LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG051315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.771	8	14	24	rBV2	67836	149930	6.80%	0.416%
2	2.853	24	28	45	rVB	301079	475749	21.58%	1.319%
3	4.803	353	360	366	rBV	28378	43382	1.97%	0.120%
4	4.886	366	374	381	rVB6	10177	28662	1.30%	0.079%
5	5.285	429	442	456	rVB	364246	598794	27.16%	1.660%
6	5.573	487	491	496	rBV2	29126	43857	1.99%	0.122%
7	5.726	512	517	523	rBV3	20043	34619	1.57%	0.096%
8	5.961	553	557	564	rVB	20902	30564	1.39%	0.085%
9	6.437	630	638	646	rVB6	12563	31720	1.44%	0.088%
10	6.537	646	655	659	rBV5	19003	38342	1.74%	0.106%
11	6.895	707	716	723	rBV	247557	399826	18.14%	1.109%
12	7.230	766	773	784	rVB	659679	1051427	47.70%	2.915%
13	7.336	784	791	798	rVB8	13344	30228	1.37%	0.084%
14	7.424	798	806	809	rBV4	15773	25677	1.16%	0.071%
15	7.512	815	821	824	rBV5	13624	25285	1.15%	0.070%
16	7.682	843	850	856	rBV	152038	258319	11.72%	0.716%
17	7.806	864	871	876	rVB7	20423	48897	2.22%	0.136%
18	7.965	888	898	899	rBV3	35336	61109	2.77%	0.169%
19	8.000	899	904	910	rVV	564661	925218	41.97%	2.565%
20	8.047	910	912	916	rVB2	22153	28854	1.31%	0.080%
21	8.170	927	933	938	rVB7	14623	24466	1.11%	0.068%
22	8.446	972	980	984	rBV2	45077	85318	3.87%	0.237%
23	8.640	1005	1013	1018	rBV6	23753	58314	2.65%	0.162%
24	8.787	1027	1038	1042	rBV6	44588	133577	6.06%	0.370%
25	8.846	1042	1048	1055	rVV	502448	845329	38.35%	2.344%
26	8.969	1063	1069	1073	rVB5	25514	48583	2.20%	0.135%
27	9.034	1076	1080	1086	rVV8	14611	28053	1.27%	0.078%
28	9.110	1087	1093	1097	rVV6	55126	107662	4.88%	0.299%
29	9.175	1098	1104	1110	rVB4	51067	116217	5.27%	0.322%
30	9.304	1122	1126	1134	rVB4	39680	63660	2.89%	0.177%
31	9.580	1162	1173	1179	rVB4	106258	297193	13.48%	0.824%
32	9.692	1184	1192	1207	rVB4	42798	181968	8.26%	0.505%
33	9.886	1212	1225	1231	rBV6	118516	319288	14.48%	0.885%
34	9.945	1231	1235	1239	rVB2	35089	50045	2.27%	0.139%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG051315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.986	1239	1242	1245	rBV3	22857	33106	1.50%	0.092%
36	10.285	1278	1293	1296	rBV5	114127	363172	16.48%	1.007%
37	10.326	1297	1300	1306	rVB4	72762	123716	5.61%	0.343%
38	10.409	1306	1314	1318	rBV2	79515	175246	7.95%	0.486%
39	10.473	1318	1325	1331	rBV	245168	427635	19.40%	1.186%
40	10.702	1356	1364	1368	rBV4	103540	211950	9.62%	0.588%
41	10.808	1377	1382	1384	rBV5	18453	33001	1.50%	0.091%
42	10.932	1399	1403	1408	rBV5	45738	88587	4.02%	0.246%
43	11.061	1419	1425	1430	rBV6	60246	121279	5.50%	0.336%
44	11.114	1430	1434	1441	rVB6	50788	118638	5.38%	0.329%
45	11.308	1460	1467	1471	rBV	156202	362122	16.43%	1.004%
46	11.419	1483	1486	1490	rVB3	79923	121976	5.53%	0.338%
47	11.584	1503	1514	1520	rBV9	127650	457270	20.74%	1.268%
48	11.789	1542	1549	1556	rBV8	106199	295620	13.41%	0.820%
49	11.860	1556	1561	1566	rBV6	105523	221658	10.06%	0.615%
50	11.977	1578	1581	1584	rBV5	44900	68561	3.11%	0.190%
51	12.024	1584	1589	1597	rVB7	161231	408511	18.53%	1.133%
52	12.124	1603	1606	1610	rBV6	56592	90113	4.09%	0.250%
53	12.218	1616	1622	1628	rBV4	196524	390518	17.72%	1.083%
54	12.301	1628	1636	1638	rVV7	82367	232780	10.56%	0.645%
55	12.365	1642	1647	1658	rVB5	446568	1017046	46.14%	2.820%
56	12.547	1674	1678	1681	rBV4	101986	173035	7.85%	0.480%
57	12.747	1708	1712	1715	rBV4	113644	192110	8.72%	0.533%
58	12.823	1722	1725	1728	rBV5	62137	93106	4.22%	0.258%
59	12.953	1742	1747	1753	rVB	1292230	1945522	88.26%	5.394%
60	13.147	1775	1780	1784	rBV4	188365	393204	17.84%	1.090%
61	13.205	1788	1790	1793	rVV2	69166	96002	4.36%	0.266%
62	13.305	1803	1807	1811	rVB	301801	431552	19.58%	1.197%
63	13.393	1818	1822	1828	rVB5	145539	279784	12.69%	0.776%
64	13.458	1828	1833	1834	rBV4	113993	175048	7.94%	0.485%
65	13.511	1840	1842	1847	rVB	305393	350400	15.90%	0.972%
66	13.581	1850	1854	1860	rVB6	165274	358775	16.28%	0.995%
67	13.822	1892	1895	1909	rVB8	329871	1105332	50.14%	3.065%
68	14.063	1932	1936	1940	rBV6	115753	185879	8.43%	0.515%
69	14.163	1950	1953	1960	rVB2	320082	463910	21.05%	1.286%
70	14.263	1961	1970	1977	rBV5	352776	850257	38.57%	2.357%
71	14.345	1979	1984	1989	rBV3	646570	1272934	57.75%	3.529%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG051315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.510	2008	2012	2016	rBV	405187	569994	25.86%	1.580%
73	14.668	2035	2039	2047	rBV5	563619	1025357	46.52%	2.843%
74	14.915	2078	2081	2083	rBV2	194051	265233	12.03%	0.735%
75	15.050	2101	2104	2106	rBV3	137082	183891	8.34%	0.510%
76	15.086	2106	2110	2121	rVB8	328563	669240	30.36%	1.856%
77	15.180	2122	2126	2134	rBV4	455218	879943	39.92%	2.440%
78	15.467	2171	2175	2180	rVB4	383083	644142	29.22%	1.786%
79	15.814	2228	2234	2236	rBV3	956321	1739333	78.91%	4.823%
80	15.843	2237	2239	2246	rVB	1106403	1247702	56.60%	3.459%
81	16.073	2275	2278	2289	rVB4	316802	749813	34.02%	2.079%
82	16.173	2290	2295	2299	rBV4	307579	583635	26.48%	1.618%
83	17.048	2440	2444	2447	rBV3	332659	475001	21.55%	1.317%
84	17.301	2483	2487	2496	rVB2	892916	1485742	67.40%	4.119%
85	17.812	2570	2574	2585	rBV2	580407	1434730	65.09%	3.978%
86	19.727	2895	2900	2906	rBV	1650566	2204292	100.00%	6.112%
87	20.491	3027	3030	3036	rVB	243415	312469	14.18%	0.866%
88	21.278	3160	3164	3168	rVB	535343	656615	29.79%	1.821%
89	23.529	3543	3547	3557	rVB	287463	520096	23.59%	1.442%

Sum of corrected areas: 36066715

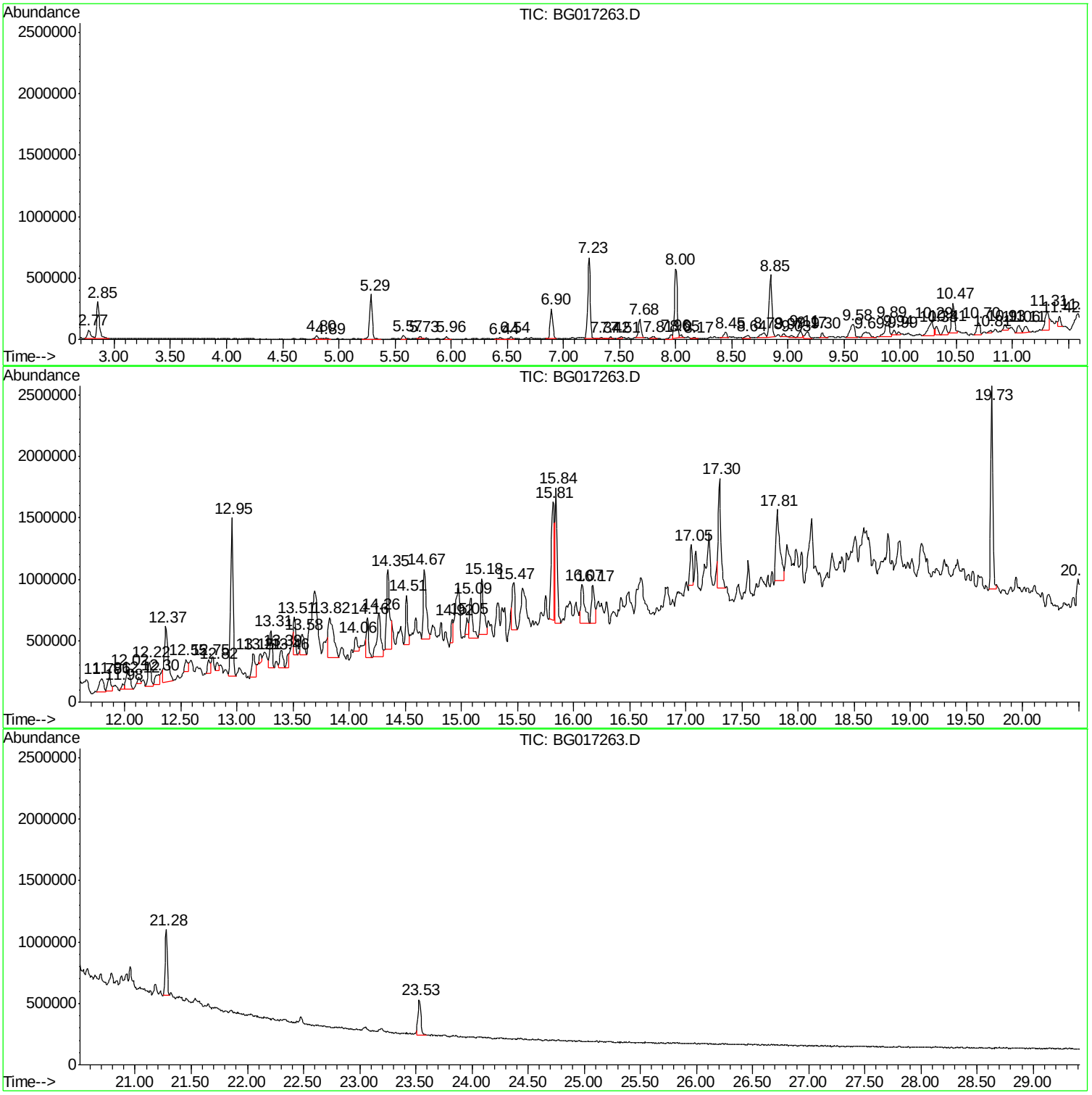
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

