LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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	2.798	14	19	28	rBV	190532	361614	1.66%	0.399%
2	2.875	28	32	42	rVB	431968	594423	2.72%	0.656%
3	5.301	439	445	451	rBV	617556	878507	4.03%	0.970%
4	6.905	712	718	728	rVB	432103	681586	3.12%	0.753%
5	7.252	770	777	783	rBV	1066325	1665035	7.63%	1.839%
6	7.710	842	855	859	rBV3	257635	537013	2.46%	0.593%
7	8.027	903	909	915	rVB	770070	1209754	5.54%	1.336%
8	8.762	1013	1034	1039	rBV	503549	1671768	7.66%	1.846%
9	8.868	1046	1052	1061	rVV	761688	1316618	6.03%	1.454%
10	9.261	1113	1119	1126	rBV	202770	318872	1.46%	0.352%
11	9.702	1133	1194	1205	rVB2	2142010	21818716	100.00%	24.093%
12	9.913	1225	1230	1237	rVB4	215310	460482	2.11%	0.508%
13	10.054	1248	1254	1260	rVB3	130579	253392	1.16%	0.280%
14	10.501	1318	1330	1336	rBV	331451	612155	2.81%	0.676%
15	11.564	1505	1511	1515	rBV	132890	237267	1.09%	0.262%
16	11.705	1530	1535	1539	rVV	247560	360693	1.65%	0.398%
17	11.752	1539	1543	1544	rVV	210411	291989	1.34%	0.322%
18	11.770	1544	1546	1550	rVV2	252028	372765	1.71%	0.412%
19	11.817	1550	1554	1559	rVV	228280	322740	1.48%	0.356%
20	11.958	1572	1578	1581	rVV	704159	1056436	4.84%	1.167%
21	11.999	1581	1585	1590	rVV2	726415	1208079	5.54%	1.334%
22	12.046	1590	1593	1603	rVB	189026	302704	1.39%	0.334%
23	12.228	1618	1624	1633	rVB	569169	931908	4.27%	1.029%
24	12.857	1716	1731	1742	rBV	2223921	5839754	26.76%	6.449%
25	12.986	1746	1753	1759	rVB	1759247	2617446	12.00%	2.890%
26	13.274	1790	1802	1806	rBV3	123383	253710	1.16%	0.280%
27	14.361	1977	1987	1996	rBV2	468976	837561	3.84%	0.925%
28	14.749	2033	2053	2056	rBV	3616450	11915526	54.61%	13.158%
29	15.201	2105	2130	2134	rBV	4729188	18330068	84.01%	20.241%
30	15.383	2156	2161	2169	rVB	600362	765661	3.51%	0.845%
31	15.607	2194	2199	2205	rBV	802054	986137	4.52%	1.089%
32	15.865	2236	2243	2252	rBV	1767722	2553188	11.70%	2.819%
33	16.077	2274	2279	2290	rVB2	122528	220290	1.01%	0.243%
34	17.111	2447	2455	2460	rBV2	619762	923474	4.23%	1.020%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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	18.016	2605	2609	2616	rVB	264169	338830	1.55%	0.374%
36	18.544	2695	2699	2710	rBV	254724	382792	1.75%	0.423%
37	18.768	2730	2737	2744	rBV2	284250	541768	2.48%	0.598%
38	18.897	2755	2759	2770	rVB3	277817	430383	1.97%	0.475%
39	19.302	2824	2828	2836	rVB2	170793	228246	1.05%	0.252%
40	19.743	2898	2903	2909	rBV	3355259	4133478	18.94%	4.564%
41	21.294	3162	3167	3173	rBV	784808	911965	4.18%	1.007%
42	23.562	3546	3553	3560	rVB	477627	883842	4.05%	0.976%

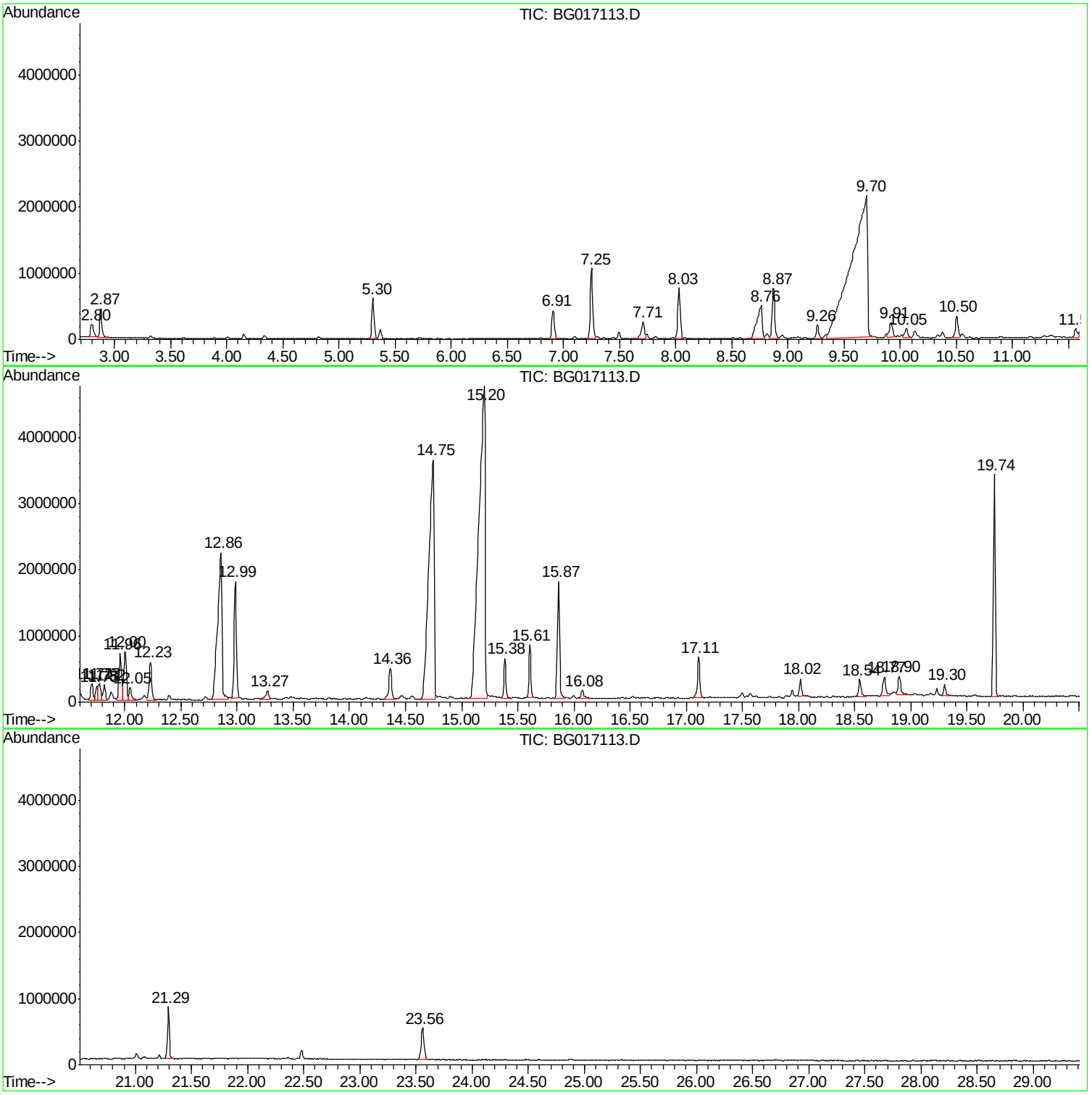
Sum of corrected areas: 90558635

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

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\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

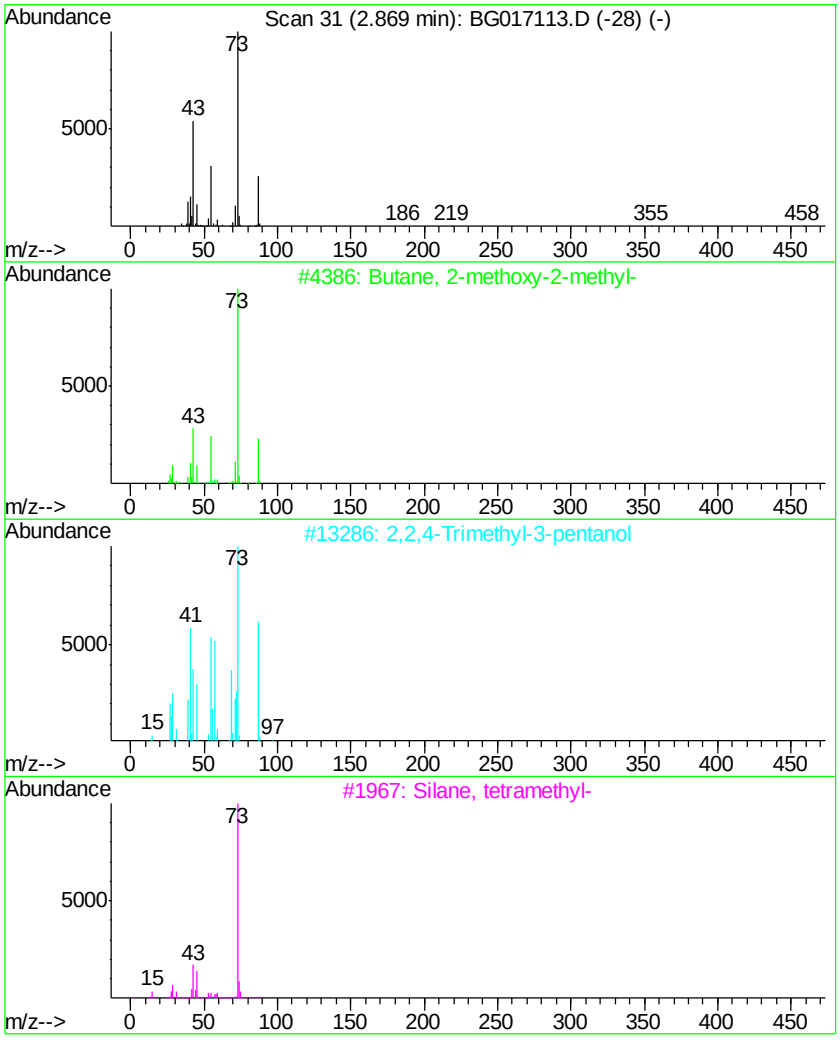
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

