LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024677.D
Acq On : 4 Nov 2016 11:27
Operator : UM/SJ
Sample : H5509-14
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-97-9.5-10.0

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-BG102516.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	3.125	44	49	65	rVB	4862923	7881758	100.00%	16.911%
2	5.328	417	424	433	rVB	359401	593802	7.53%	1.274%
3	5.798	495	504	515	rBV	1541330	2608292	33.09%	5.596%
4	7.402	767	777	787	rBV	1697676	3046201	38.65%	6.536%
5	7.790	835	843	852	rBV	1549407	2747220	34.86%	5.895%
6	8.266	917	924	933	rVB	403732	710722	9.02%	1.525%
7	8.595	970	980	993	rVB	1078350	1964544	24.93%	4.215%
8	9.441	1116	1124	1133	rBV	1032335	1825296	23.16%	3.916%
9	11.092	1398	1405	1414	rVB	519186	937849	11.90%	2.012%
10	13.507	1807	1816	1823	rBV	2485532	3925533	49.81%	8.423%
11	14.318	1948	1954	1960	rBV	781567	1154092	14.64%	2.476%
12	14.882	2044	2050	2058	rVB	887070	1381291	17.53%	2.964%
13	16.362	2295	2302	2313	rBV	2287406	3606254	45.75%	7.738%
14	16.539	2327	2332	2340	rBV2	73885	137852	1.75%	0.296%
15	17.626	2510	2517	2522	rBV	1159321	1875382	23.79%	4.024%
16	18.466	2655	2660	2668	rBV2	115558	168078	2.13%	0.361%
17	20.205	2950	2956	2962	rBV	5042401	6673998	84.68%	14.320%
18	21.492	3171	3175	3184	rBV4	215185	368801	4.68%	0.791%
19	21.921	3241	3248	3255	rBV	1386451	2460610	31.22%	5.280%
20	25.352	3820	3832	3844	rVB2	827477	2538870	32.21%	5.447%

