LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023134.D
Acq On : 16 Jul 2016 6:17
Operator : UM/SJ
Sample : H3989-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Q7-B3(6-12)C

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-BG070816.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	3.041	29	34	61	rVB	5576735	8511529	100.00%	15.986%
2	5.220	400	405	414	rVB	233109	360450	4.23%	0.677%
3	5.696	479	486	495	rBV	1829058	2919145	34.30%	5.483%
4	7.306	752	760	769	rBV	2104374	3635928	42.72%	6.829%
5	7.682	814	824	834	rBV	1940372	3327693	39.10%	6.250%
6	8.152	897	904	909	rBV	365880	617160	7.25%	1.159%
7	8.475	952	959	968	rVB	1281848	2275686	26.74%	4.274%
8	9.321	1094	1103	1111	rBV	1271937	2367691	27.82%	4.447%
9	10.978	1378	1385	1395	rBV	552154	995350	11.69%	1.869%
10	13.417	1792	1800	1808	rBV	3510471	5645050	66.32%	10.602%
11	14.239	1931	1940	1946	rBV	520575	818054	9.61%	1.536%
12	14.797	2028	2035	2044	rVB2	1011294	1658501	19.49%	3.115%
13	16.290	2281	2289	2301	rBV	3294383	5115661	60.10%	9.608%
14	17.553	2497	2504	2510	rBV	1316685	2055414	24.15%	3.860%
15	18.417	2646	2651	2656	rBV3	161724	250931	2.95%	0.471%
16	19.598	2847	2852	2856	rBV	54707	85480	1.00%	0.161%
17	19.962	2911	2914	2922	rVB	63674	112284	1.32%	0.211%
18	20.150	2940	2946	2959	rBV	5959993	7883520	92.62%	14.806%
19	21.713	3208	3212	3215	rVB2	72782	96210	1.13%	0.181%
20	21.854	3229	3236	3243	rBV2	1370117	2357026	27.69%	4.427%
21	25.226	3800	3810	3822	rBV	695897	2154933	25.32%	4.047%

