LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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	3.104	40	45	58	rVV	62432	117614	2.79%	0.798%
2	4.232	233	237	244	rVB	9886	14115	0.34%	0.096%
3	5.578	460	466	474	rBV	458797	726620	17.26%	4.928%
4	5.736	484	493	498	rBV	58278	97553	2.32%	0.662%
5	6.089	544	553	560	rBV	196710	306465	7.28%	2.078%
6	6.571	629	635	641	rVB2	23060	34350	0.82%	0.233%
7	7.235	742	748	755	rVV	39072	61657	1.46%	0.418%
8	7.311	755	761	767	rVB	18633	29415	0.70%	0.199%
9	7.475	783	789	796	rBV	19012	29552	0.70%	0.200%
10	7.740	828	834	843	rVV	104563	191459	4.55%	1.298%
11	8.098	888	895	904	rBV	61566	107908	2.56%	0.732%
12	8.210	906	914	920	rVV	54821	92960	2.21%	0.630%
13	8.275	920	925	931	rVB	20801	31210	0.74%	0.212%
14	8.474	950	959	968	rBV	691478	1178421	27.99%	7.992%
15	8.586	972	978	981	rBV2	11860	18560	0.44%	0.126%
16	8.639	981	987	995	rVB	160355	271231	6.44%	1.839%
17	8.733	997	1003	1008	rVV	16553	25575	0.61%	0.173%
18	9.203	1077	1083	1089	rBV2	23437	38169	0.91%	0.259%
19	9.285	1089	1097	1104	rVB3	12423	32823	0.78%	0.223%
20	9.461	1120	1127	1134	rBV3	17746	31706	0.75%	0.215%
21	9.579	1134	1147	1153	rVV4	14491	34905	0.83%	0.237%
22	9.644	1153	1158	1167	rVB	6720	11589	0.28%	0.079%
23	9.785	1177	1182	1189	rVB2	15544	25478	0.61%	0.173%
24	9.990	1212	1217	1222	rVV4	7850	13062	0.31%	0.089%
25	10.155	1239	1245	1252	rVB	39719	64651	1.54%	0.438%
26	10.337	1265	1276	1282	rBV3	96594	253121	6.01%	1.717%
27	10.407	1282	1288	1292	rVV	150145	293117	6.96%	1.988%
28	10.448	1292	1295	1304	rVV	73393	122284	2.90%	0.829%
29	10.537	1304	1310	1316	rVB5	14220	28296	0.67%	0.192%
30	10.619	1316	1324	1331	rBV2	14590	25508	0.61%	0.173%
31	10.918	1368	1375	1378	rVV	87400	170946	4.06%	1.159%
32	10.977	1378	1385	1393	rVV	2123780	4210747	100.00%	28.555%
33	11.089	1396	1404	1412	rVB	82577	151521	3.60%	1.028%
34	11.765	1509	1519	1524	rBV2	9914	24101	0.57%	0.163%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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	12.099	1571	1576	1583	rVB2	15151	28225	0.67%	0.191%
36	12.287	1603	1608	1613	rBV3	13239	21320	0.51%	0.145%
37	12.464	1633	1638	1646	rVB	17357	30915	0.73%	0.210%
38	12.564	1646	1655	1662	rBV	265620	435923	10.35%	2.956%
39	12.681	1669	1675	1681	rVB5	9170	16637	0.40%	0.113%
40	12.781	1681	1692	1699	rBV	505604	862230	20.48%	5.847%
41	13.192	1756	1762	1767	rVB3	10148	16715	0.40%	0.113%
42	13.562	1819	1825	1831	rVB	49139	73844	1.75%	0.501%
43	13.692	1840	1847	1852	rBV	21857	35551	0.84%	0.241%
44	13.756	1852	1858	1869	rVB	53639	100165	2.38%	0.679%
45	13.856	1869	1875	1876	rBV	14984	18815	0.45%	0.128%
46	13.891	1876	1881	1889	rVB2	62512	157057	3.73%	1.065%
47	14.044	1899	1907	1913	rBV	85441	158728	3.77%	1.076%
48	14.103	1913	1917	1918	rBV	27301	34734	0.82%	0.236%
49	14.285	1941	1948	1952	rBV	40625	64446	1.53%	0.437%
50	14.420	1964	1971	1974	rBV	33849	60333	1.43%	0.409%
51	14.450	1974	1976	1980	rVV2	29119	36585	0.87%	0.248%
52	14.691	2012	2017	2018	rBV2	19651	21010	0.50%	0.142%
53	14.726	2018	2023	2029	rVV2	173269	289387	6.87%	1.962%
54	14.790	2029	2034	2041	rVV	187389	294710	7.00%	1.999%
55	14.914	2047	2055	2066	rVB5	12643	38279	0.91%	0.260%
56	15.008	2066	2071	2075	rBV6	4770	12523	0.30%	0.085%
57	15.119	2084	2090	2096	rVB3	23163	39050	0.93%	0.265%
58	15.208	2096	2105	2114	rBV	86905	175328	4.16%	1.189%
59	15.278	2114	2117	2121	rVV2	6160	11104	0.26%	0.075%
60	15.325	2121	2125	2132	rVV3	18231	38411	0.91%	0.260%
61	15.507	2149	2156	2159	rBV4	7190	15998	0.38%	0.108%
62	15.595	2165	2171	2177	rVB	18325	28202	0.67%	0.191%
63	15.713	2186	2191	2196	rBV	59553	86459	2.05%	0.586%
64	15.772	2196	2201	2206	rBV	60555	89517	2.13%	0.607%
65	15.825	2206	2210	2214	rVB3	11908	17431	0.41%	0.118%
66	15.895	2218	2222	2225	rBV4	8335	13330	0.32%	0.090%
67	15.977	2230	2236	2246	rVV7	20523	55856	1.33%	0.379%
68	16.071	2247	2252	2255	rVV6	6622	14603	0.35%	0.099%
69	16.183	2266	2271	2279	rVB3	22478	39555	0.94%	0.268%
70	16.441	2310	2315	2326	rVB6	29084	55074	1.31%	0.373%
71	16.765	2364	2370	2376	rVV3	10174	23645	0.56%	0.160%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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	16.817	2376	2379	2385	rVB4	11688	17309	0.41%	0.117%
73	16.929	2392	2398	2402	rBV5	6793	14934	0.35%	0.101%
74	17.276	2449	2457	2463	rBV4	14559	38798	0.92%	0.263%
75	17.340	2464	2468	2474	rVB5	6615	12098	0.29%	0.082%
76	17.470	2484	2490	2494	rBV	252694	391031	9.29%	2.652%
77	17.511	2494	2497	2502	rVV	137847	197199	4.68%	1.337%
78	17.570	2502	2507	2510	rVV2	55467	88909	2.11%	0.603%
79	17.599	2510	2512	2517	rVB	28723	36389	0.86%	0.247%
80	17.669	2517	2524	2530	rBV2	49017	78921	1.87%	0.535%
81	17.869	2553	2558	2563	rVB	25614	39766	0.94%	0.270%
82	18.298	2628	2631	2635	rVV	9709	13668	0.32%	0.093%
83	18.345	2635	2639	2643	rVV	22401	31563	0.75%	0.214%
84	18.392	2643	2647	2654	rVB	28227	42723	1.01%	0.290%
85	18.463	2654	2659	2665	rVB3	11466	20759	0.49%	0.141%
86	18.533	2665	2671	2675	rBV5	24601	51180	1.22%	0.347%
87	18.574	2675	2678	2682	rVV	13121	17664	0.42%	0.120%
88	18.833	2718	2722	2727	rVB2	9362	12329	0.29%	0.084%
89	19.250	2789	2793	2797	rBV3	10384	15481	0.37%	0.105%
90	19.514	2831	2838	2842	rBV2	26223	35877	0.85%	0.243%
91	19.661	2859	2863	2867	rBV	8262	11967	0.28%	0.081%
92	19.849	2889	2895	2897	rBV	61330	87581	2.08%	0.594%
93	19.873	2897	2899	2908	rVB	37035	55412	1.32%	0.376%
94	20.360	2980	2982	2988	rVB2	8620	11280	0.27%	0.076%
95	21.741	3208	3217	3223	rBV	266865	465795	11.06%	3.159%
96	23.239	3465	3472	3478	rBV8	7539	17524	0.42%	0.119%
97	24.785	3726	3735	3744	rBV	25399	67800	1.61%	0.460%
98	25.014	3763	3774	3784	rBV	150672	428374	10.17%	2.905%
99	26.165	3965	3970	3979	rVB6	9760	27812	0.66%	0.189%
100	27.552	4195	4206	4217	rVB6	11272	37310	0.89%	0.253%

