LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019882.D
Acq On : 3 Dec 2015 22:37
Operator : UM/NP
Sample : G4598-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112815-A263-F-D-S

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	3.144	46	52	60	rBV	53427	102407	3.51%	0.952%
2	3.220	60	65	78	rVB	162959	239010	8.20%	2.222%
3	5.194	396	401	409	rVB	34064	52189	1.79%	0.485%
4	5.664	474	481	487	rBV	146719	232987	7.99%	2.166%
5	7.262	746	753	762	rBV	100600	171512	5.88%	1.594%
6	7.650	811	819	827	rVB	275067	469219	16.10%	4.362%
7	8.120	891	899	907	rBV	89401	152702	5.24%	1.419%
8	8.449	947	955	964	rBV	374898	644298	22.10%	5.989%
9	9.289	1088	1098	1108	rBV	338413	600760	20.61%	5.584%
10	10.940	1372	1379	1389	rVB	134441	242583	8.32%	2.255%
11	13.379	1787	1794	1802	rVB	1090076	1657779	56.87%	15.410%
12	14.195	1927	1933	1939	rBV	36799	51151	1.75%	0.475%
13	14.754	2021	2028	2037	rVB2	248889	404157	13.86%	3.757%
14	16.234	2273	2280	2289	rBV	636748	951988	32.66%	8.849%
15	17.492	2488	2494	2502	rVB2	336615	516146	17.71%	4.798%
16	18.373	2639	2644	2652	rBV2	35763	54530	1.87%	0.507%
17	19.642	2855	2860	2869	rBV3	29557	46140	1.58%	0.429%
18	20.100	2932	2938	2943	rBV	2331542	2915143	100.00%	27.098%
19	21.769	3215	3222	3230	rBV	407626	664853	22.81%	6.180%
20	25.065	3773	3783	3792	rVB	209346	588203	20.18%	5.468%

