LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023412.D
Acq On : 3 Aug 2016 1:42
Operator : UM/SJ
Sample : H4288-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-7.0-8.0

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-BG080116.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	2.997	22	27	43	rVB	4433556	7018928	96.79%	12.027%
2	3.144	45	52	69	rVV	602937	1234247	17.02%	2.115%
3	5.182	393	399	407	rBV	604499	940403	12.97%	1.611%
4	5.664	474	481	492	rBV	2285482	3646824	50.29%	6.249%
5	7.279	746	756	767	rBV	2394605	4339672	59.85%	7.436%
6	7.649	811	819	831	rBV	2303720	3997169	55.12%	6.849%
7	8.119	889	899	907	rBV	424688	716228	9.88%	1.227%
8	8.442	945	954	963	rBV	1513278	2678490	36.94%	4.590%
9	9.294	1091	1099	1109	rBV	1440722	2631830	36.29%	4.510%
10	10.951	1372	1381	1389	rBV	607681	1119975	15.44%	1.919%
11	13.400	1789	1798	1804	rBV	3669230	5989657	82.60%	10.264%
12	14.223	1932	1938	1945	rBV	744193	1109144	15.30%	1.901%
13	14.781	2027	2033	2040	rBV2	1075503	1757491	24.24%	3.012%
14	15.603	2169	2173	2178	rVB	87642	115414	1.59%	0.198%
15	16.279	2281	2288	2305	rVB	3863967	5977269	82.43%	10.242%
16	16.467	2316	2320	2329	rBV2	88853	142026	1.96%	0.243%
17	17.542	2497	2503	2511	rBV2	1512842	2267720	31.27%	3.886%
18	18.411	2647	2651	2662	rBV2	162240	276570	3.81%	0.474%
19	19.680	2862	2867	2876	rBV4	100289	172933	2.38%	0.296%
20	20.150	2941	2947	2953	rBV	5612903	7251384	100.00%	12.426%
21	20.931	3076	3080	3084	rBV3	67994	87335	1.20%	0.150%
22	21.466	3167	3171	3179	rBV10	40640	103210	1.42%	0.177%
23	21.854	3231	3237	3247	rVB	1377711	2393844	33.01%	4.102%
24	25.237	3801	3813	3823	rBV2	774418	2390172	32.96%	4.096%

