LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033675.D
Acq On : 9 Apr 2018 11:37
Operator : SJ/JU
Sample : J2216-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP-BLANK

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-BG031918.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	3.477	26	32	42	rBV	212374	433703	10.91%	2.553%
2	3.565	42	47	57	rVB	179247	290999	7.32%	1.713%
3	5.768	415	422	432	rBV	43724	74971	1.89%	0.441%
4	6.285	503	510	520	rBV	260044	533336	13.41%	3.139%
5	7.965	791	796	815	rBV	137393	343089	8.63%	2.020%
6	8.365	857	864	884	rBV	537734	1135938	28.56%	6.687%
7	8.858	940	948	963	rBV	110545	267149	6.72%	1.573%
8	9.193	996	1005	1019	rBV	548871	1087631	27.35%	6.402%
9	10.057	1145	1152	1165	rBV	411960	908782	22.85%	5.349%
10	11.737	1430	1438	1453	rBV	172881	370706	9.32%	2.182%
11	12.202	1510	1517	1522	rBV2	28934	48389	1.22%	0.285%
12	12.254	1522	1526	1537	rVB	37321	65936	1.66%	0.388%
13	14.099	1834	1840	1854	rBV	1331640	2244433	56.44%	13.212%
14	15.474	2068	2074	2086	rBV2	326203	573397	14.42%	3.375%
15	16.949	2318	2325	2342	rBV	1146015	1956331	49.19%	11.516%
16	17.090	2345	2349	2360	rVB4	22747	47585	1.20%	0.280%
17	18.206	2531	2539	2552	rBV2	462432	821093	20.65%	4.833%
18	20.727	2962	2968	2980	rBV	2950823	3977005	100.00%	23.410%
19	22.548	3272	3278	3290	rBV2	479644	917027	23.06%	5.398%