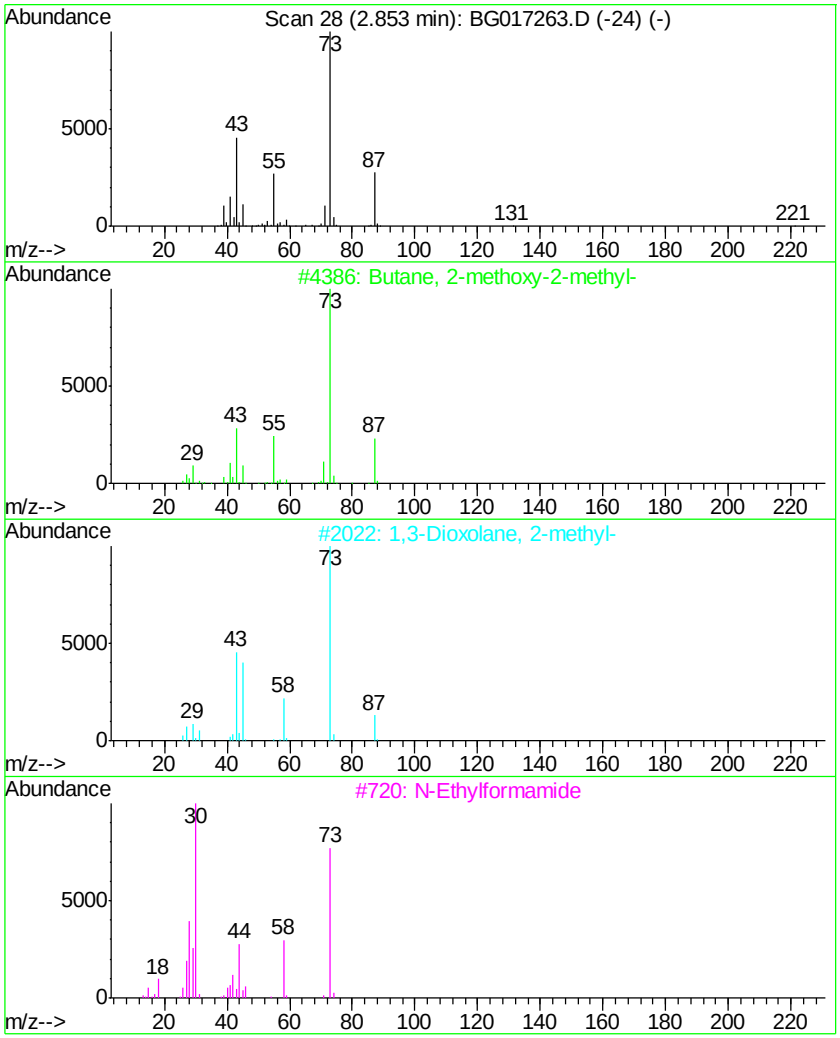
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

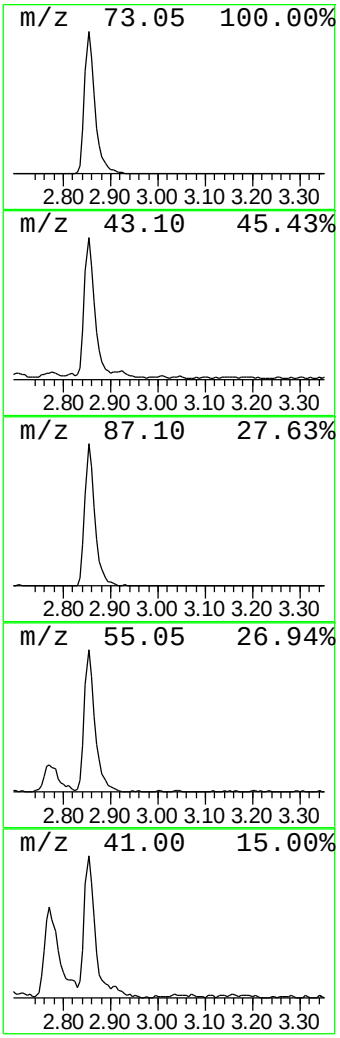
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	36.83 ng	475749	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

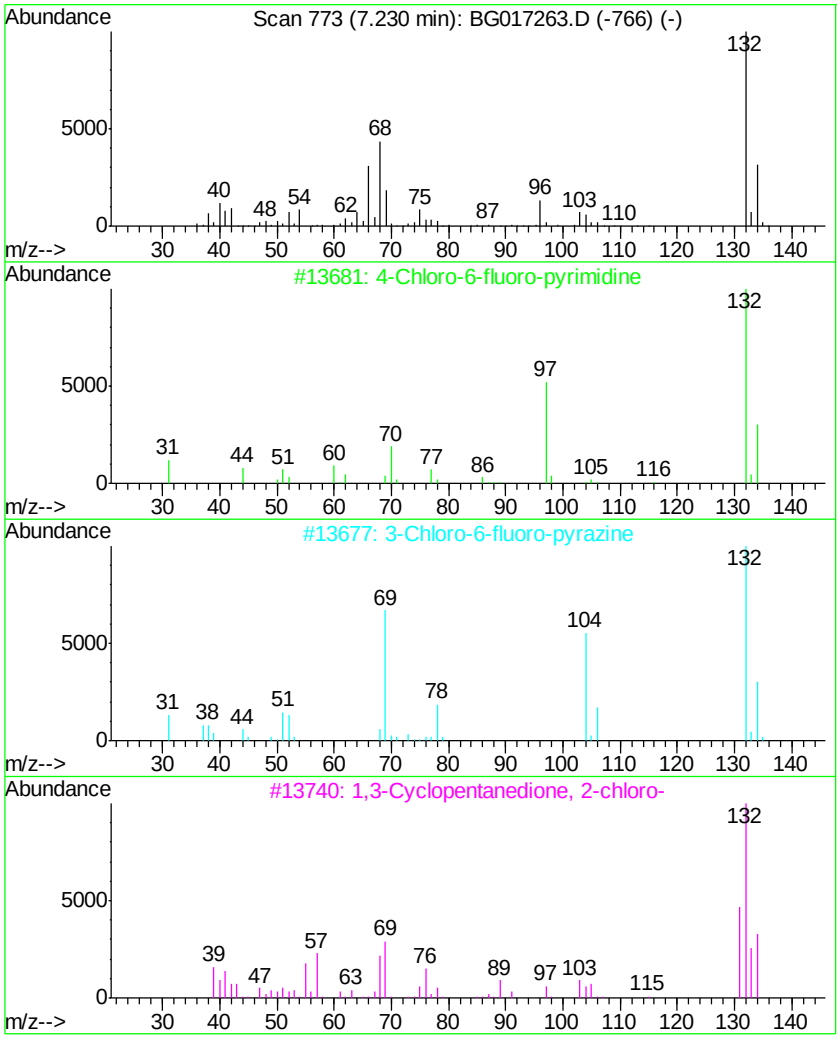
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

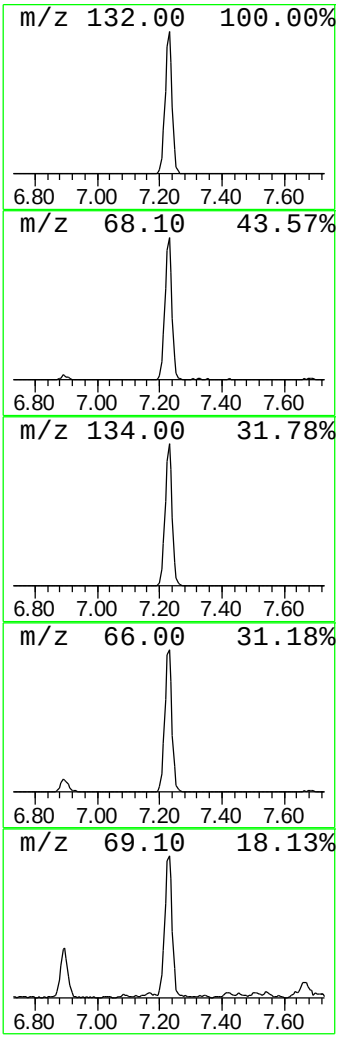
****

Peak Number 2 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	81.41 ng	1051430	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

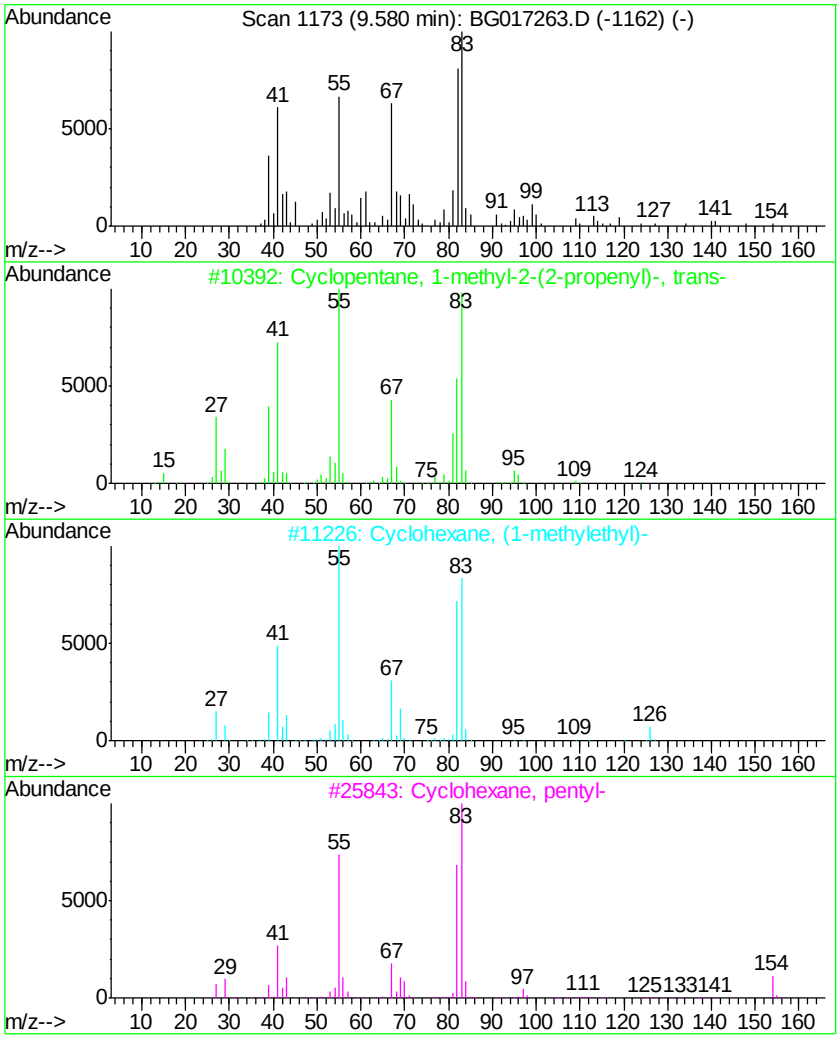
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

