LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021053.D
Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

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-BG022316.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	3.060	34	38	47	rBV	17272	23125	8.99%	0.953%
2	3.201	55	62	68	rBV2	9938	18499	7.19%	0.763%
3	3.284	72	76	82	rVB	5017	6943	2.70%	0.286%
4	5.293	413	418	424	rBB	6701	9791	3.80%	0.404%
5	5.780	496	501	509	rBB	40052	62060	24.11%	2.559%
6	7.407	771	778	784	rBV2	29289	49521	19.24%	2.042%
7	7.754	830	837	845	rBB	88354	147079	57.15%	6.064%
8	8.206	908	914	919	rBB	16502	25340	9.85%	1.045%
9	8.529	962	969	978	rVB	84116	143902	55.92%	5.933%
10	9.152	1071	1075	1080	rVB3	2985	5368	2.09%	0.221%
11	9.305	1091	1101	1107	rVB	29187	56920	22.12%	2.347%
12	9.387	1108	1115	1122	rBV	69072	126006	48.96%	5.195%
13	9.681	1156	1165	1170	rBB6	4049	9045	3.51%	0.373%
14	10.039	1224	1226	1233	rVB	2710	4768	1.85%	0.197%
15	10.386	1278	1285	1289	rBV5	2941	5725	2.22%	0.236%
16	10.433	1289	1293	1302	rVB4	3616	7615	2.96%	0.314%
17	10.556	1310	1314	1321	rBB3	1847	2755	1.07%	0.114%
18	10.791	1342	1354	1362	rBV8	6825	26091	10.14%	1.076%
19	10.909	1366	1374	1378	rVV3	8538	17199	6.68%	0.709%
20	10.973	1379	1385	1389	rVV3	5516	11763	4.57%	0.485%
21	11.020	1389	1393	1399	rVV	26842	49186	19.11%	2.028%
22	11.067	1399	1401	1408	rVB4	3666	5149	2.00%	0.212%
23	11.202	1419	1424	1429	rVB3	5110	8461	3.29%	0.349%
24	11.308	1432	1442	1446	rBV7	3020	8420	3.27%	0.347%
25	11.443	1459	1465	1466	rBV4	4064	7064	2.74%	0.291%
26	11.514	1472	1477	1483	rVB6	5815	13167	5.12%	0.543%
27	11.619	1490	1495	1501	rBV4	6448	10376	4.03%	0.428%
28	11.684	1501	1506	1509	rVB5	2603	4493	1.75%	0.185%
29	11.790	1516	1524	1531	rBV3	16890	38427	14.93%	1.584%
30	11.884	1532	1540	1541	rVV6	4106	9761	3.79%	0.402%
31	11.907	1542	1544	1555	rVB6	5178	13166	5.12%	0.543%
32	12.136	1576	1583	1595	rVB5	14682	40642	15.79%	1.676%
33	12.266	1595	1605	1612	rBV2	12150	28512	11.08%	1.176%
34	12.330	1612	1616	1618	rBV5	1848	2740	1.06%	0.113%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021053.D
Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

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-BG022316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.371	1619	1623	1632	rVB8	5567	12919	5.02%	0.533%
36	12.459	1632	1638	1640	rBV4	3190	5901	2.29%	0.243%
37	12.501	1640	1645	1646	rBV3	3090	3997	1.55%	0.165%
38	12.600	1656	1662	1663	rBV4	5465	8418	3.27%	0.347%
39	12.636	1665	1668	1672	rVV4	8377	14989	5.82%	0.618%
40	12.689	1672	1677	1683	rVV3	14825	28848	11.21%	1.189%
41	12.747	1683	1687	1694	rVV8	6727	14948	5.81%	0.616%
42	12.835	1694	1702	1710	rVV9	10192	29397	11.42%	1.212%
43	12.900	1710	1713	1715	rBV3	3376	3309	1.29%	0.136%
44	12.935	1716	1719	1723	rVB5	3968	4527	1.76%	0.187%
45	12.988	1723	1728	1735	rBV7	9662	20788	8.08%	0.857%
46	13.088	1740	1745	1752	rBV8	10325	25196	9.79%	1.039%
47	13.164	1755	1758	1759	rBV2	4524	4073	1.58%	0.168%
48	13.288	1774	1779	1784	rVB4	7715	13167	5.12%	0.543%
49	13.446	1800	1806	1814	rVB	172684	254021	98.70%	10.474%
50	13.517	1816	1818	1825	rVB5	4619	6061	2.36%	0.250%
51	13.587	1825	1830	1833	rBV6	5101	8919	3.47%	0.368%
52	13.687	1842	1847	1854	rBV8	12641	31334	12.18%	1.292%
53	13.834	1868	1872	1876	rBV3	9203	14337	5.57%	0.591%
54	13.899	1879	1883	1889	rVB7	14027	24428	9.49%	1.007%
55	14.040	1904	1907	1911	rBV6	4511	6142	2.39%	0.253%
56	14.081	1911	1914	1916	rBV4	7715	10461	4.06%	0.431%
57	14.116	1917	1920	1926	rVB8	13852	24114	9.37%	0.994%
58	14.304	1950	1952	1958	rVB6	7039	10800	4.20%	0.445%
59	14.504	1982	1986	1990	rVB6	10894	18551	7.21%	0.765%
60	14.674	2011	2015	2016	rBV4	8588	11488	4.46%	0.474%
61	14.815	2034	2039	2045	rVV2	34849	61431	23.87%	2.533%
62	14.886	2047	2051	2056	rVB6	20084	35273	13.71%	1.454%
63	15.356	2127	2131	2135	rBV5	15044	26104	10.14%	1.076%
64	15.914	2222	2226	2233	rVB2	23300	40638	15.79%	1.676%
65	15.984	2234	2238	2242	rBV7	12722	24461	9.50%	1.009%
66	16.307	2288	2293	2298	rVB	123926	178132	69.22%	7.345%
67	16.554	2330	2335	2341	rVB8	19192	40708	15.82%	1.678%
68	17.558	2502	2506	2511	rBV	39461	55630	21.62%	2.294%
69	20.143	2941	2946	2950	rVB	209134	257357	100.00%	10.611%
70	21.829	3229	3233	3241	rVB	30565	50830	19.75%	2.096%
71	23.580	3529	3531	3535	rBV5	1923	2740	1.06%	0.113%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021053.D
Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

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-BG022316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	25.148	3789	3798	3808	rBV3	12101	37338	14.51%	1.539%
73	25.612	3876	3877	3885	rVB6	3415	4505	1.75%	0.186%

Sum of corrected areas: 2425359

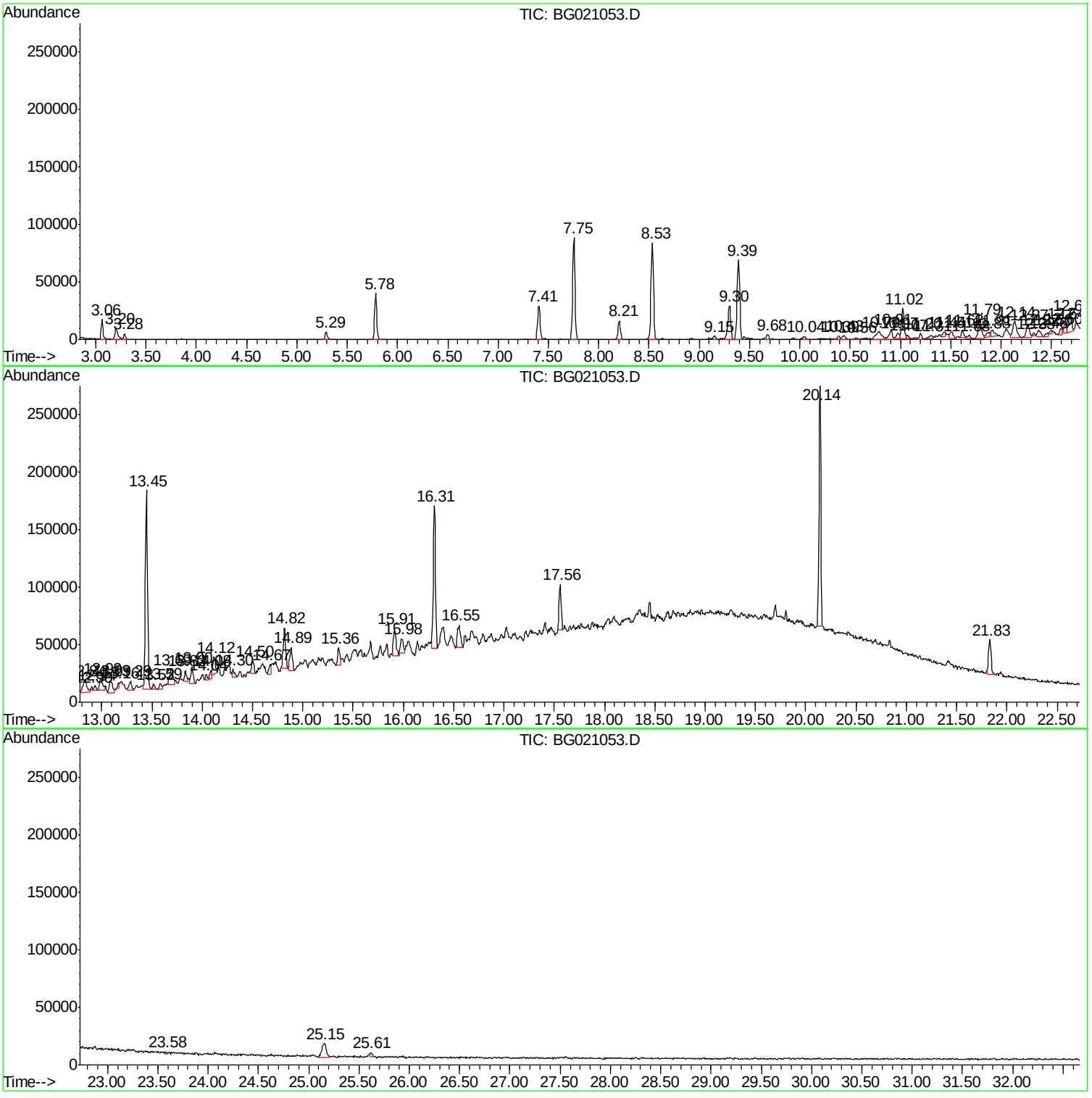
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021053.D
Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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\BG022316\
Data File : BG021053.D
Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

