LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078920.D
Acq On : 4 May 2015 15:58
Operator : TP/IZ
Sample : G2044-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-56D

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-BF043015.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	1.267	3	7	10	rVB	1104853	1671597	46.90%	7.545%
2	1.313	10	11	18	rVB3	21354	60674	1.70%	0.274%
3	1.507	26	28	31	rVB	3142309	3564536	100.00%	16.089%
4	1.655	37	41	44	rVB	870119	1344861	37.73%	6.070%
5	1.770	50	51	54	rBV	90565	131825	3.70%	0.595%
6	1.838	54	57	60	rVB	301281	456563	12.81%	2.061%
7	1.907	60	63	79	rVB	632390	1335480	37.47%	6.028%
8	5.164	346	348	353	rVB	99891	134316	3.77%	0.606%
9	5.644	388	390	393	rBV	832170	1177443	33.03%	5.314%
10	6.902	498	500	502	rBV	1471133	1268445	35.59%	5.725%
11	7.062	512	514	517	rBV	1368161	1273118	35.72%	5.746%
12	7.359	537	540	542	rBV	454352	447763	12.56%	2.021%
13	7.542	553	556	558	rBV	1013554	903146	25.34%	4.076%
14	8.045	598	600	602	rBV	887786	764008	21.43%	3.448%
15	8.936	675	678	680	rBV	532017	597998	16.78%	2.699%
16	10.273	793	795	798	rVB	1293882	1415331	39.71%	6.388%
17	10.776	838	839	841	rBV	40815	50322	1.41%	0.227%
18	11.108	866	868	871	rVB	753014	700271	19.65%	3.161%
19	12.091	951	954	956	rBV	862841	967941	27.15%	4.369%
20	12.959	1027	1030	1032	rBV	551821	729664	20.47%	3.293%
21	14.948	1202	1204	1207	rBV	1423714	1516819	42.55%	6.846%
22	15.588	1255	1260	1262	rBV	19790	37819	1.06%	0.171%
23	16.148	1306	1309	1311	rBV	19356	39174	1.10%	0.177%
24	16.263	1316	1319	1322	rBV	722921	805524	22.60%	3.636%
25	18.080	1475	1478	1481	rBV	608038	760898	21.35%	3.434%

