LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021771.D
Acq On : 20 Apr 2016 1:36
Operator : UM/SJ
Sample : H2569-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-B1

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-BG041316.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	3.093	38	43	61	rVB	1740575	2448502	100.00%	20.647%
2	3.358	84	88	96	rVB	17273	24904	1.02%	0.210%
3	5.285	410	416	423	rBV	29360	45177	1.85%	0.381%
4	5.761	490	497	505	rBV	398162	640269	26.15%	5.399%
5	7.365	759	770	779	rBV	428223	750484	30.65%	6.329%
6	7.741	826	834	845	rBV	408126	701966	28.67%	5.919%
7	8.211	907	914	926	rBV	85768	148519	6.07%	1.252%
8	8.534	962	969	979	rVB	285793	500005	20.42%	4.216%
9	9.380	1103	1113	1126	rBV	254849	472745	19.31%	3.986%
10	11.025	1386	1393	1402	rBV	131440	243033	9.93%	2.049%
11	13.446	1798	1805	1815	rVB	712883	1107100	45.22%	9.336%
12	14.257	1937	1943	1950	rBV	114380	169785	6.93%	1.432%
13	14.821	2032	2039	2047	rVB2	231088	376712	15.39%	3.177%
14	15.632	2173	2177	2182	rVB	30183	40254	1.64%	0.339%
15	16.301	2285	2291	2304	rVB	553073	874145	35.70%	7.371%
16	16.489	2319	2323	2332	rBV	33802	60898	2.49%	0.514%
17	17.283	2452	2458	2463	rBV	25750	34330	1.40%	0.289%
18	17.553	2496	2504	2511	rBV	292598	454268	18.55%	3.831%
19	20.138	2938	2944	2950	rBV	1200103	1501386	61.32%	12.661%
20	21.431	3159	3164	3174	rBV	95945	149218	6.09%	1.258%
21	21.824	3223	3231	3238	rBV	315420	536831	21.92%	4.527%
22	23.323	3480	3486	3492	rBV2	29632	61805	2.52%	0.521%
23	25.156	3788	3798	3810	rBV2	184722	516378	21.09%	4.354%

Sum of corrected areas: 11858714

LSC Report - Integrated Chromatogram

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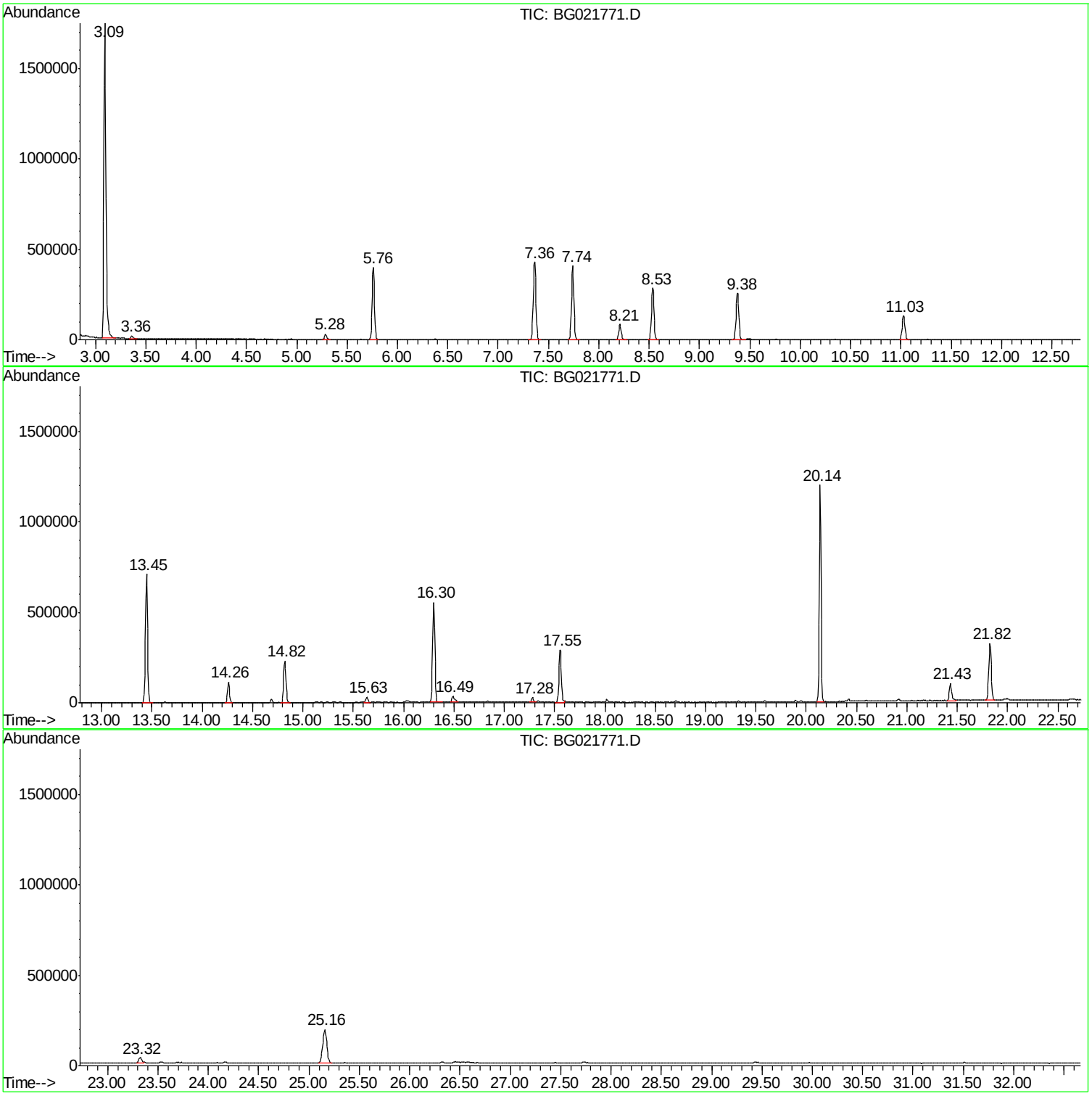
Operator : UM/SJ
Sample : H2569-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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\BG042016\
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Acq On : 20 Apr 2016 1:36
Operator : UM/SJ
Sample : H2569-05
Misc :
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ClientSampleId : LCF-B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

