 ng/ul	270398	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2	2-Benzothiophene #	134	C8H6S	000270-82-6	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

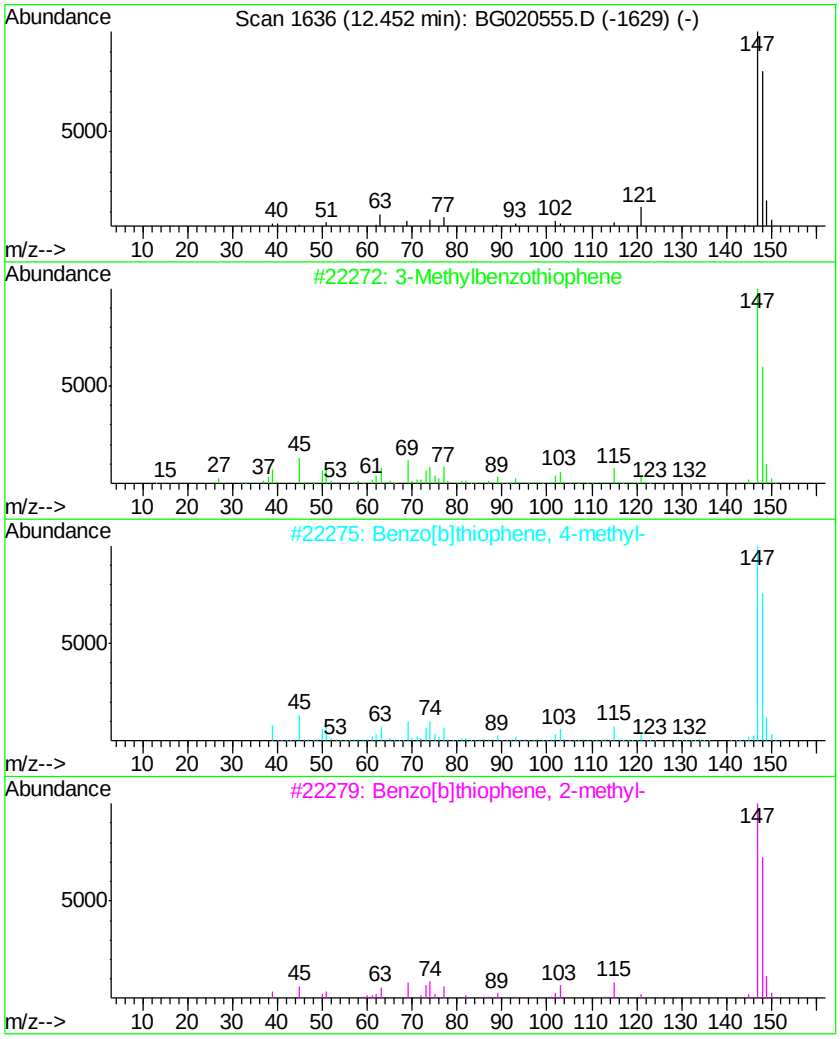
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

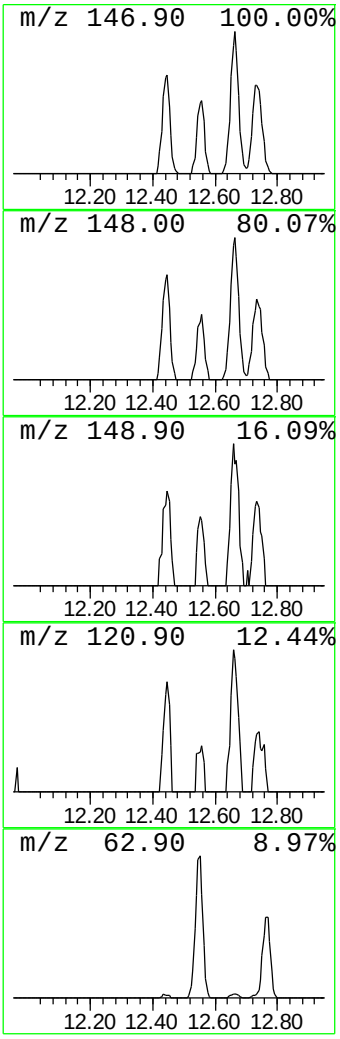
****

Peak Number 11 3-Methylbenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	5.02 ng/ul	36314	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
5	Pyridine, 4-(1-pyrrolidinyl)-	148	C9H12N2	002456-81-7	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

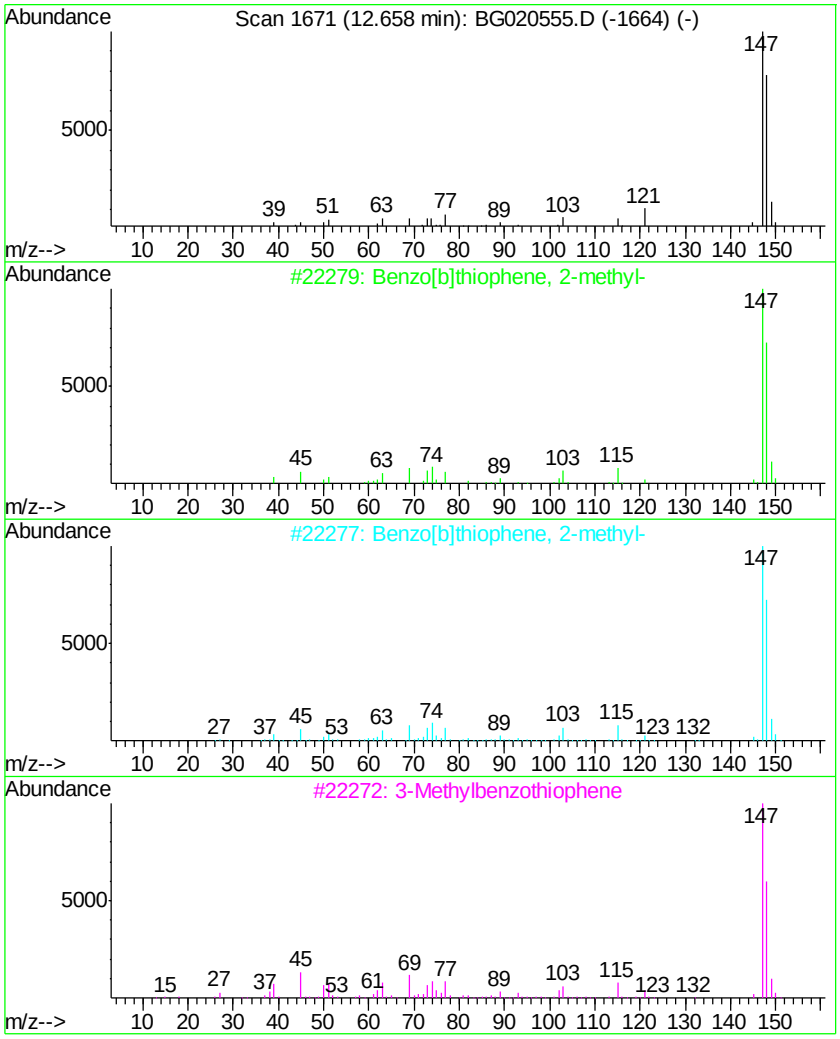
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

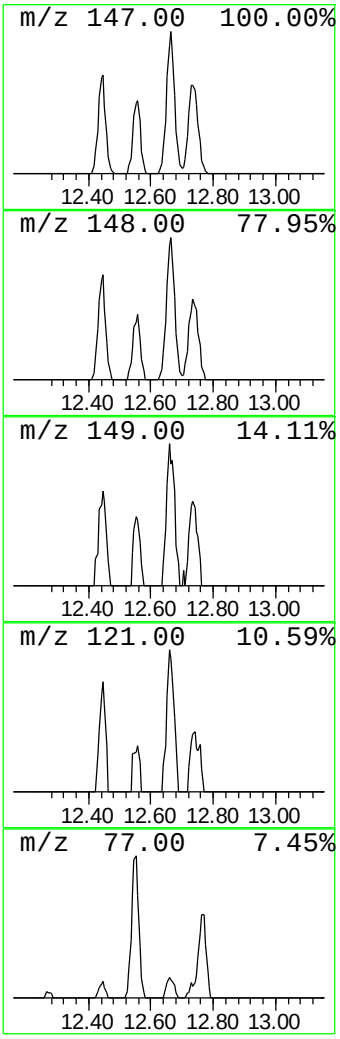
****

Peak Number 12 Benzo[b]thiophene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	7.36 ng/ul	53313	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

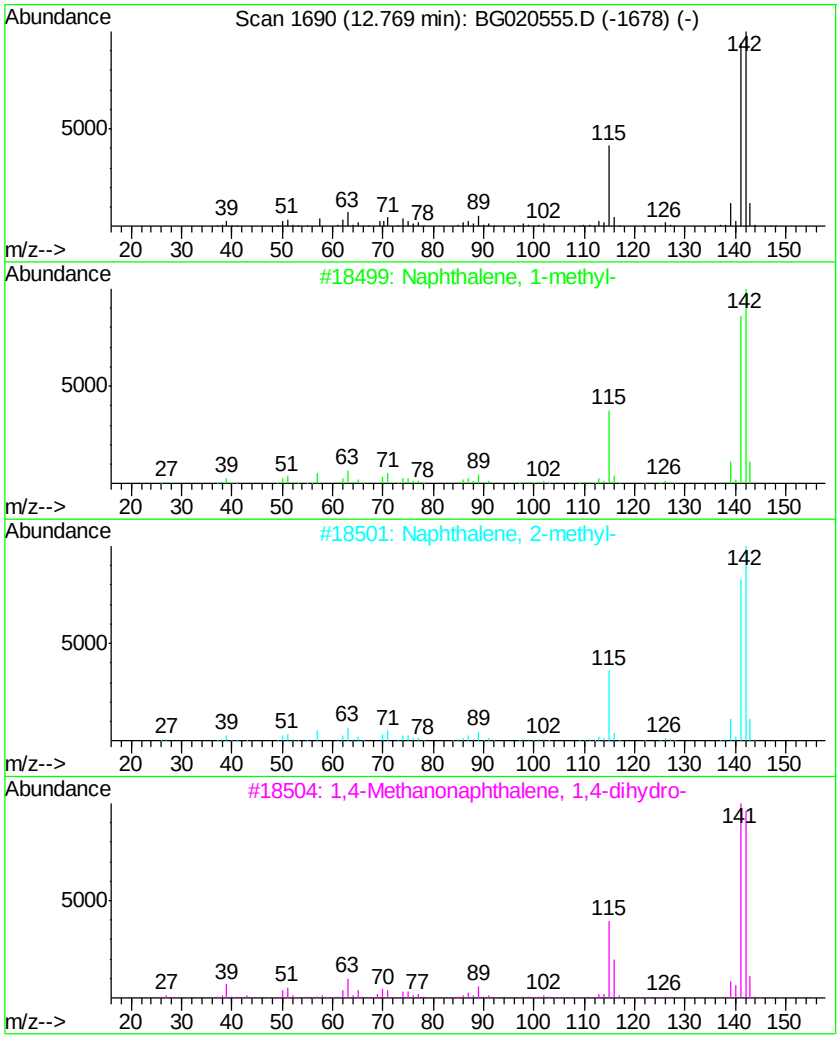
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