Sum of corrected areas: 22155536

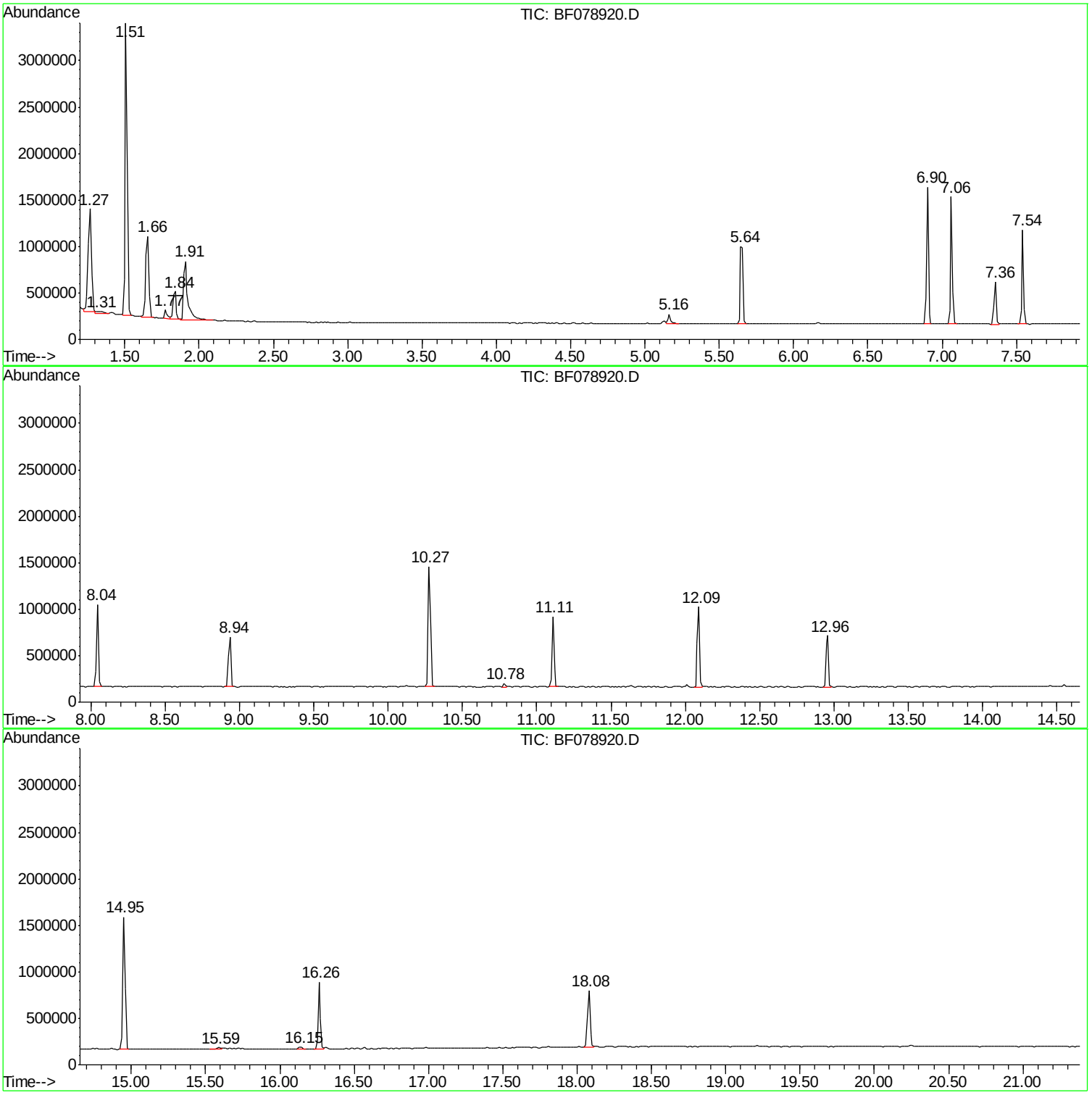
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078920.D
Acq On : 4 May 2015 15:58
Operator : TP/IZ
Sample : G2044-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-56D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF050415\
Data File : BF078920.D
Acq On : 4 May 2015 15:58
Operator : TP/IZ
Sample : G2044-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-56D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

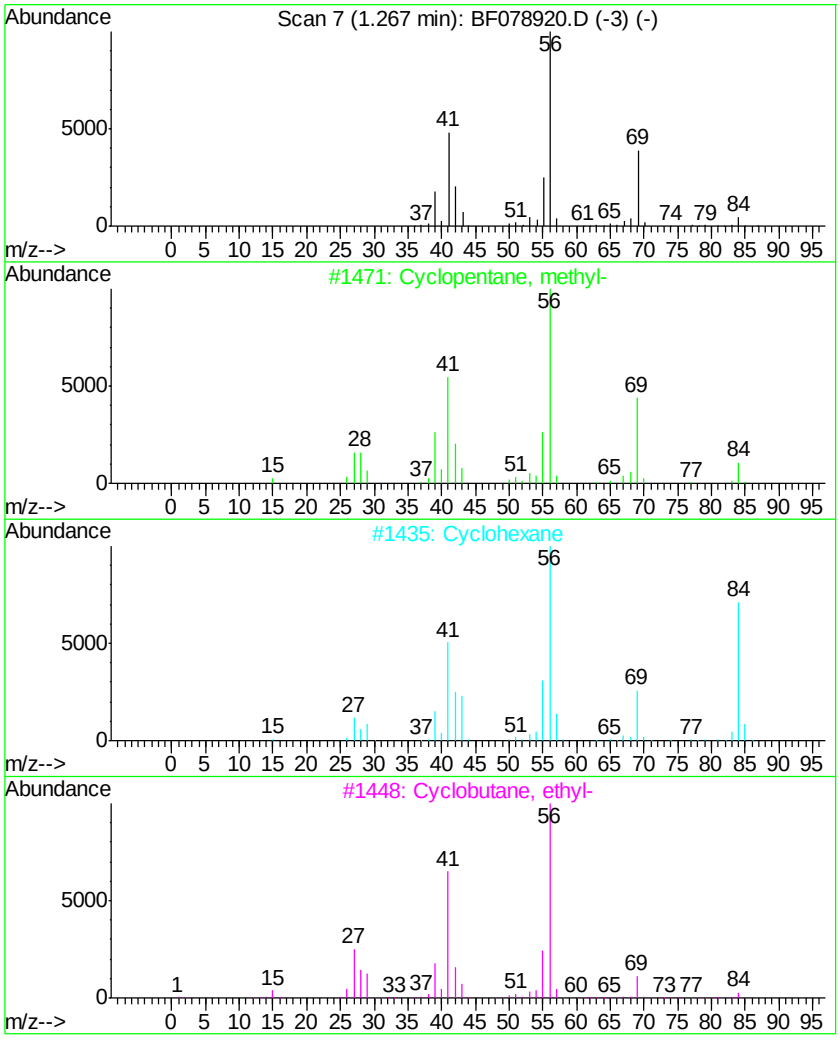
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