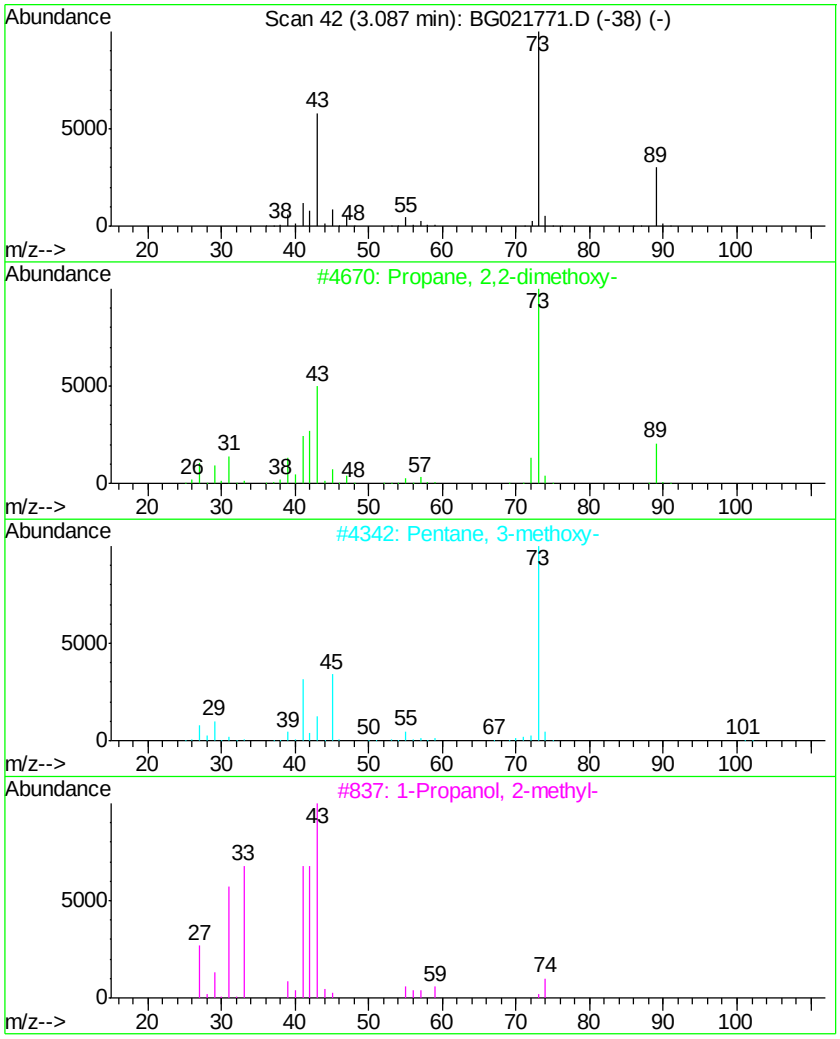
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

