LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017285.D
Acq On : 26 May 2015 19:48
Operator : TP/IZ
Sample : G2382-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-G5-G6-G7-G8

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-BG051315.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	2.734	4	8	16	rVB2	21541	33903	1.34%	0.282%
2	2.822	19	23	28	rBV	89919	109514	4.34%	0.912%
3	4.773	350	355	362	rVB	78244	108328	4.30%	0.902%
4	5.261	431	438	449	rBV	638126	882519	34.99%	7.348%
5	6.871	700	712	721	rBV	655959	1001469	39.71%	8.339%
6	7.206	762	769	780	rBV	649353	974045	38.62%	8.110%
7	7.664	840	847	853	rVB	108712	166975	6.62%	1.390%
8	7.981	894	901	909	rVB	428438	660099	26.17%	5.496%
9	8.827	1036	1045	1052	rBV	369252	613910	24.34%	5.112%
10	10.455	1315	1322	1329	rBV	137838	224789	8.91%	1.872%
11	12.940	1736	1745	1752	rBV	899610	1283186	50.88%	10.684%
12	13.780	1882	1888	1895	rVB	34085	48616	1.93%	0.405%
13	14.321	1974	1980	1987	rBV2	220133	318848	12.64%	2.655%
14	15.819	2228	2235	2247	rBV	1036285	1391671	55.18%	11.588%
15	17.070	2442	2448	2454	rBV2	328813	457454	18.14%	3.809%
16	17.969	2597	2601	2610	rBV2	54359	83887	3.33%	0.698%
17	19.703	2890	2896	2903	rBV	2075671	2521987	100.00%	20.999%
18	20.966	3107	3111	3117	rBV3	58344	75382	2.99%	0.628%
19	21.254	3155	3160	3165	rBV	439966	551949	21.89%	4.596%
20	23.498	3536	3542	3549	rBV2	264678	501500	19.89%	4.176%