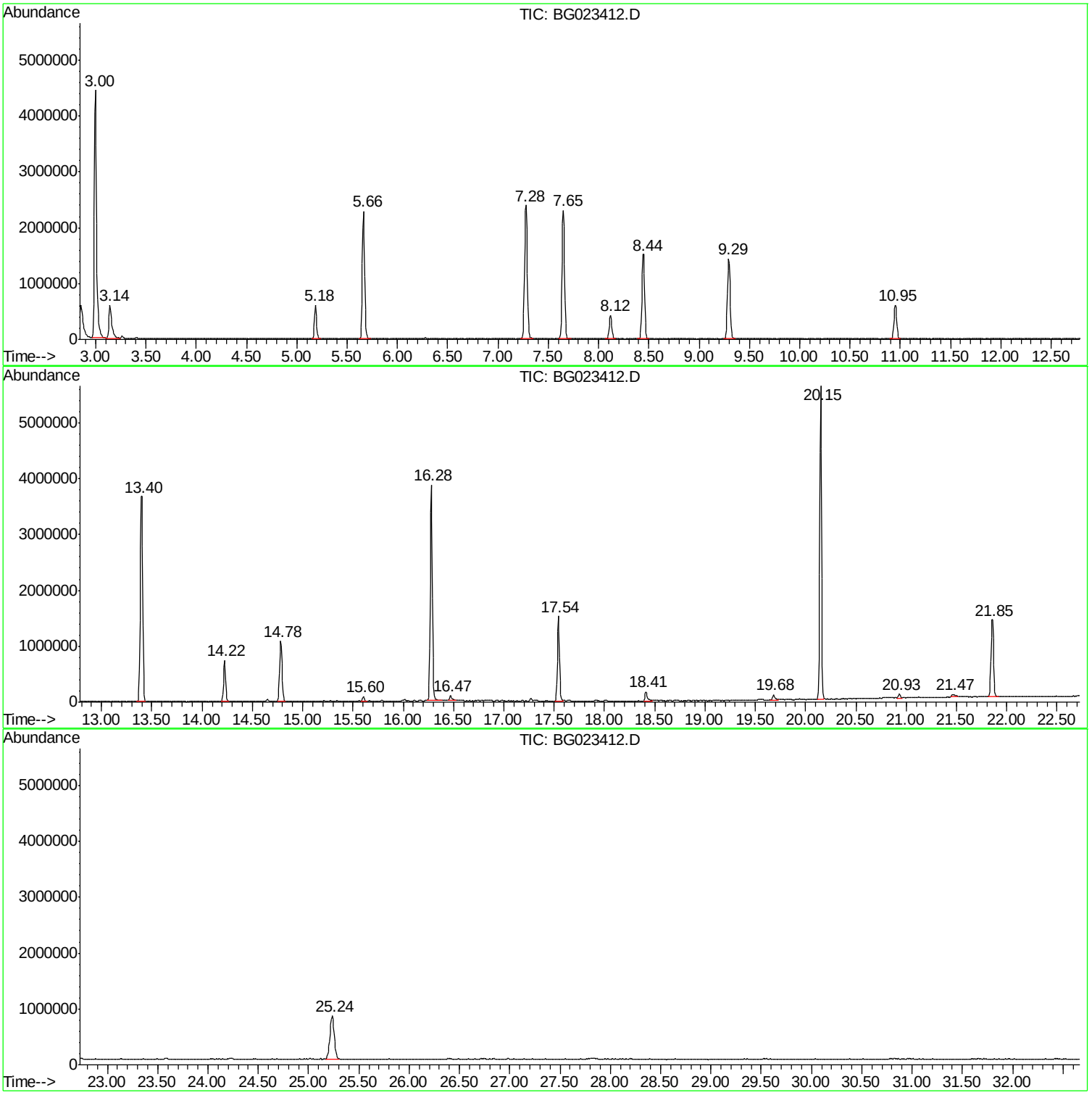
Sum of corrected areas: 58357935

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023412.D
Acq On : 3 Aug 2016 1:42
Operator : UM/SJ
Sample : H4288-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-65-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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\BG080216\
Data File : BG023412.D
Acq On : 3 Aug 2016 1:42
Operator : UM/SJ
Sample : H4288-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

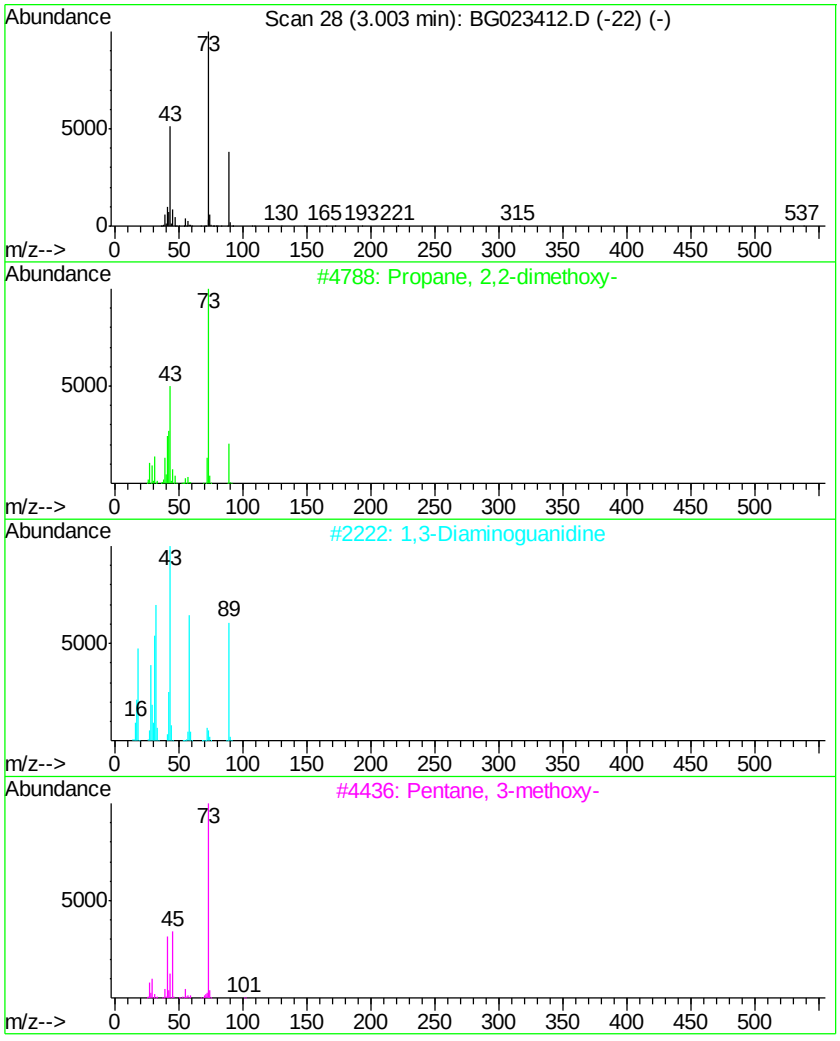
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