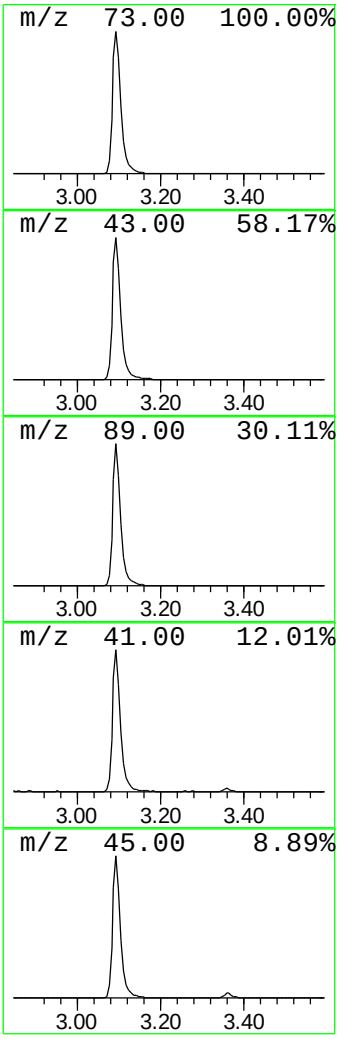
****

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	329.72 ng	2448500	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





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Data File : BG021771.D
Acq On : 20 Apr 2016 1:36
Operator : UM/SJ
Sample : H2569-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

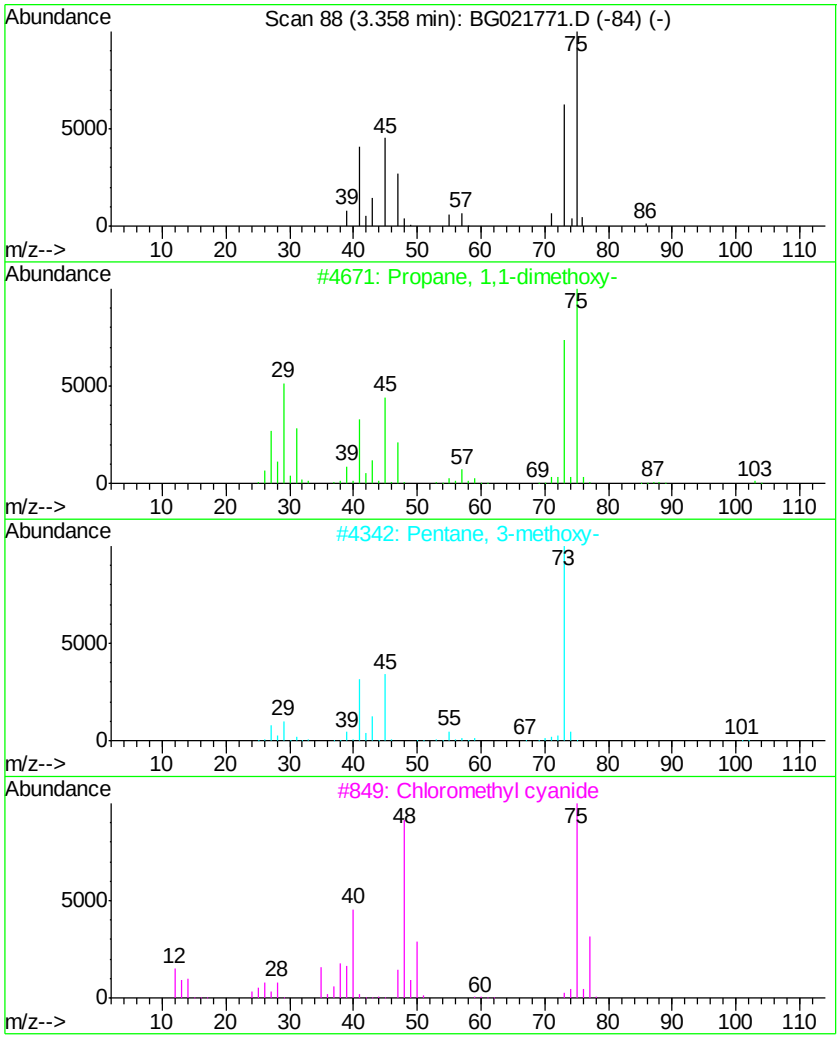
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