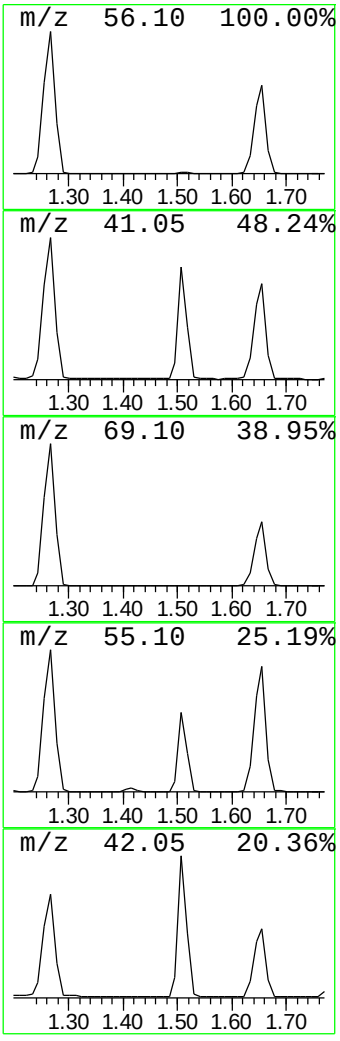
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	74.66 ng	1671600	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	59
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078920.D
Acq On : 4 May 2015 15:58
Operator : TP/IZ
Sample : G2044-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-56D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

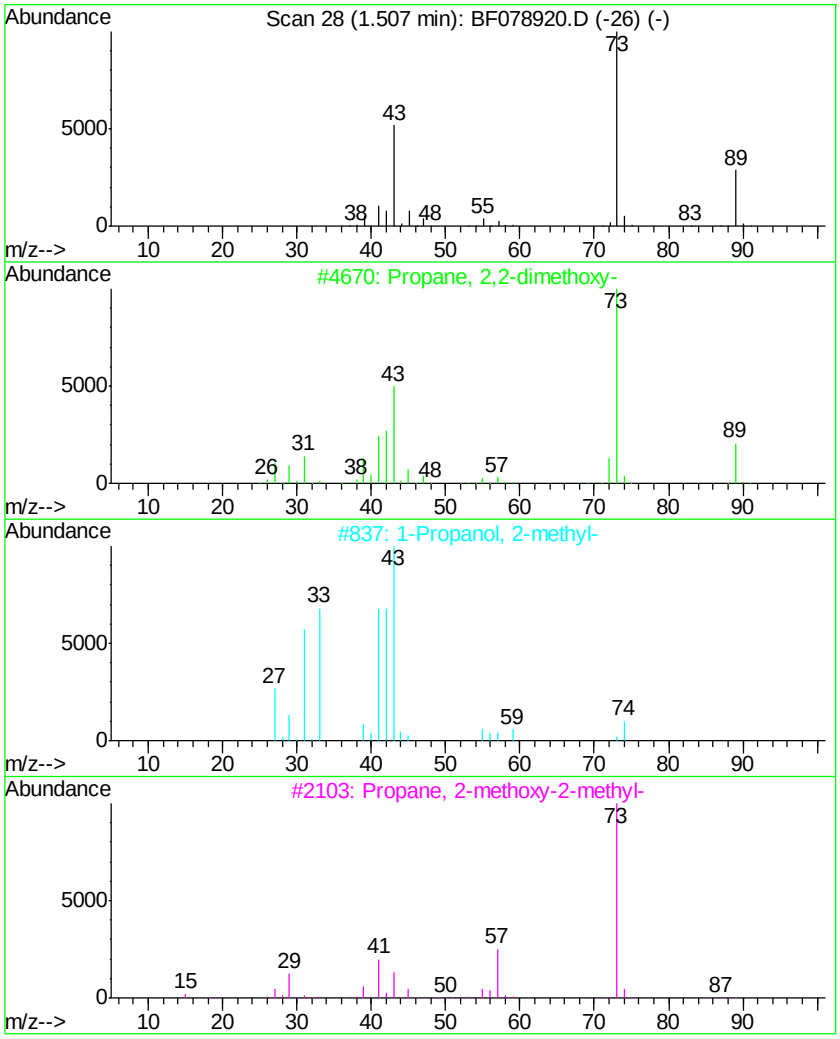
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

