LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
Data File : BF091308.D
Acq On : 24 Nov 2016 11:17
Operator : UM/SJ
Sample : H5721-01
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : MW-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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	1.904	17	19	38	rVB	3330939	5451985	8.05%	2.513%
2	5.470	329	331	337	rBV	1742999	2612024	3.86%	1.204%
3	6.533	422	424	431	rVV	716394	1584370	2.34%	0.730%
4	6.659	431	435	436	rVV	2669105	4502590	6.65%	2.075%
5	6.693	436	438	439	rVV	1666528	1690452	2.50%	0.779%
6	6.716	439	440	442	rVV	786704	937356	1.38%	0.432%
7	6.830	446	450	452	rVV	6850677	9359188	13.82%	4.313%
8	6.887	452	455	456	rVV	1602495	2303840	3.40%	1.062%
9	6.922	456	458	460	rVV	3650971	3472990	5.13%	1.601%
10	7.036	466	468	471	rVB	2861498	3474033	5.13%	1.601%
11	7.447	498	504	506	rBV	3198814	3977154	5.87%	1.833%
12	8.167	564	567	569	rBV	3264585	2912941	4.30%	1.342%
13	8.625	603	607	608	rBV	1101917	2347742	3.47%	1.082%
14	8.728	608	616	620	rVV	9186748	48921975	72.25%	22.546%
15	8.853	620	627	630	rVV3	14780577	67708676	100.00%	31.204%
16	8.945	630	635	637	rVV	13186275	31063160	45.88%	14.316%
17	9.265	659	663	665	rBV	3936153	5782960	8.54%	2.665%
18	9.665	696	698	700	rVV	1307995	1405222	2.08%	0.648%
19	9.928	718	721	722	rBV	3108676	3212010	4.74%	1.480%
20	9.950	722	723	726	rVB	910840	823102	1.22%	0.379%
21	10.705	787	789	792	rBV	2894216	3010517	4.45%	1.387%
22	11.402	848	850	853	rVB	2574272	2276270	3.36%	1.049%
23	12.991	986	989	991	rBV	4569317	4298424	6.35%	1.981%
24	14.031	1078	1080	1083	rBV	1846240	2161294	3.19%	0.996%
25	15.482	1203	1207	1209	rBV	1133708	1694395	2.50%	0.781%

Sum of corrected areas: 216984670

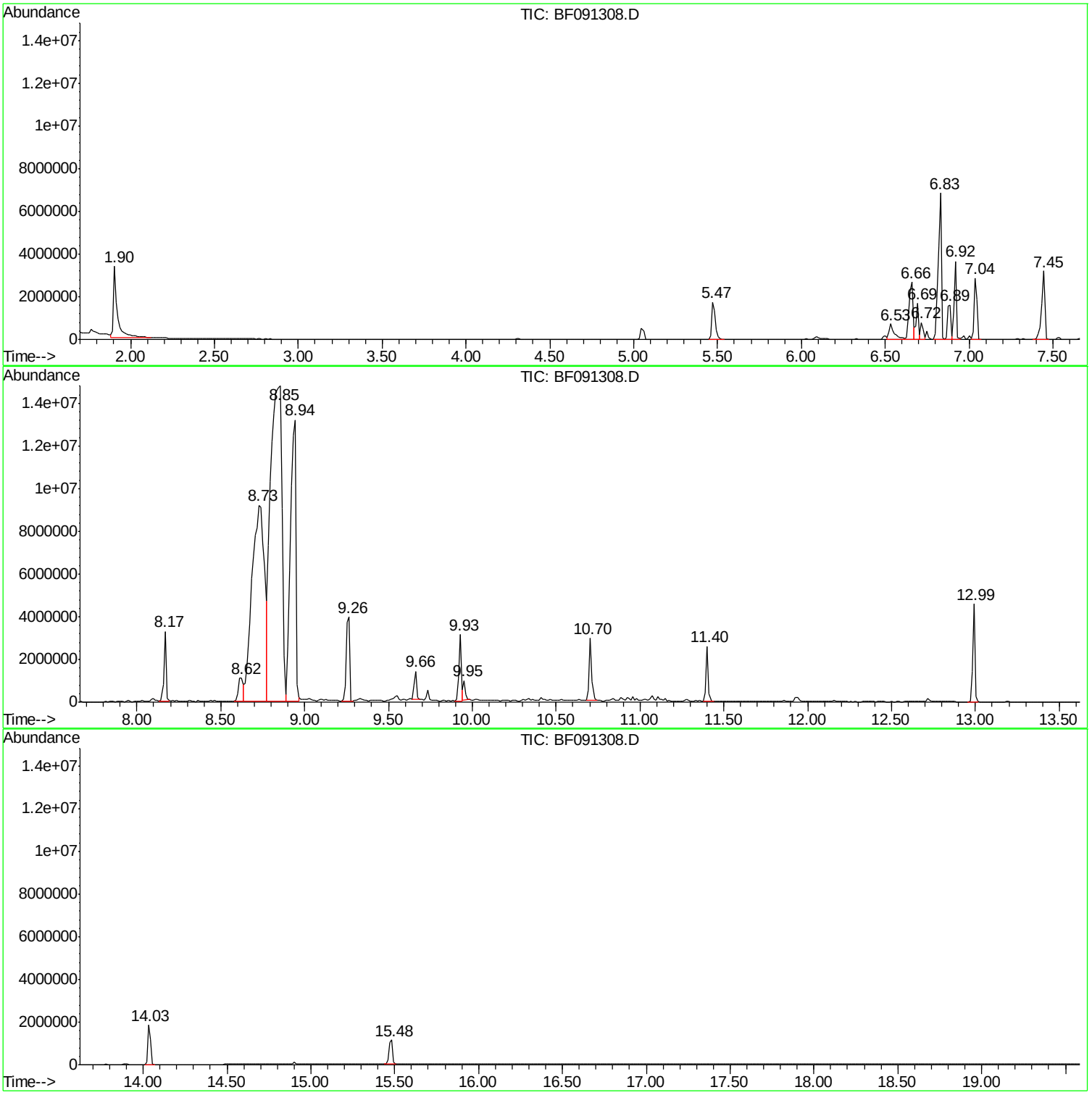
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
Data File : BF091308.D
Acq On : 24 Nov 2016 11:17
Operator : UM/SJ
Sample : H5721-01
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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 F\DATA\BF112316\
Data File : BF091308.D
Acq On : 24 Nov 2016 11:17
Operator : UM/SJ
Sample : H5721-01
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