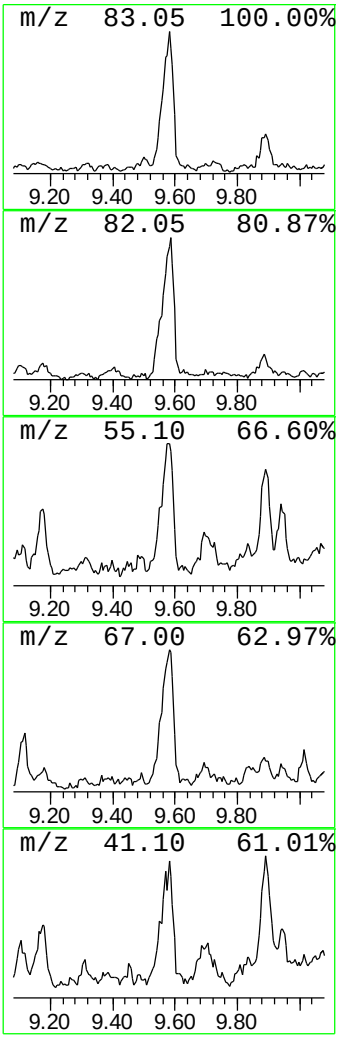
****

Peak Number 4 Cyclopentane, 1-methyl-2-(2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	13.90 ng	297193	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	74
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
5	n-Amylcyclohexane	154	C11H22	029949-27-7	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

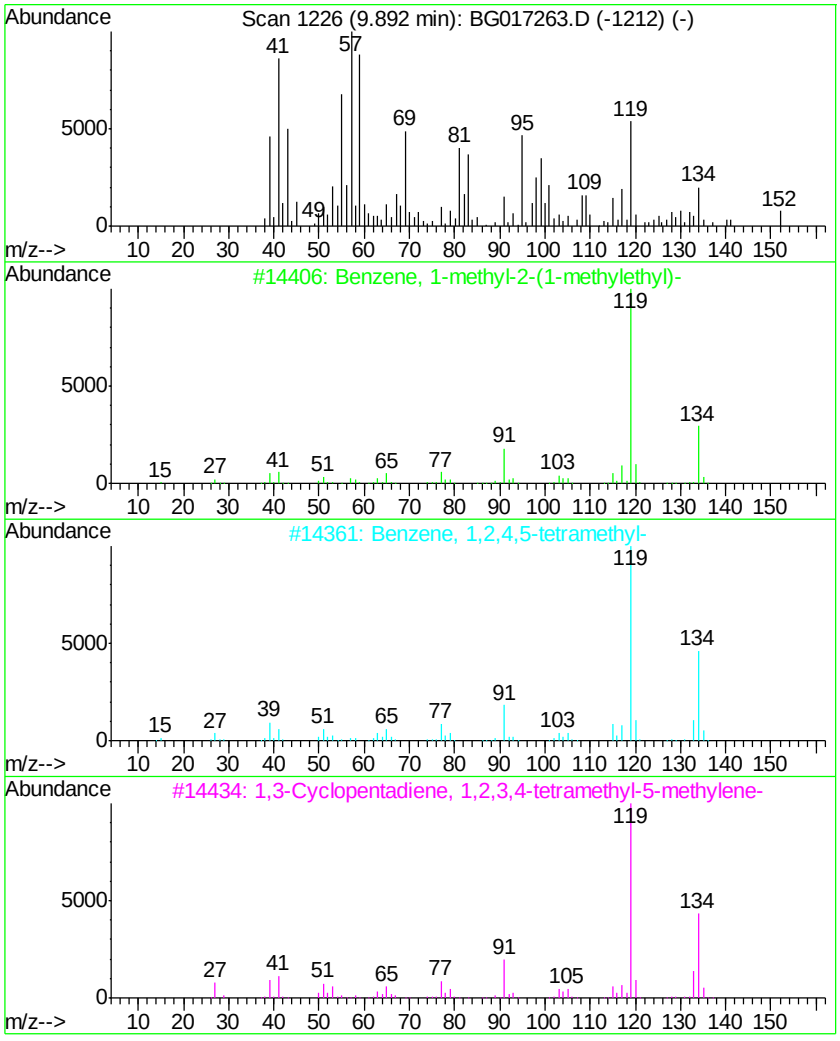
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

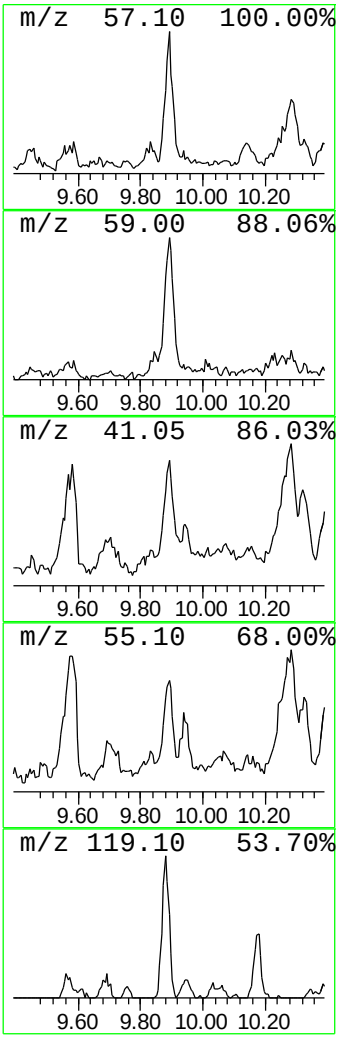
****

Peak Number 5 unknown9.89 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	14.93 ng	319288	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	35
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	20
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	20
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	18
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	18





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

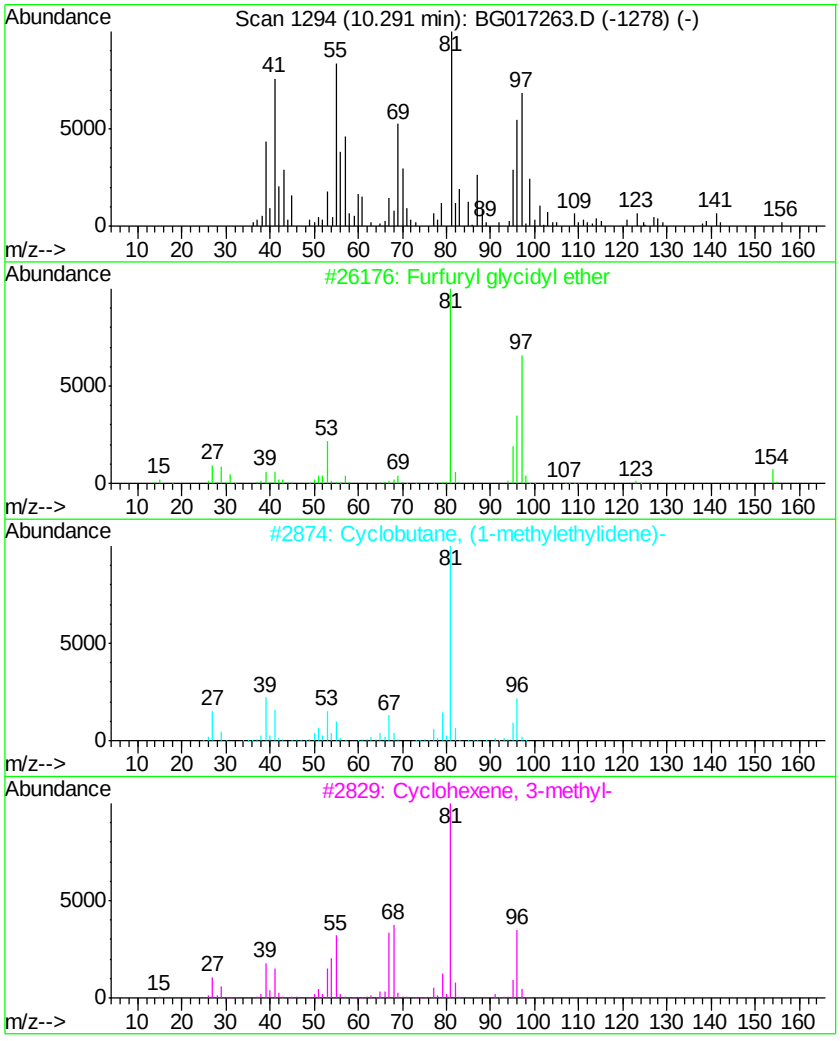
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

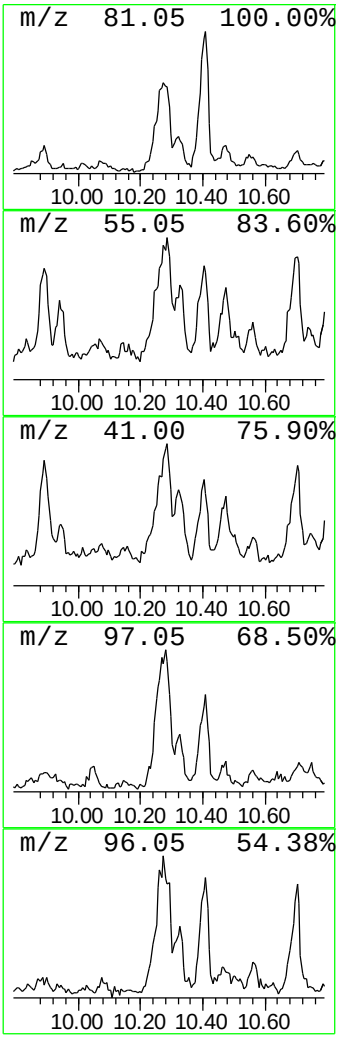
****

Peak Number 6 Furfuryl glycidyl ether Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	16.99 ng	363172	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	59
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	46
4	2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	46
5	Furan, 2-ethyl-	96	C6H8O	003208-16-0	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

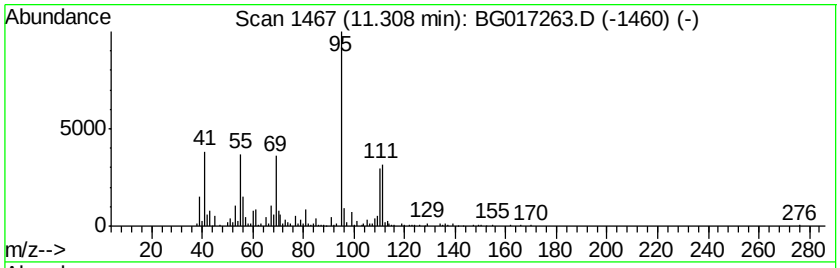
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