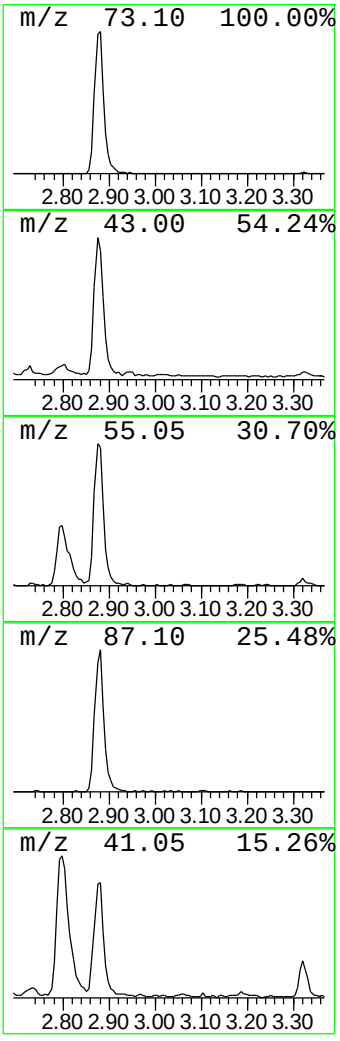
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	22.14 ng	594423	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	10
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

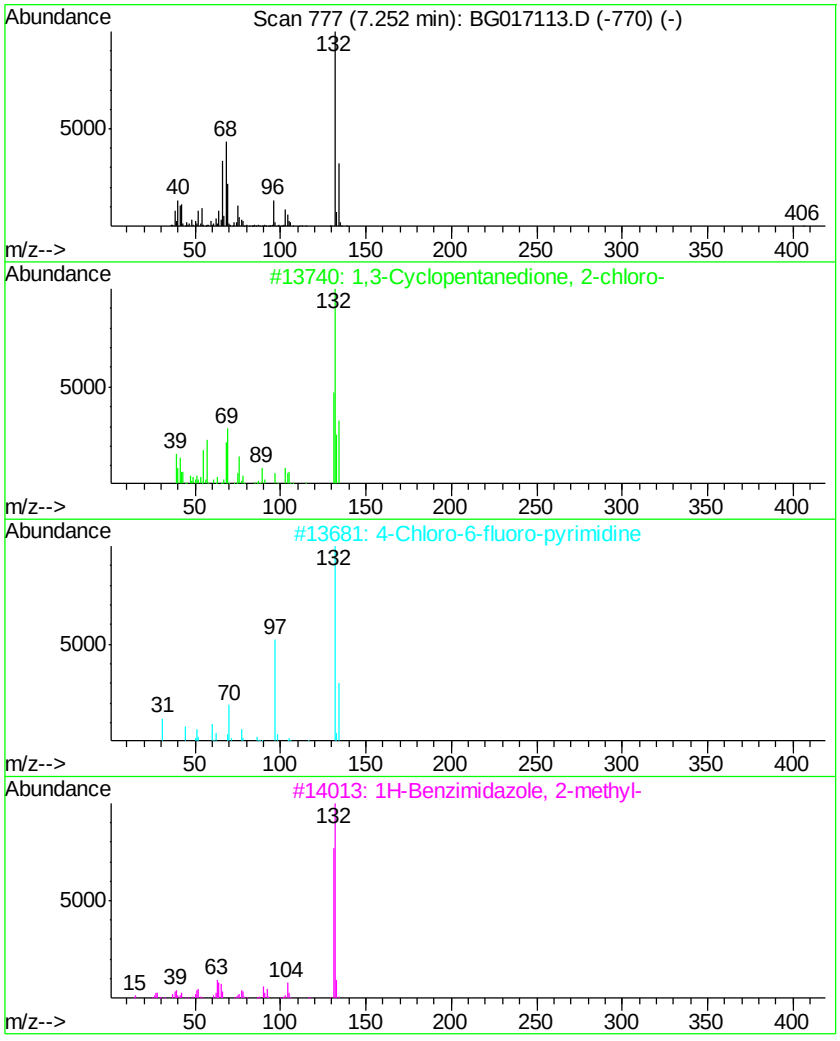
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

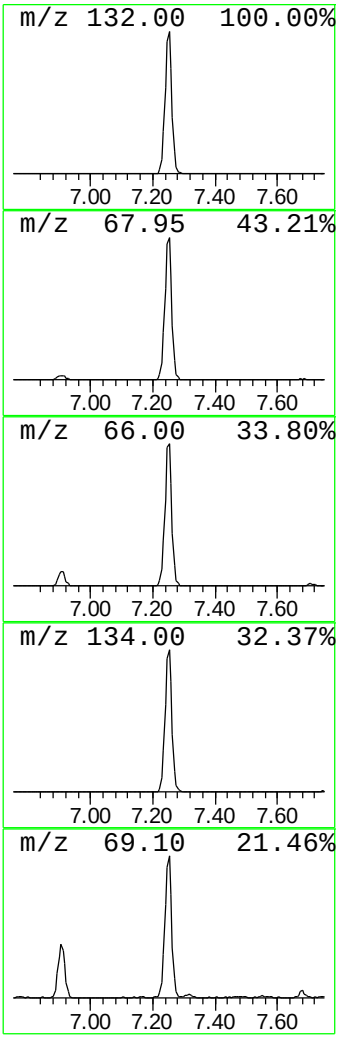
****

Peak Number 3 unknown7.25 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	62.01 ng	1665040	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	28
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

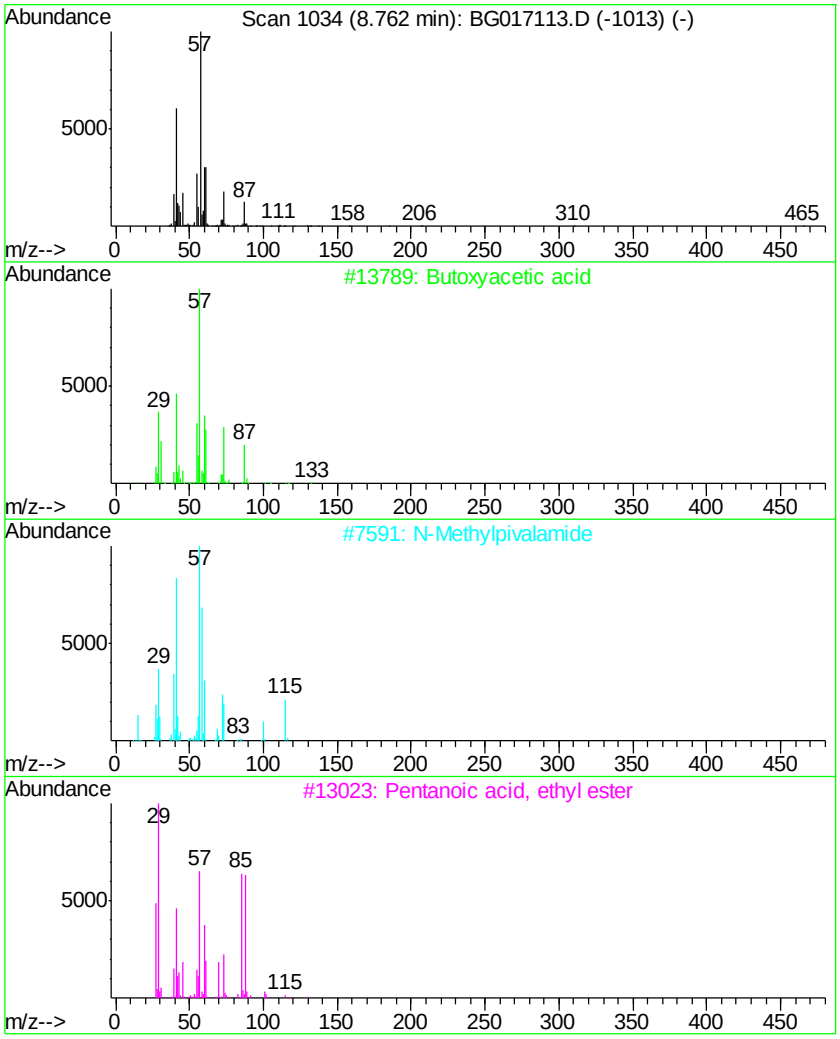
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

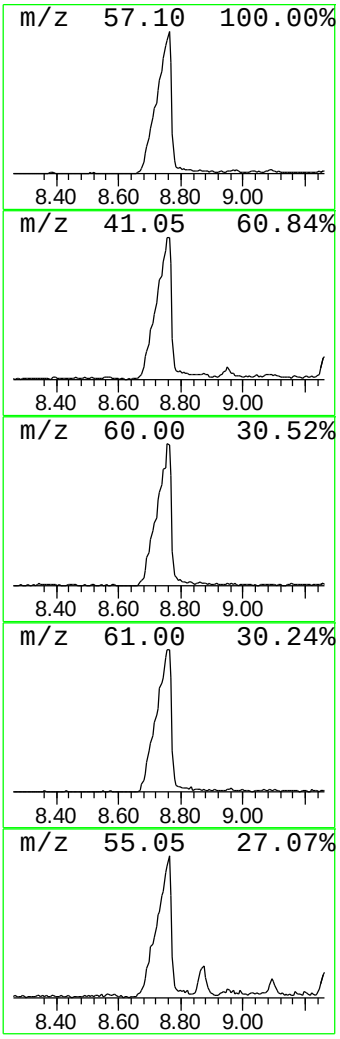
****

Peak Number 5 unknown8.76 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	62.26 ng	1671770	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butoxyacetic acid	132	C6H12O3	002516-93-0	46
2	N-Methylpivalamide	115	C6H13NO	006830-83-7	43
3	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	28
4	Butyl glycolate	132	C6H12O3	007397-62-8	25
5	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

