LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022619.D
Acq On : 26 Jun 2016 21:24
Operator : UM/SJ
Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

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-BG062516.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	5.240	404	409	415	rBV	100785	158420	1.50%	0.217%
2	5.705	481	488	497	rBV	1689024	2807464	26.66%	3.844%
3	7.309	752	761	772	rBV	1233859	2191419	20.81%	3.000%
4	7.691	818	826	836	rBV	2985326	5240289	49.76%	7.174%
5	8.161	900	906	914	rVB	661476	1121078	10.65%	1.535%
6	8.490	954	962	973	rBV	2486773	4342599	41.24%	5.945%
7	9.165	1072	1077	1083	rBV5	74552	129179	1.23%	0.177%
8	9.336	1098	1106	1112	rBV	2235106	4130096	39.22%	5.654%
9	9.394	1112	1116	1121	rVB4	95856	169363	1.61%	0.232%
10	9.900	1197	1202	1208	rVB4	118626	206944	1.97%	0.283%
11	10.769	1346	1350	1356	rVB3	74223	140835	1.34%	0.193%
12	10.840	1356	1362	1369	rBV6	95765	265975	2.53%	0.364%
13	10.987	1379	1387	1394	rBV	955277	1798811	17.08%	2.463%
14	11.239	1423	1430	1435	rBV9	76247	182250	1.73%	0.250%
15	11.345	1444	1448	1454	rBV5	86112	147138	1.40%	0.201%
16	11.568	1481	1486	1491	rVB8	73010	123718	1.17%	0.169%
17	11.774	1512	1521	1529	rBV8	81425	335965	3.19%	0.460%
18	12.109	1572	1578	1585	rVB5	175780	350122	3.32%	0.479%
19	12.232	1594	1599	1605	rBV	268228	497870	4.73%	0.682%
20	12.432	1627	1633	1639	rVB2	249891	480189	4.56%	0.657%
21	12.802	1691	1696	1700	rBV3	170832	265492	2.52%	0.363%
22	12.896	1707	1712	1716	rBV7	155991	260096	2.47%	0.356%
23	13.090	1742	1745	1748	rBV5	108292	142173	1.35%	0.195%
24	13.149	1750	1755	1760	rVB4	294952	533879	5.07%	0.731%
25	13.208	1760	1765	1769	rBV4	255469	425212	4.04%	0.582%
26	13.260	1771	1774	1779	rVB2	284910	407182	3.87%	0.557%
27	13.331	1780	1786	1793	rBV2	496015	1238919	11.77%	1.696%
28	13.419	1794	1801	1807	rVB	5412632	9027912	85.73%	12.360%
29	13.819	1864	1869	1876	rVB2	693642	1310330	12.44%	1.794%
30	14.048	1903	1908	1913	rBV7	231921	506689	4.81%	0.694%
31	14.124	1918	1921	1926	rVB5	278406	447686	4.25%	0.613%
32	14.412	1962	1970	1972	rBV7	299280	815666	7.75%	1.117%
33	14.800	2031	2036	2046	rBV2	1406886	2352069	22.34%	3.220%
34	15.299	2117	2121	2130	rBV6	686370	1693109	16.08%	2.318%

LSC Area Percent Report

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Data File : BG022619.D
Acq On : 26 Jun 2016 21:24
Operator : UM/SJ
Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

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-BG062516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.298	2285	2291	2295	rBV	4970643	7984891	75.83%	10.932%
36	17.561	2502	2506	2512	rVB2	1765948	2581372	24.51%	3.534%
37	20.164	2945	2949	2956	rVB	7977370	10530191	100.00%	14.417%
38	21.727	3212	3215	3221	rVB	680251	999064	9.49%	1.368%
39	21.862	3233	3238	3245	rVB	1939158	3384453	32.14%	4.634%
40	25.223	3802	3810	3822	rVB	1092663	3315523	31.49%	4.539%