Sum of corrected areas: 12010031

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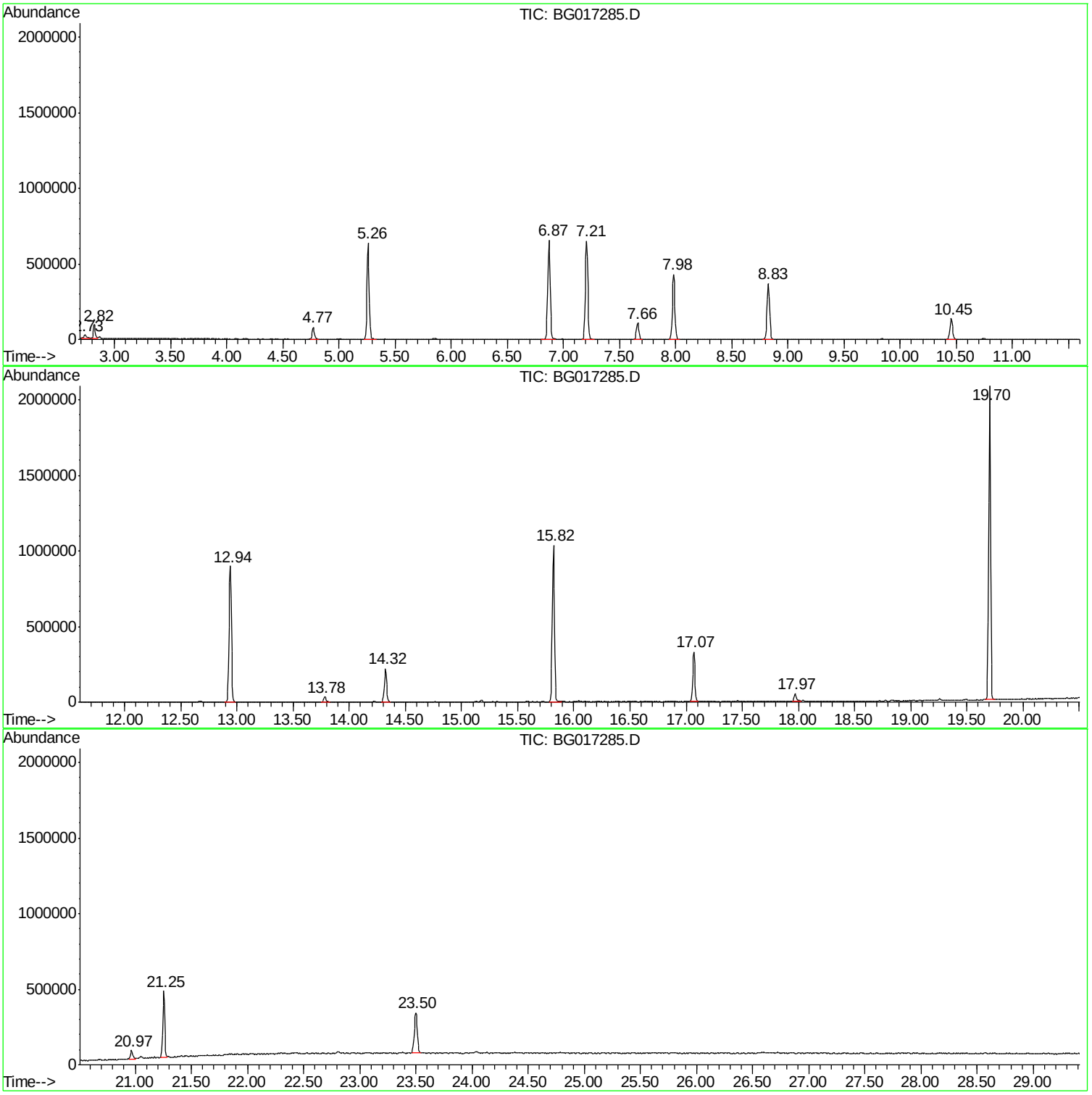
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-G5-G6-G7-G8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BG017285.D
Acq On : 26 May 2015 19:48
Operator : TP/IZ
Sample : G2382-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-G5-G6-G7-G8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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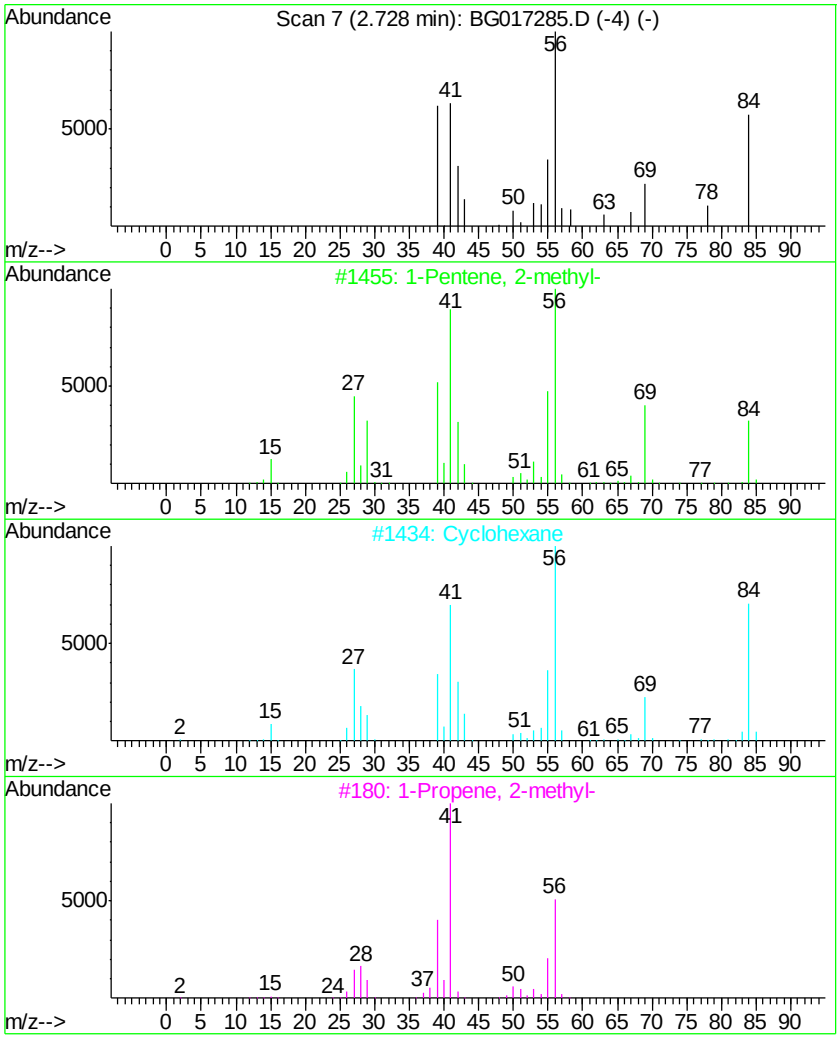
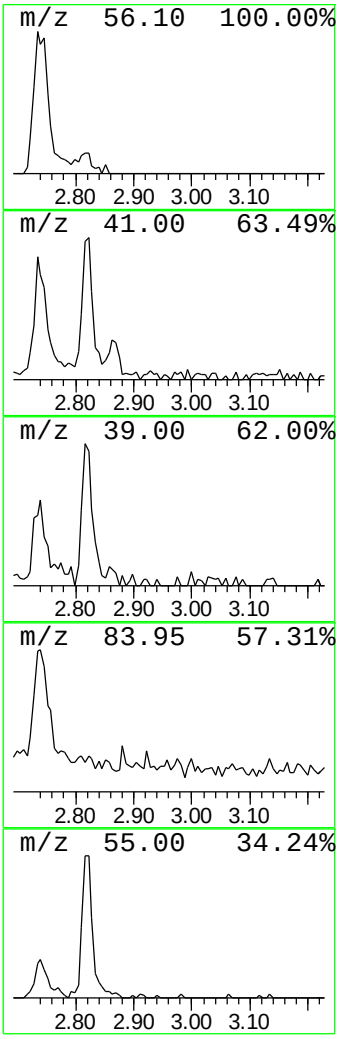
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	4.06 ng	33903	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2	Cyclohexane	84	C6H12	000110-82-7	64
