LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016956.D
Acq On : 8 May 2015 14:49
Operator : TP/IZ
Sample : G2058-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-8

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-BG050515.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	2.919	34	39	47	rBV	353928	553980	12.28%	2.447%
2	2.995	47	52	58	rVV	623957	752047	16.67%	3.322%
3	4.911	375	378	384	rVB	35446	49746	1.10%	0.220%
4	5.375	449	457	464	rBV	493831	700855	15.53%	3.096%
5	6.956	719	726	738	rBV	320331	501302	11.11%	2.215%
6	7.326	782	789	798	rBV	893286	1416421	31.39%	6.257%
7	7.790	861	868	875	rVB	227806	364909	8.09%	1.612%
8	8.113	916	923	932	rVB	814555	1249008	27.68%	5.518%
9	8.947	1058	1065	1074	rBV	710502	1193025	26.44%	5.271%
10	10.587	1336	1344	1350	rBV	329810	544528	12.07%	2.406%
11	13.054	1755	1764	1771	rBV	1874285	2729999	60.50%	12.061%
12	14.429	1992	1998	2005	rBV2	520643	802681	17.79%	3.546%
13	15.916	2244	2251	2261	rBV	1676119	2437597	54.02%	10.769%
14	16.938	2419	2425	2431	rBV2	44778	69530	1.54%	0.307%
15	17.173	2459	2465	2471	rBV2	737602	1045364	23.17%	4.618%
16	18.072	2612	2618	2627	rBV	209454	303413	6.72%	1.340%
17	19.353	2832	2836	2845	rBV	153896	219473	4.86%	0.970%
18	19.799	2906	2912	2920	rBV	3558547	4512207	100.00%	19.934%
19	21.063	3122	3127	3132	rBV2	75334	101993	2.26%	0.451%
20	21.268	3157	3162	3166	rBV	497331	550992	12.21%	2.434%
21	21.350	3170	3176	3182	rBV	865949	1134911	25.15%	5.014%
22	22.502	3368	3372	3379	rBV	226632	341395	7.57%	1.508%
23	23.648	3560	3567	3574	rVB2	548034	1060225	23.50%	4.684%