20	26.309	3903	3918	3935	rBV3	250755	890861	22.40%	5.244%

Sum of corrected areas: 16988361

LSC Report - Integrated Chromatogram

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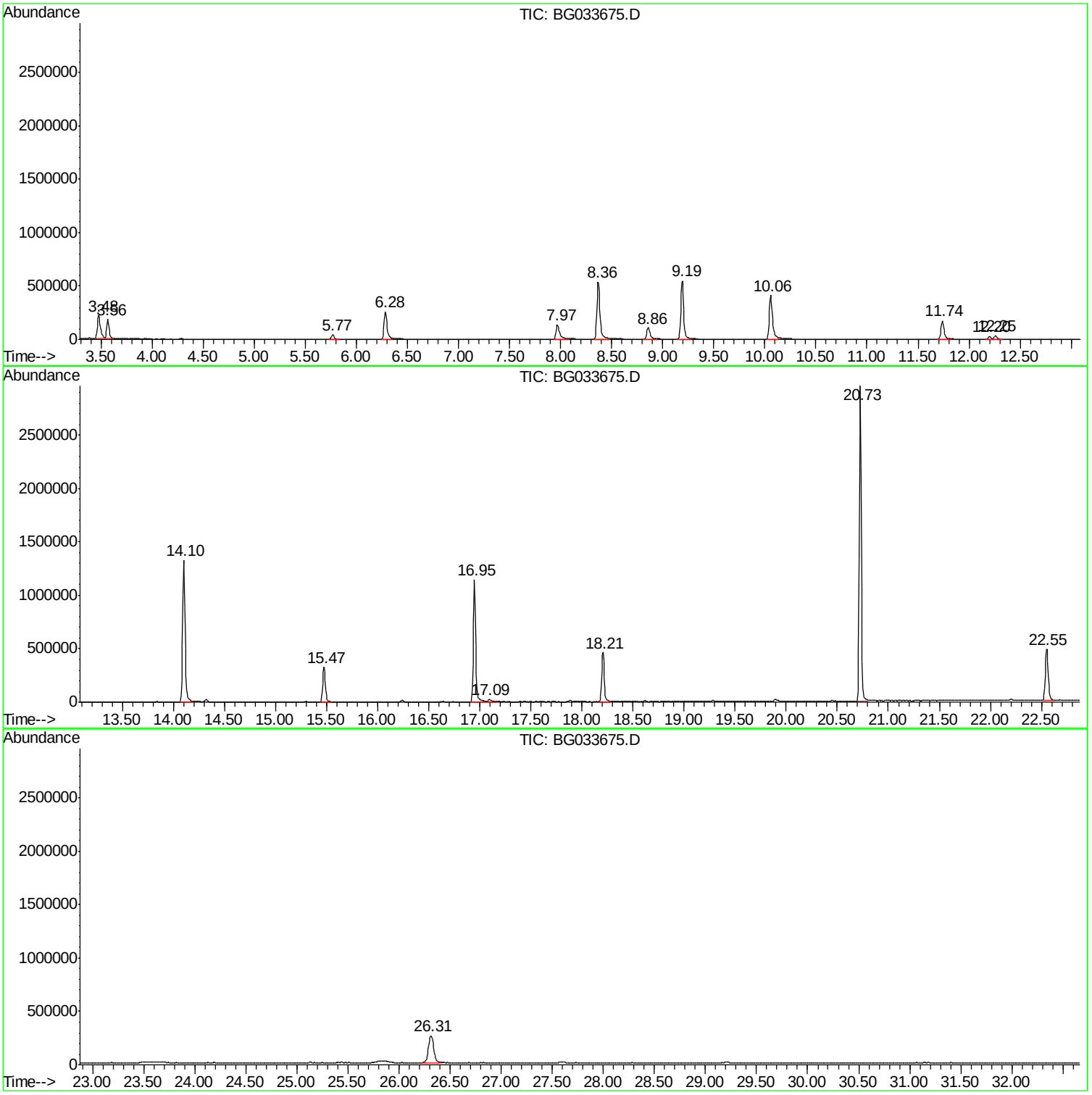
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP-BLANK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BG033675.D
Acq On : 9 Apr 2018 11:37
Operator : SJ/JU
Sample : J2216-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP-BLANK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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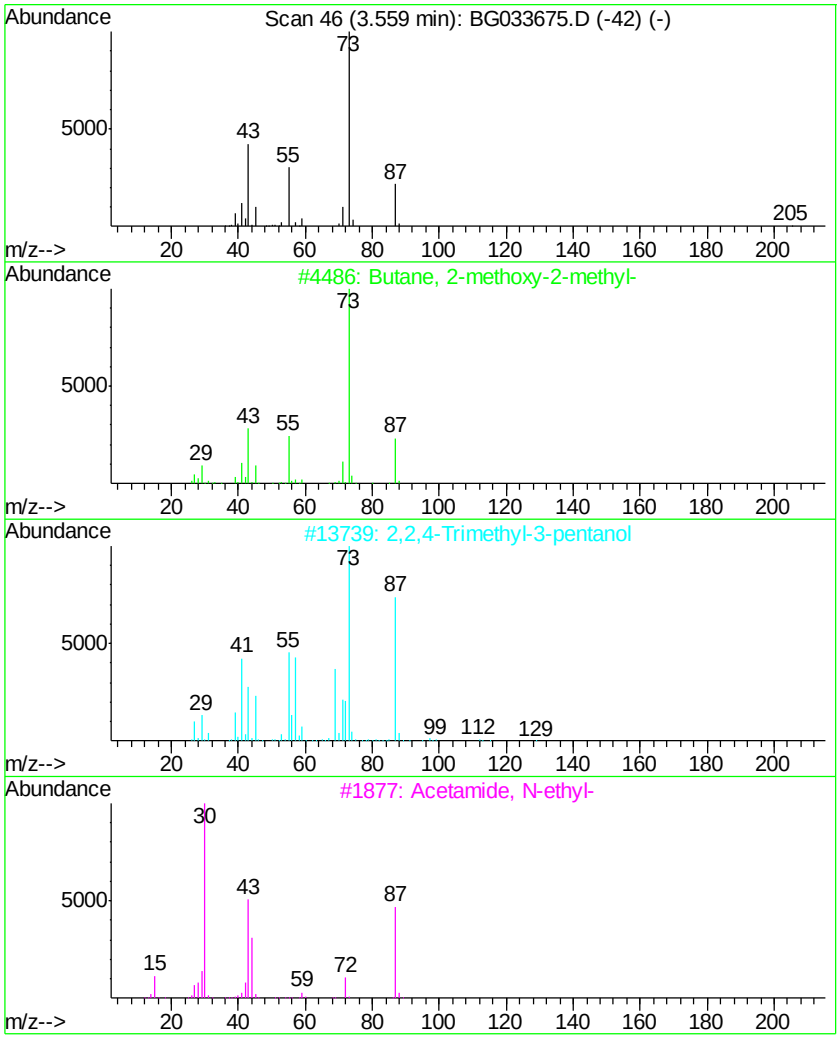
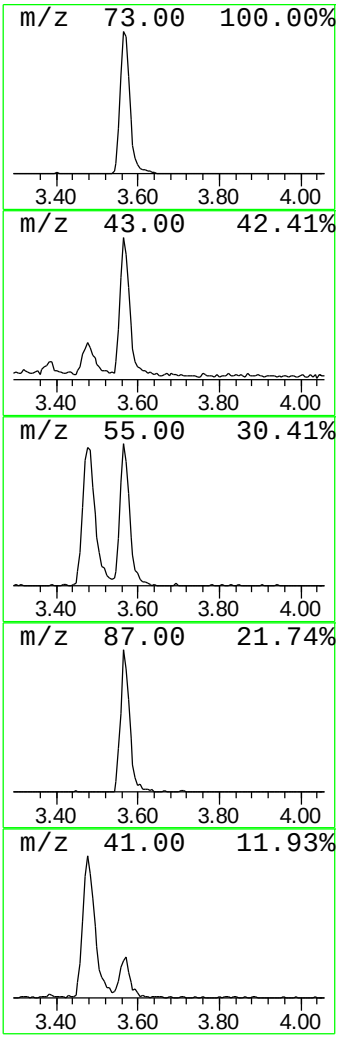