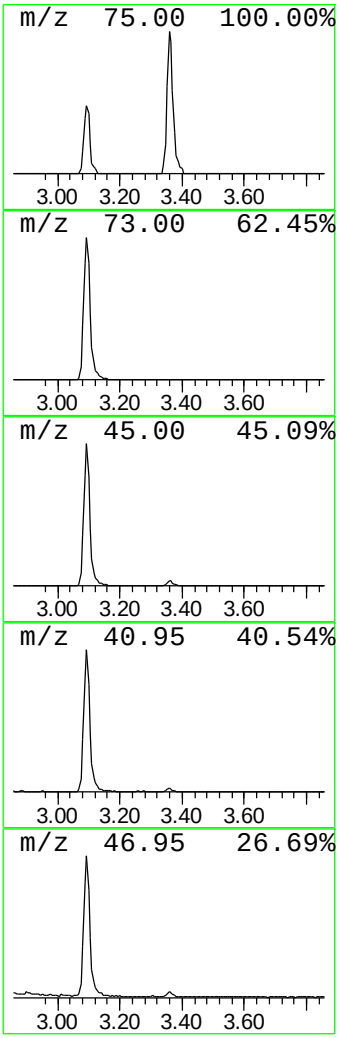
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	3.35 ng	24904	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Chloromethyl cyanide	75	C2H2ClN	000107-14-2	5
4	Glycine	75	C2H5NO2	000056-40-6	5
5	Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	4





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021771.D
Acq On : 20 Apr 2016 1:36
Operator : UM/SJ
Sample : H2569-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

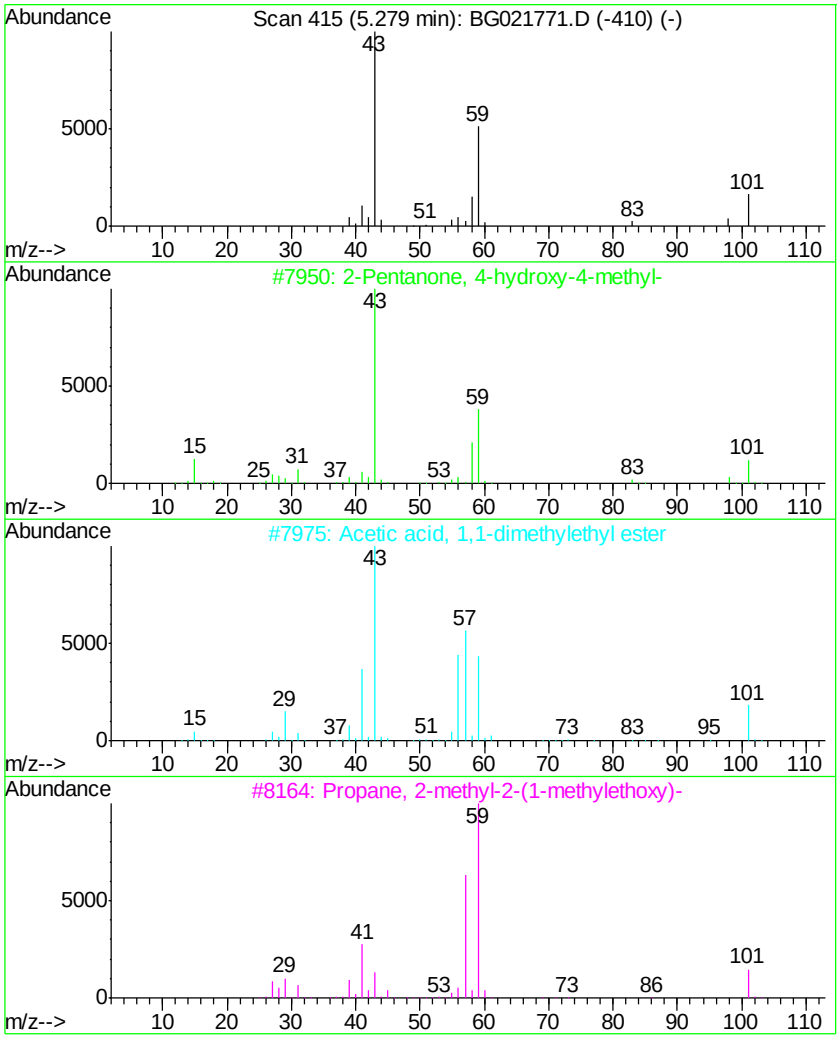
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