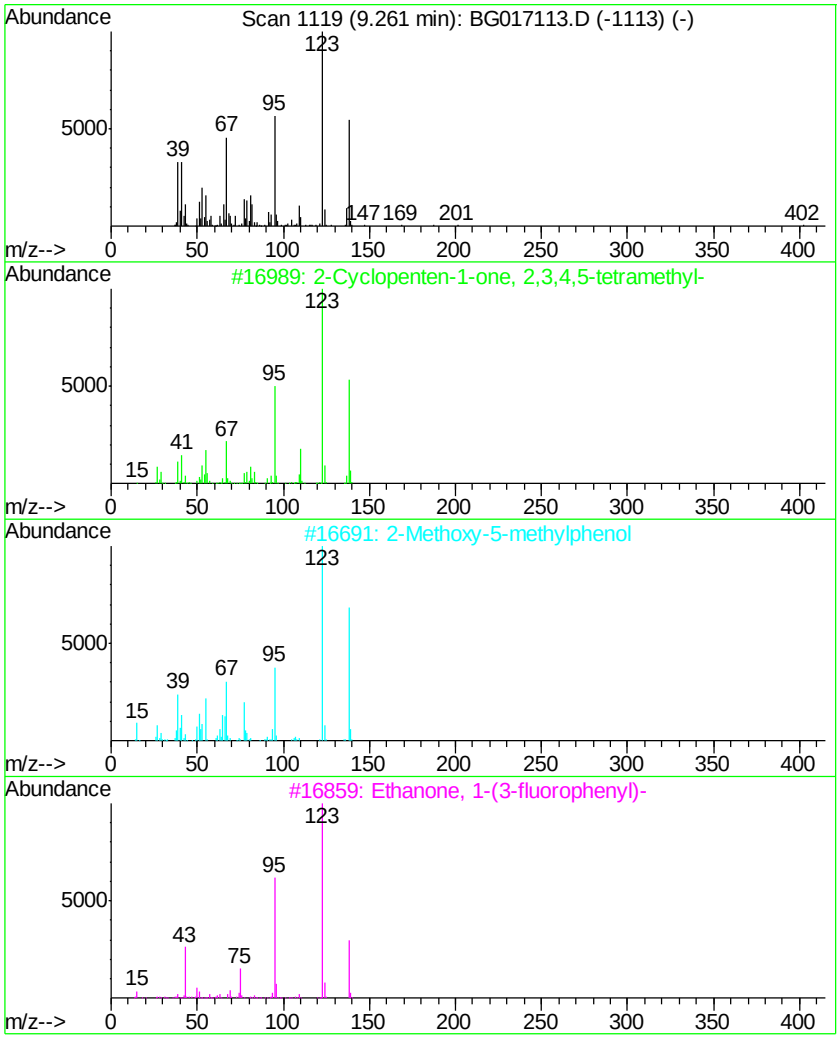
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

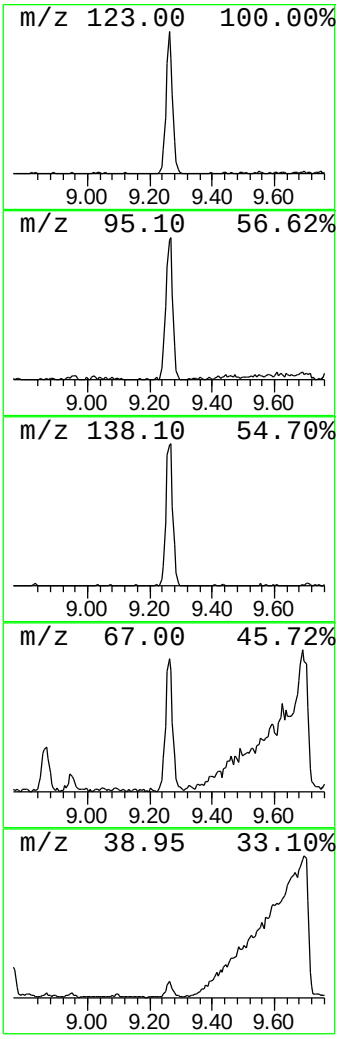
****

Peak Number 6 2-Cyclopenten-1-one, 2,3,4,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	10.42 ng	318872	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	91
2	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	64
3	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	47
4	1-(2,4-Dimethyl-furan-3-yl)-etha...	138	C8H10O2	032933-07-6	46
5	3-Acetyl-2,5-dimethyl furan	138	C8H10O2	010599-70-9	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

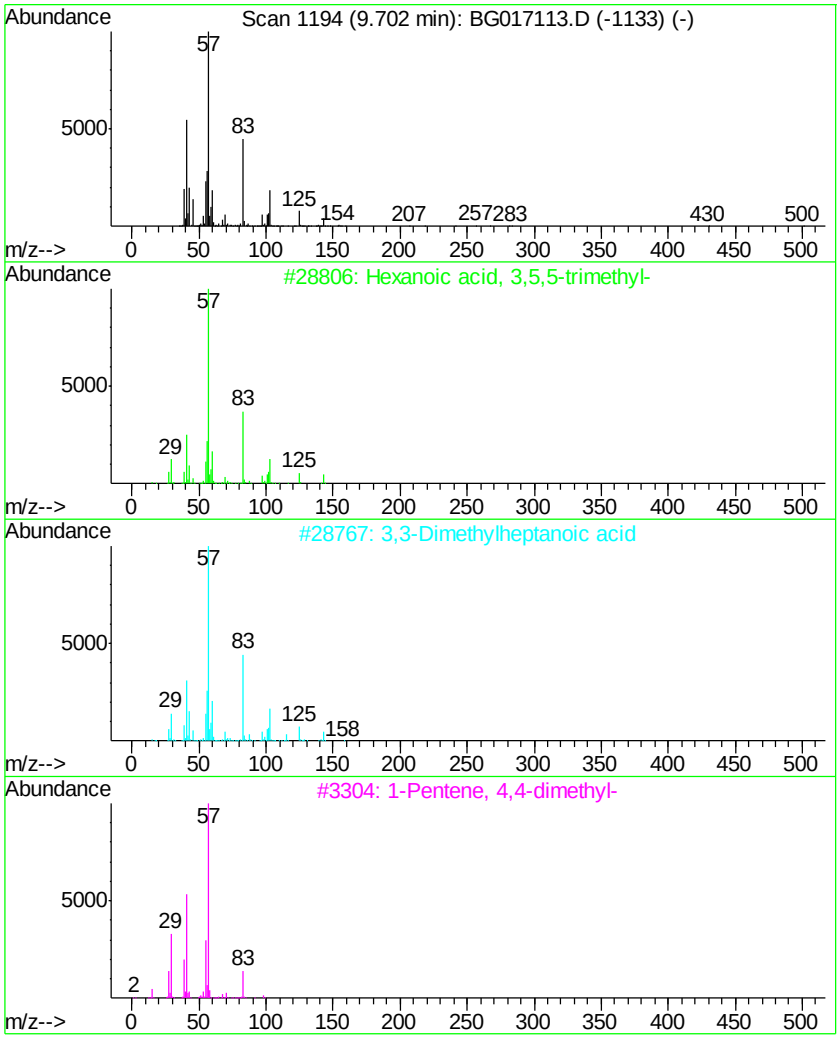
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

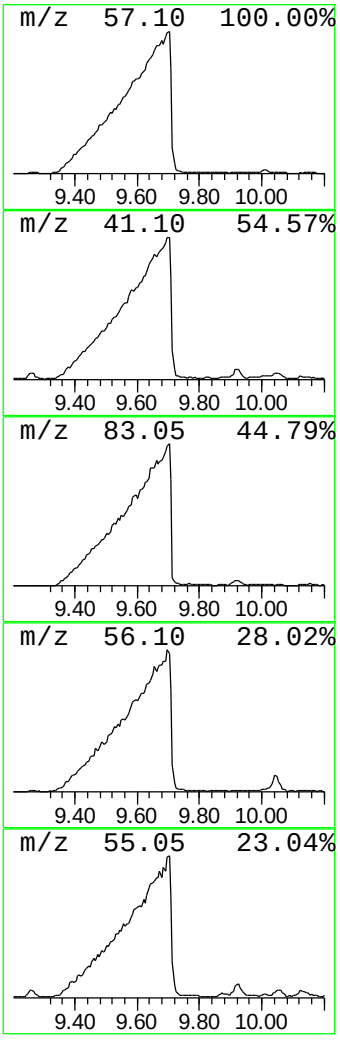
****

Peak Number 7 Hexanoic acid, 3,5,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	712.85 ng	21818700	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	90
3	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	32
4	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	27
5	Propanoic acid, 2,2-dimethyl-, h...	186	C11H22O2	005434-57-1	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

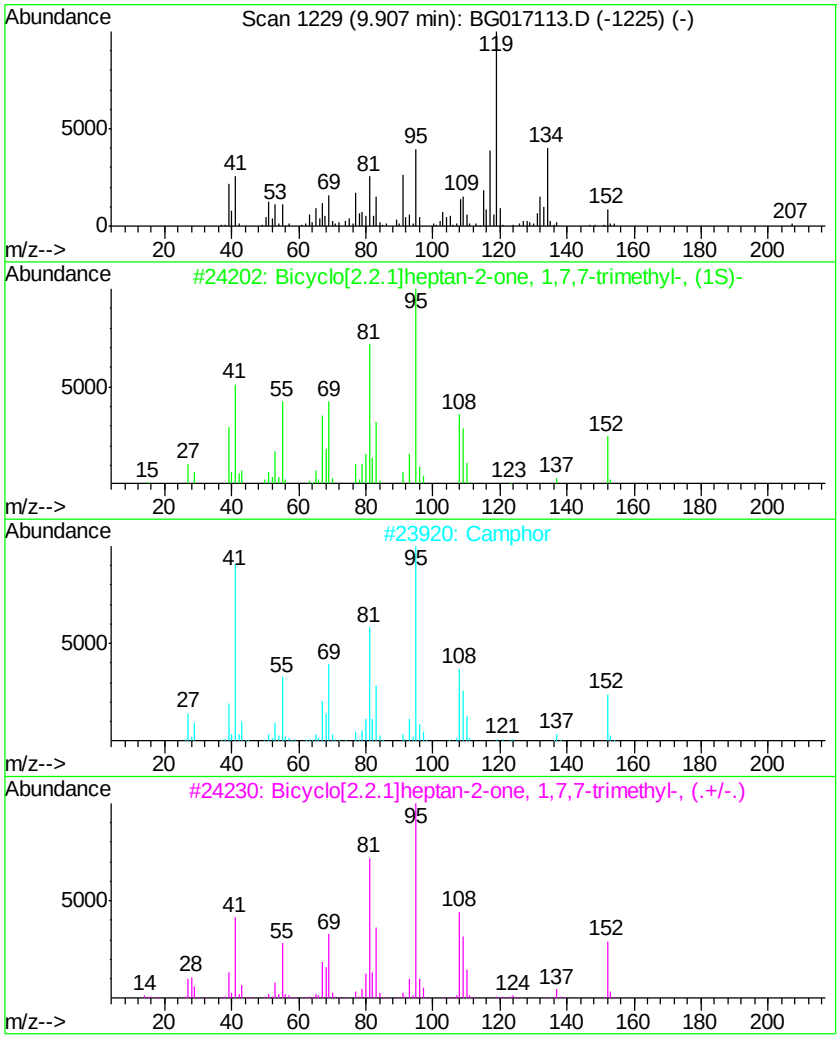
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