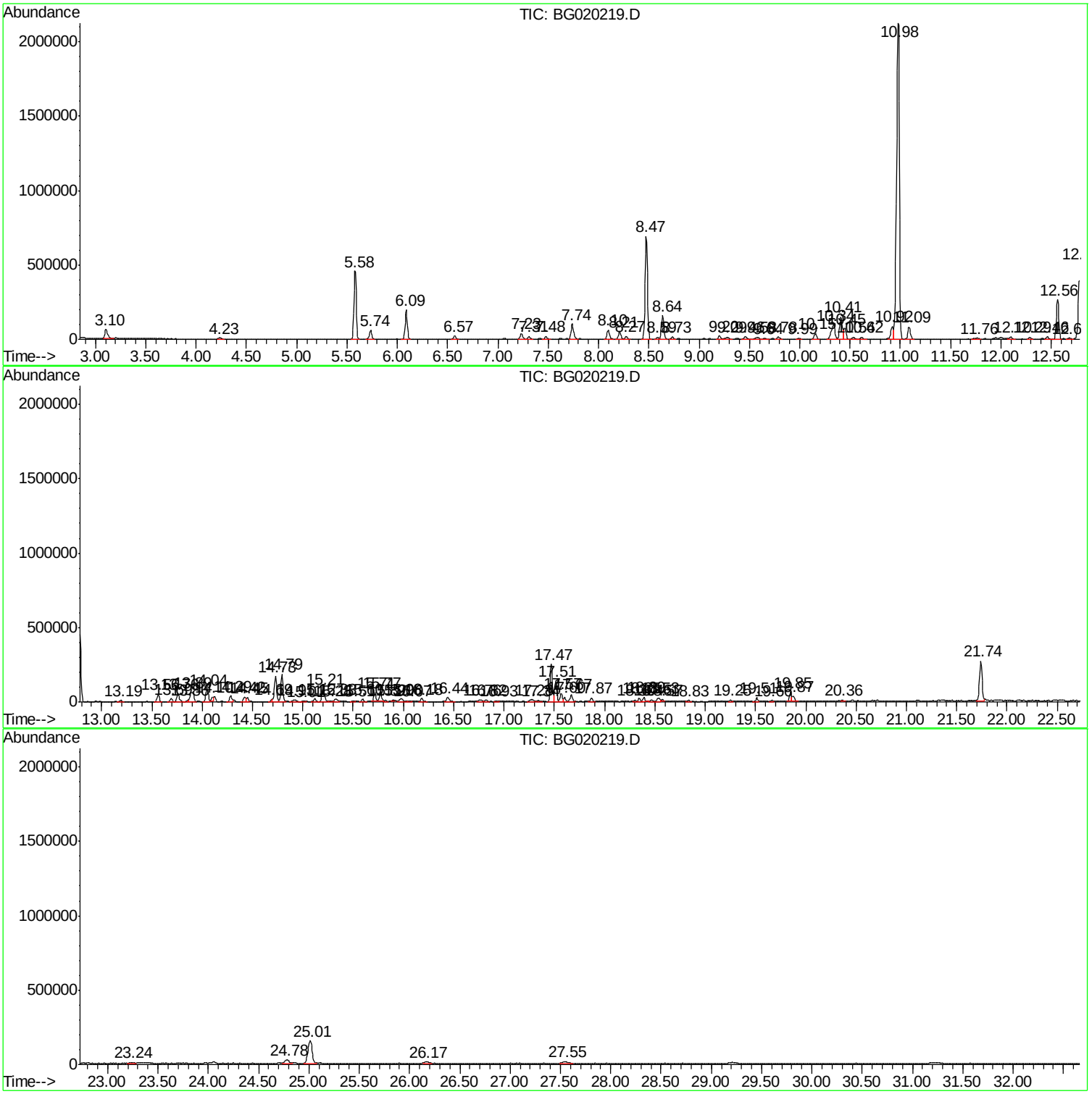
Sum of corrected areas: 14745837

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9BQ4DL

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

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

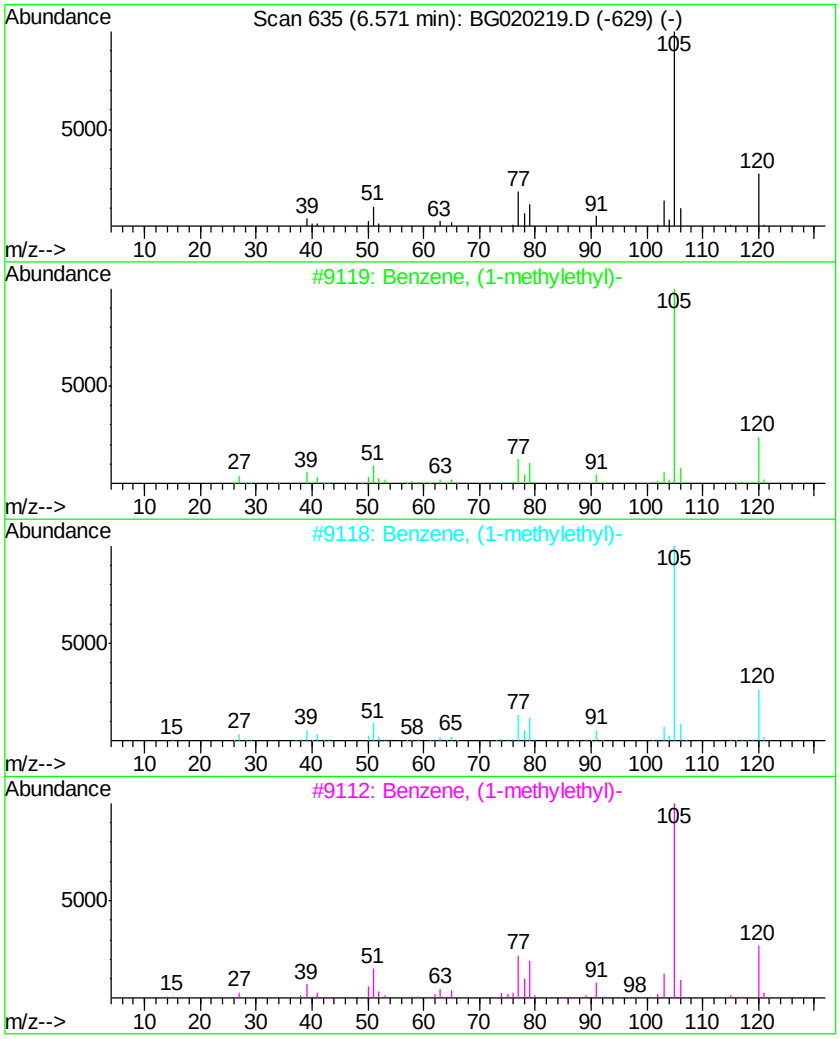
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

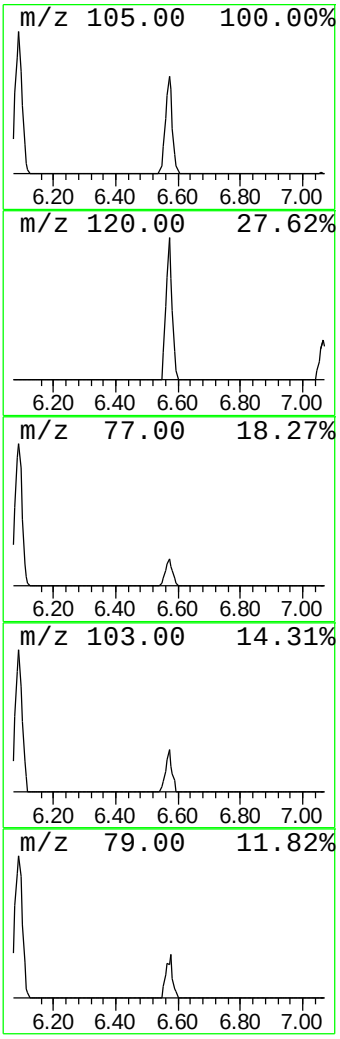
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	6.37 ng/ul	34350	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

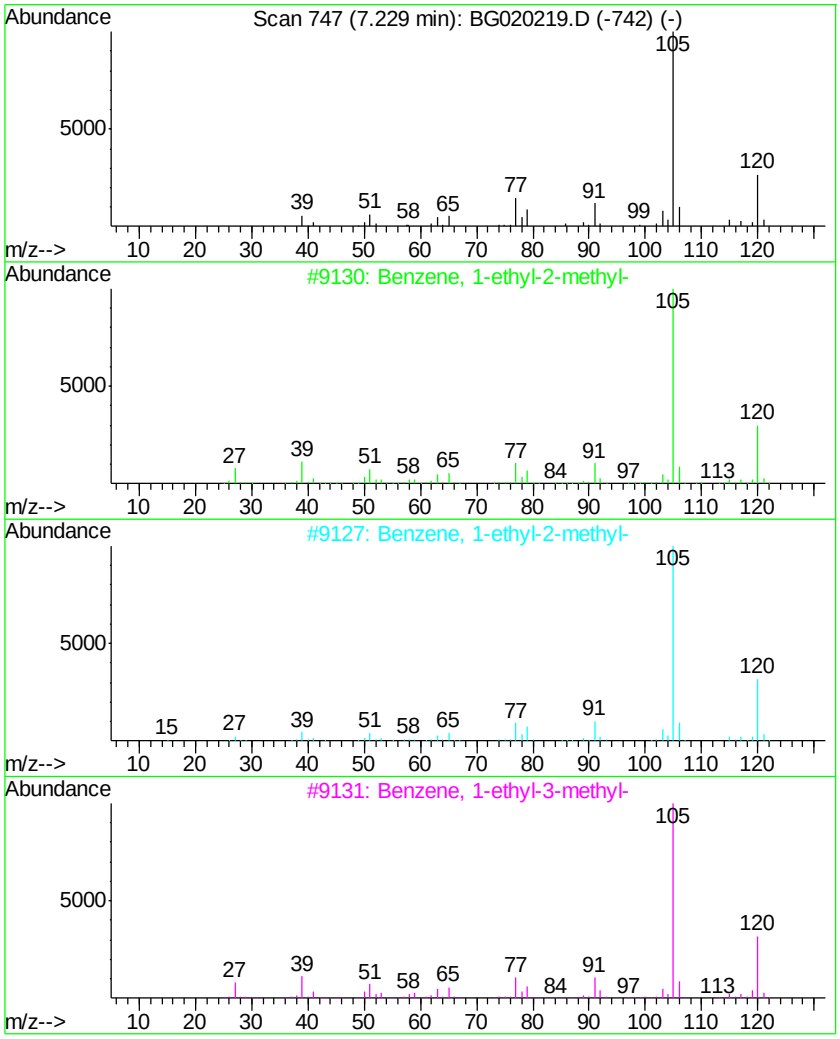
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

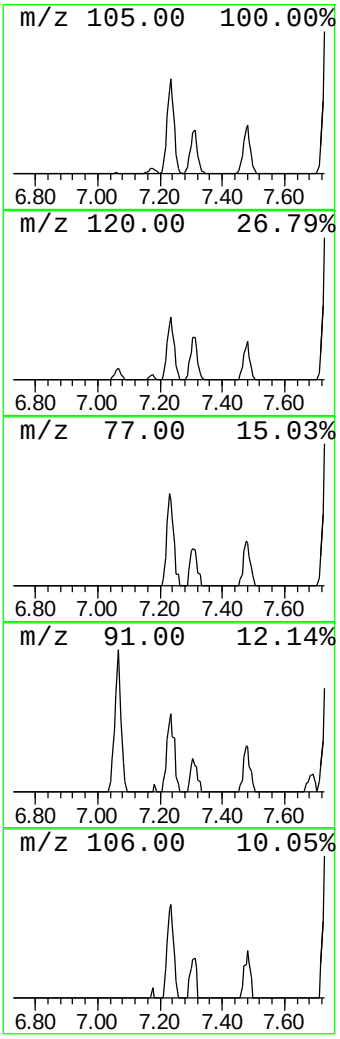
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	11.43 ng/ul	61657	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

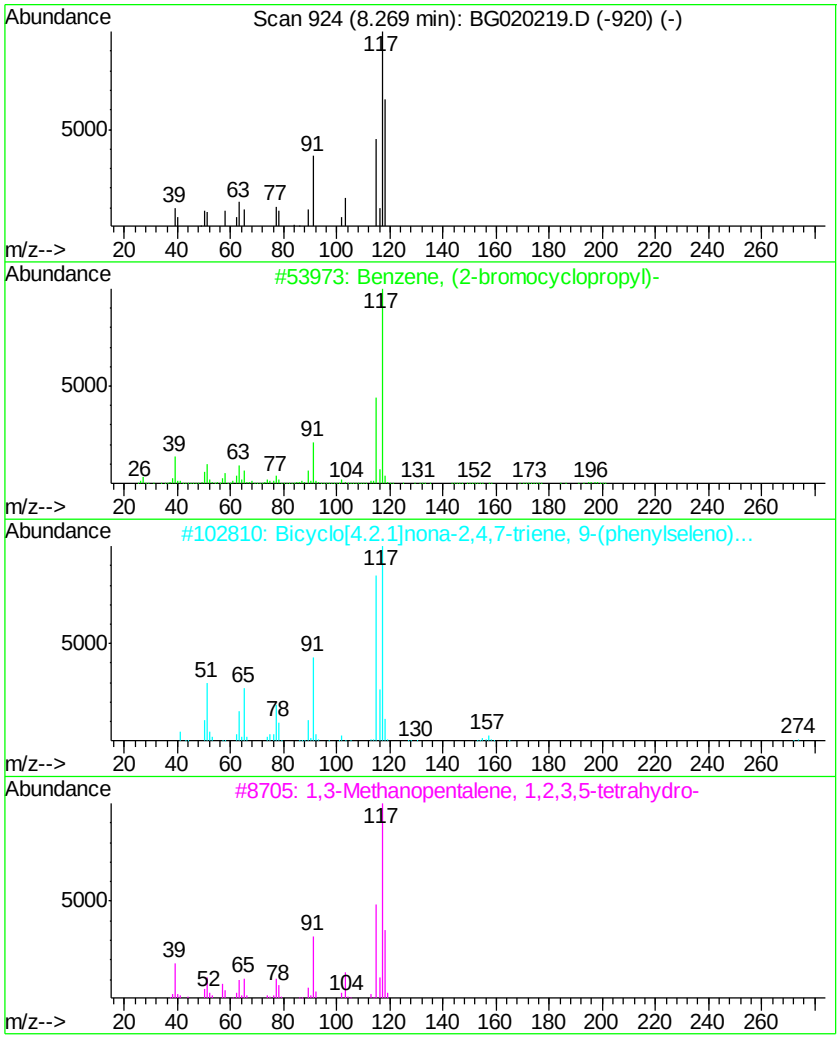
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

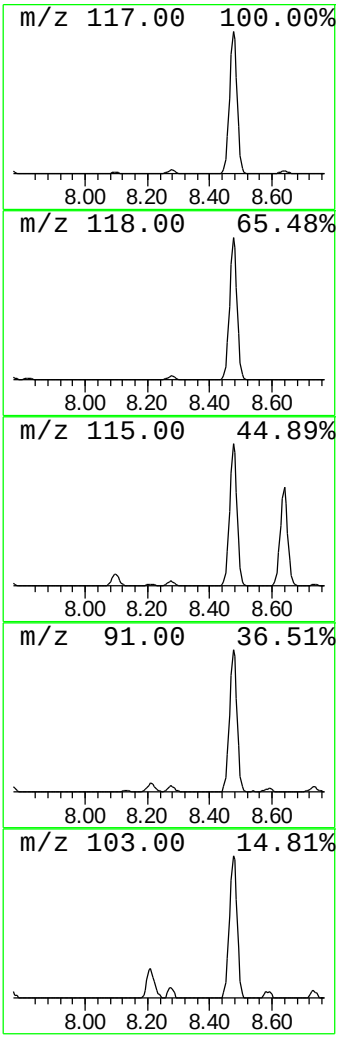
****

Peak Number 12 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	5.78 ng/ul	31210	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	40
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	274	C15H14Se	072065-50-0	37
3	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	35
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	27
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