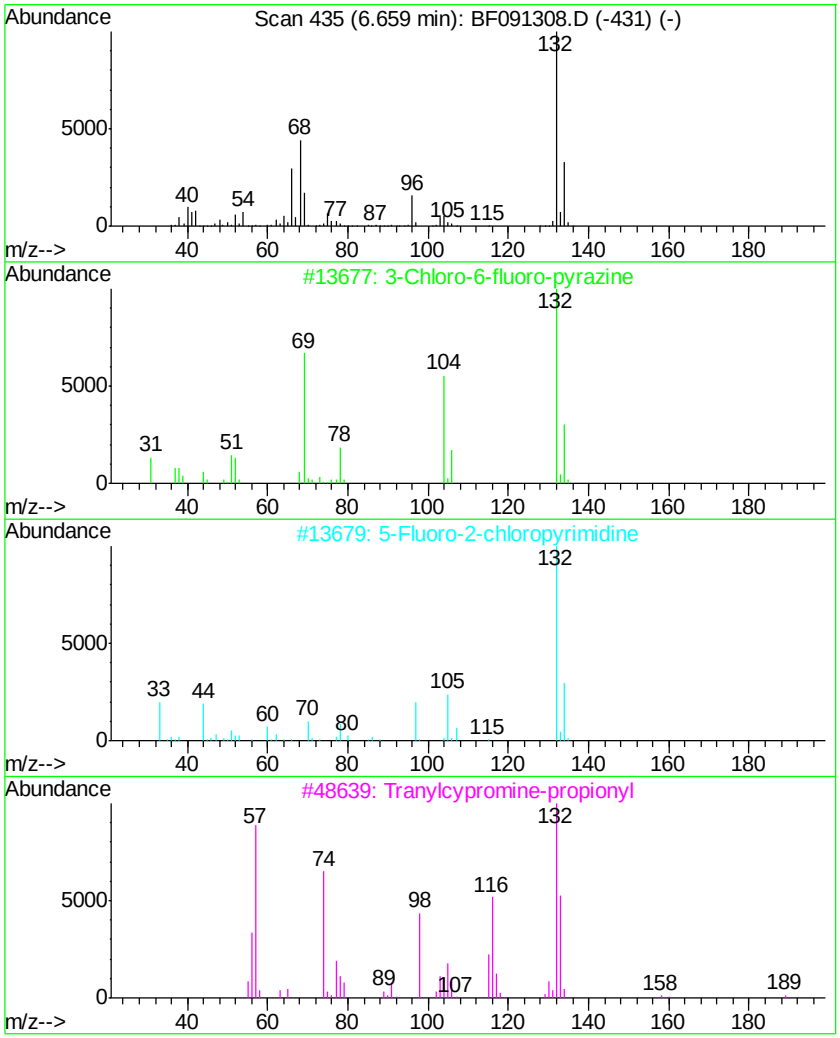
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

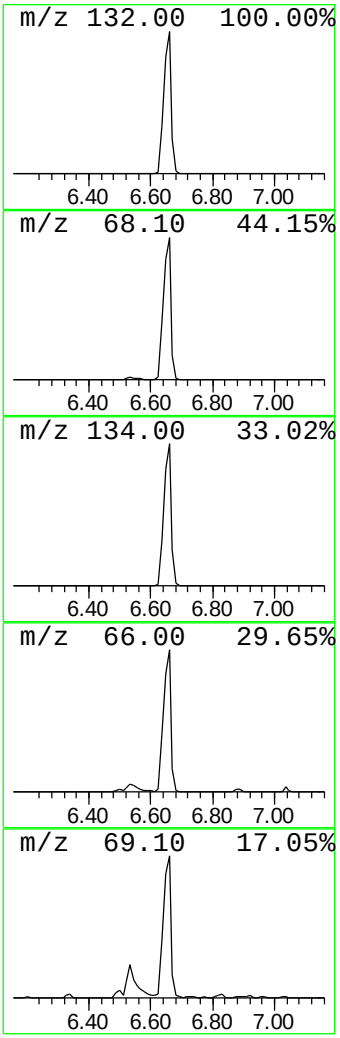
****

Peak Number 2 unknown6.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	39.09 ng	4502590	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
Data File : BF091308.D
Acq On : 24 Nov 2016 11:17
Operator : UM/SJ
Sample : H5721-01
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