Sum of corrected areas: 73041632

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022619.D
Acq On : 26 Jun 2016 21:24
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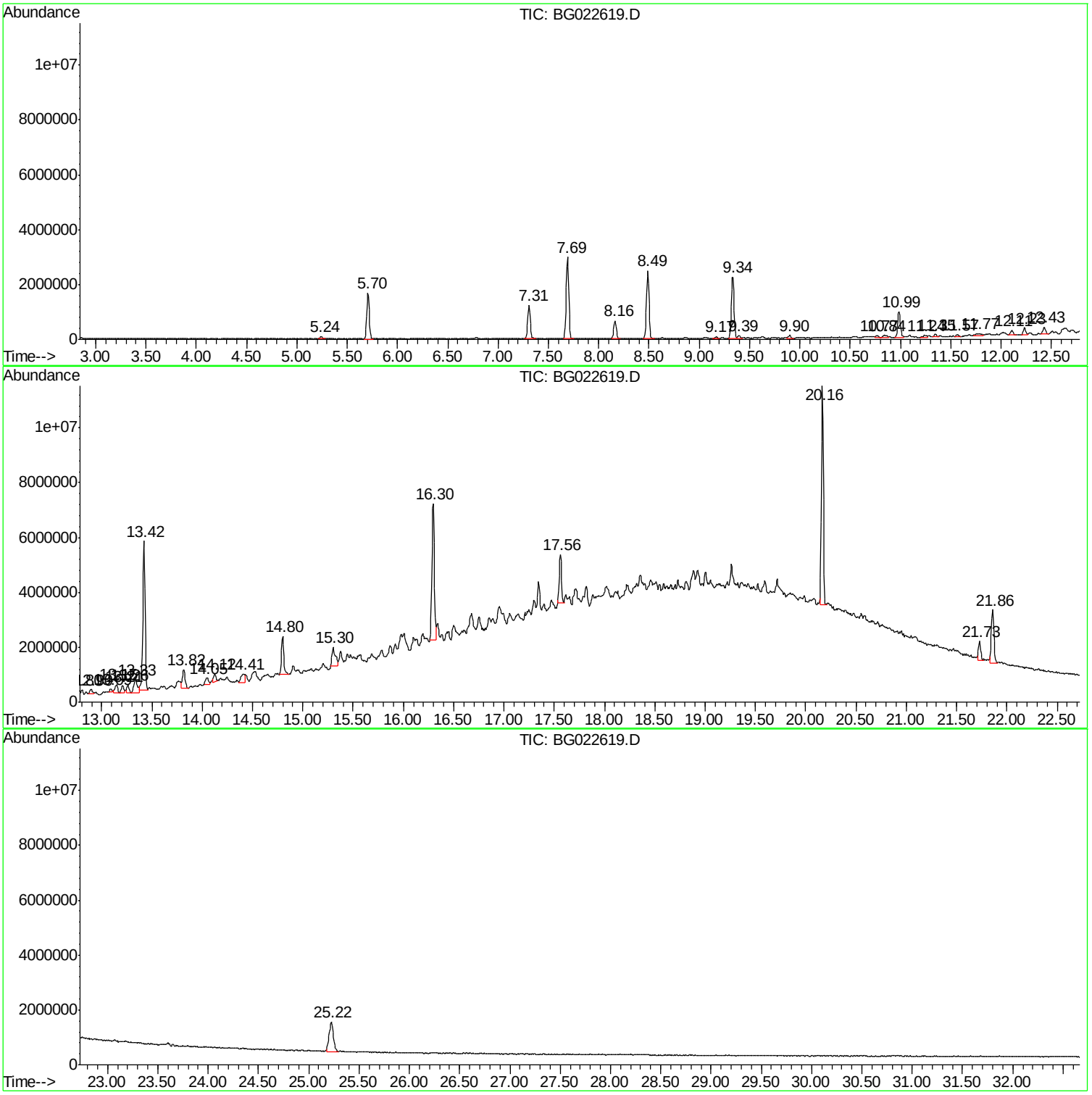
Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022619.D
Acq On : 26 Jun 2016 21:24
Operator : UM/SJ
Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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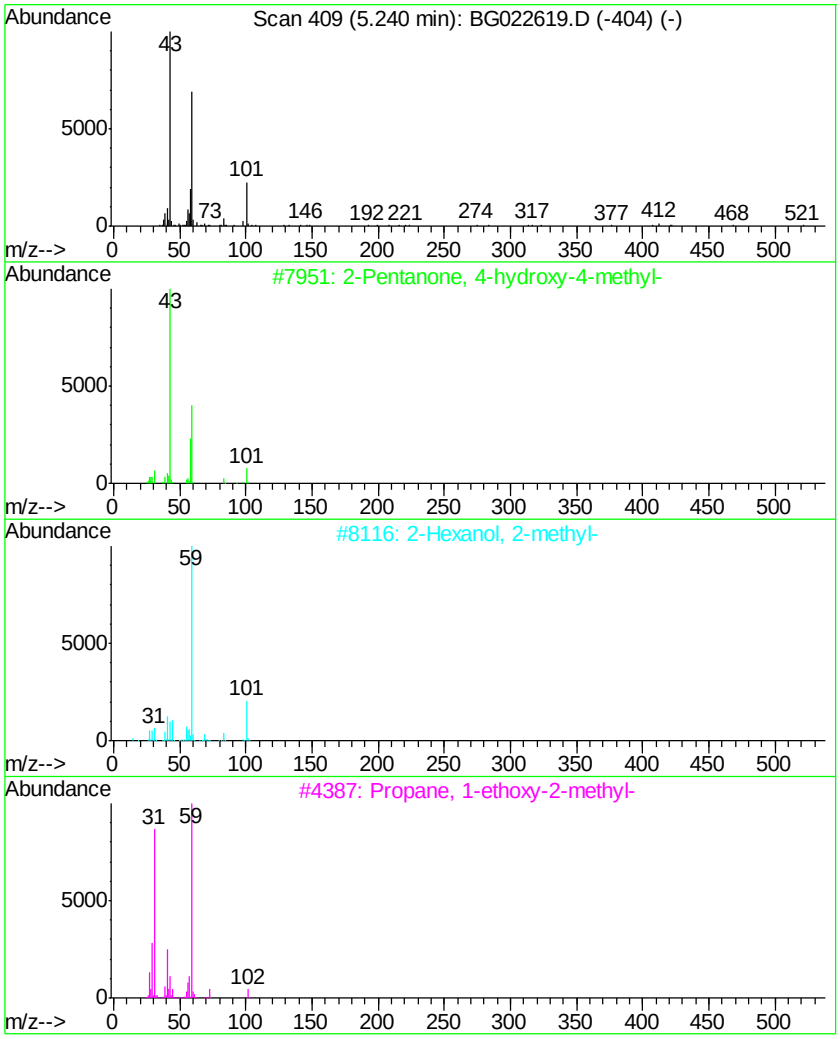
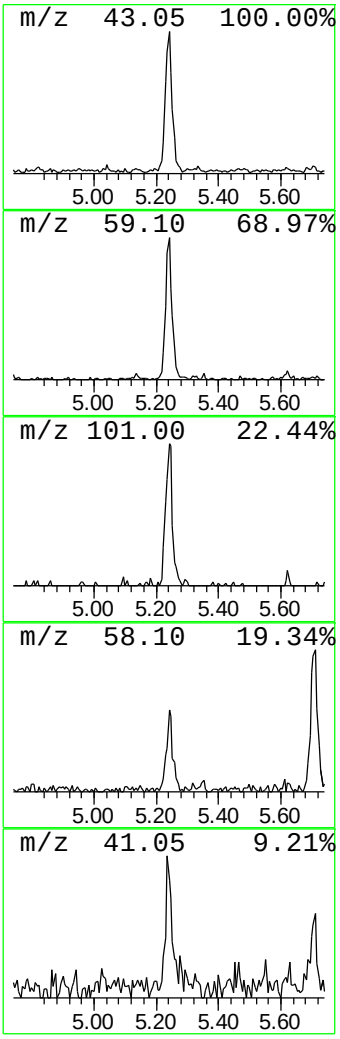
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	2.83 ng	158420	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	30
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022619.D
Acq On : 26 Jun 2016 21:24
Operator : UM/SJ
Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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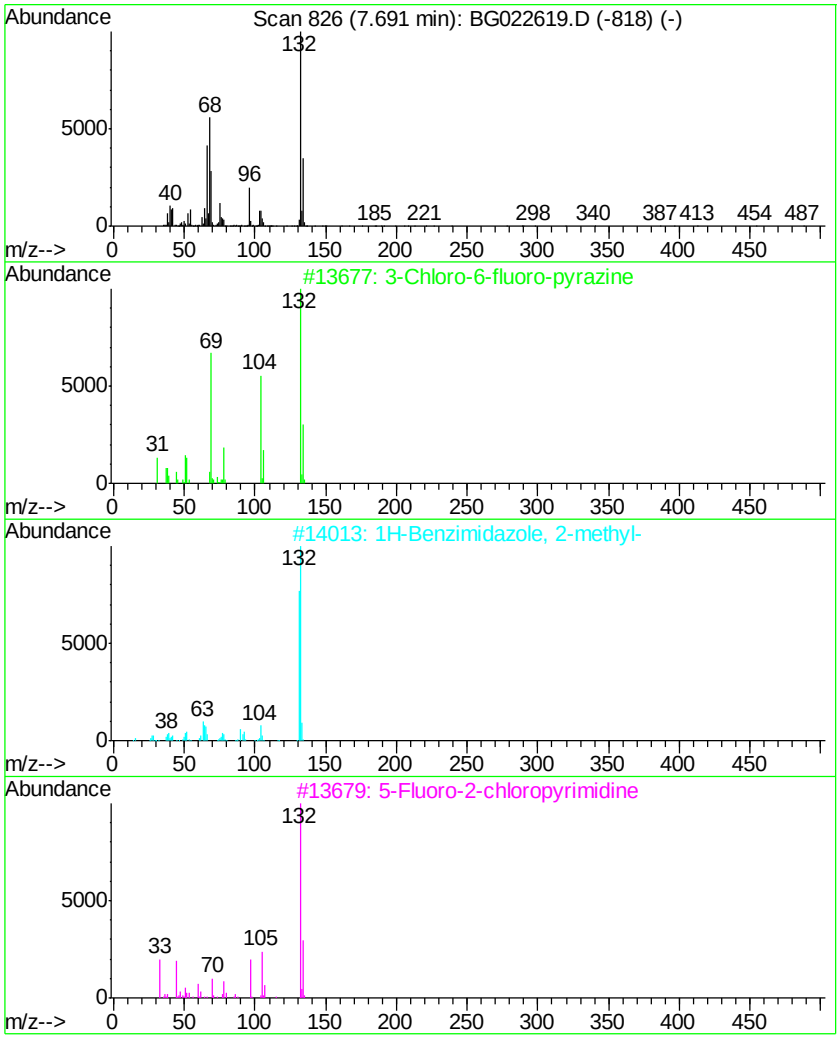
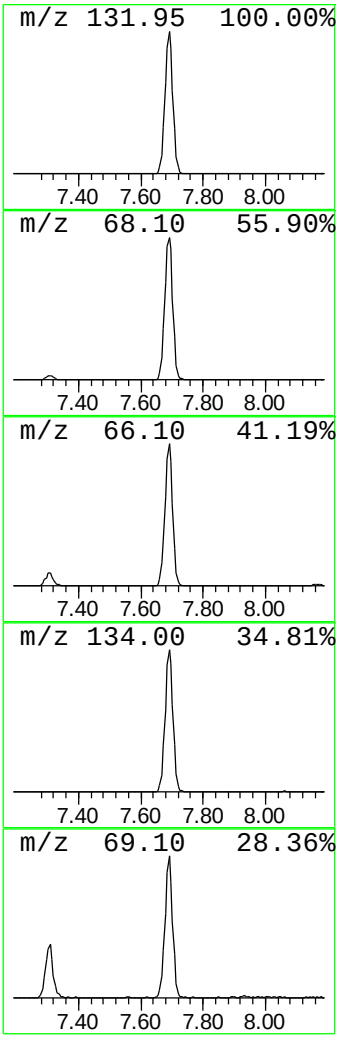
Peak Number 2 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	93.49 ng	5240290	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022619.D
Acq On : 26 Jun 2016 21:24
Operator : UM/SJ
Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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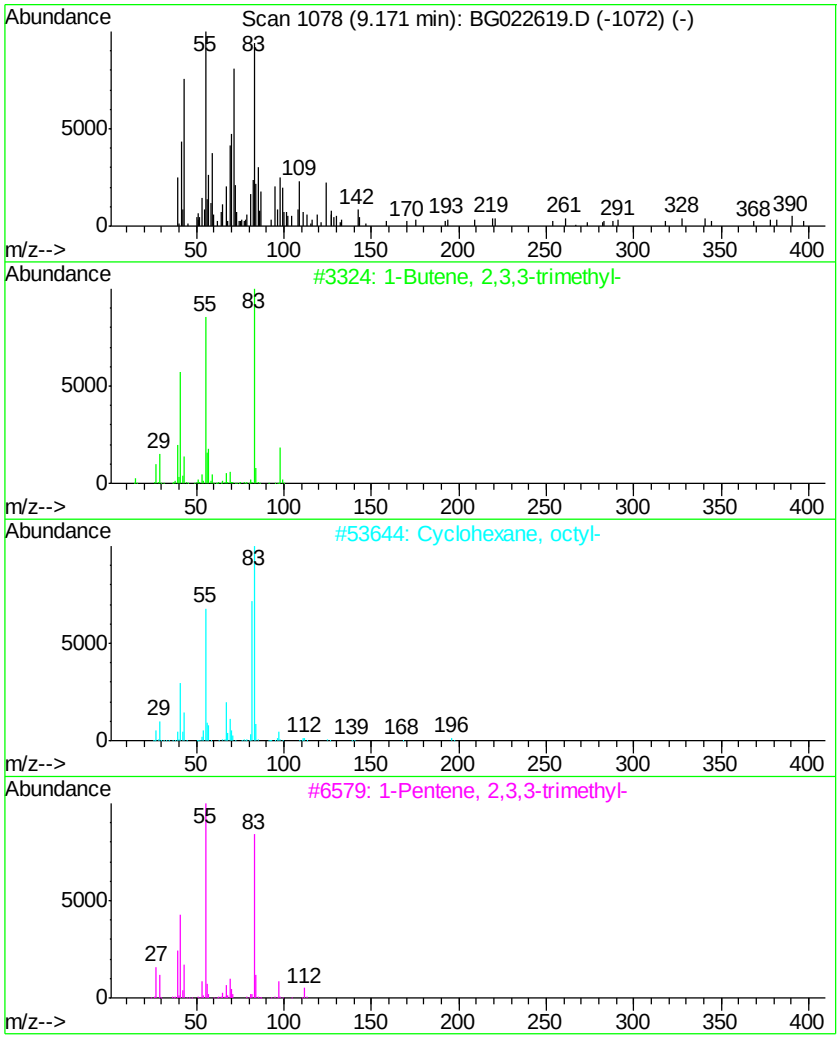
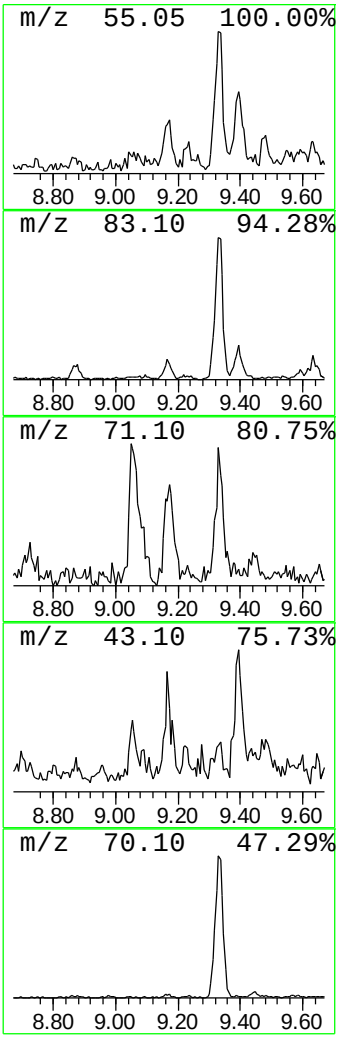
Peak Number 4 unknown9.17 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.30 ng	129179	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	35
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	30
3	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	27
4	(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	27
5	2H-Pyran-2-carboxaldehyde, 3,4-d...	112	C6H8O2	000100-73-2	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022619.D
Acq On : 26 Jun 2016 21:24
Operator : UM/SJ
Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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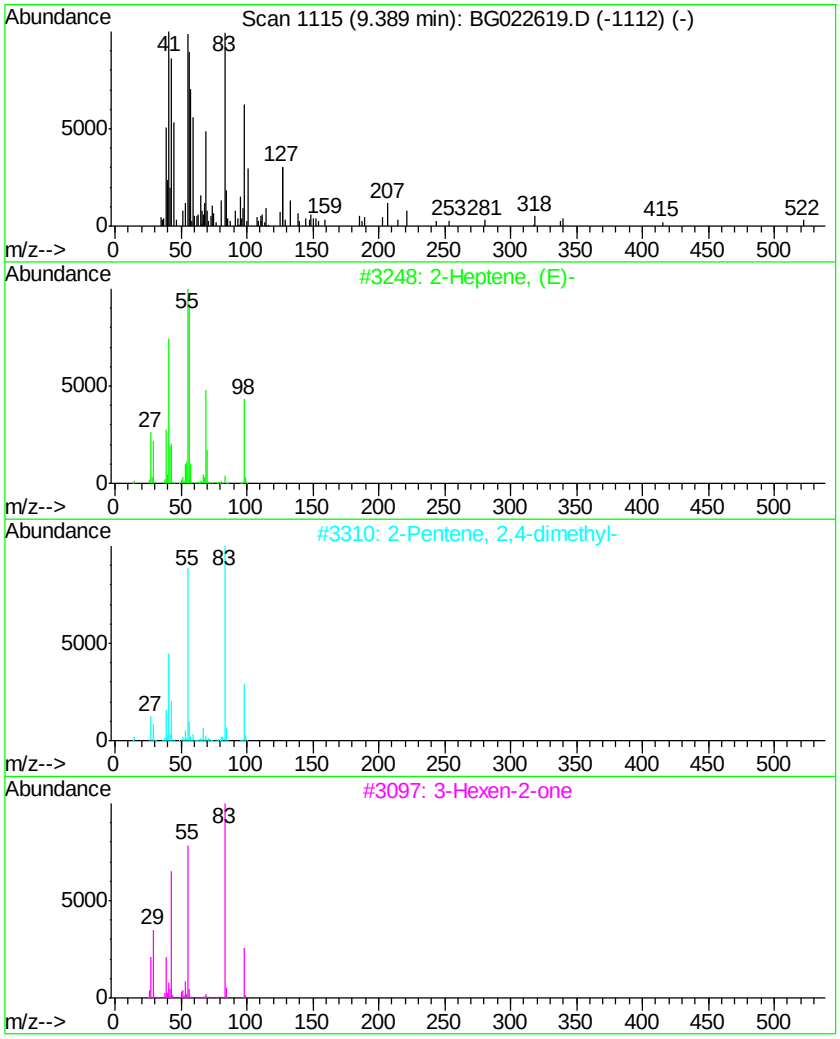
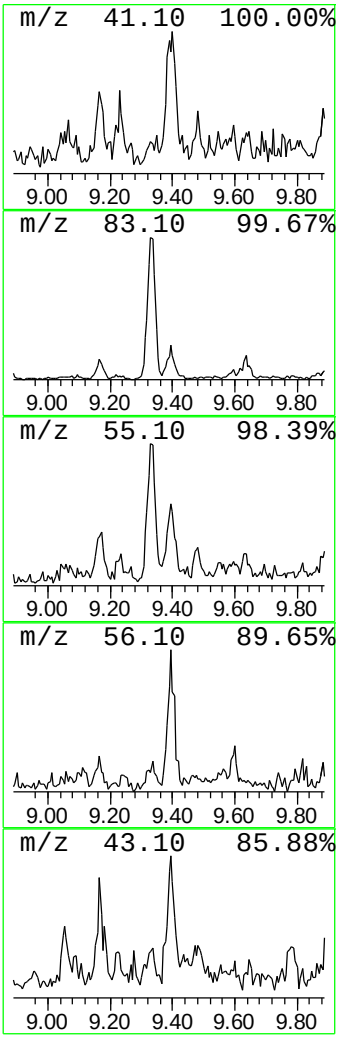
Peak Number 5 unknown9.39 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	3.02 ng	169363	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, (E)-	98	C7H14	014686-13-6	30
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	27
3	3-Hexen-2-one	98	C6H10O	000763-93-9	25
4	Azetidine, 3-methyl-1-(1-methyle...	113	C7H15N	055683-33-5	25
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022619.D
Acq On : 26 Jun 2016 21:24
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Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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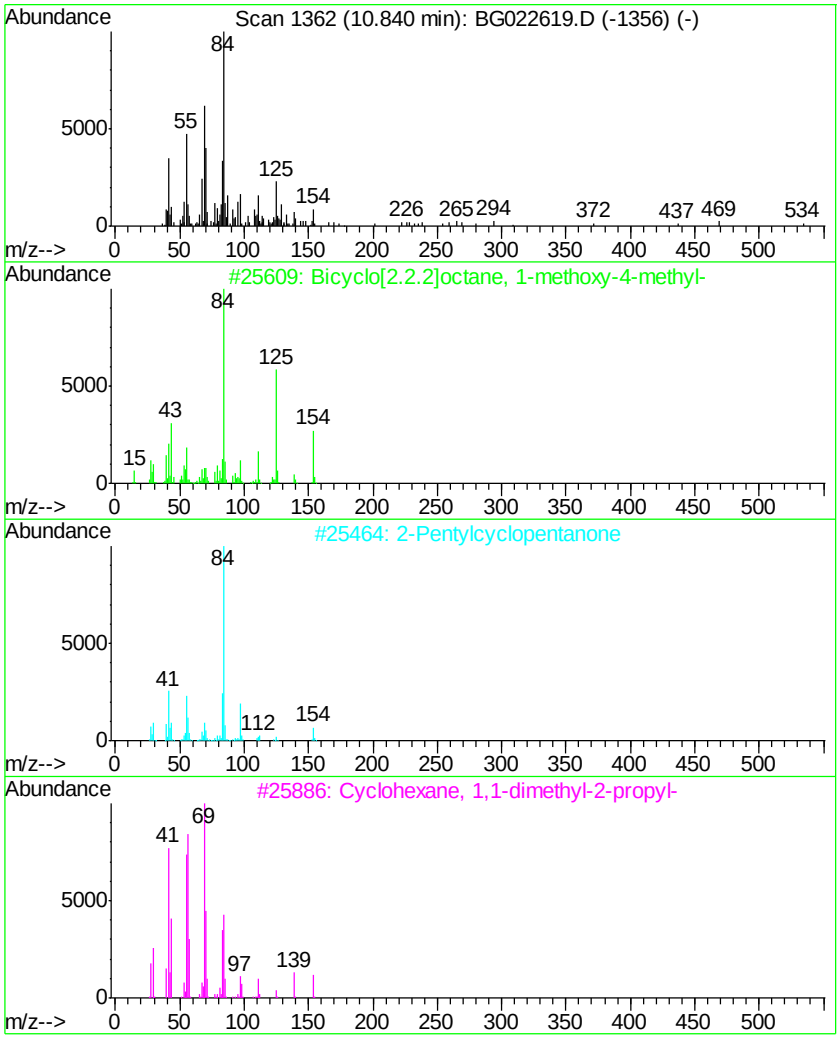
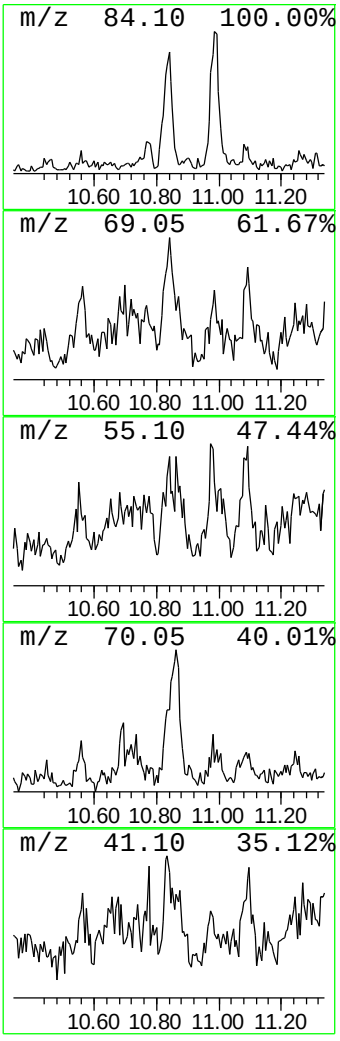
Peak Number 6 unknown10.84 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	2.96 ng	265975	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 1-methoxy-...	154	C10H18O	006555-95-9	47
2	2-Pentylcyclopentanone	154	C10H18O	1000191-05-3	46
3	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	43
4	2-Cyclohexen-1-ol, 3-methyl-6-(1...	154	C10H18O	016721-38-3	43
5	2-Piperidinecarboxylic acid	129	C6H11NO2	000535-75-1	38