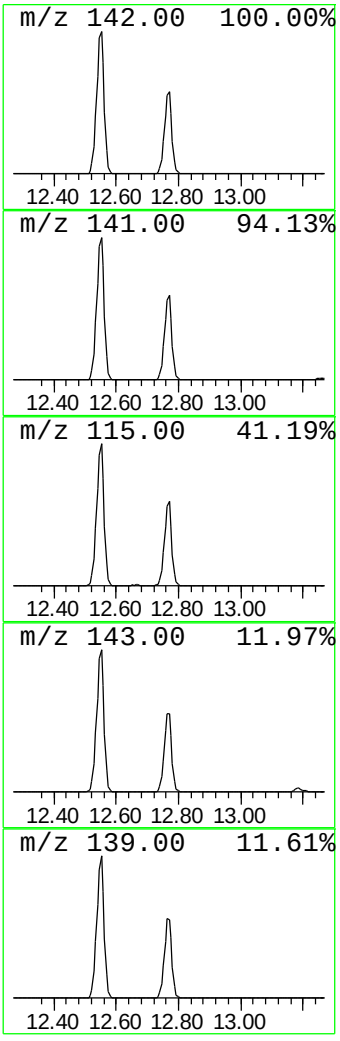
****

Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	130.82 ng/ul	946988	Naphthalene-d8	10.90

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

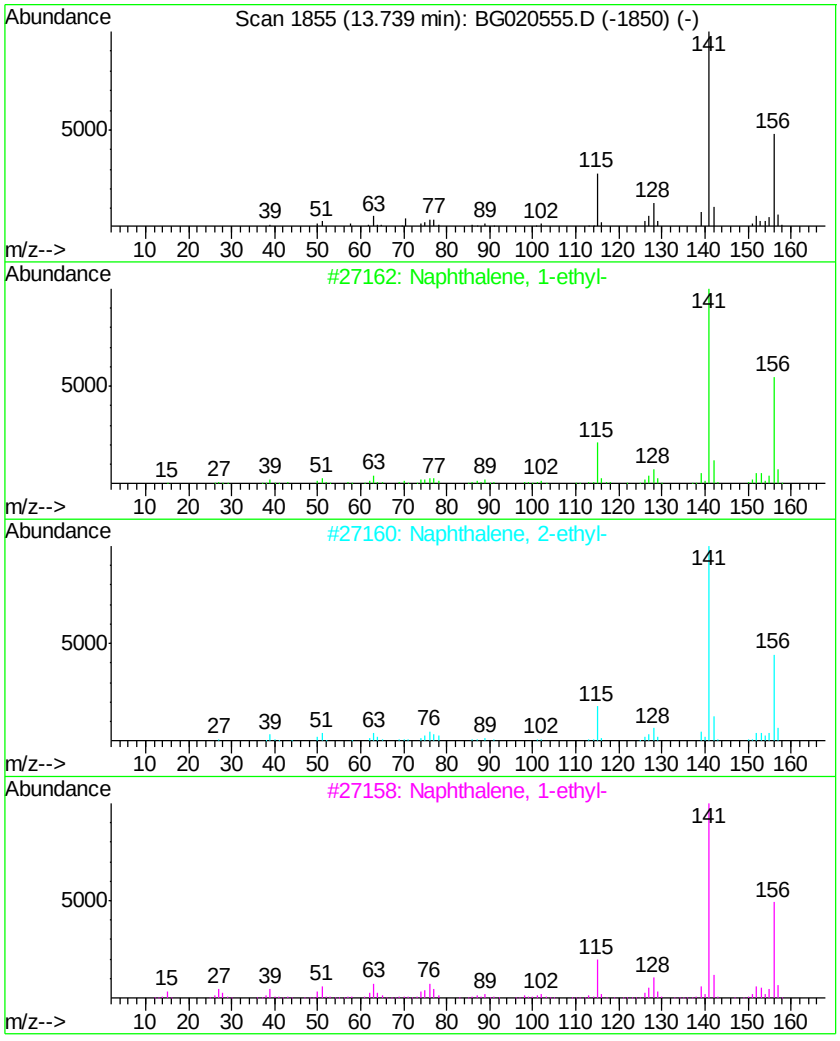
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

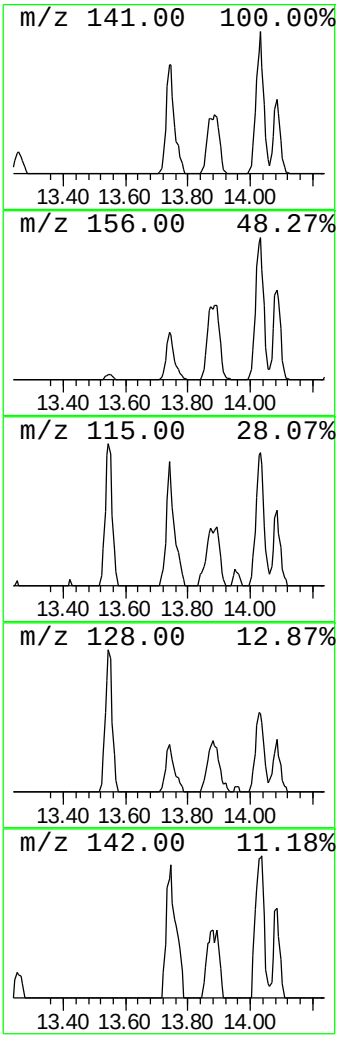
****

Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	6.09 ng/ul	82300	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

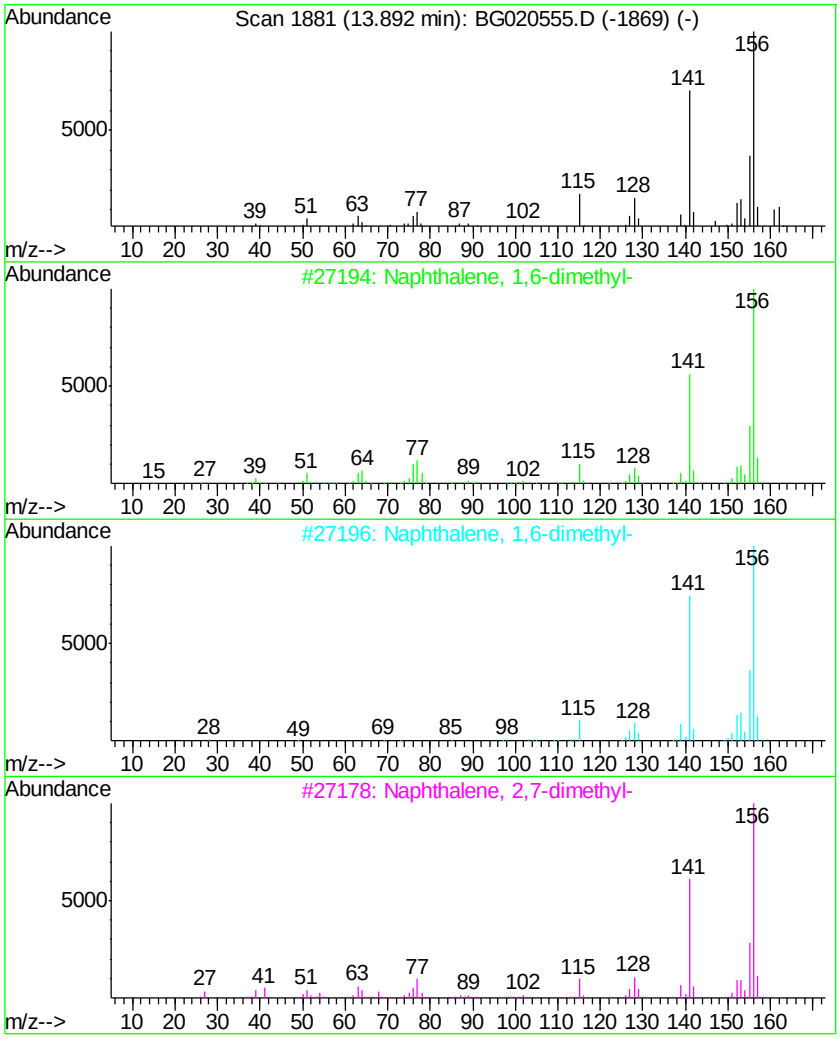
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

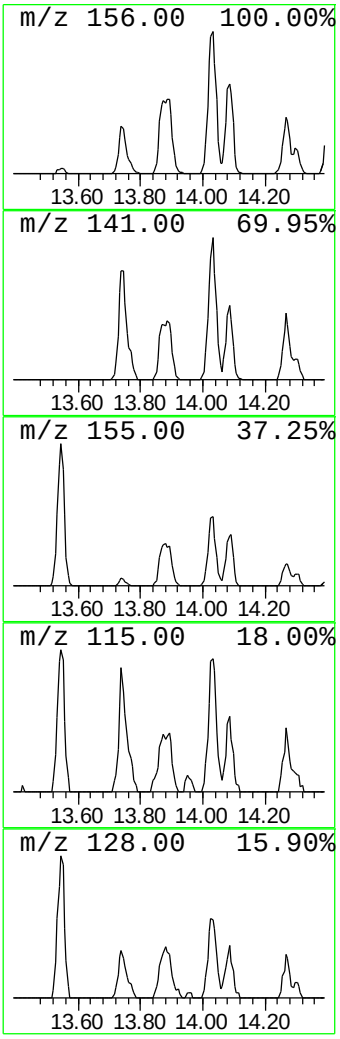
****

Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	8.76 ng/ul	118254	Acenaphthene-d10	14.71

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

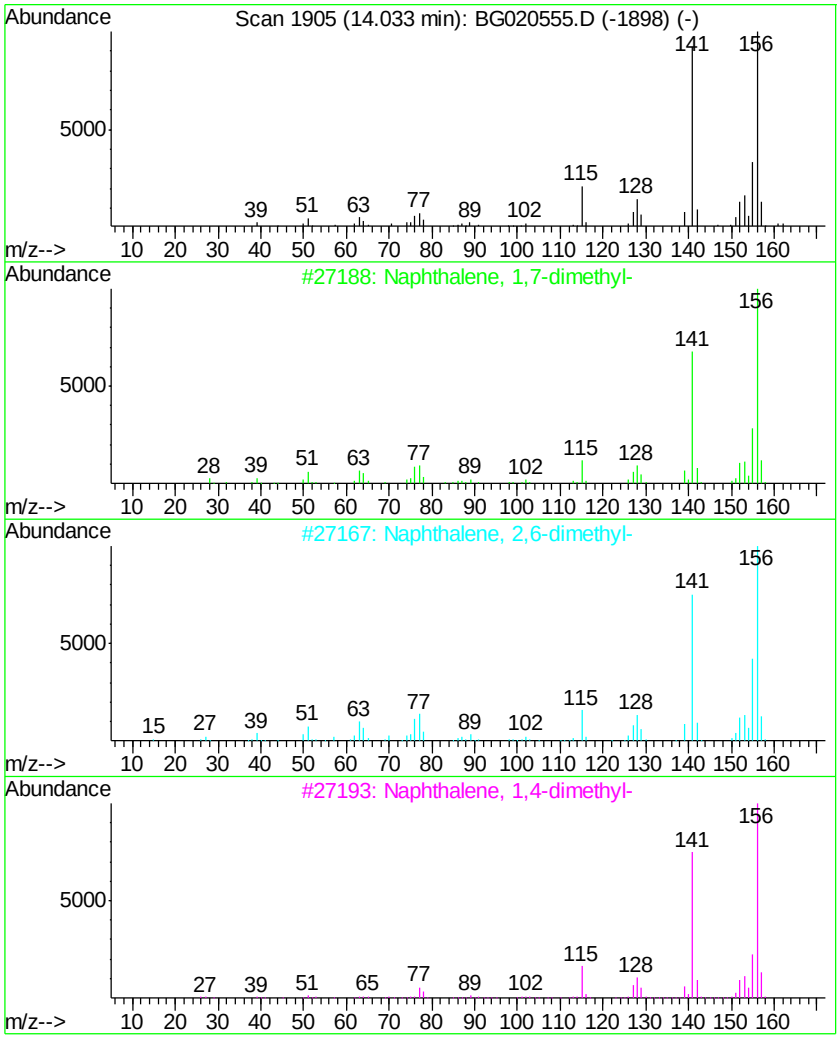
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