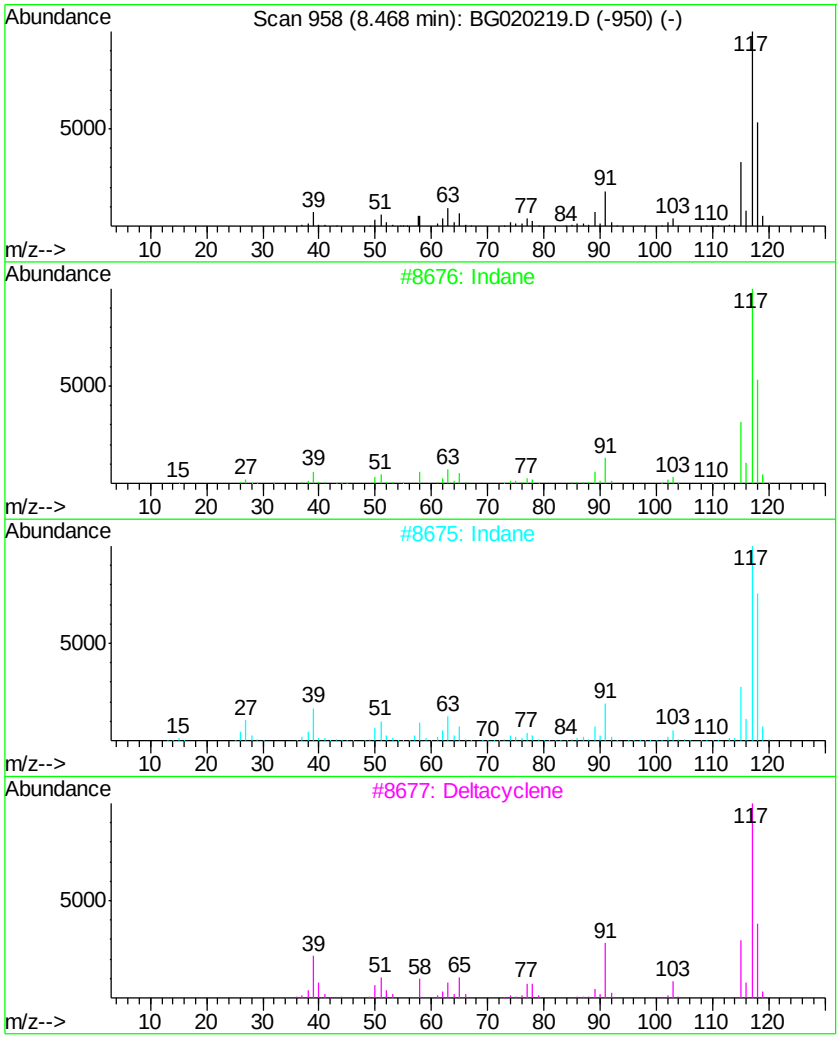
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

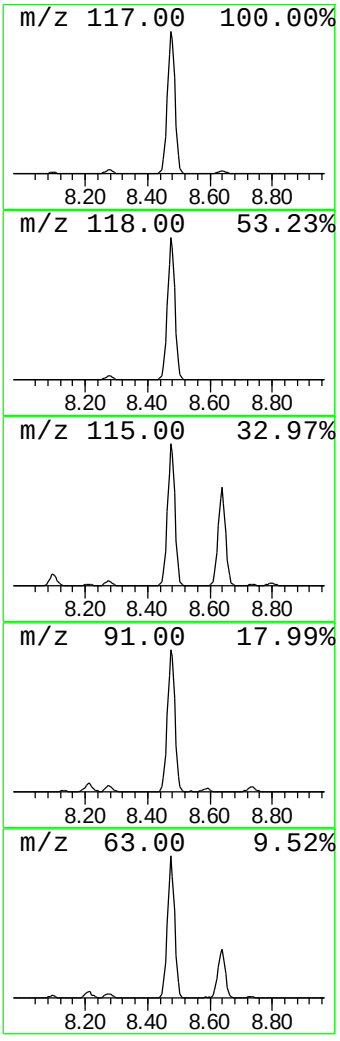
****

Peak Number 13 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	218.41 ng/ul	1178420	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	90
3	Deltacyclene	118	C9H10	007785-10-6	76
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	68





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

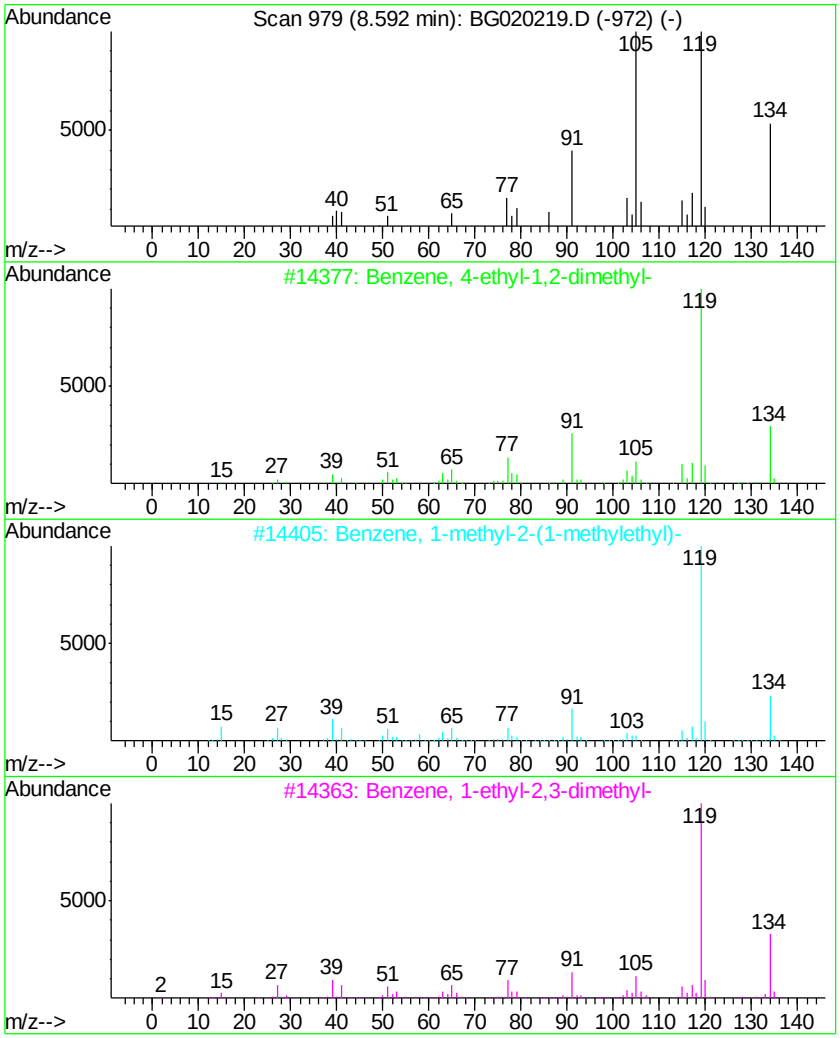
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

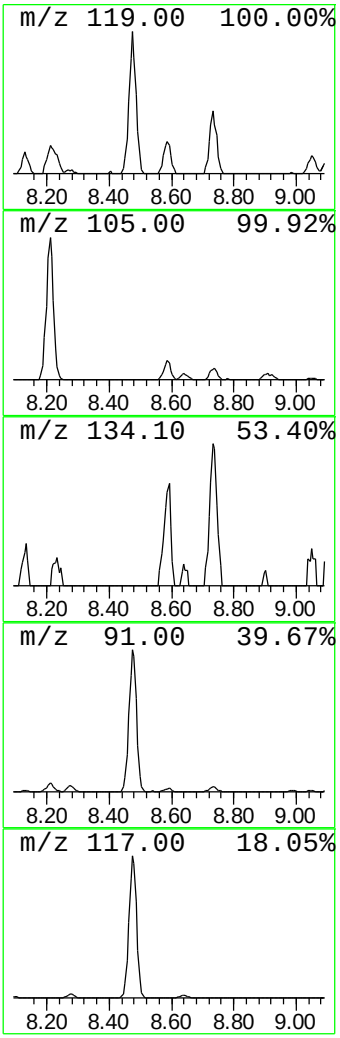
****

Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	3.44 ng/ul	18560	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	59
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

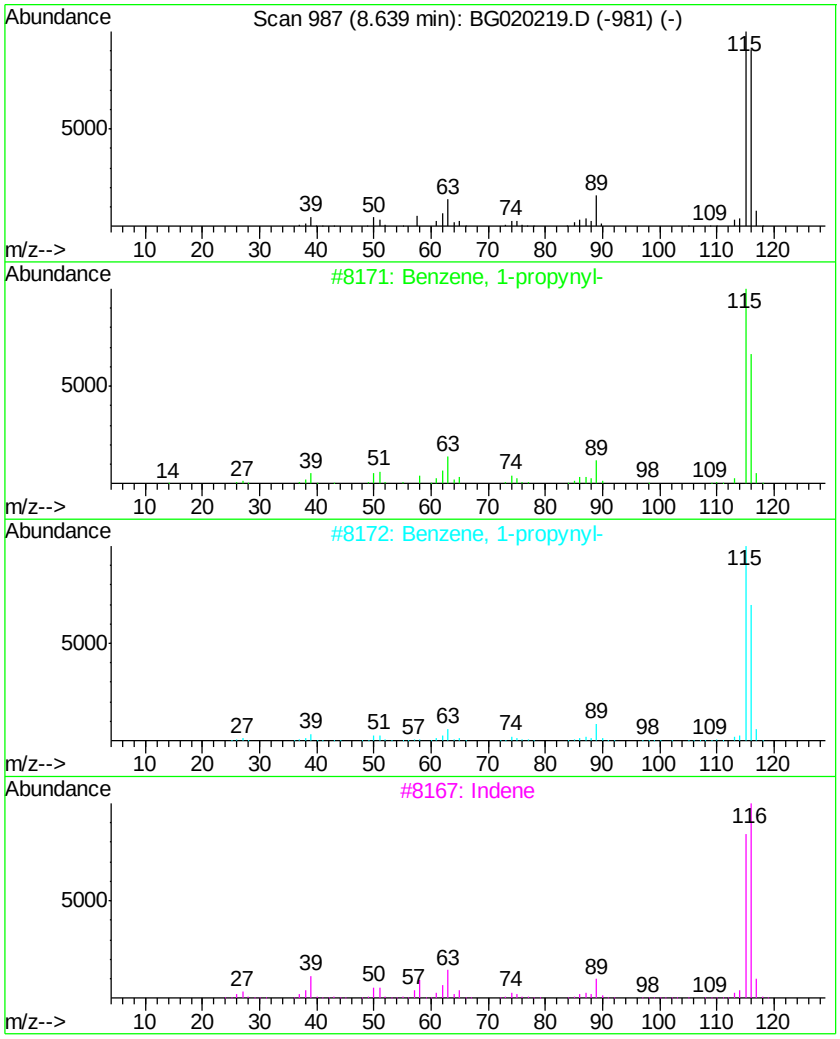
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