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ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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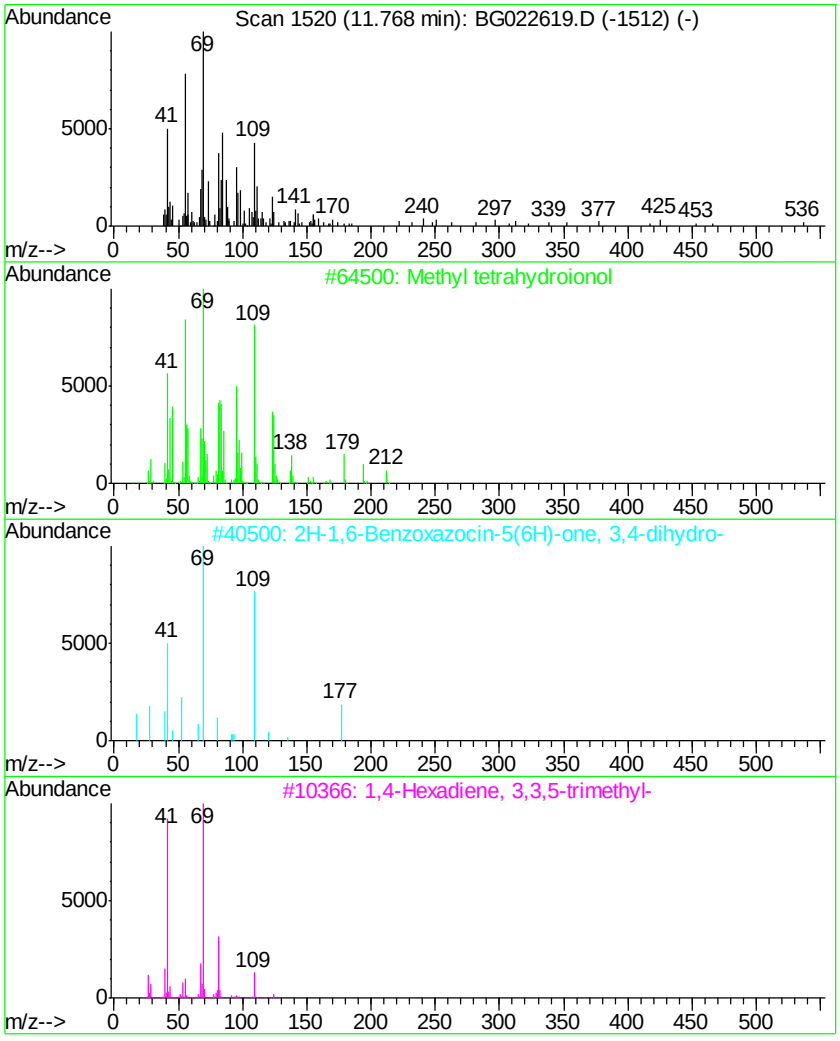
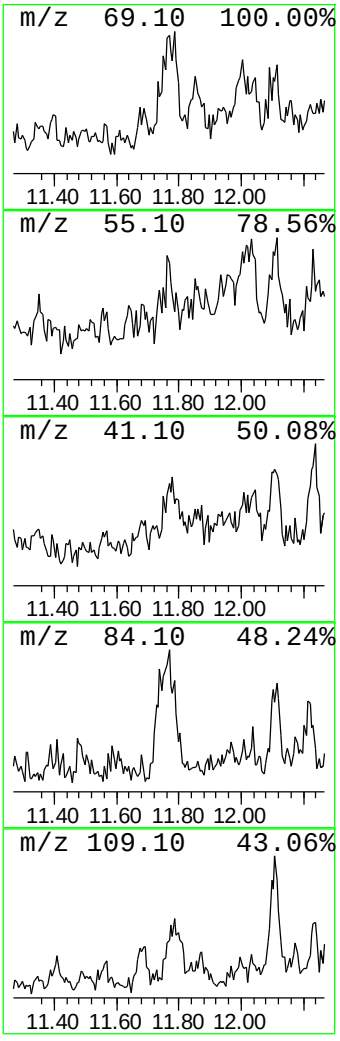
Peak Number 7 unknown11.77 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.74 ng	335965	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetrahydroionol	212	C14H28O	060241-53-4	42
2	2H-1,6-Benzoxazocin-5(6H)-one, 3...	177	C10H11NO2	051110-93-1	32
3	1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	32
4	2-Butenoic acid, 1-methylethyl e...	128	C7H12O2	018060-77-0	22
5	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	22





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Sample : H3741-06
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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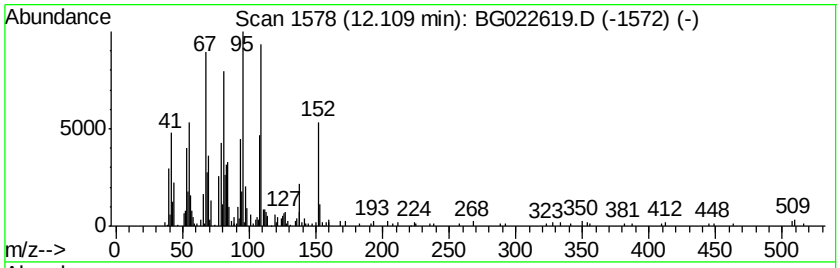
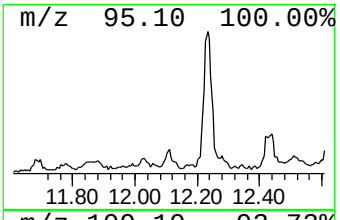
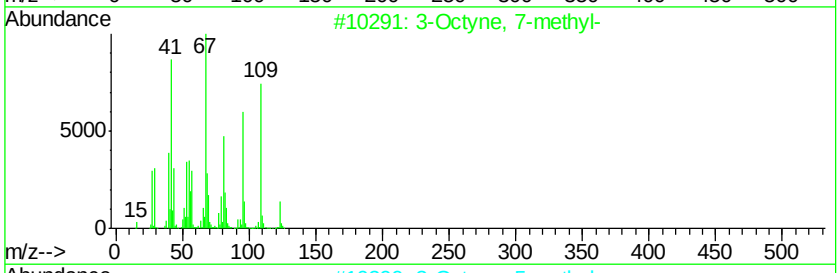
Peak Number 8 3-Octyne, 7-methyl- Concentration Rank 11