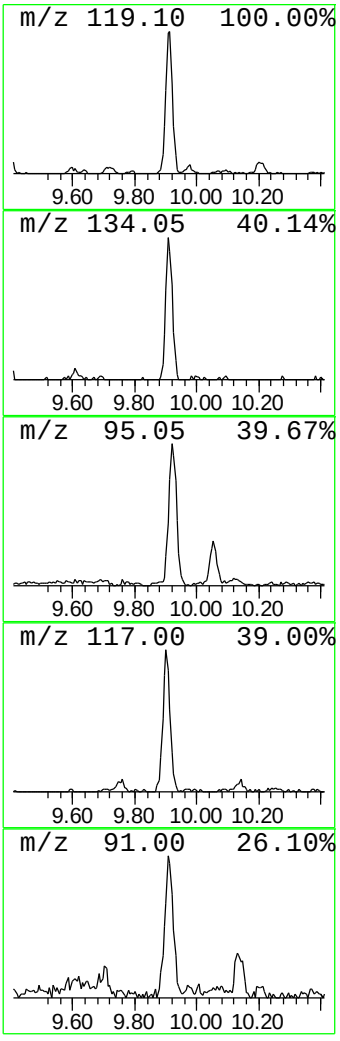
****

Peak Number 8 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	15.04 ng	460482	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	56
2	Camphor	152	C10H16O	000076-22-2	51
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	46
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	42
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	41





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

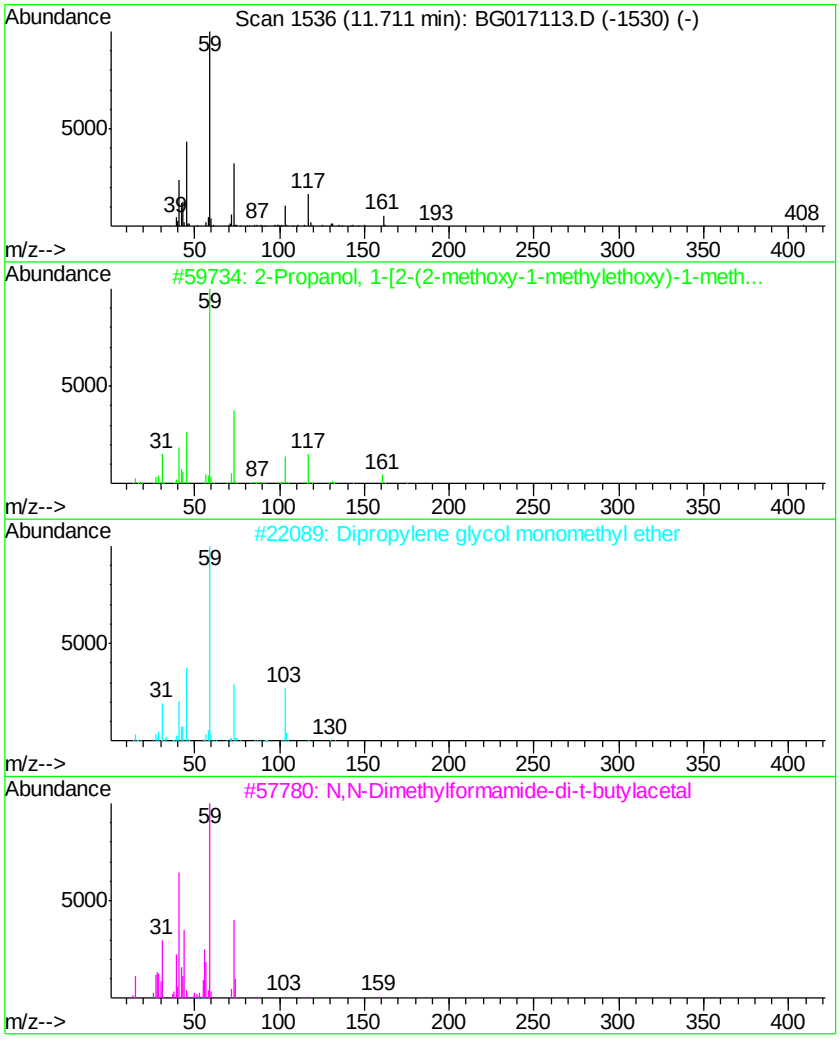
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

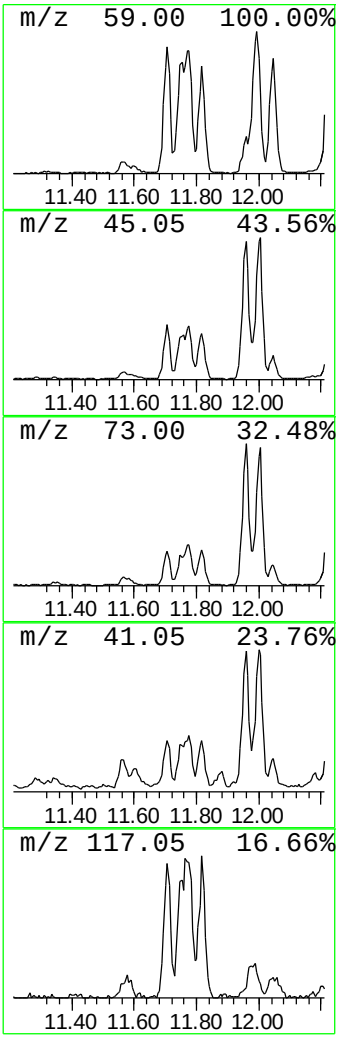
****

Peak Number 9 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	11.78 ng	360693	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	80
2	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	50
3	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	47
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	42
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

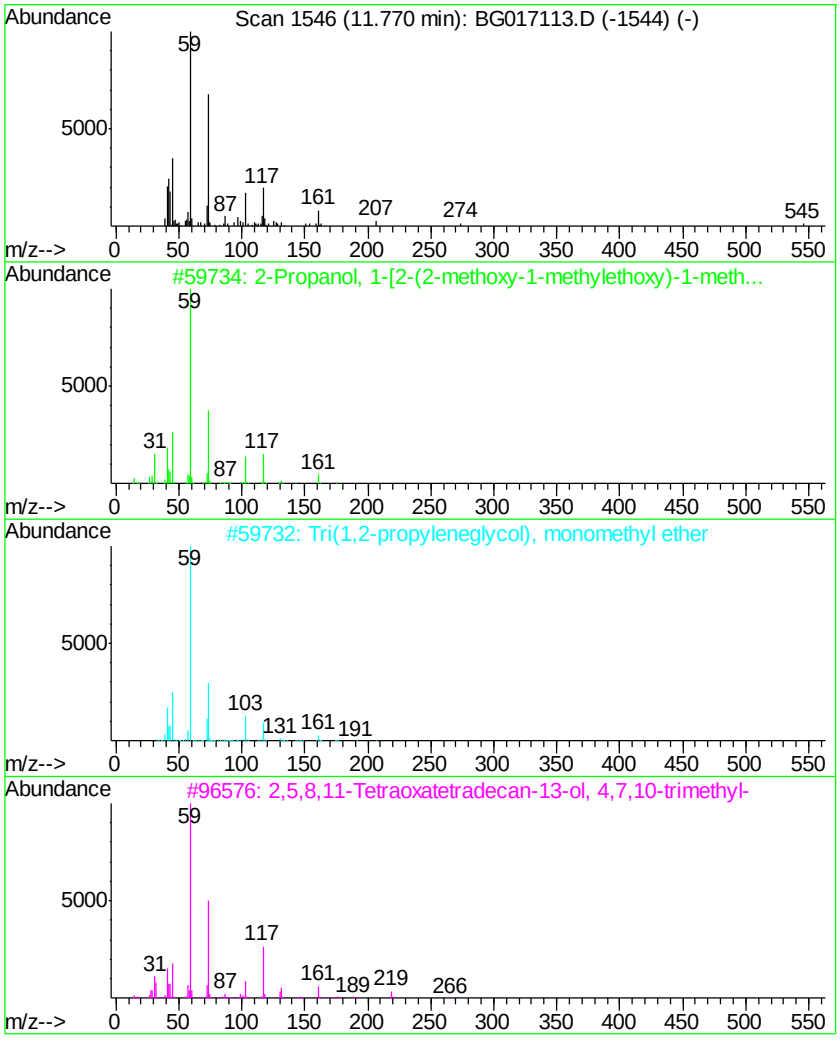
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

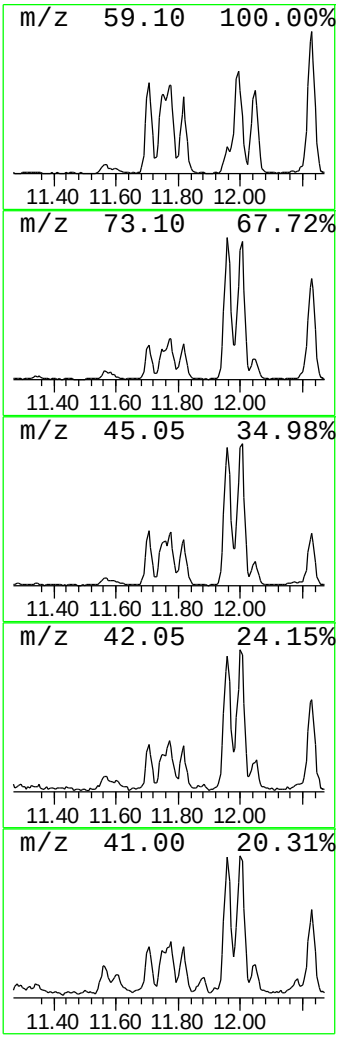
****

Peak Number 10 Tri(1,2-propyleneglycol), m... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	12.18 ng	372765	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	78
2	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	56
3	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	50
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	43
5	1-Propanol, 2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