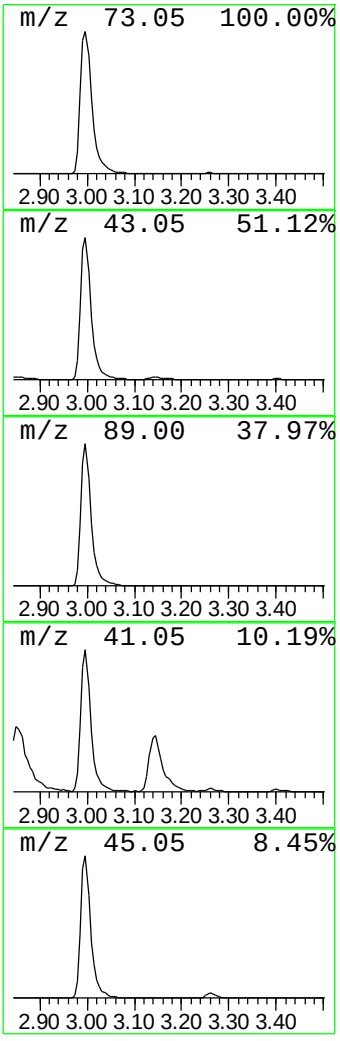
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	196.00 ng	7018930	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023412.D
Acq On : 3 Aug 2016 1:42
Operator : UM/SJ
Sample : H4288-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

