LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121315\
Data File : BG020140.D
Acq On : 13 Dec 2015 12:05
Operator : UM/SJ
Sample : G4772-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-9A

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-BG120215.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	2.974	18	23	45	rVB	1808869	2474186	100.00%	21.315%
2	5.171	392	397	404	rBV	85475	129347	5.23%	1.114%
3	5.647	471	478	487	rVB	384408	598355	24.18%	5.155%
4	7.251	742	751	759	rBV	406639	682077	27.57%	5.876%
5	7.627	808	815	821	rBV	394779	651211	26.32%	5.610%
6	8.097	889	895	901	rVB2	69651	116187	4.70%	1.001%
7	8.421	944	950	962	rVB	267385	465091	18.80%	4.007%
8	9.267	1086	1094	1104	rBV	235476	414881	16.77%	3.574%
9	10.912	1367	1374	1381	rBV	97159	170546	6.89%	1.469%
10	13.350	1782	1789	1798	rBV	676044	1020962	41.26%	8.796%
11	14.173	1923	1929	1938	rBV	95198	136841	5.53%	1.179%
12	14.725	2016	2023	2030	rVB2	169868	274137	11.08%	2.362%
13	16.211	2267	2276	2284	rBV	744799	1088130	43.98%	9.374%
14	17.469	2483	2490	2495	rBV	273658	397479	16.07%	3.424%
15	18.338	2634	2638	2645	rBV2	48862	65061	2.63%	0.561%
16	19.602	2849	2853	2859	rBV2	18212	25790	1.04%	0.222%
17	20.072	2926	2933	2939	rBV	1466123	1879708	75.97%	16.194%
18	21.358	3147	3152	3165	rBV	67101	119688	4.84%	1.031%
19	21.734	3209	3216	3223	rBV	286203	467826	18.91%	4.030%
20	25.001	3760	3772	3784	rBV2	155942	430012	17.38%	3.705%