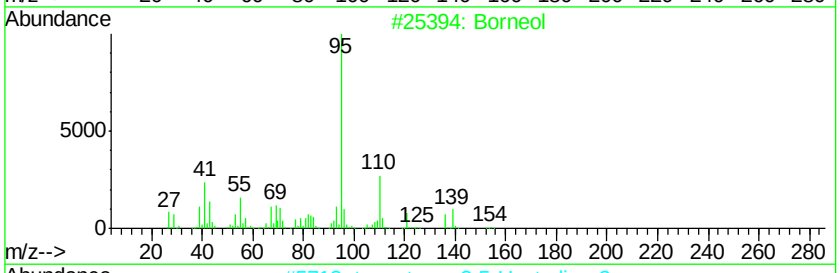
****

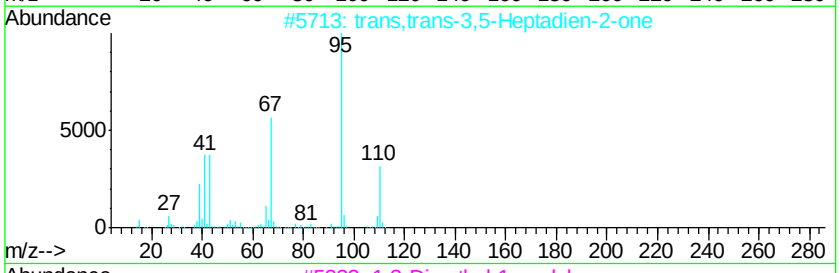
Peak Number 7 Borneol Concentration Rank 14

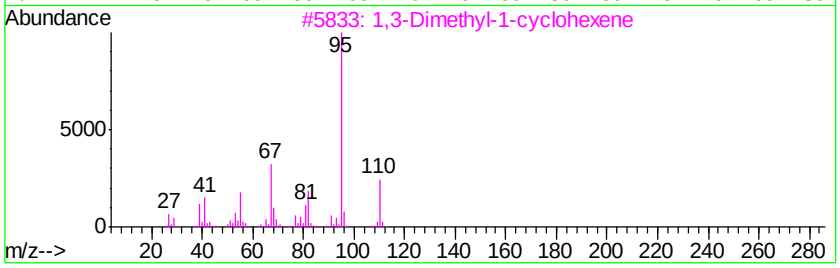
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	16.94 ng	362122	Naphthalene-d8	10.47

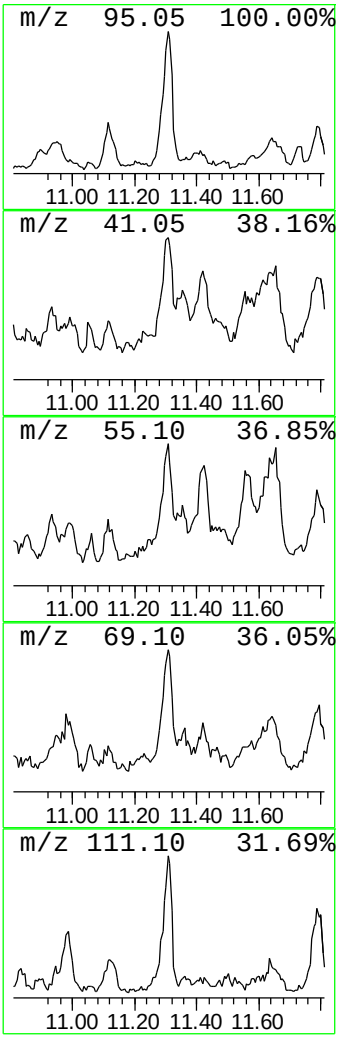
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borneol	154	C10H18O	010385-78-1	64
2	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	59
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	59
4	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	58
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	58











Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

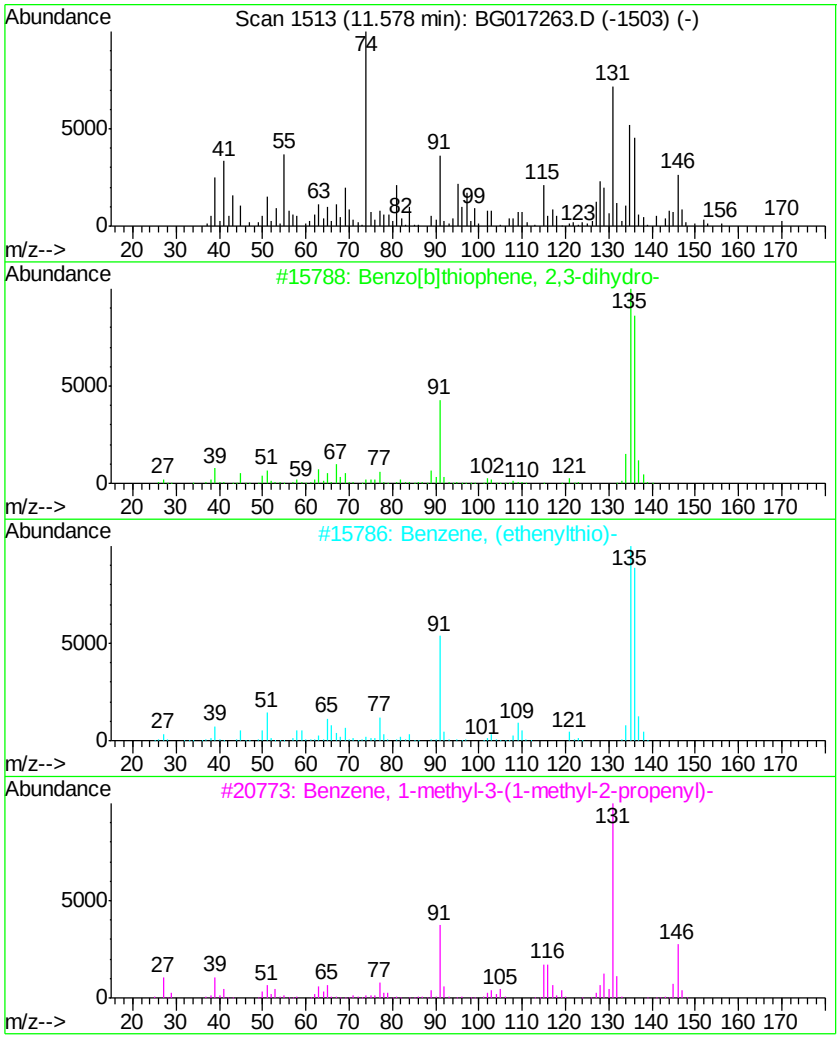
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

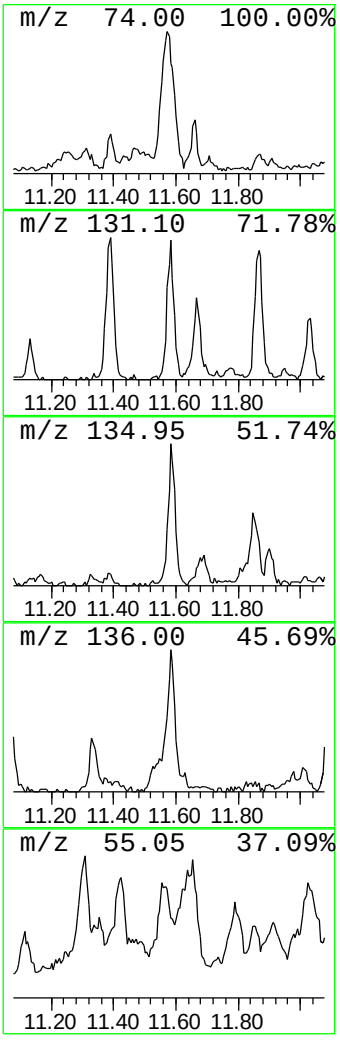
****

Peak Number 8 unknown11.58 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	21.39 ng	457270	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	38
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	38
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	35
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

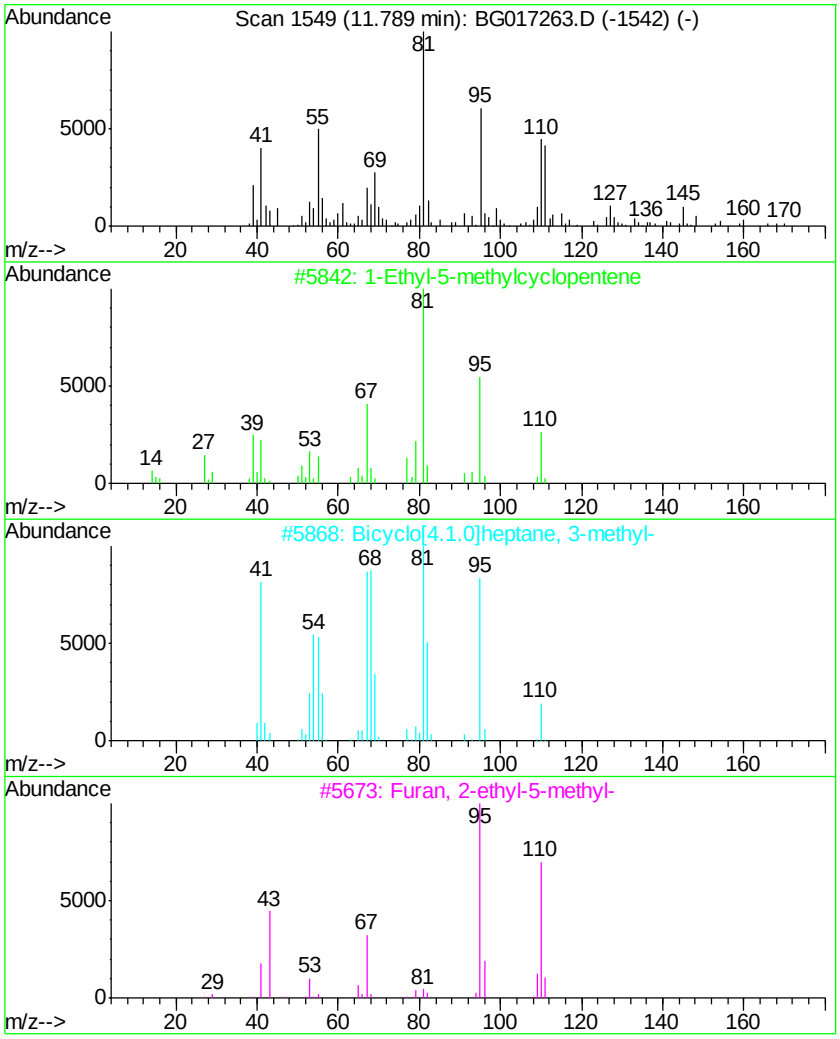
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

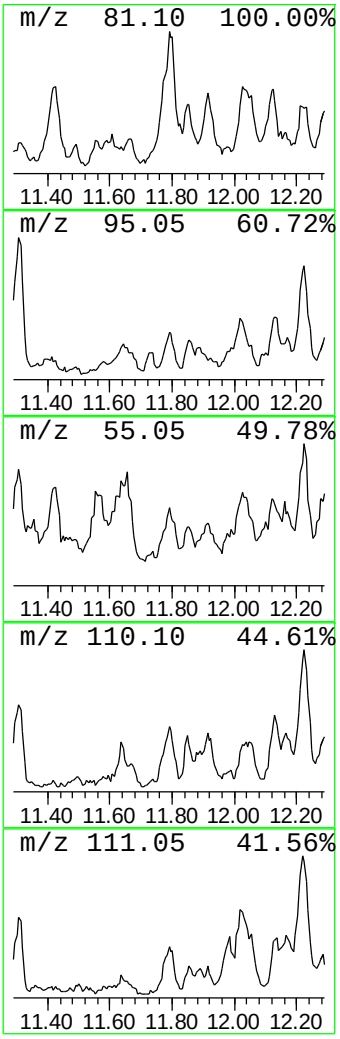
****

Peak Number 9 1-Ethyl-5-methylcyclopentene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	13.83 ng	295620	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	58
2	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	35
3	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	27
4	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	27
5	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