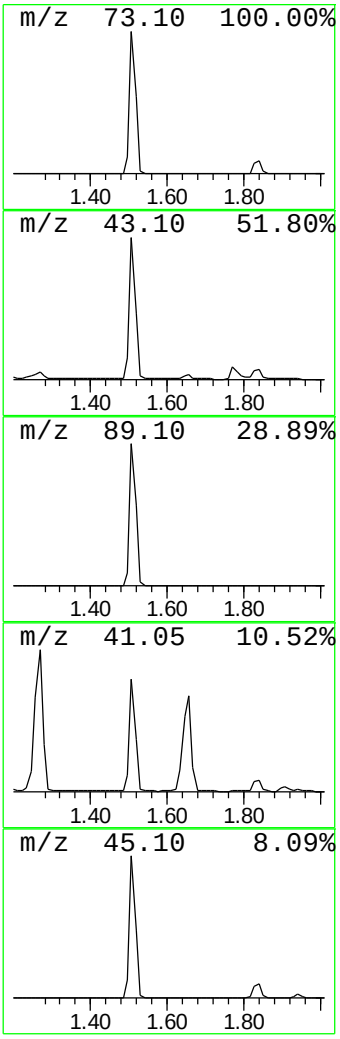
****

Peak Number 3 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.51	159.22 ng	3564540	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078920.D
Acq On : 4 May 2015 15:58
Operator : TP/IZ
Sample : G2044-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-56D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