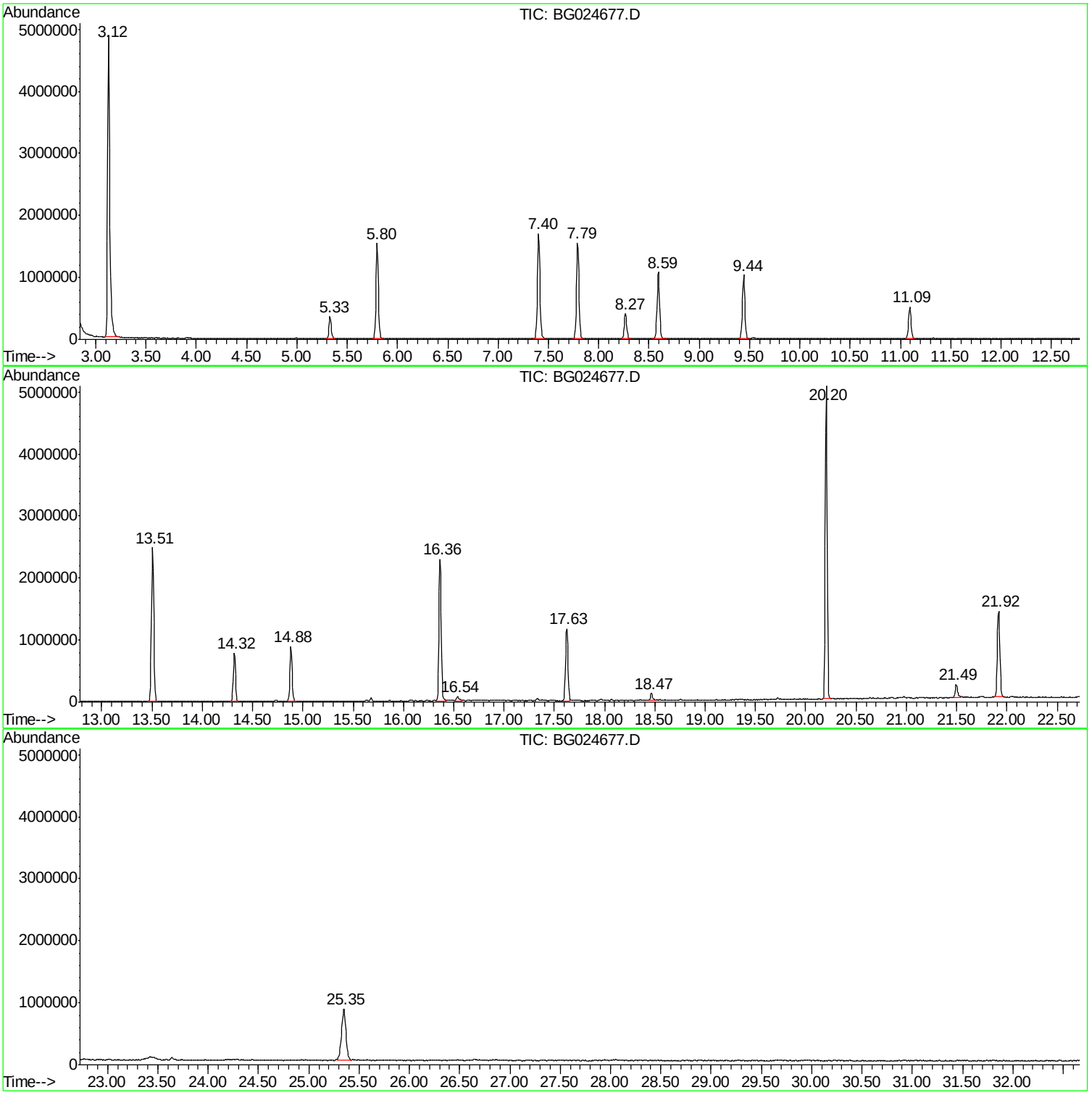
Sum of corrected areas: 46606445

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024677.D
Acq On : 4 Nov 2016 11:27
Operator : UM/SJ
Sample : H5509-14
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-97-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024677.D
Acq On : 4 Nov 2016 11:27
Operator : UM/SJ
Sample : H5509-14
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-97-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

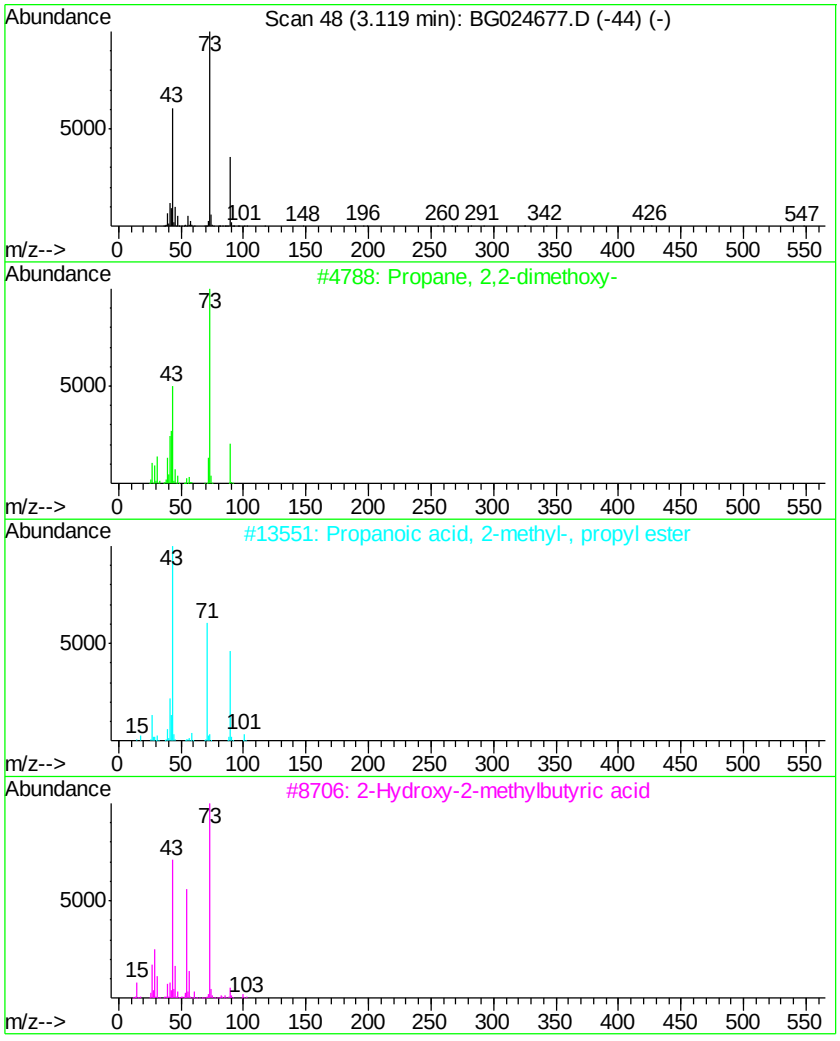
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