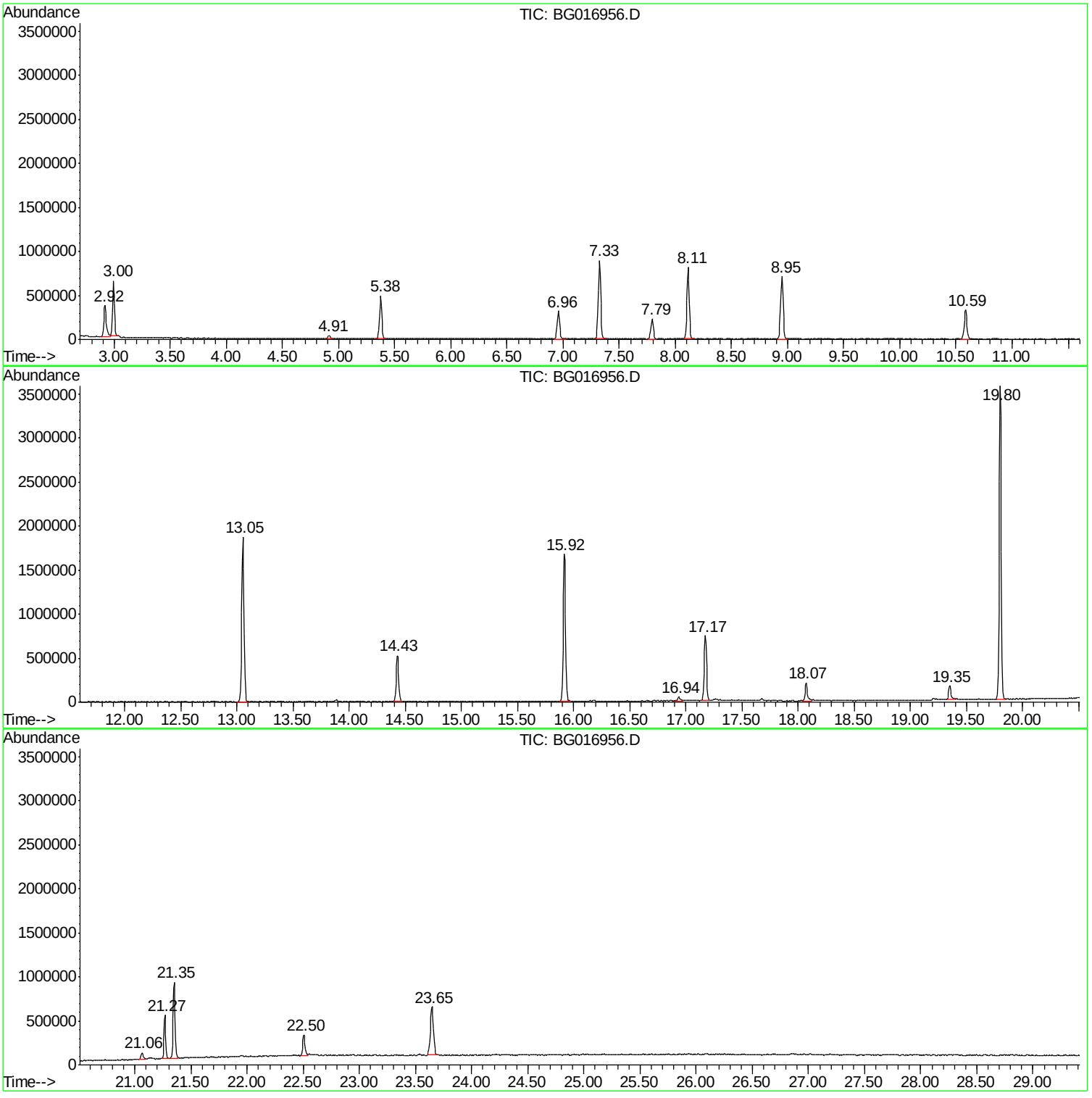
Sum of corrected areas: 22635601

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016956.D
Acq On : 8 May 2015 14:49
Operator : TP/IZ
Sample : G2058-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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\BG050815\
Data File : BG016956.D
Acq On : 8 May 2015 14:49
Operator : TP/IZ
Sample : G2058-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

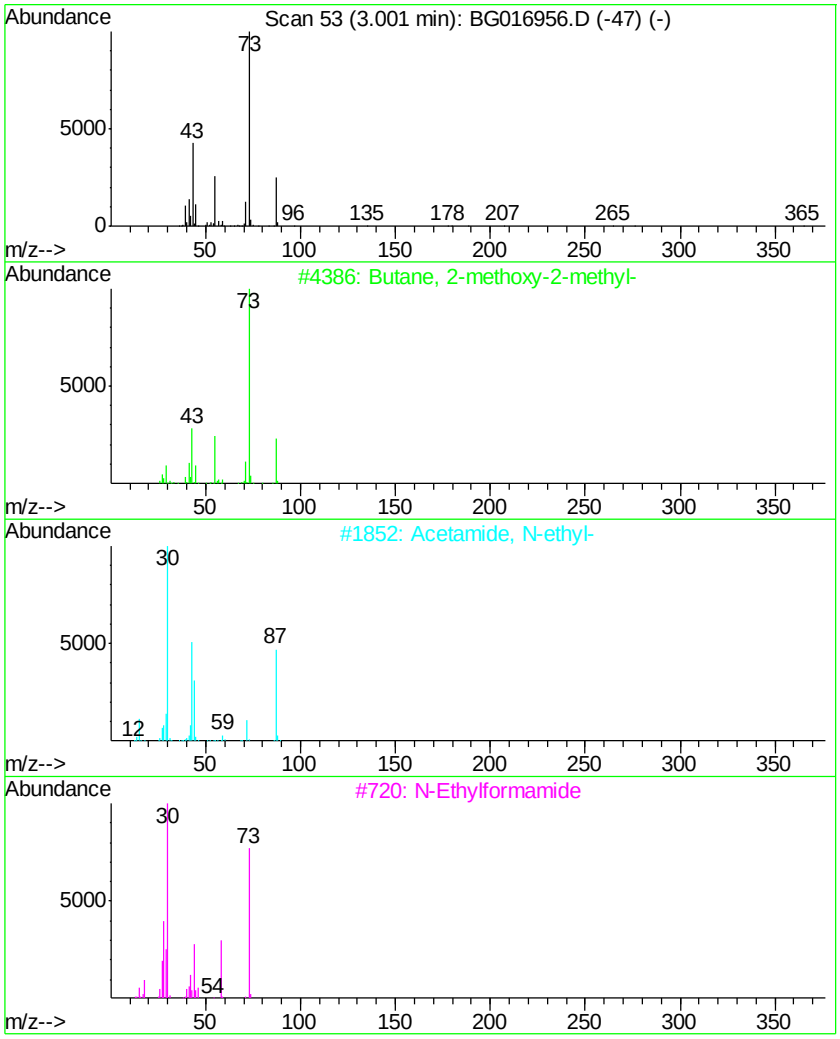
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