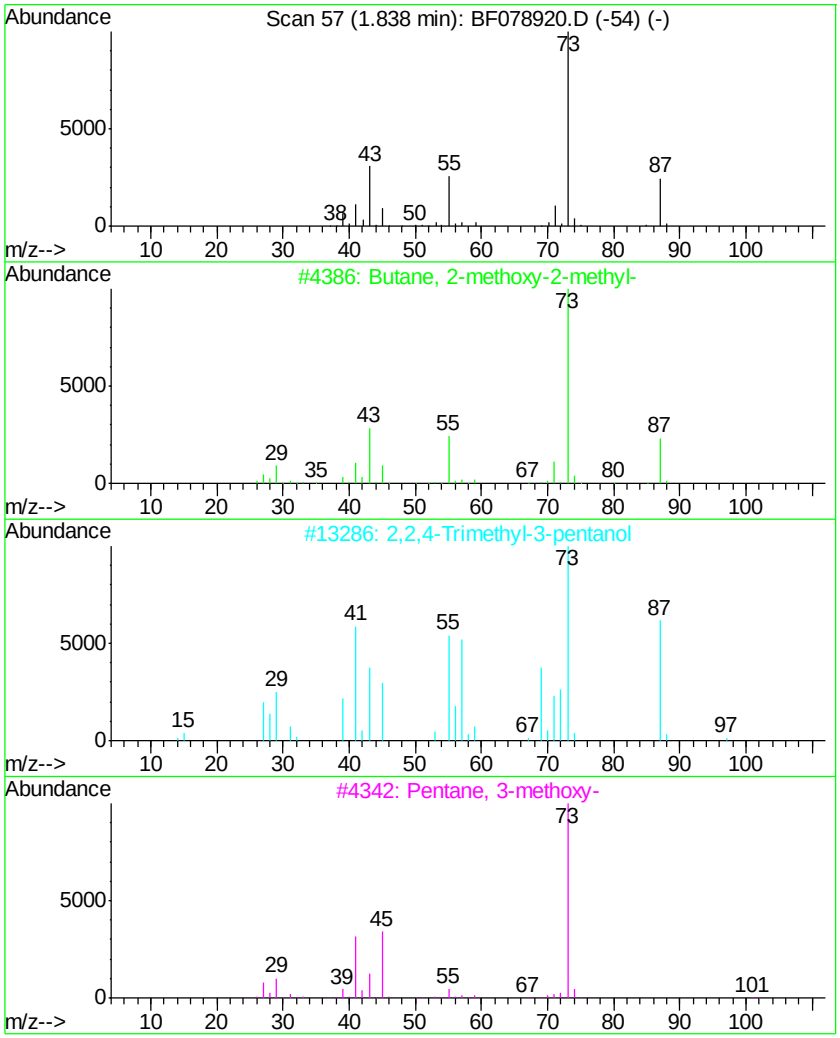
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

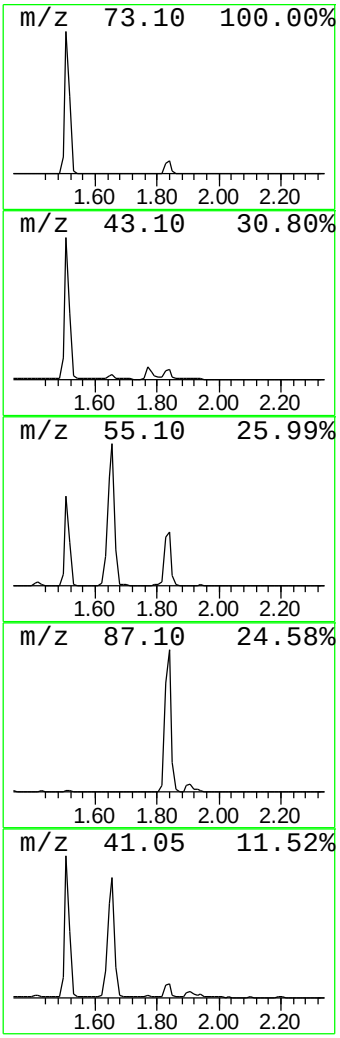
****

Peak Number 6 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.84	20.39 ng	456563	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078920.D
Acq On : 4 May 2015 15:58
Operator : TP/IZ
Sample : G2044-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-56D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