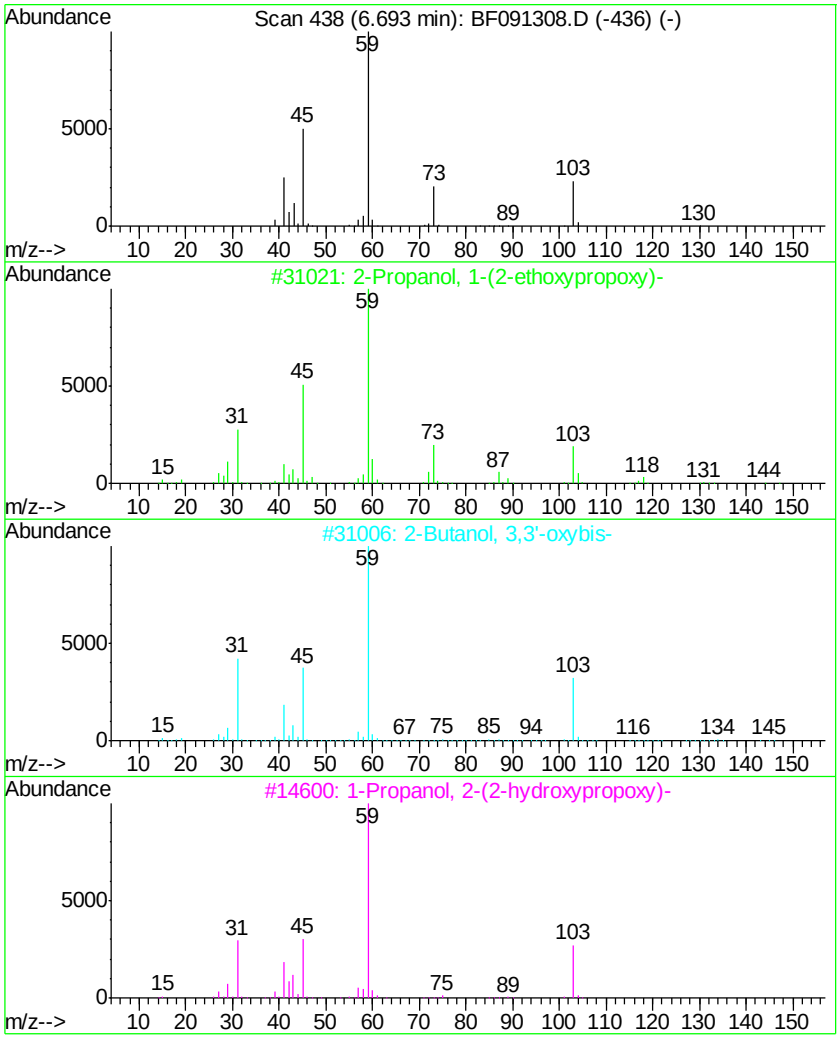
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

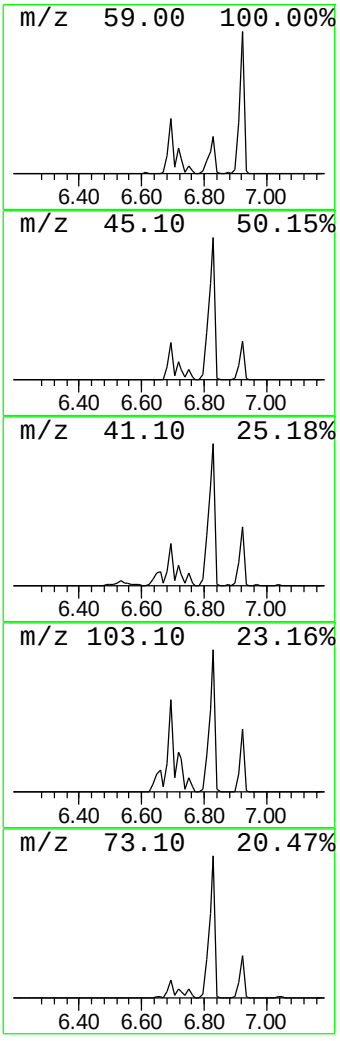
****

Peak Number 3 2-Propanol, 1-(2-ethoxyprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	14.68 ng	1690450	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	64
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	59
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	45
5	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
Data File : BF091308.D
Acq On : 24 Nov 2016 11:17
Operator : UM/SJ
Sample : H5721-01
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

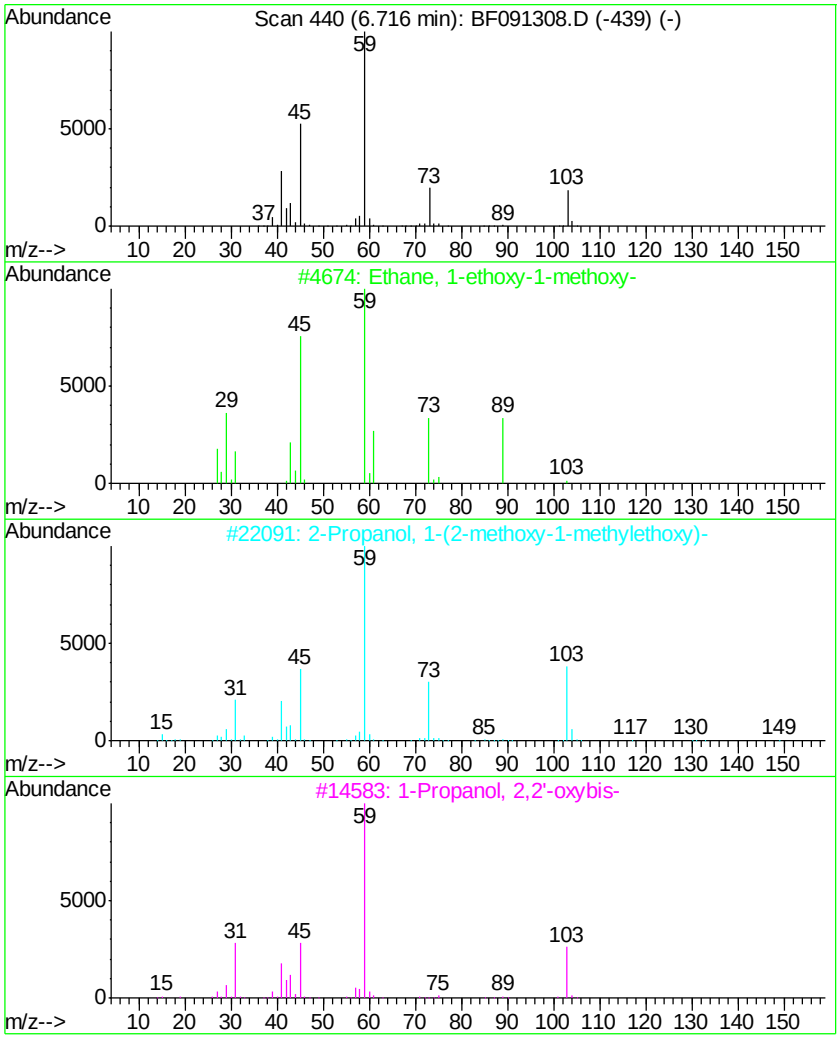
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