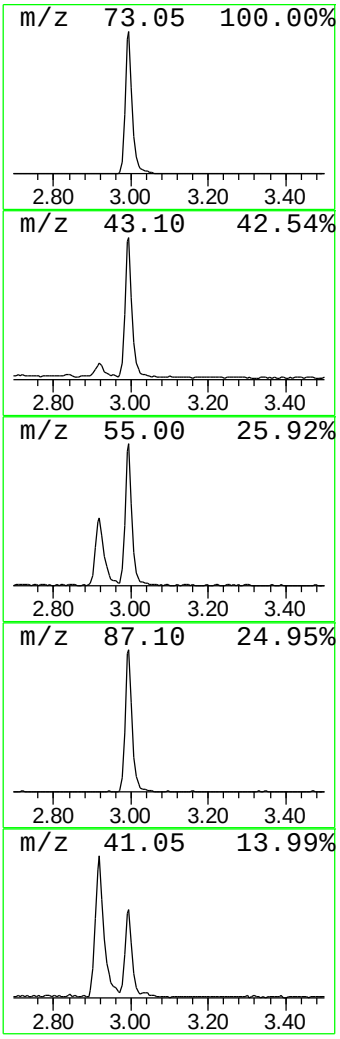
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	41.22 ng	752047	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016956.D
Acq On : 8 May 2015 14:49
Operator : TP/IZ
Sample : G2058-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

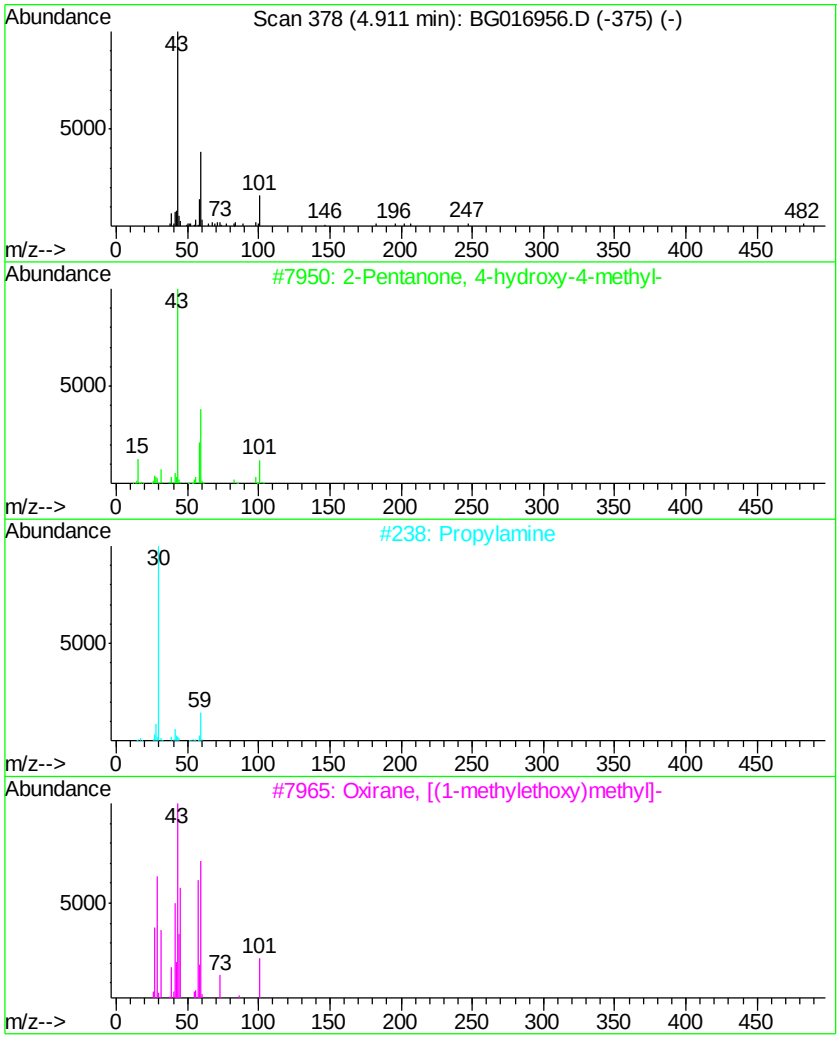
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