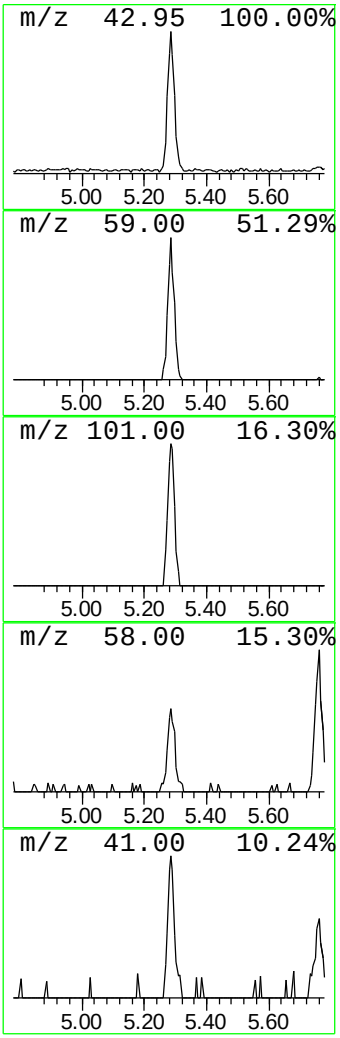
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	6.08 ng	45177	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021771.D
Acq On : 20 Apr 2016 1:36
Operator : UM/SJ
Sample : H2569-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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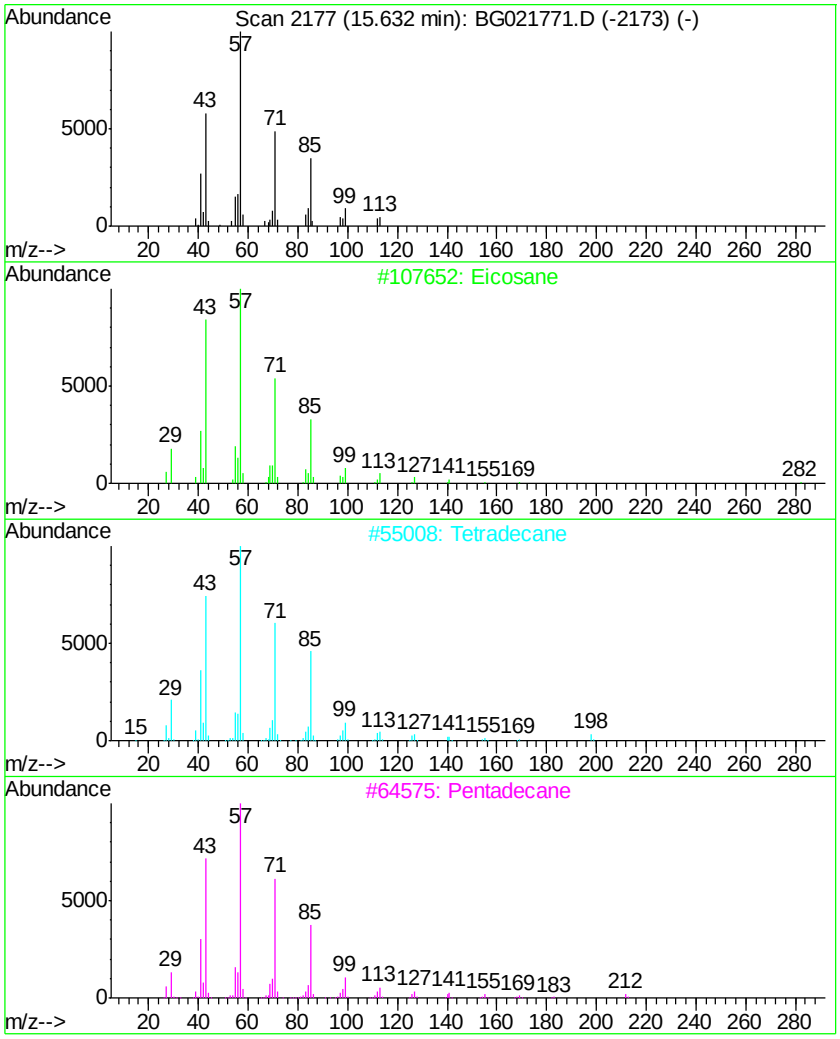
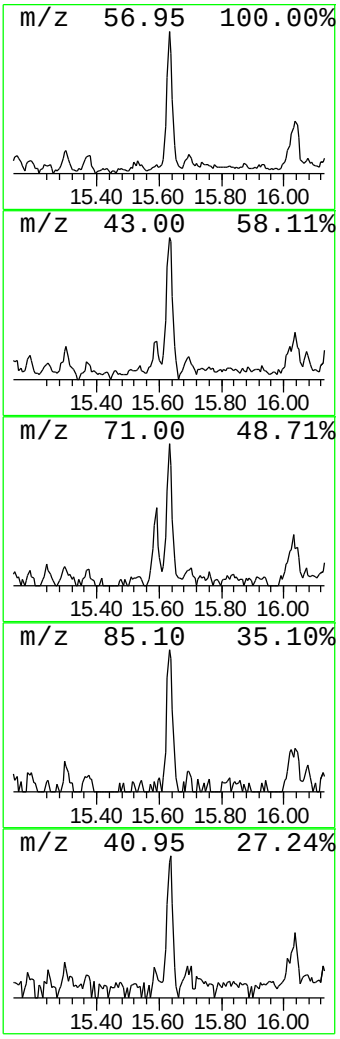
Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.14 ng	40254	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tridecane	184	C13H28	000629-50-5	83
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
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Operator : UM/SJ
Sample : H2569-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