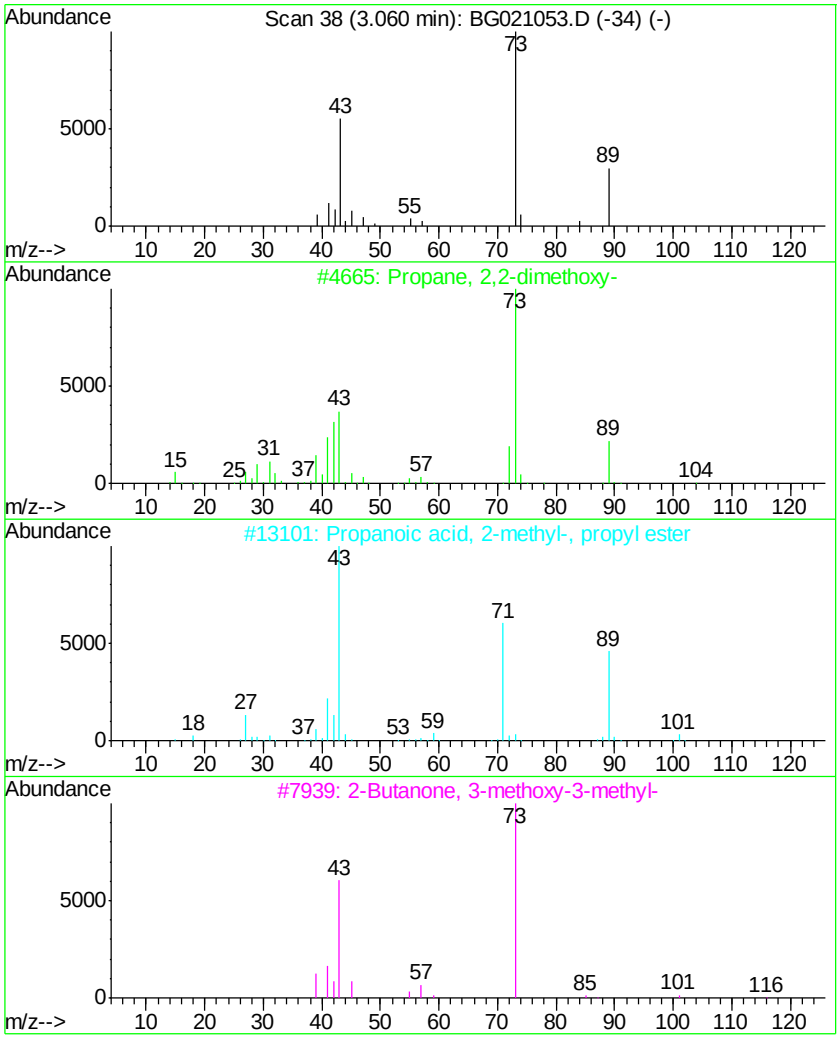
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

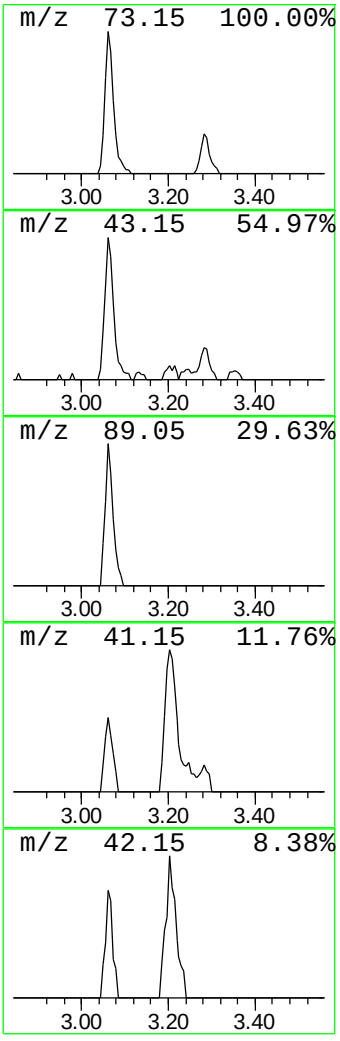
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	18.25 ng	23125	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
3	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	8
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	7





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021053.D
Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

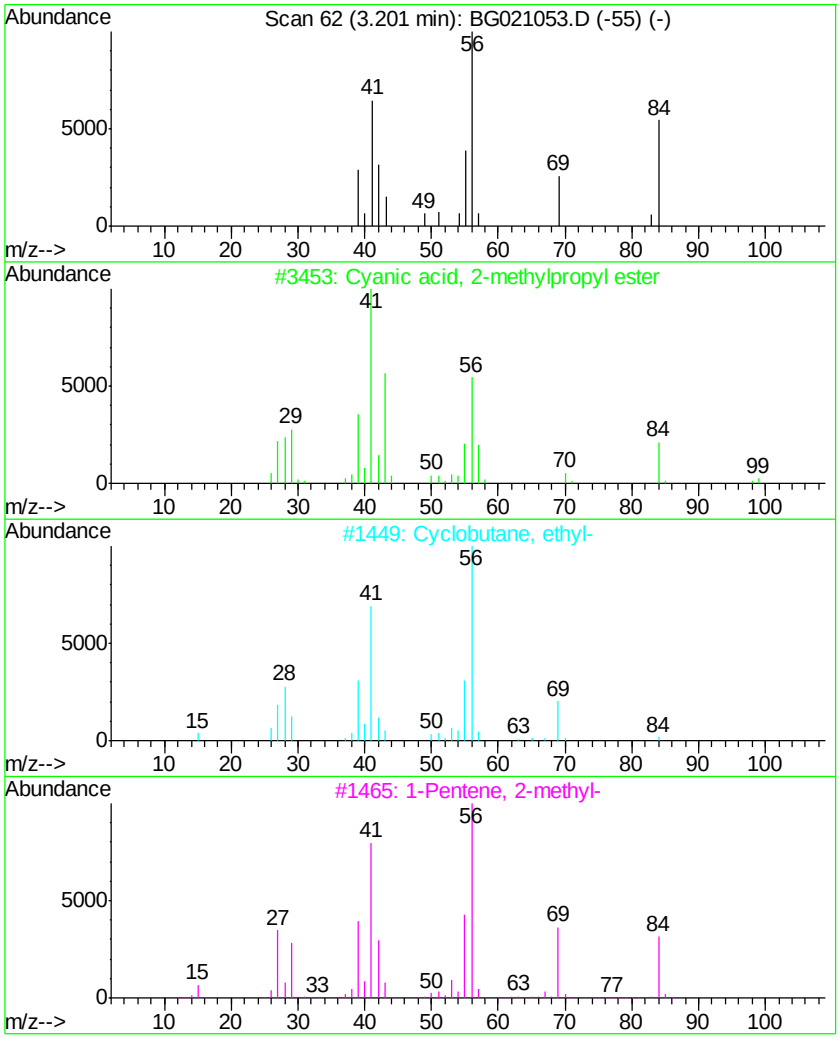
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

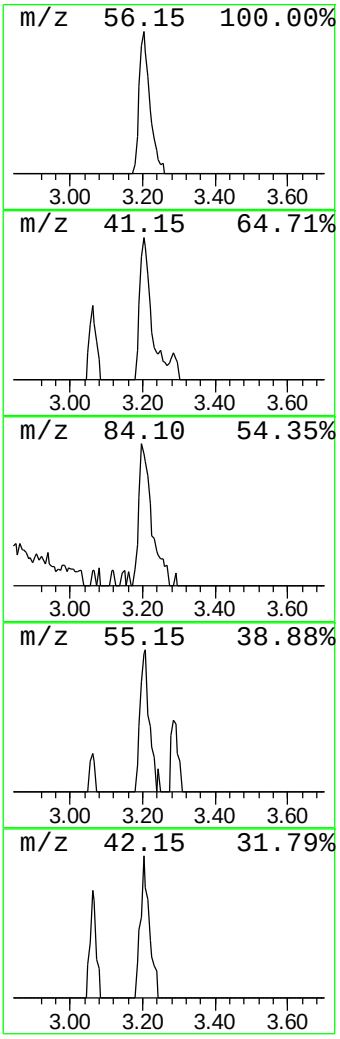
****

Peak Number 2 Cyanic acid, 2-methylpropyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	14.60 ng	18499	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	50
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	40
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	40
4	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	38
5	1-Hexanol	102	C6H14O	000111-27-3	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021053.D
Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

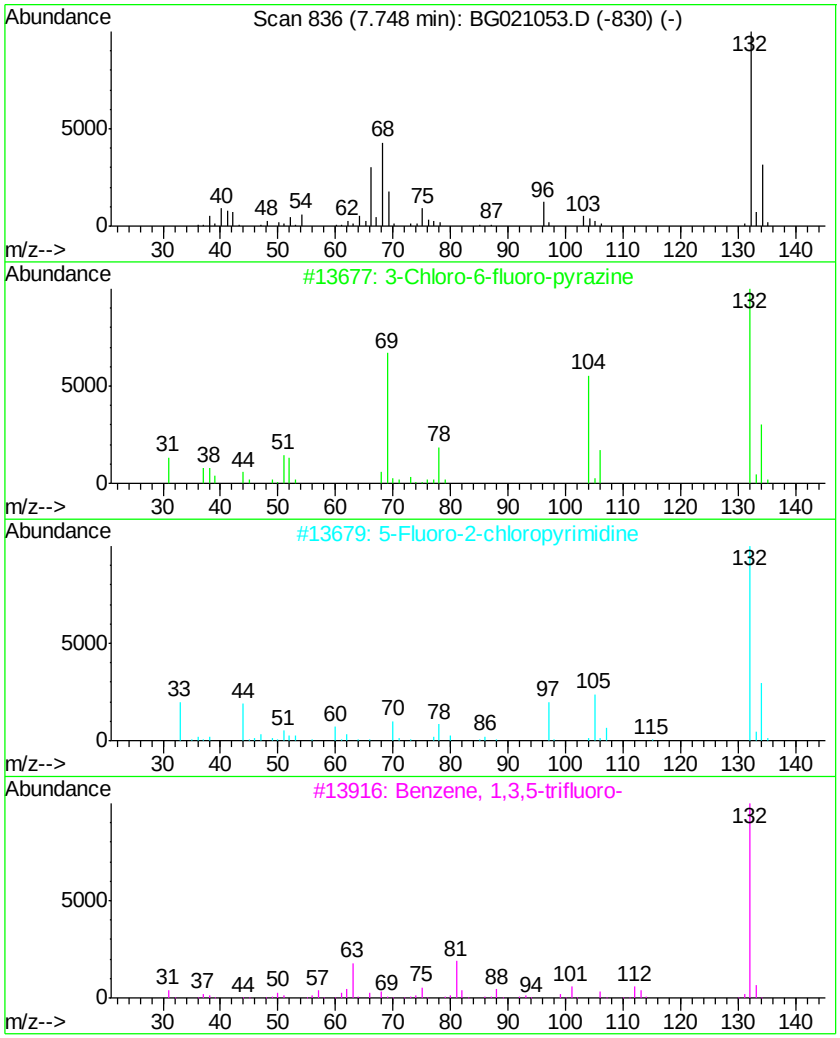
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