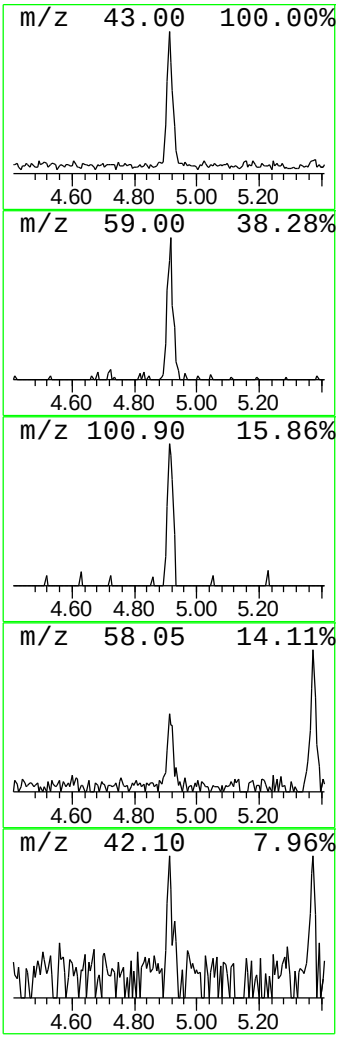
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.73 ng	49746	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propylamine	59	C3H9N	000107-10-8	37
3	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	36
4	Diacetamide	101	C4H7NO2	000625-77-4	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016956.D
Acq On : 8 May 2015 14:49
Operator : TP/IZ
Sample : G2058-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

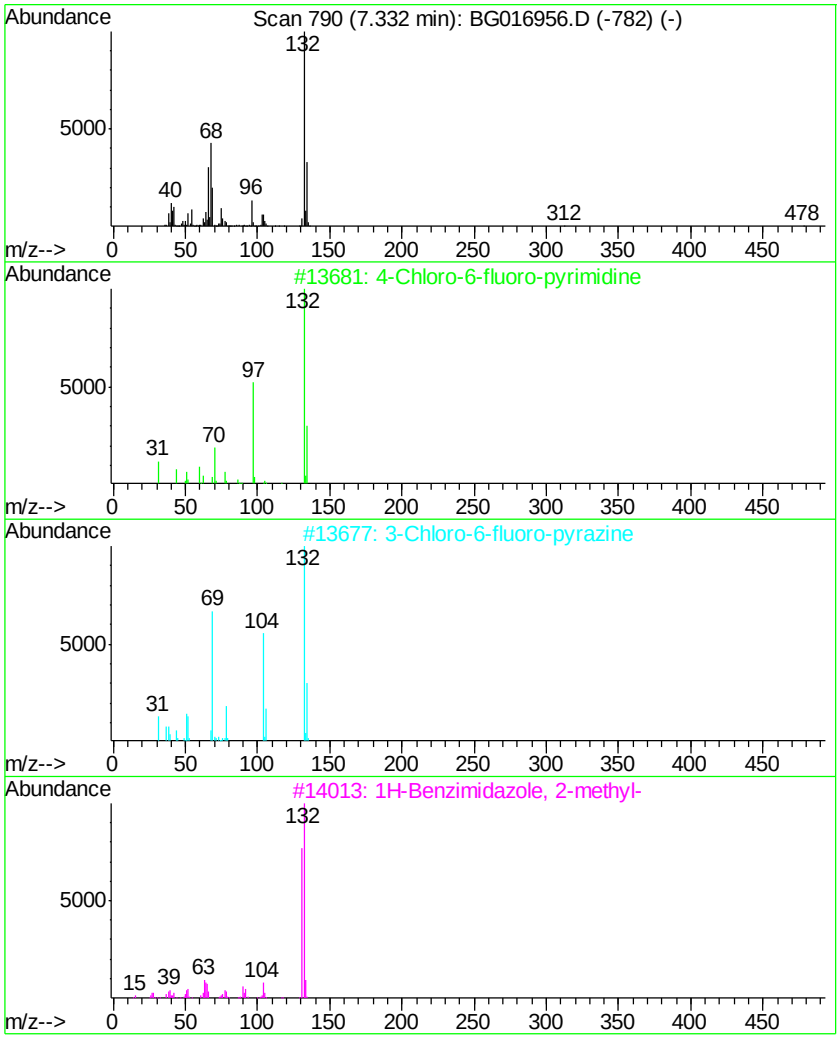
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