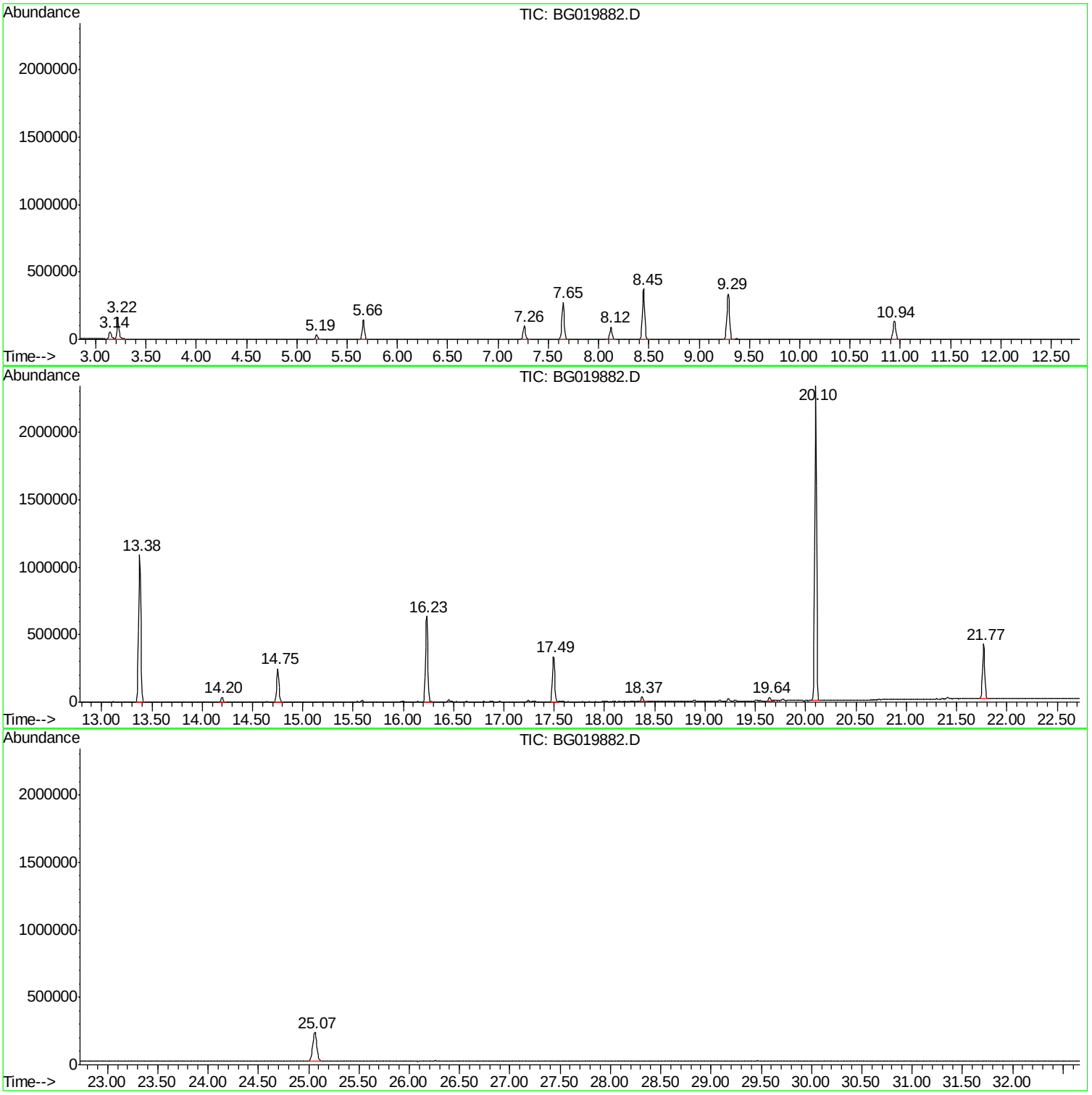
Sum of corrected areas: 10757757

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019882.D
Acq On : 3 Dec 2015 22:37
Operator : UM/NP
Sample : G4598-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
112815-A263-F-D-S

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\BG120315\
Data File : BG019882.D
Acq On : 3 Dec 2015 22:37
Operator : UM/NP
Sample : G4598-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112815-A263-F-D-S

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

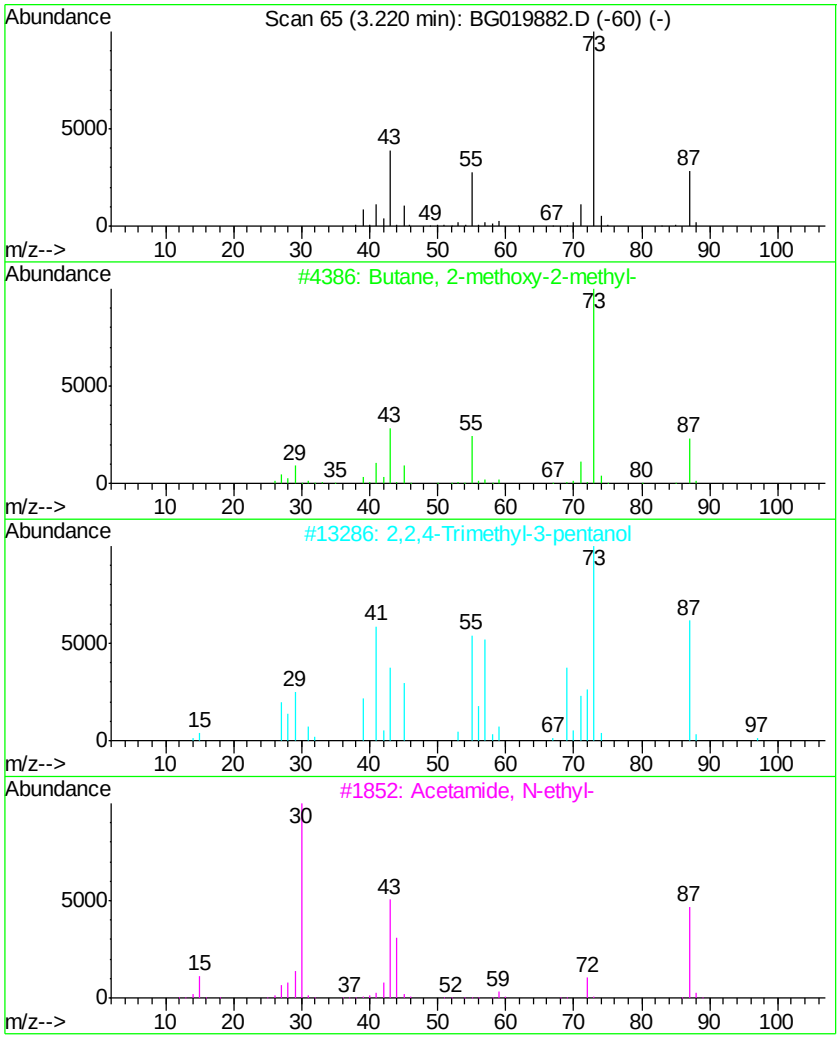
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