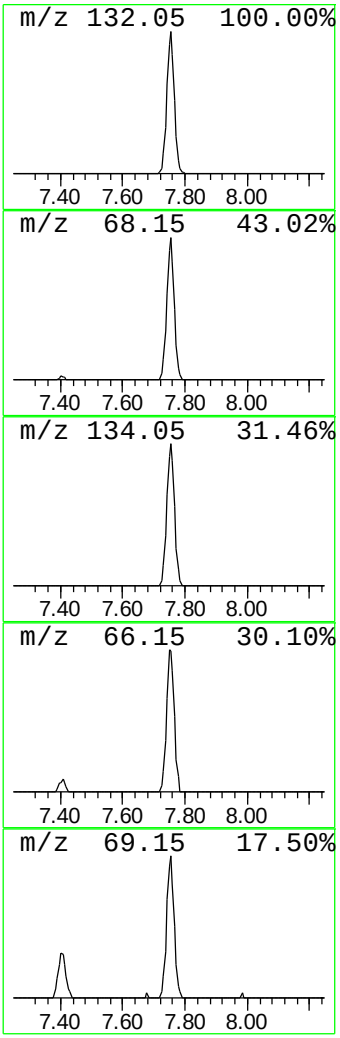
****

Peak Number 3 unknown7.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	116.08 ng	147079	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BG021053.D
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Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

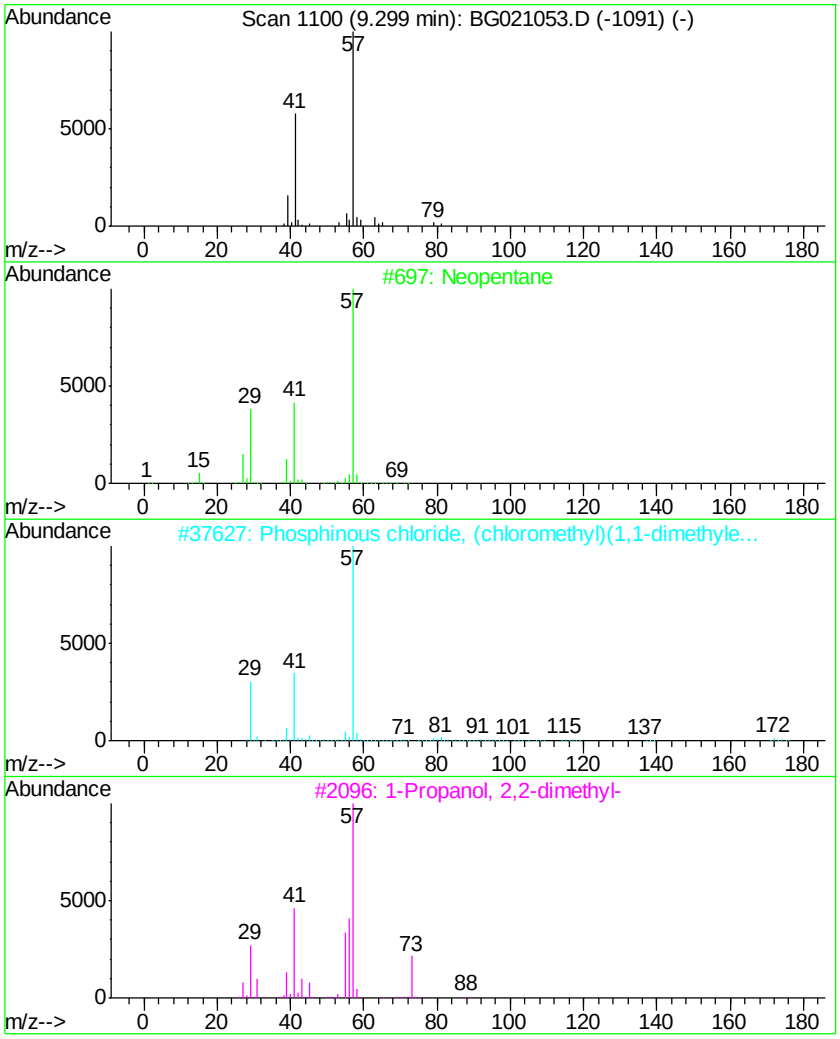
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

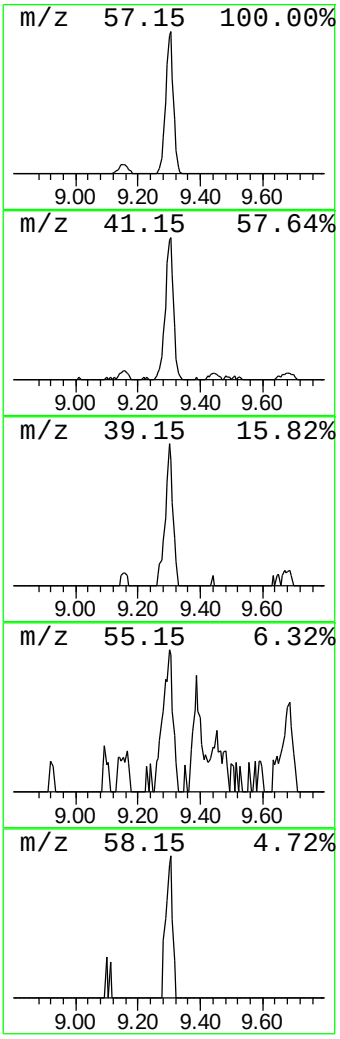
****

Peak Number 5 unknown9.30 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	44.93 ng	56920	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentane	72	C5H12	000463-82-1	38
2	Phosphinous chloride, (chloromet...	172	C5H11Cl2P	078055-63-7	38
3	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	9
4	Propane, 2-bromo-2-methyl-	136	C4H9Br	000507-19-7	9
5	Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	9





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Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

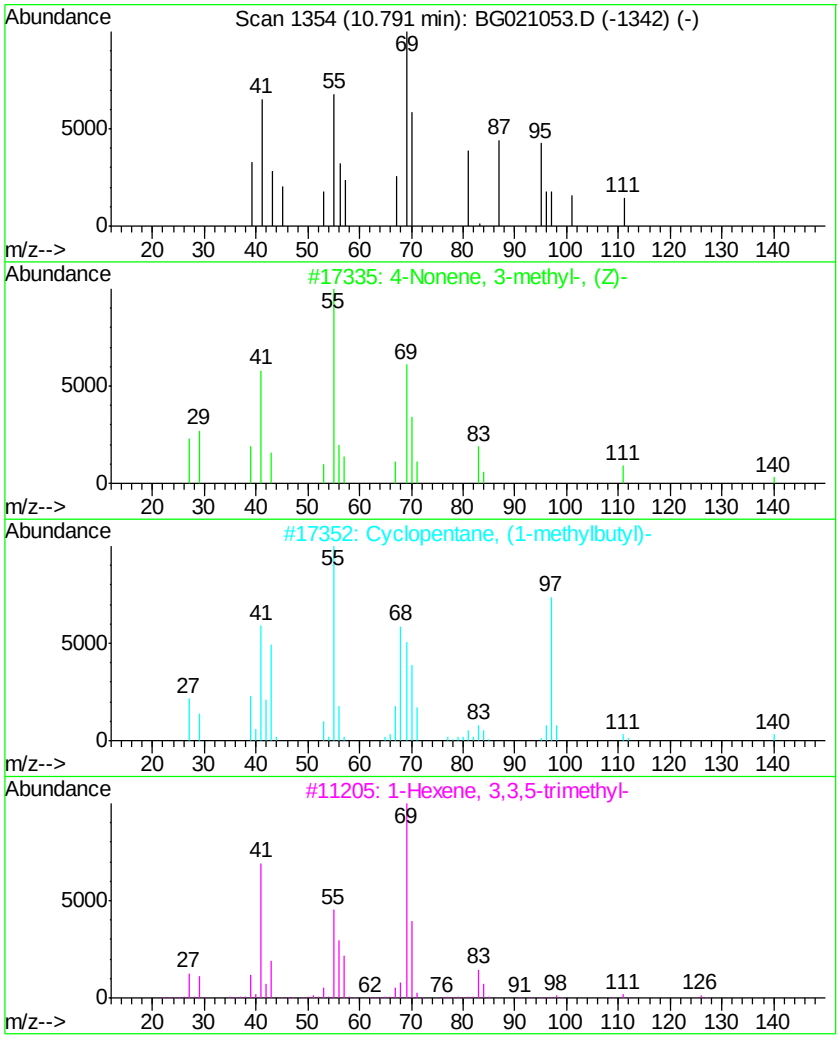
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

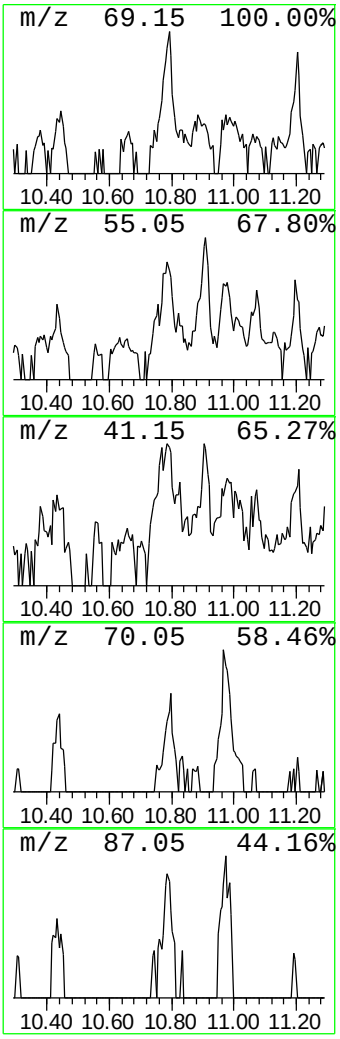
****

Peak Number 6 unknown10.79 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	10.61 ng	26091	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	38
2	Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	28
3	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	23
4	4-Octanol, 2,7-dimethyl-	158	C10H22O	019781-11-4	23
5	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021053.D
Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