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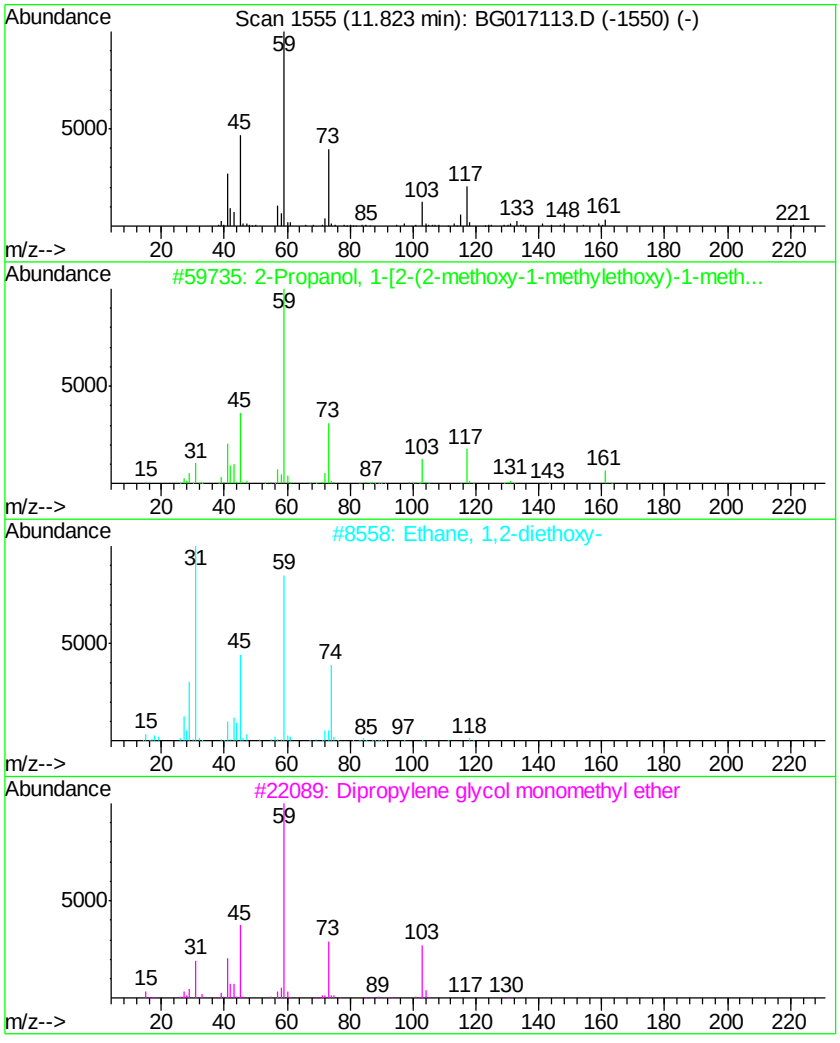
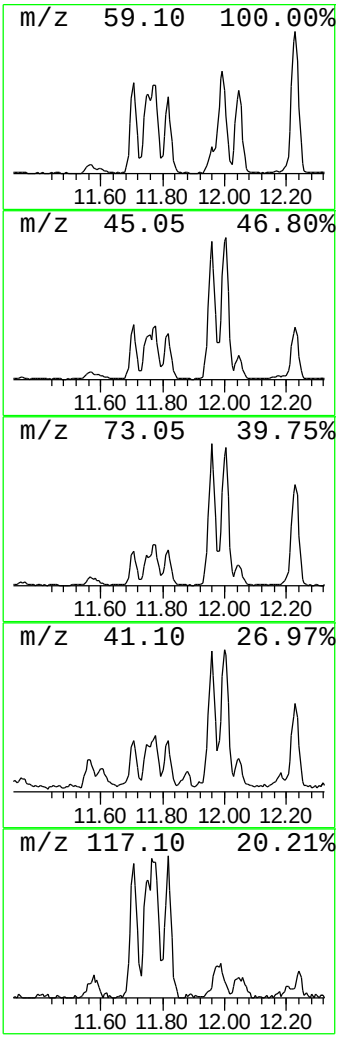
Peak Number 11 Ethane, 1,2-diethoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	10.54 ng	322740	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	72
2	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	59
3	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	50
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	47
5	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	40





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Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

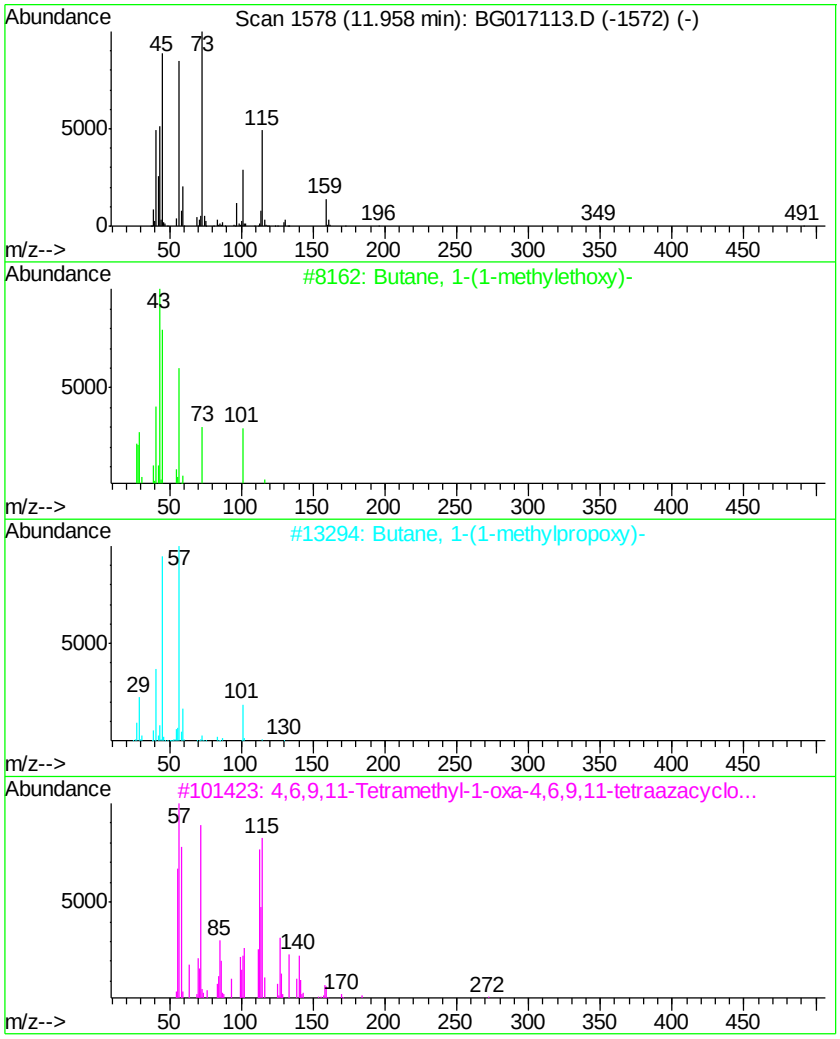
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

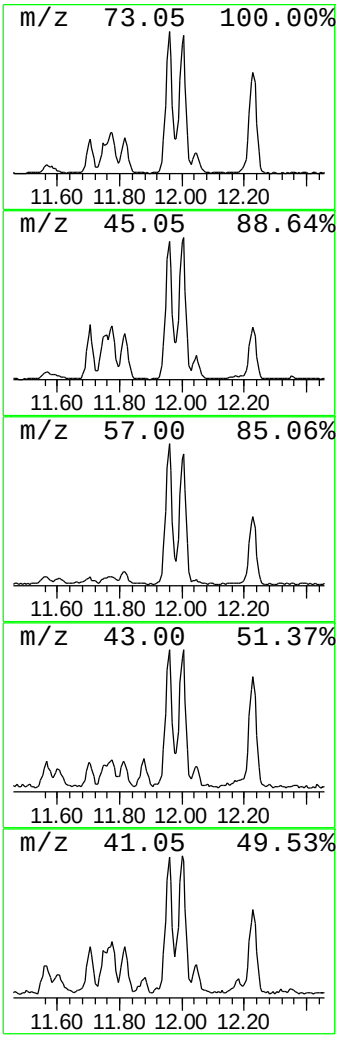
****

Peak Number 12 unknown11.96 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	34.52 ng	1056440	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	47
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	43
3	4,6,9,11-Tetramethyl-1-oxa-4,6,9...	272	C12H24N4O3	1000139-36-0	35
4	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	32
5	Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

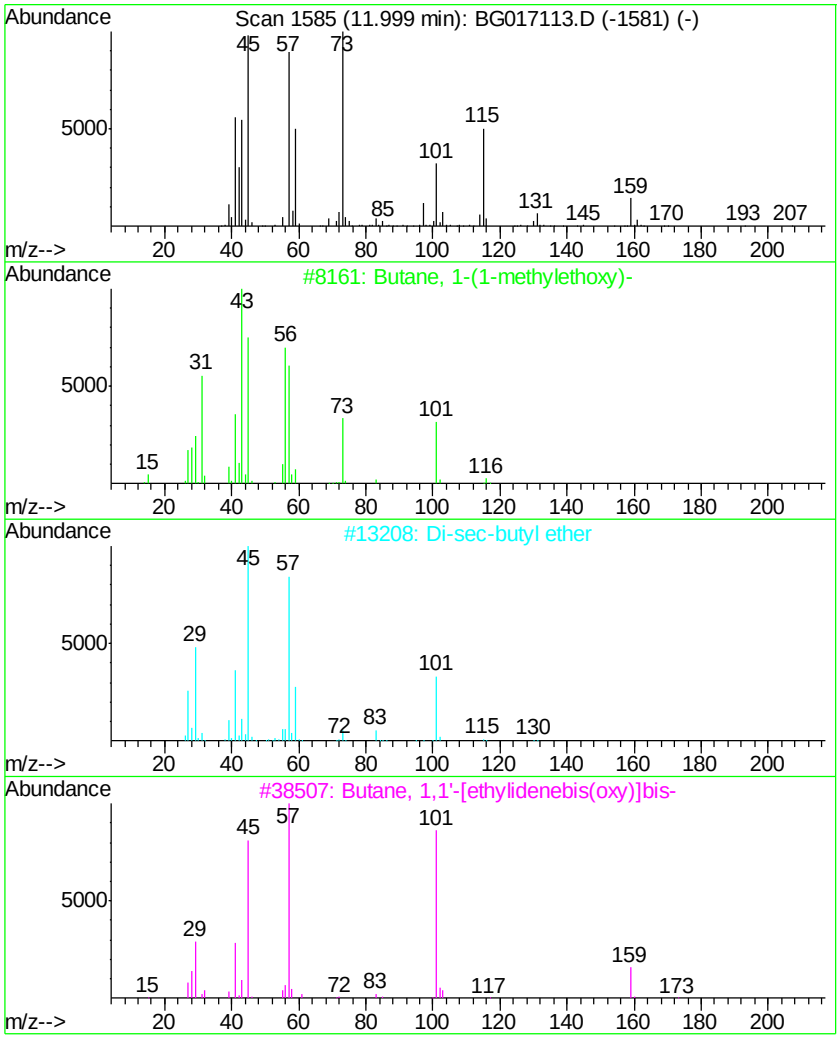
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

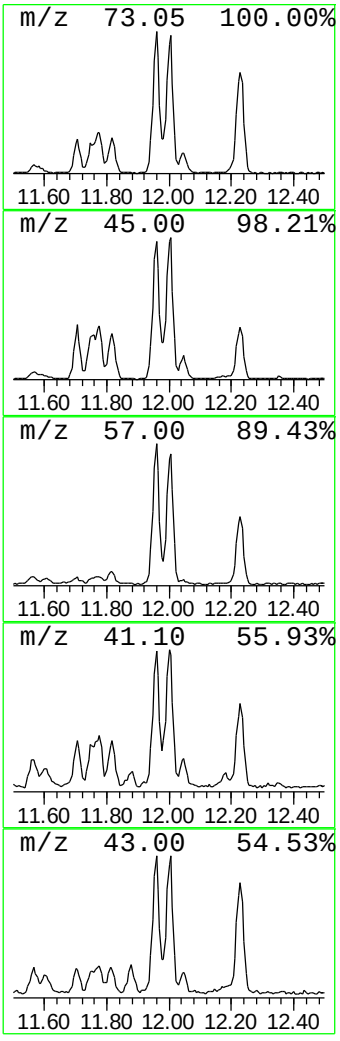
****

Peak Number 13 unknown12.00 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	39.47 ng	1208080	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	43
2	Di-sec-butyl ether	130	C8H18O	006863-58-7	43
3	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	38
4	Tetraethylene glycol diethyl ether	250	C12H26O5	004353-28-0	37
5	Phloroglucitol	132	C6H12O3	002041-15-8	35