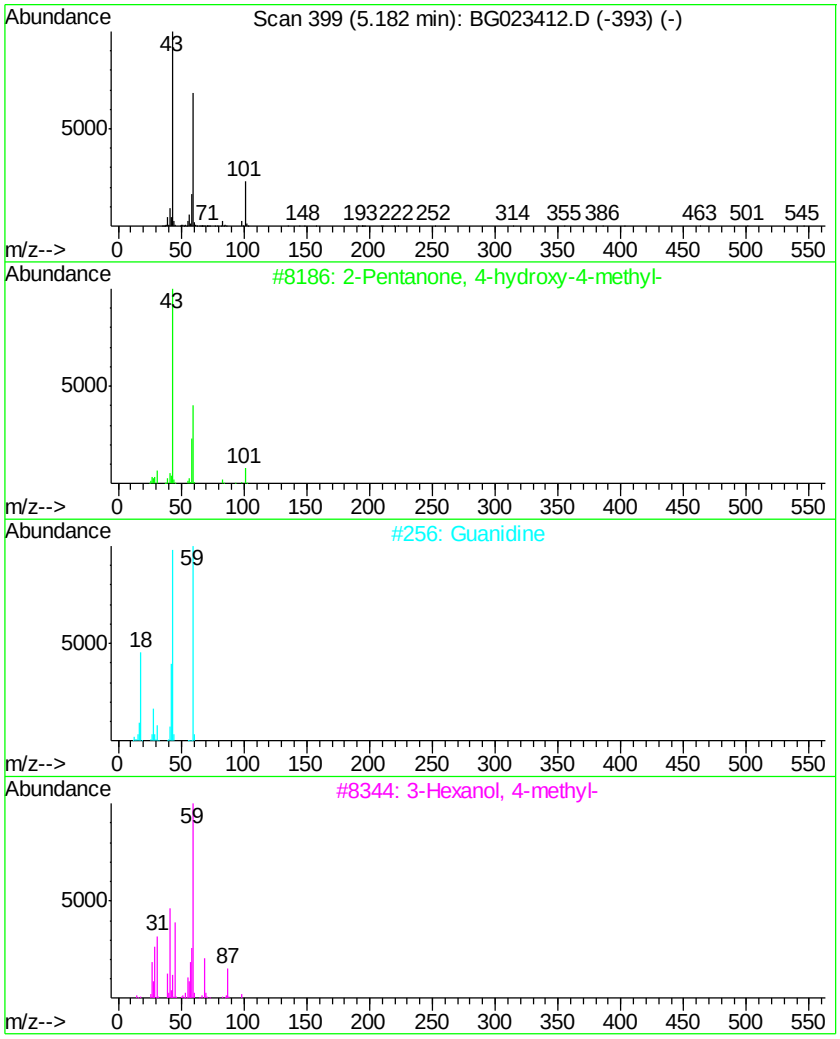
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

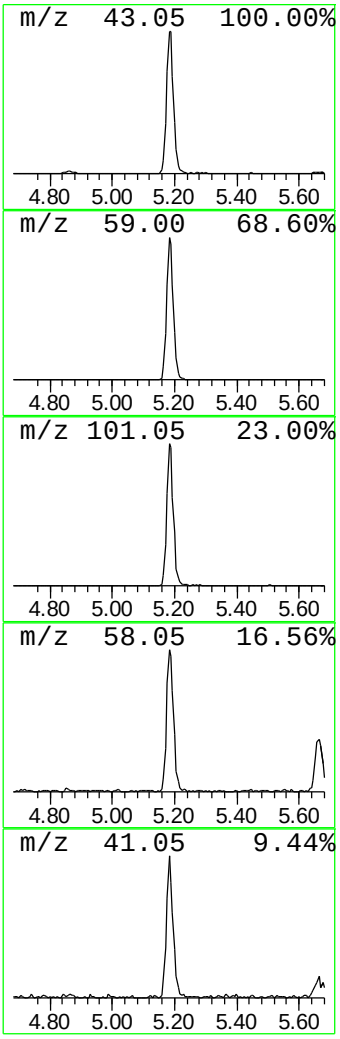
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	26.26 ng	940403	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023412.D
Acq On : 3 Aug 2016 1:42
Operator : UM/SJ
Sample : H4288-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