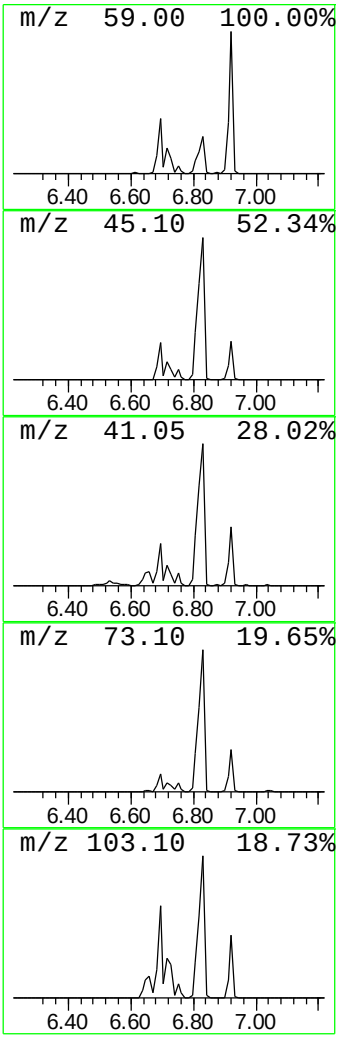
****

Peak Number 4 Ethane, 1-ethoxy-1-methoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	8.14 ng	937356	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	64
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	64
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	59
4	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	56
5	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
Data File : BF091308.D
Acq On : 24 Nov 2016 11:17
Operator : UM/SJ
Sample : H5721-01
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

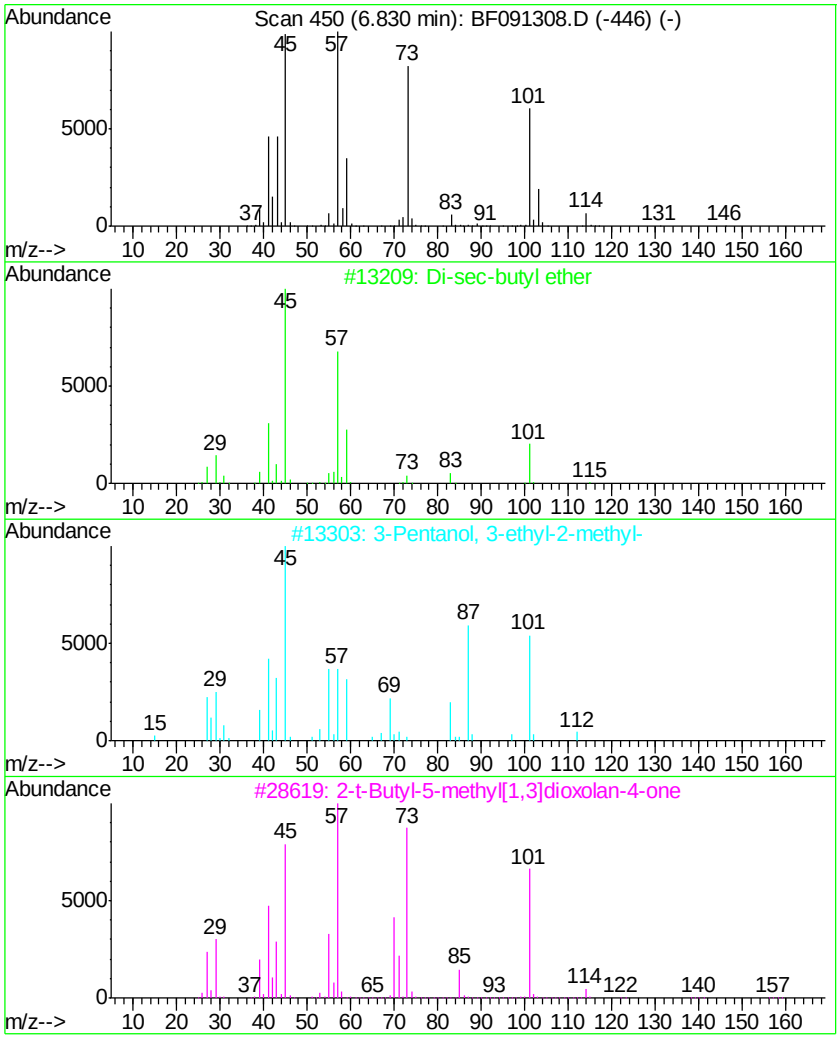
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

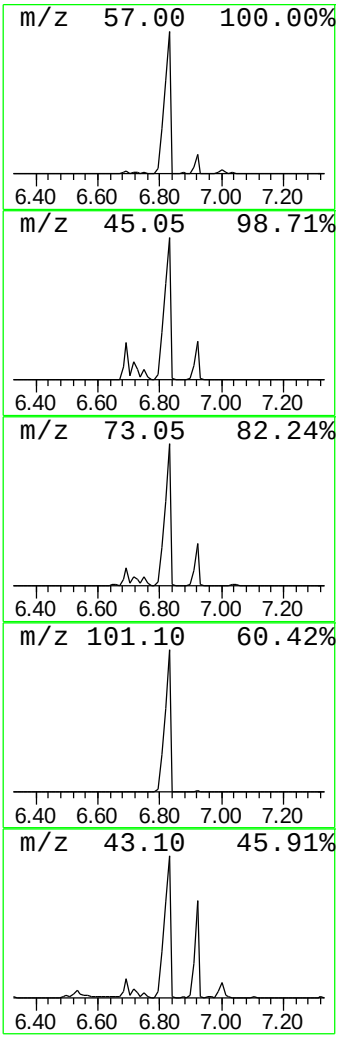
****

Peak Number 5 Di-sec-butyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	81.25 ng	9359190	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	53
2	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	40
3	2-t-Butyl-5-methyl[1,3]dioxolan-...	158	C8H14O3	130930-47-1	39
4	Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	38
5	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
Data File : BF091308.D
Acq On : 24 Nov 2016 11:17
Operator : UM/SJ
Sample : H5721-01
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