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Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

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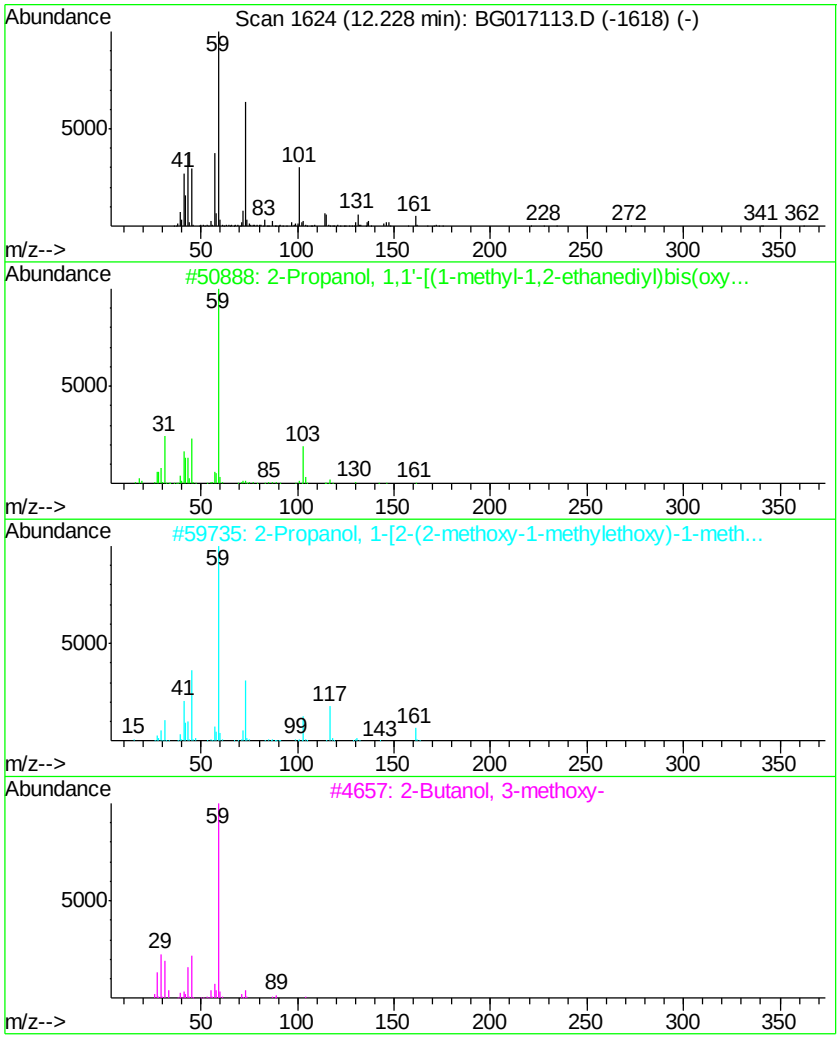
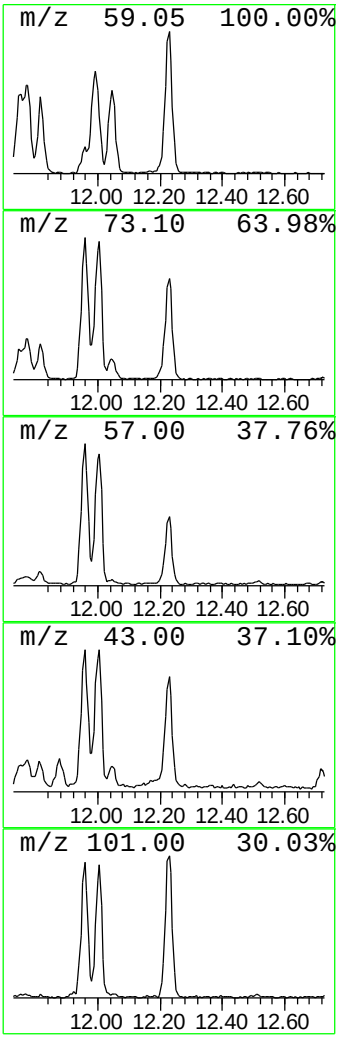
Peak Number 14 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	30.45 ng	931908	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	59
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	56
3	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	50
4	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	47
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	46





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Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

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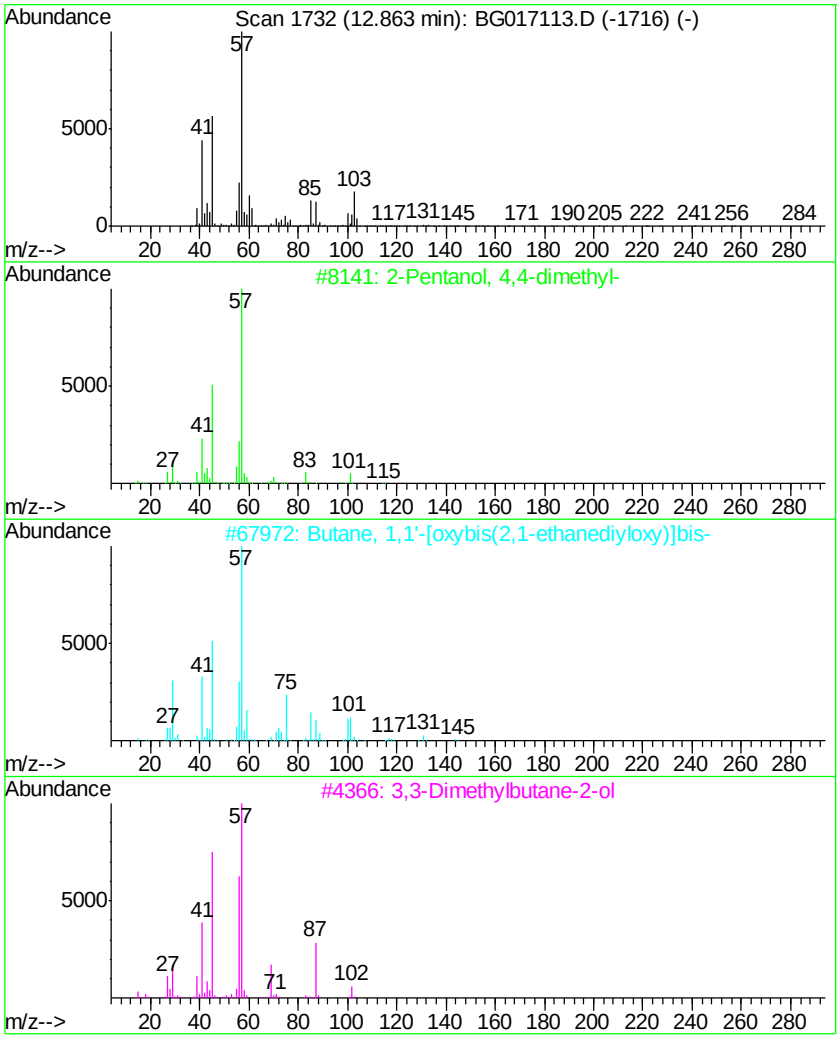
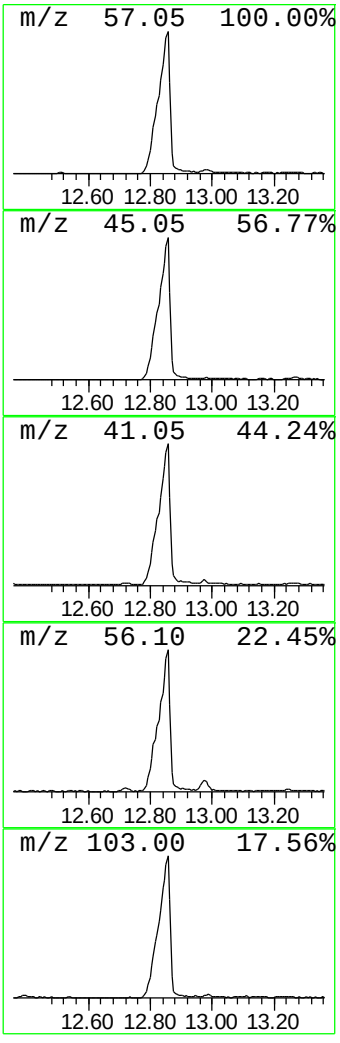
Peak Number 15 unknown12.86 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	139.45 ng	5839750	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	43
2	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	40
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	38
4	Ethanol, 2-(2-butoxyethoxy)-, ac...	204	C10H20O4	000124-17-4	37
5	Propanoic acid, 2,2-dimethyl-, h...	200	C12H24O2	017660-61-6	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