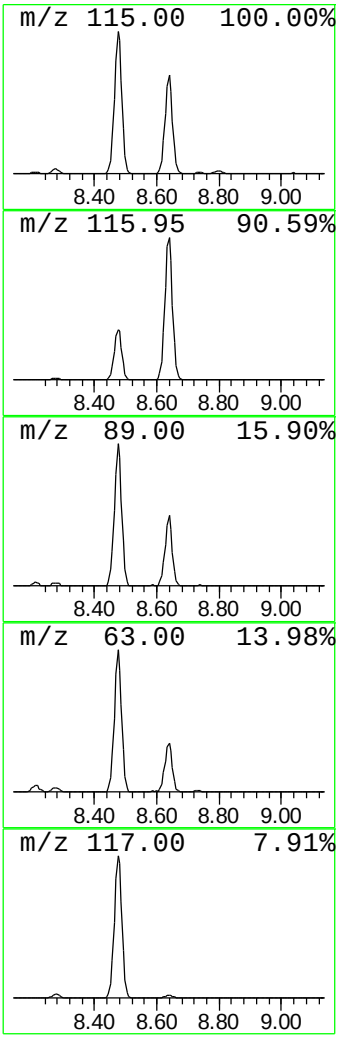
****

Peak Number 15 Benzene, 1-propynyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	50.27 ng/ul	271231	1,4-Dichlorobenzene-d4	8.10

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

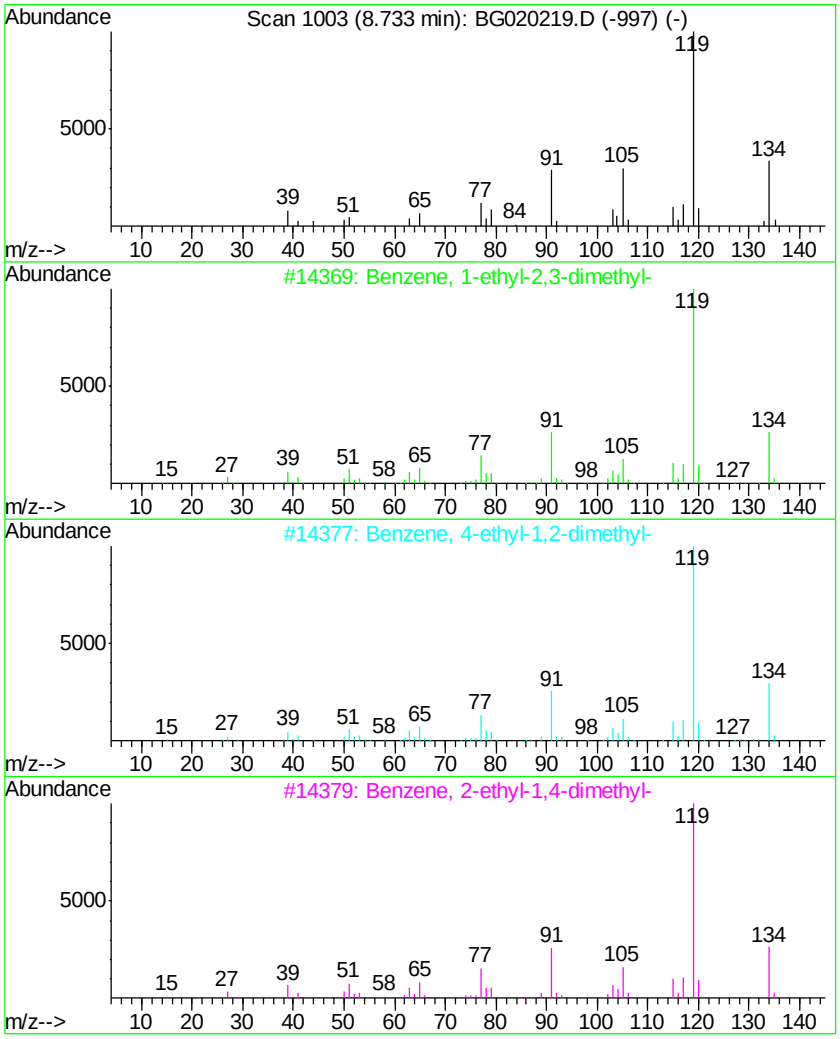
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

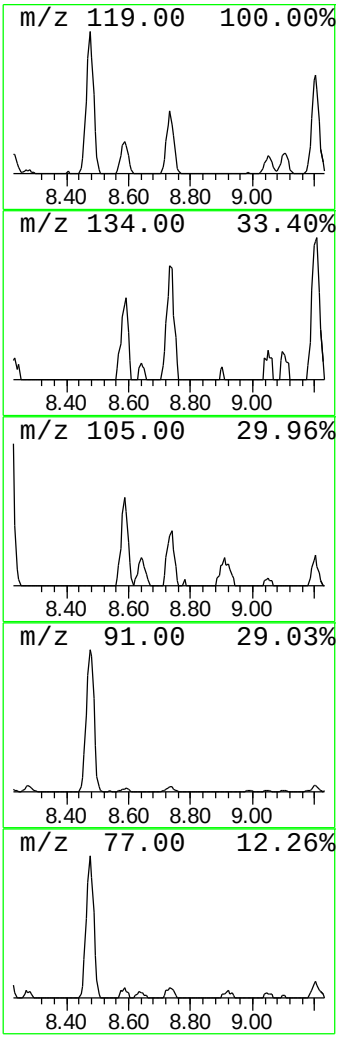
****

Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.74 ng/ul	25575	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

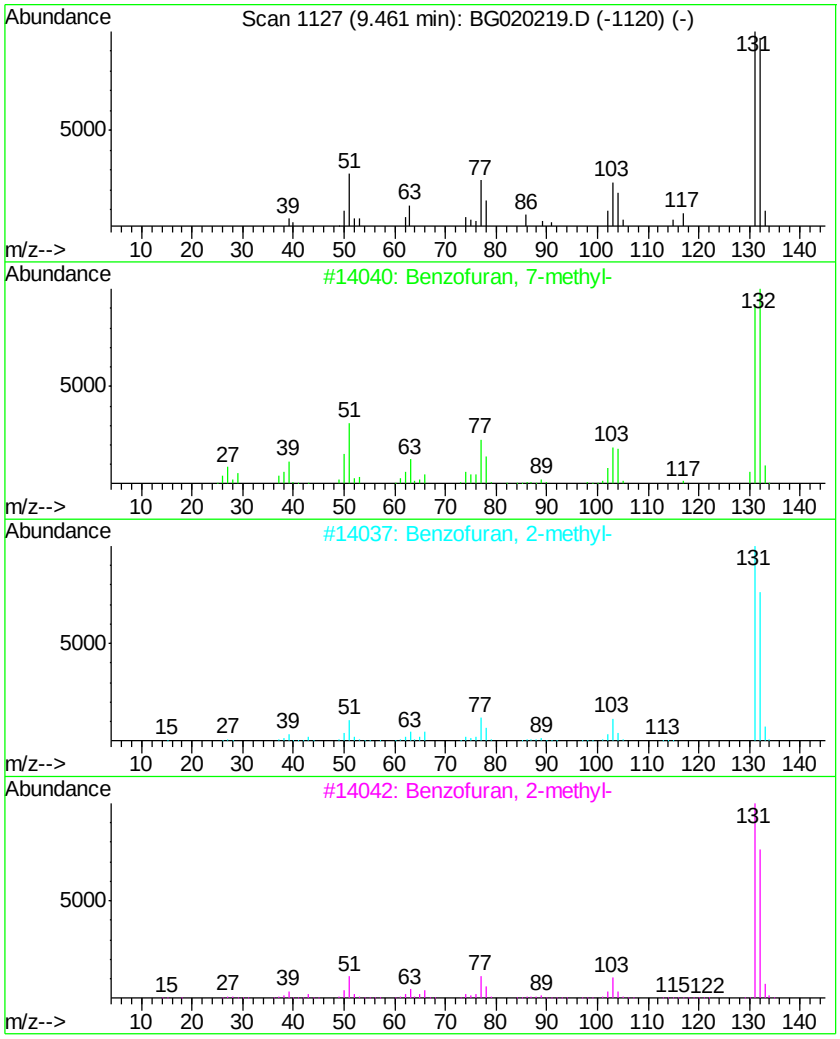
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

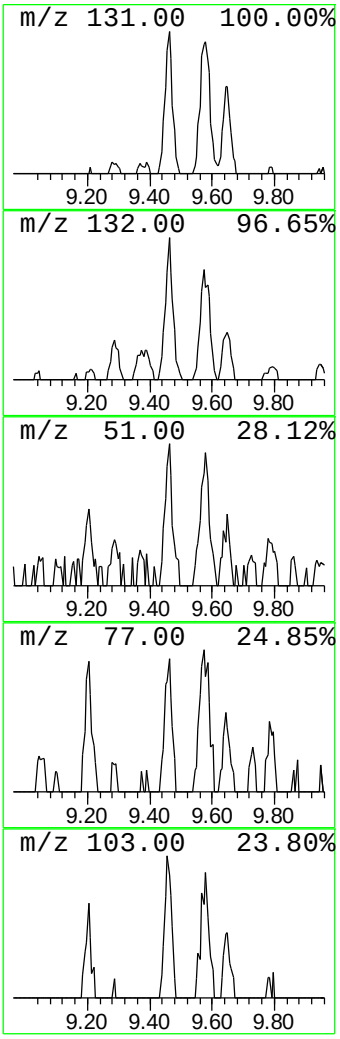
****

Peak Number 18 Benzofuran, 7-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	5.88 ng/ul	31706	1,4-Dichlorobenzene-d4	8.10

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	95
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

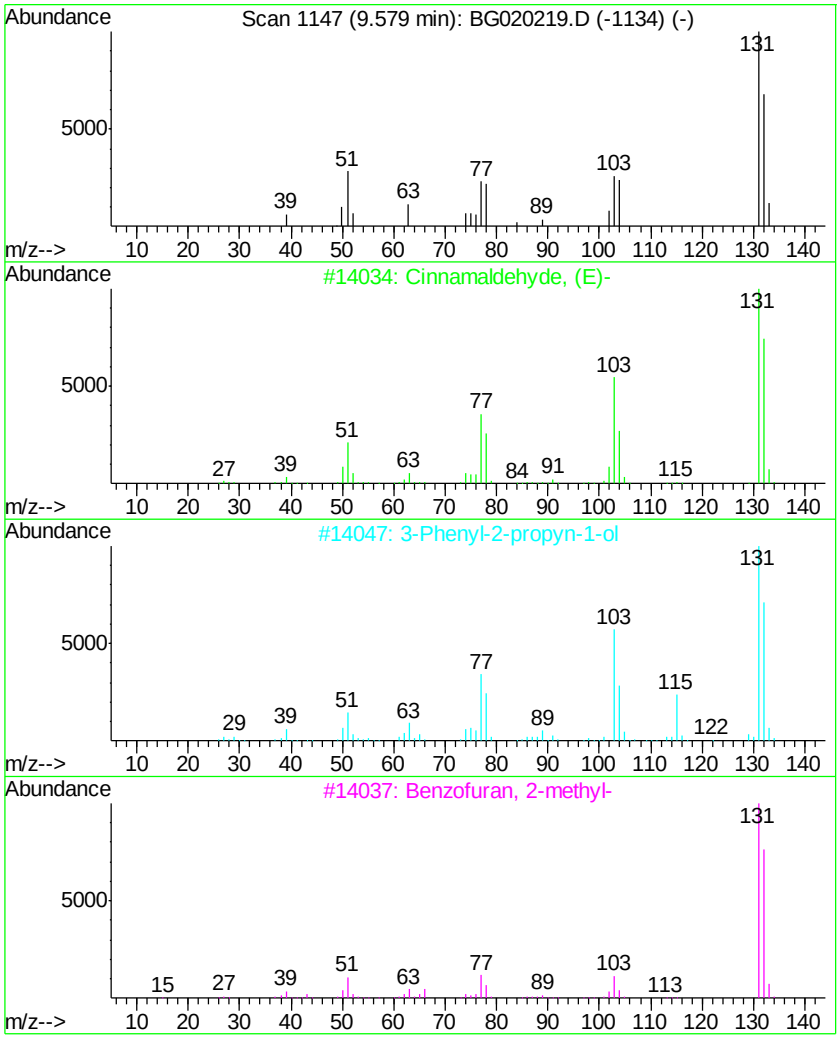
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