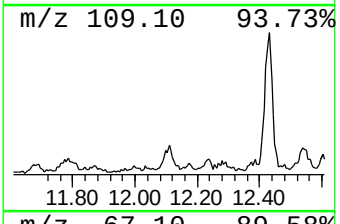
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.89 ng	350122	Naphthalene-d8	10.99

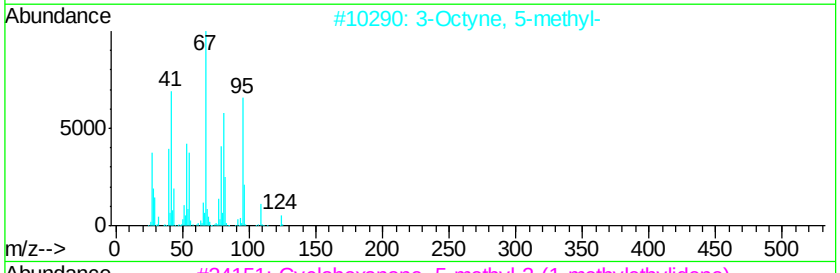
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	58
2	3-Octyne, 5-methyl-	124	C9H16	062108-33-2	43
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	43
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
5	Pyridine, 3-methyl-, 1-oxide	109	C6H7NO	001003-73-2	38

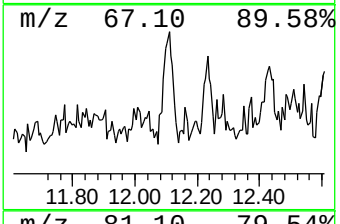


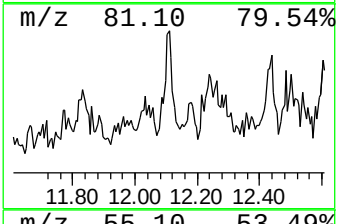


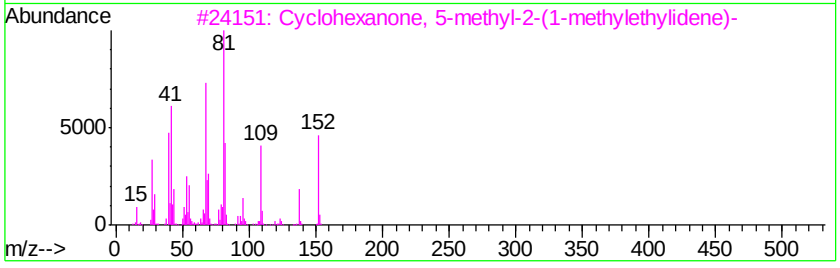


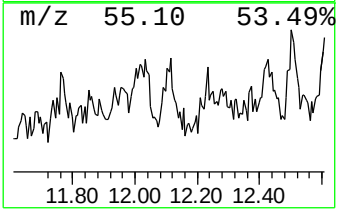












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Acq On : 26 Jun 2016 21:24
Operator : UM/SJ
Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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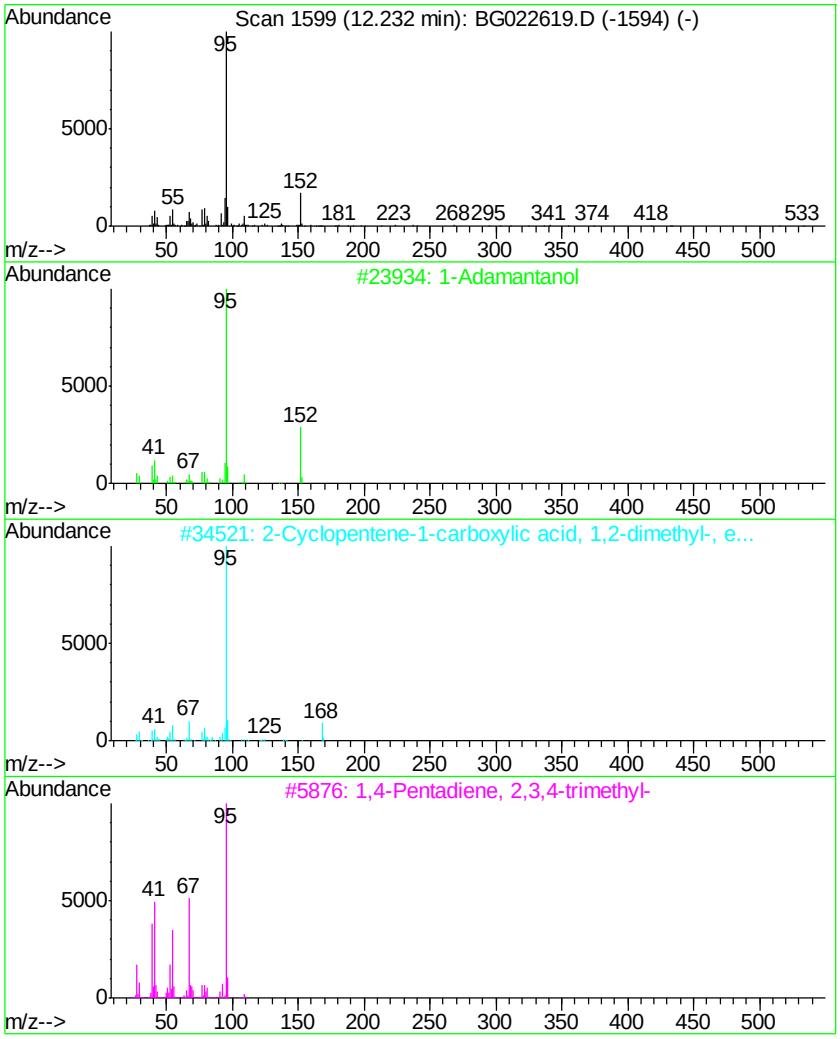
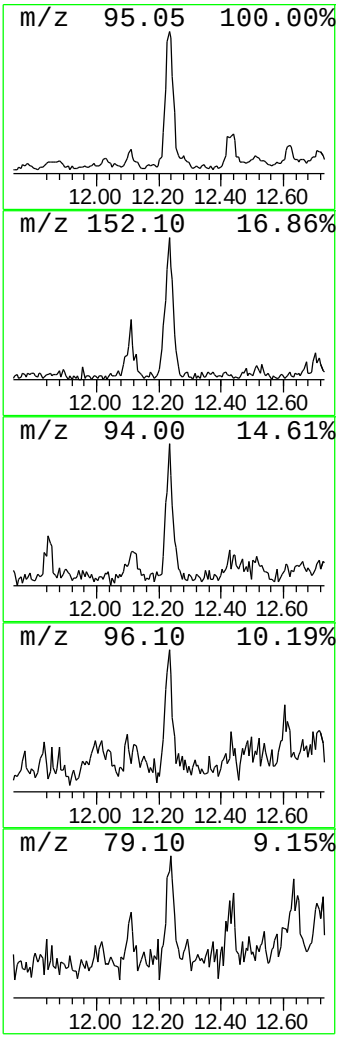
Peak Number 9 1-Adamantanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	5.54 ng	497870	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	86
2	2-Cyclopentene-1-carboxylic acid...	168	C10H16O2	005809-03-0	59
3	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	58
4	exo-2-Bromonorbornane	174	C7H11Br	002534-77-2	53
5	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	50





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Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

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

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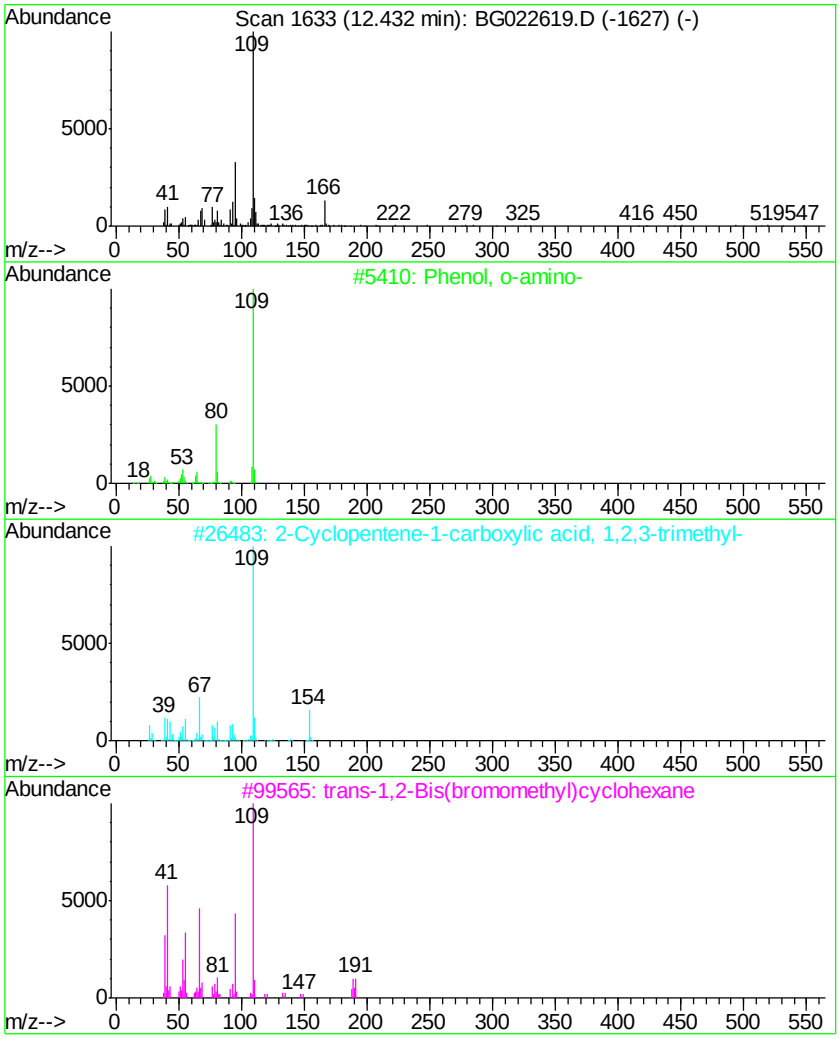
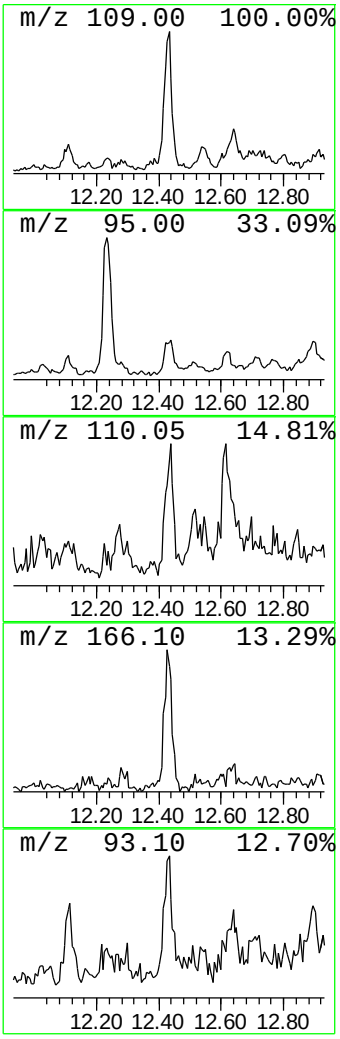
Peak Number 10 Phenol, o-amino- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	5.34 ng	480189	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, o-amino-	109	C6H7NO	000095-55-6	53
2	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	40
3	trans-1,2-Bis(bromomethyl)cycloh...	268	C8H14Br2	1000216-87-8	38
4	Bicyclo[2.2.2]octane, 1,2,3,6-te...	166	C12H22	062338-45-8	38
5	1,3-Adamantanediamine	166	C10H18N2	026562-81-2	38