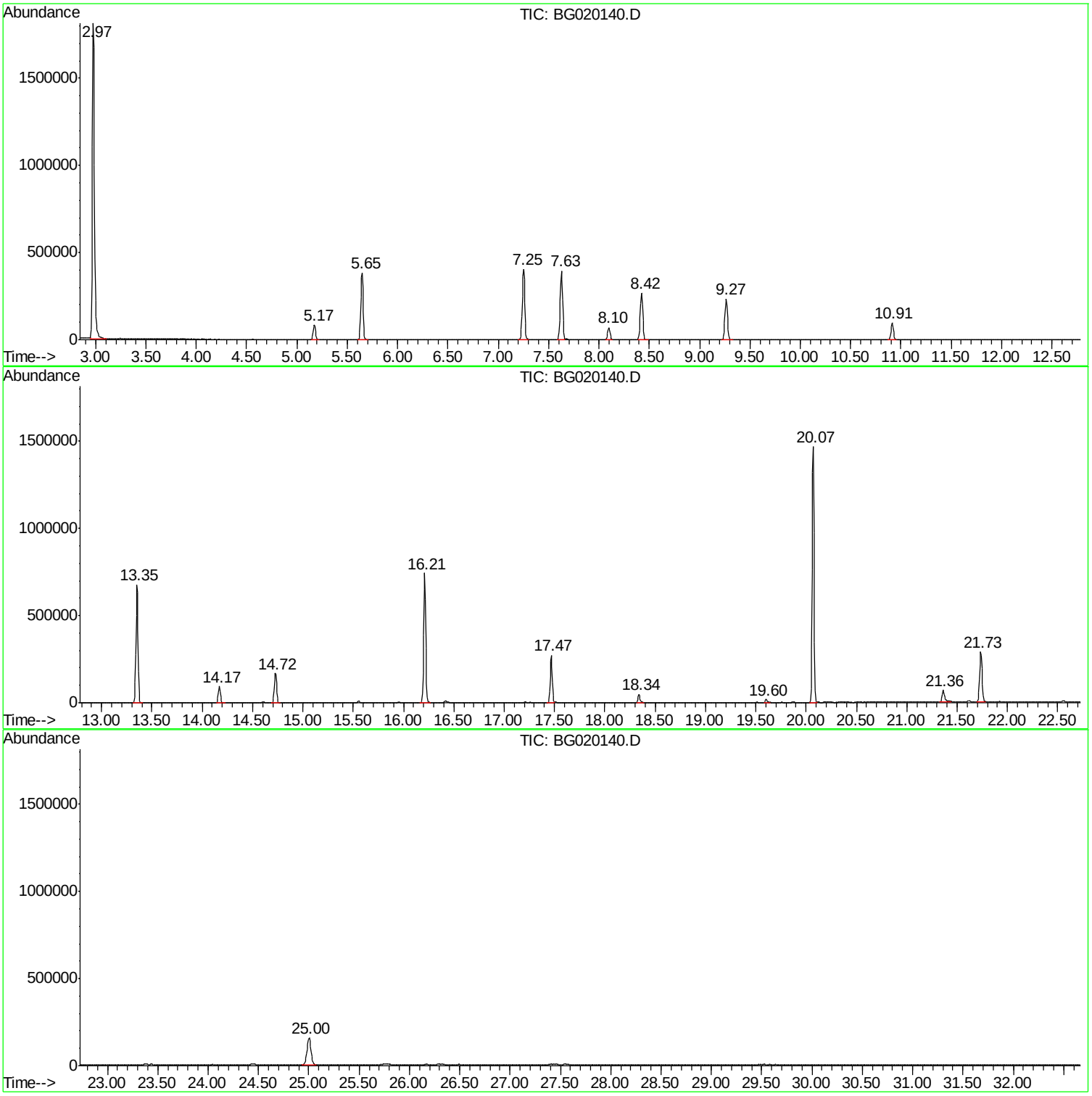
Sum of corrected areas: 11607515

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121315\
Data File : BG020140.D
Acq On : 13 Dec 2015 12:05
Operator : UM/SJ
Sample : G4772-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-9A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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\BG121315\
Data File : BG020140.D
Acq On : 13 Dec 2015 12:05
Operator : UM/SJ
Sample : G4772-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-9A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

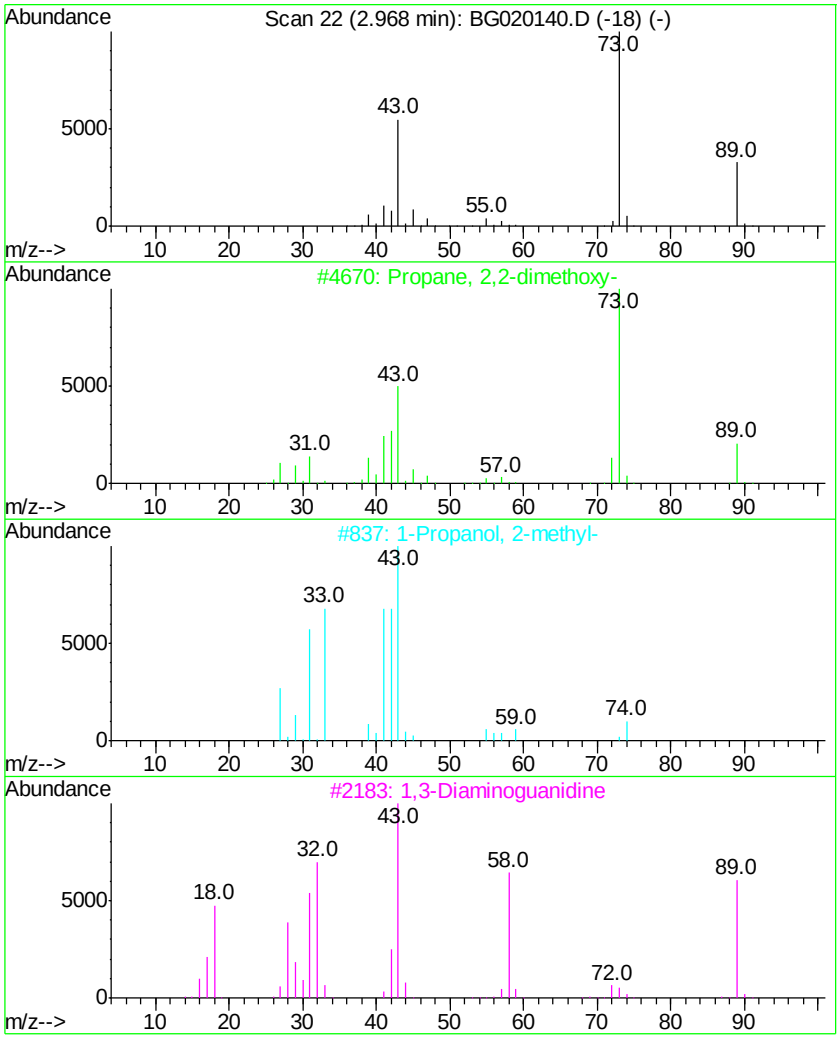
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