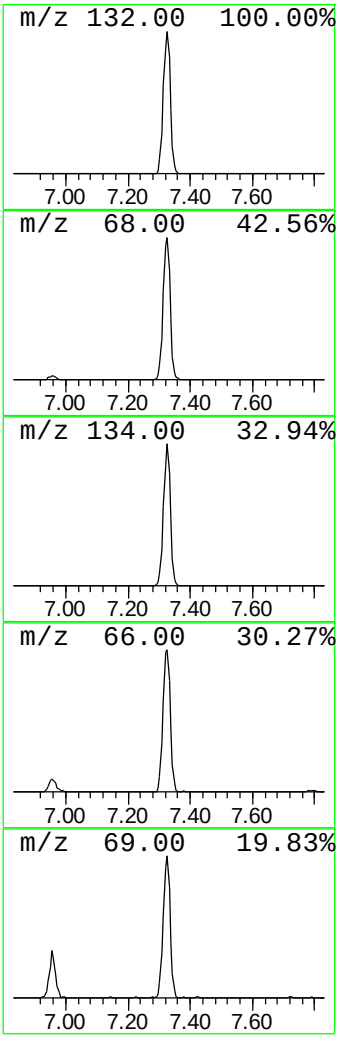
****

Peak Number 4 unknown7.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	77.63 ng	1416420	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016956.D
Acq On : 8 May 2015 14:49
Operator : TP/IZ
Sample : G2058-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