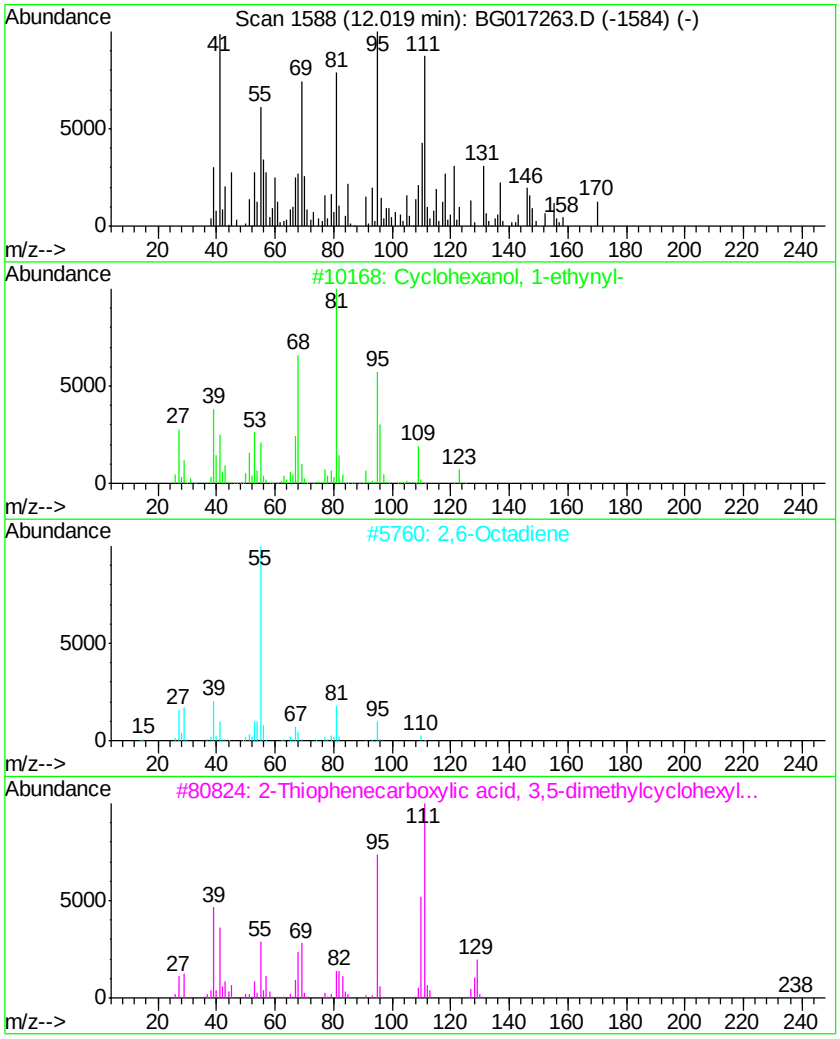
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

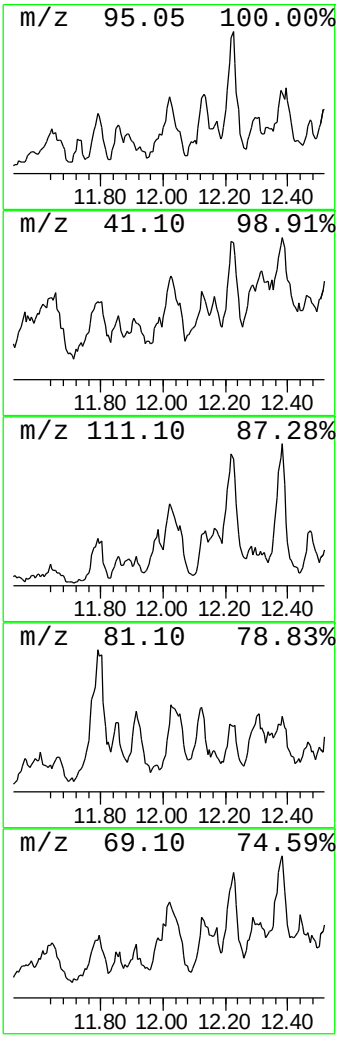
****

Peak Number 10 unknown12.02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	19.11 ng	408511	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	41
2	2,6-Octadiene	110	C8H14	004974-27-0	35
3	2-Thiophenecarboxylic acid, 3,5-...	238	C13H18O2S	1000278-87-5	22
4	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	18
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	18





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

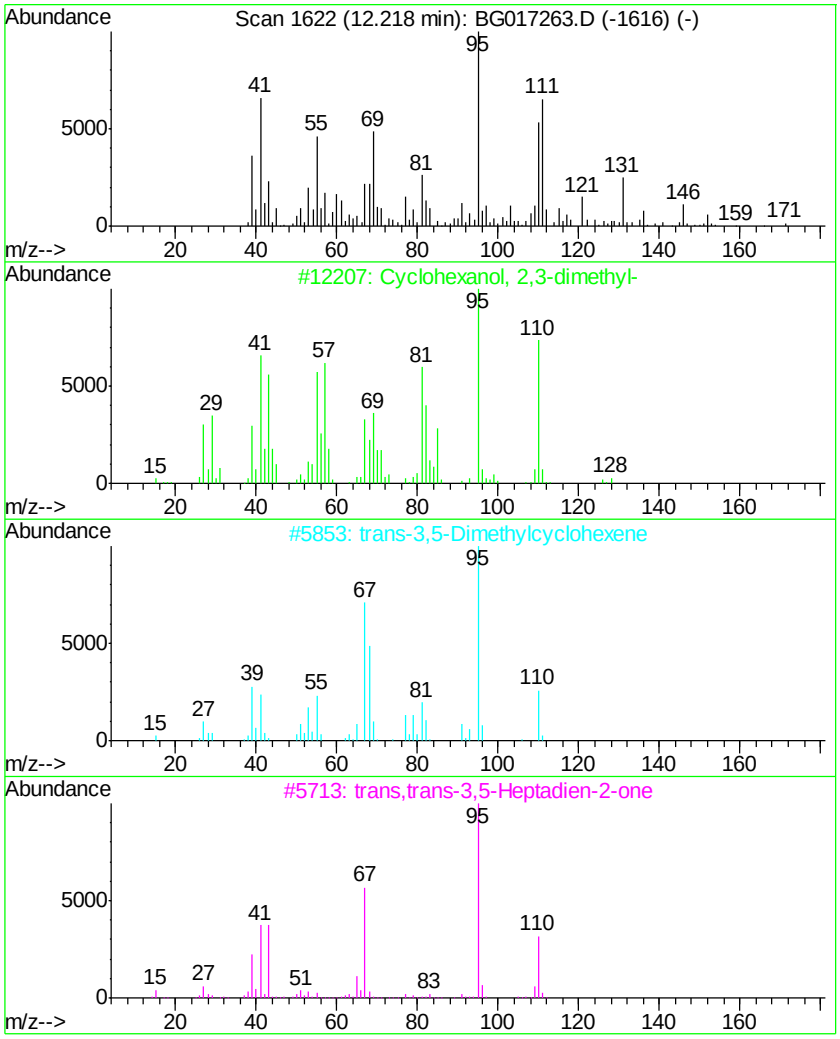
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

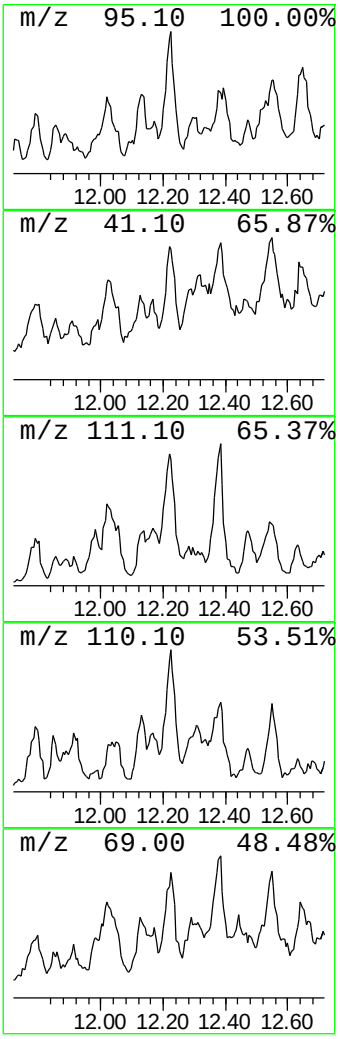
****

Peak Number 11 unknown12.22 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	18.26 ng	390518	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2,3-dimethyl-	128	C8H16O	001502-24-5	49
2	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	43
3	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	43
4	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	43
5	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

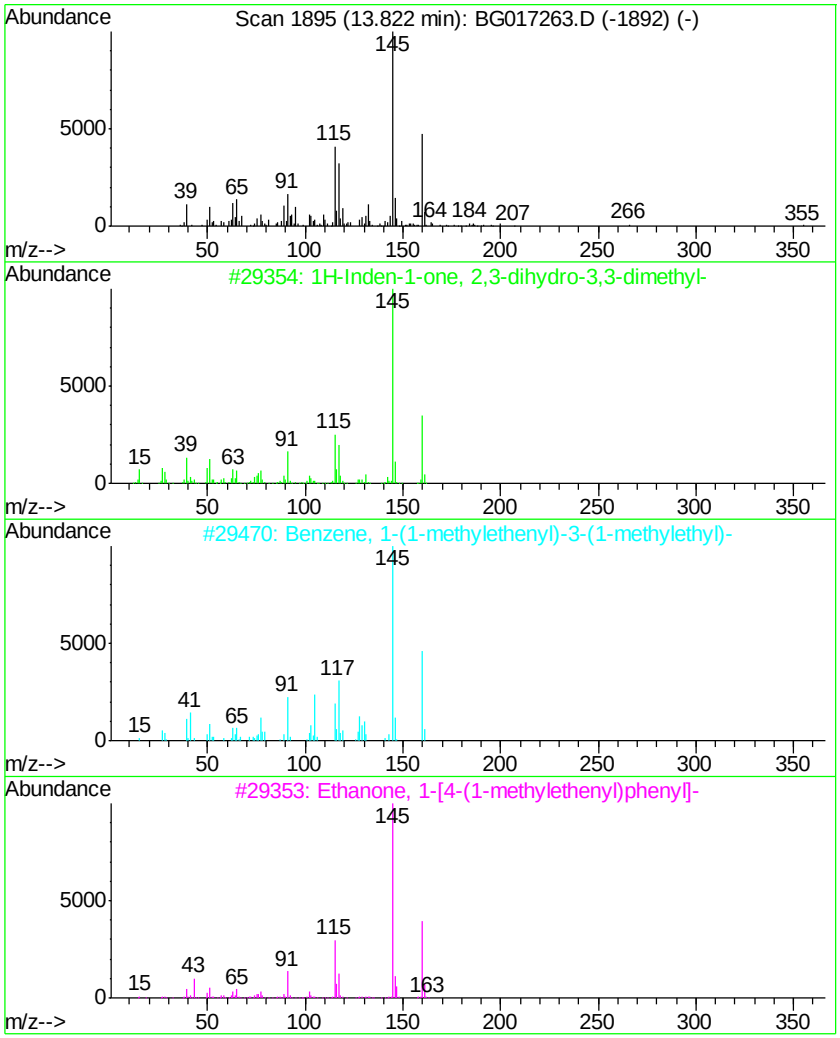
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