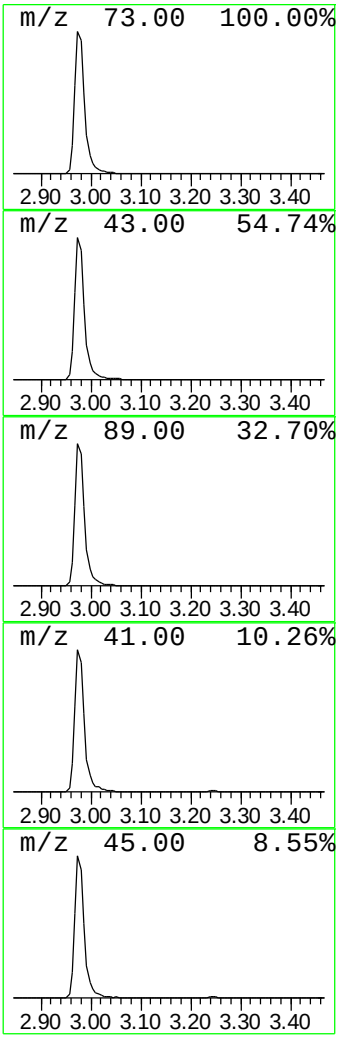
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	425.90 ng	2474190	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121315\
Data File : BG020140.D
Acq On : 13 Dec 2015 12:05
Operator : UM/SJ
Sample : G4772-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-9A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

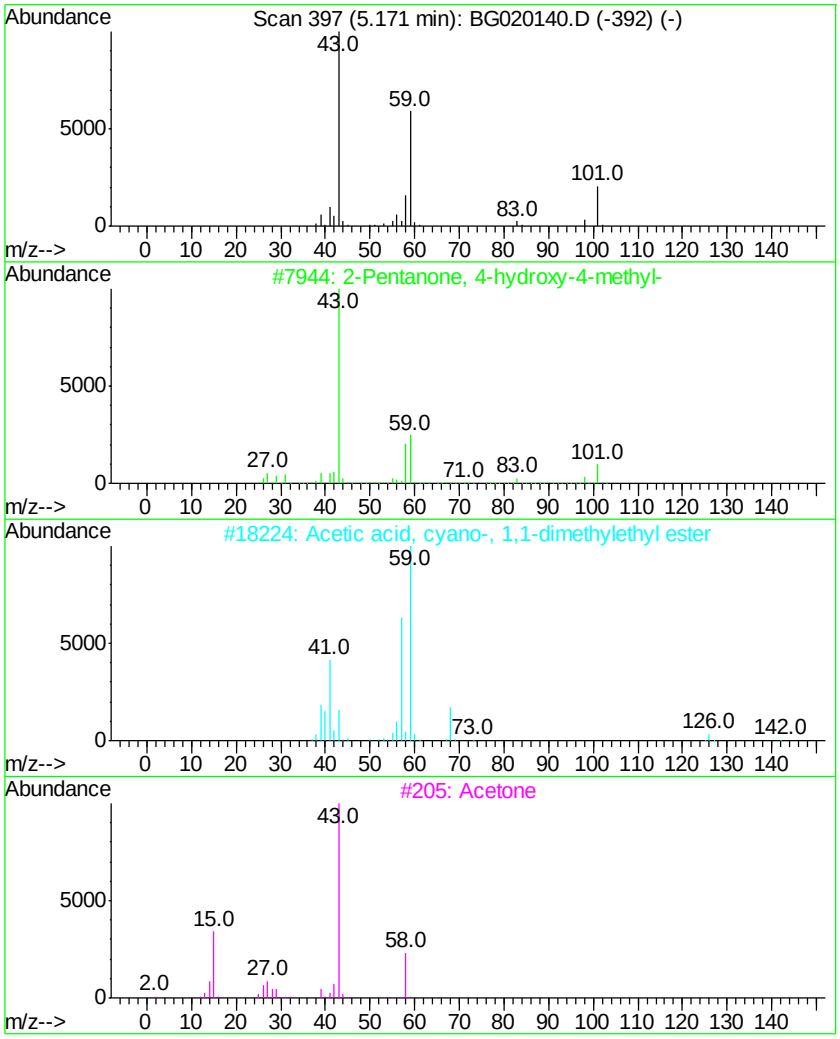
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