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	53
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	53
5	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017285.D
Acq On : 26 May 2015 19:48
Operator : TP/IZ
Sample : G2382-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-G5-G6-G7-G8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

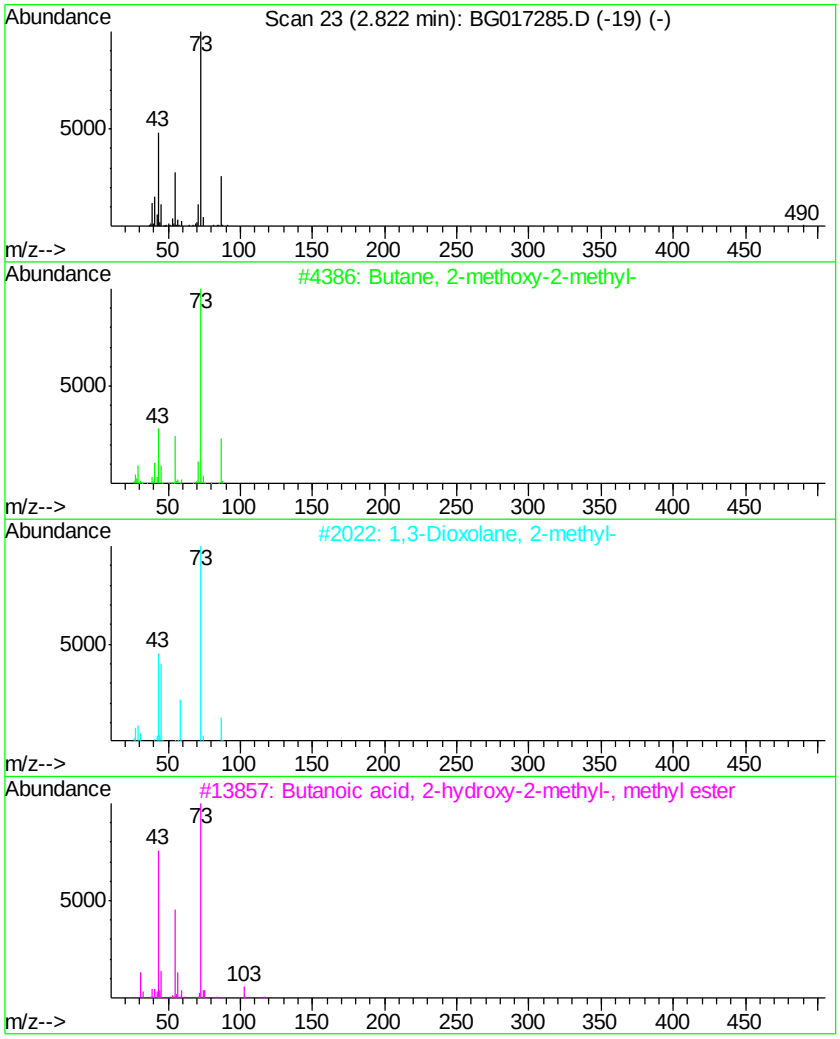
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

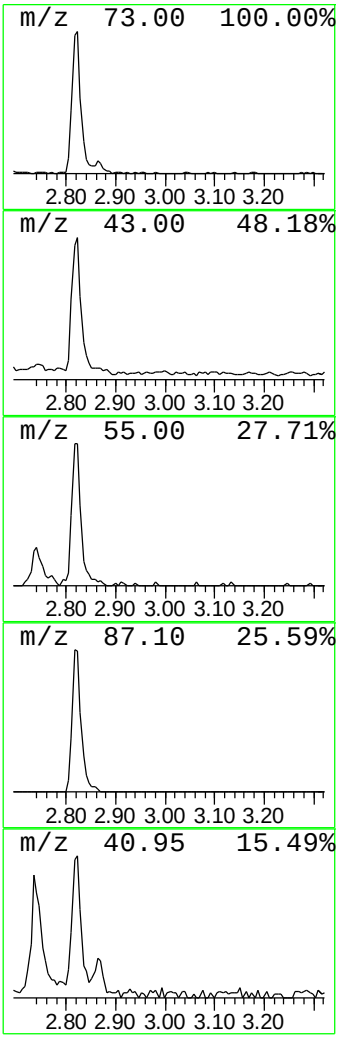
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	13.12 ng	109514	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23