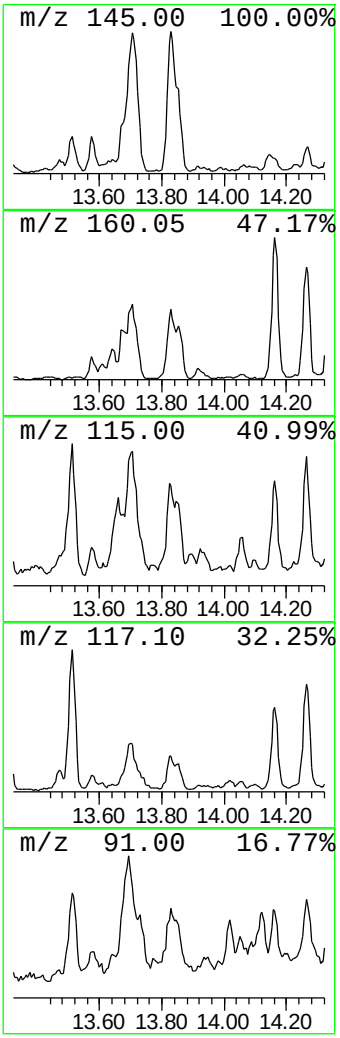
****

Peak Number 13 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	17.37 ng	1105330	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	76
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	76
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	68
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	58
5	Indene, 1,1-dimethyl-1-sila-	160	C10H12Si	058310-24-0	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

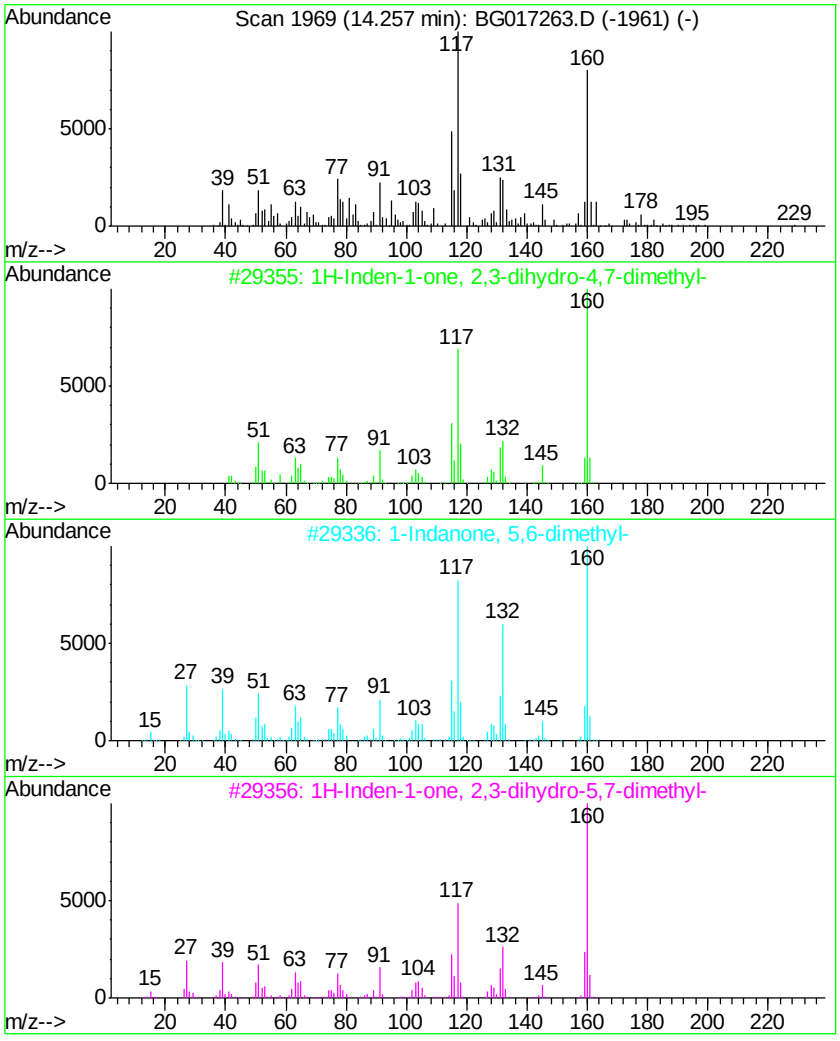
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

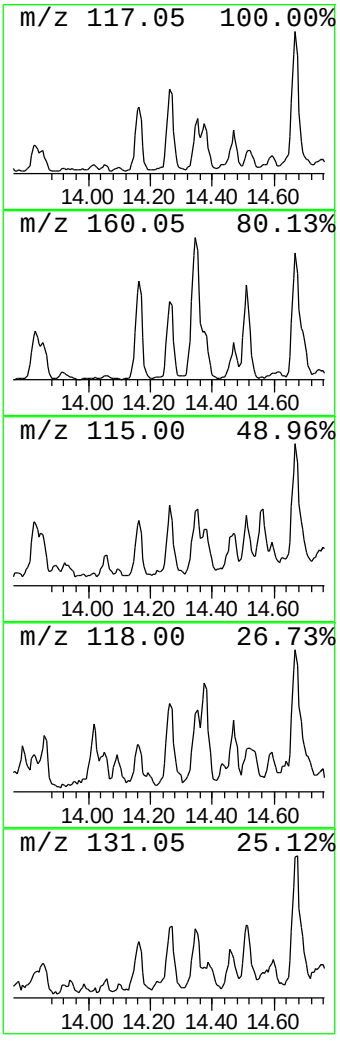
****

Peak Number 14 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	13.36 ng	850257	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	96
2	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	90
3	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	62
4	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	45
5	3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

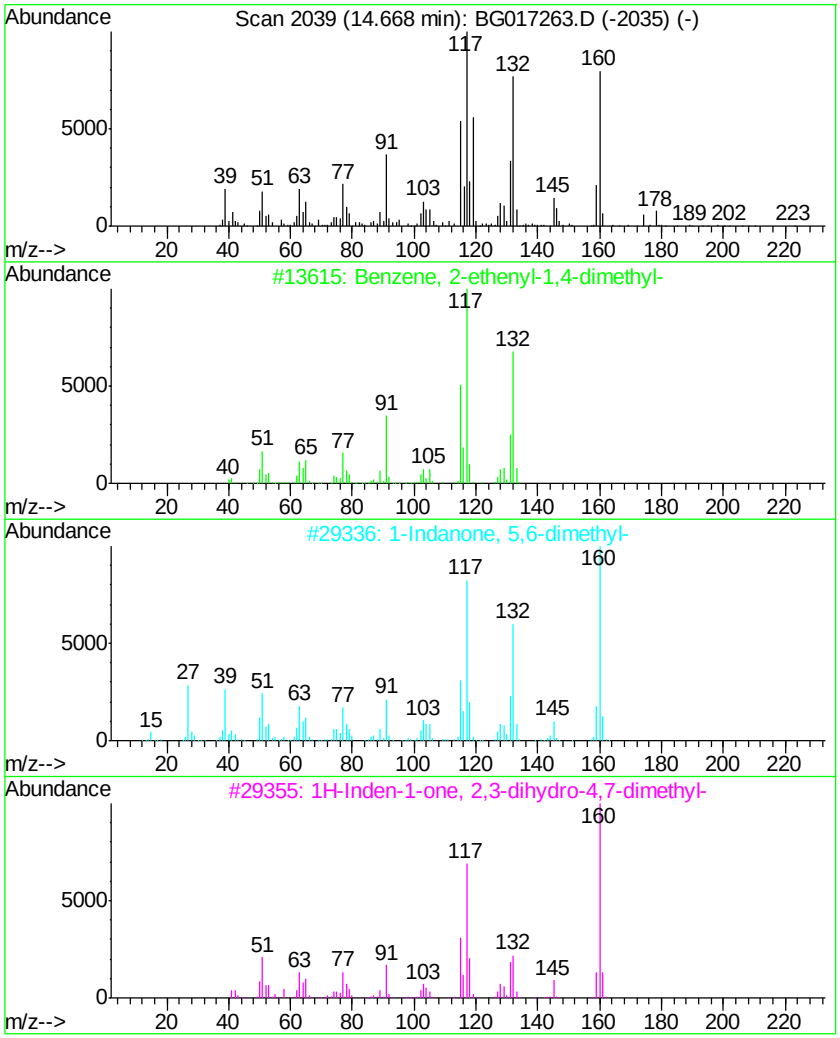
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

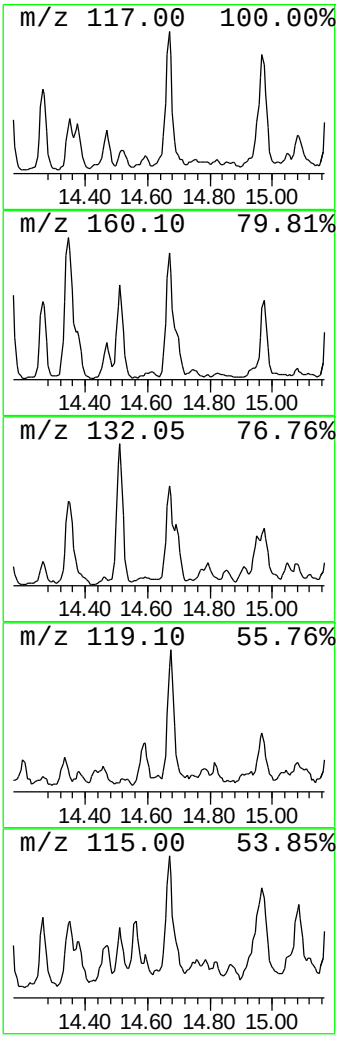
****

Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	16.11 ng	1025360	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	90
3	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	83
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