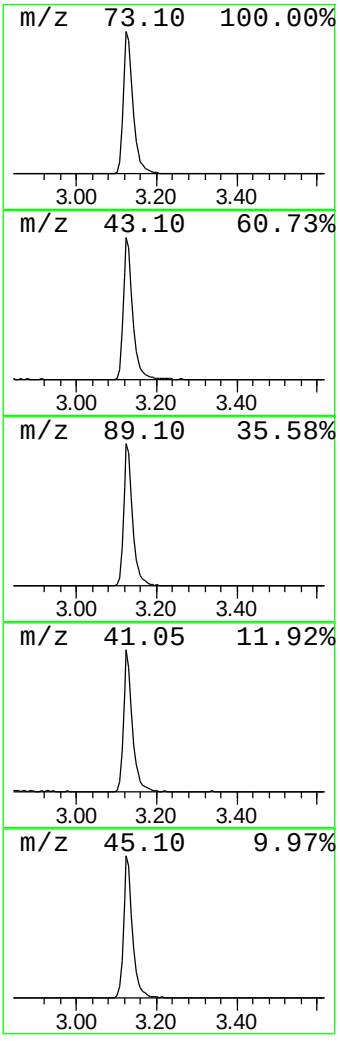
****

Peak Number 1 unknown3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	221.80 ng	7881760	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	38
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024677.D
Acq On : 4 Nov 2016 11:27
Operator : UM/SJ
Sample : H5509-14
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-97-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