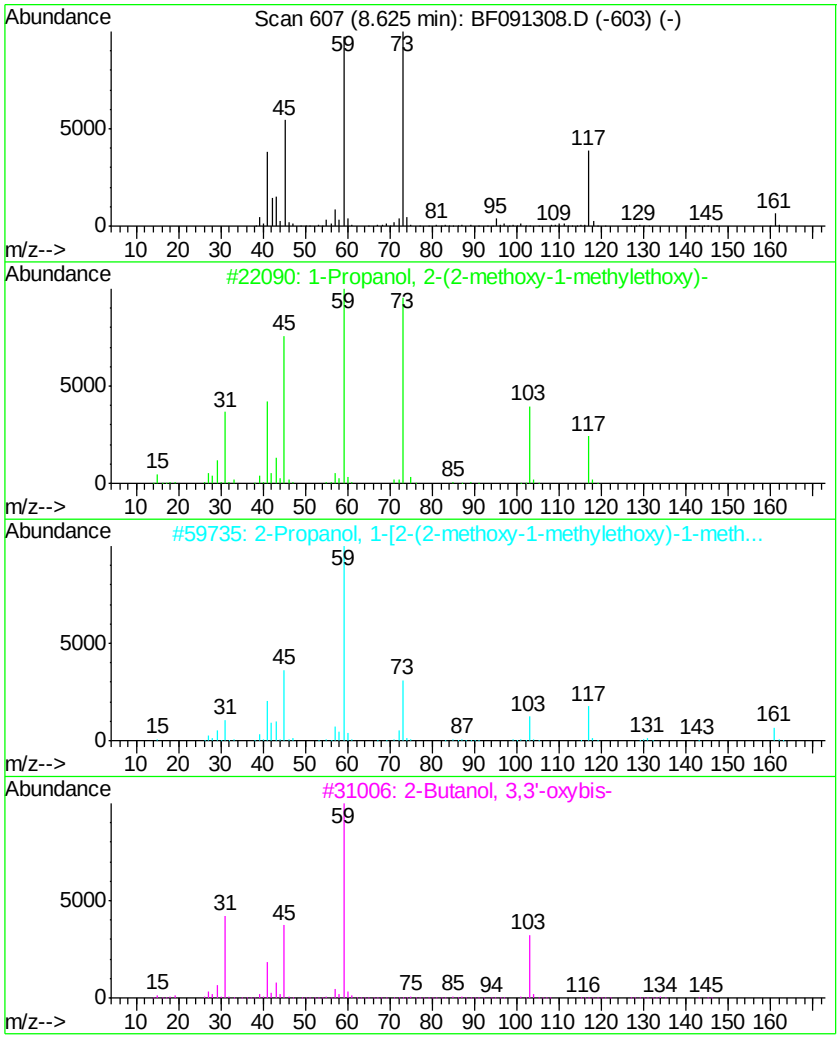
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

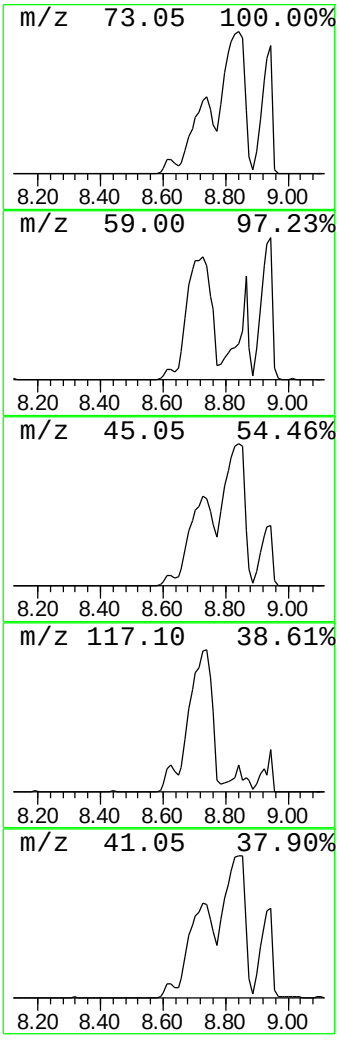
****

Peak Number 7 1-Propanol, 2-(2-methoxy-1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	16.12 ng	2347740	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	59
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	53
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	47
4	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	38
5	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	36





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Operator : UM/SJ
Sample : H5721-01
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