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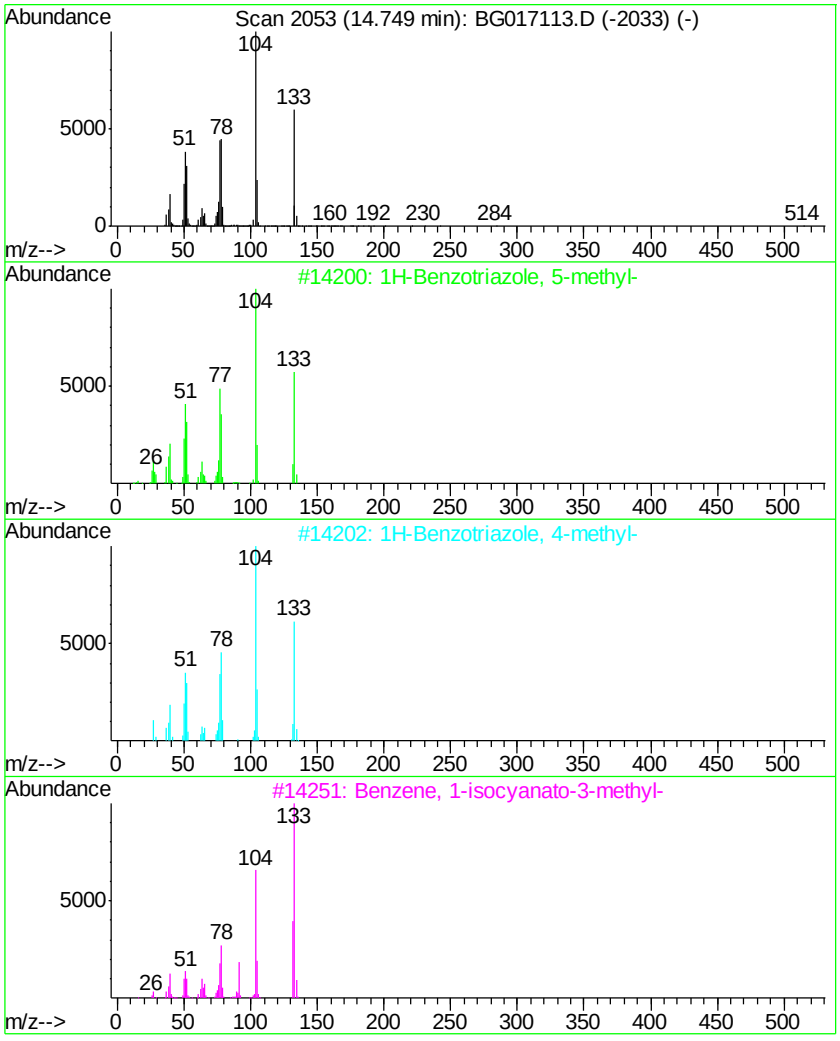
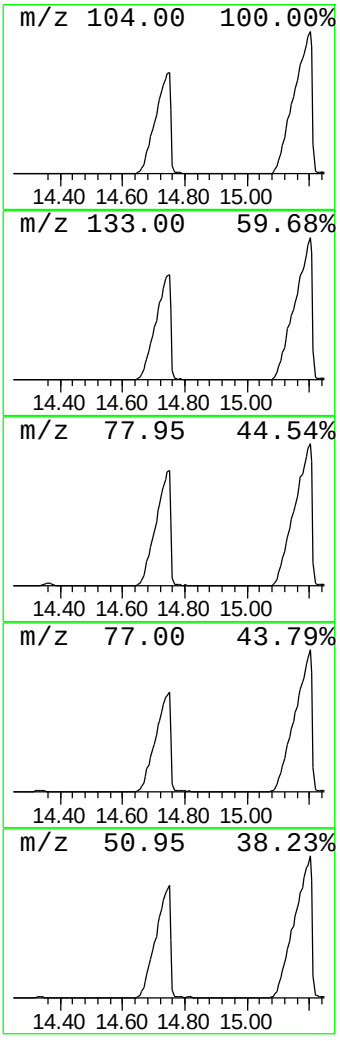
Peak Number 16 1H-Benzotriazole, 5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	284.53 ng	11915500	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	98
2	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	97
3	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	90
4	Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	72
5	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	68





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Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

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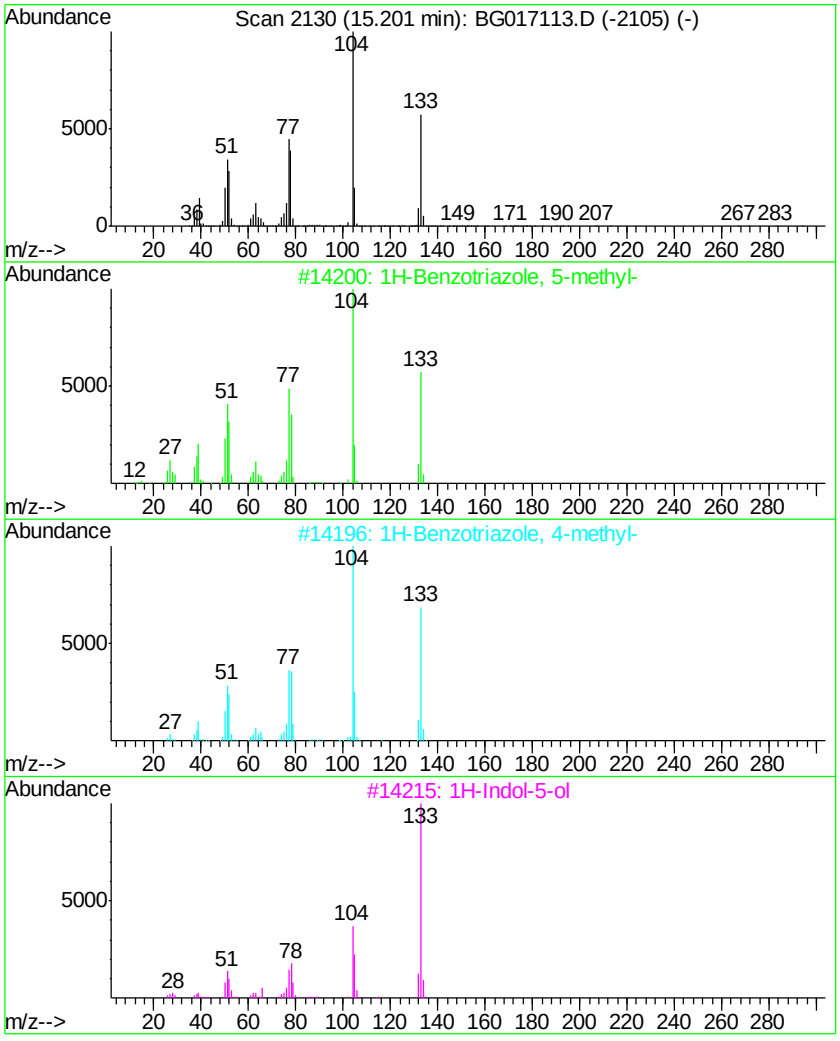
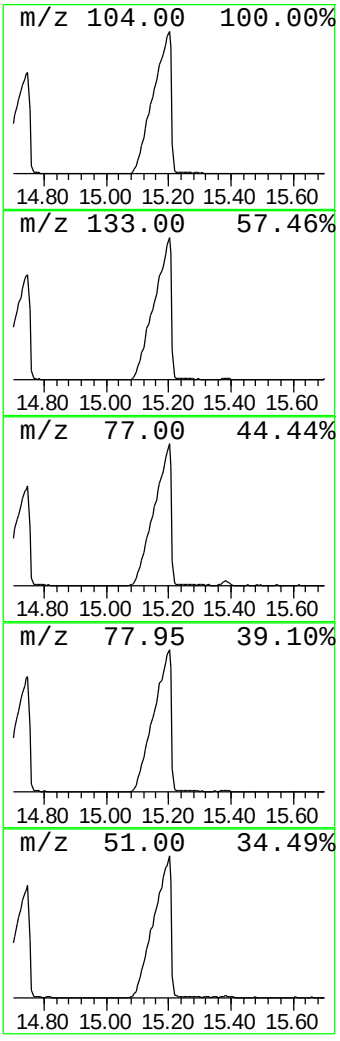
Peak Number 17 1H-Benzotriazole, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	437.70 ng	18330100	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	98
2	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	97
3	1H-Indol-5-ol	133	C8H7NO	001953-54-4	68
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	64
5	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	64





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Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

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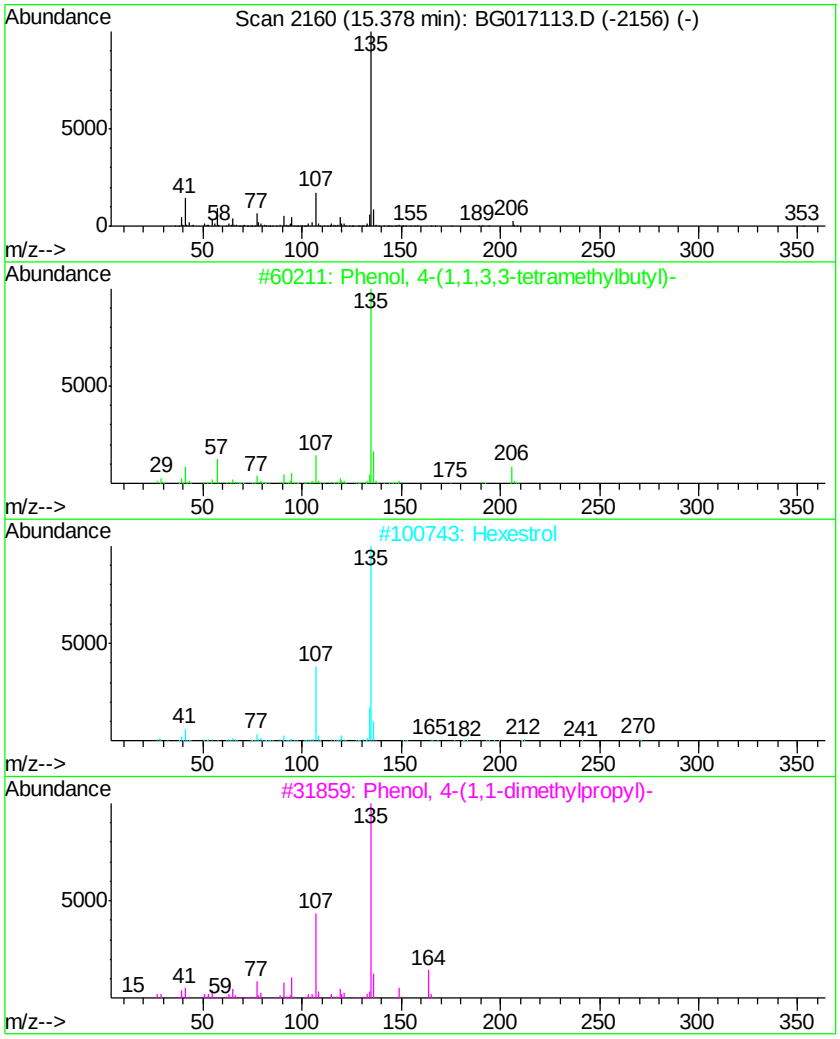
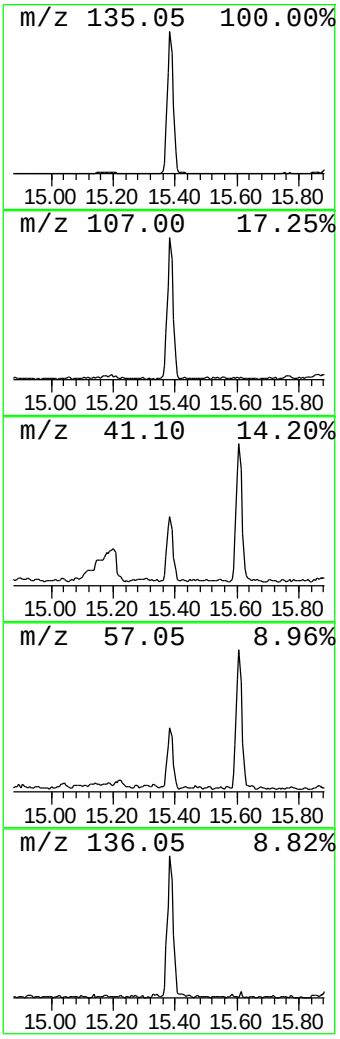
Peak Number 18 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	18.28 ng	765661	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Hexestrol	270	C18H22O2	005635-50-7	64
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
5	Tricyclo[3.3.1.1(3,7)-]decane, 1...	214	C10H15Br	000768-90-1	59