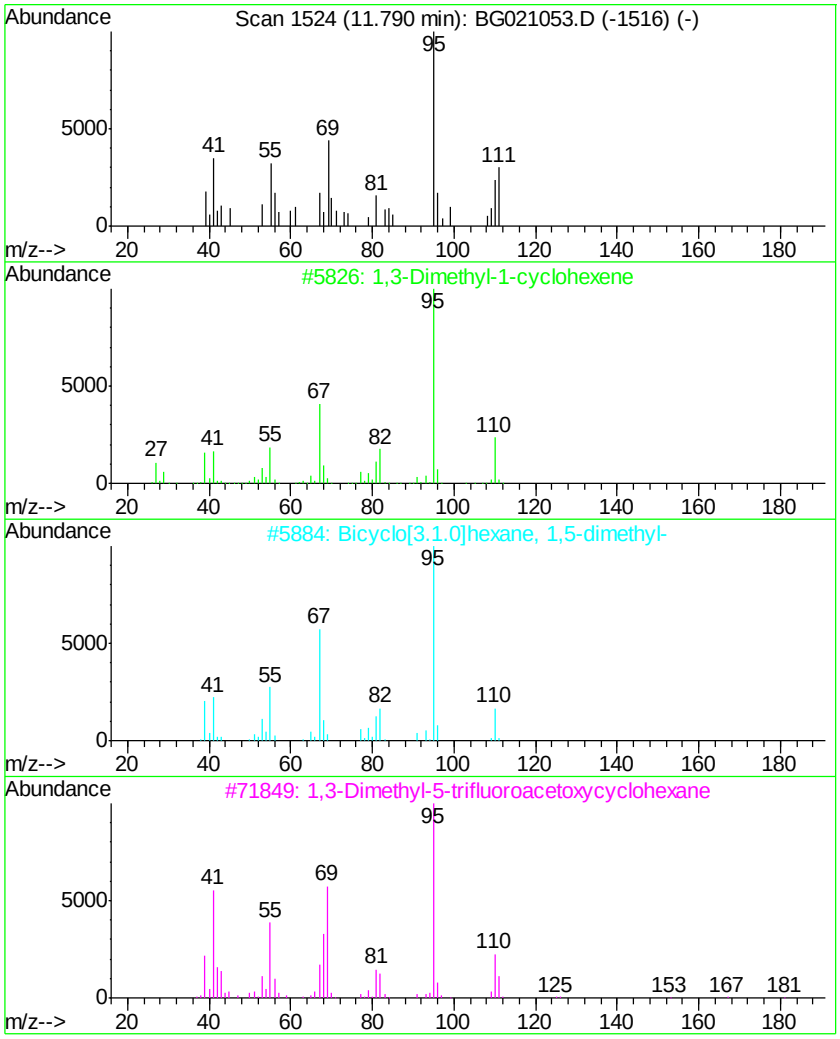
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

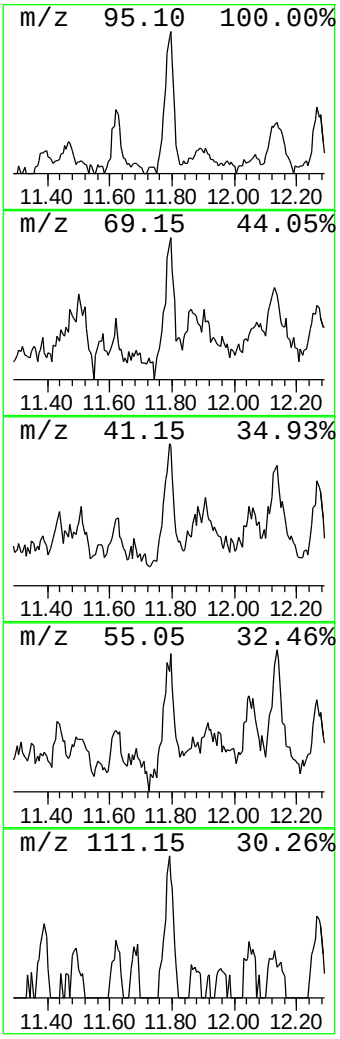
****

Peak Number 7 unknown11.79 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	15.63 ng	38427	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	47
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	47
3	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	38
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	28
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021053.D
Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

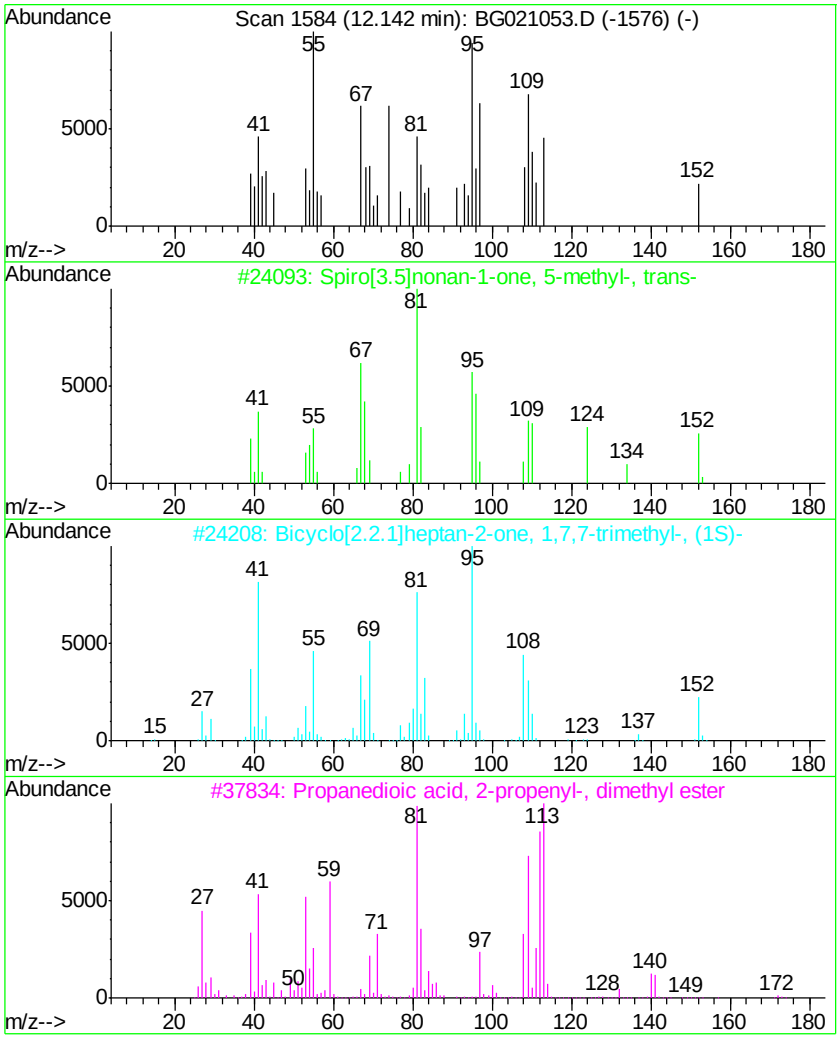
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

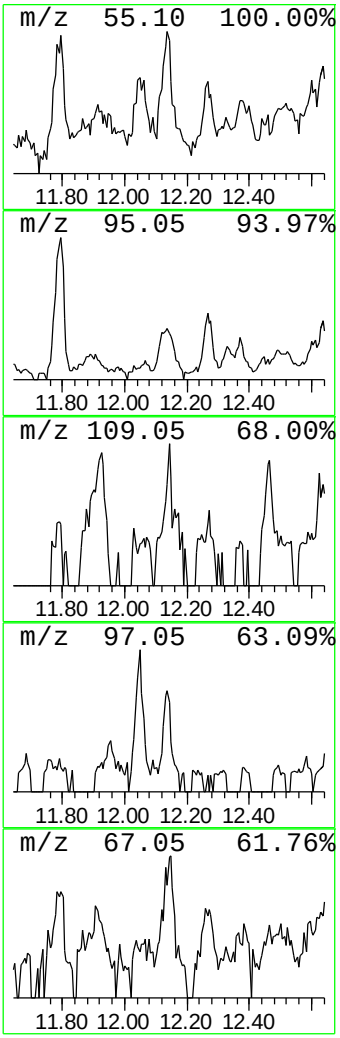
****

Peak Number 8 unknown12.14 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	16.53 ng	40642	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	46
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	43
3	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	38
4	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	25
5	Cyclohexanemethanol, .alpha.-pro...	156	C10H20O	004352-42-5	22





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Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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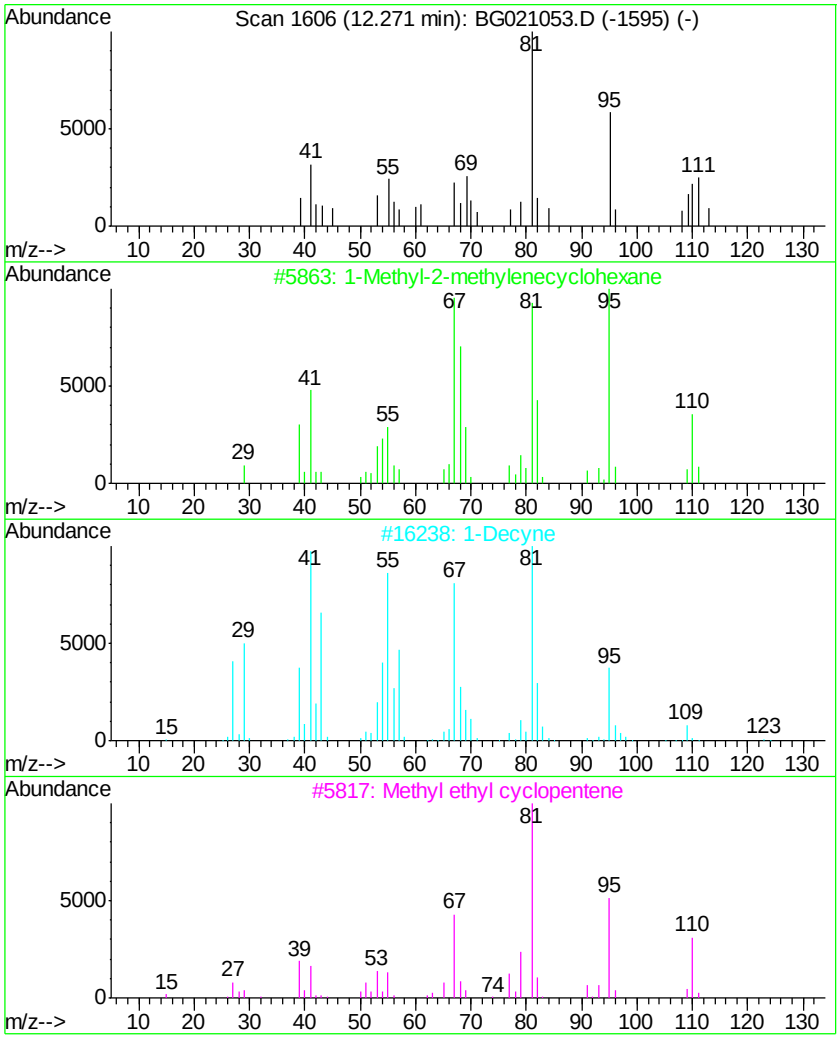
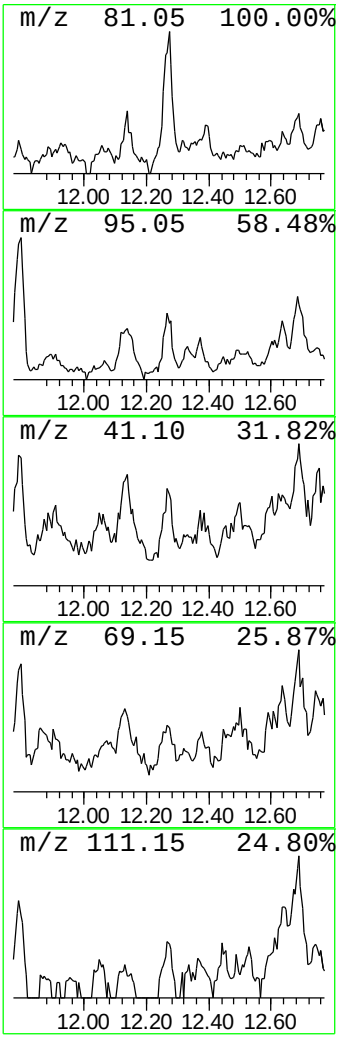
Peak Number 9 1-Methyl-2-methylenecyclohe... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	11.59 ng	28512	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	59
2	1-Decyne	138	C10H18	000764-93-2	50
3	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	47
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	47
5	R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	46