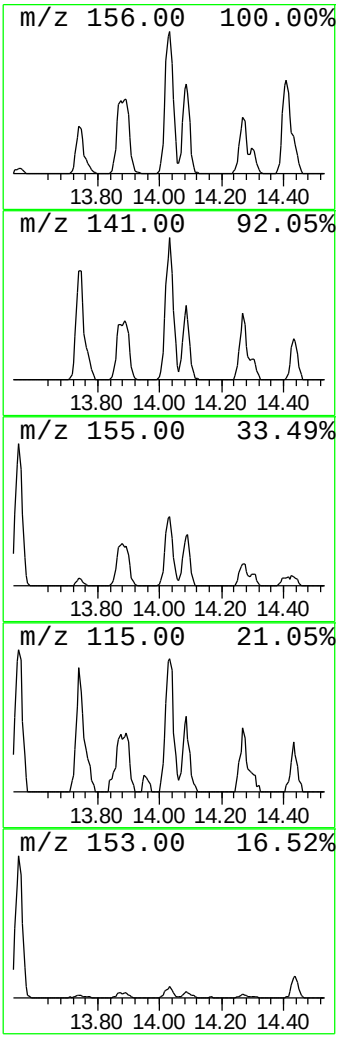
****

Peak Number 16 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	11.28 ng/ul	152415	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

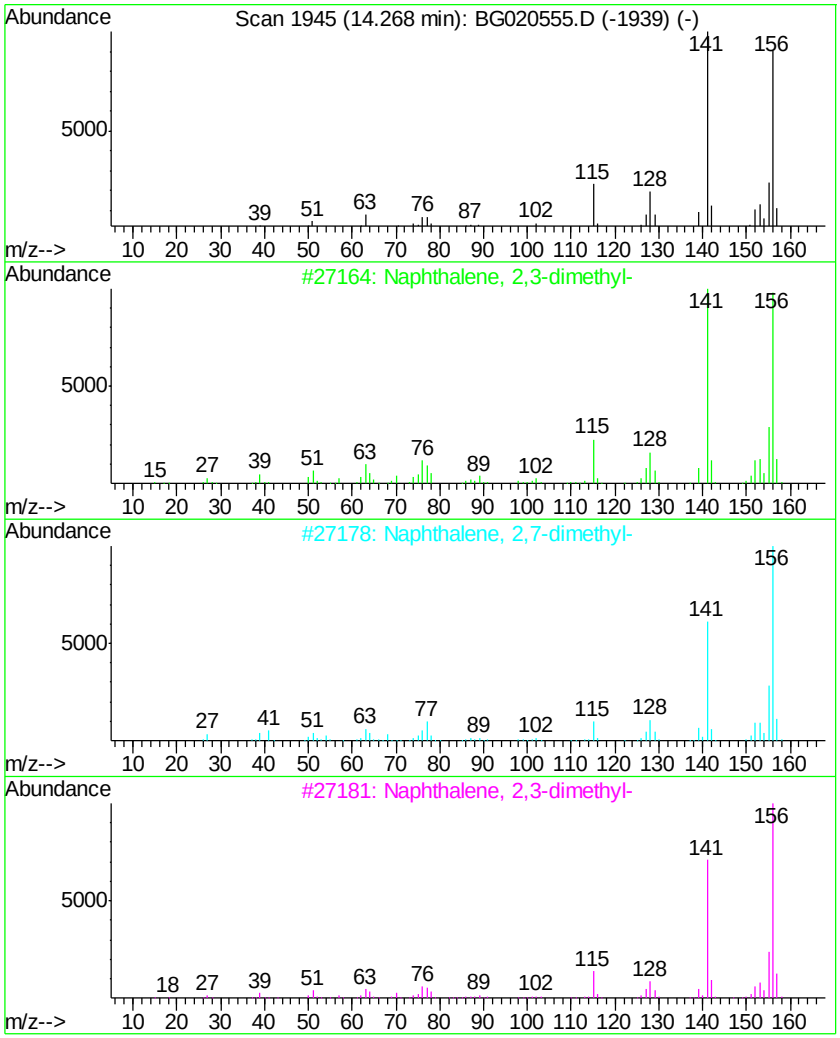
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

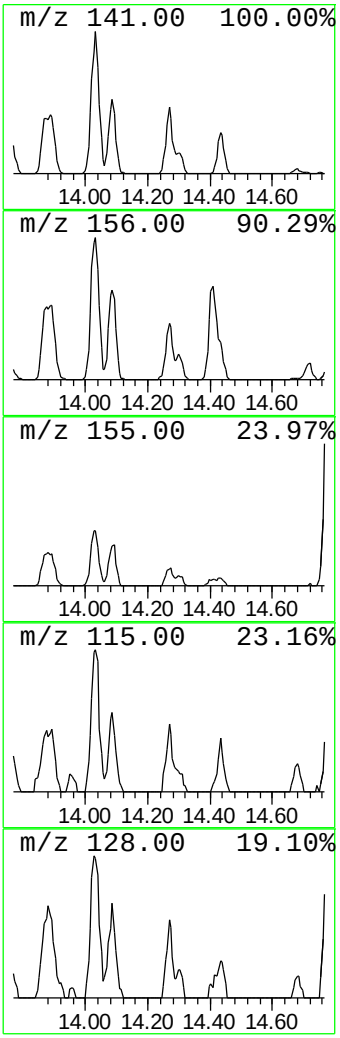
****

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	3.91 ng/ul	52812	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

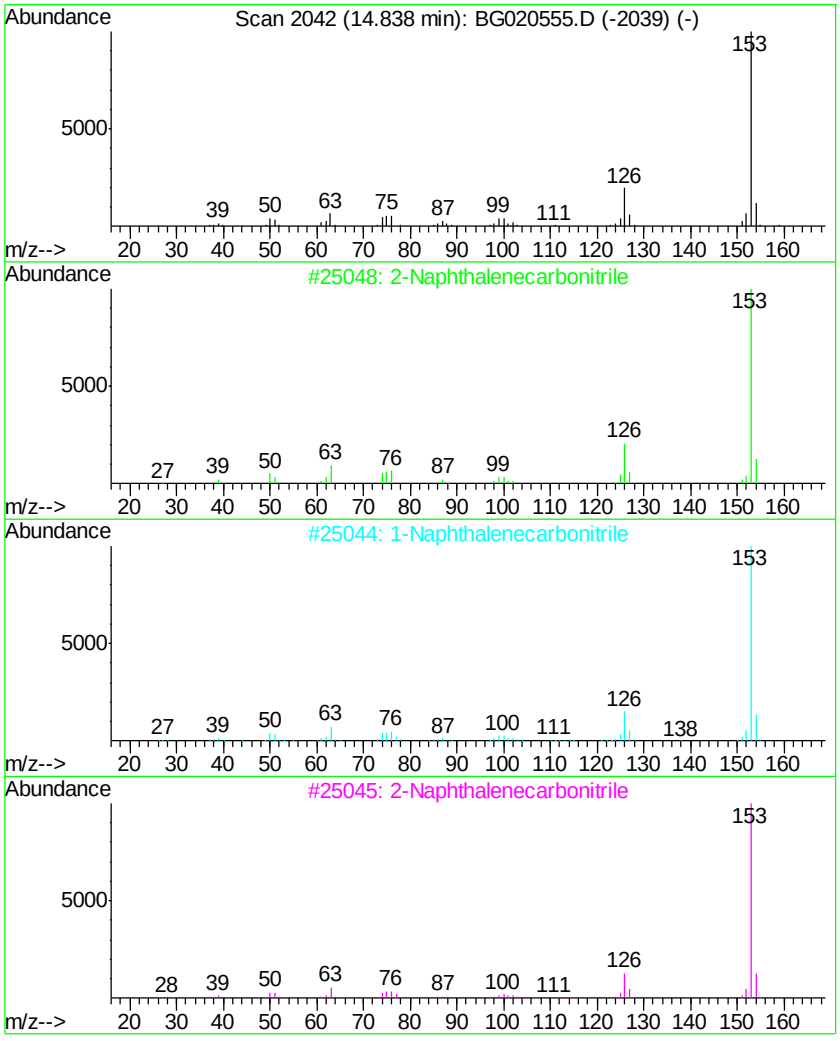
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

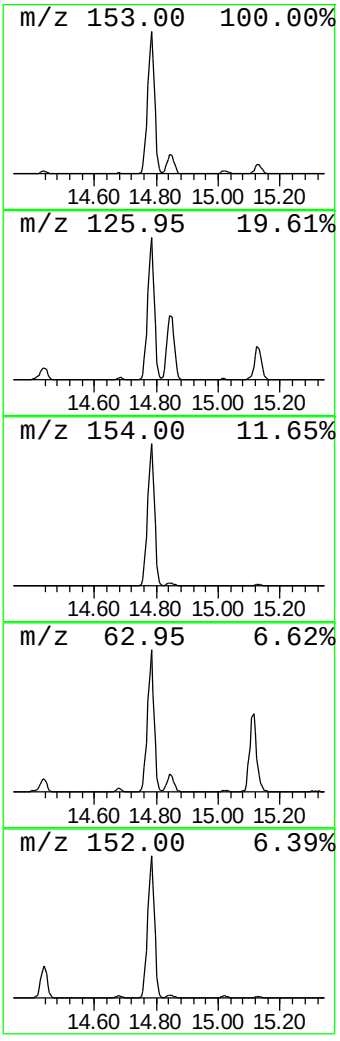
****

Peak Number 18 2-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	13.12 ng/ul	177263	Acenaphthene-d10	14.71

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	97
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