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Instrument : BNA_G
ClientSampleId : GPW-01

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

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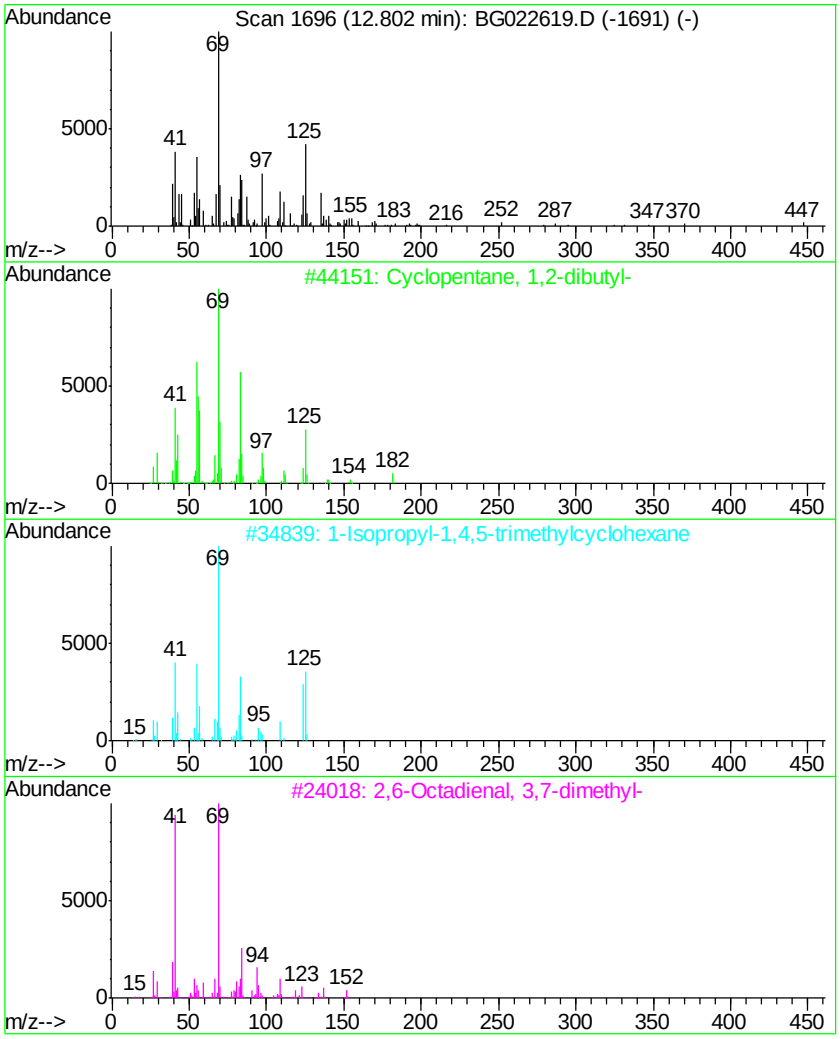
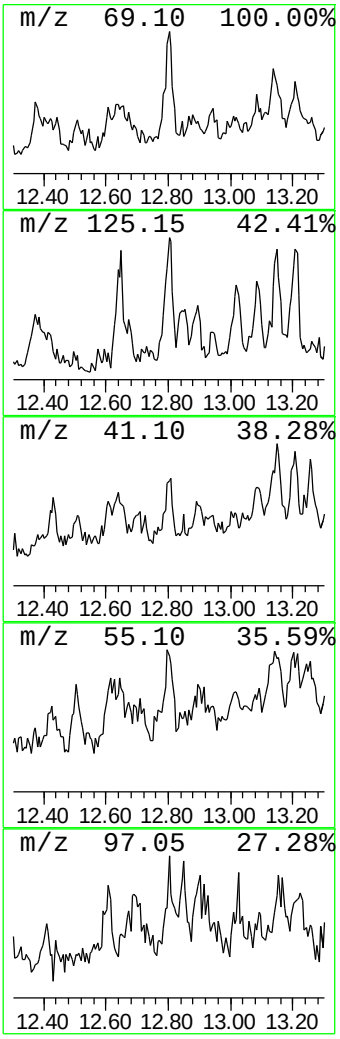
Peak Number 11 Cyclopentane, 1,2-dibutyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.95 ng	265492	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	56
2	1-Isopropyl-1,4,5-trimethylcyclo...	168	C12H24	219783-06-9	47
3	2,6-Octadienal, 3,7-dimethyl-	152	C10H16O	005392-40-5	45
4	3-Cyclopropylcarbonyloxydodecane	254	C16H30O2	1000245-58-1	43
5	4-Nonanol, 2,6,8-trimethyl-	186	C12H26O	000123-17-1	43





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ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

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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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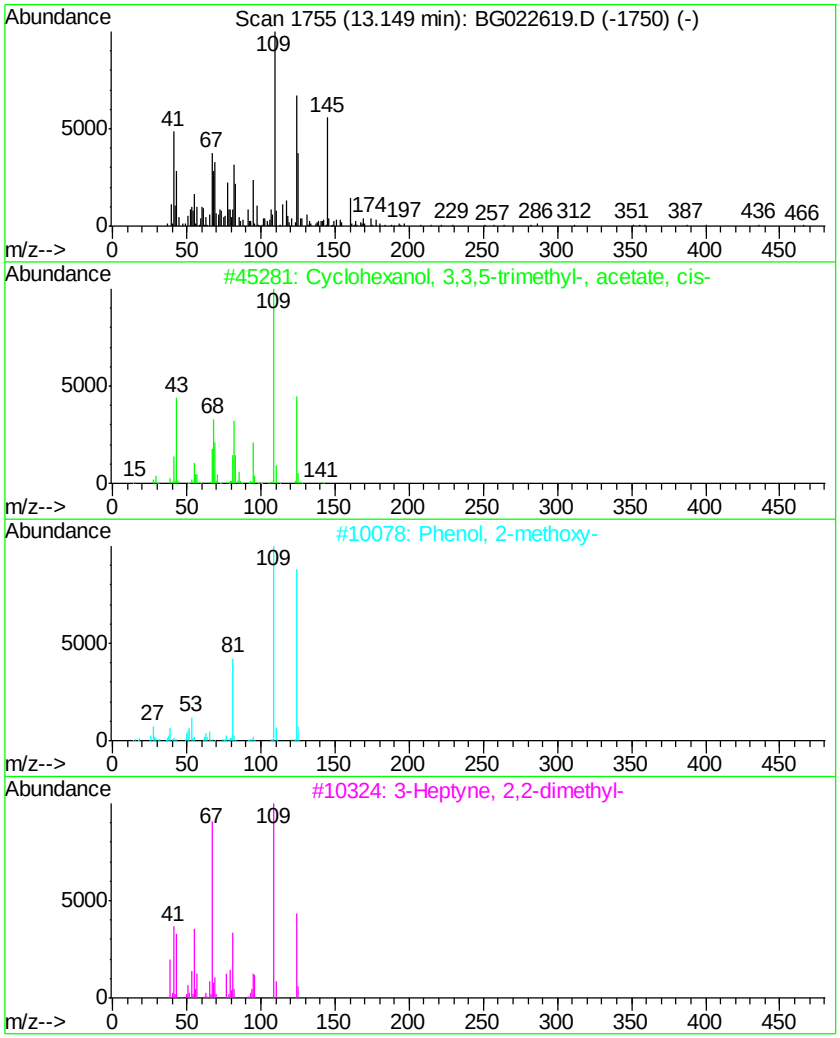
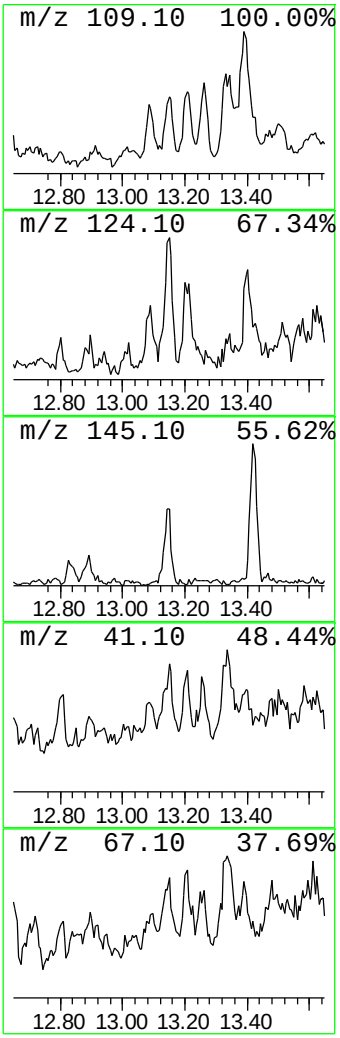
Peak Number 12 unknown13.15 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	4.54 ng	533879	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	184	C11H20O2	024691-16-5	47
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	38
3	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	38
4	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	38
5	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	38





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Misc :
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Instrument : BNA_G
ClientSampleId : GPW-01

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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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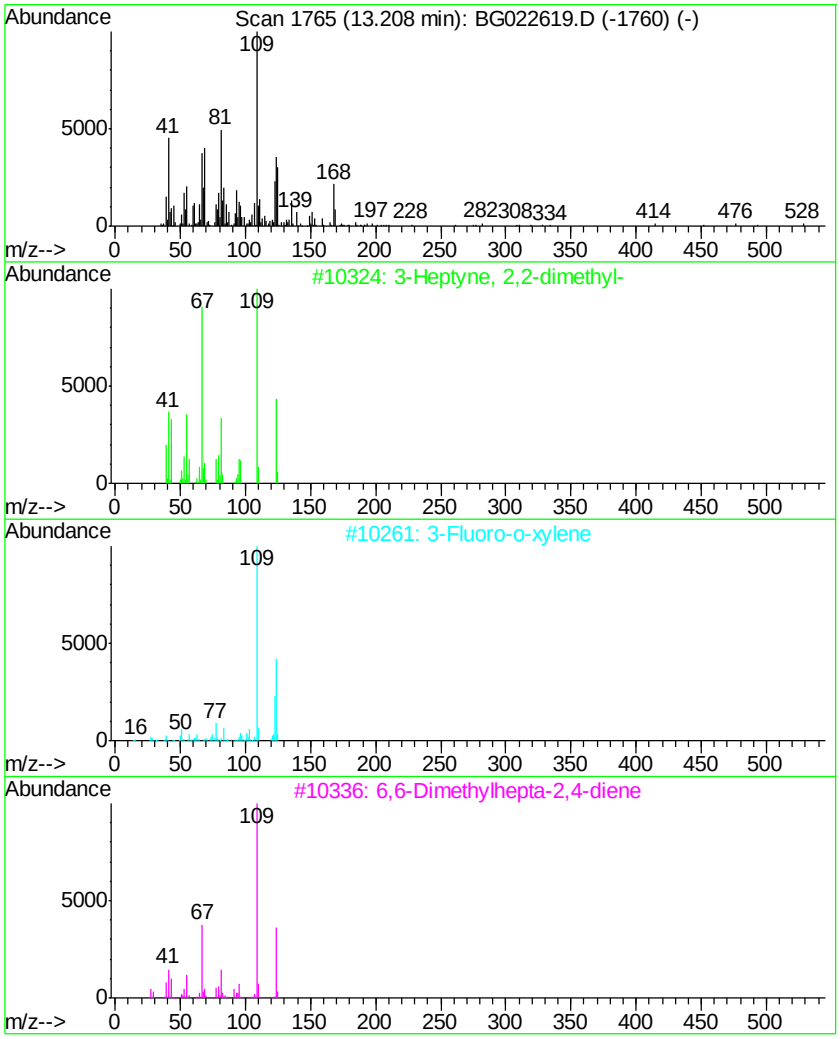
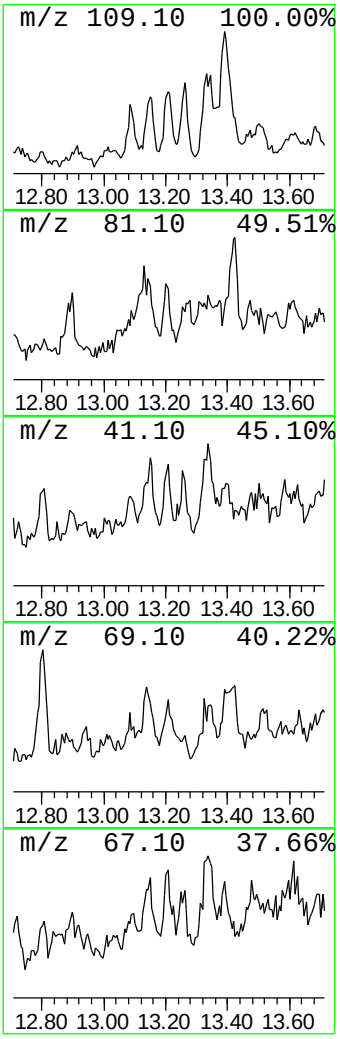
Peak Number 13 3-Heptyne, 2,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.62 ng	425212	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	55
2	3-Fluoro-o-xylene	124	C8H9F	000443-82-3	52
3	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	46
4	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	46
5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	46