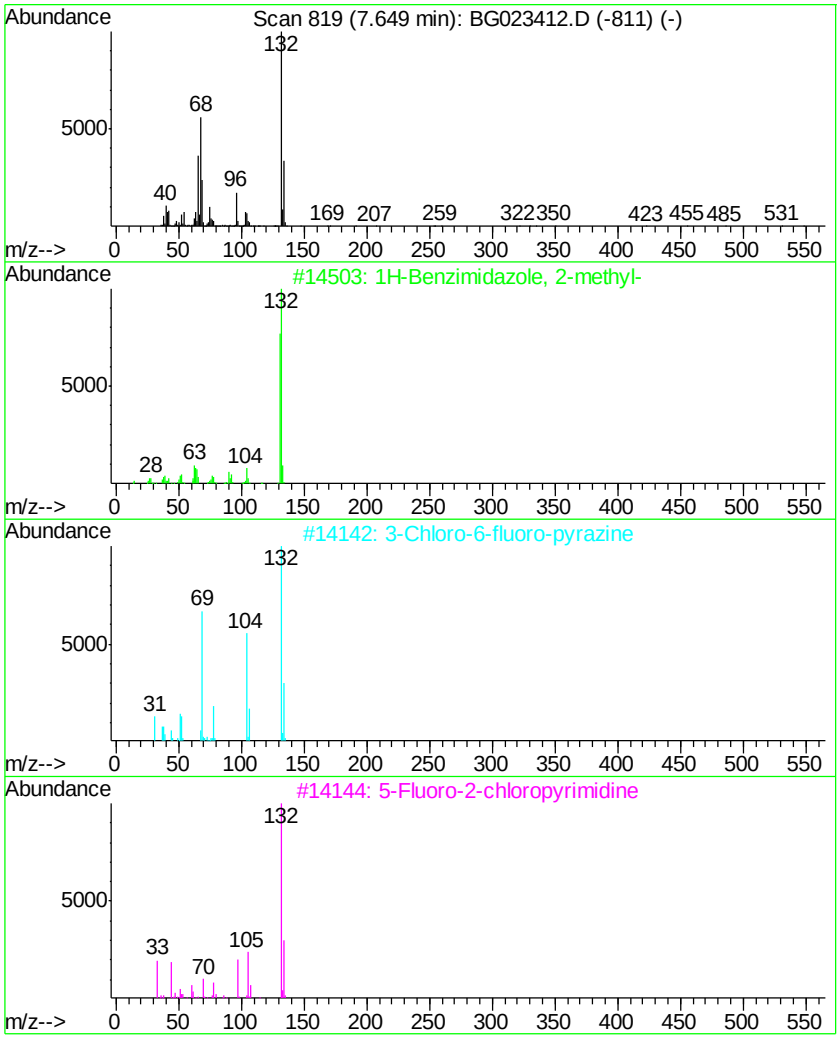
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

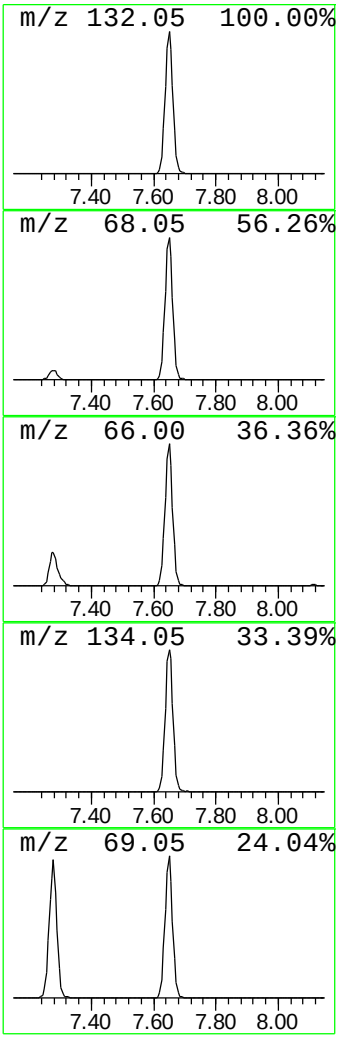
****

Peak Number 4 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	111.62 ng	3997170	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023412.D
Acq On : 3 Aug 2016 1:42
Operator : UM/SJ
Sample : H4288-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