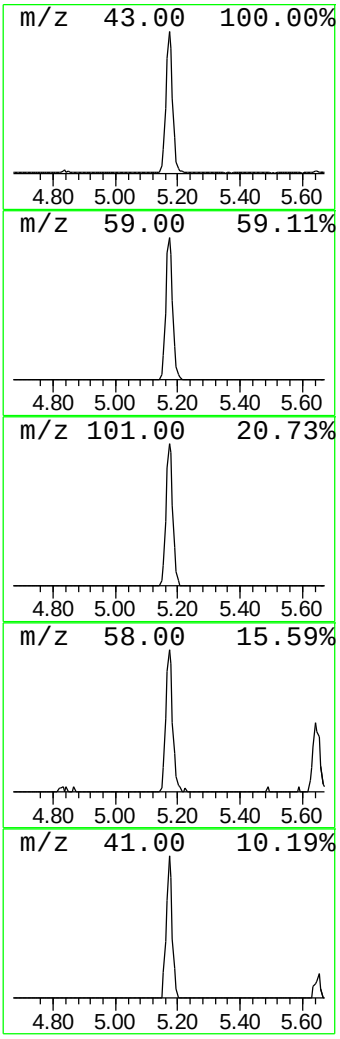
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	22.27 ng	129347	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Acetone	58	C3H6O	000067-64-1	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121315\
Data File : BG020140.D
Acq On : 13 Dec 2015 12:05
Operator : UM/SJ
Sample : G4772-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-9A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