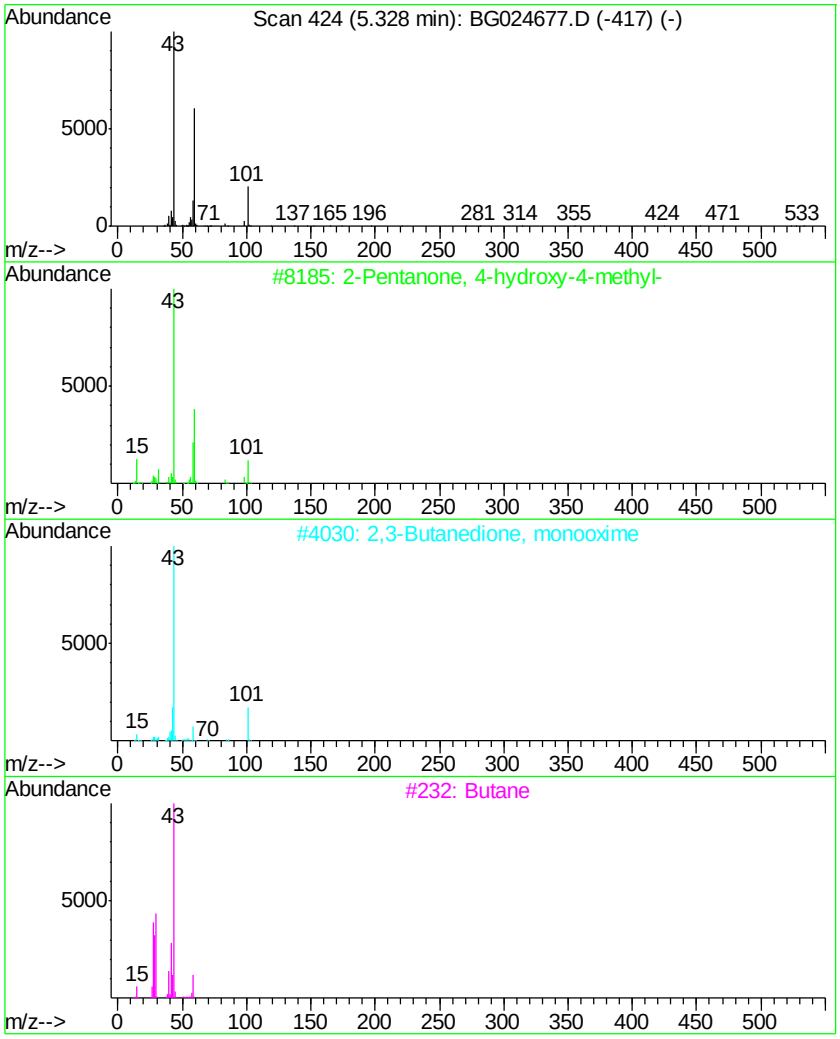
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

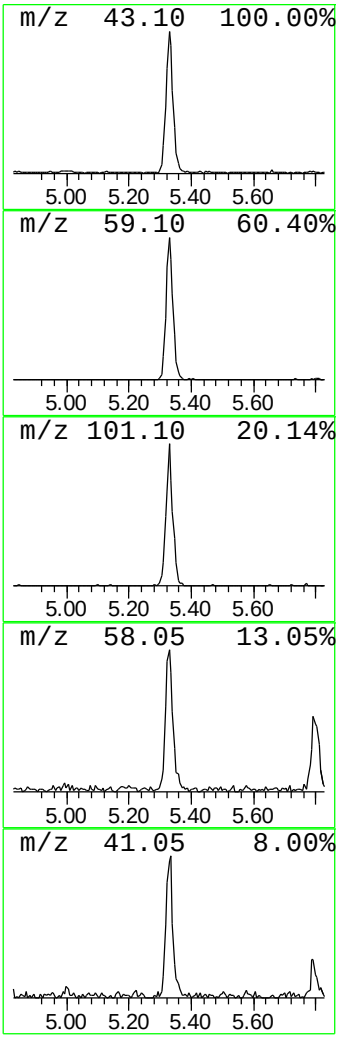
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	16.71 ng	593802	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Butane	58	C4H10	000106-97-8	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024677.D
Acq On : 4 Nov 2016 11:27
Operator : UM/SJ
Sample : H5509-14
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-97-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