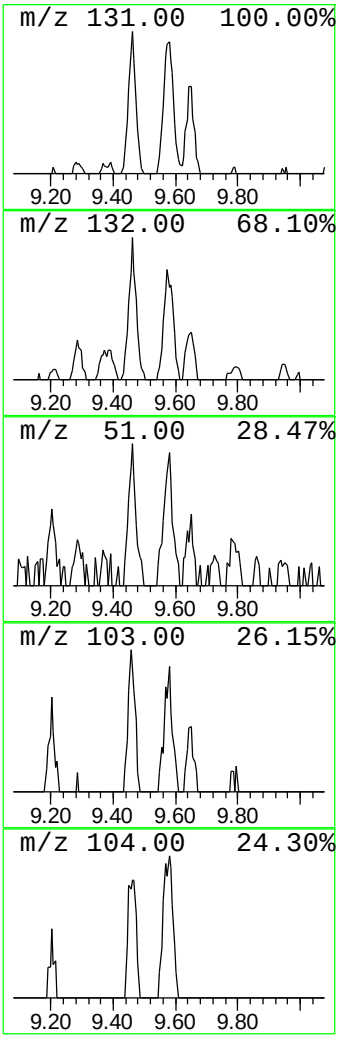
****

Peak Number 19 Cinnamaldehyde, (E)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	4.08 ng/ul	34905	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

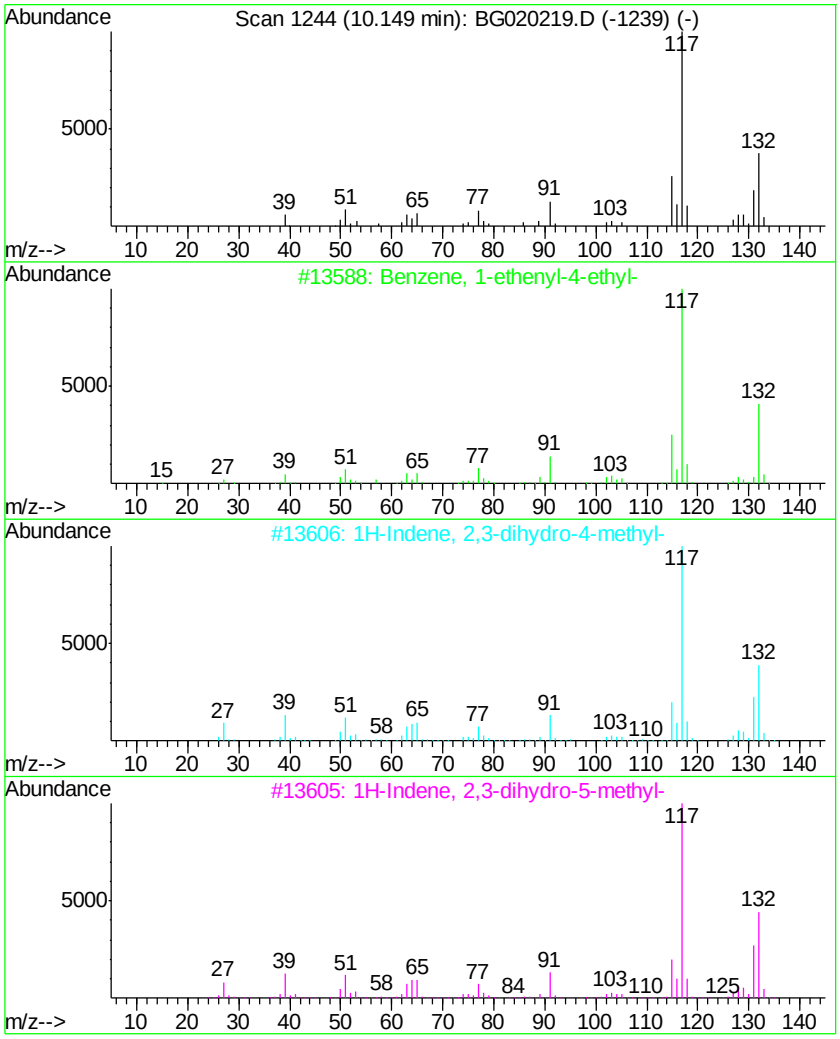
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

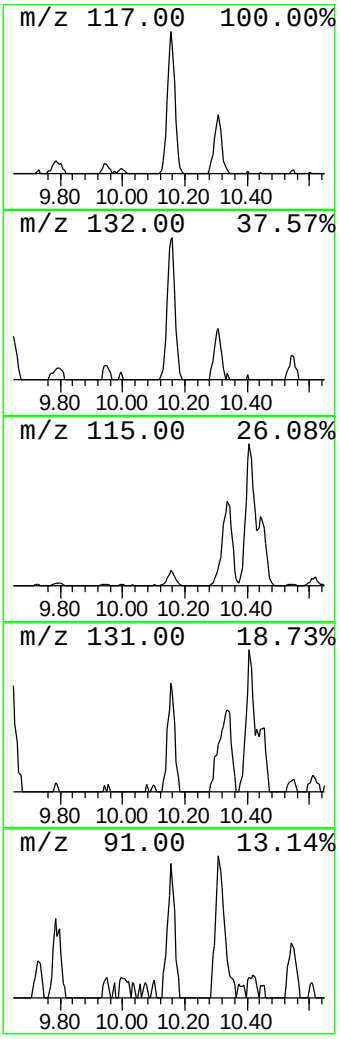
****

Peak Number 21 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	7.56 ng/ul	64651	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

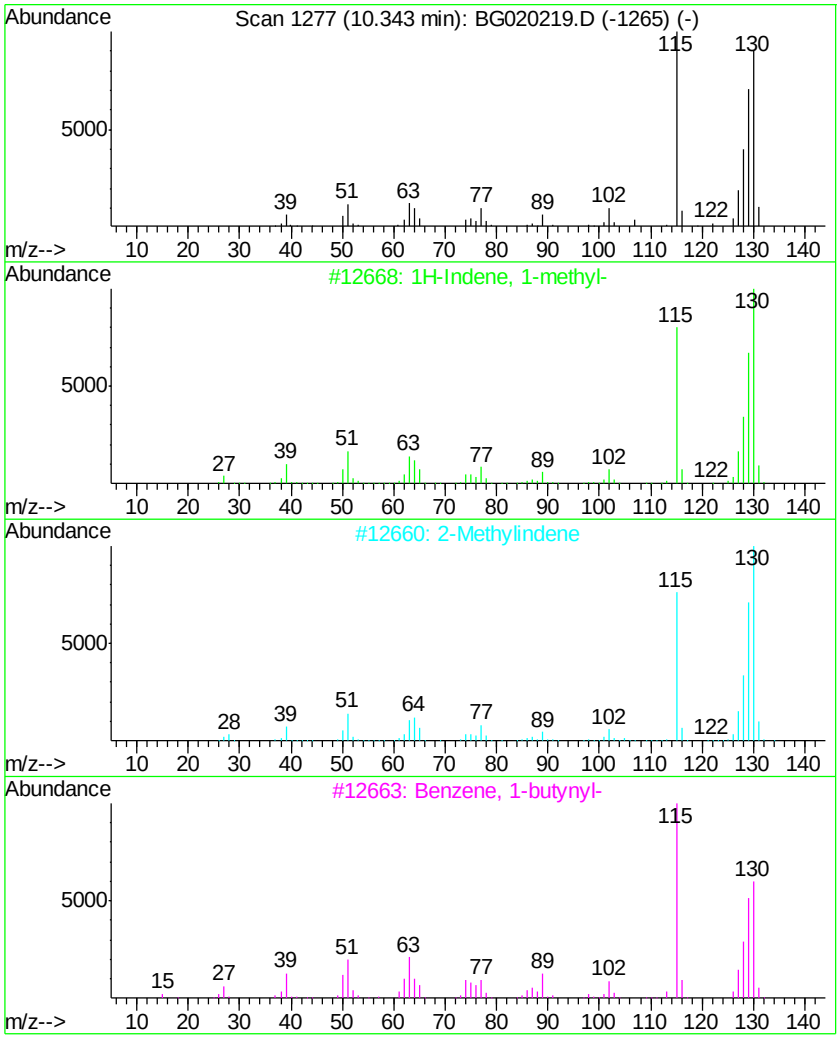
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

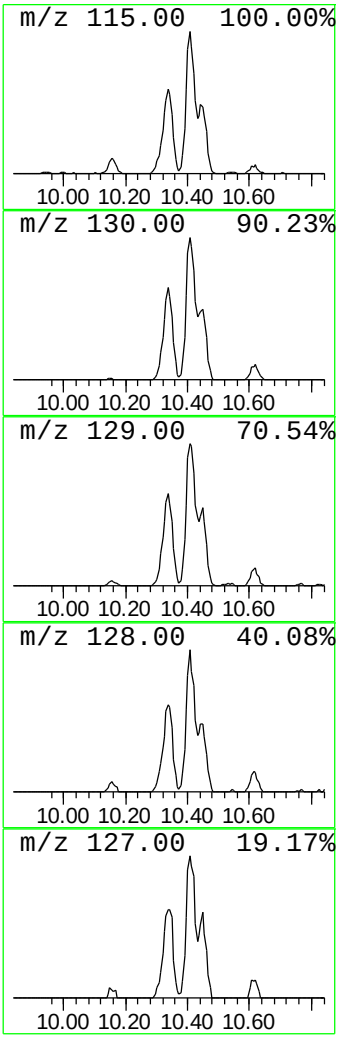
****

Peak Number 22 1H-Indene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	29.61 ng/ul	253121	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	95
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

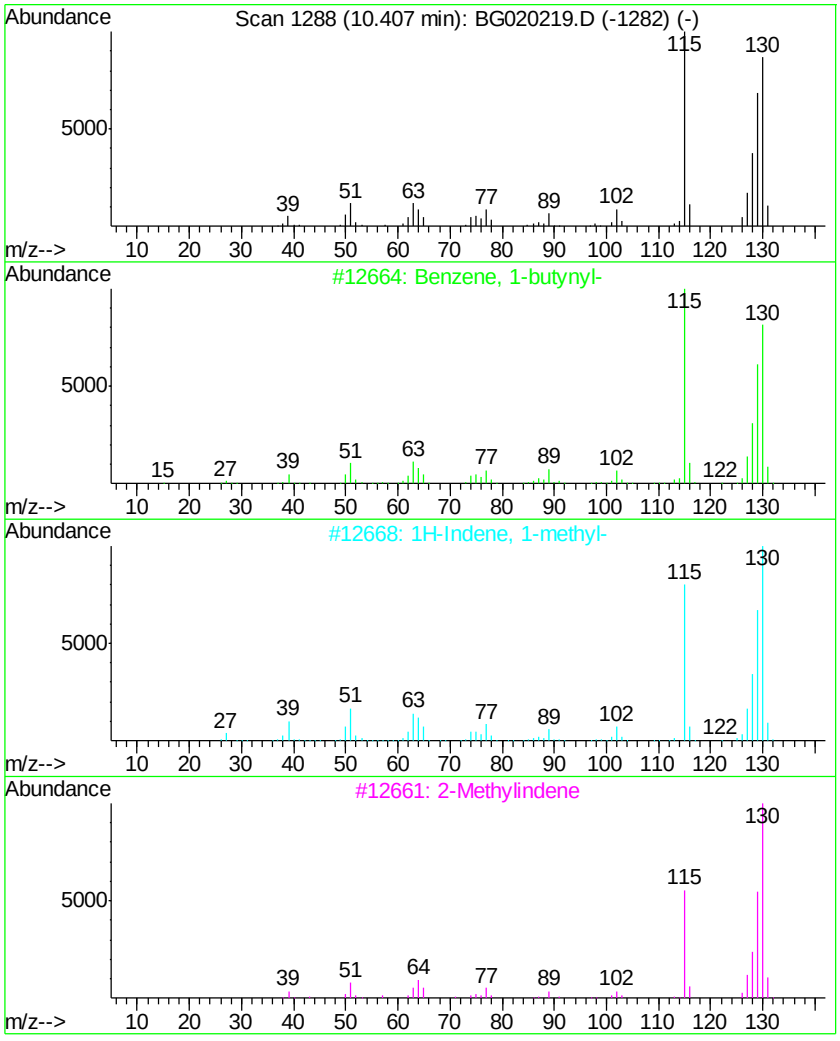
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