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	21.79 ng	290999	1,4-Dichlorobenzene-d4	8.86

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG033675.D
Acq On : 9 Apr 2018 11:37
Operator : SJ/JU
Sample : J2216-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP-BLANK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

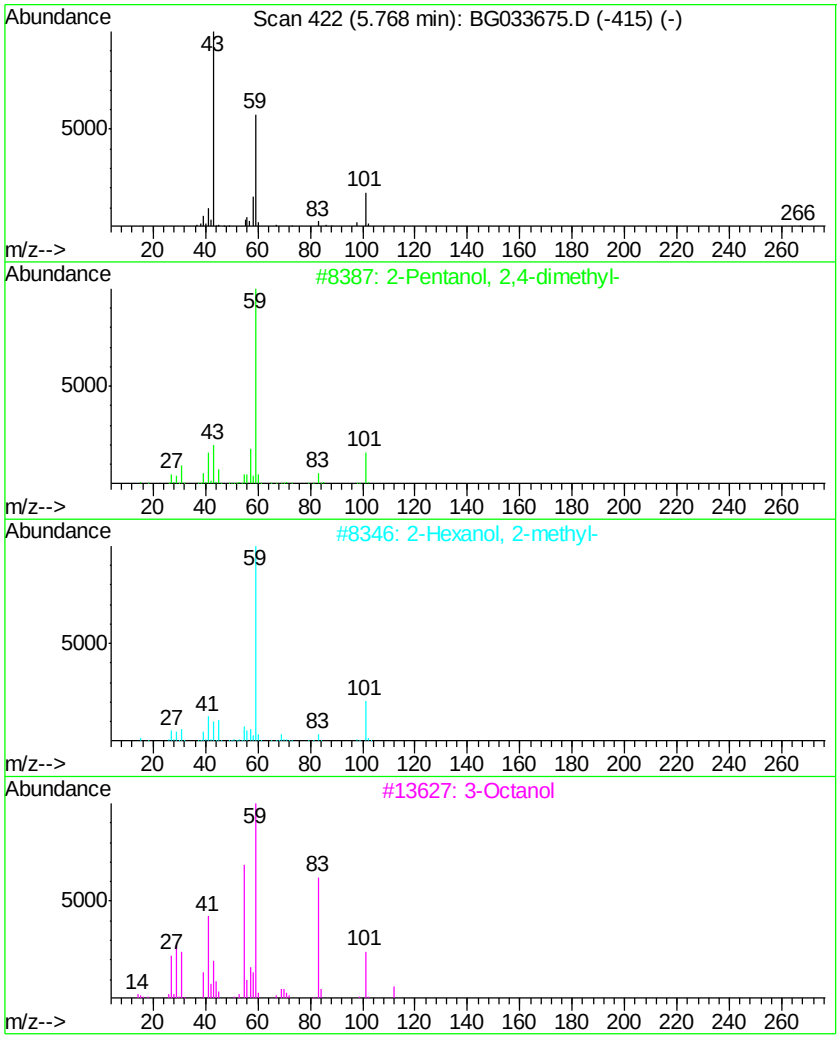
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

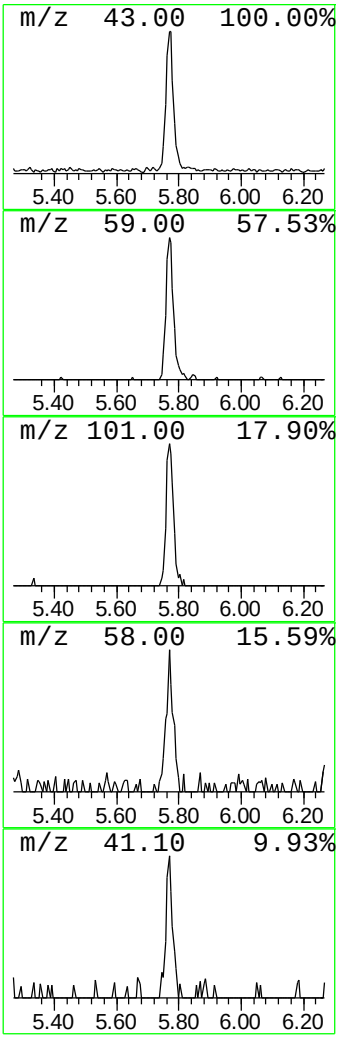
****

Peak Number 3 2-Pentanol, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	5.61 ng	74971	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	3-Octanol	130	C8H18O	000589-98-0	36