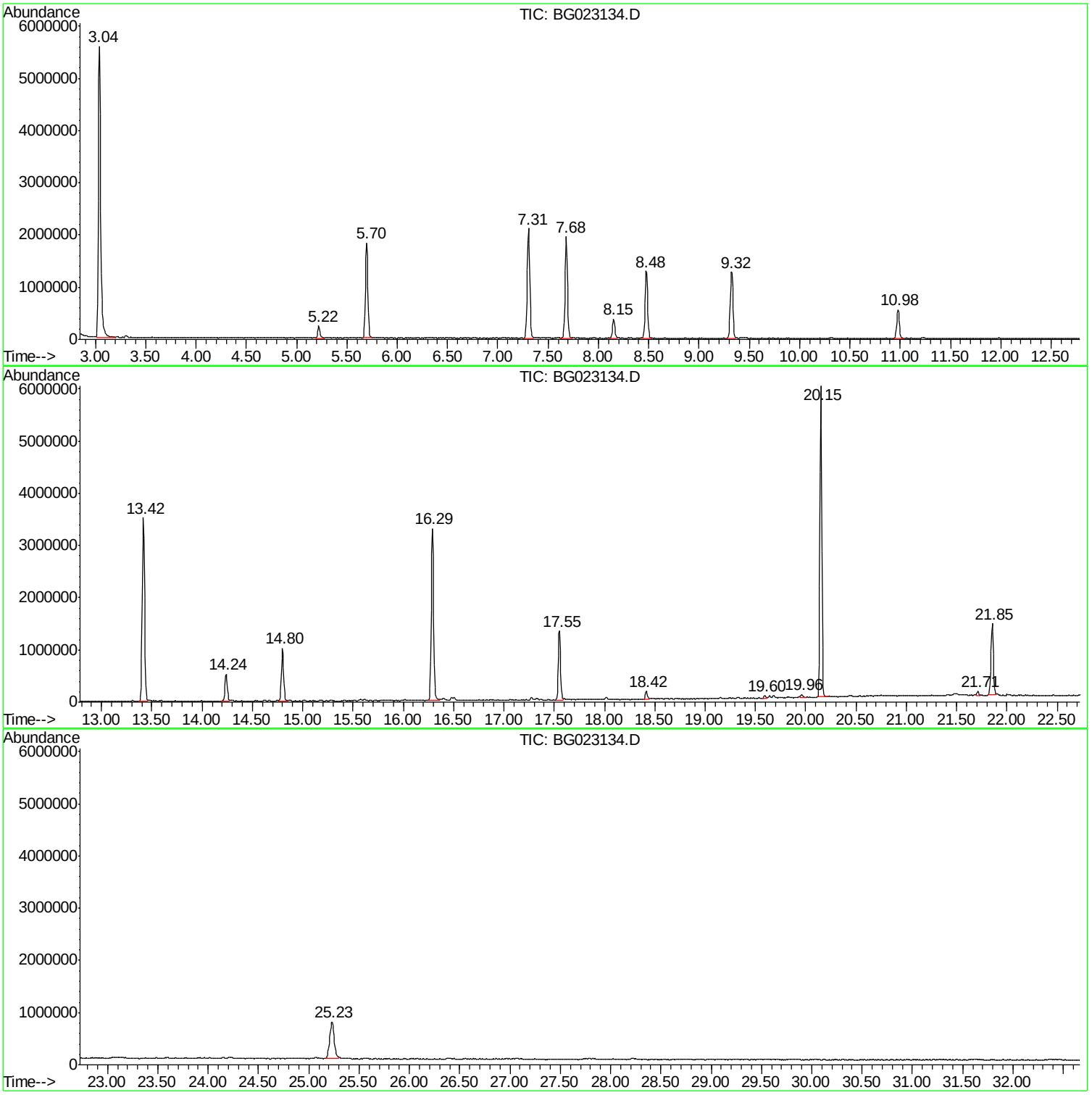
Sum of corrected areas: 53243696

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023134.D
Acq On : 16 Jul 2016 6:17
Operator : UM/SJ
Sample : H3989-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Q7-B3(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023134.D
Acq On : 16 Jul 2016 6:17
Operator : UM/SJ
Sample : H3989-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Q7-B3(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

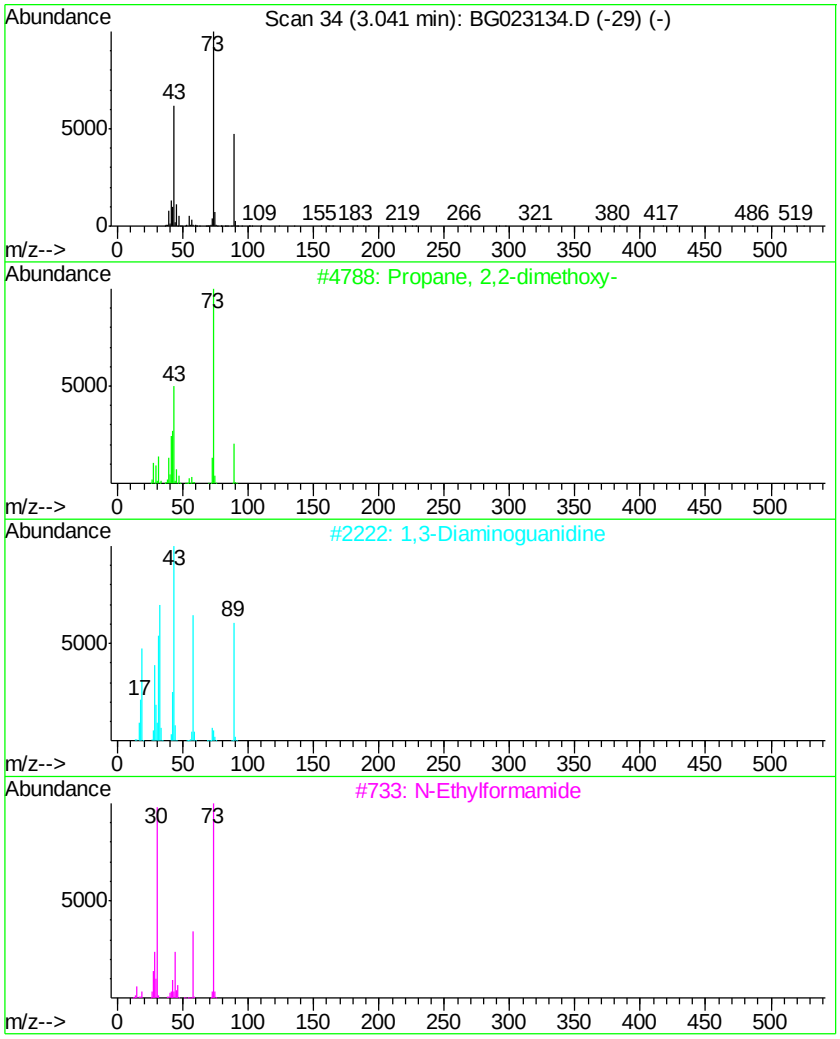
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