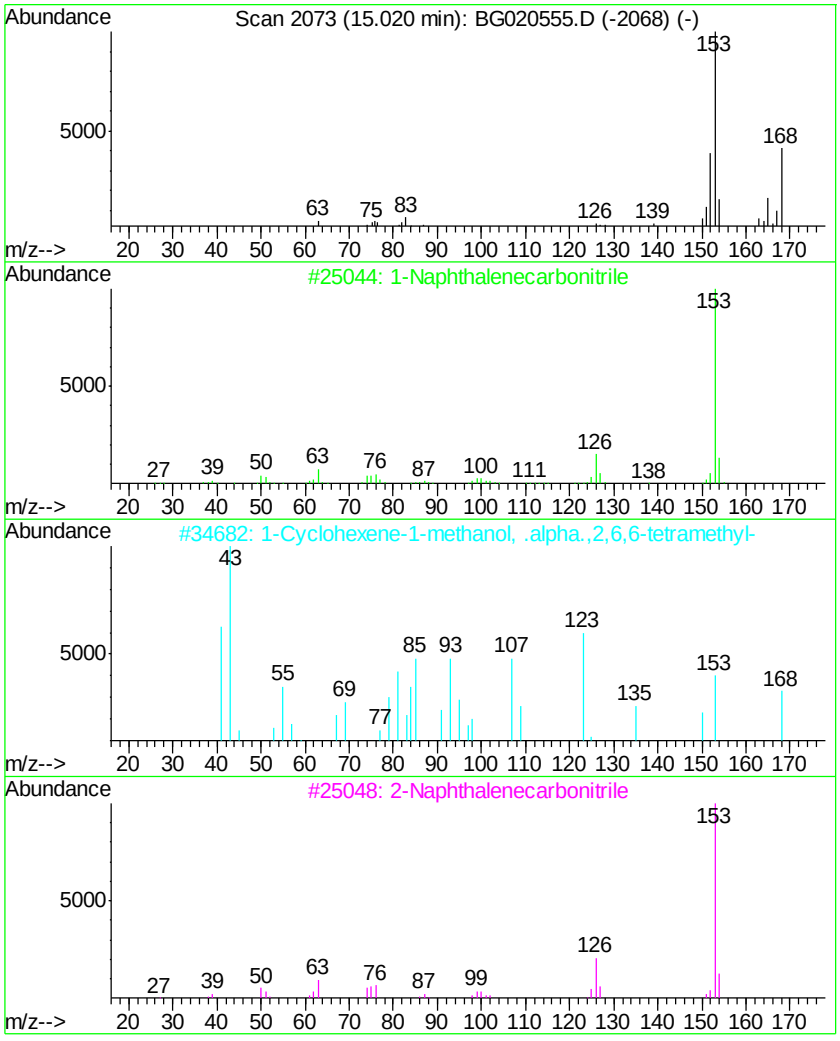
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

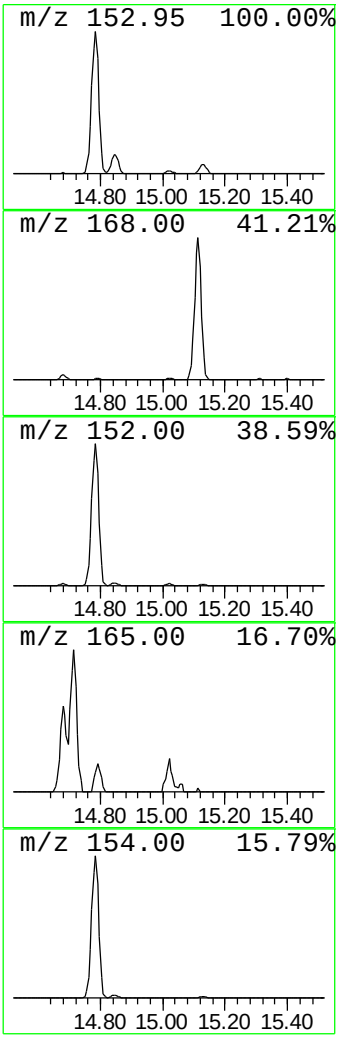
****

Peak Number 19 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	2.27 ng/ul	30679	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	25
2	1-Cyclohexene-1-methanol, .alpha...	168	C11H20O	054345-61-8	9
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	9
4	Benzene-1,2,4-tricarbonitrile	153	C9H3N3	010347-14-5	9
5	2-Fluorophenyl isothiocyanate	153	C7H4FNS	038985-64-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

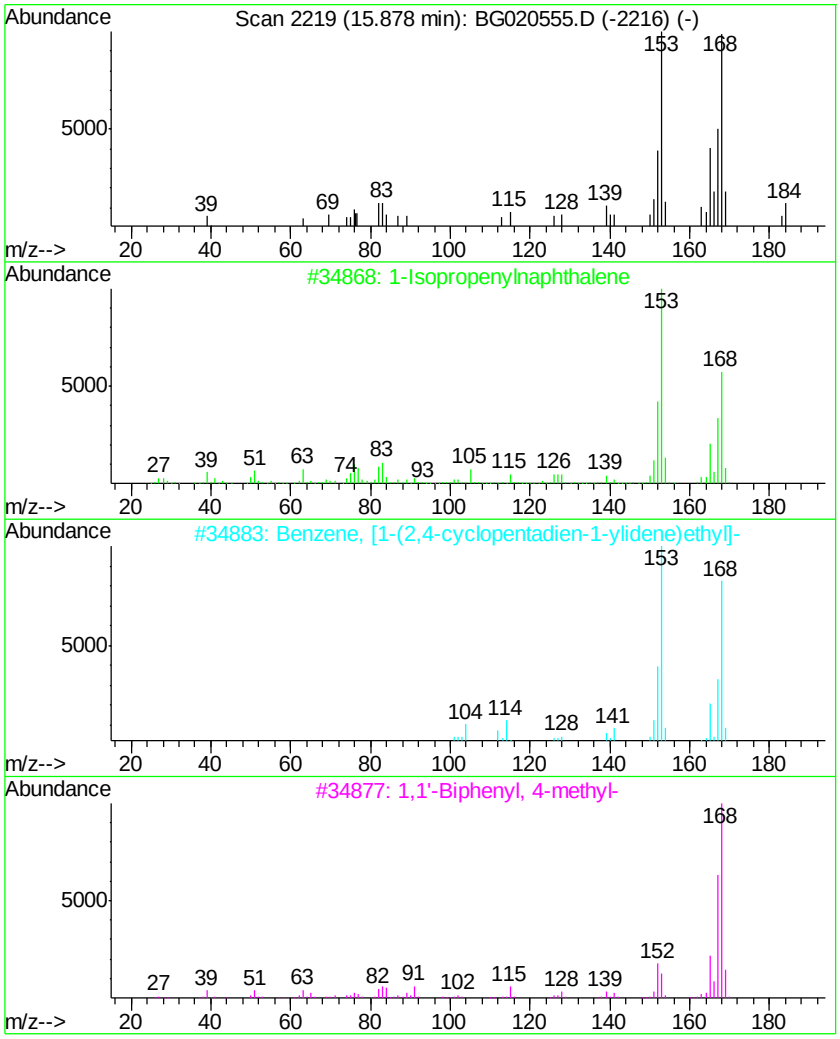
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

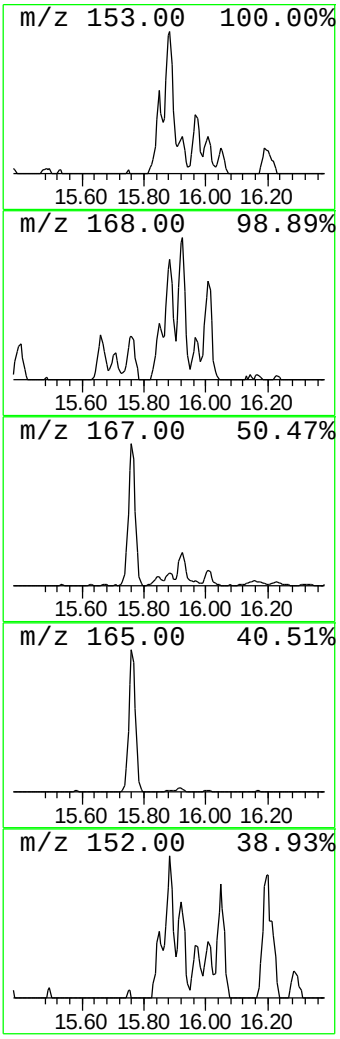
****

Peak Number 20 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	4.00 ng/ul	53995	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	89
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	52
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

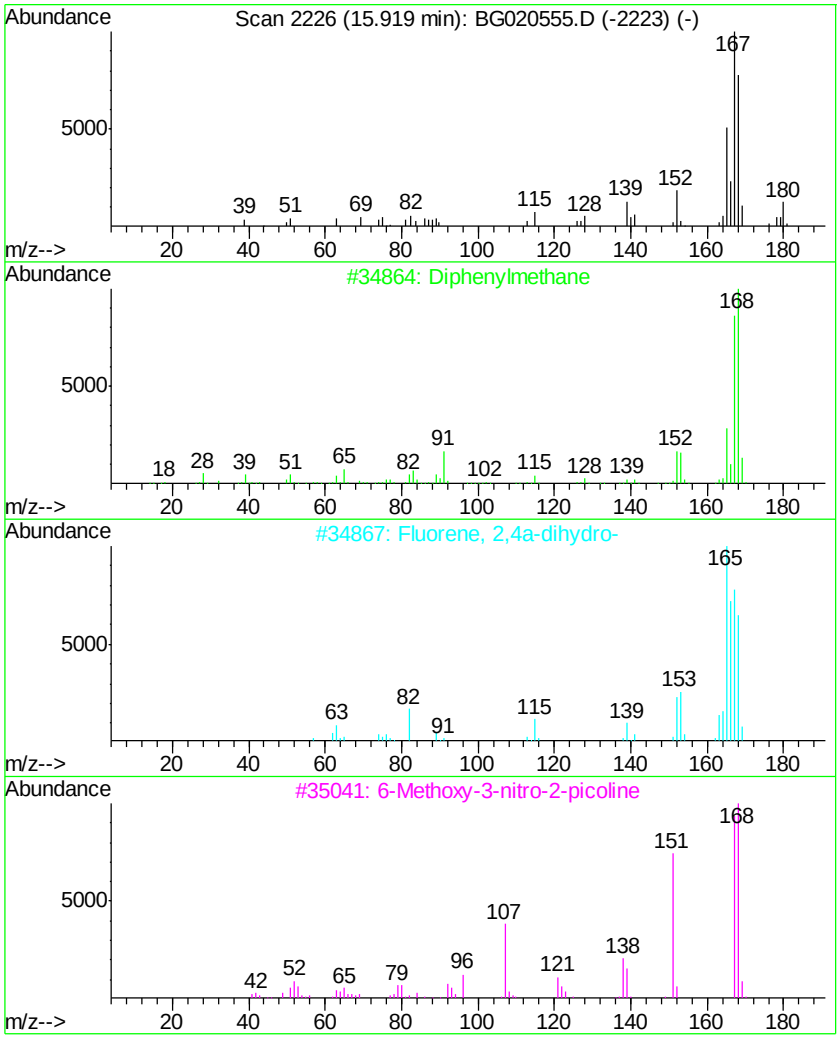
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

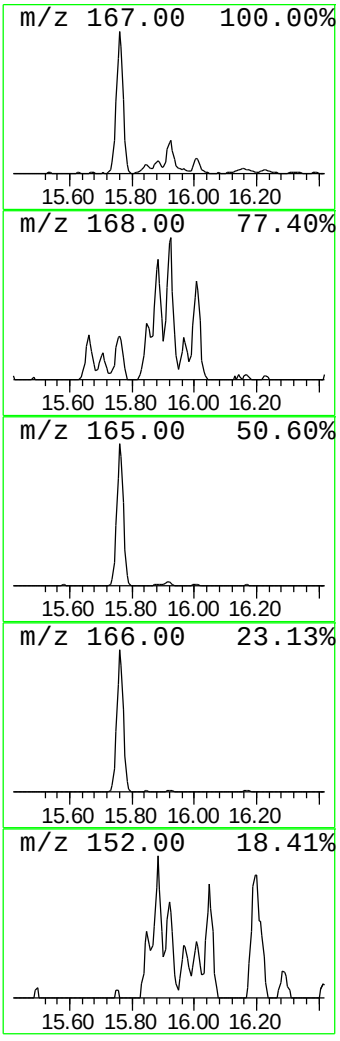
****

Peak Number 21 Diphenylmethane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	5.37 ng/ul	72470	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	58
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	52
3	6-Methoxy-3-nitro-2-picoline	168	C7H8N2O3	005467-69-6	50
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