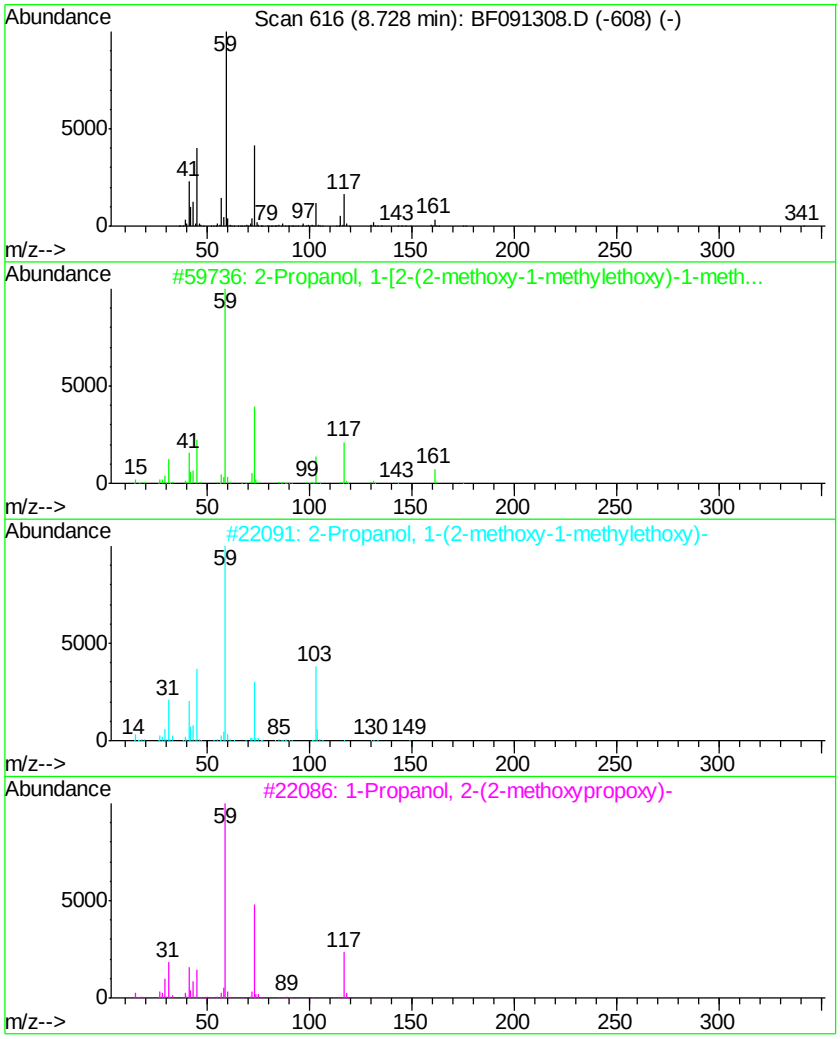
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

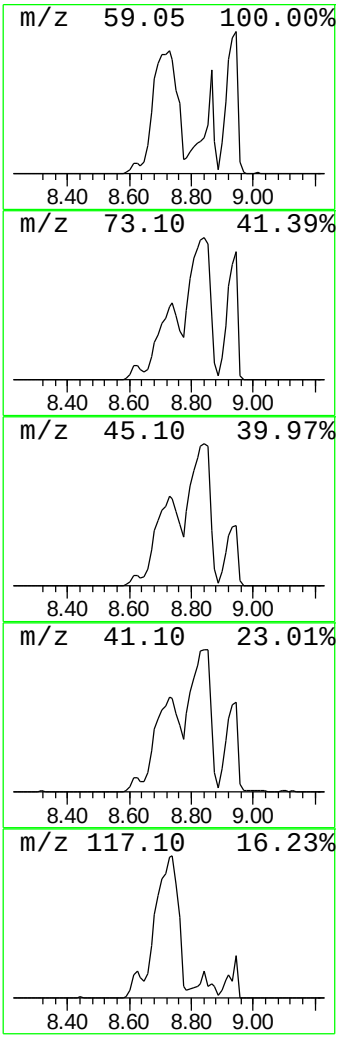
****

Peak Number 8 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	335.89 ng	48922000	Naphthalene-d8	8.17

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	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	56
3	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	53
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	53
5	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	50





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Sample : H5721-01
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Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

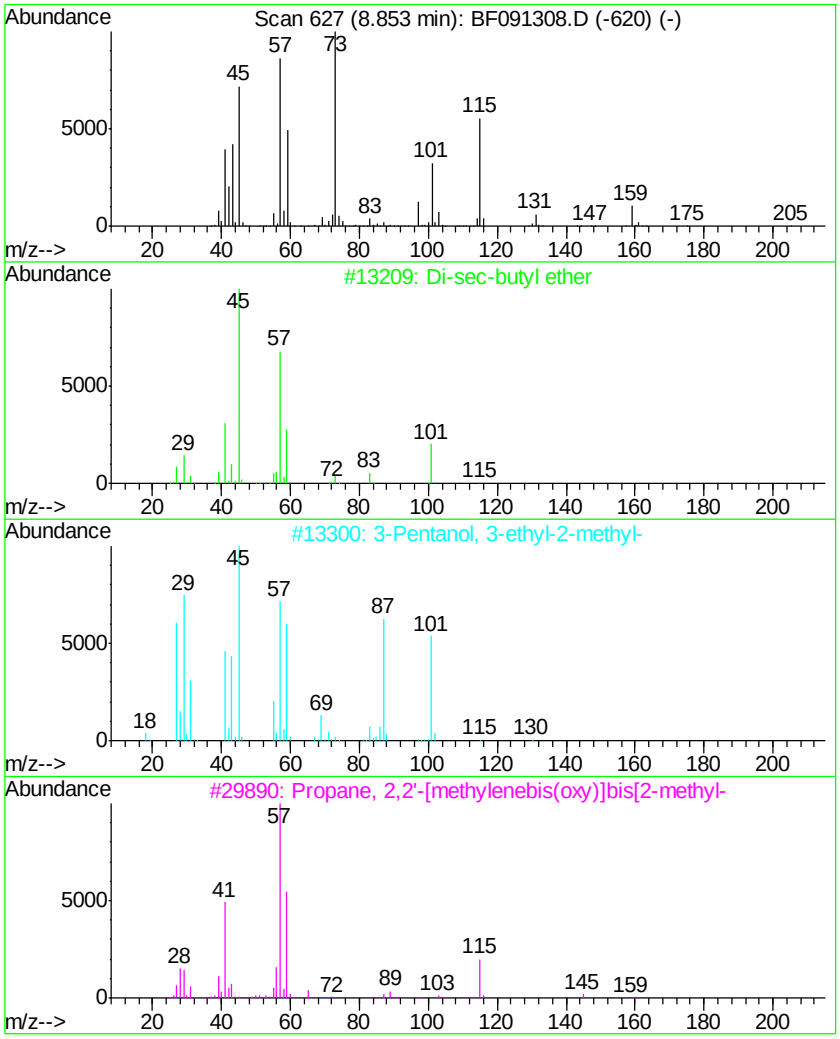
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