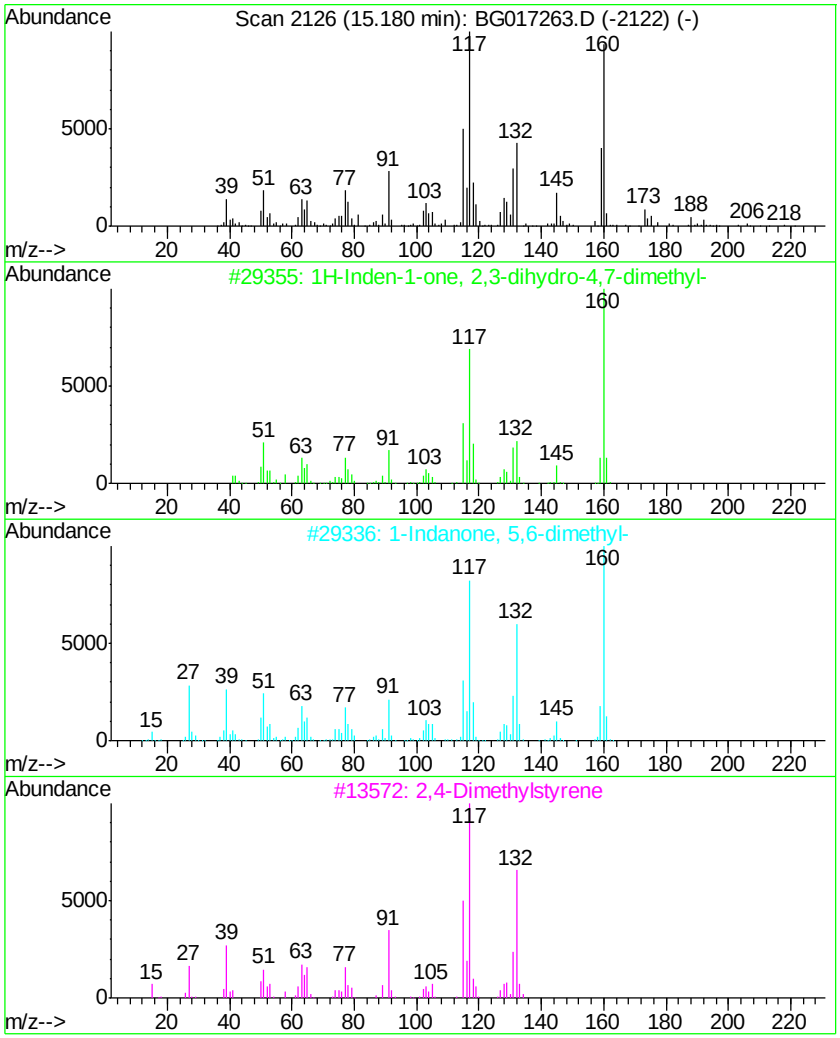
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

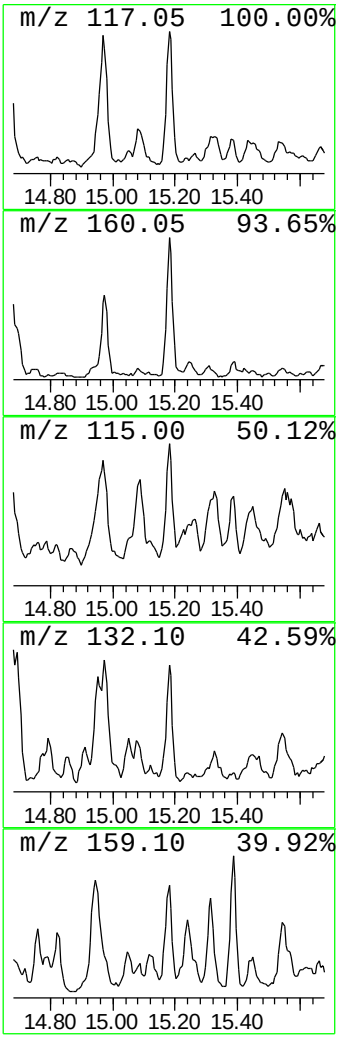
****

Peak Number 16 1-Indanone, 5,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	13.83 ng	879943	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	83
2	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	64
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	55
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

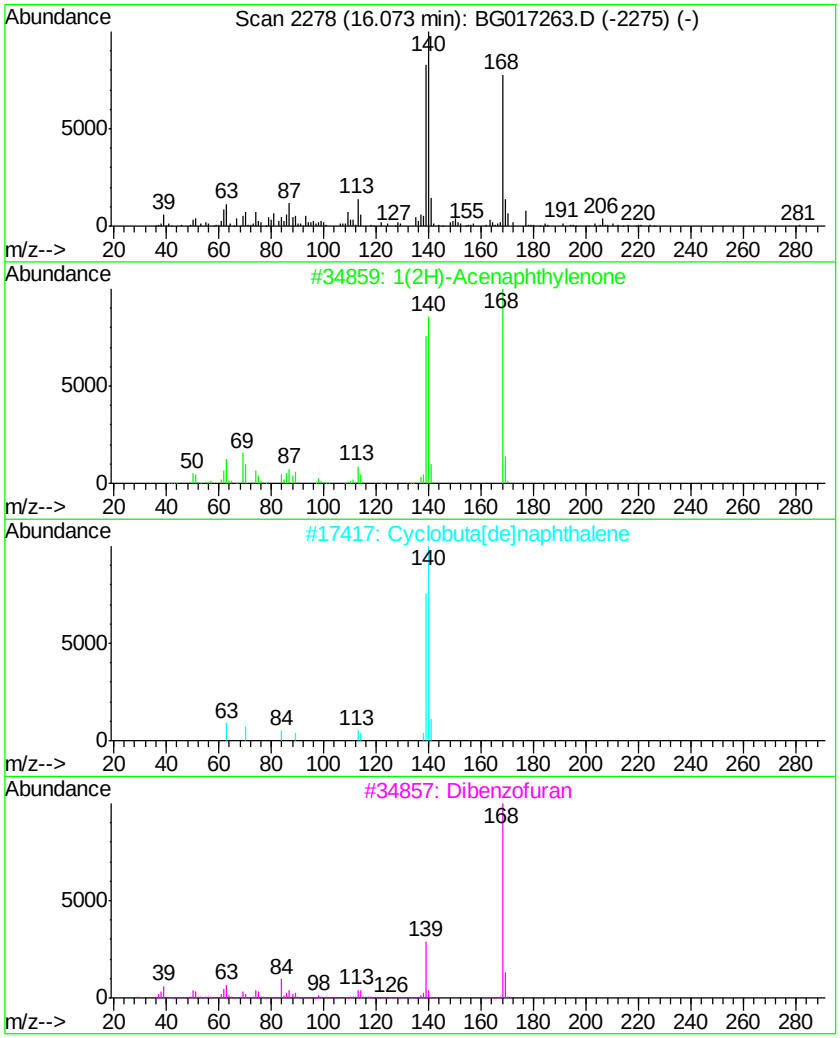
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

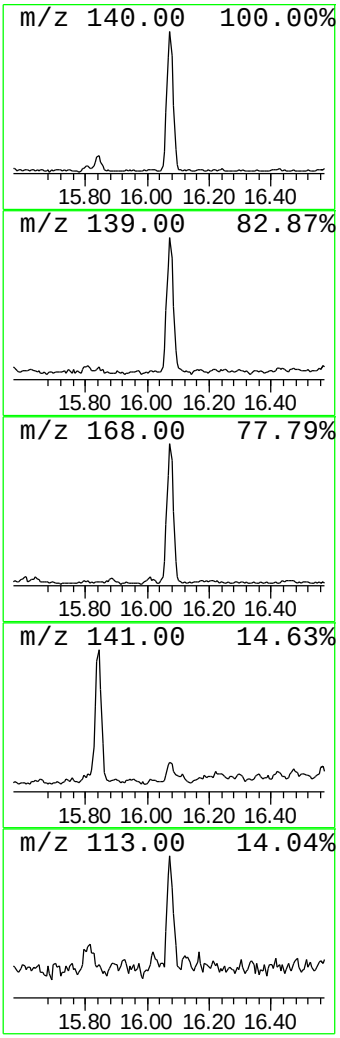
****

Peak Number 17 1(2H)-Acenaphthylenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	31.57 ng	749813	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	53
3	Dibenzofuran	168	C12H8O	000132-64-9	52
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	50
5	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

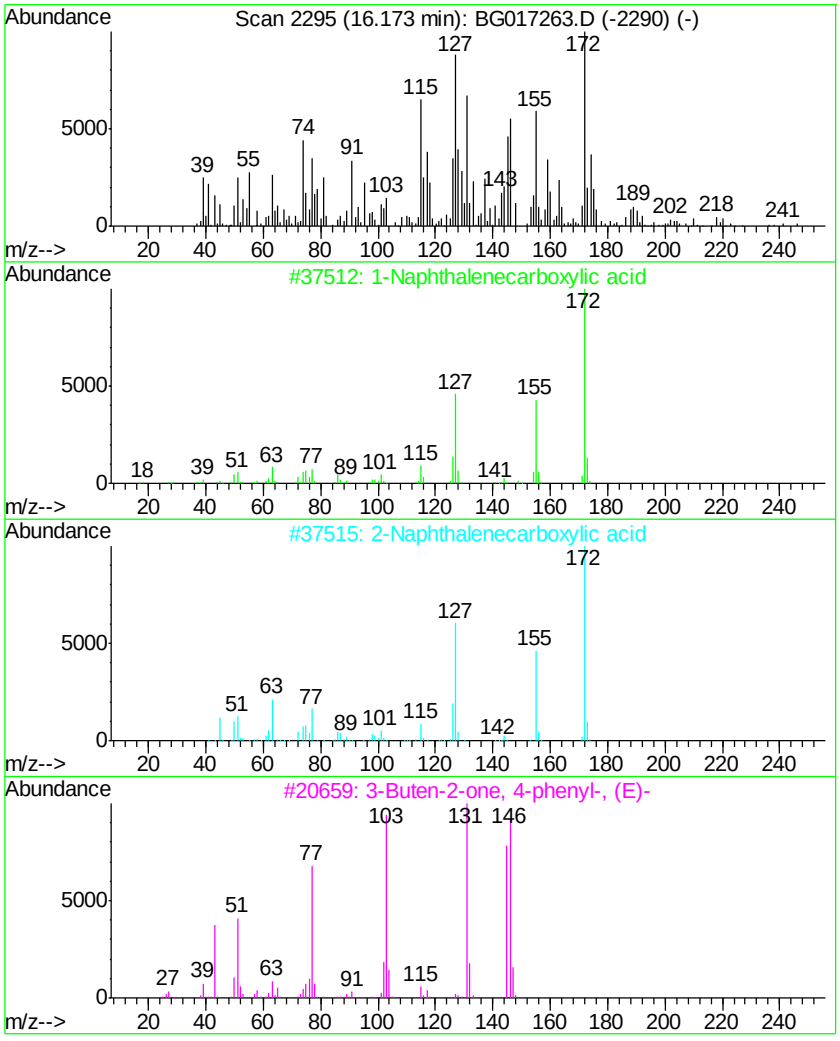
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

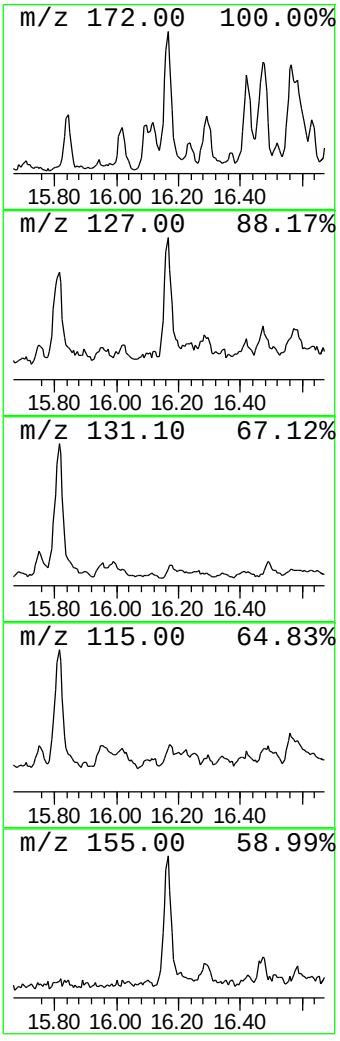
****

Peak Number 18 unknown16.17 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	24.57 ng	583635	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	46
2	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	41
3	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	25
4	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	25
5	(E)-2-[(Hydroxyimino)methyl]quin...	172	C10H8N2O	1000212-11-2	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