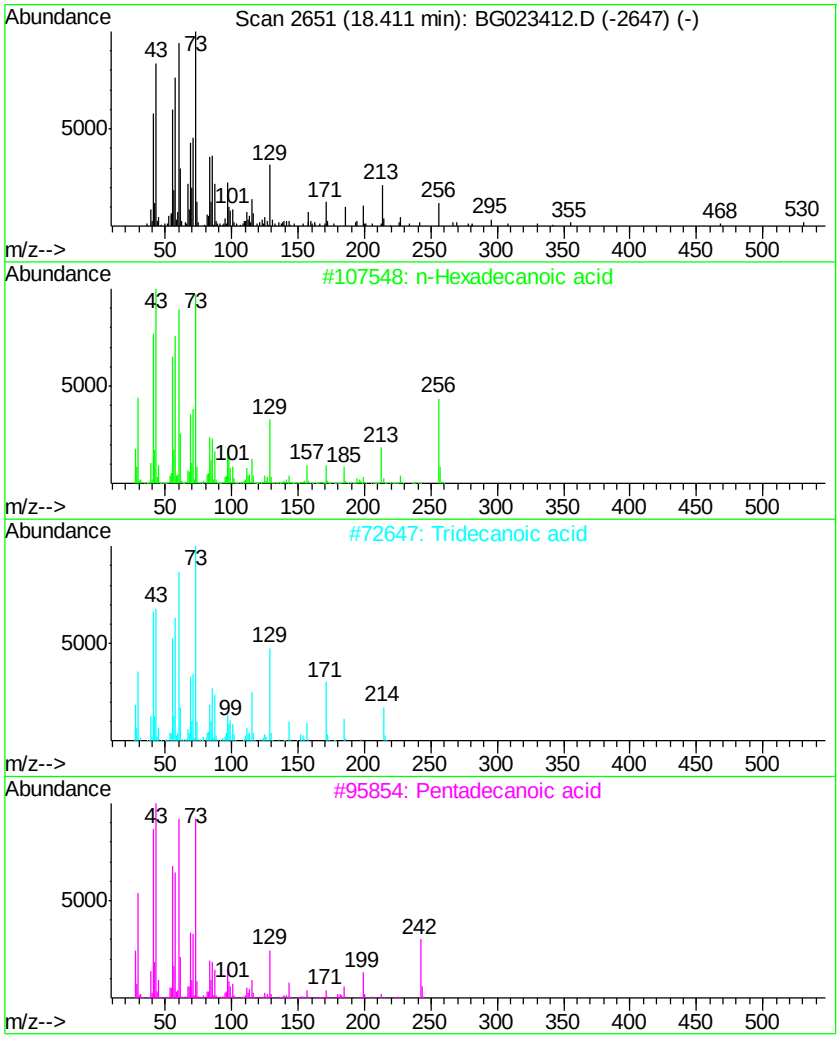
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

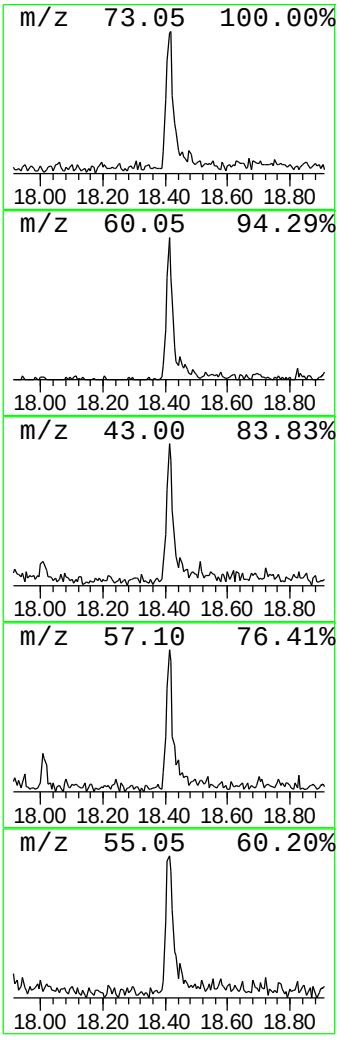
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.44 ng	276570	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
Data File : BG023412.D
Acq On : 3 Aug 2016 1:42
Operator : UM/SJ
Sample : H4288-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-7.0-8.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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
Propane, 2,2-dime...	3.00	196.0	ng	7018930	1	8.12	716228	20.0
2-Pentanone, 4-hy...	5.18	26.3	ng	940403	1	8.12	716228	20.0
unknown7.65	7.65	111.6	ng	3997170	1	8.12	716228	20.0
n-Hexadecanoic acid	18.41	2.4	ng	276570	4	17.54	2267720	20.0