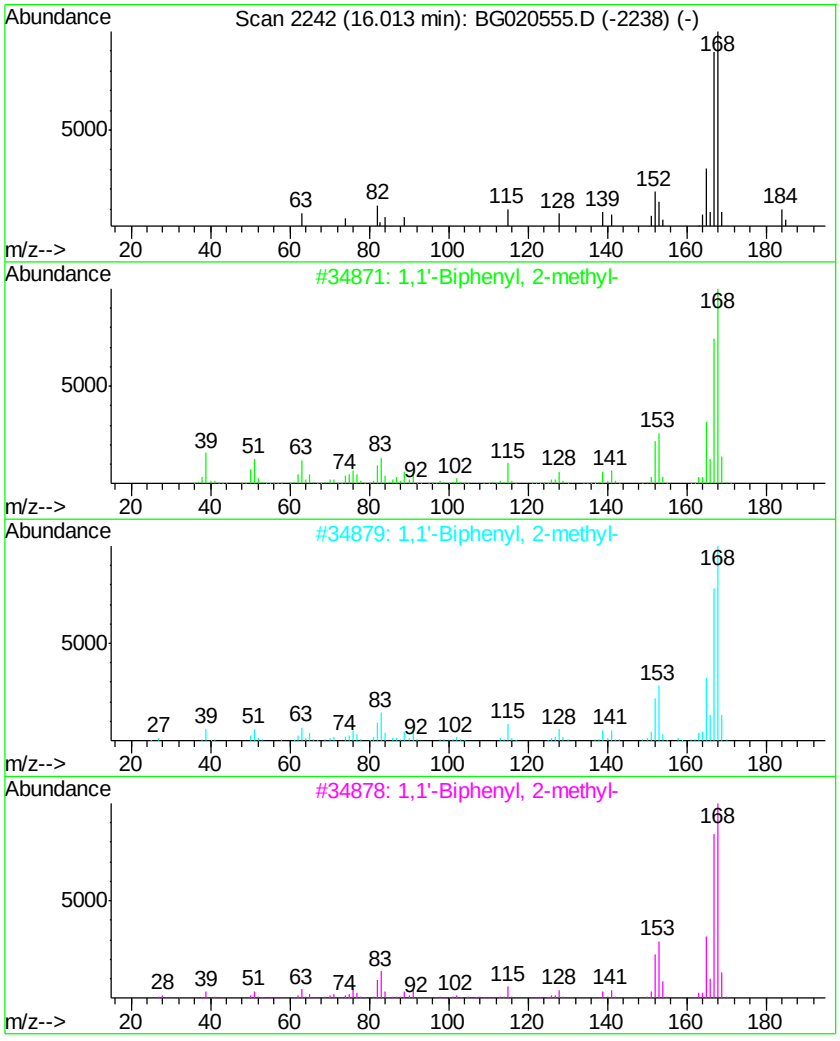
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

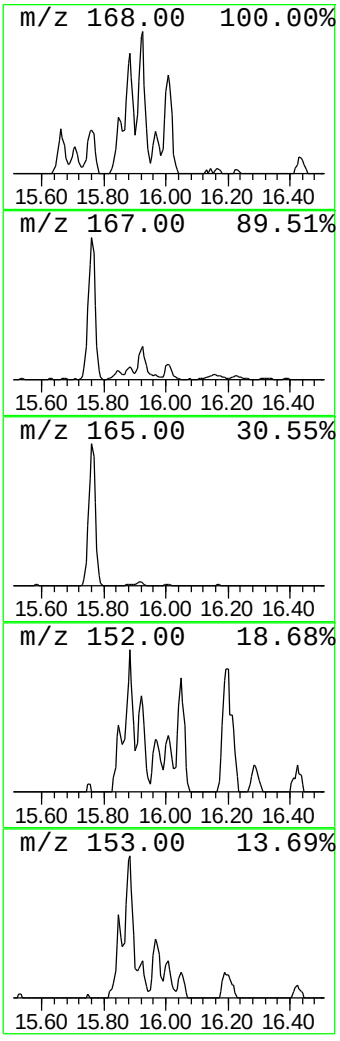
****

Peak Number 22 1,1'-Biphenyl, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.12 ng/ul	28662	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
5	Diphenylmethane	168	C13H12	000101-81-5	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

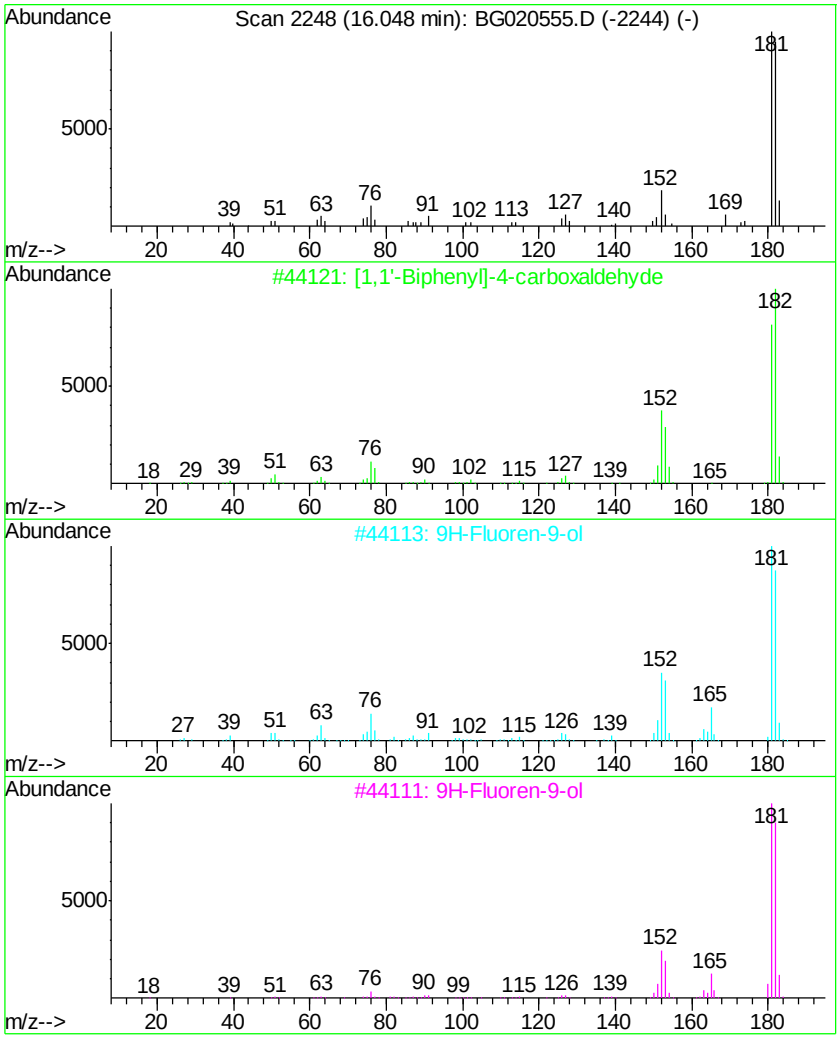
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

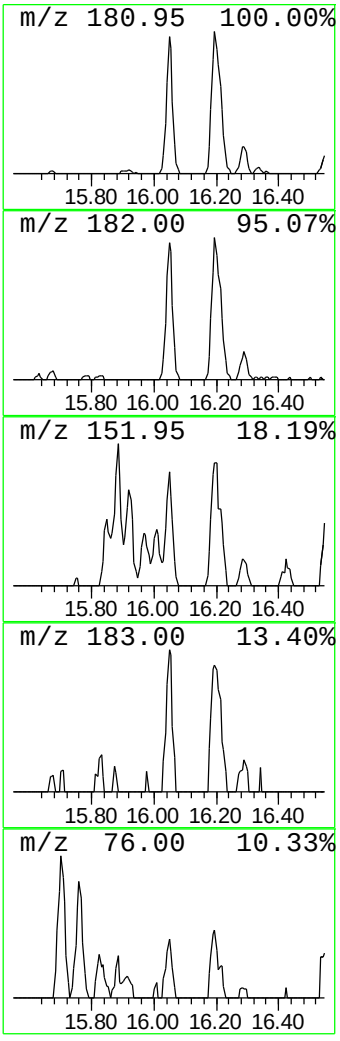
****

Peak Number 23 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	3.86 ng/ul	52135	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

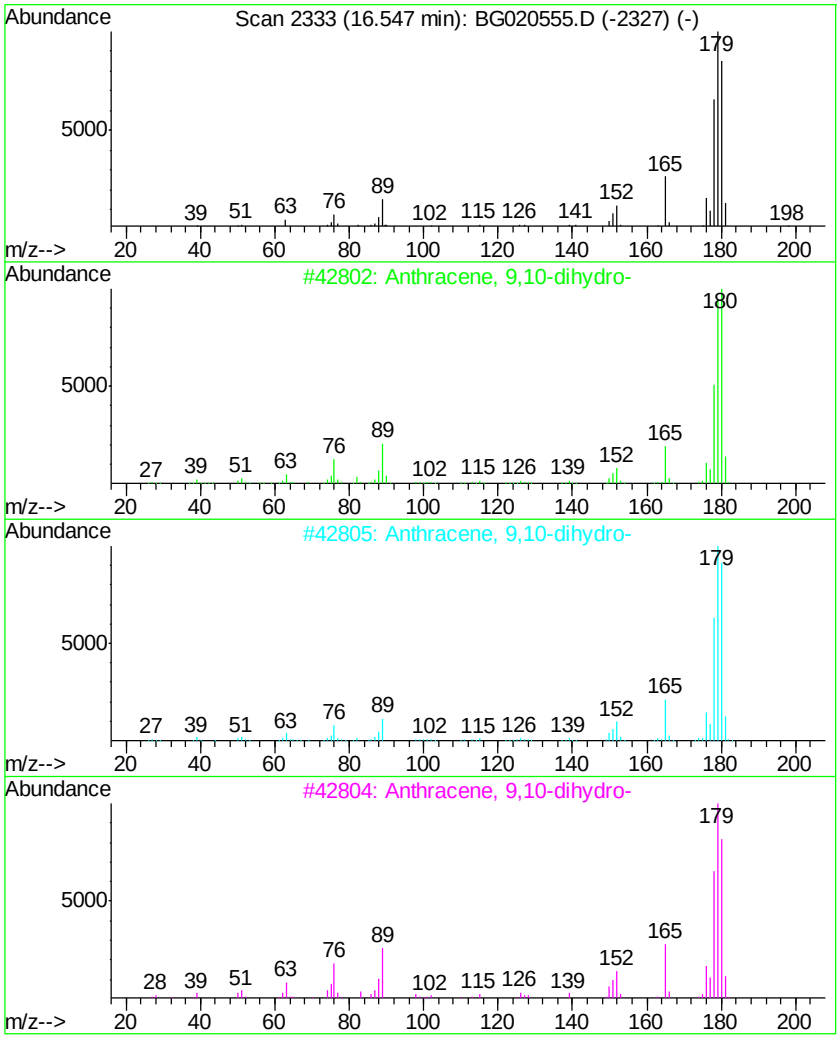
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