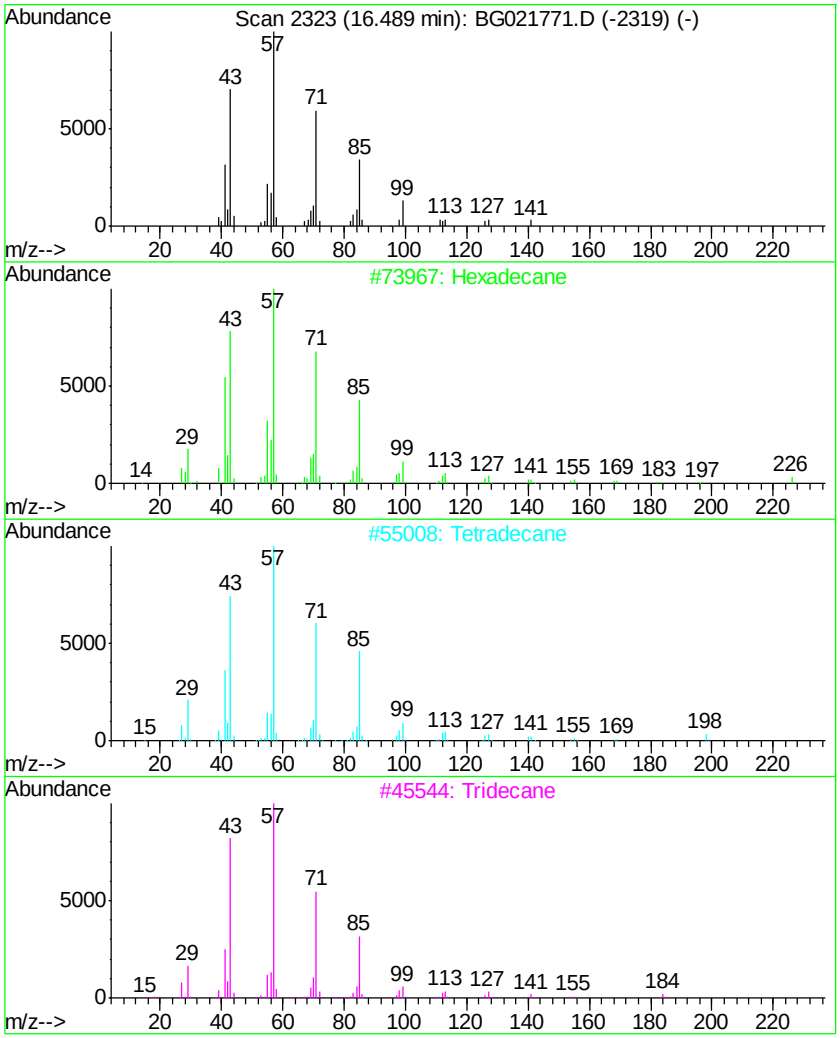
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

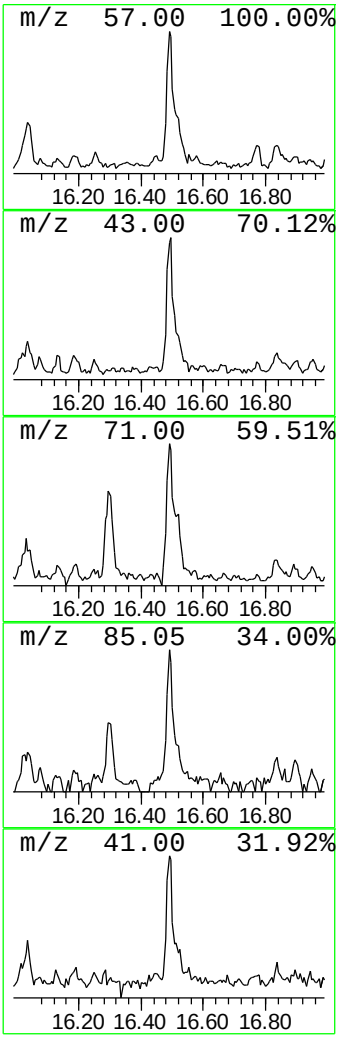
****

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.68 ng	60898	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Heptadecane	240	C17H36	000629-78-7	80