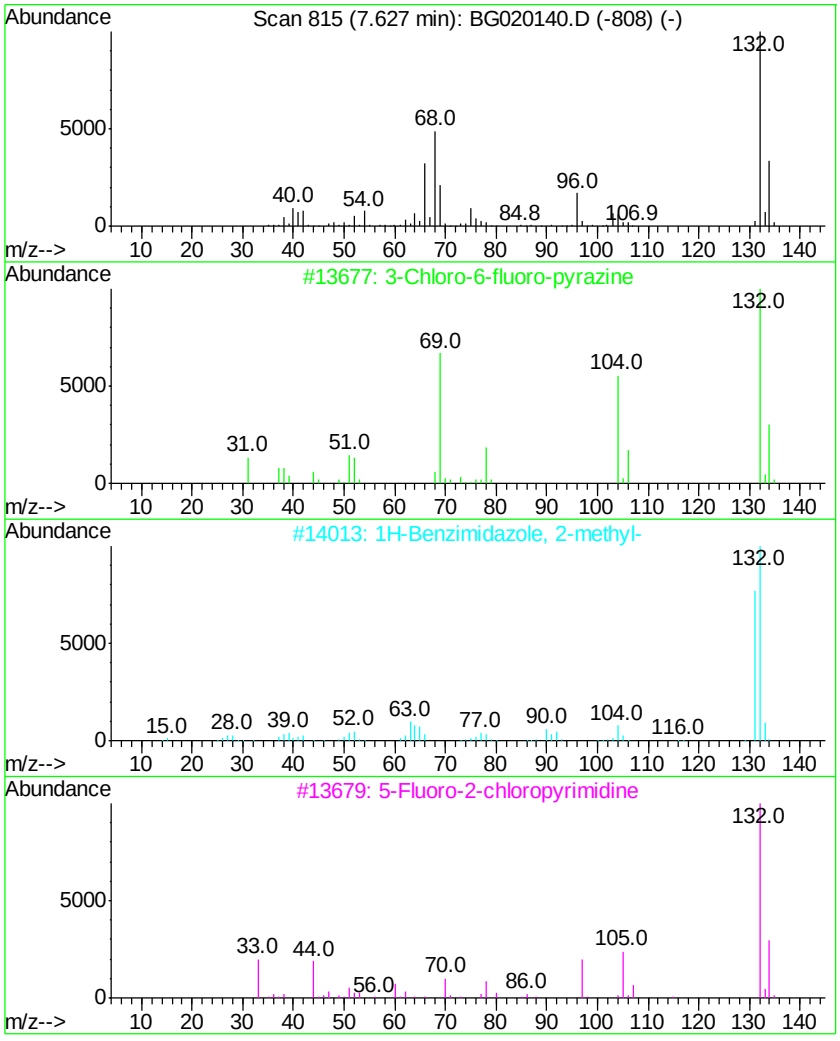
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

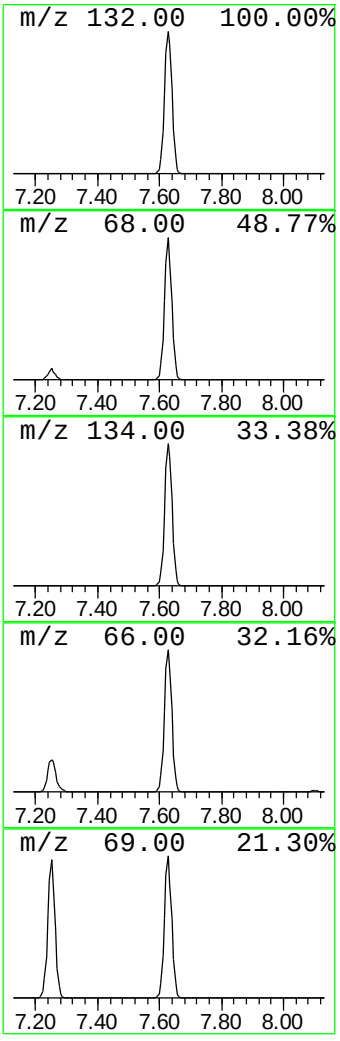
****

Peak Number 3 unknown7.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	112.10 ng	651211	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121315\
Data File : BG020140.D
Acq On : 13 Dec 2015 12:05
Operator : UM/SJ
Sample : G4772-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-9A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