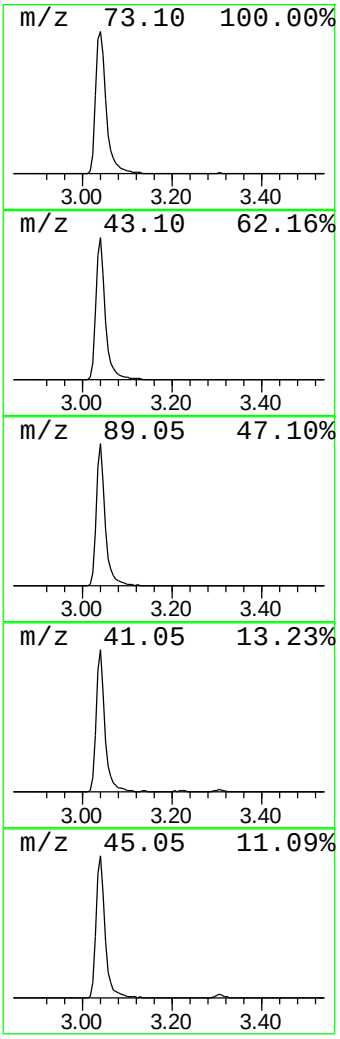
****

Peak Number 1 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	275.83 ng	8511530	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023134.D
Acq On : 16 Jul 2016 6:17
Operator : UM/SJ
Sample : H3989-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Q7-B3(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

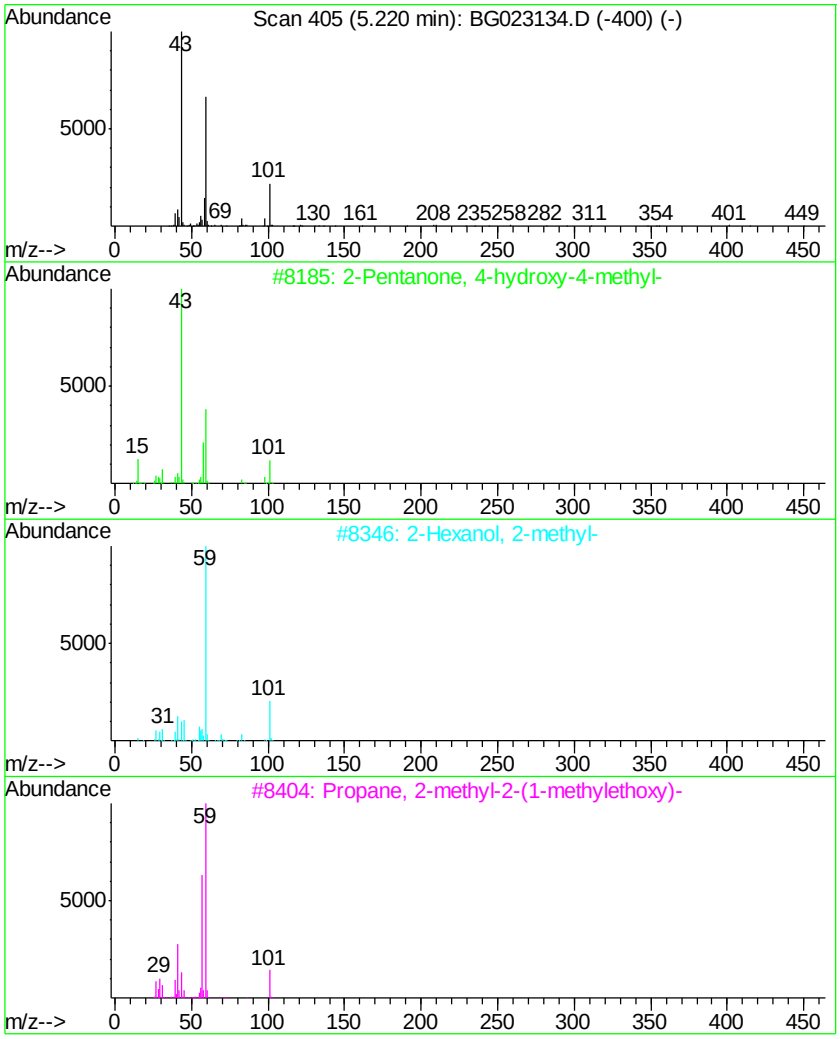
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