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Misc :
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Instrument : BNA_G
ClientSampleId : LCF-B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
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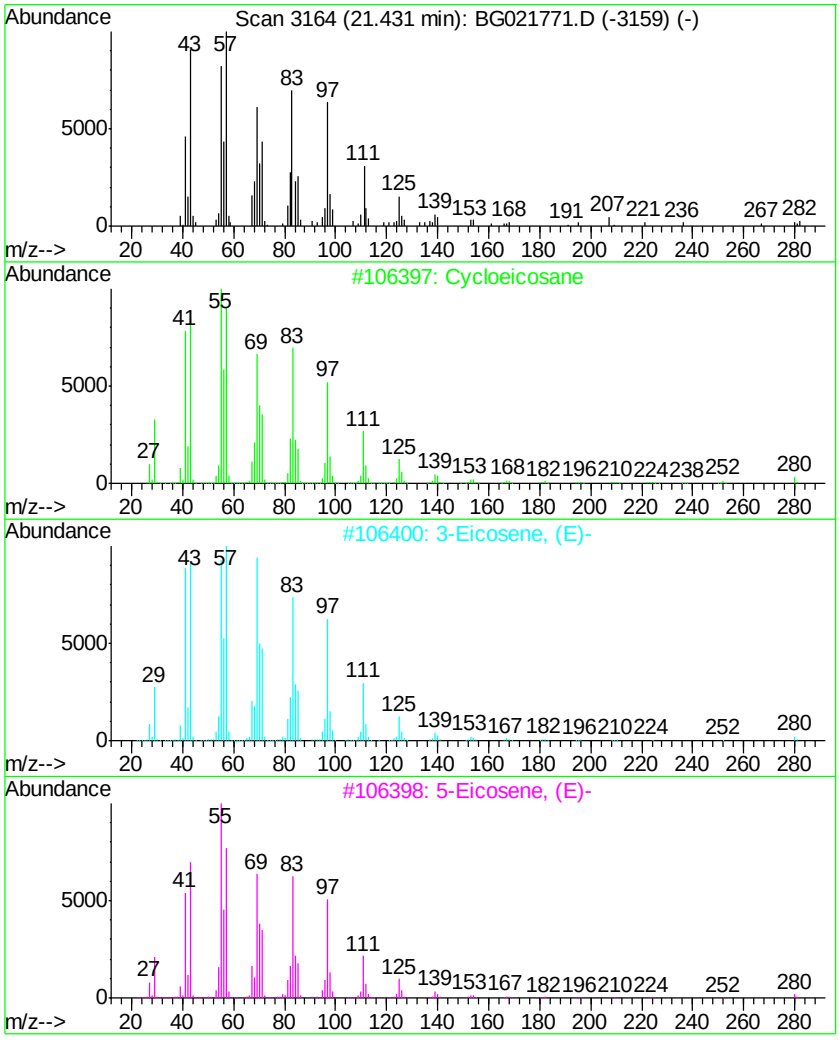
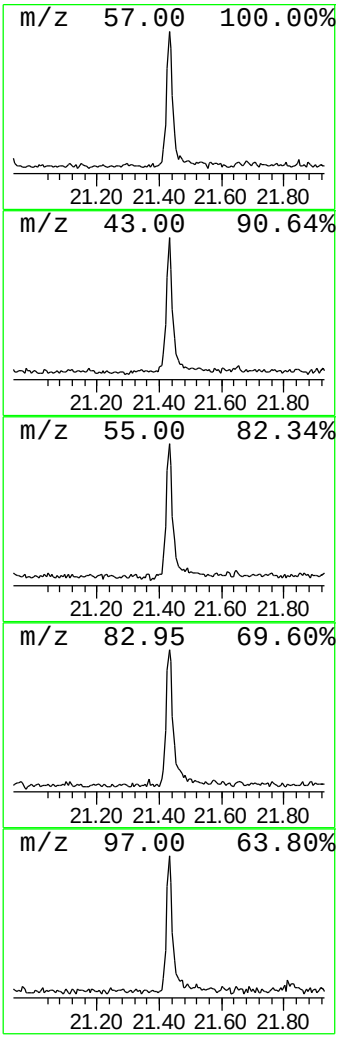
****

Peak Number 8 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	5.56 ng	149218	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	1-Docosene	308	C22H44	001599-67-3	91





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Sample : H2569-05
Misc :
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Instrument : BNA_G
ClientSampleId : LCF-B1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