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Data File : BG017285.D
Acq On : 26 May 2015 19:48
Operator : TP/IZ
Sample : G2382-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-G5-G6-G7-G8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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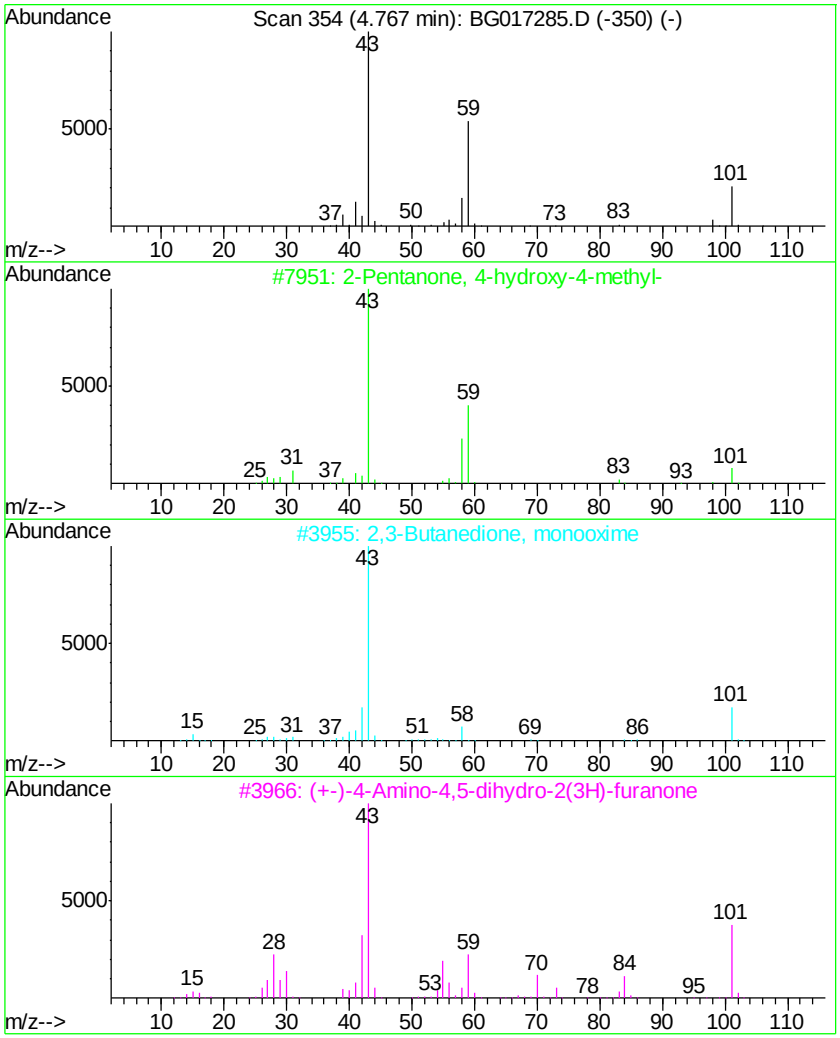
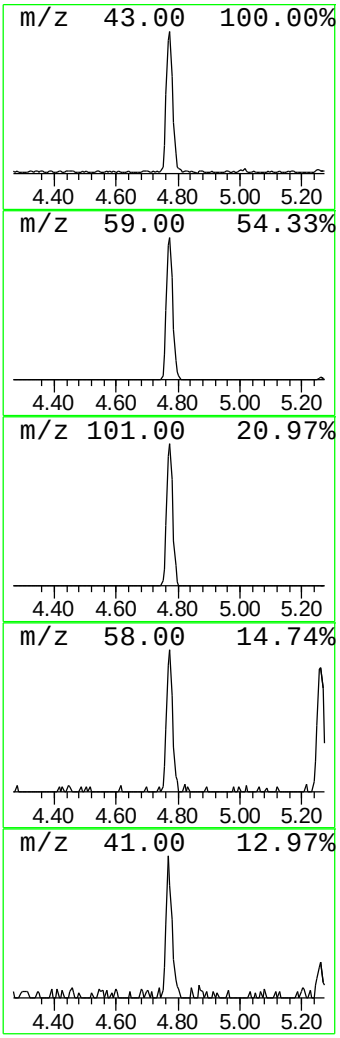
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	12.98 ng	108328	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BG017285.D
Acq On : 26 May 2015 19:48
Operator : TP/IZ
Sample : G2382-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-G5-G6-G7-G8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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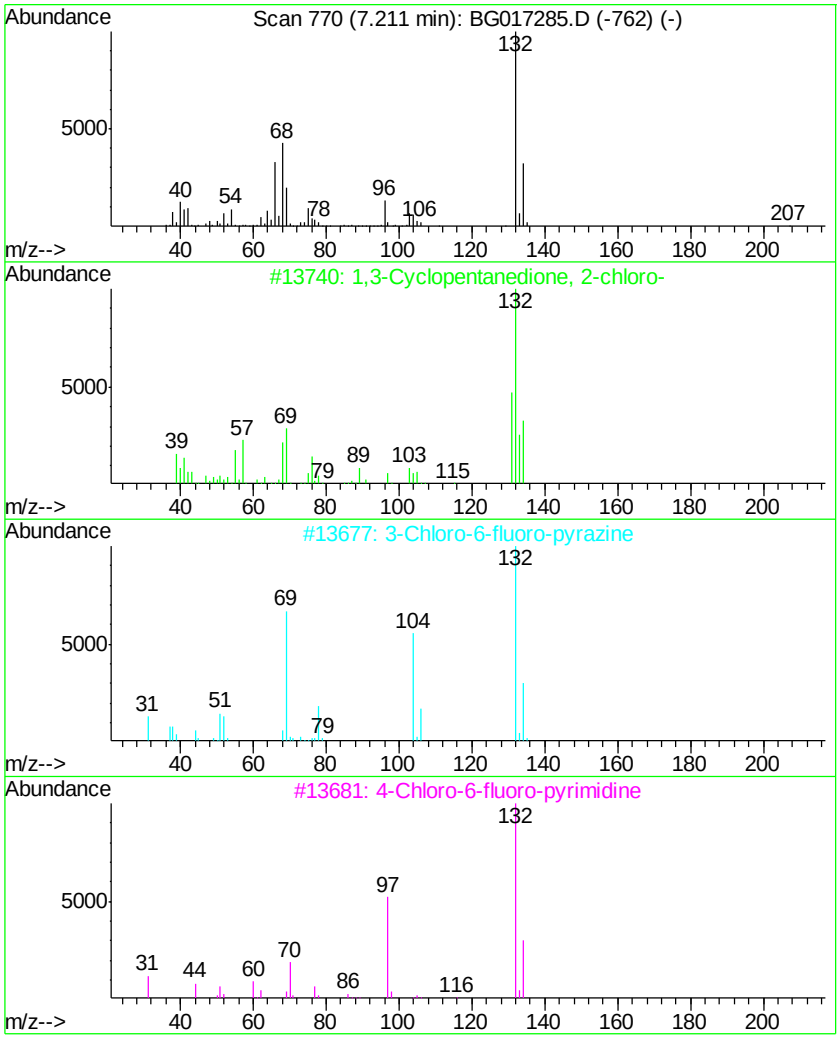