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033675.D
Acq On : 9 Apr 2018 11:37
Operator : SJ/JU
Sample : J2216-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP-BLANK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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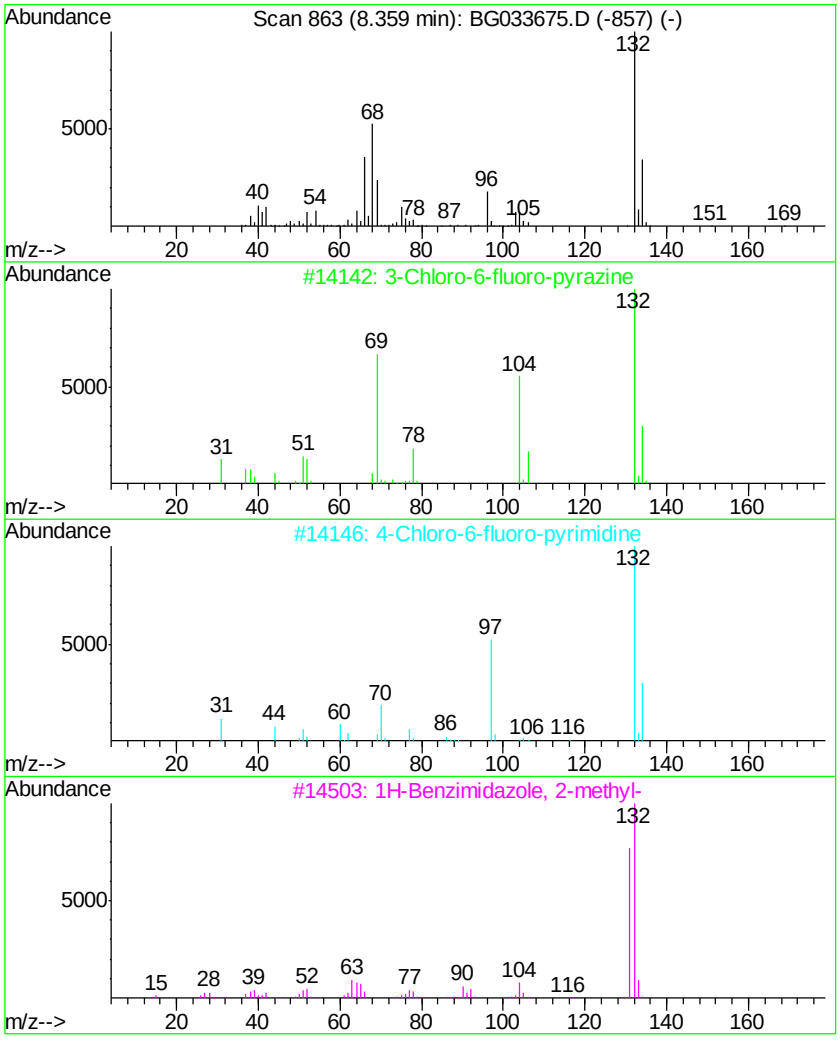
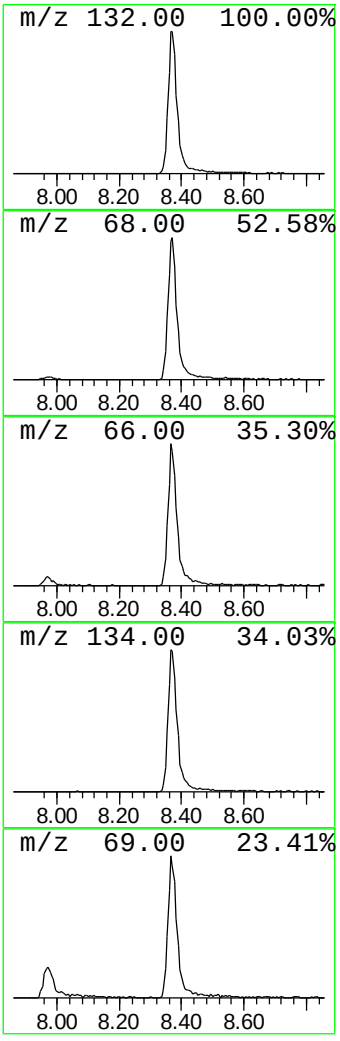
Peak Number 4 unknown8.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	85.04 ng	1135940	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP-BLANK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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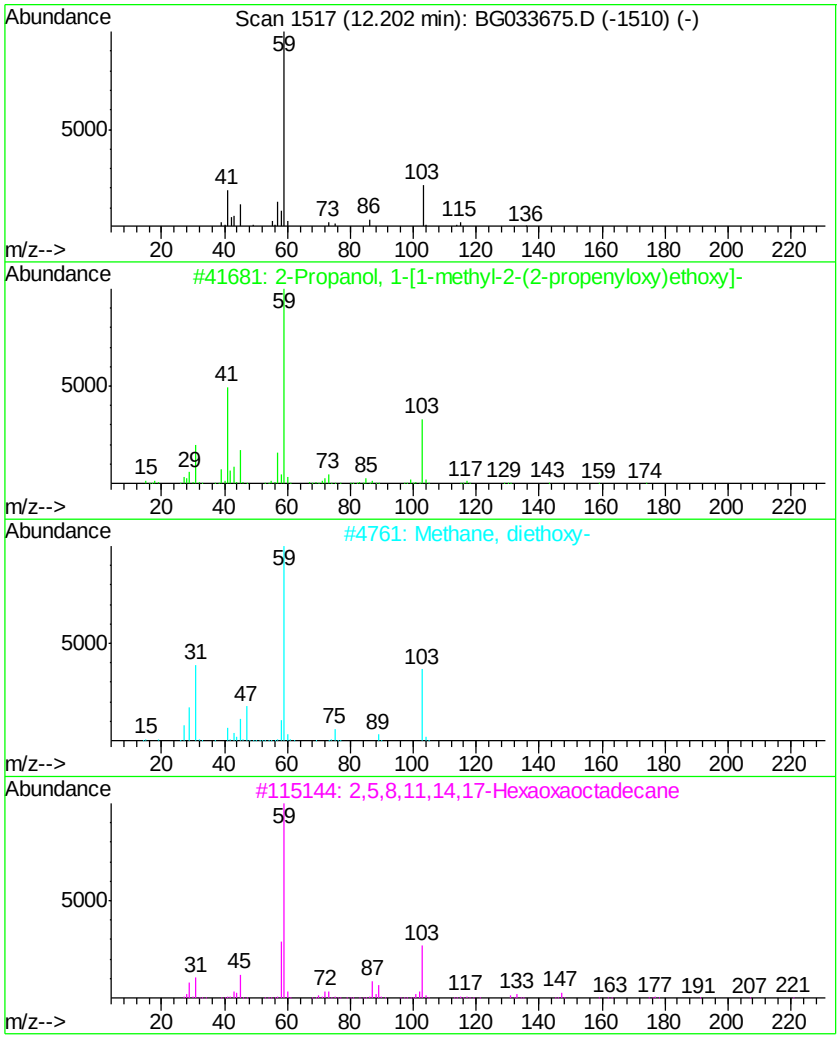
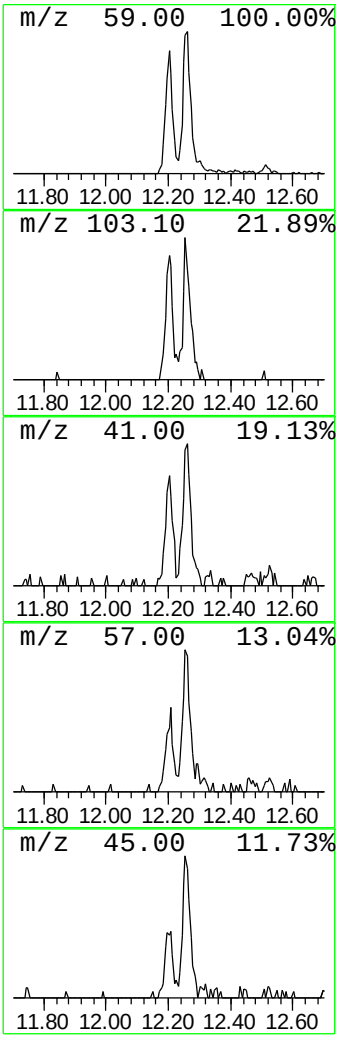