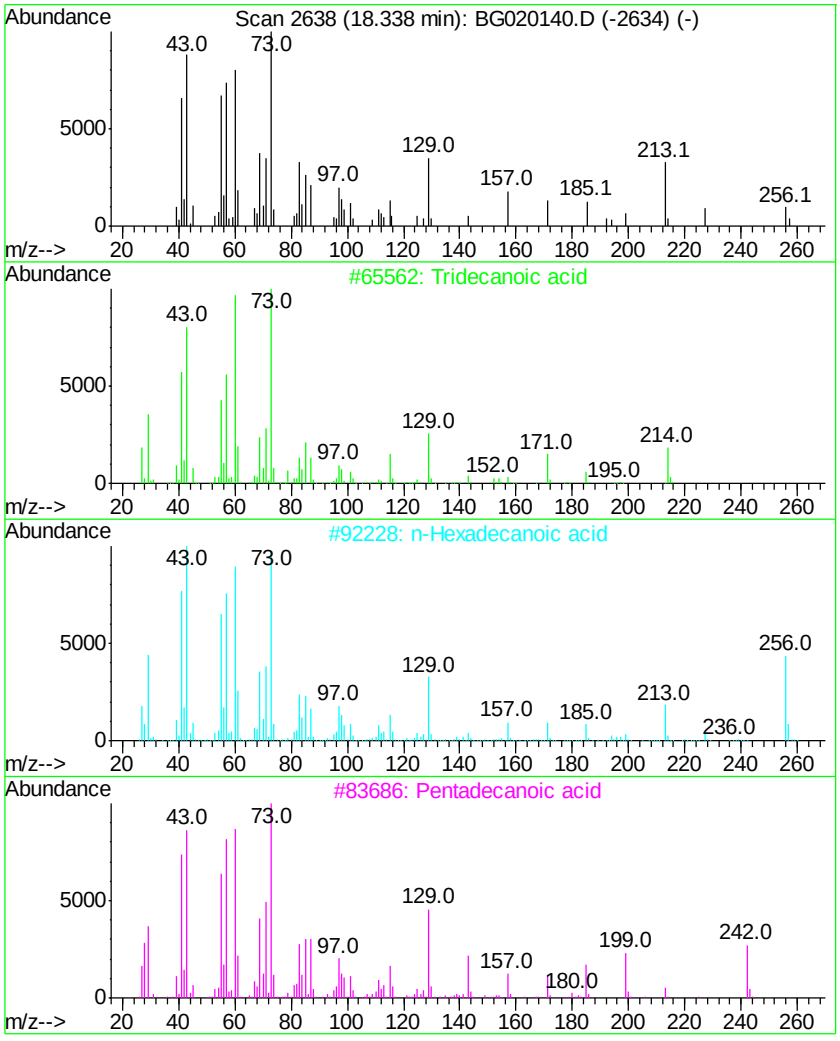
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

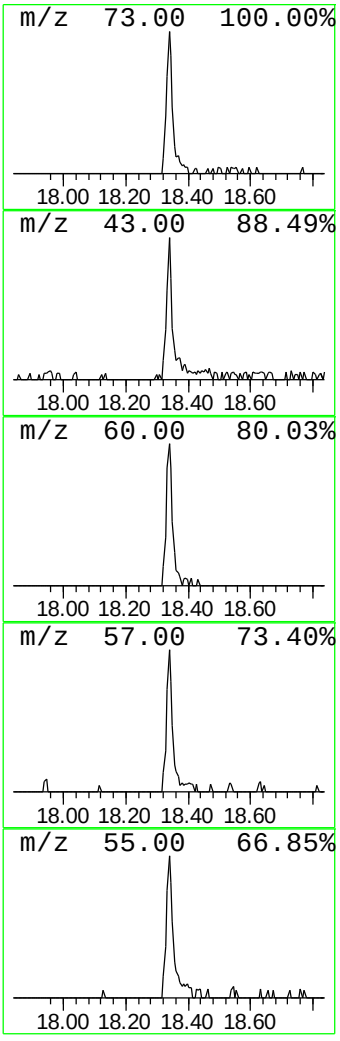
****

Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.27 ng	65061	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121315\
Data File : BG020140.D
Acq On : 13 Dec 2015 12:05
Operator : UM/SJ
Sample : G4772-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-9A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