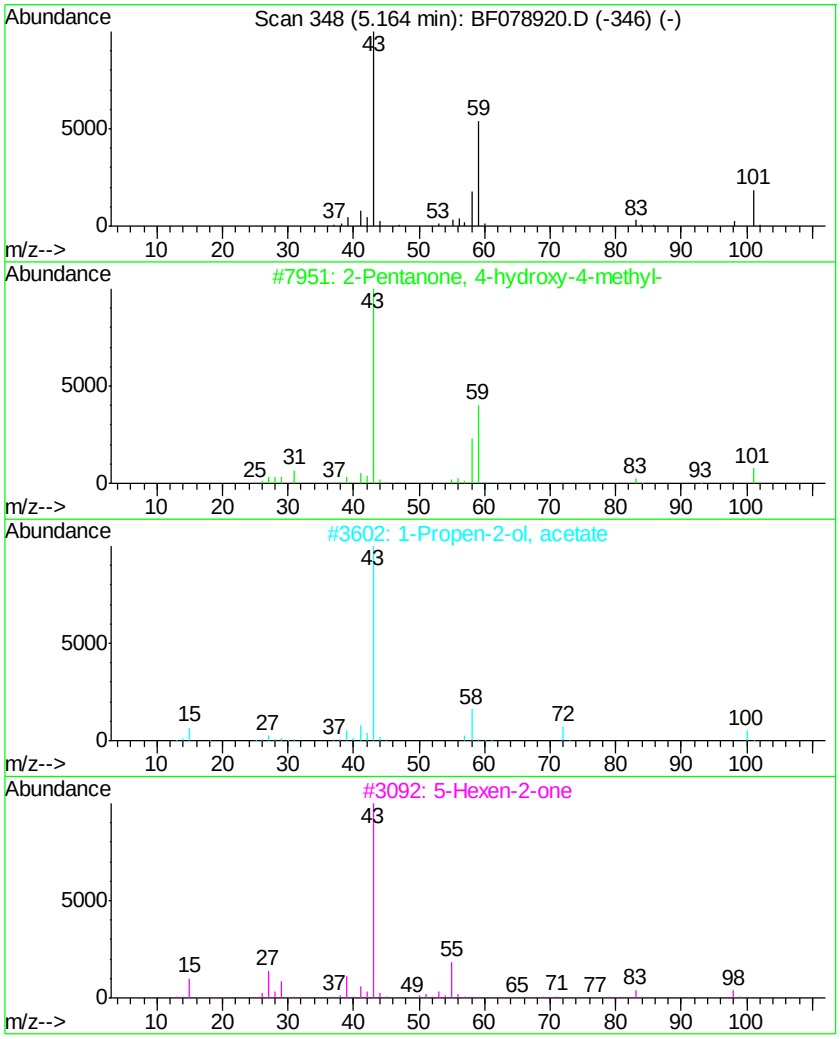
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

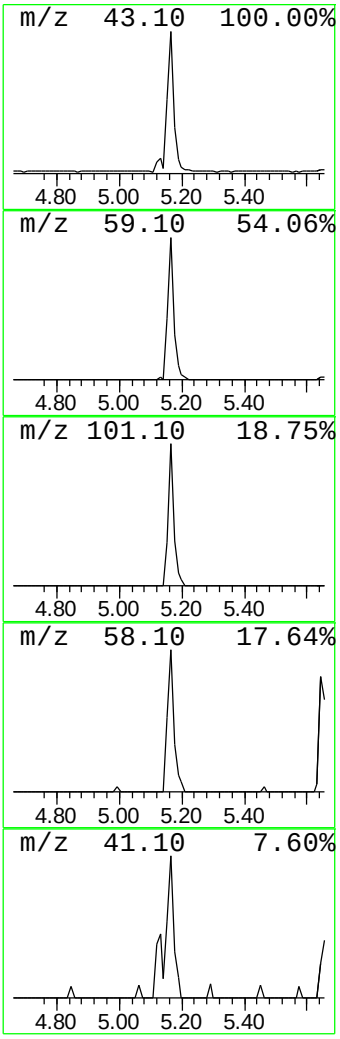
****

Peak Number 8 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	6.00 ng	134316	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	Hexanamide	115	C6H13NO	000628-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078920.D
Acq On : 4 May 2015 15:58
Operator : TP/IZ
Sample : G2044-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-56D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