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Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

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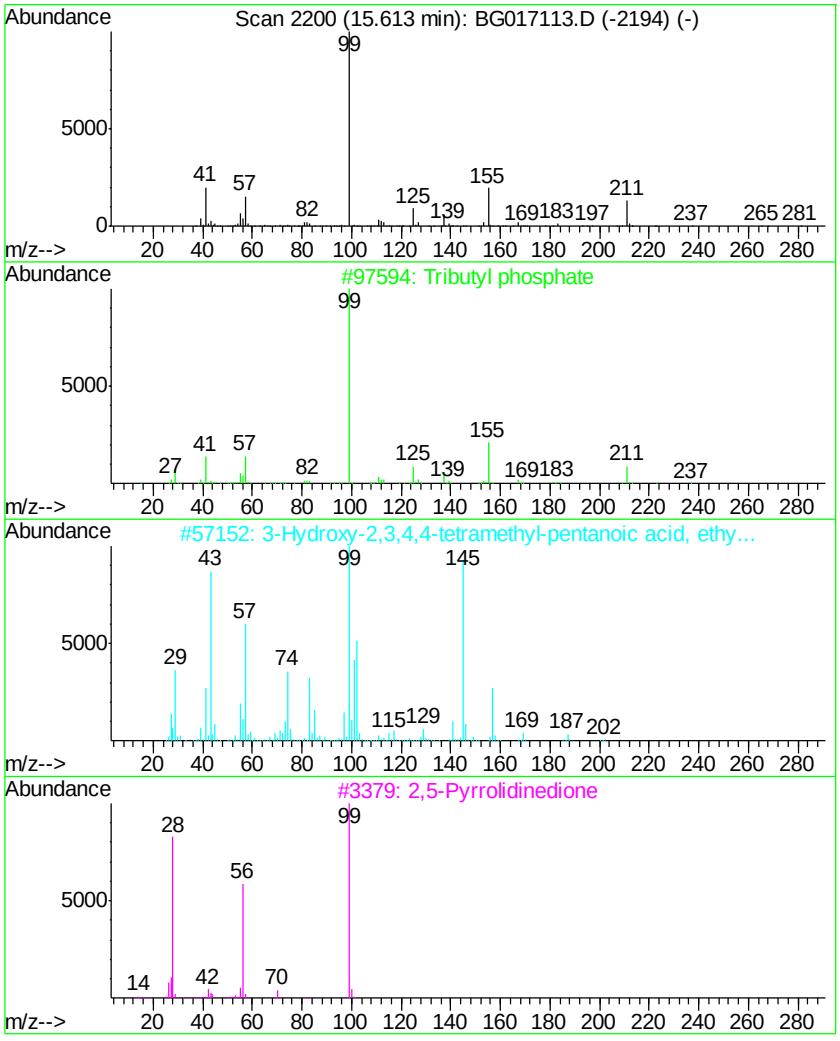
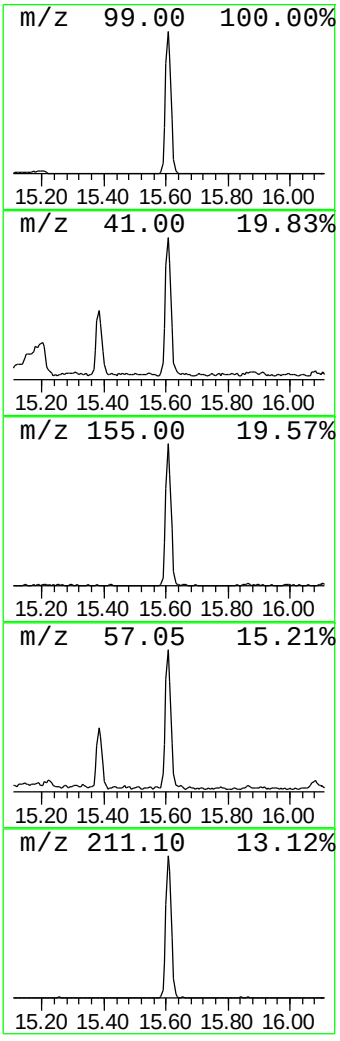
Peak Number 19 Tributyl phosphate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	23.55 ng	986137	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	25
3	2,5-Pyrrolidinedione	99	C4H5NO2	000123-56-8	9
4	2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	9
5	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	9





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Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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

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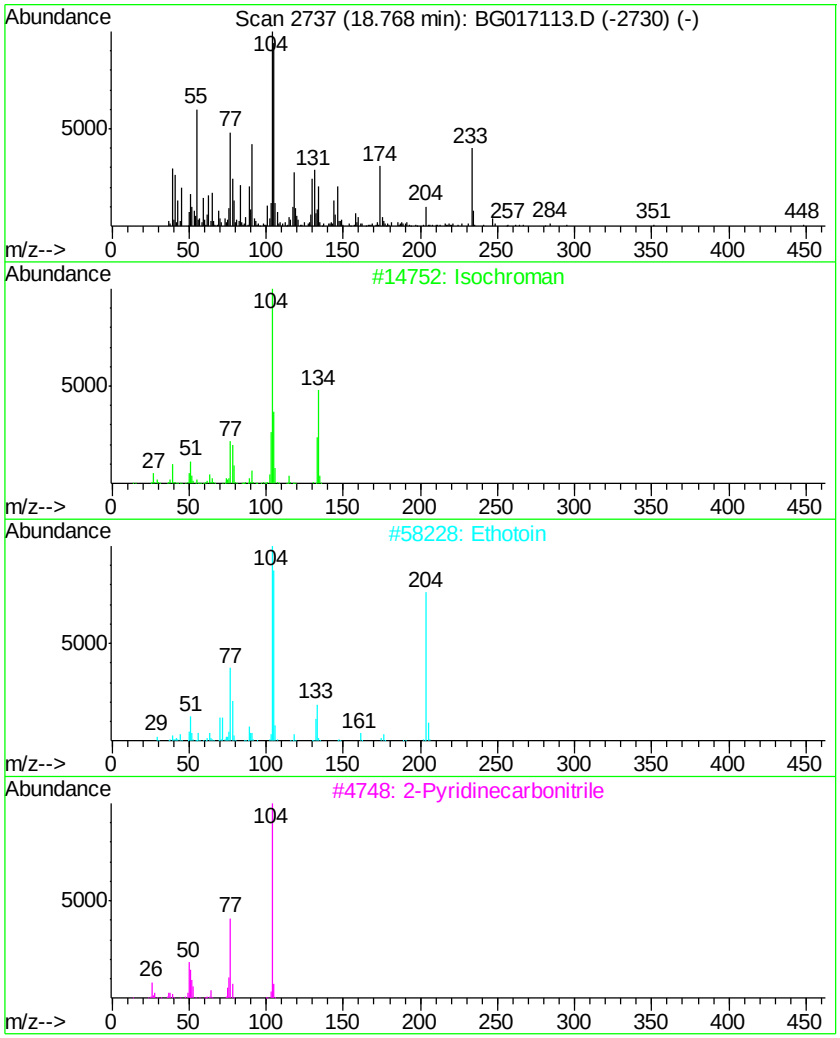
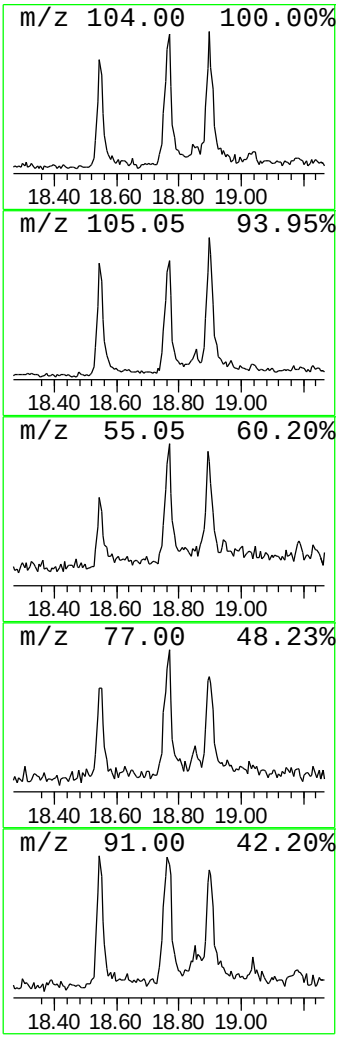
Peak Number 20 unknown18.77 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	11.73 ng	541768	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isochroman	134	C9H10O	000493-05-0	38
2	Ethotoin	204	C11H12N2O2	000086-35-1	30
3	2-Pyridinecarbonitrile	104	C6H4N2	000100-70-9	30
4	Benzene, (2,4-dimethylcyclopentyl)-	174	C13H18	074421-27-5	27
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017113.D
Acq On : 13 May 2015 18:38
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-TW-03

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...	2.87	22.1	ng	594423	1	7.71	537013	20.0
unknown7.25	7.25	62.0	ng	1665040	1	7.71	537013	20.0
unknown8.76	8.76	62.3	ng	1671770	1	7.71	537013	20.0
2-Cyclopenten-1-o...	9.26	10.4	ng	318872	2	10.50	612155	20.0
Hexanoic acid, 3,...	9.70	712.9	ng	21818700	2	10.50	612155	20.0
Bicyclo[2.2.1]hep...	9.91	15.0	ng	460482	2	10.50	612155	20.0
2-Propanol, 1-[2-...	11.71	11.8	ng	360693	2	10.50	612155	20.0
Tri(1,2-propylene...	11.77	12.2	ng	372765	2	10.50	612155	20.0
Ethane, 1,2-dieth...	11.82	10.5	ng	322740	2	10.50	612155	20.0
unknown11.96	11.96	34.5	ng	1056440	2	10.50	612155	20.0
unknown12.00	12.00	39.5	ng	1208080	2	10.50	612155	20.0
2-Propanol, 1,1'-...	12.23	30.4	ng	931908	2	10.50	612155	20.0
unknown12.86	12.86	139.4	ng	5839750	3	14.36	837561	20.0
1H-Benzotriazole,...	14.75	284.5	ng	11915500	3	14.36	837561	20.0
1H-Benzotriazole,...	15.20	437.7	ng	18330100	3	14.36	837561	20.0
Phenol, 4-(1,1,3,...	15.38	18.3	ng	765661	3	14.36	837561	20.0
Tributyl phosphate	15.61	23.6	ng	986137	3	14.36	837561	20.0
unknown18.77	18.77	11.7	ng	541768	4	17.11	923474	20.0