Peak Number 6 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.61 ng	48389	Naphthalene-d8	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	78
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	64
3	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	56
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	56
5	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	56





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Operator : SJ/JU
Sample : J2216-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-EQUIP-BLANK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

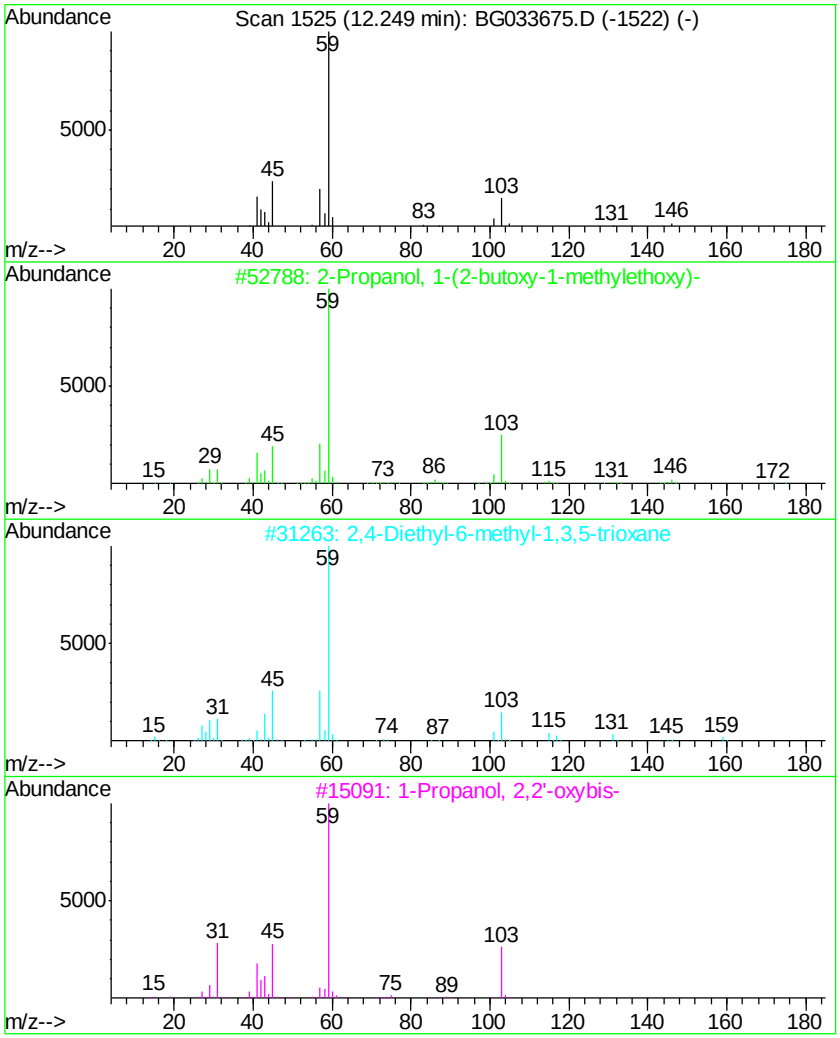