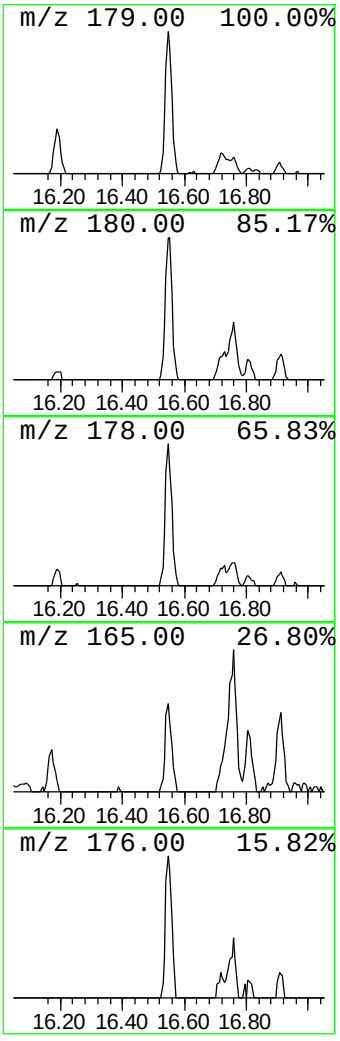
****

Peak Number 25 Anthracene, 9,10-dihydro- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	3.73 ng/ul	67796	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	97
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	96
5	Phenanthrene, 1,2-dihydro-	180	C14H12	056179-83-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

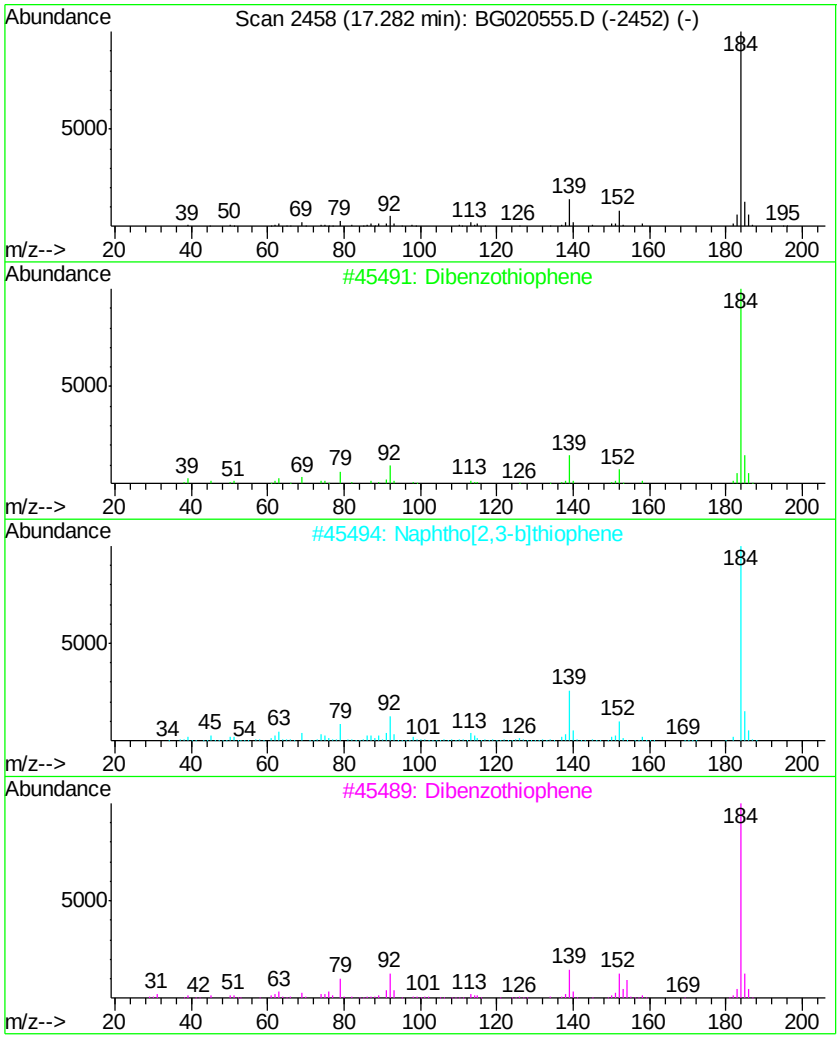
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

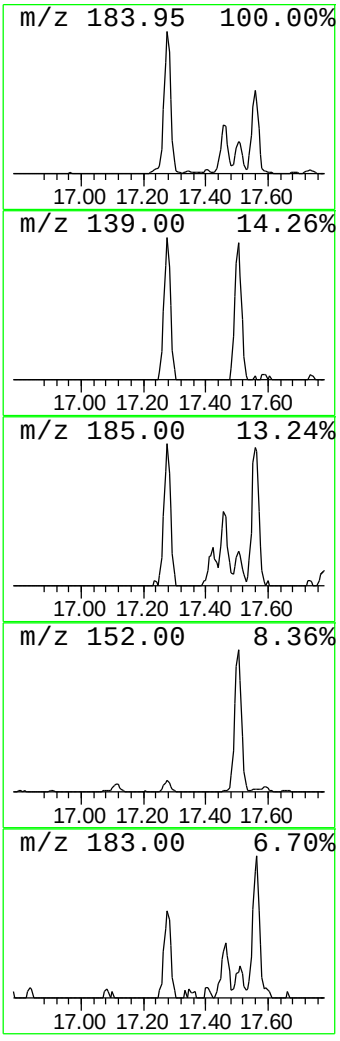
****

Peak Number 26 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	6.91 ng/ul	125559	Phenanthrene-d10	17.46

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

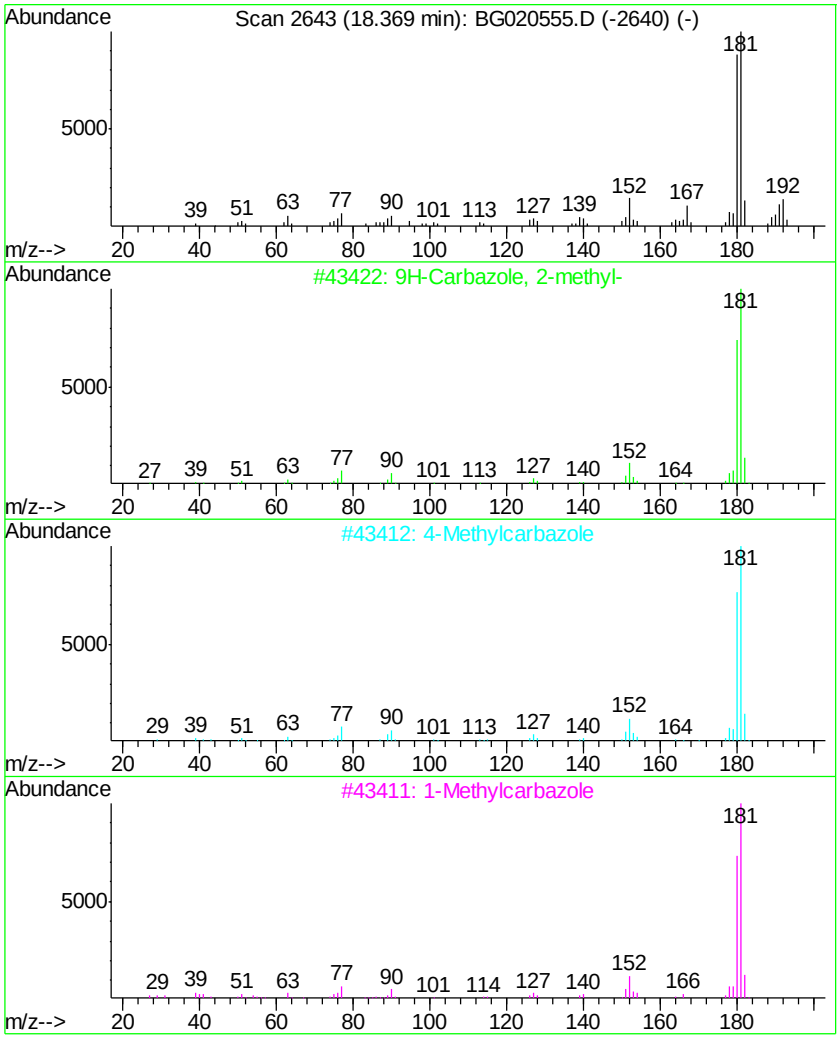
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

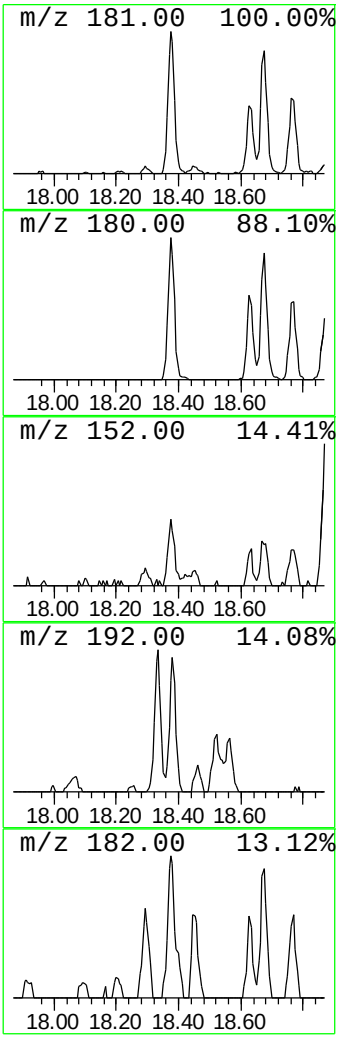
****

Peak Number 27 9H-Carbazole, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	5.78 ng/ul	105042	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	94
2	4-Methylcarbazole	181	C13H11N	003770-48-7	92
3	1-Methylcarbazole	181	C13H11N	006510-65-2	91
4	Methylcarbazole	181	C13H11N	027323-29-1	89
5	3-Methylcarbazole	181	C13H11N	004630-20-0	89





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

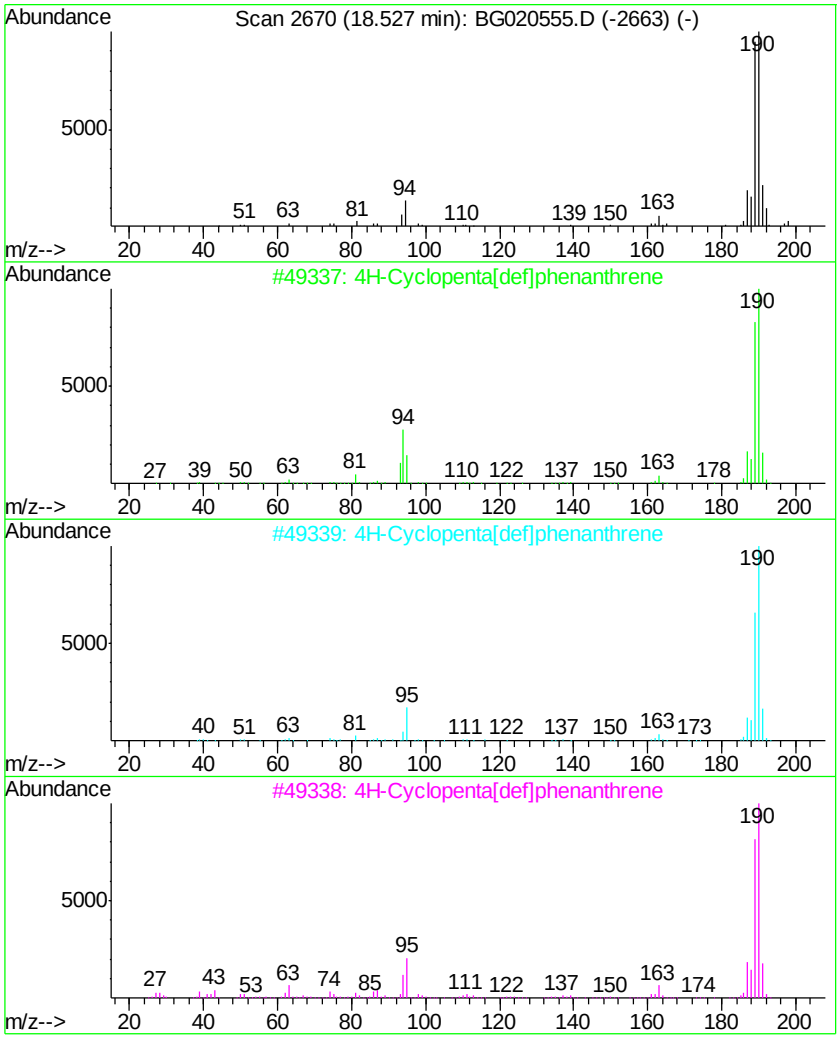
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