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Sample : H1507-07RE
Misc :
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Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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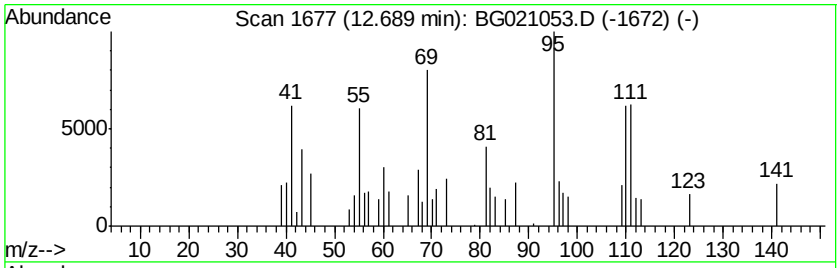
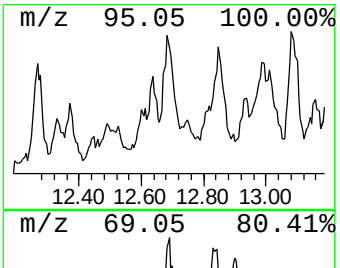
Peak Number 10 unknown12.69 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	11.73 ng	28848	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	38
2	Cyclooctanemethanol	142	C9H18O	003637-63-6	27
3	Dimethyl selenide	110	C2H6Se	000593-79-3	22
4	Cyclooctyl bromide	190	C8H15Br	001556-09-8	22
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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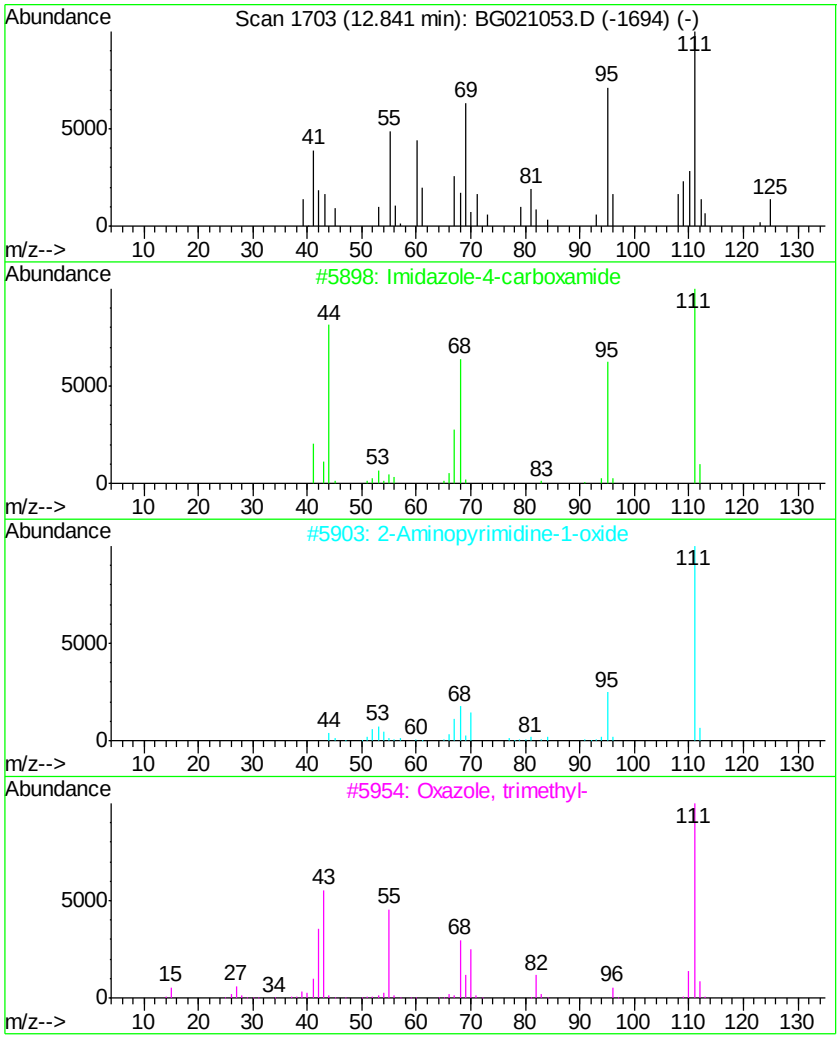
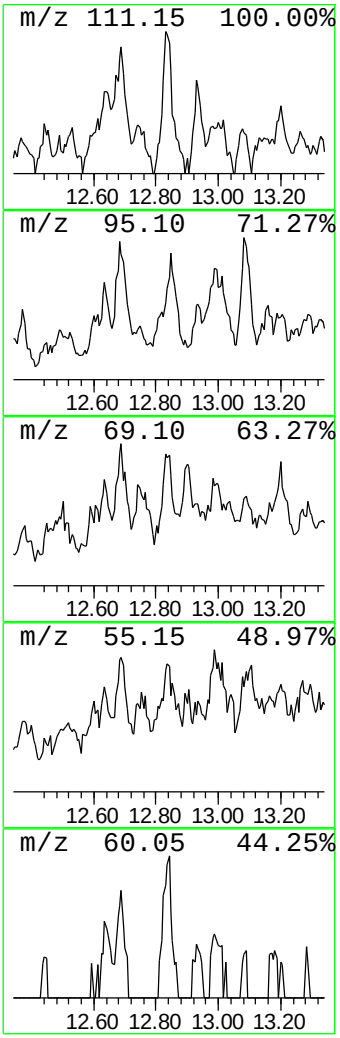
Peak Number 11 unknown12.84 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	11.95 ng	29397	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole-4-carboxamide	111	C4H5N3O	026832-08-6	38
2	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	38
3	Oxazole, trimethyl-	111	C6H9NO	020662-84-4	27
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	25
5	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	22





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Sample : H1507-07RE
Misc :
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ClientSampleId : HW-4RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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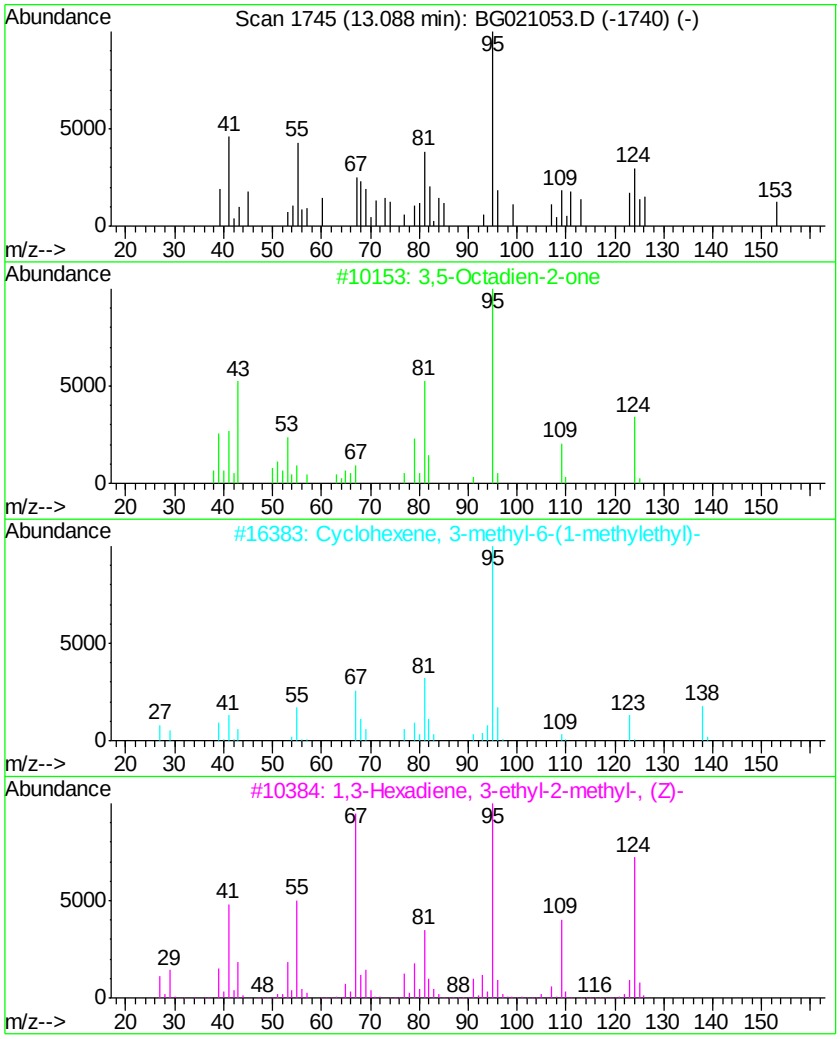
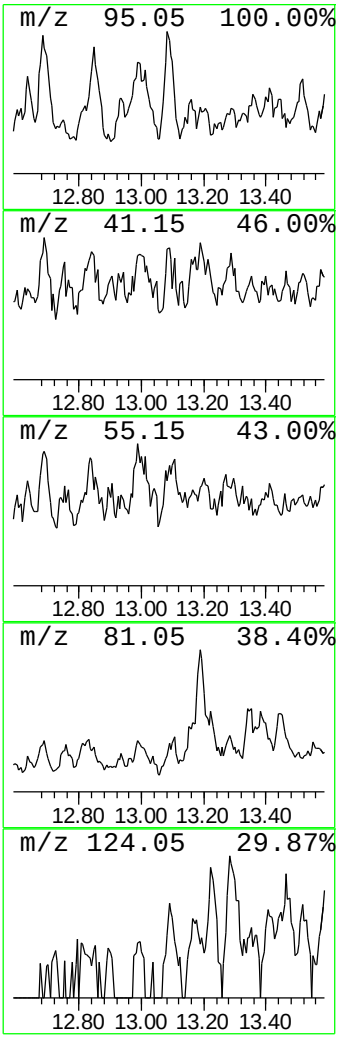
Peak Number 12 unknown13.09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	8.20 ng	25196	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadien-2-one	124	C8H12O	038284-27-4	47
2	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	35
3	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	33
4	Cyclopentene, 1-isopropyl-4,5-di...	138	C10H18	007712-74-5	32
5	Norbornane, 2-isobutyl-	152	C11H20	018127-14-5	32