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Instrument : BNA_G
ClientSampleId : GPW-01

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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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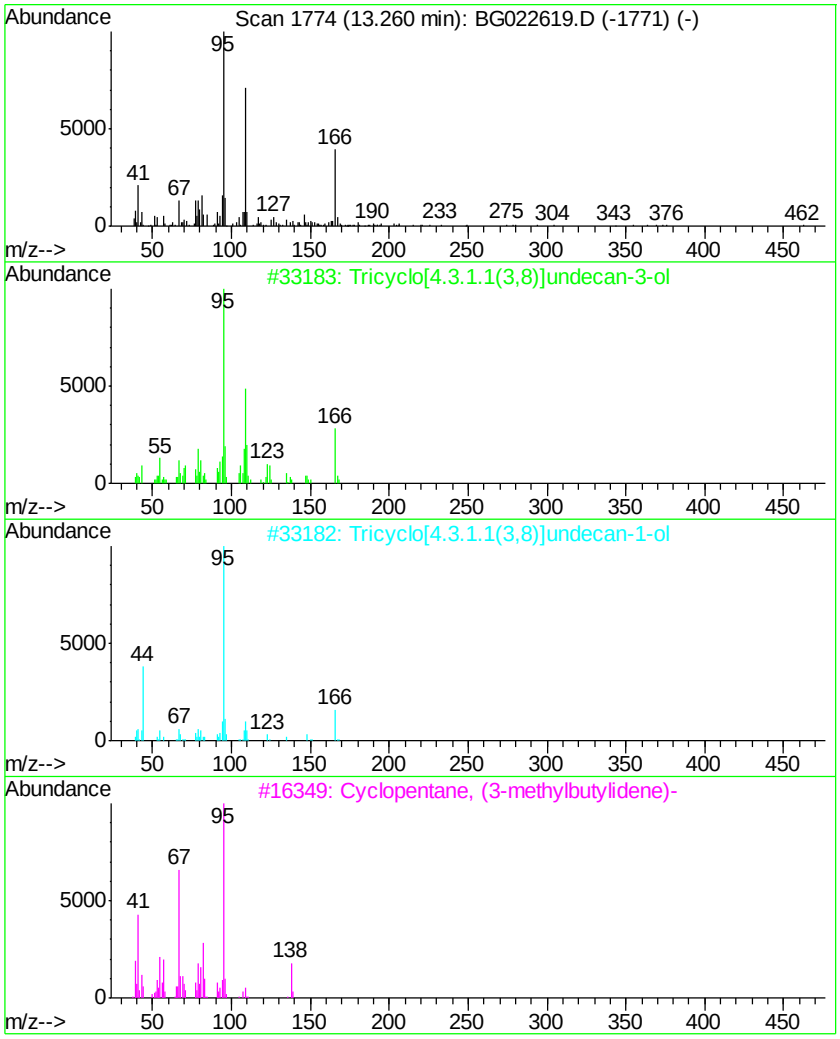
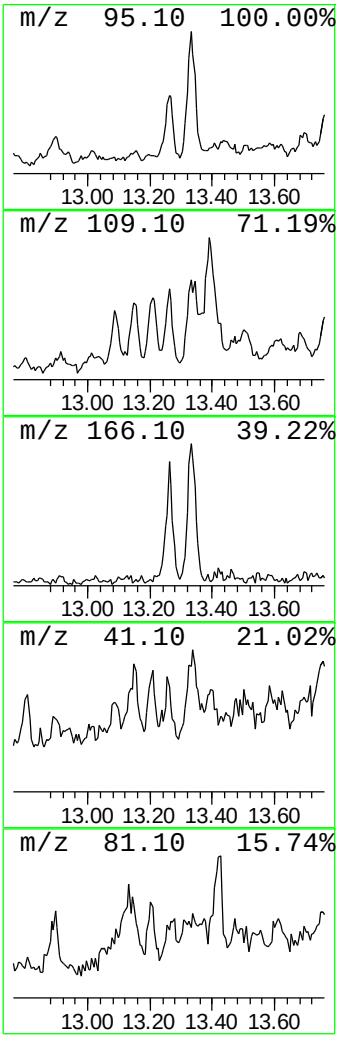
Peak Number 14 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.46 ng	407182	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	72
2	Tricyclo[4.3.1.1(3,8)]undecan-1-ol	166	C11H18O	031061-64-0	59
3	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	38
4	4-(2-Methylcyclohex-1-enyl)-but-...	164	C11H16O	1000188-10-0	38
5	2-Furanmethanethiol, 5-methyl-	128	C6H8OS	059303-05-8	38





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Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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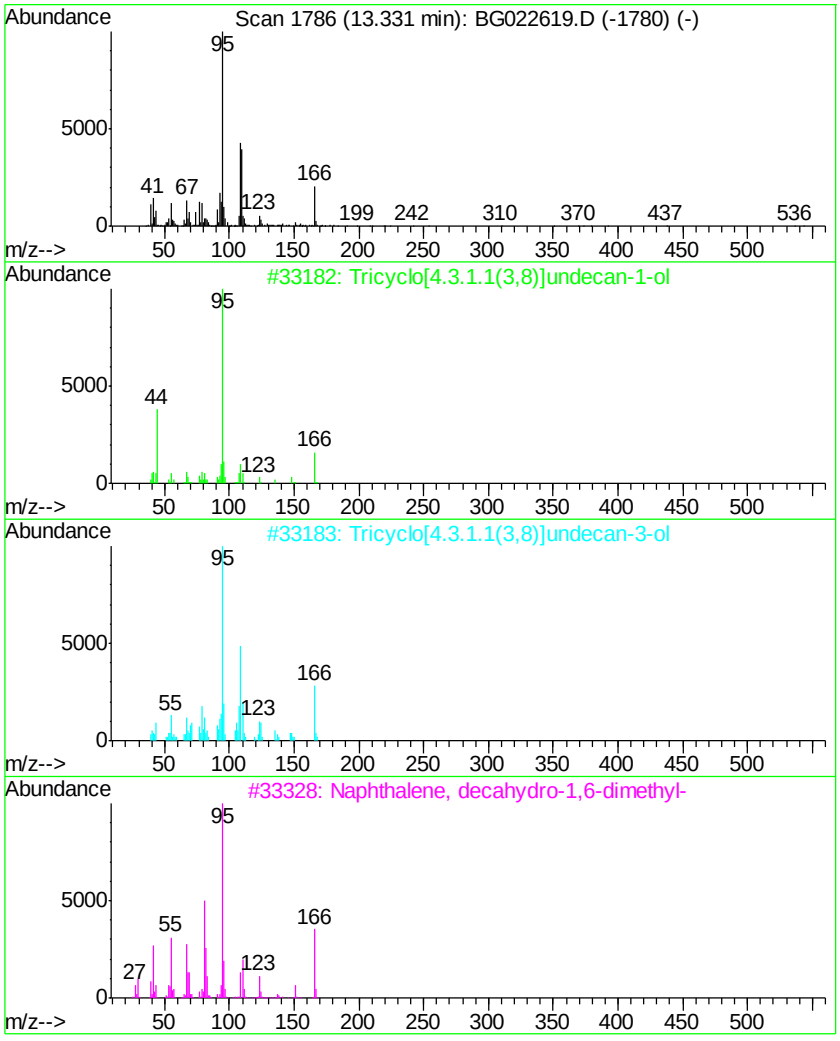
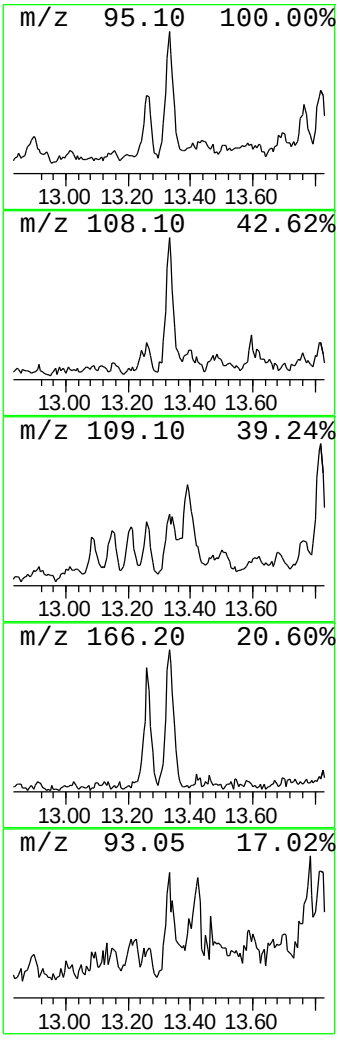
Peak Number 15 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	10.53 ng	1238920	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.1.1(3,8)]undecan-1-ol	166	C11H18O	031061-64-0	50
2	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	43
3	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	43
4	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	35
5	1,2-Dibromo-1-methyl-cyclohexane	254	C7H12Br2	1000192-26-1	27