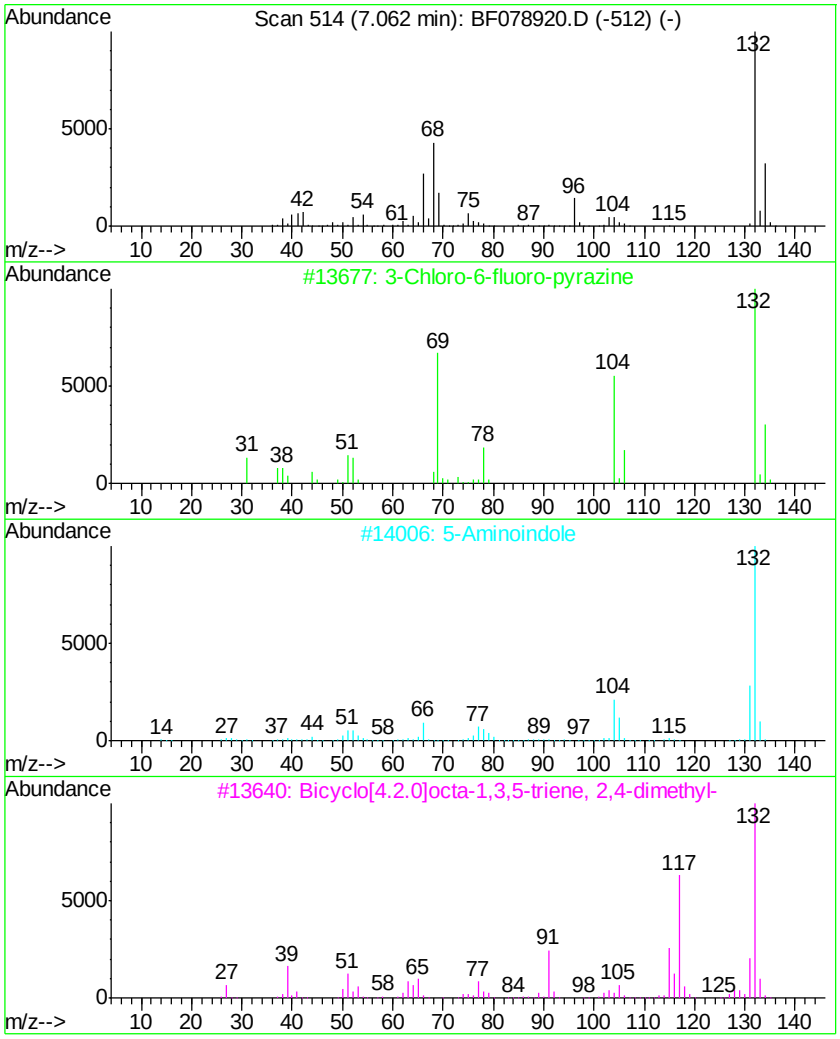
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

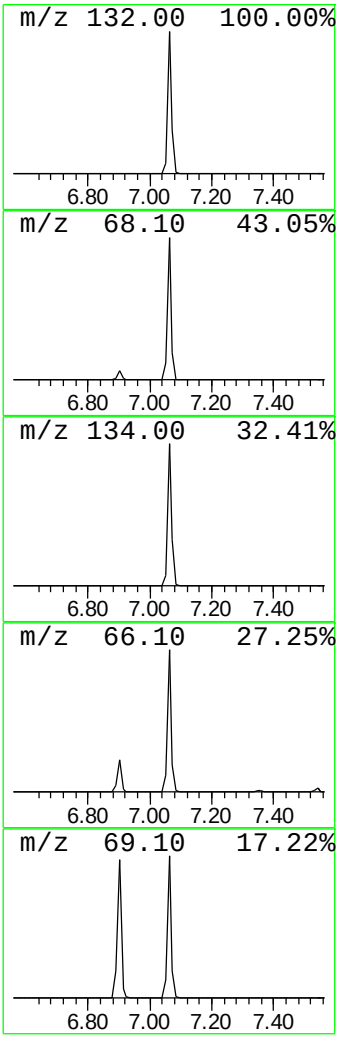
****

Peak Number 9 unknown7.06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	56.87 ng	1273120	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050415\
Data File : BF078920.D
Acq On : 4 May 2015 15:58
Operator : TP/IZ
Sample : G2044-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-56D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Cyclopentane, met...	1.27	74.7	ng	1671600	1	7.36	447763	20.0
Propane, 2,2-dime...	1.51	159.2	ng	3564540	1	7.36	447763	20.0
Butane, 2-methoxy...	1.84	20.4	ng	456563	1	7.36	447763	20.0
2-Pentanone, 4-hy...	5.16	6.0	ng	134316	1	7.36	447763	20.0
unknown7.06	7.06	56.9	ng	1273120	1	7.36	447763	20.0