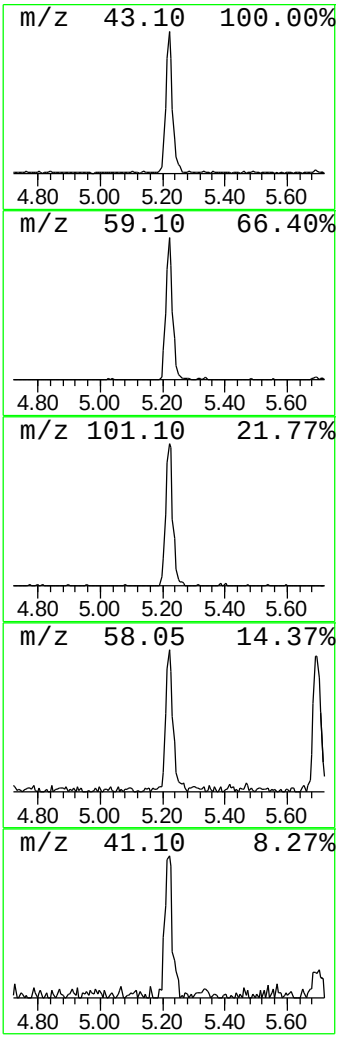
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	11.68 ng	360450	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	38
4	1,2-Butanediol	90	C4H10O2	000584-03-2	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023134.D
Acq On : 16 Jul 2016 6:17
Operator : UM/SJ
Sample : H3989-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Q7-B3(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