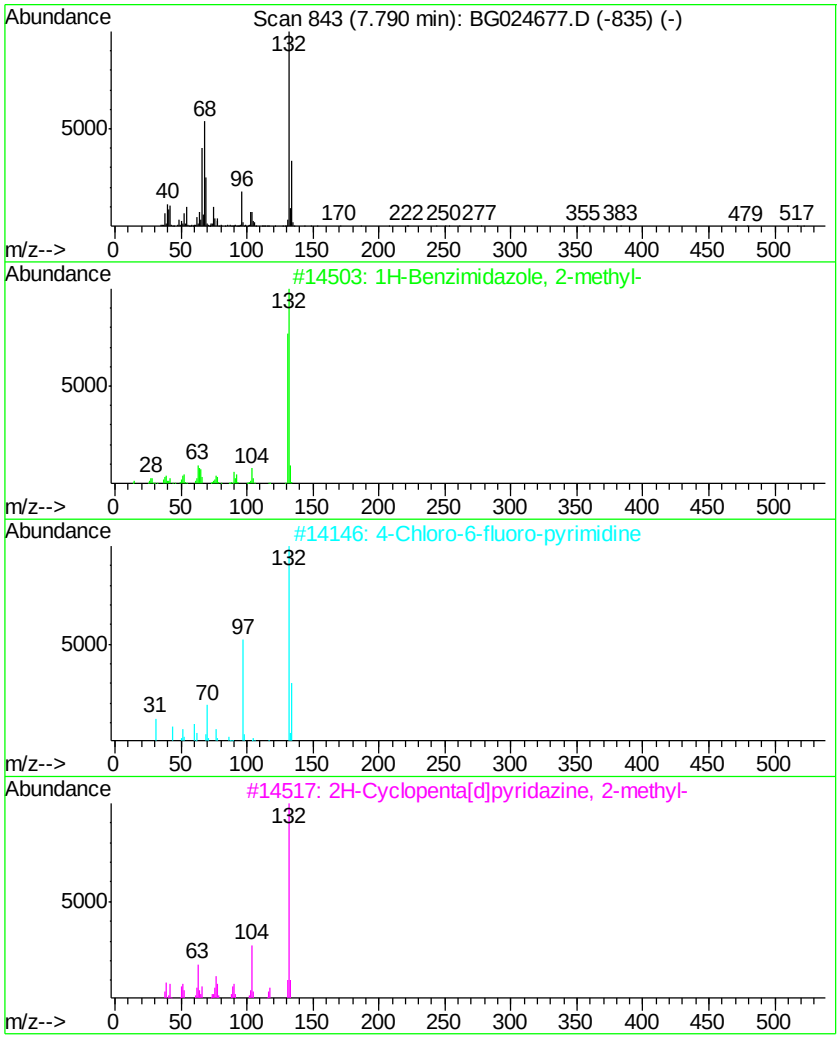
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

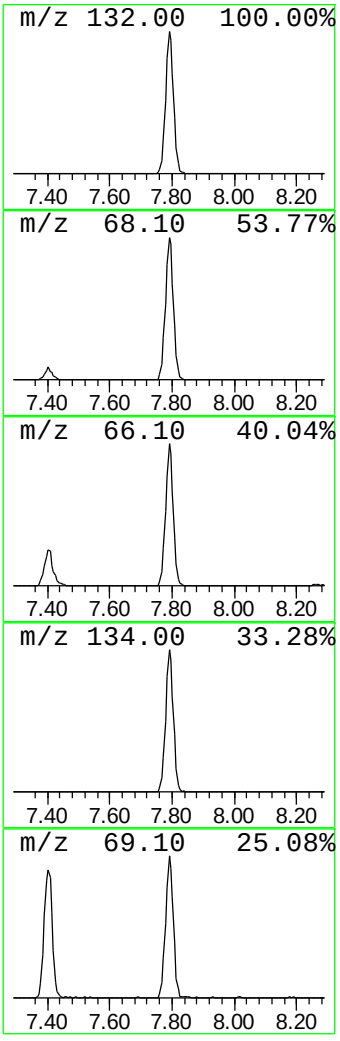
****

Peak Number 3 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	77.31 ng	2747220	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024677.D
Acq On : 4 Nov 2016 11:27
Operator : UM/SJ
Sample : H5509-14
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-97-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