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Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId : HW-4RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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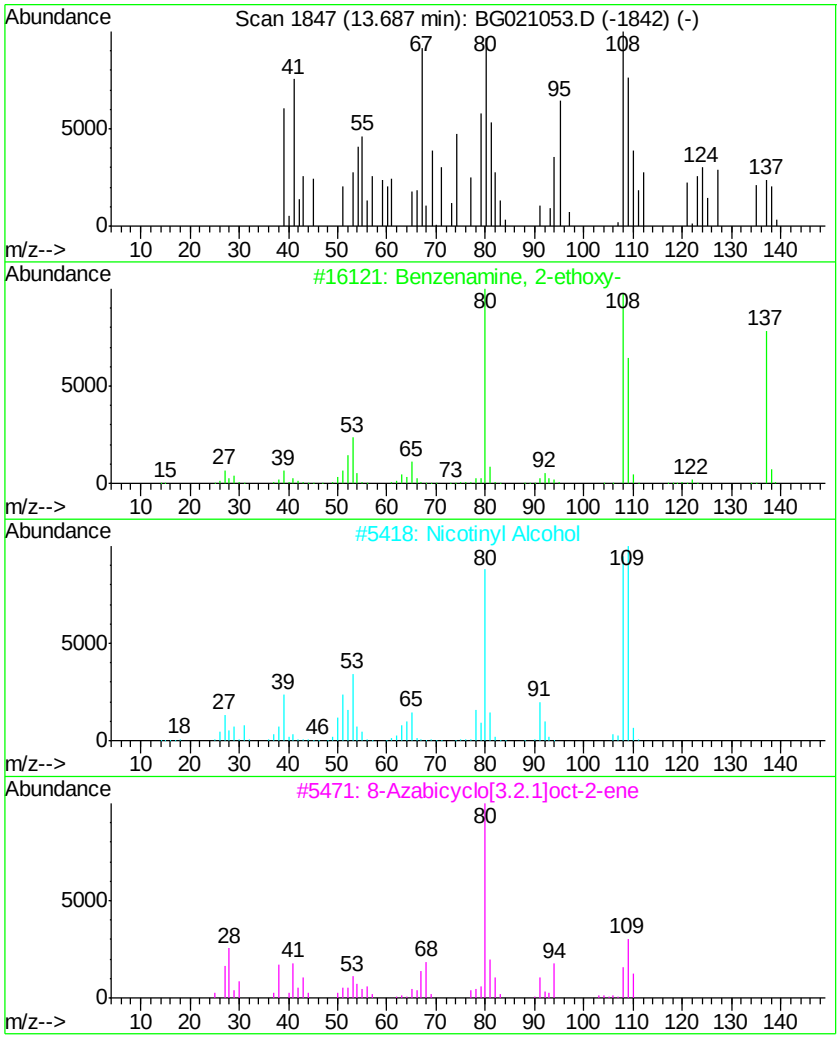
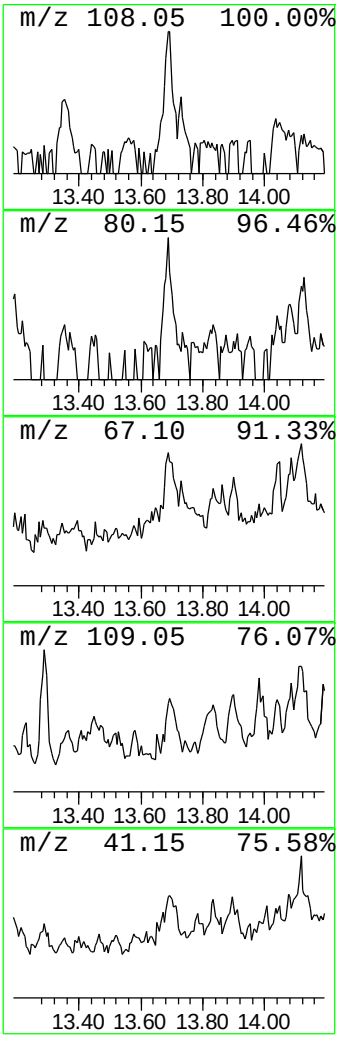
Peak Number 13 Benzenamine, 2-ethoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	10.20 ng	31334	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-ethoxy-	137	C8H11NO	000094-70-2	53
2	Nicotinyl Alcohol	109	C6H7NO	000100-55-0	52
3	8-Azabicyclo[3.2.1]oct-2-ene	109	C7H11N	005632-85-9	50
4	2(1H)-Pyridinone, 3-methyl-	109	C6H7NO	001003-56-1	46
5	1H-Pyrrole, 2-ethyl-	95	C6H9N	001551-06-0	43





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Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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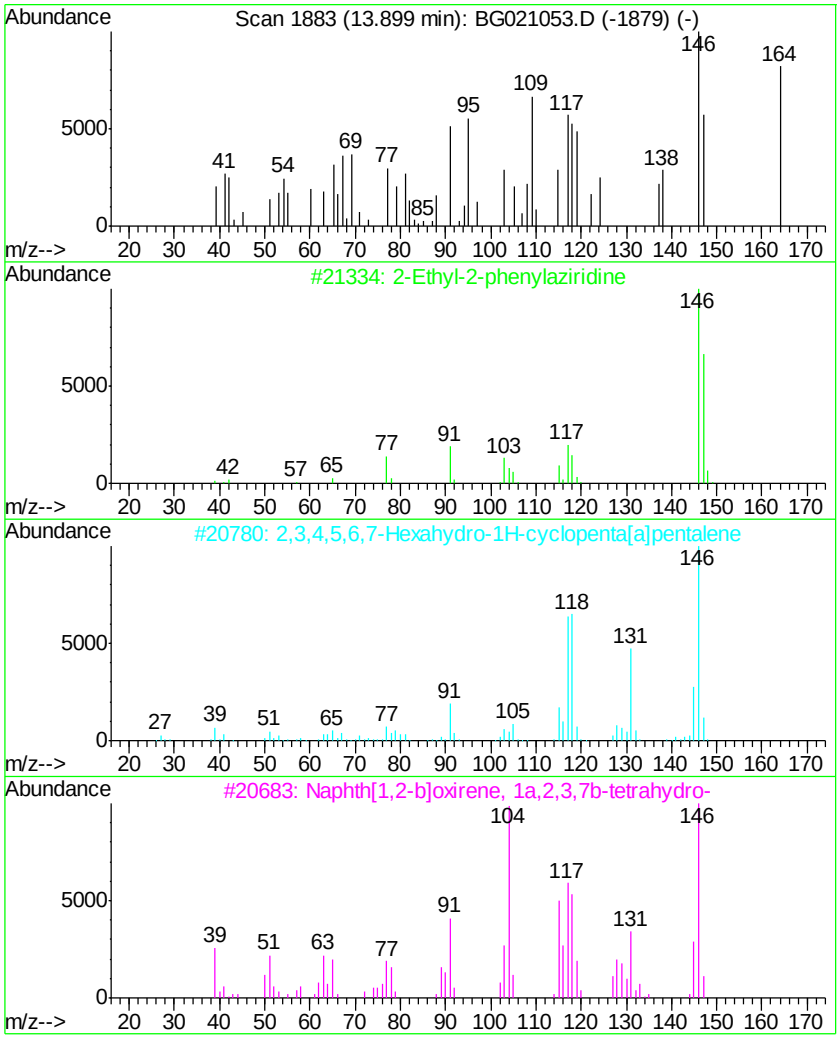
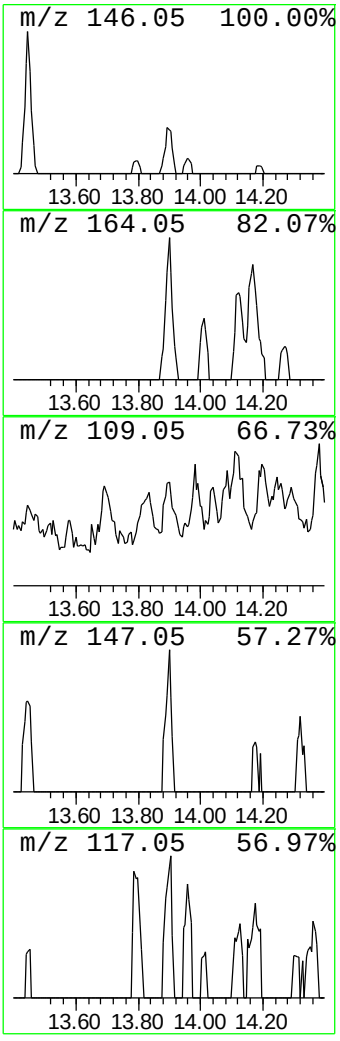
Peak Number 14 unknown13.90 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	7.95 ng	24428	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2-phenylaziridine	147	C10H13N	000768-82-1	46
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	27
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	27
4	Phenylacetic acid, 2-hydroxycarb...	208	C11H12O4	040484-15-9	22
5	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	18





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Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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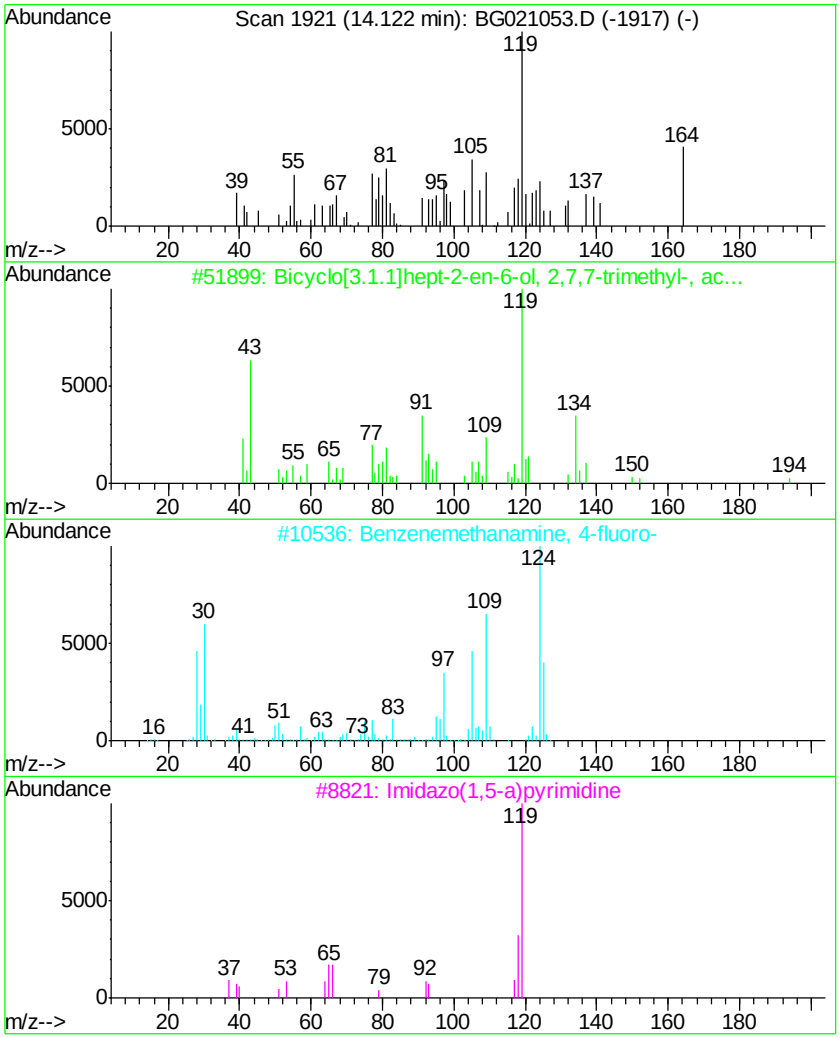
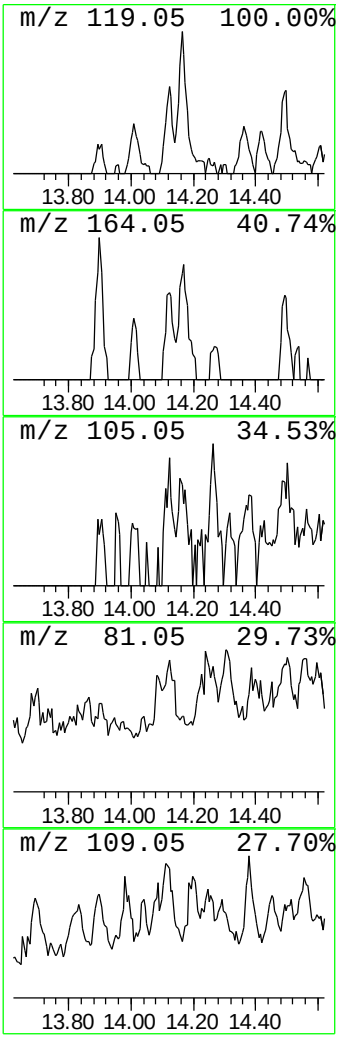
Peak Number 15 unknown14.12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	7.85 ng	24114	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-en-6-ol, 2,...	194	C12H18O2	050764-55-1	25
2	Benzenemethanamine, 4-fluoro-	125	C7H8FN	000140-75-0	18
3	Imidazo(1,5-a)pyrimidine	119	C6H5N3	000274-67-9	14
4	Acetonitrile, 2-{4-[(dimethylami...	163	C9H13N3	1000197-65-5	12
5	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	11