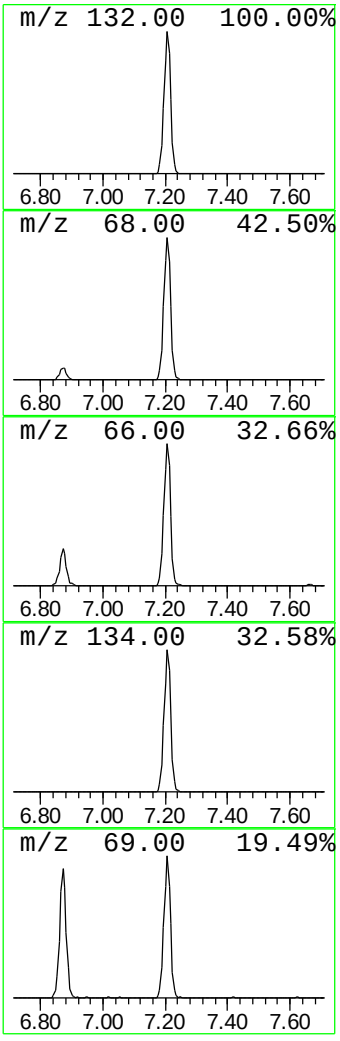
Peak Number 4 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	116.67 ng	974045	1,4-Dichlorobenzene-d4	7.66

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





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Acq On : 26 May 2015 19:48
Operator : TP/IZ
Sample : G2382-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-G5-G6-G7-G8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

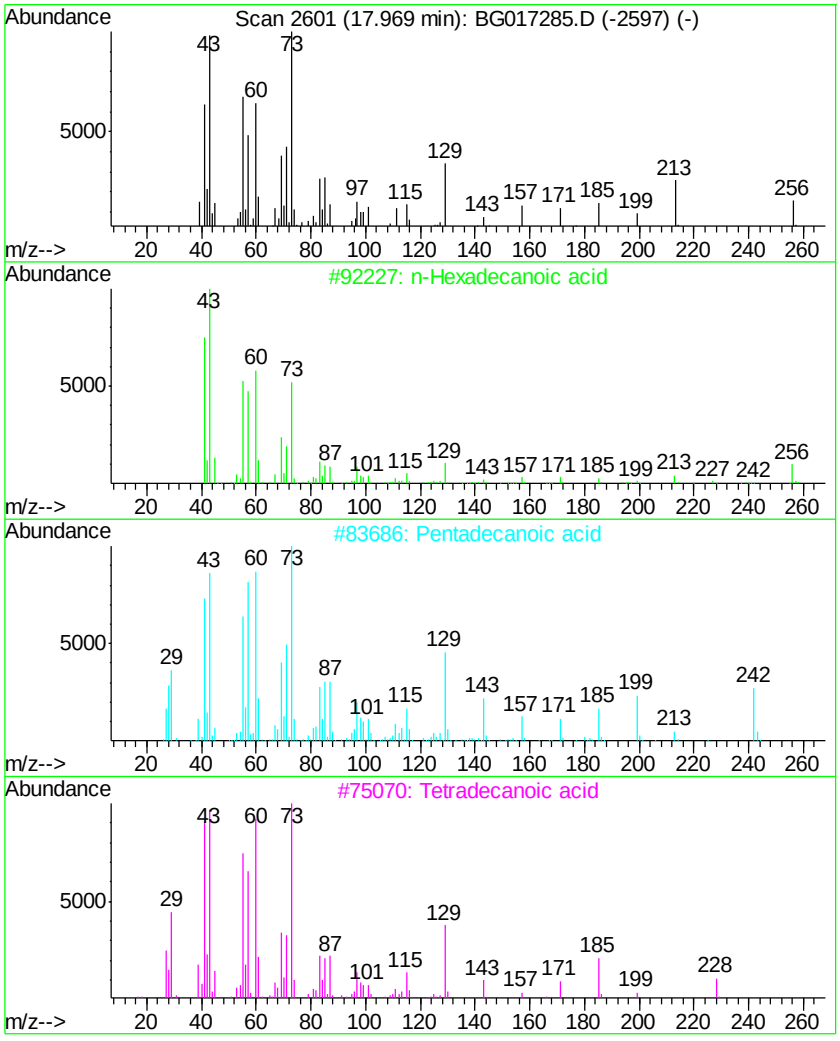
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

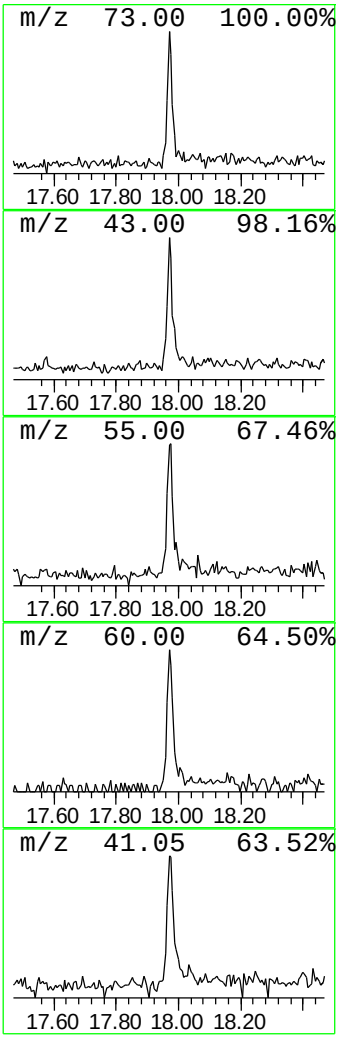