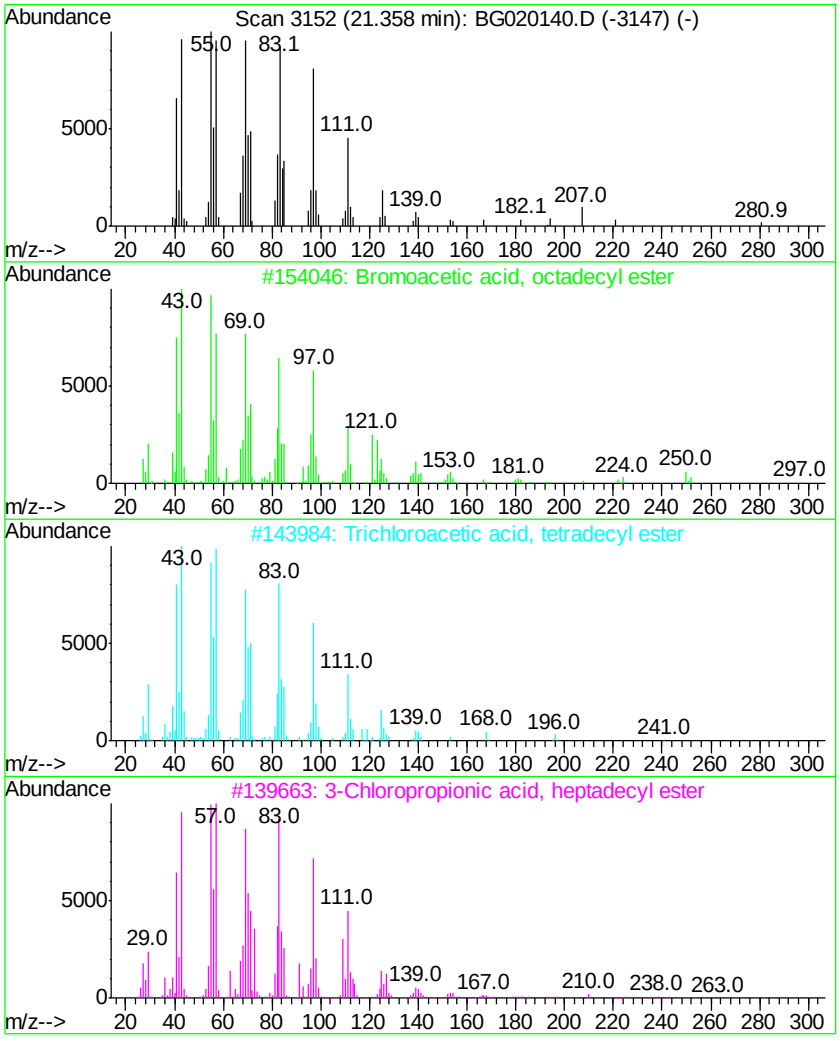
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

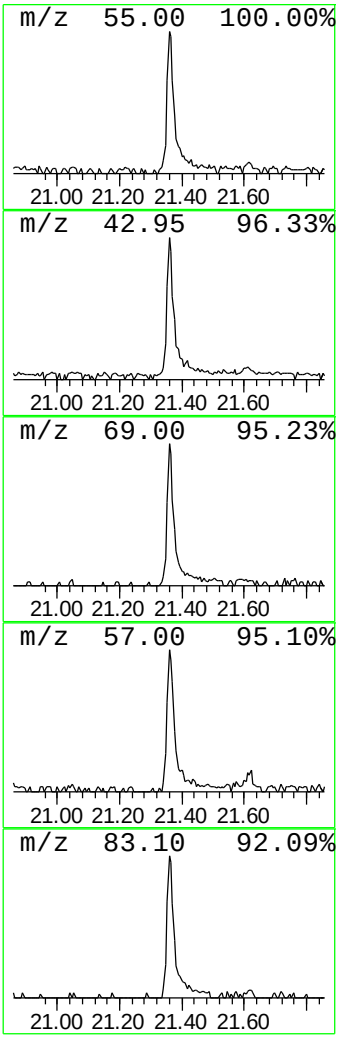
****

Peak Number 6 Bromoacetic acid, octadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	5.12 ng	119688	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121315\
Data File : BG020140.D
Acq On : 13 Dec 2015 12:05
Operator : UM/SJ
Sample : G4772-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-9A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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
Propane, 2,2-dime...	2.97	425.9	ng	2474190	1	8.10	116187	20.0
2-Pentanone, 4-hy...	5.17	22.3	ng	129347	1	8.10	116187	20.0
unknown7.63	7.63	112.1	ng	651211	1	8.10	116187	20.0
Tridecanoic acid	18.34	3.3	ng	65061	4	17.47	397479	20.0
Bromoacetic acid,...	21.36	5.1	ng	119688	5	21.73	467826	20.0