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Sample : H1507-07RE
Misc :
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Instrument : BNA_G
ClientSampleId : HW-4RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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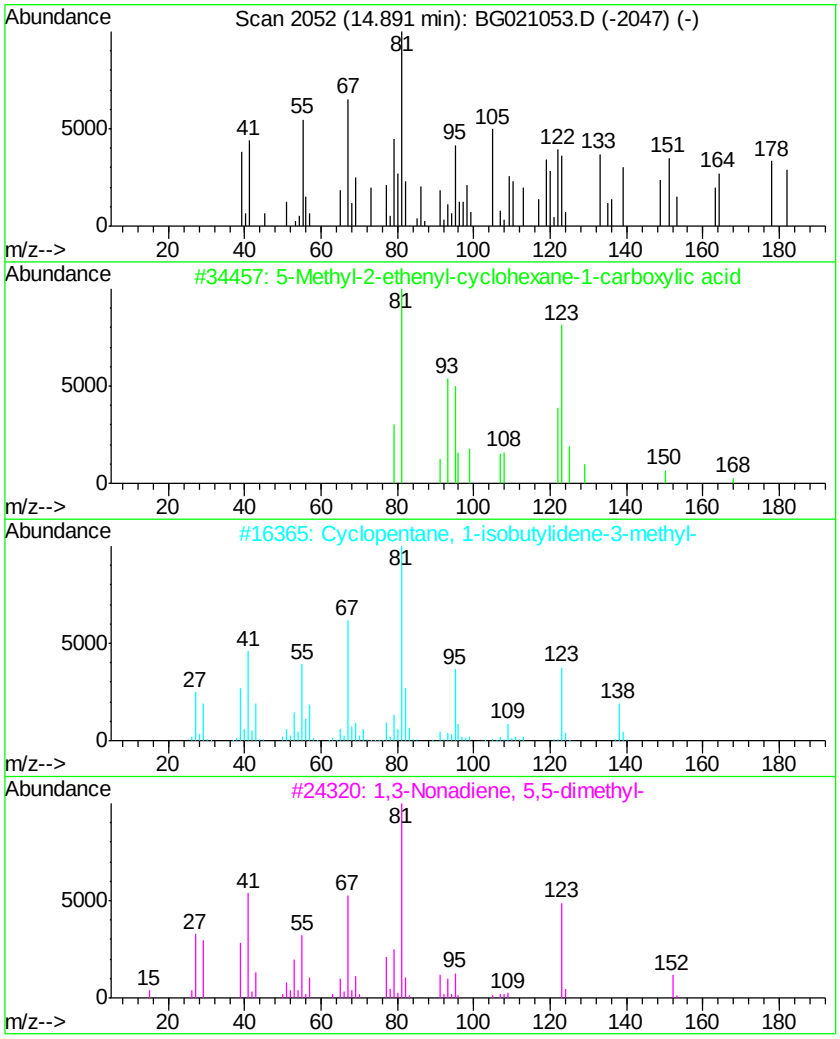
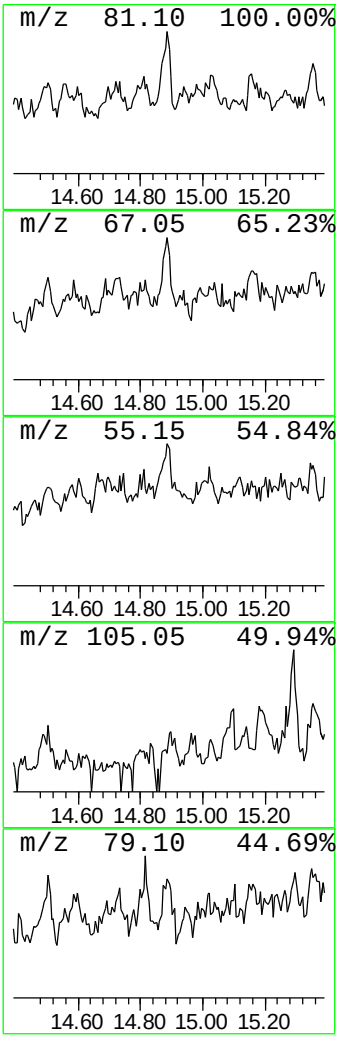
Peak Number 16 unknown14.89 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	11.48 ng	35273	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	47
2	Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	32
3	1,3-Nonadiene, 5,5-dimethyl-	152	C11H20	1000142-73-3	27
4	Propanal, 3-cyclohexylidene-2-me...	152	C10H16O	053155-83-2	27
5	5-Dodecyne	166	C12H22	019780-12-2	27





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Instrument : BNA_G
ClientSampleId : HW-4RE