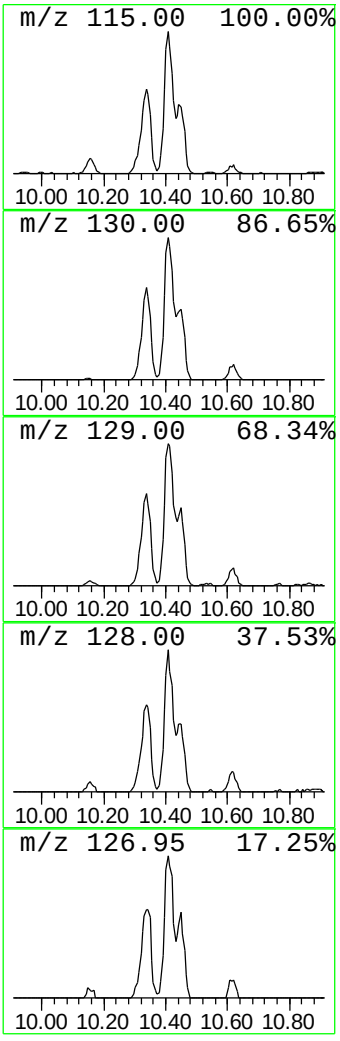
****

Peak Number 23 Benzene, 1-butynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	34.29 ng/ul	293117	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

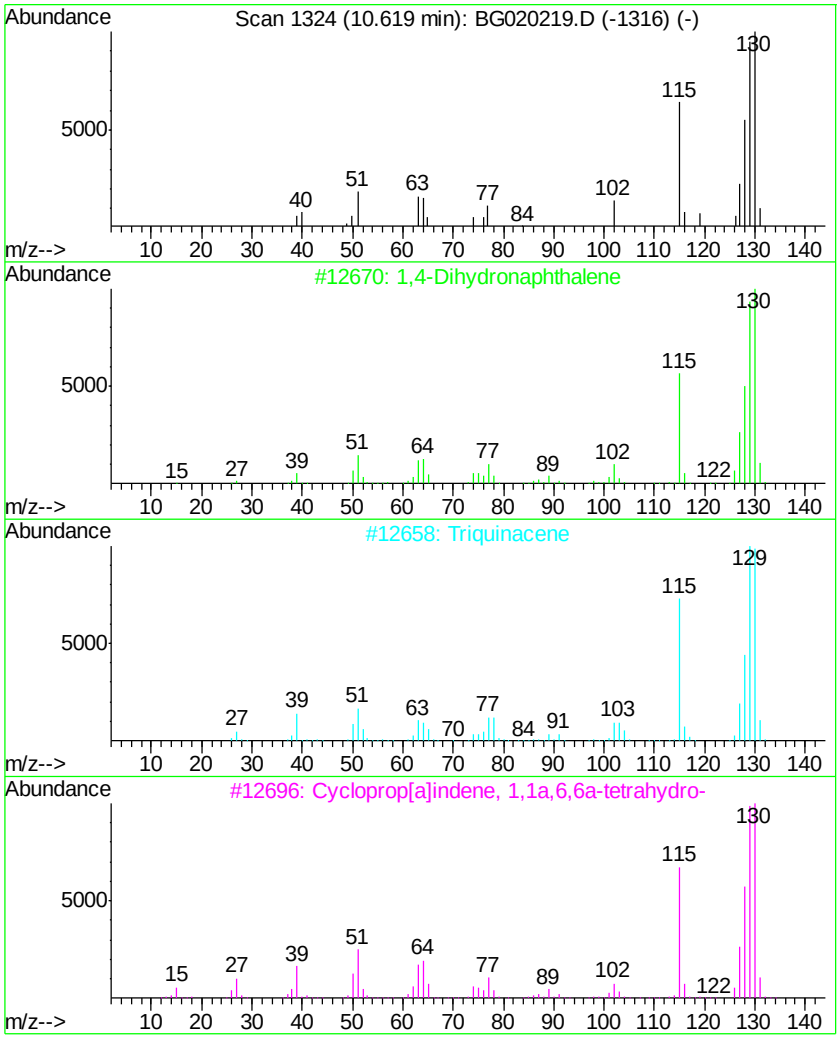
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

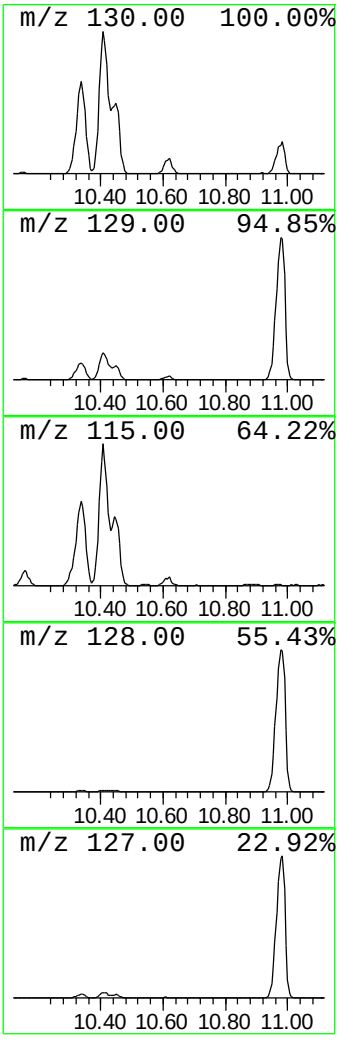
****

Peak Number 25 1,4-Dihydronaphthalene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.98 ng/ul	25508	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
2	Triquinacene	130	C10H10	006053-74-3	94
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	94
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	89





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

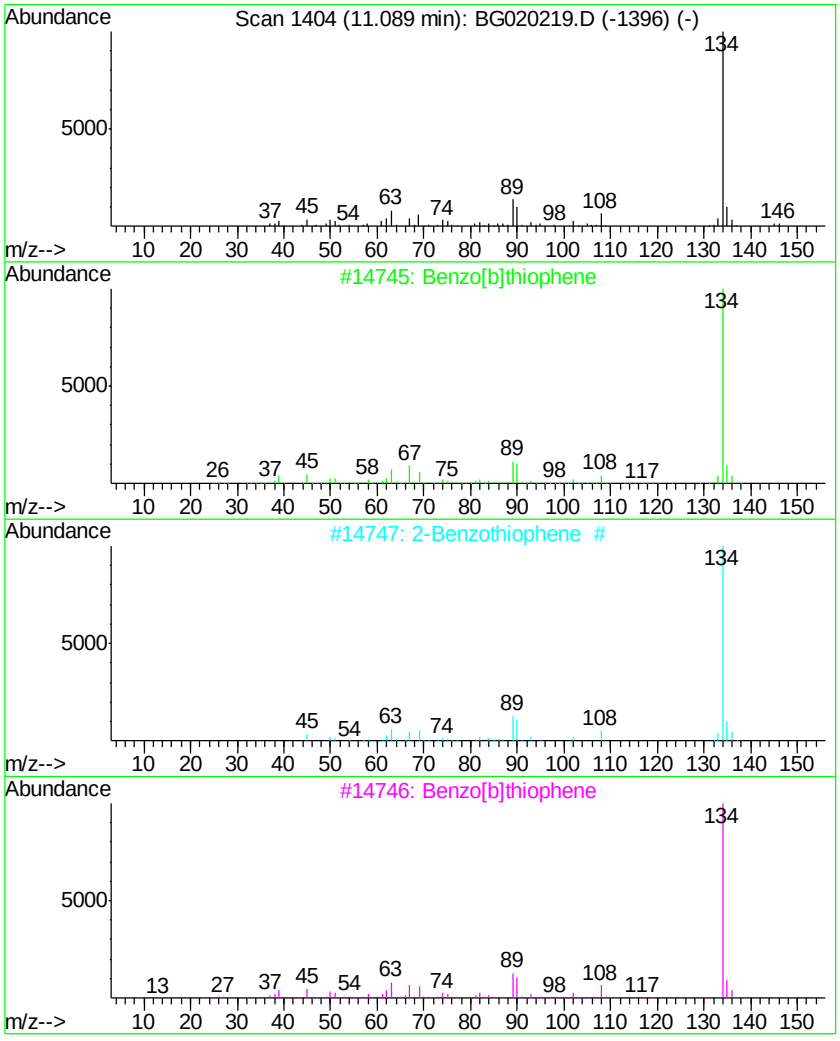
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

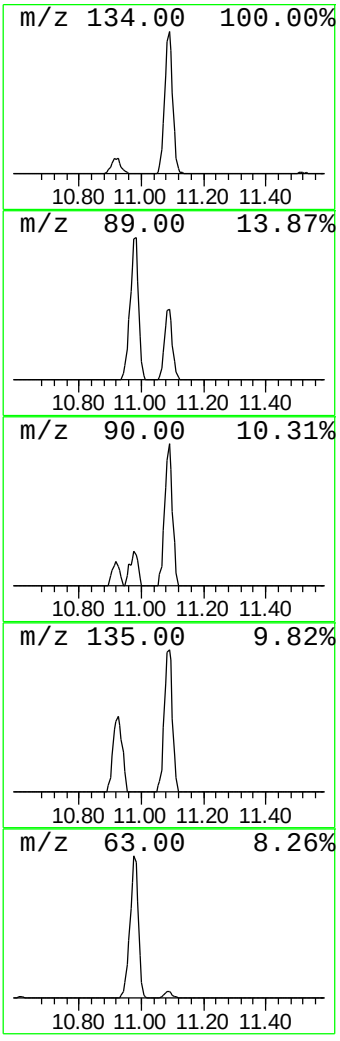
****

Peak Number 26 Benzo[b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	17.73 ng/ul	151521	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
2	2-Benzothiophene #	134	C8H6S	000270-82-6	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

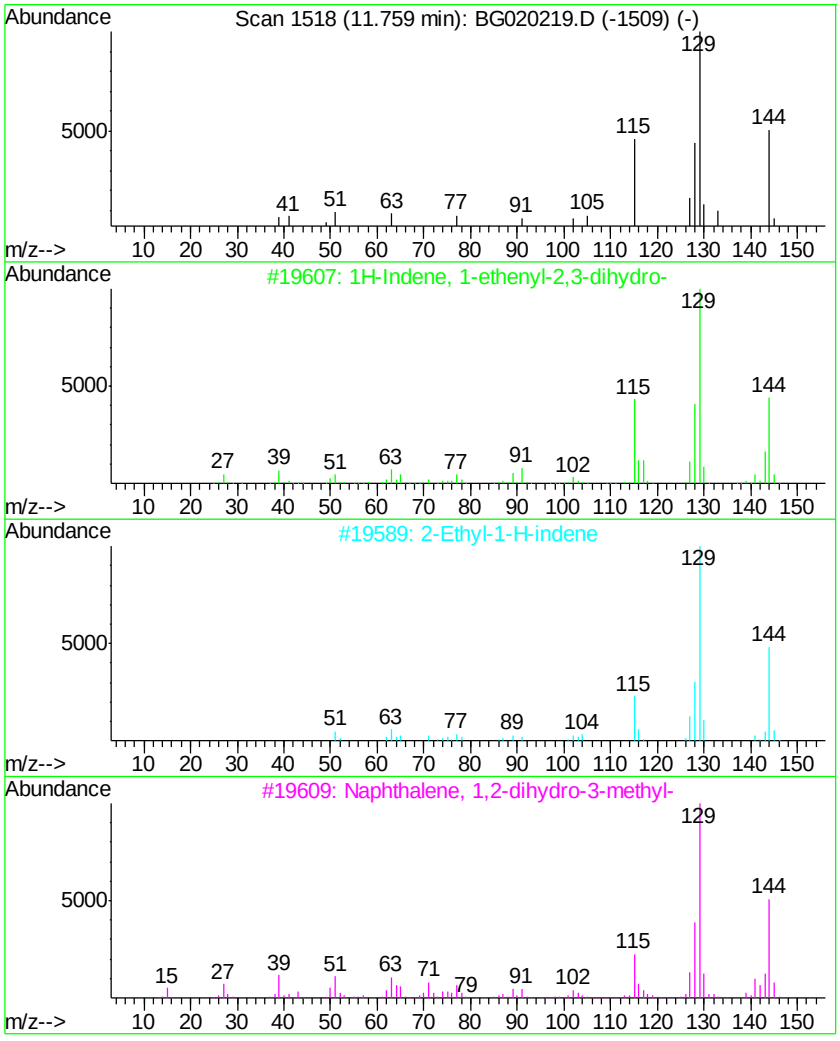
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