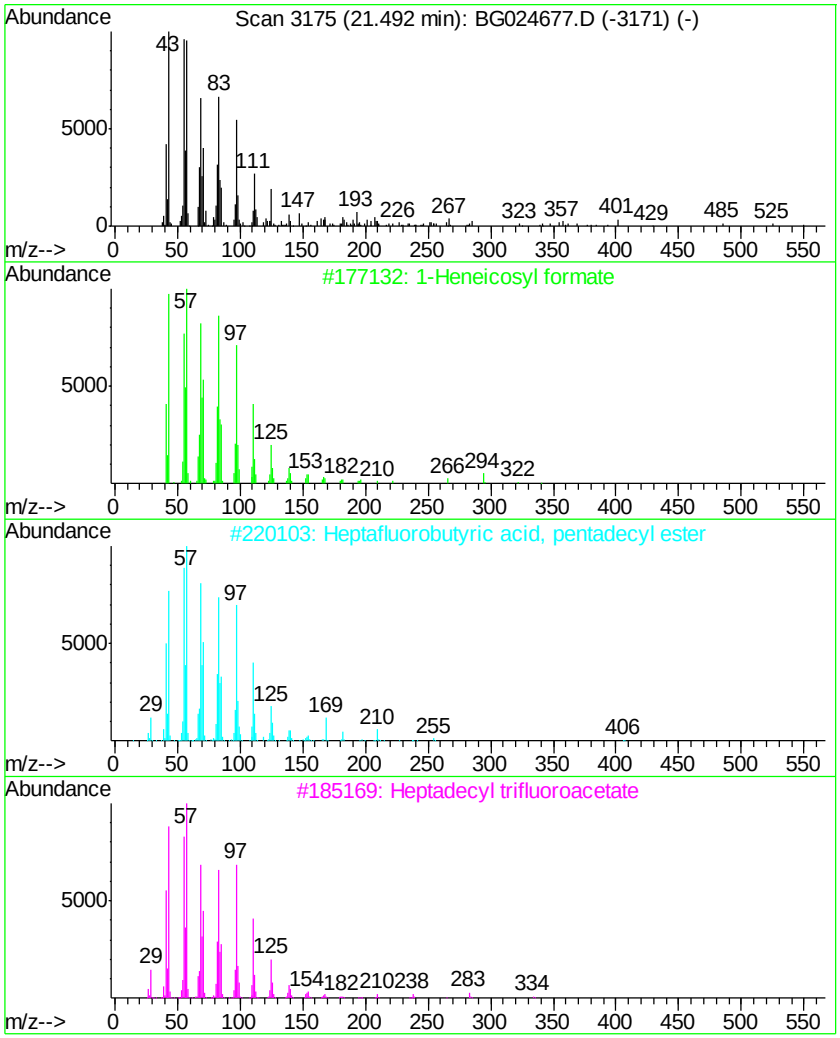
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

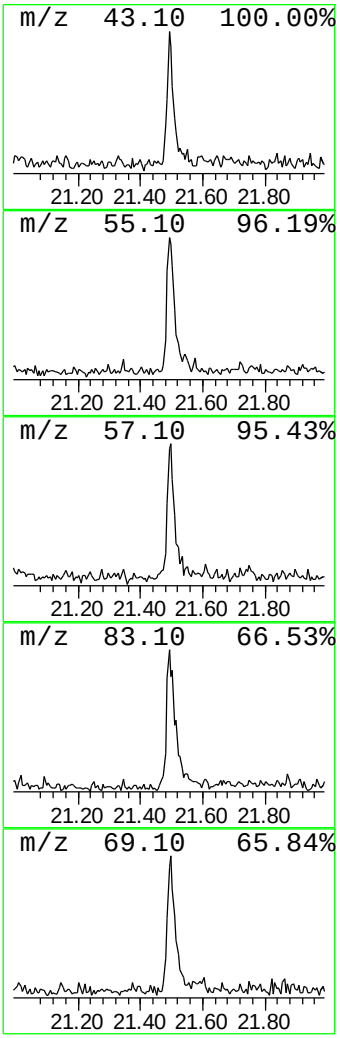
****

Peak Number 5 1-Heneicosyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.00 ng	368801	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024677.D
Acq On : 4 Nov 2016 11:27
Operator : UM/SJ
Sample : H5509-14
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-97-9.5-10.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.12	3.12	221.8	ng	7881760	1	8.27	710722	20.0
2-Pentanone, 4-hy...	5.33	16.7	ng	593802	1	8.27	710722	20.0
unknown7.79	7.79	77.3	ng	2747220	1	8.27	710722	20.0
1-Heneicosyl formate	21.49	3.0	ng	368801	5	21.92	2460610	20.0