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

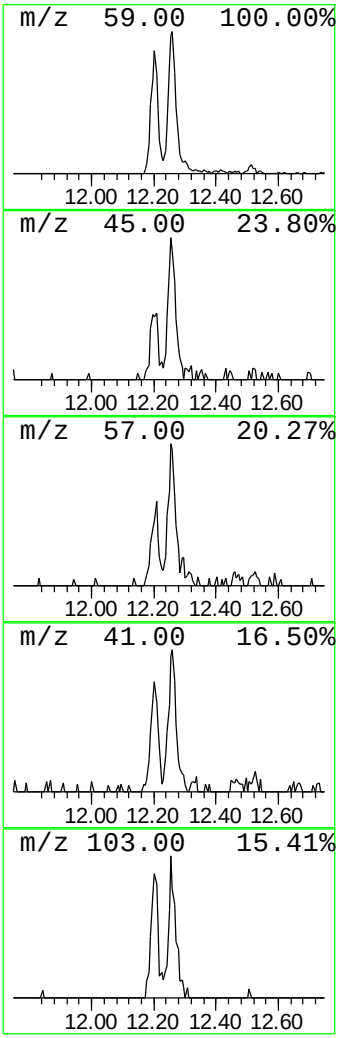
****

Peak Number 7 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.56 ng	65936	Naphthalene-d8	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	83
2	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	78
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	72
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.56	21.8	ng	290999	1	8.86	267149	20.0
2-Pentanol, 2,4-d...	5.77	5.6	ng	74971	1	8.86	267149	20.0
unknown8.36	8.36	85.0	ng	1135940	1	8.86	267149	20.0
2-Propanol, 1-[1-...	12.20	2.6	ng	48389	2	11.74	370706	20.0
2-Propanol, 1-(2-...	12.25	3.6	ng	65936	2	11.74	370706	20.0