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Sample : H3741-06
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Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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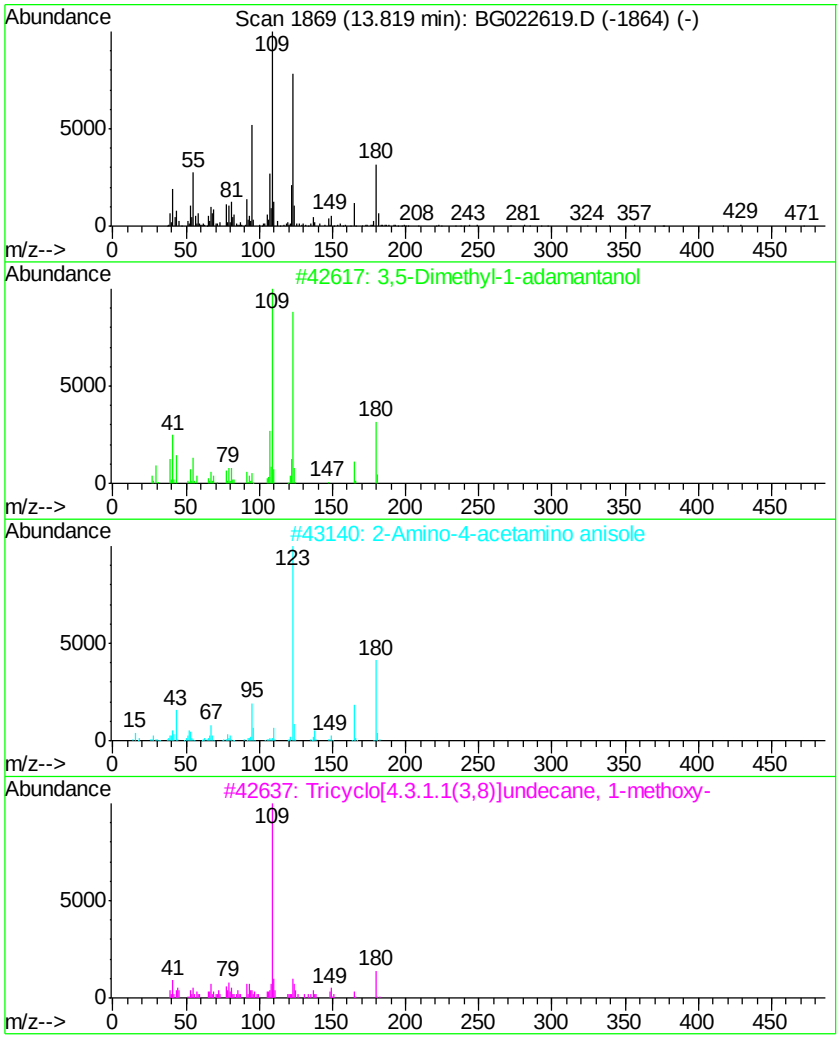
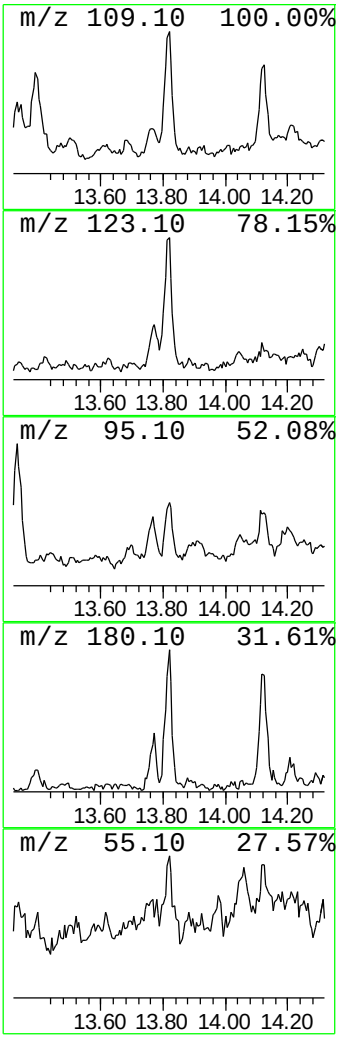
Peak Number 16 3,5-Dimethyl-1-adamantanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	11.14 ng	1310330	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	91
2	2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	46
3	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	38
4	2-Fluorobenzhydrazide	154	C7H7FN2O	000446-24-2	30
5	Benzeneacetic acid, 4-fluoro-.al...	168	C8H5FO3	002251-76-5	27





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Instrument : BNA_G
ClientSampleId : GPW-01

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

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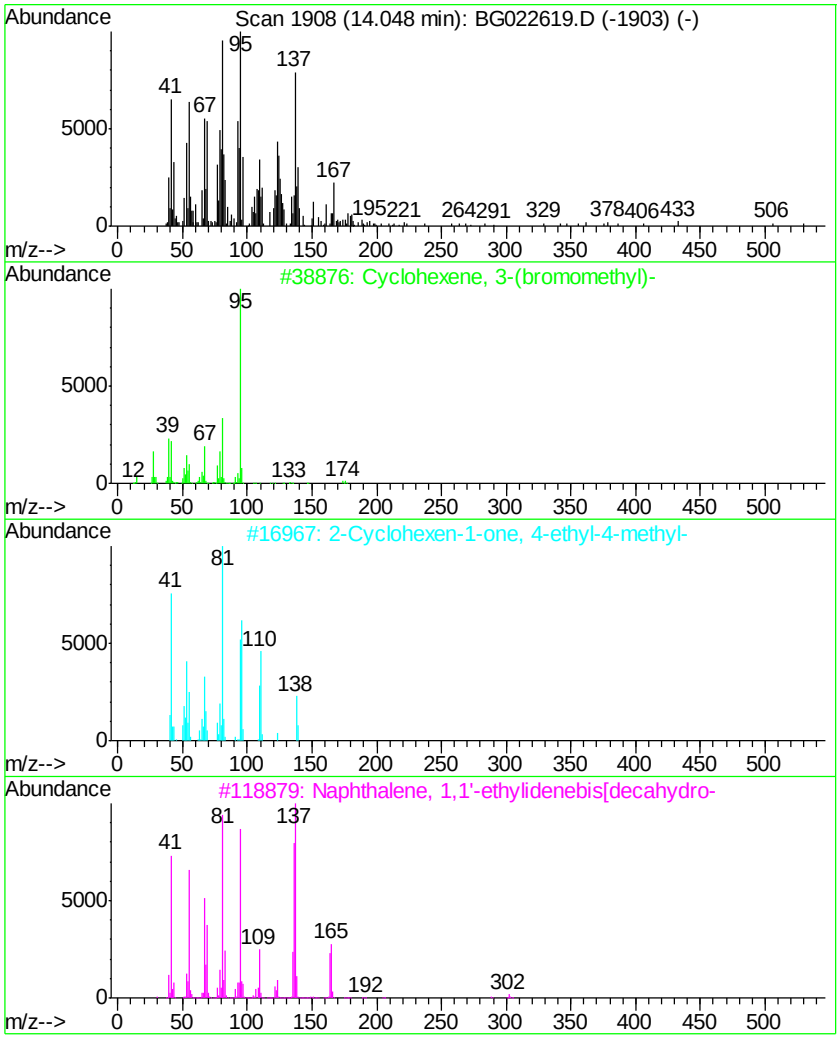
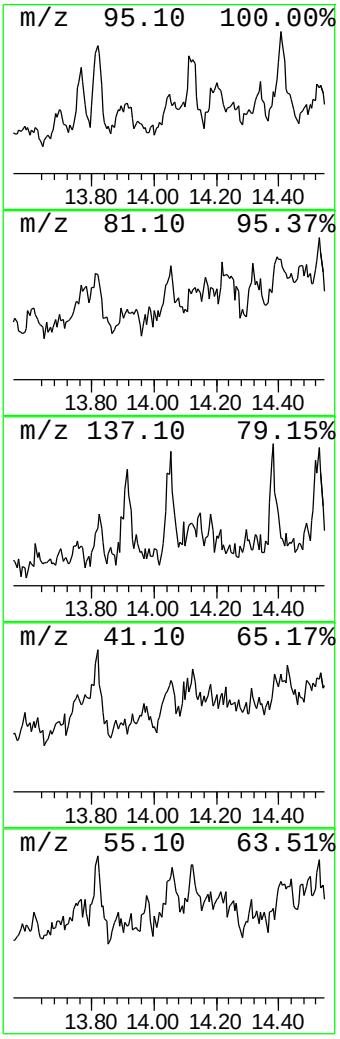
Peak Number 17 unknown14.05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	4.31 ng	506689	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-(bromomethyl)-	174	C7H11Br	034825-93-9	38
2	2-Cyclohexen-1-one, 4-ethyl-4-me...	138	C9H14O	017429-32-2	38
3	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	35
4	1,3,7-Octatriene, 2,7-dimethyl-	136	C10H16	036638-38-7	35
5	3,4-Pentadien-1-ol, 2,2-dimethyl-	112	C7H12O	004058-52-0	35





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ClientSampleId : GPW-01

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TIC Library : C:\DATABASE\NIST02.L
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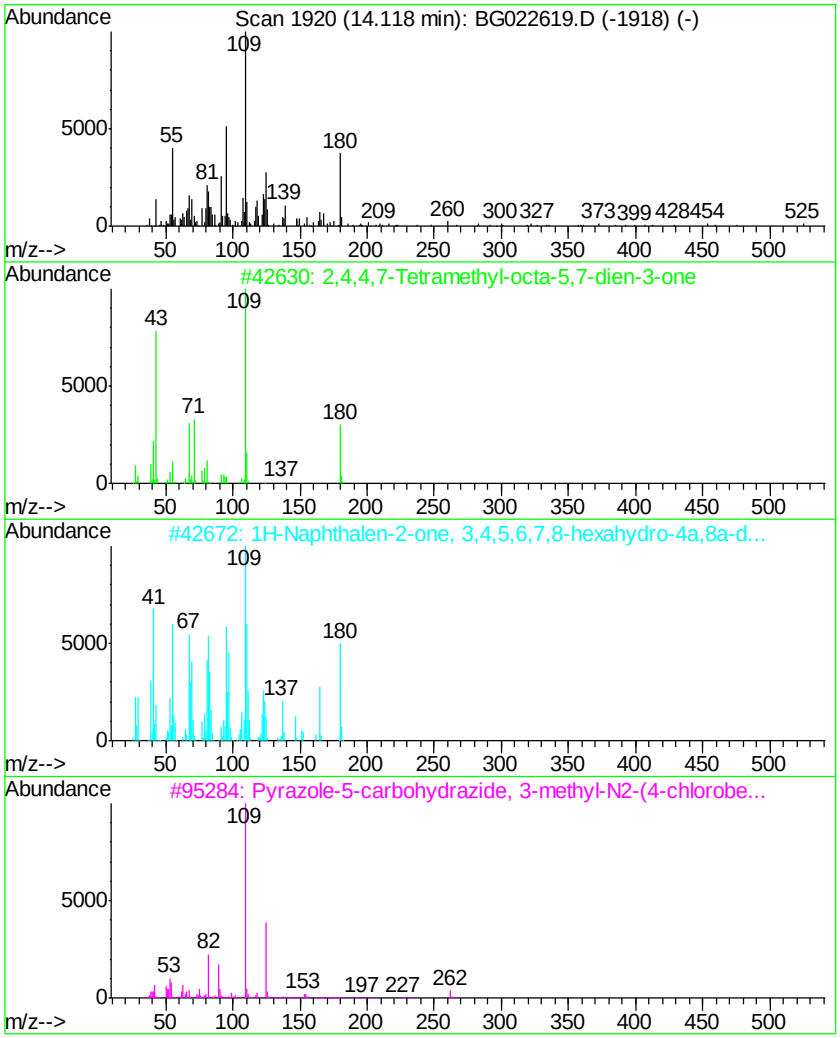
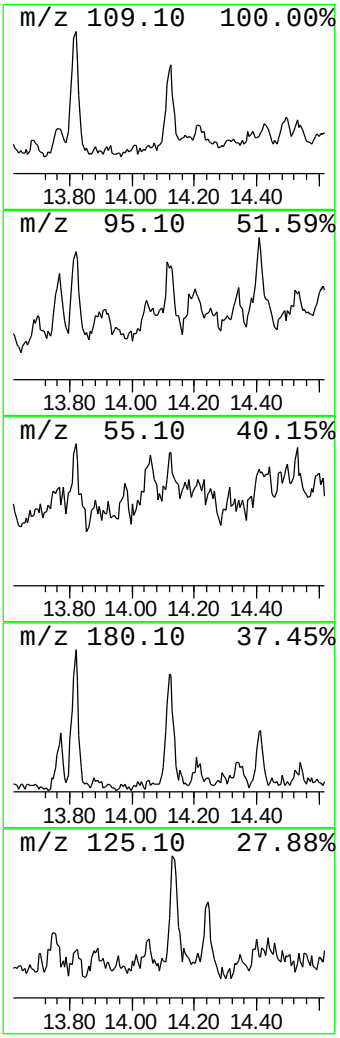
Peak Number 18 unknown14.12 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.81 ng	447686	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,7-Tetramethyl-octa-5,7-die...	180	C12H20O	1000190-70-6	43
2	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	38
3	Pyrazole-5-carbohydrazide, 3-met...	262	C12H11ClN4O	1000270-50-2	37
4	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	27
5	3-Fluorophenylacetic acid	154	C8H7FO2	000331-25-9	27