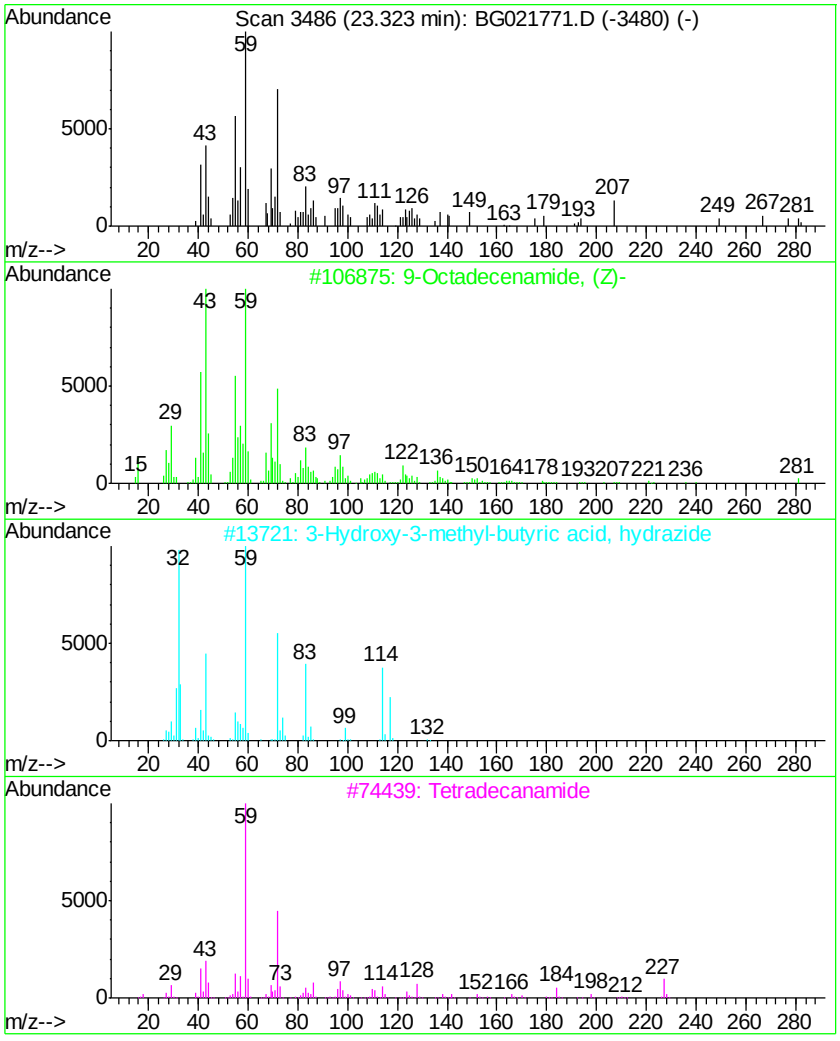
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

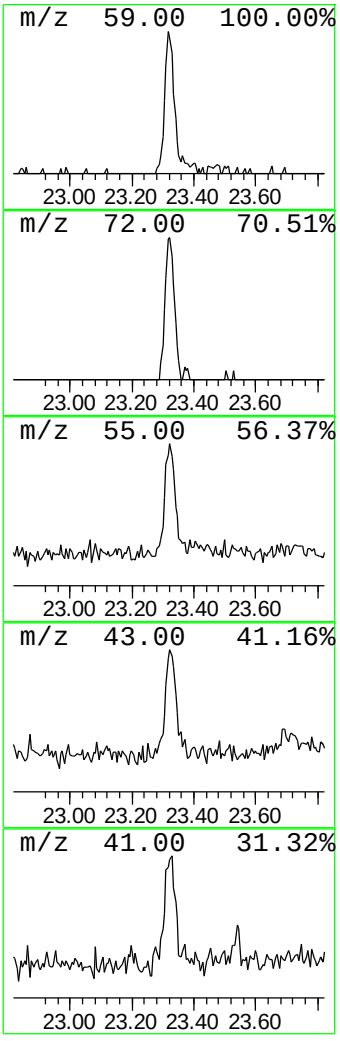
****

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	2.30 ng	61805	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	3-Hydroxy-3-methyl-butyric acid,...	132	C5H12N2O2	1000193-80-2	53
3	Tetradecanamide	227	C14H29NO	000638-58-4	47
4	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	35
5	Diazene, bis[3-(4-methoxycarbony...	282	C8H6N6O6	339246-68-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042016\
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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
unknown3.09	3.09	329.7	ng	2448500	1	8.21	148519	20.0
Propane, 1,1-dime...	3.36	3.4	ng	24904	1	8.21	148519	20.0
2-Pentanone, 4-hy...	5.28	6.1	ng	45177	1	8.21	148519	20.0
Eicosane	15.63	2.1	ng	40254	3	14.82	376712	20.0
Hexadecane	16.49	2.7	ng	60898	4	17.55	454268	20.0
Cycloeicosane	21.43	5.6	ng	149218	5	21.82	536831	20.0
9-Octadecenamide,...	23.32	2.3	ng	61805	5	21.82	536831	20.0