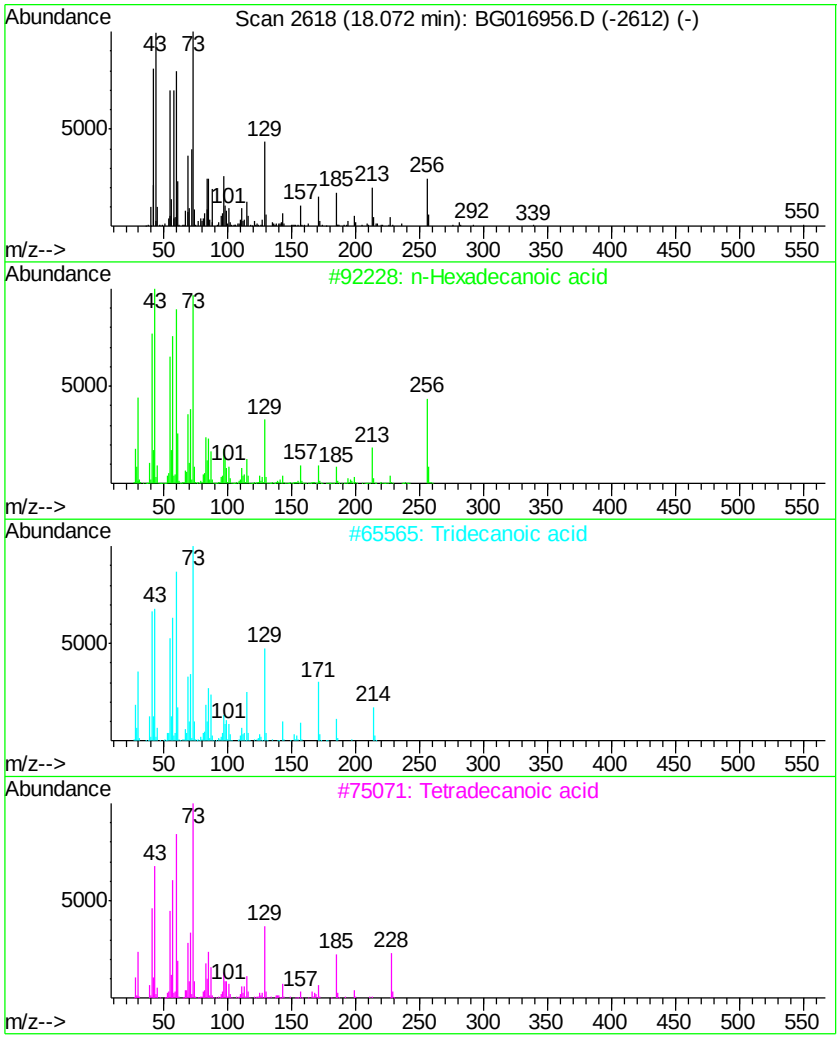
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

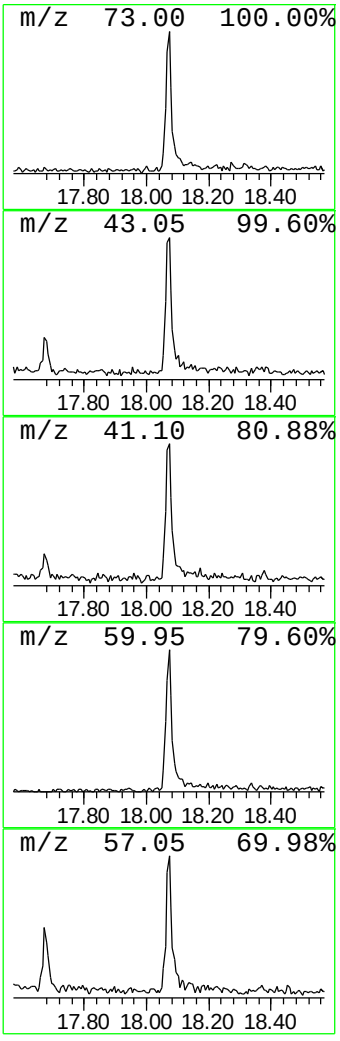
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.80 ng	303413	Phenanthrene-d10	17.17

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	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016956.D
Acq On : 8 May 2015 14:49
Operator : TP/IZ
Sample : G2058-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