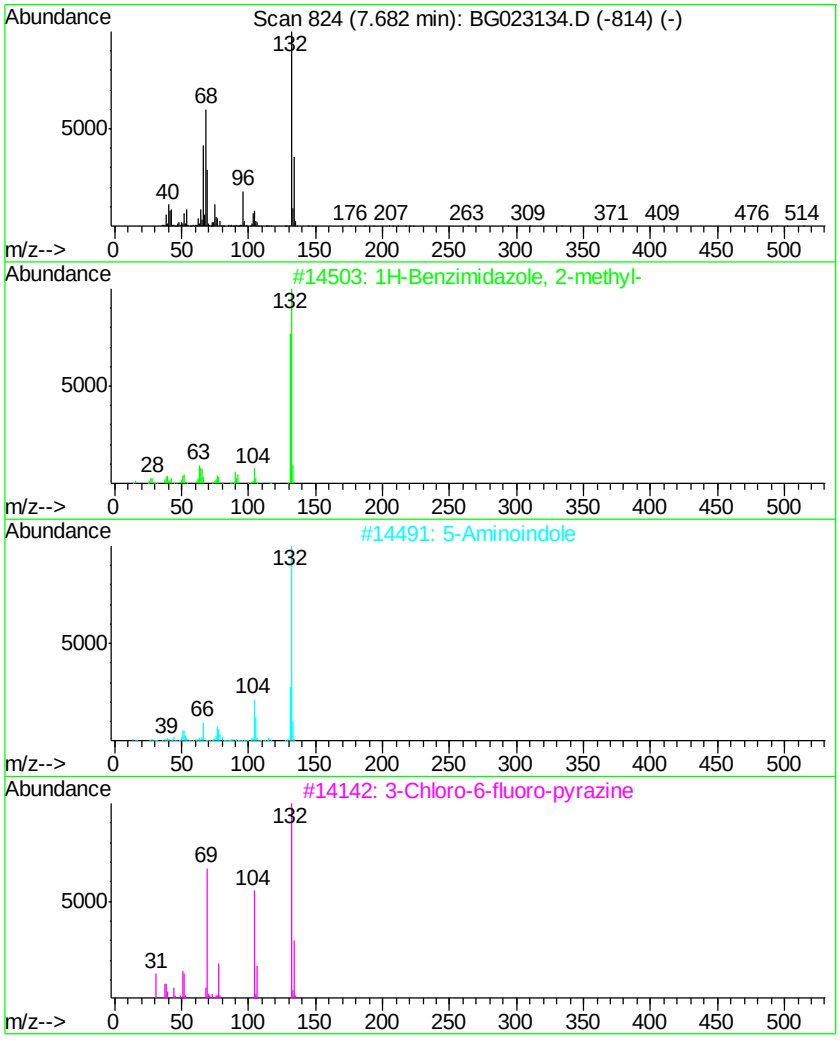
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

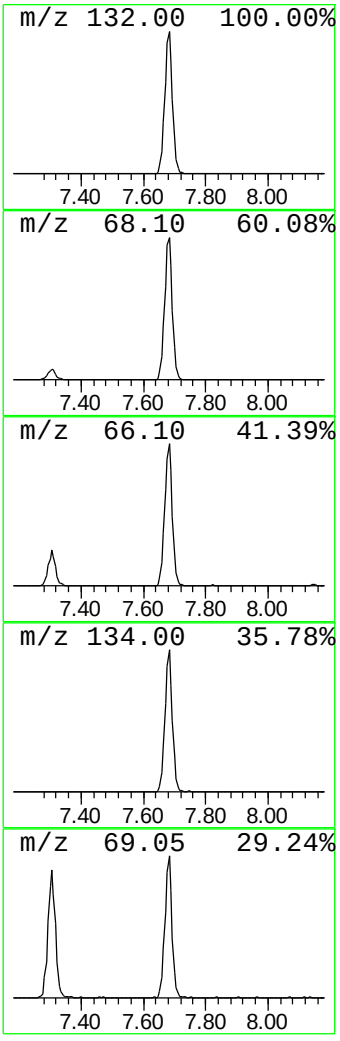
****

Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	107.84 ng	3327690	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	5-Aminoindole	132	C8H8N2	005192-03-0	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023134.D
Acq On : 16 Jul 2016 6:17
Operator : UM/SJ
Sample : H3989-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Q7-B3(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