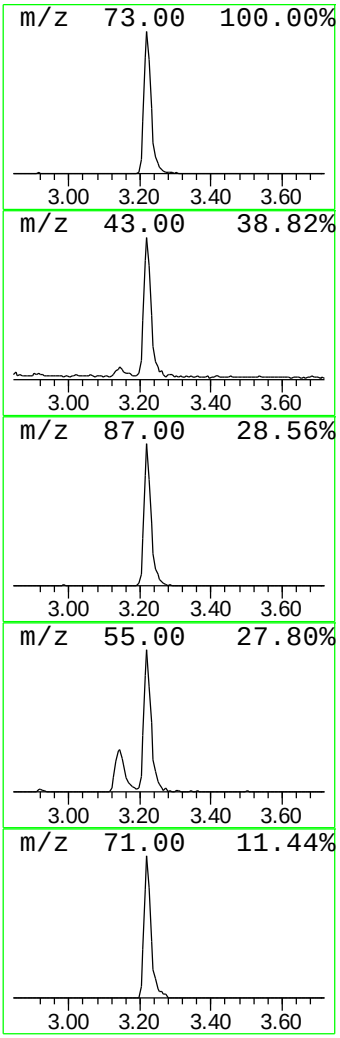
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	31.30 ng	239010	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019882.D
Acq On : 3 Dec 2015 22:37
Operator : UM/NP
Sample : G4598-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112815-A263-F-D-S

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

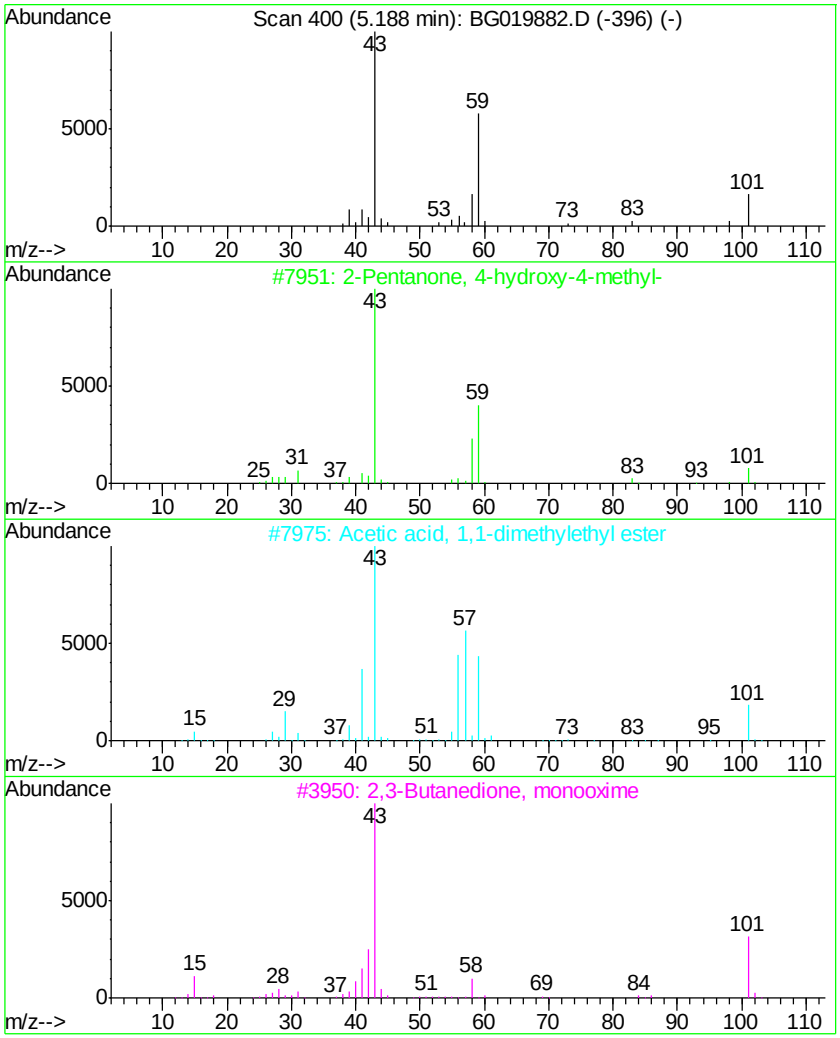
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