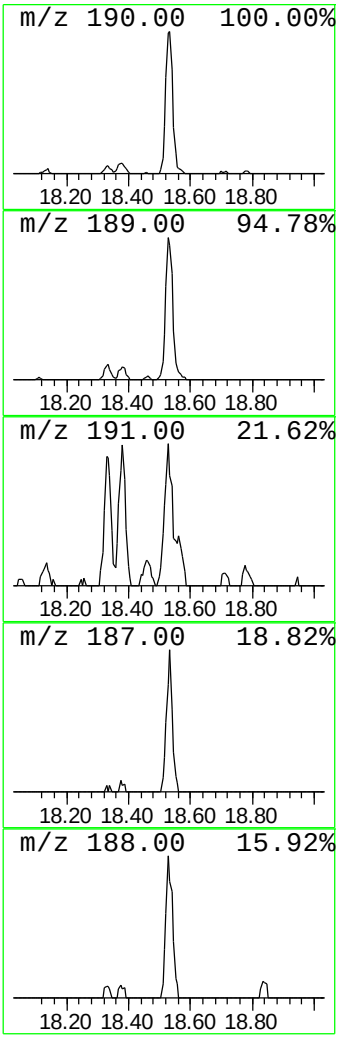
****

Peak Number 28 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	5.10 ng/ul	92656	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	72
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

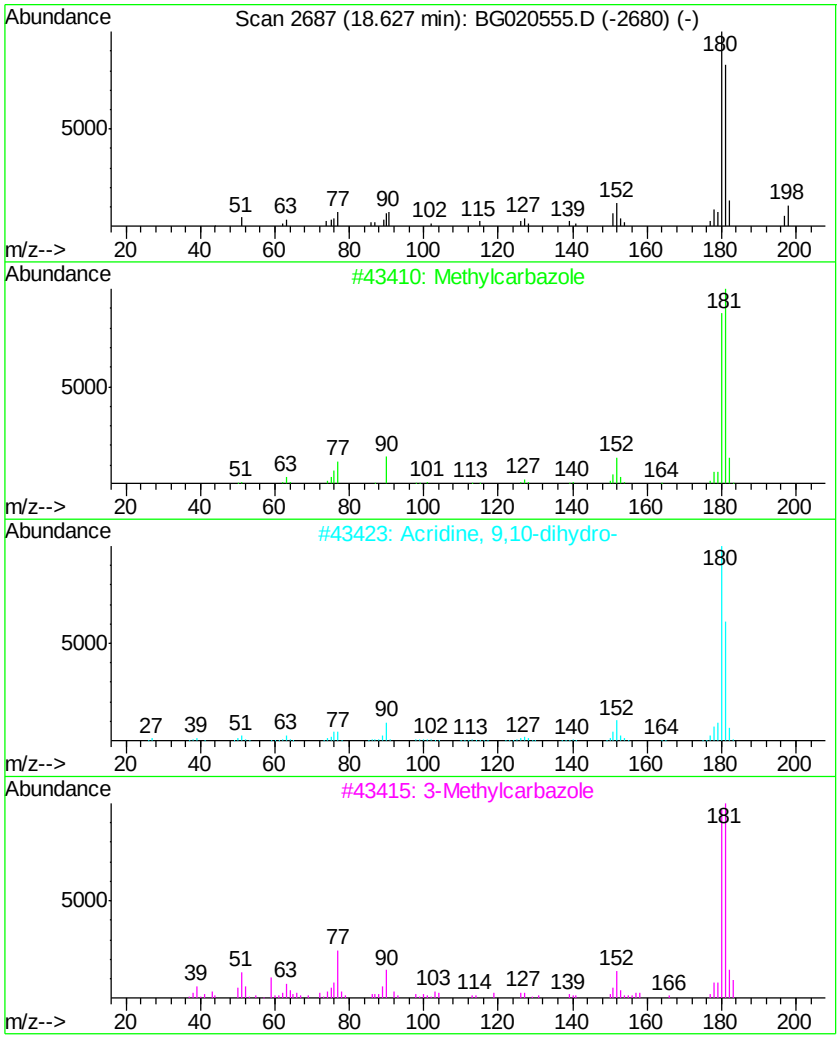
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

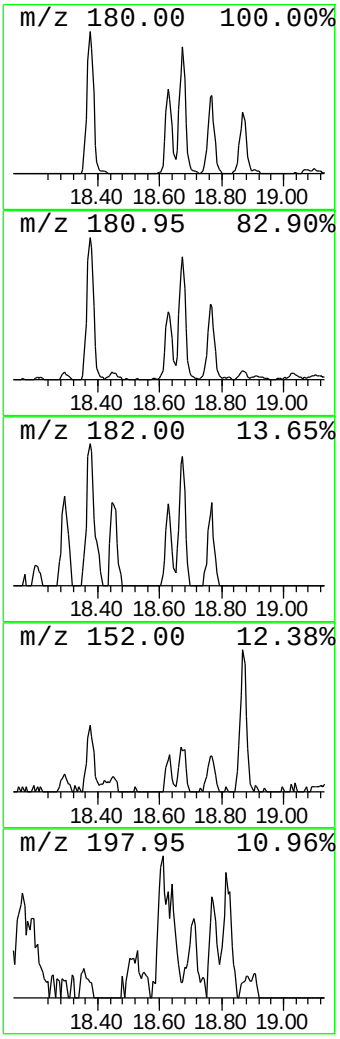
****

Peak Number 29 Methylcarbazole Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.40 ng/ul	43650	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylcarbazole	181	C13H11N	027323-29-1	93
2	Acridine, 9,10-dihydro-	181	C13H11N	000092-81-9	90
3	3-Methylcarbazole	181	C13H11N	004630-20-0	90
4	3-Methylcarbazole	181	C13H11N	004630-20-0	80
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

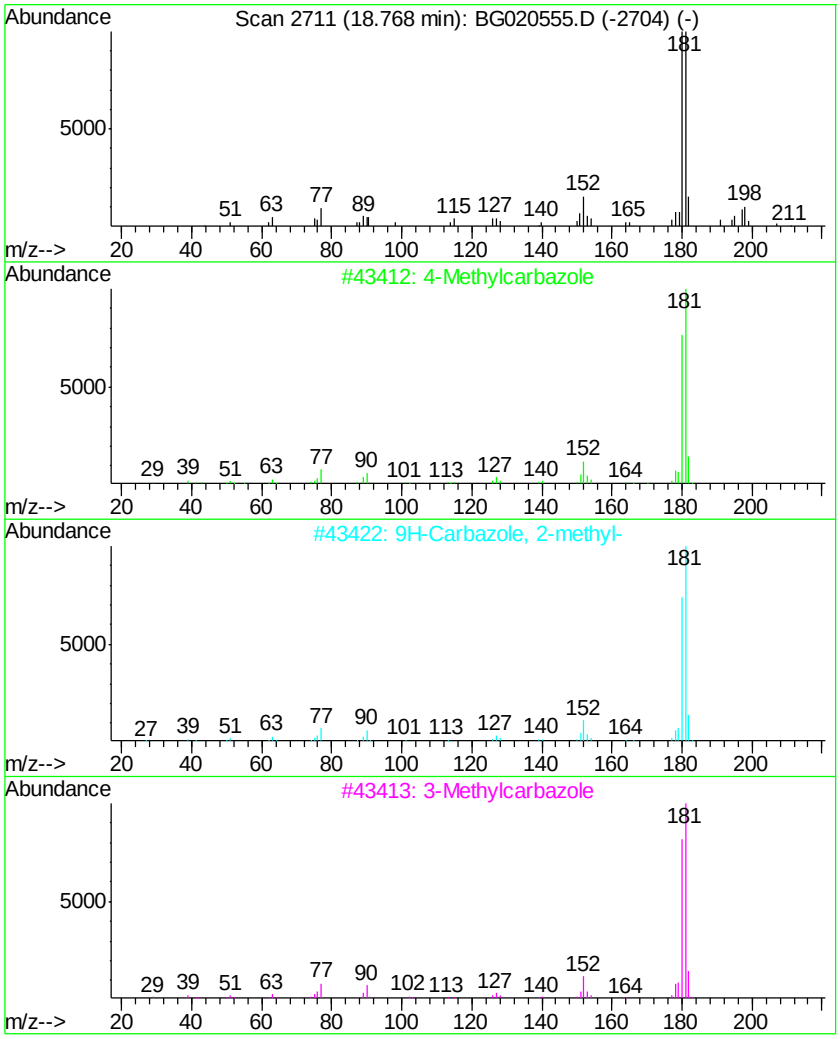
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

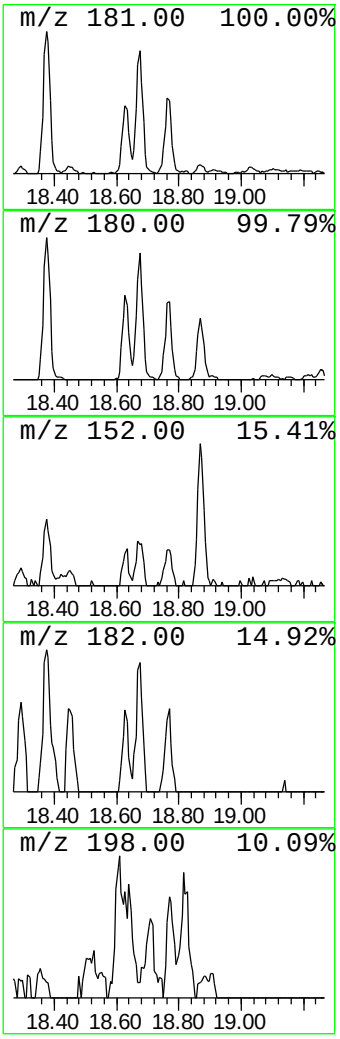
****

Peak Number 31 4-Methylcarbazole Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.72 ng/ul	49347	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	97
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	96
4	Methylcarbazole	181	C13H11N	027323-29-1	95
5	1-Methylcarbazole	181	C13H11N	006510-65-2	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