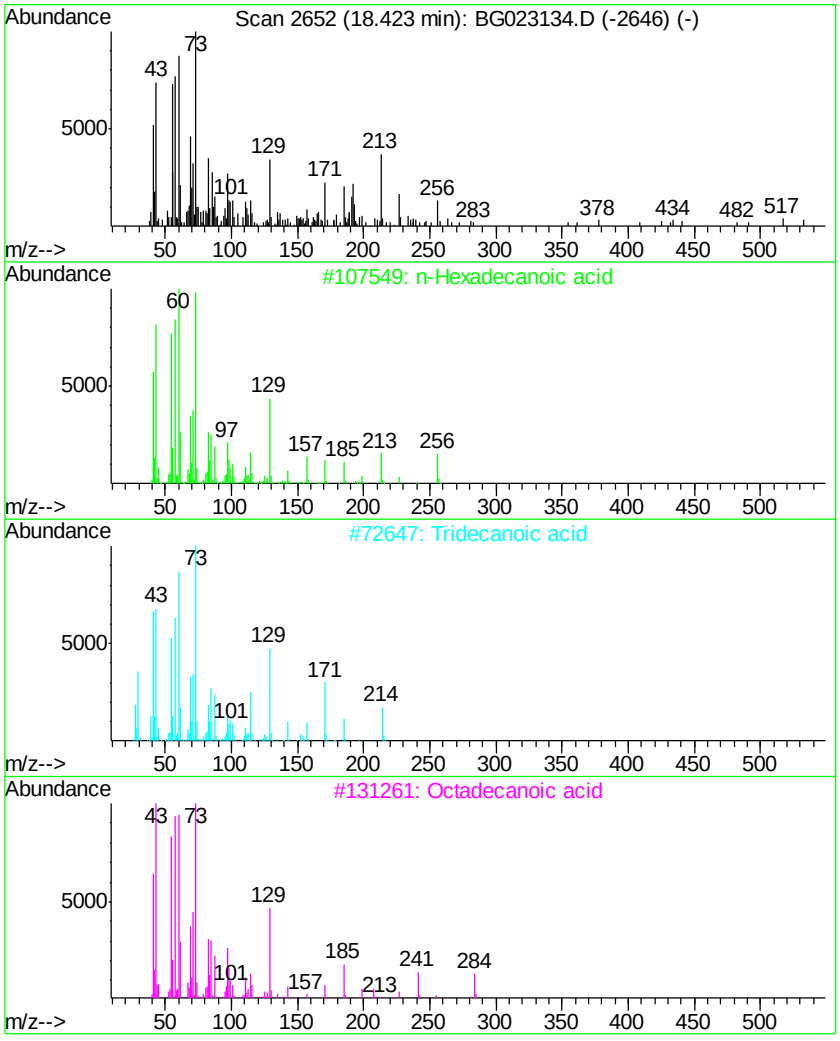
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

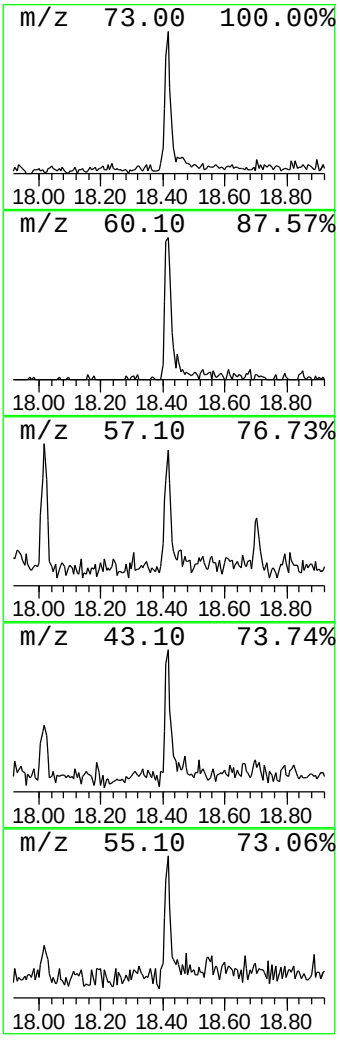
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.44 ng	250931	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Octadecanoic acid	284	C18H36O2	000057-11-4	62
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023134.D
Acq On : 16 Jul 2016 6:17
Operator : UM/SJ
Sample : H3989-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Q7-B3(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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
unknown3.04	3.04	275.8	ng	8511530	1	8.15	617160	20.0
2-Pentanone, 4-hy...	5.22	11.7	ng	360450	1	8.15	617160	20.0
unknown7.68	7.68	107.8	ng	3327690	1	8.15	617160	20.0
n-Hexadecanoic acid	18.42	2.4	ng	250931	4	17.55	2055410	20.0