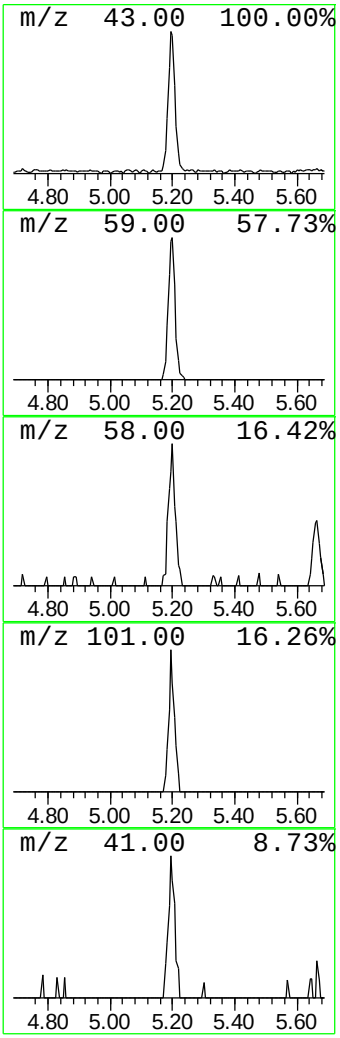
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	6.84 ng	52189	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019882.D
Acq On : 3 Dec 2015 22:37
Operator : UM/NP
Sample : G4598-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112815-A263-F-D-S