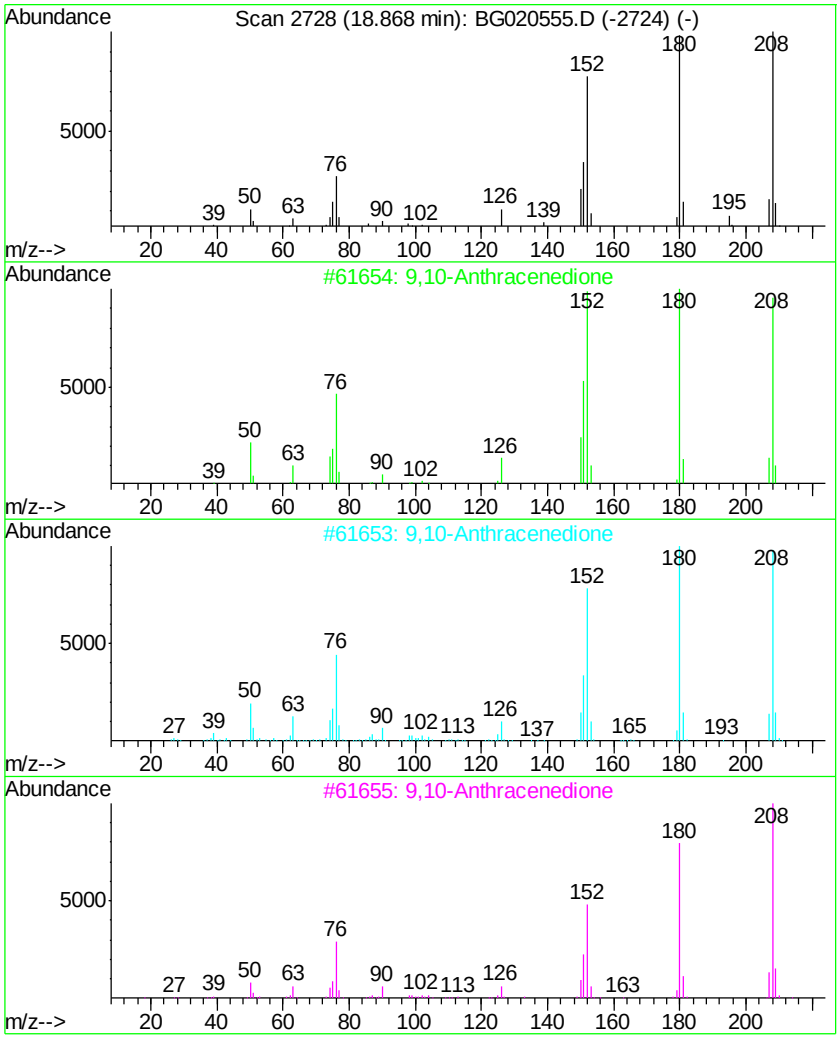
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

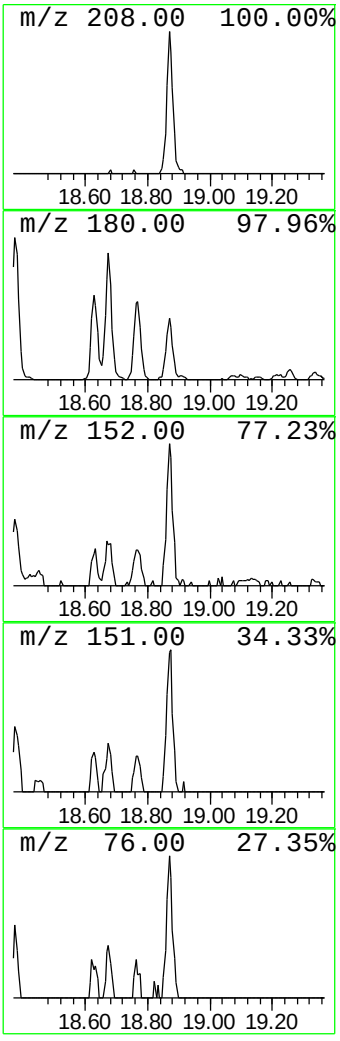
****

Peak Number 32 9,10-Anthracenedione Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.64 ng/ul	47932	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

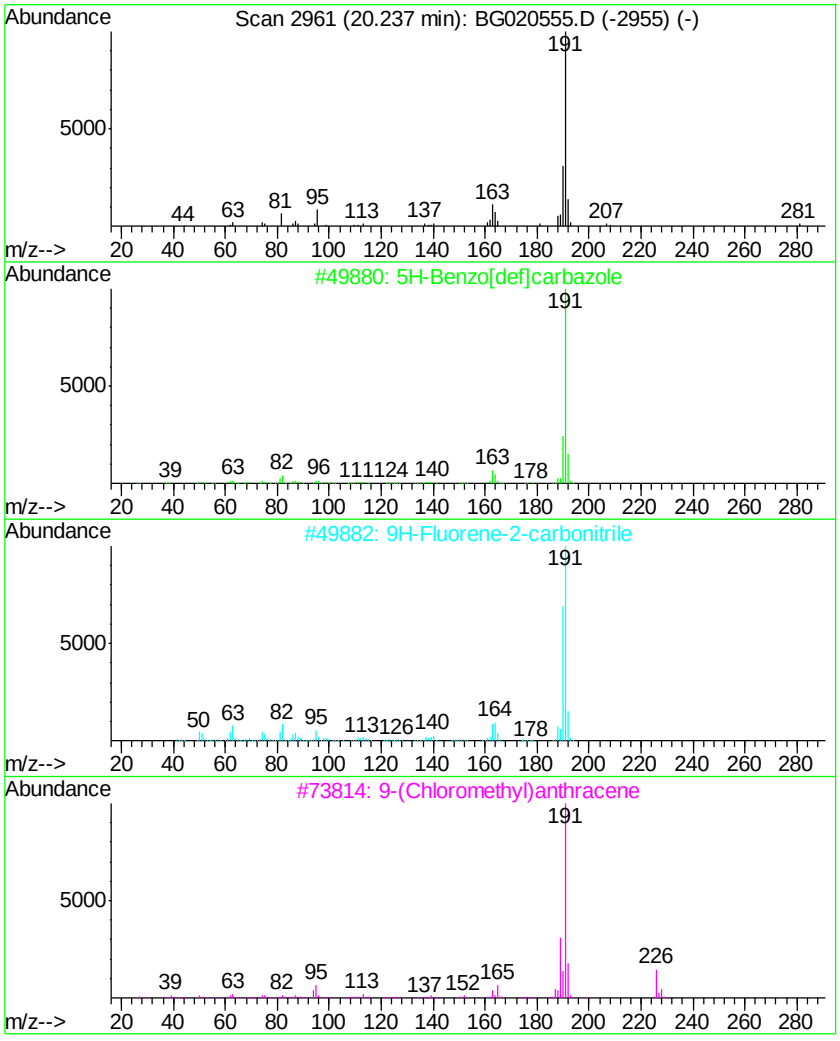
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

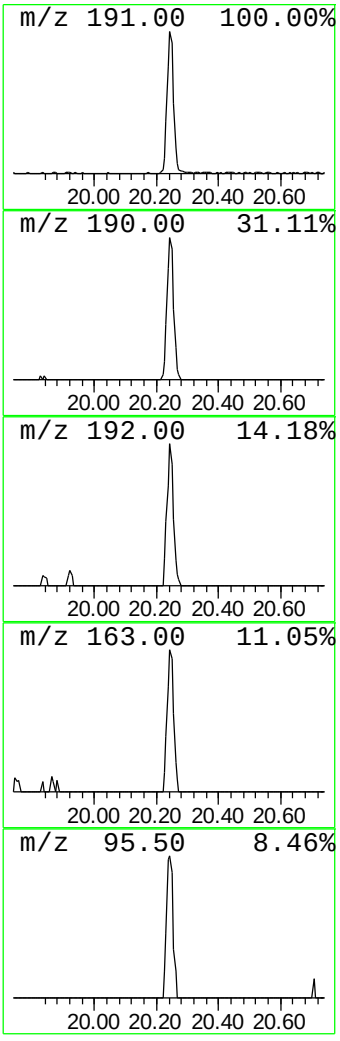
****

Peak Number 33 5H-Benzo[def]carbazole Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.54 ng/ul	63593	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzo[def]carbazole	191	C14H9N	000203-65-6	91
2	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	59
3	9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	50
4	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	50
5	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020555.D
Acq On : 27 Dec 2015 14:38
Operator : UM/SJ
Sample : G4846-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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
Butane, 2-methoxy...	3.17	7.0	ng/ul	37196	1	8.08	106028	20.0
Indane	8.45	11.4	ng/ul	60323	1	8.08	106028	20.0
Benzene, 1-propynyl-	8.62	56.0	ng/ul	296589	1	8.08	106028	20.0
Benzofuran, 7-met...	9.44	2.3	ng/ul	12188	1	8.08	106028	20.0
2-Propenal, 3-phe...	9.57	5.9	ng/ul	42718	2	10.90	144783	20.0
Benzene, 1-buteny...	10.28	3.7	ng/ul	26793	2	10.90	144783	20.0
Benzene, 1-butynyl-	10.38	4.0	ng/ul	29084	2	10.90	144783	20.0
Benzo[b]thiophene	11.07	37.4	ng/ul	270398	2	10.90	144783	20.0
3-Methylbenzothio...	12.45	5.0	ng/ul	36314	2	10.90	144783	20.0
Benzo[b]thiophene...	12.66	7.4	ng/ul	53313	2	10.90	144783	20.0
Naphthalene, 1-me...	12.77	130.8	ng/ul	946988	2	10.90	144783	20.0
Naphthalene, 1-et...	13.74	6.1	ng/ul	82300	3	14.71	270122	20.0
Naphthalene, 1,6-...	13.89	8.8	ng/ul	118254	3	14.71	270122	20.0
Naphthalene, 1,7-...	14.03	11.3	ng/ul	152415	3	14.71	270122	20.0
Naphthalene, 2,3-...	14.27	3.9	ng/ul	52812	3	14.71	270122	20.0
2-Naphthalenecarb...	14.84	13.1	ng/ul	177263	3	14.71	270122	20.0
unknown-01	15.02	2.3	ng/ul	30679	3	14.71	270122	20.0
1-Isopropenylnaph...	15.88	4.0	ng/ul	53995	3	14.71	270122	20.0
Diphenylmethane	15.92	5.4	ng/ul	72470	3	14.71	270122	20.0
1,1'-Biphenyl, 2-...	16.01	2.1	ng/ul	28662	3	14.71	270122	20.0
[1,1'-Biphenyl]-4...	16.05	3.9	ng/ul	52135	3	14.71	270122	20.0
Anthracene, 9,10-...	16.55	3.7	ng/ul	67796	4	17.46	363322	20.0
Dibenzothiophene	17.28	6.9	ng/ul	125559	4	17.46	363322	20.0
9H-Carbazole, 2-m...	18.37	5.8	ng/ul	105042	4	17.46	363322	20.0
4H-Cyclopenta[def...	18.53	5.1	ng/ul	92656	4	17.46	363322	20.0
Methylcarbazole	18.63	2.4	ng/ul	43650	4	17.46	363322	20.0
4-Methylcarbazole	18.77	2.7	ng/ul	49347	4	17.46	363322	20.0
9,10-Anthracenedione	18.87	2.6	ng/ul	47932	4	17.46	363322	20.0
5H-Benzo[def]carb...	20.24	2.5	ng/ul	63593	5	21.74	501275	20.0