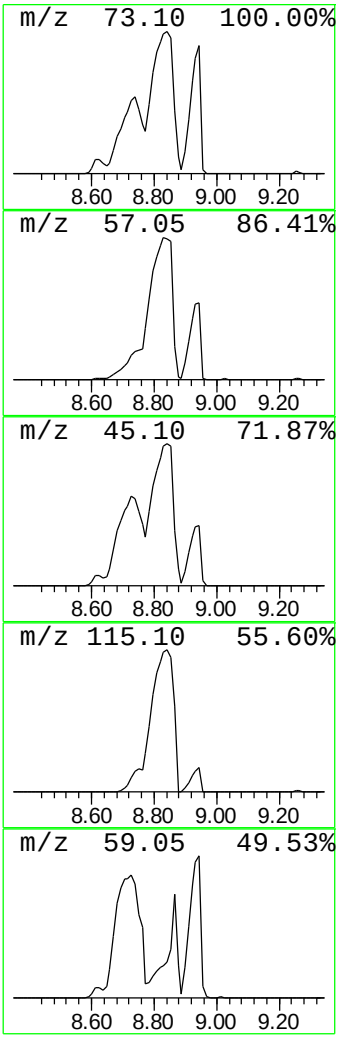
****

Peak Number 9 unknown8.85 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	464.88 ng	67708700	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	37
2	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	25
3	Propane, 2,2'-[methylenebis(oxy)...	160	C9H20O2	002568-93-6	25
4	Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	25
5	Dimethyl 3-oxoadipate	188	C8H12O5	005457-44-3	23





Library Search Compound Report

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Operator : UM/SJ
Sample : H5721-01
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

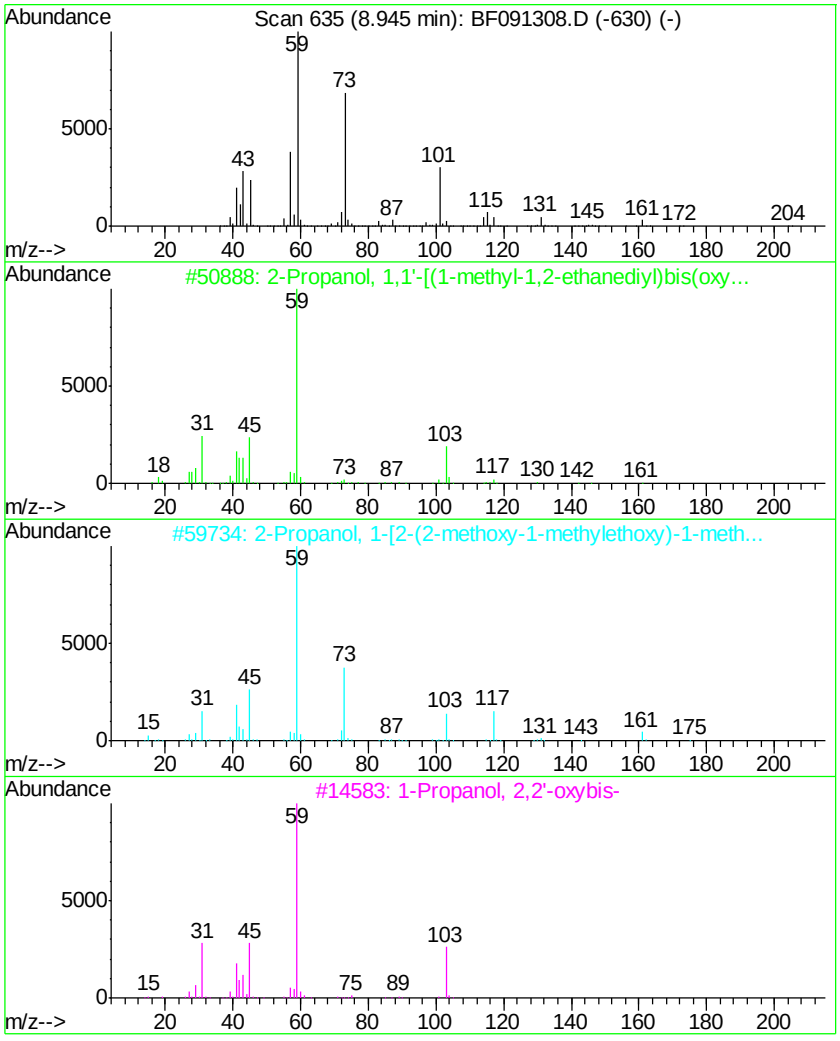
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

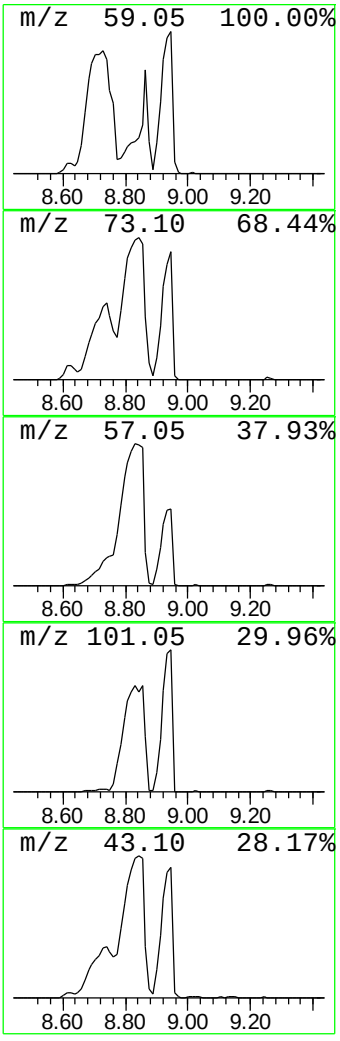
****

Peak Number 10 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	213.28 ng	31063200	Naphthalene-d8	8.17