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.67 ng	83887	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43





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Operator : TP/IZ
Sample : G2382-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-G5-G6-G7-G8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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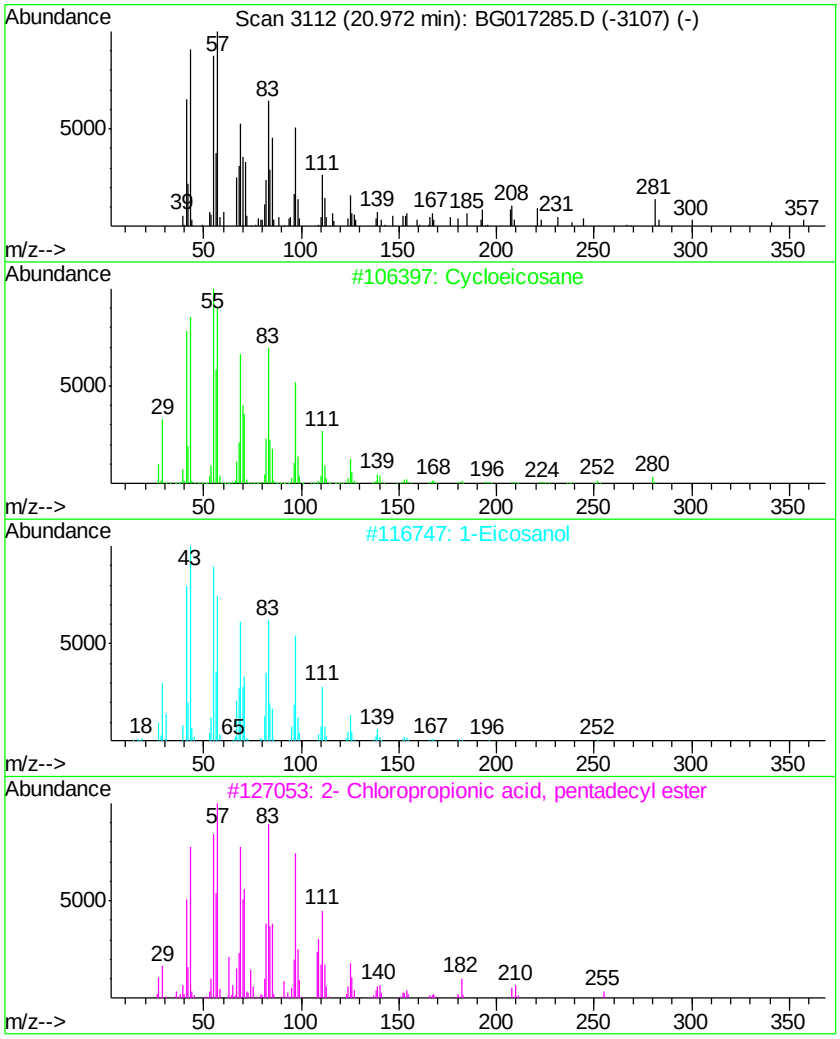
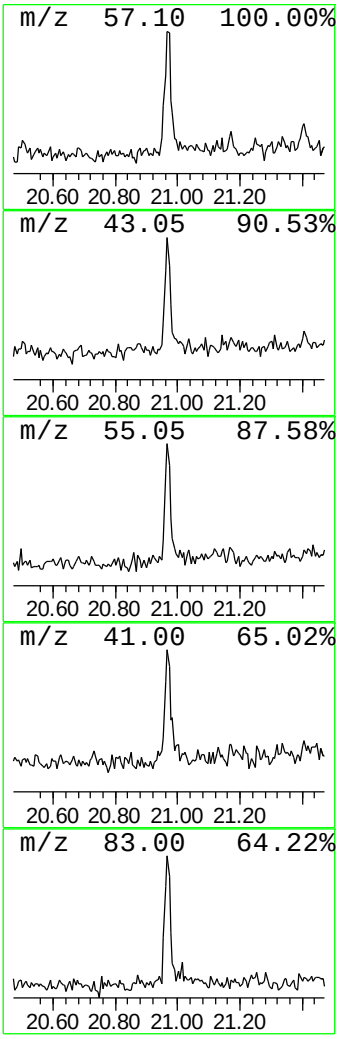
Peak Number 7 Cycloeicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.73 ng	75382	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	1-Eicosanol	298	C20H42O	000629-96-9	93
3	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	90
4	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	90
5	Cyclotetracosane	336	C24H48	000297-03-0	81





Tentatively Identified Compound (LSC) summary

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Operator : TP/IZ
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-G5-G6-G7-G8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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
1-Pentene, 2-methyl-	2.73	4.1	ng	33903	1	7.66	166975	20.0
Butane, 2-methoxy...	2.82	13.1	ng	109514	1	7.66	166975	20.0
2-Pentanone, 4-hy...	4.77	13.0	ng	108328	1	7.66	166975	20.0
unknown7.21	7.21	116.7	ng	974045	1	7.66	166975	20.0
n-Hexadecanoic acid	17.97	3.7	ng	83887	4	17.07	457454	20.0
Cycloeicosane	20.97	2.7	ng	75382	5	21.25	551949	20.0