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TIC Library : C:\DATABASE\NIST02.L
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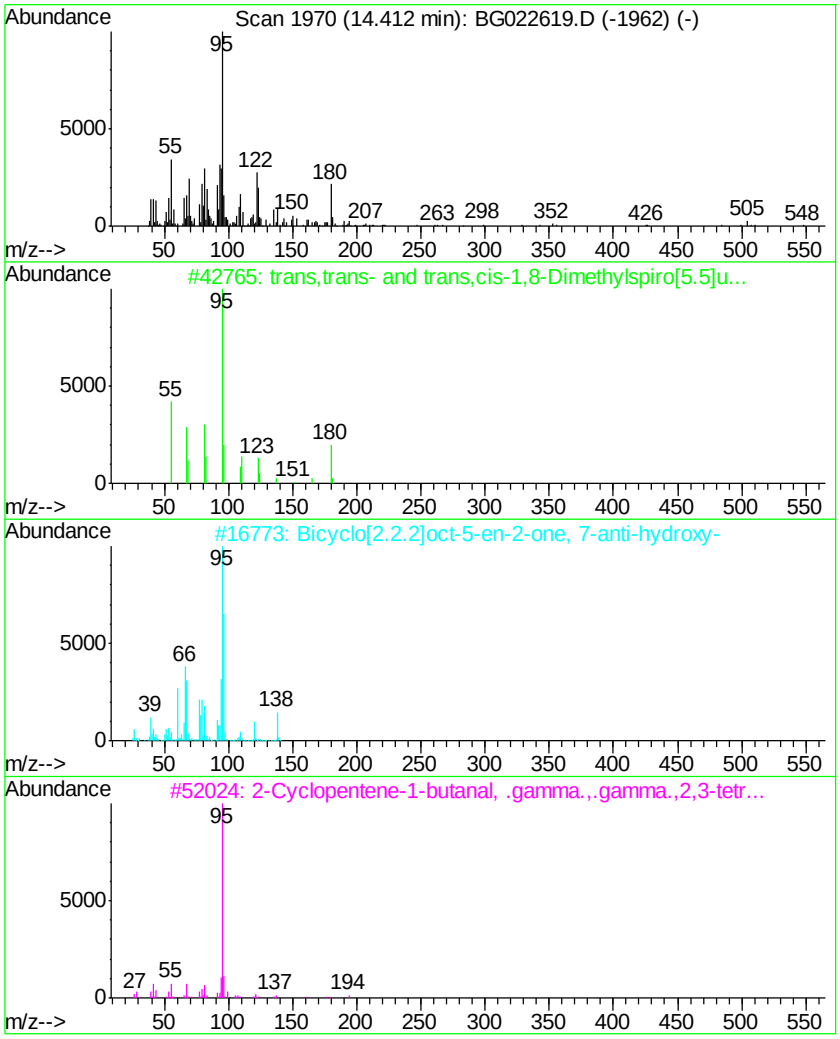
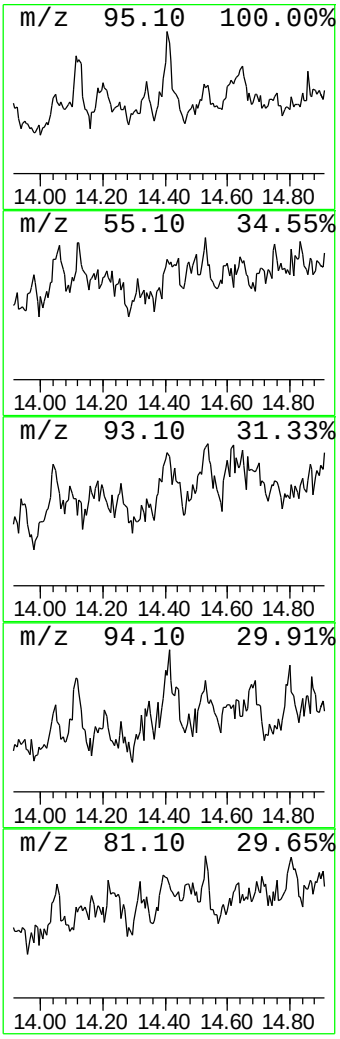
Peak Number 19 unknown14.41 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	6.94 ng	815666	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	47
2	Bicyclo[2.2.2]oct-5-en-2-one, 7-...	138	C8H10O2	1000153-14-8	47
3	2-Cyclopentene-1-butanal, .gamma...	194	C13H22O	060714-25-2	43
4	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	43
5	Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	000465-29-2	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022619.D
Acq On : 26 Jun 2016 21:24
Operator : UM/SJ
Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

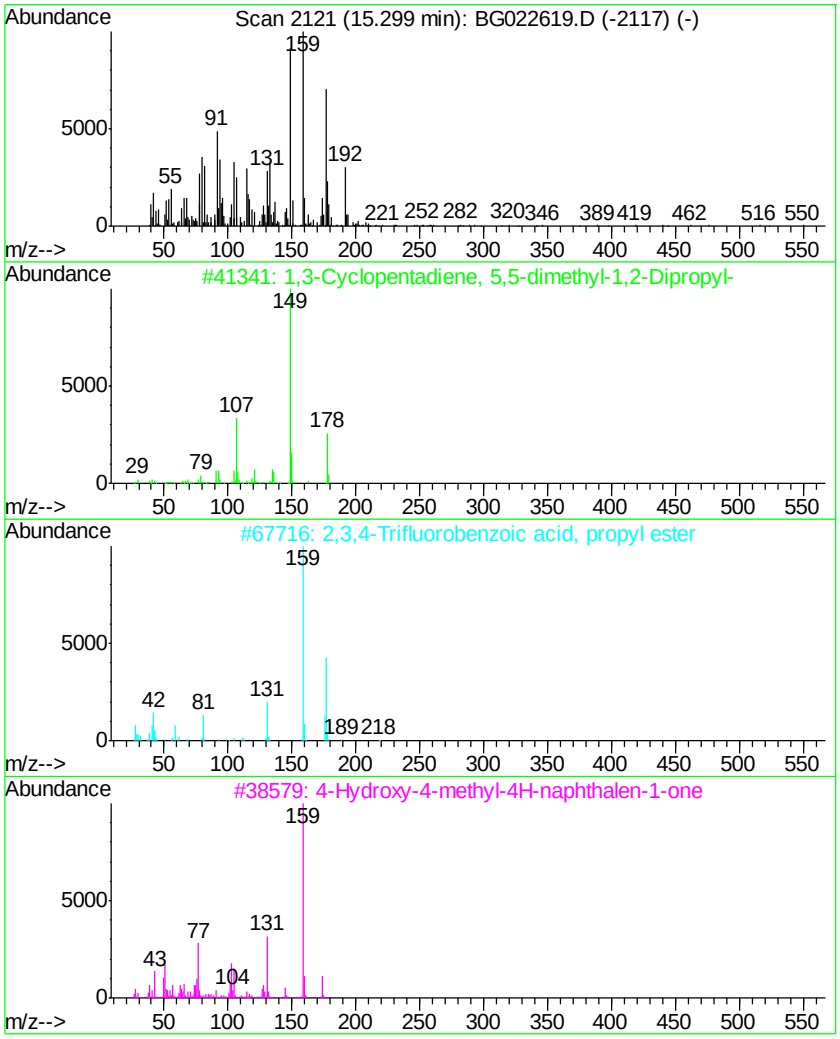
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

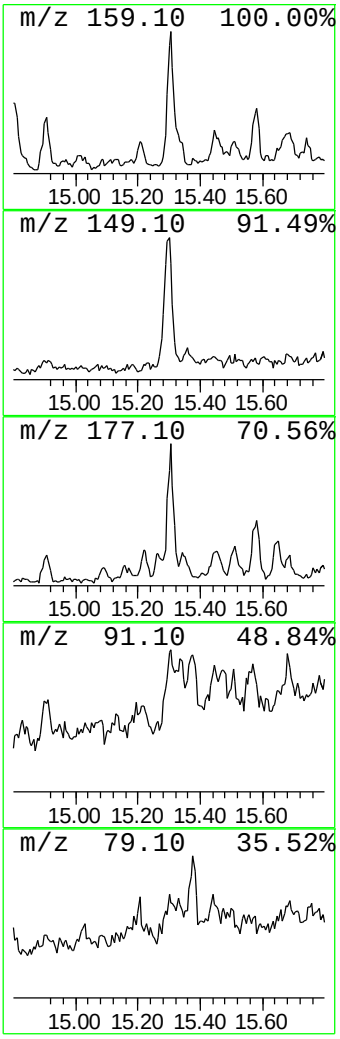
****

Peak Number 20 unknown15.30 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	14.40 ng	1693110	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	30
2	2,3,4-Trifluorobenzoic acid, pro...	218	C10H9F3O2	1000280-44-3	27
3	4-Hydroxy-4-methyl-4H-naphthalen...	174	C11H10O2	042860-82-2	20
4	1,2,5,5,6,7-Hexamethylbicyclo[4....	192	C13H20O	1000110-52-5	18
5	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022619.D
Acq On : 26 Jun 2016 21:24
Operator : UM/SJ
Sample : H3741-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GPW-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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
2-Pentanone, 4-hy...	5.24	2.8	ng	158420	1	8.16	1121080	20.0
unknown7.69	7.69	93.5	ng	5240290	1	8.16	1121080	20.0
unknown9.17	9.17	2.3	ng	129179	1	8.16	1121080	20.0
unknown9.39	9.39	3.0	ng	169363	1	8.16	1121080	20.0
unknown10.84	10.84	3.0	ng	265975	2	10.99	1798810	20.0
unknown11.77	11.77	3.7	ng	335965	2	10.99	1798810	20.0
3-Octyne, 7-methyl-	12.11	3.9	ng	350122	2	10.99	1798810	20.0
1-Adamantanol	12.23	5.5	ng	497870	2	10.99	1798810	20.0
Phenol, o-amino-	12.43	5.3	ng	480189	2	10.99	1798810	20.0
Cyclopentane, 1,2...	12.80	3.0	ng	265492	2	10.99	1798810	20.0
unknown13.15	13.15	4.5	ng	533879	3	14.80	2352070	20.0
3-Heptyne, 2,2-di...	13.21	3.6	ng	425212	3	14.80	2352070	20.0
Tricyclo[4.3.1.1(...	13.26	3.5	ng	407182	3	14.80	2352070	20.0
Tricyclo[4.3.1.1(...	13.33	10.5	ng	1238920	3	14.80	2352070	20.0
3,5-Dimethyl-1-ad...	13.82	11.1	ng	1310330	3	14.80	2352070	20.0
unknown14.05	14.05	4.3	ng	506689	3	14.80	2352070	20.0
unknown14.12	14.12	3.8	ng	447686	3	14.80	2352070	20.0
unknown14.41	14.41	6.9	ng	815666	3	14.80	2352070	20.0
unknown15.30	15.30	14.4	ng	1693110	3	14.80	2352070	20.0