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

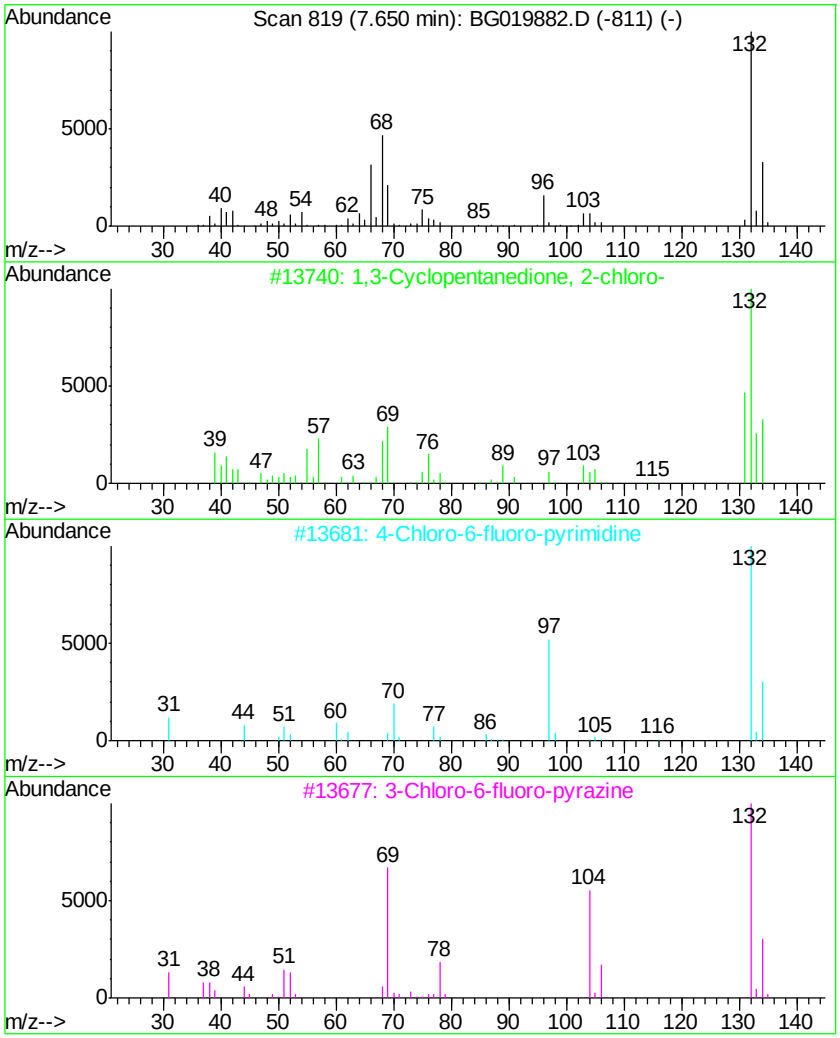
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

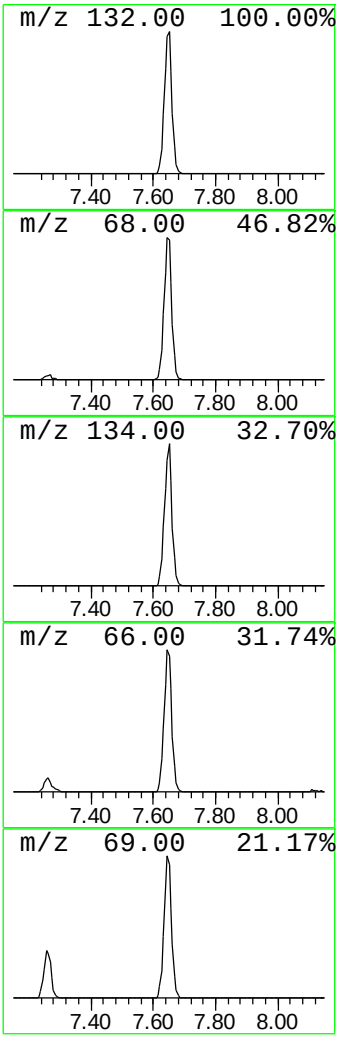
****

Peak Number 4 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	61.46 ng	469219	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019882.D
Acq On : 3 Dec 2015 22:37
Operator : UM/NP
Sample : G4598-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112815-A263-F-D-S