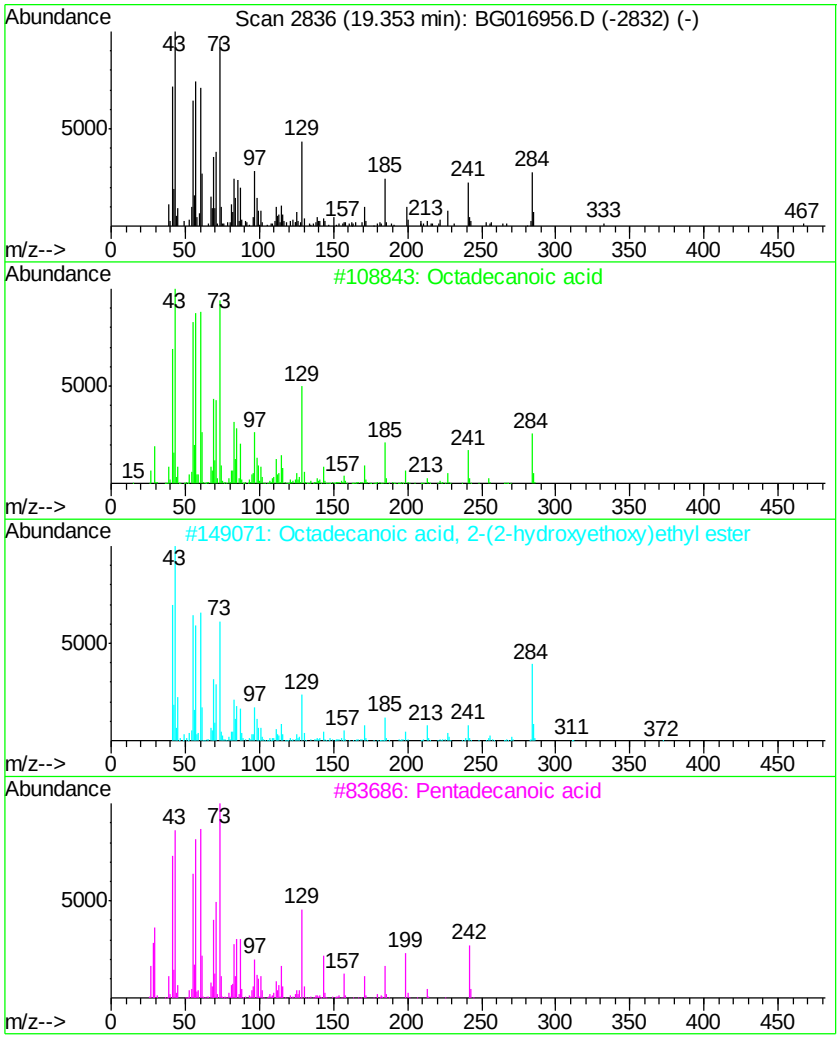
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

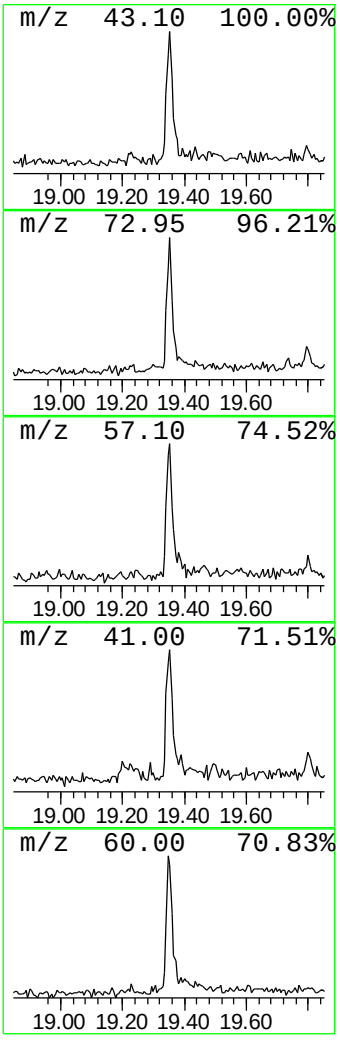
****

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.87 ng	219473	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016956.D
Acq On : 8 May 2015 14:49
Operator : TP/IZ
Sample : G2058-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