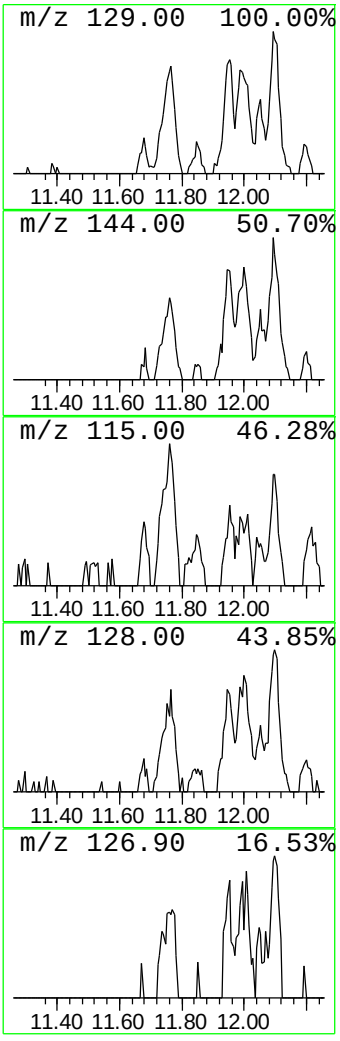
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 1-ethenyl-2,3-di... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.82 ng/ul	24101	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	90
2	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	87
3	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	83
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	72
5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

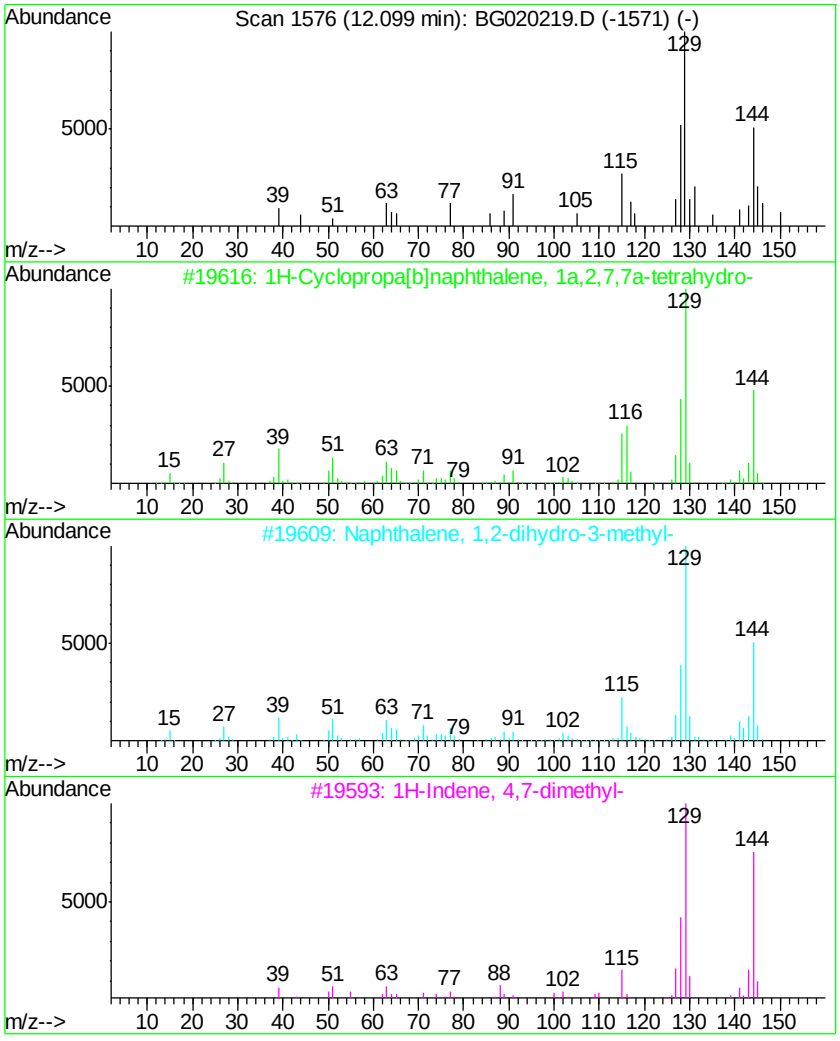
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

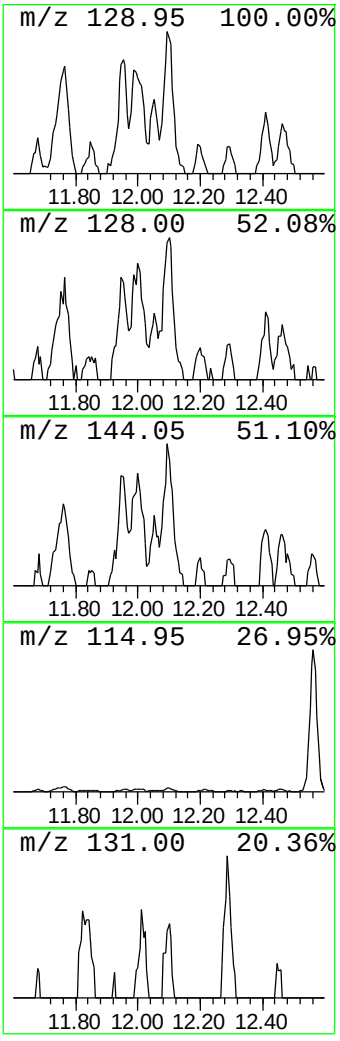
****

Peak Number 28 1H-Cyclopropa[b]naphthalene... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	3.30 ng/ul	28225	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	93
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	76
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	72
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	64
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

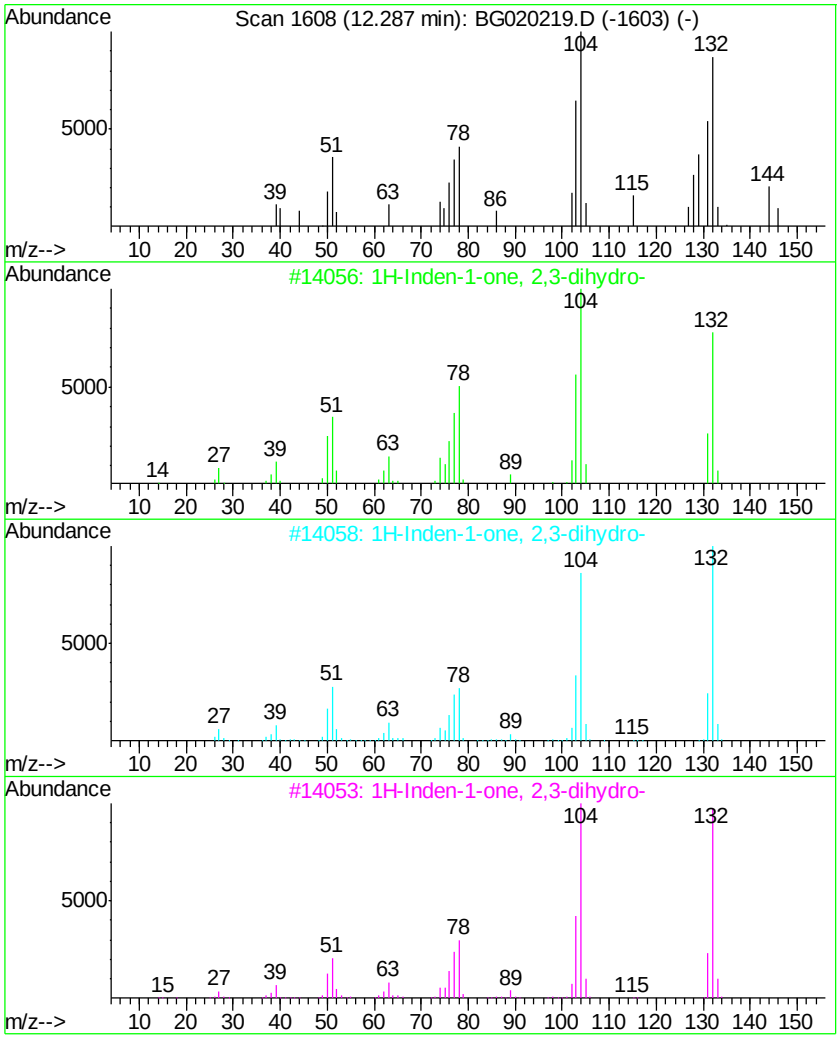
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

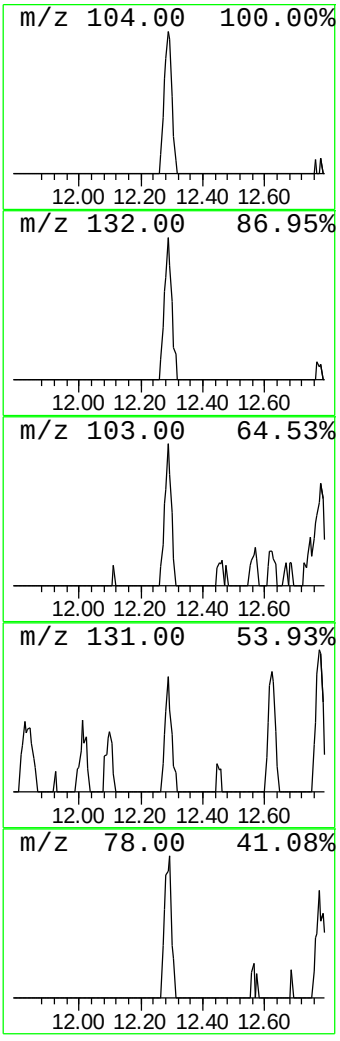
****

Peak Number 29 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.49 ng/ul	21320	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	83
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	76
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	62
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	52
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

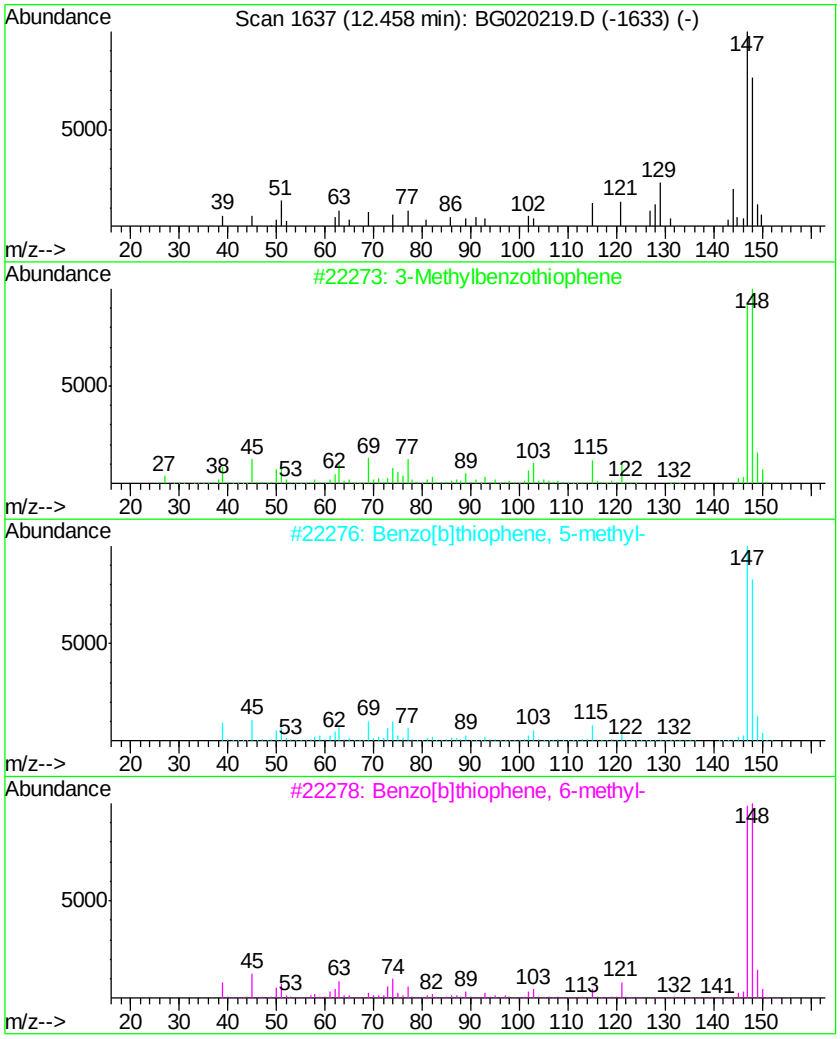
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