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

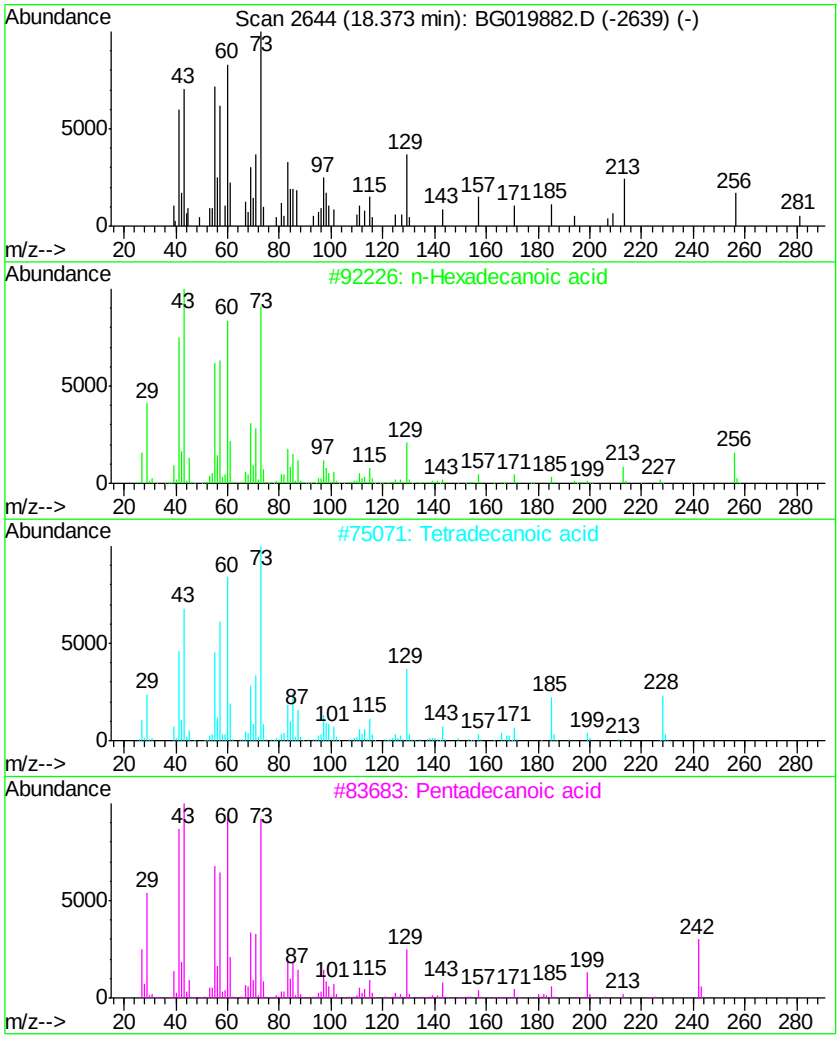
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

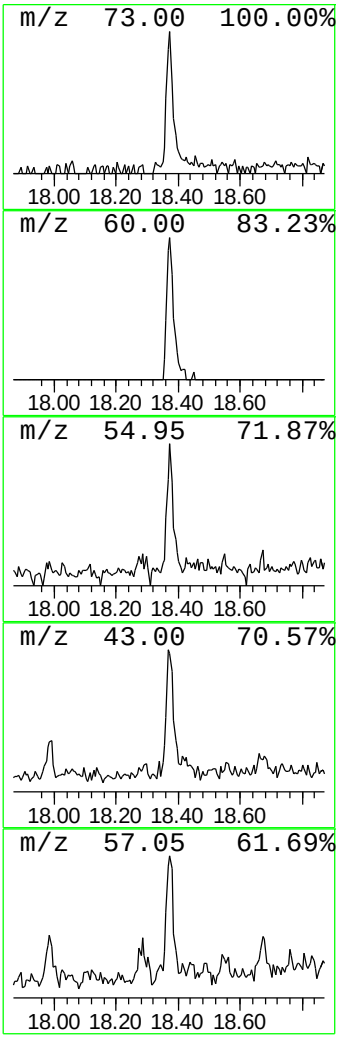
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.11 ng	54530	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
Data File : BG019882.D
Acq On : 3 Dec 2015 22:37
Operator : UM/NP
Sample : G4598-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112815-A263-F-D-S

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
Butane, 2-methoxy...	3.22	31.3	ng	239010	1	8.13	152702	20.0
2-Pentanone, 4-hy...	5.19	6.8	ng	52189	1	8.13	152702	20.0
unknown7.65	7.65	61.5	ng	469219	1	8.13	152702	20.0
n-Hexadecanoic acid	18.37	2.1	ng	54530	4	17.49	516146	20.0