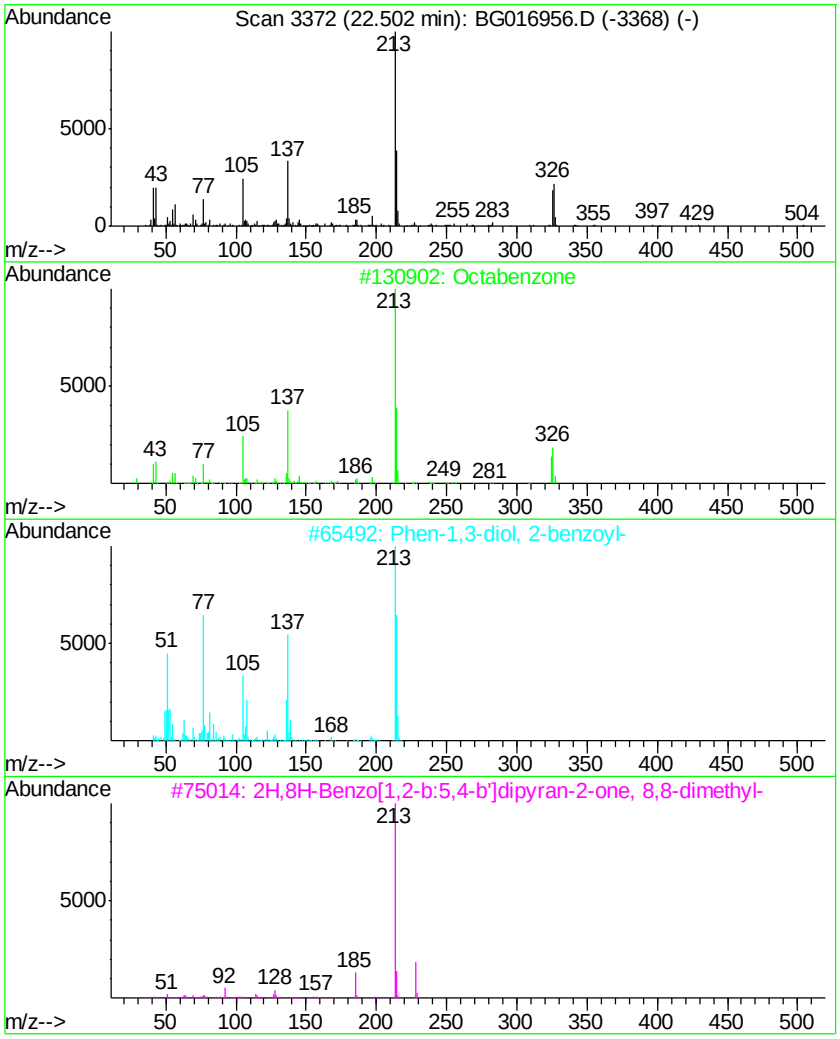
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

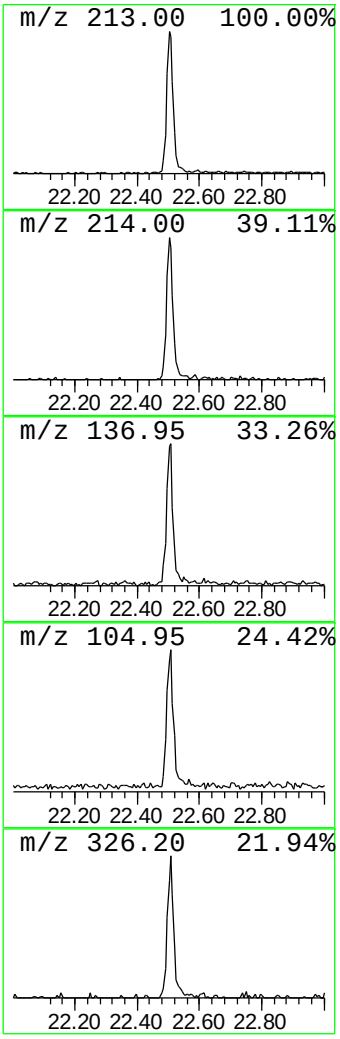
****

Peak Number 8 Octabenzone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	6.44 ng	341395	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octabenzone	326	C21H26O3	001843-05-6	95
2	Phen-1,3-diol, 2-benzoyl-	214	C13H10O3	063411-81-4	38
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	17
4	10H-Phenothiazine, 10-methyl-	213	C13H11NS	001207-72-3	17
5	Azobenzene-2-sulfenyl bromide	292	C12H9BrN2S	002849-62-9	17





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016956.D
Acq On : 8 May 2015 14:49
Operator : TP/IZ
Sample : G2058-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEM-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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...	3.00	41.2	ng	752047	1	7.80	364909	20.0
2-Pentanone, 4-hy...	4.91	2.7	ng	49746	1	7.80	364909	20.0
unknown7.33	7.33	77.6	ng	1416420	1	7.80	364909	20.0
n-Hexadecanoic acid	18.07	5.8	ng	303413	4	17.17	1045360	20.0
Octadecanoic acid	19.35	3.9	ng	219473	5	21.35	1134910	20.0
Octabenzone	22.50	6.4	ng	341395	6	23.64	1060230	20.0