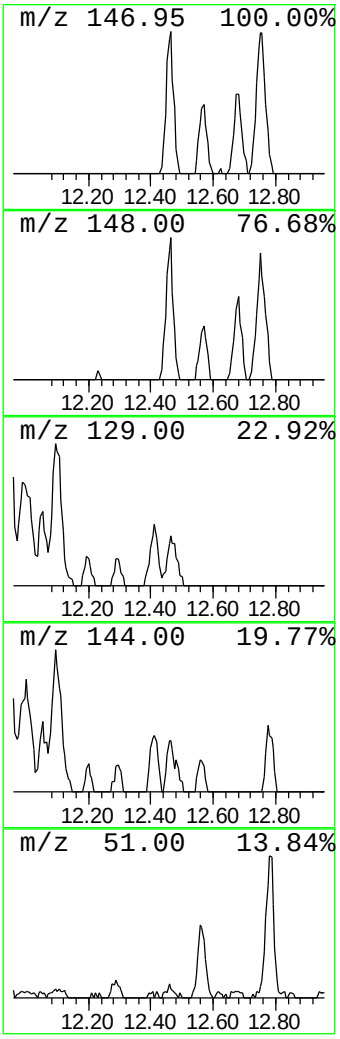
****

Peak Number 30 3-Methylbenzothiophene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.62 ng/ul	30915	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	89
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	76
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	64
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	64
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

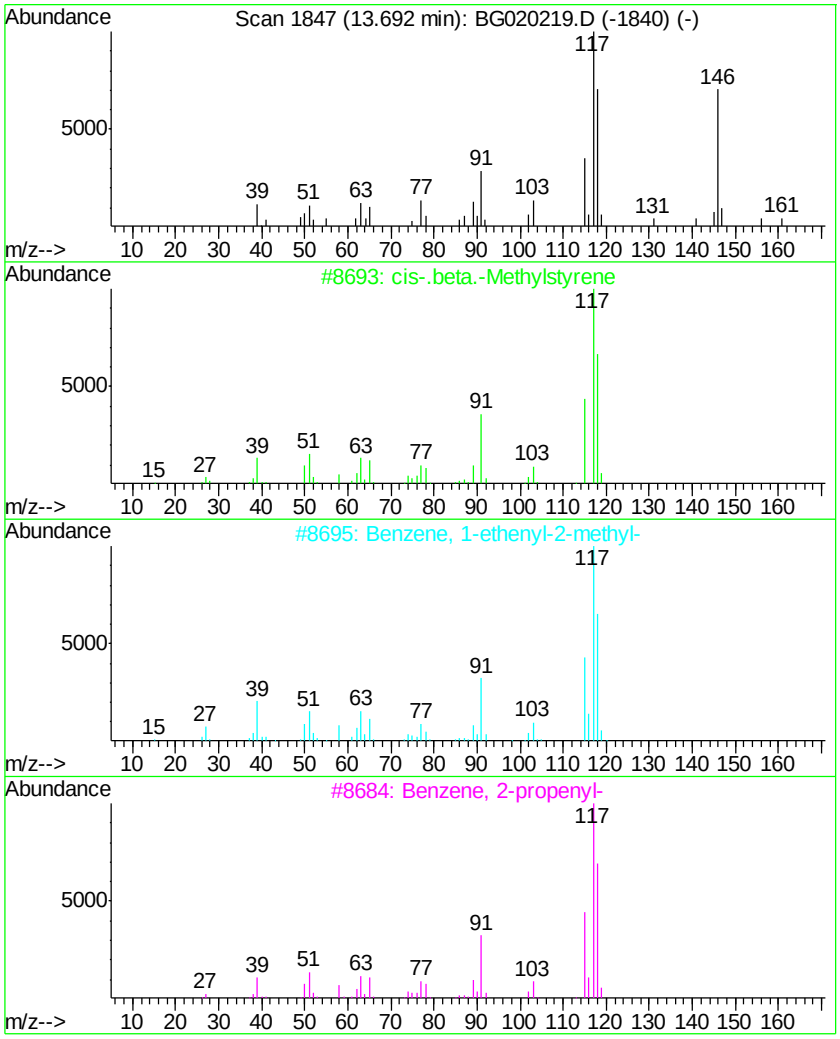
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

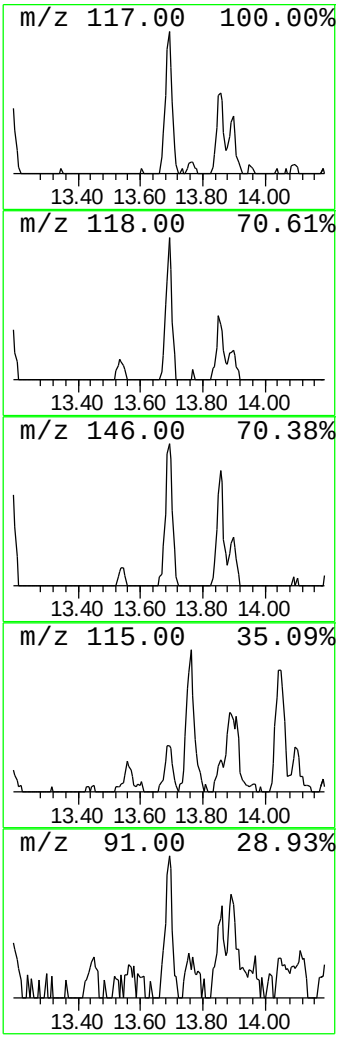
****

Peak Number 31 cis-.beta.-Methylstyrene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	2.46 ng/ul	35551	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	78
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	78
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

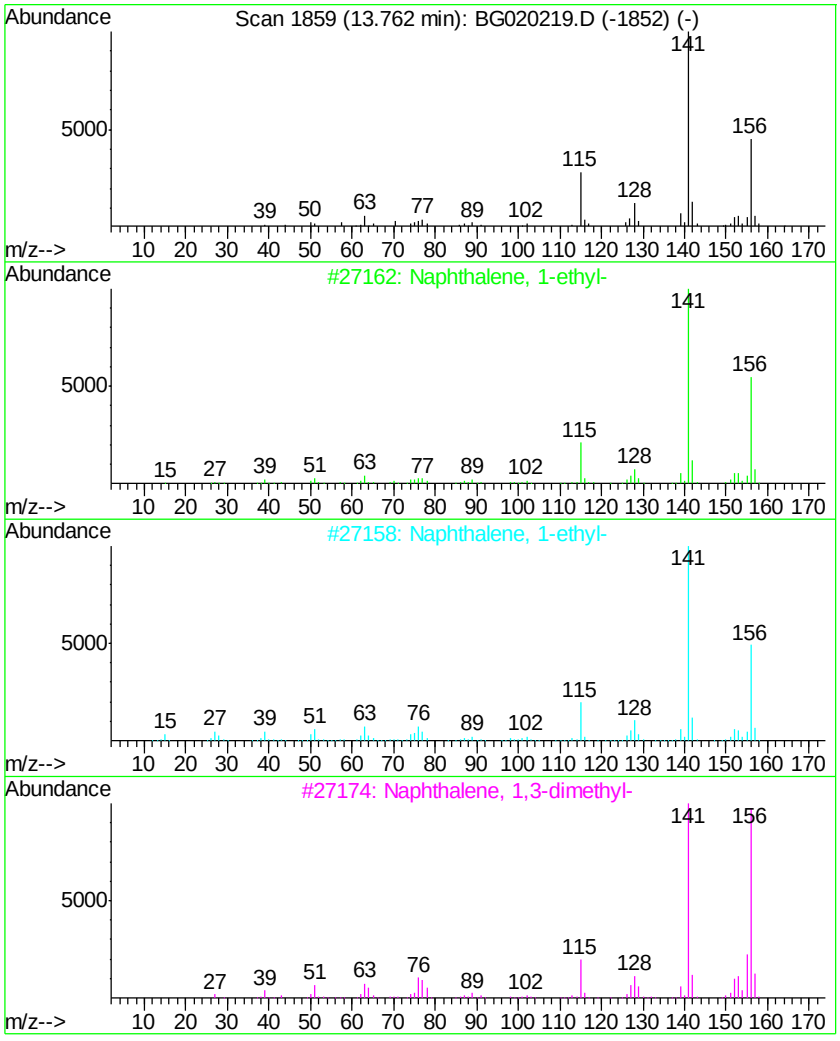
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

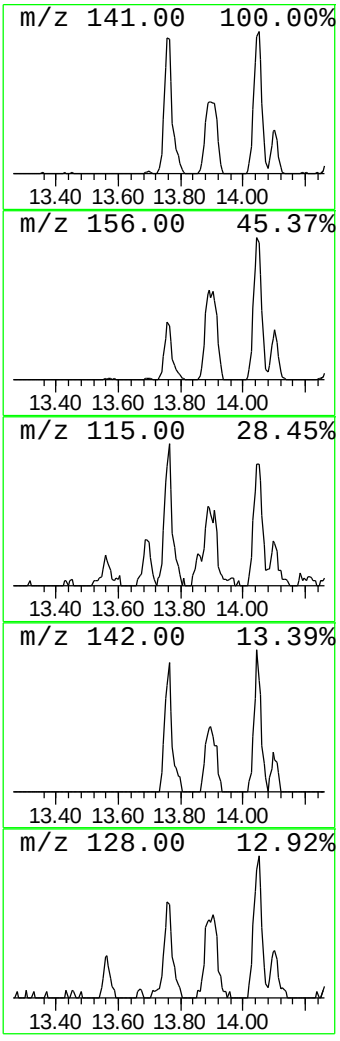
****

Peak Number 32 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.92 ng/ul	100165	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020219.D
Acq On : 16 Dec 2015 11:19
Operator : UM/SJ
Sample : G4786-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BQ4DL

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-methy...	6.57	6.4	ng/ul	34350	1	8.10	107908	20.0
Benzene, 1-ethyl-...	7.23	11.4	ng/ul	61657	1	8.10	107908	20.0
unknown-01	8.27	5.8	ng/ul	31210	1	8.10	107908	20.0
Indane	8.47	218.4	ng/ul	1178420	1	8.10	107908	20.0
Benzene, 4-ethyl-...	8.59	3.4	ng/ul	18560	1	8.10	107908	20.0
Benzene, 1-propynyl-	8.64	50.3	ng/ul	271231	1	8.10	107908	20.0
Benzene, 1-ethyl-...	8.73	4.7	ng/ul	25575	1	8.10	107908	20.0
Benzofuran, 7-met...	9.46	5.9	ng/ul	31706	1	8.10	107908	20.0
Cinnamaldehyde, (E)-	9.58	4.1	ng/ul	34905	2	10.92	170946	20.0
Benzene, 1-etheny...	10.15	7.6	ng/ul	64651	2	10.92	170946	20.0
1H-Indene, 1-methyl-	10.34	29.6	ng/ul	253121	2	10.92	170946	20.0
Benzene, 1-butynyl-	10.41	34.3	ng/ul	293117	2	10.92	170946	20.0
1,4-Dihydronaphth...	10.62	3.0	ng/ul	25508	2	10.92	170946	20.0
Benzo[b]thiophene	11.09	17.7	ng/ul	151521	2	10.92	170946	20.0
1H-Indene, 1-ethe...	11.76	2.8	ng/ul	24101	2	10.92	170946	20.0
1H-Cyclopropa[b]n...	12.10	3.3	ng/ul	28225	2	10.92	170946	20.0
1H-Inden-1-one, 2...	12.29	2.5	ng/ul	21320	2	10.92	170946	20.0
3-Methylbenzothio...	12.46	3.6	ng/ul	30915	2	10.92	170946	20.0
cis-.beta.-Methyl...	13.69	2.5	ng/ul	35551	3	14.73	289387	20.0
Naphthalene, 1-et...	13.76	6.9	ng/ul	100165	3	14.73	289387	20.0