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	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	53
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	42
5	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	42





Library Search Compound Report

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Operator : UM/SJ
Sample : H5721-01
Misc :
ALS Vial : 29 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

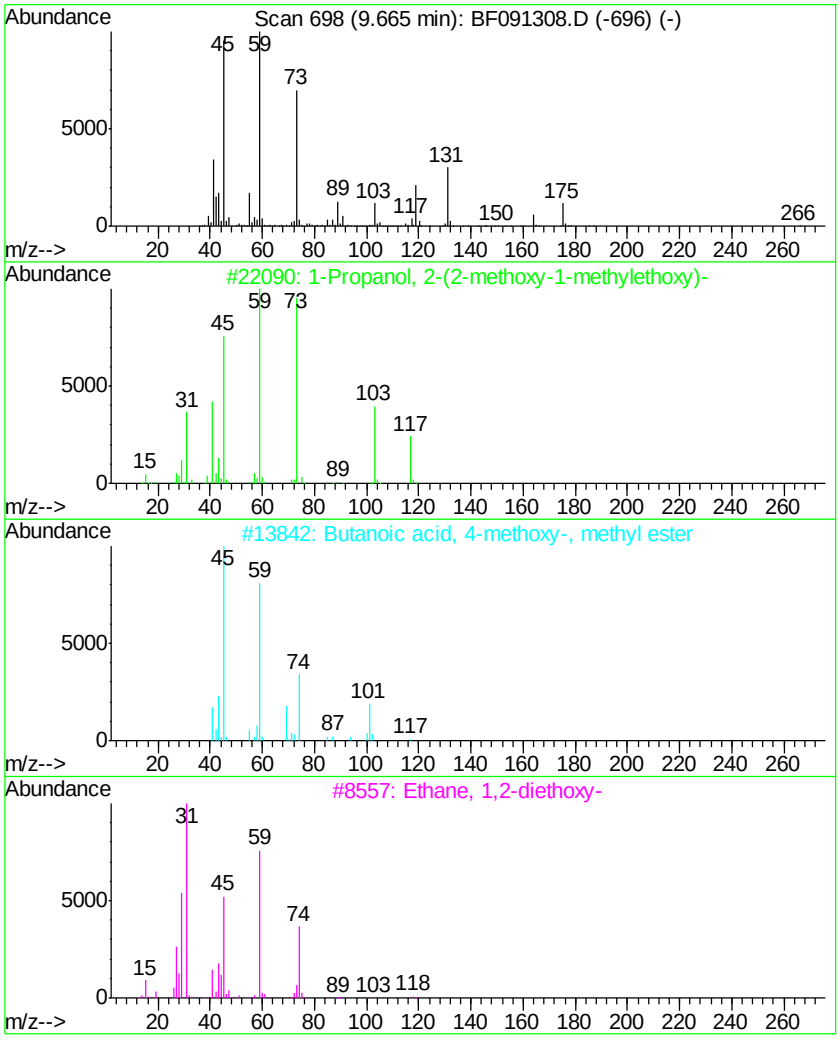
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

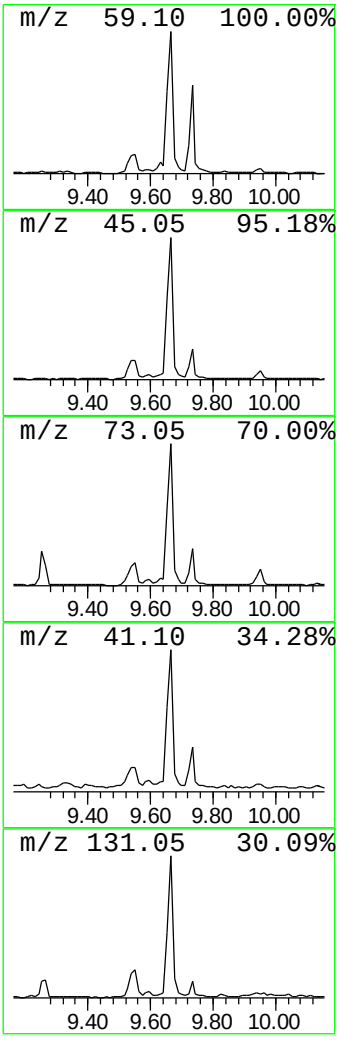
****

Peak Number 11 unknown9.66 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	8.75 ng	1405220	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	43
2	Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	38
3	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	38
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	36
5	Dipropylene glycol	134	C6H14O3	025265-71-8	36





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091308.D
Acq On : 24 Nov 2016 11:17
Operator : UM/SJ
Sample : H5721-01
Misc :
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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
unknown6.66	6.66	39.1	ng	4502590	1	6.89	2303840	20.0
2-Propanol, 1-(2-...	6.69	14.7	ng	1690450	1	6.89	2303840	20.0
Ethane, 1-ethoxy-...	6.72	8.1	ng	937356	1	6.89	2303840	20.0
Di-sec-butyl ether	6.83	81.3	ng	9359190	1	6.89	2303840	20.0
1-Propanol, 2-(2-...	8.62	16.1	ng	2347740	2	8.17	2912940	20.0
2-Propanol, 1-[2-...	8.73	335.9	ng	48922000	2	8.17	2912940	20.0
unknown8.85	8.85	464.9	ng	67708700	2	8.17	2912940	20.0
2-Propanol, 1,1'-...	8.94	213.3	ng	31063200	2	8.17	2912940	20.0
unknown9.66	9.66	8.8	ng	1405220	3	9.93	3212010	20.0