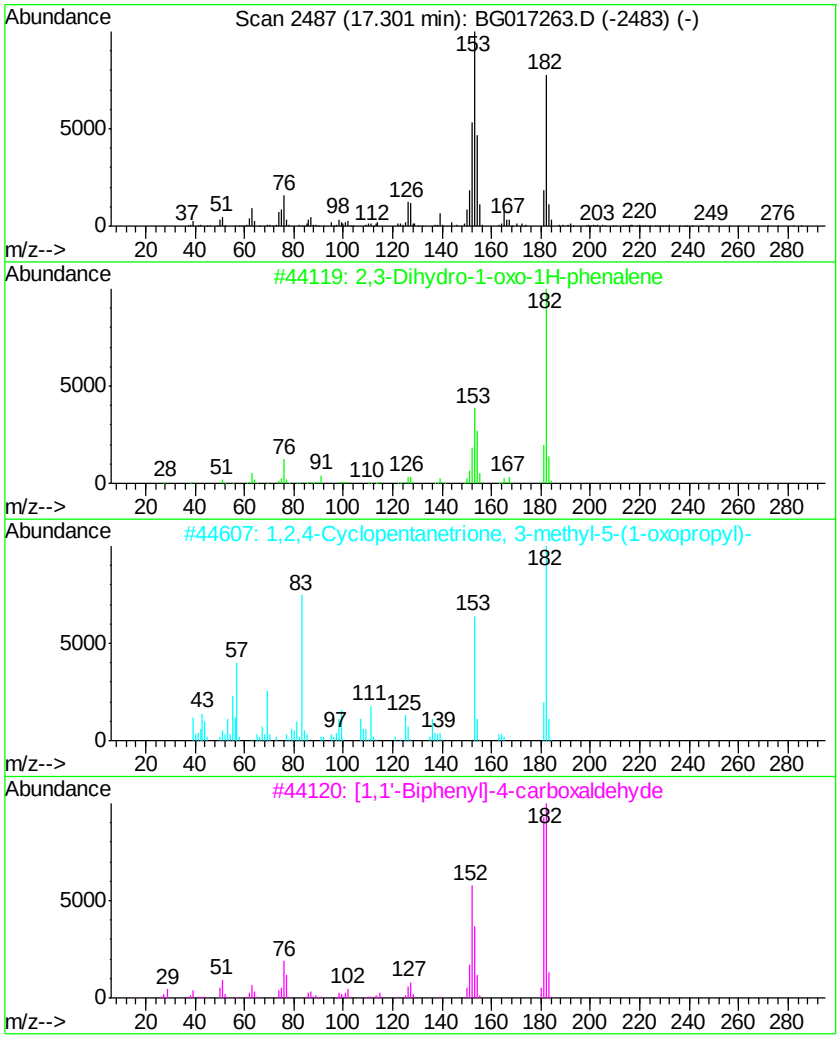
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

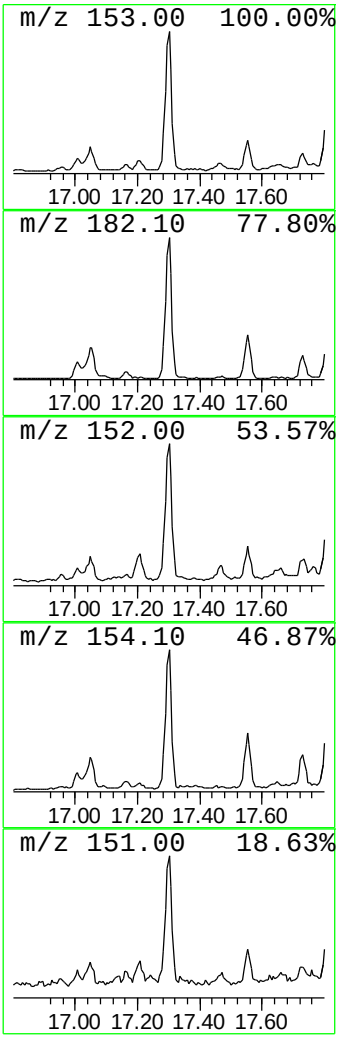
****

Peak Number 19 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	62.56 ng	1485740	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	91
2	1,2,4-Cyclopentanetrione, 3-meth...	182	C9H10O4	057174-14-8	50
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
4	5-Sec-butylpyrogallol	182	C10H14O3	056707-65-4	47
5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

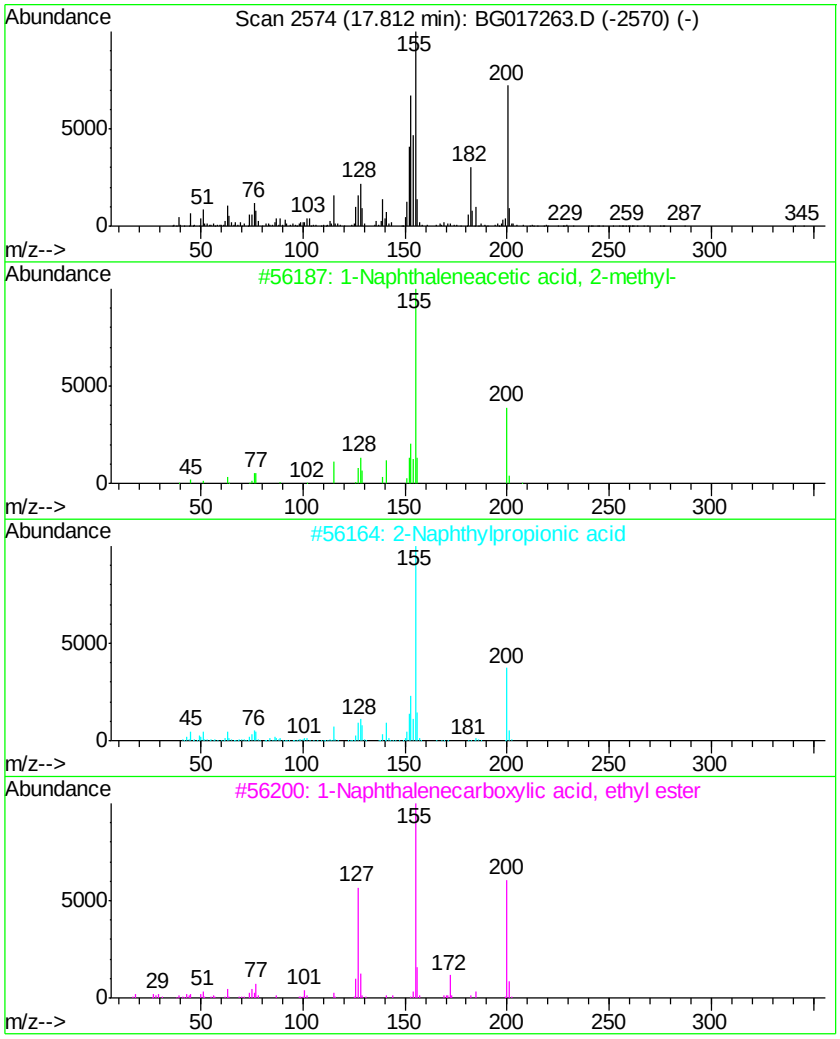
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

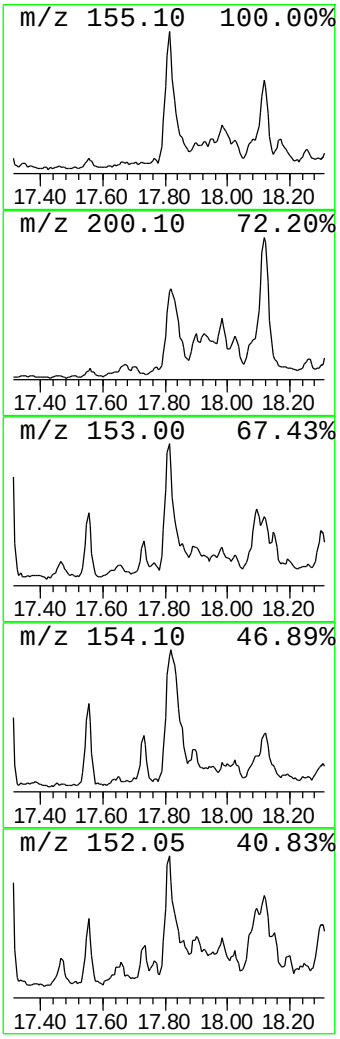
****

Peak Number 20 1-Naphthaleneacetic acid, 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	60.41 ng	1434730	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthaleneacetic acid, 2-methyl-	200	C13H12O2	000085-08-5	64
2	2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	55
3	1-Naphthalenecarboxylic acid, et...	200	C13H12O2	003007-97-4	43
4	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	41
5	Quinoline, 2-ethenyl-	155	C11H9N	000772-03-2	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017263.D
Acq On : 23 May 2015 3:20
Operator : TP/IZ
Sample : G2353-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAY-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	2.85	36.8	ng	475749	1	7.68	258319	20.0
unknown7.23	7.23	81.4	ng	1051430	1	7.68	258319	20.0
Cyclopentane, 1-m...	9.58	13.9	ng	297193	2	10.47	427635	20.0
unknown9.89	9.89	14.9	ng	319288	2	10.47	427635	20.0
Furfuryl glycidyl...	10.29	17.0	ng	363172	2	10.47	427635	20.0
Borneol	11.31	16.9	ng	362122	2	10.47	427635	20.0
unknown11.58	11.58	21.4	ng	457270	2	10.47	427635	20.0
1-Ethyl-5-methylc...	11.79	13.8	ng	295620	2	10.47	427635	20.0
unknown12.02	12.02	19.1	ng	408511	2	10.47	427635	20.0
unknown12.22	12.22	18.3	ng	390518	2	10.47	427635	20.0
1H-Inden-1-one, 2...	13.82	17.4	ng	1105330	3	14.34	1272930	20.0
1H-Inden-1-one, 2...	14.26	13.4	ng	850257	3	14.34	1272930	20.0
Benzene, 2-etheny...	14.67	16.1	ng	1025360	3	14.34	1272930	20.0
1-Indanone, 5,6-d...	15.18	13.8	ng	879943	3	14.34	1272930	20.0
1(2H)-Acenaphthyl...	16.07	31.6	ng	749813	4	17.09	475001	20.0
unknown16.17	16.17	24.6	ng	583635	4	17.09	475001	20.0
2,3-Dihydro-1-oxo...	17.30	62.6	ng	1485740	4	17.09	475001	20.0
1-Naphthaleneacet...	17.81	60.4	ng	1434730	4	17.09	475001	20.0