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TIC Library : C:\DATABASE\NIST02.L
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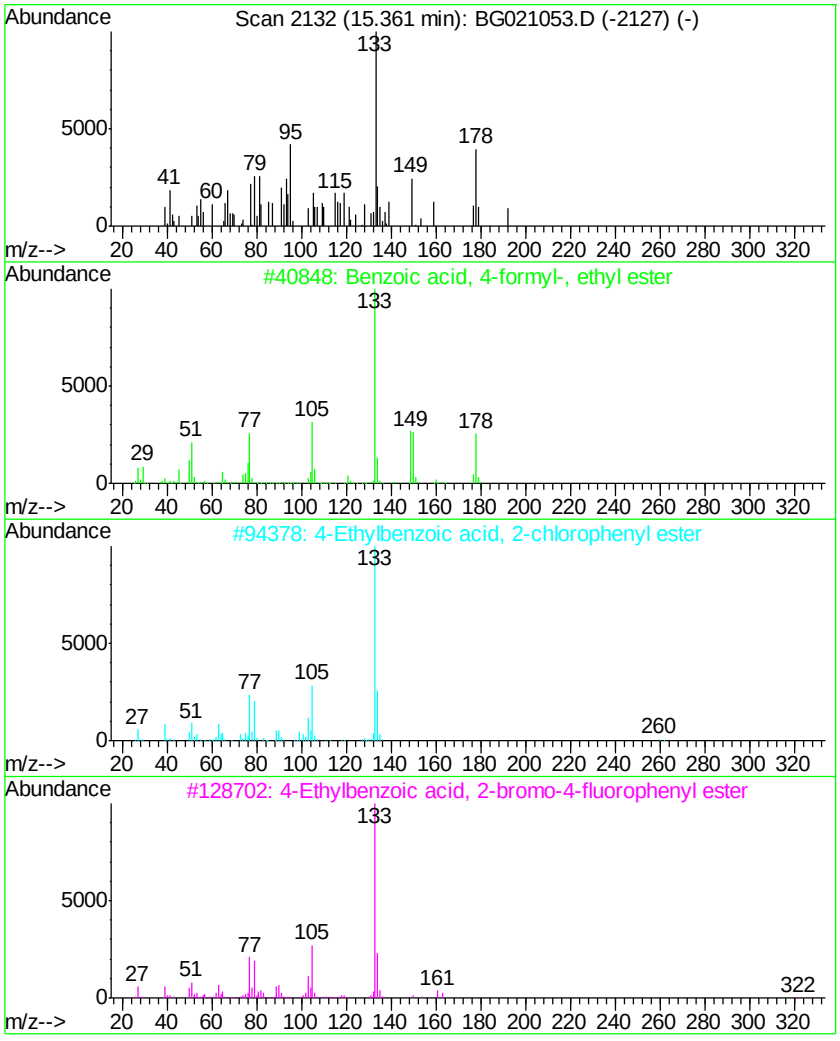
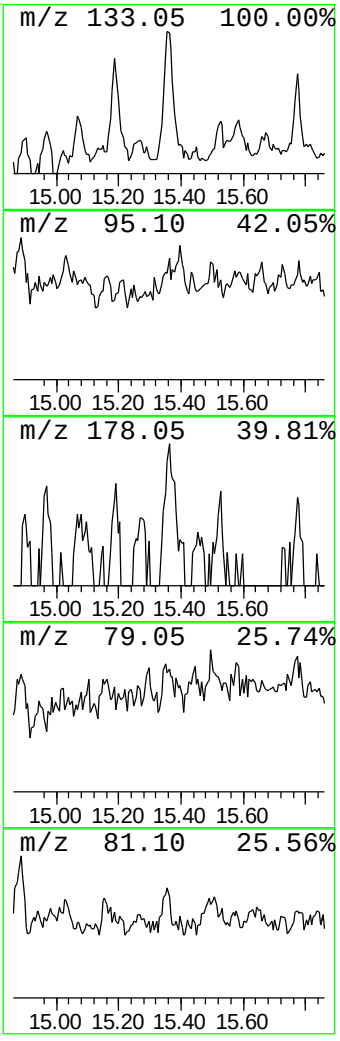
Peak Number 17 unknown15.36 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	8.50 ng	26104	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-formyl-, ethyl e...	178	C10H10O3	006287-86-1	47
2	4-Ethylbenzoic acid, 2-chlorophe...	260	C15H13ClO2	1000293-61-0	35
3	4-Ethylbenzoic acid, 2-bromo-4-f...	322	C15H12BrFO2	1000293-61-1	35
4	Mesitylacetic acid	178	C11H14O2	004408-60-0	32
5	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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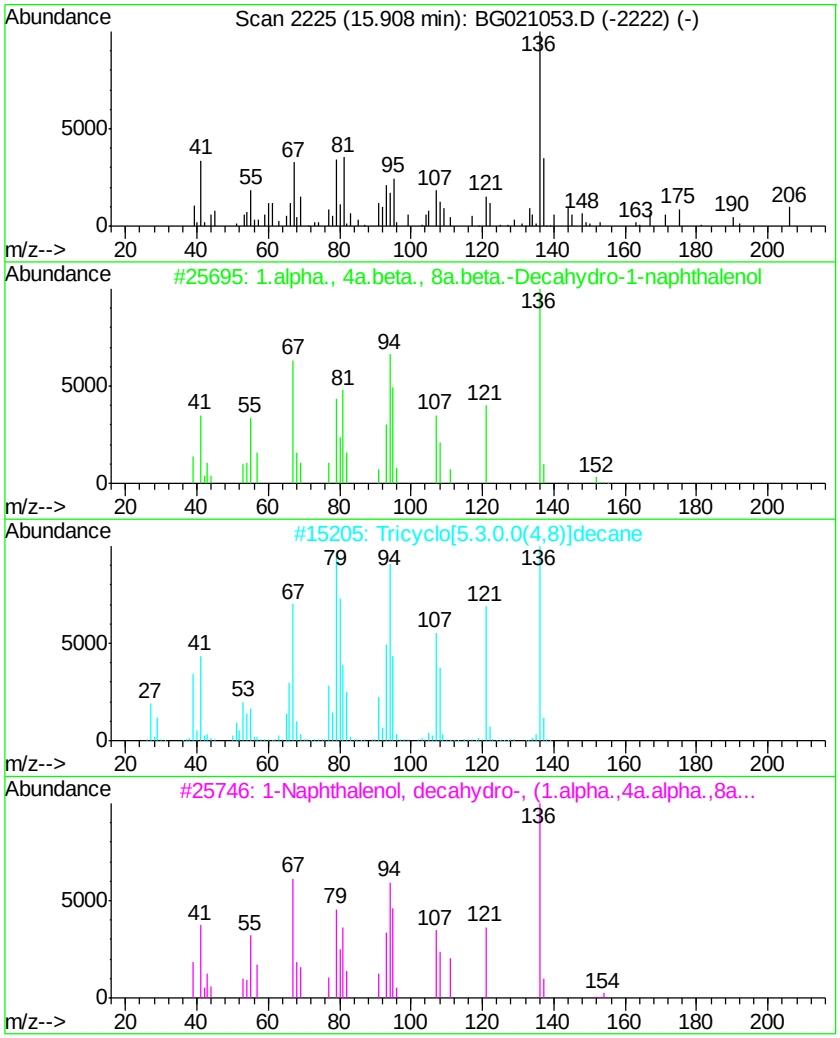
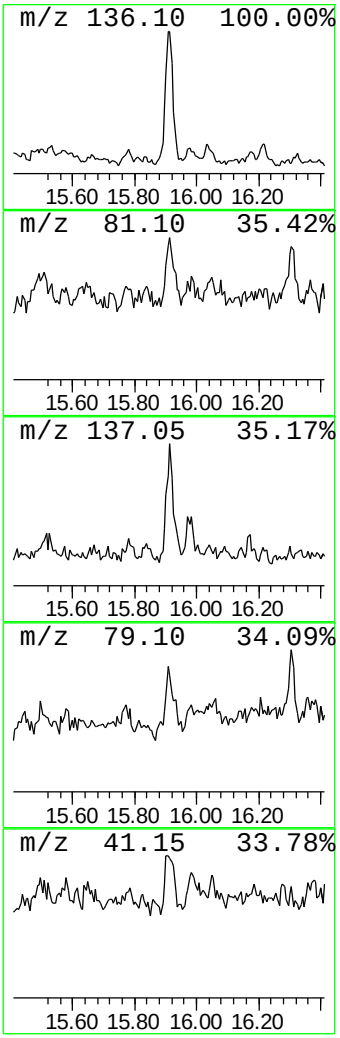
Peak Number 18 1.alpha., 4a.beta., 8a.beta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	13.23 ng	40638	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	002529-05-7	50
2	Tricyclo[5.3.0.0(4,8)]decane	136	C10H16	019485-20-2	50
3	1-Naphthalenol, decahydro-, (1.a...	154	C10H18O	014759-74-1	50
4	3-Methoxybenzylamine	137	C8H11NO	005071-96-5	49
5	3-BENZYLSULFONYL-2,6,6-TRIMETHYL...	292	C17H24O2S	1000242-12-7	47





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TIC Library : C:\DATABASE\NIST02.L
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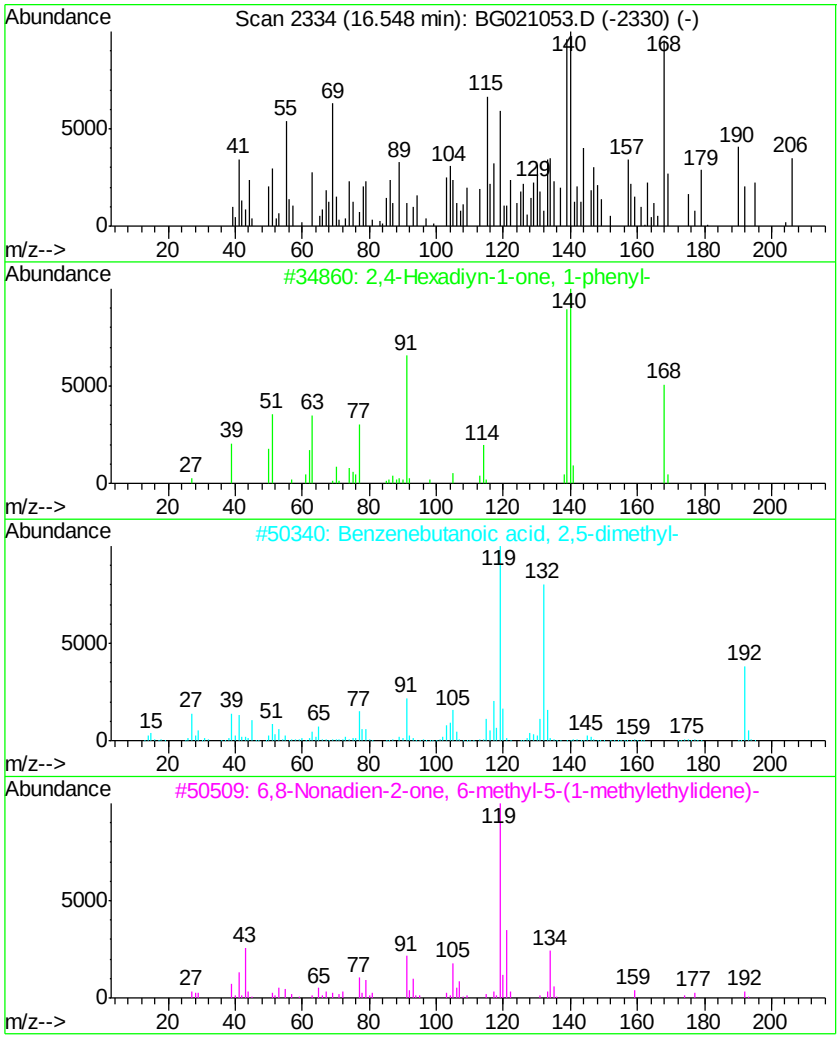
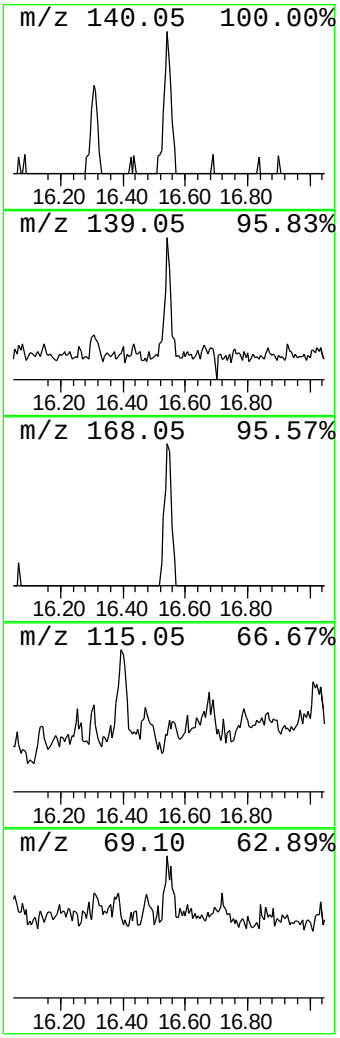
Peak Number 20 unknown16.55 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	14.64 ng	40708	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiyn-1-one, 1-phenyl-	168	C12H8O	000495-74-9	14
2	Benzenebutanoic acid, 2,5-dimethyl-	192	C12H16O2	001453-06-1	14
3	6,8-Nonadien-2-one, 6-methyl-5-(...	192	C13H20O	060714-16-1	11
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	11
5	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021053.D
Acq On : 24 Feb 2016 9:10
Operator : UM/SJ
Sample : H1507-07RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-4RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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
Propane, 2,2-dime...	3.06	18.3	ng	23125	1	8.21	25340	20.0
Cyanic acid, 2-me...	3.20	14.6	ng	18499	1	8.21	25340	20.0
unknown7.75	7.75	116.1	ng	147079	1	8.21	25340	20.0
unknown9.30	9.30	44.9	ng	56920	1	8.21	25340	20.0
unknown10.79	10.79	10.6	ng	26091	2	11.02	49186	20.0
unknown11.79	11.79	15.6	ng	38427	2	11.02	49186	20.0
unknown12.14	12.14	16.5	ng	40642	2	11.02	49186	20.0
1-Methyl-2-methyl...	12.27	11.6	ng	28512	2	11.02	49186	20.0
unknown12.69	12.69	11.7	ng	28848	2	11.02	49186	20.0
unknown12.84	12.84	11.9	ng	29397	2	11.02	49186	20.0
unknown13.09	13.09	8.2	ng	25196	3	14.82	61431	20.0
Benzenamine, 2-et...	13.69	10.2	ng	31334	3	14.82	61431	20.0
unknown13.90	13.90	8.0	ng	24428	3	14.82	61431	20.0
unknown14.12	14.12	7.8	ng	24114	3	14.82	61431	20.0
unknown14.89	14.89	11.5	ng	35273	3	14.82	61431	20.0
unknown15.36	15.36	8.5	ng	26104	3	14.82	61431	20.0
1.alpha., 4a.beta...	15.91	13.2	ng	40638	3	14.82	61431	20.0
unknown16.55	16.55	14.6	ng	40708	4	17.56	55630	20.0