LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017322.D
Acq On : 28 May 2015 13:20
Operator : TP/IZ
Sample : G2383-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-HF-3

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	2.728	3	7	16	rBV3	29343	53606	2.21%	0.533%
2	2.816	18	22	28	rVB	169399	221778	9.16%	2.205%
3	4.761	347	353	360	rVB	18945	29383	1.21%	0.292%
4	5.249	430	436	444	rVB	309245	437927	18.09%	4.354%
5	6.717	681	686	691	rBV4	14636	29462	1.22%	0.293%
6	6.858	703	710	718	rBV	212890	330551	13.65%	3.286%
7	7.193	760	767	775	rBV	459066	709731	29.31%	7.056%
8	7.652	840	845	853	rVB	101484	159387	6.58%	1.585%
9	7.975	893	900	907	rVB	394415	611755	25.27%	6.082%
10	8.815	1034	1043	1054	rBV	346113	555164	22.93%	5.520%
11	10.448	1313	1321	1327	rBV	127447	216543	8.94%	2.153%
12	12.663	1693	1698	1704	rVB2	31659	48942	2.02%	0.487%
13	12.934	1736	1744	1752	rVB	885150	1295986	53.52%	12.885%
14	14.314	1973	1979	1987	rBV2	210998	305184	12.60%	3.034%
15	15.119	2112	2116	2119	rBV	16191	24616	1.02%	0.245%
16	15.813	2227	2234	2242	rBV	749991	1037123	42.83%	10.311%
17	17.064	2441	2447	2454	rVB2	288950	393351	16.25%	3.911%
18	17.969	2596	2601	2607	rBV2	51039	71935	2.97%	0.715%
19	19.250	2816	2819	2826	rBV4	17338	25579	1.06%	0.254%
20	19.702	2890	2896	2901	rBV	1980289	2421338	100.00%	24.073%
21	21.165	3140	3145	3150	rBV	27713	41419	1.71%	0.412%
22	21.247	3154	3159	3167	rVV	425493	527340	21.78%	5.243%
23	23.492	3533	3541	3551	rBV2	262074	510103	21.07%	5.072%

Sum of corrected areas: 10058203

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017322.D
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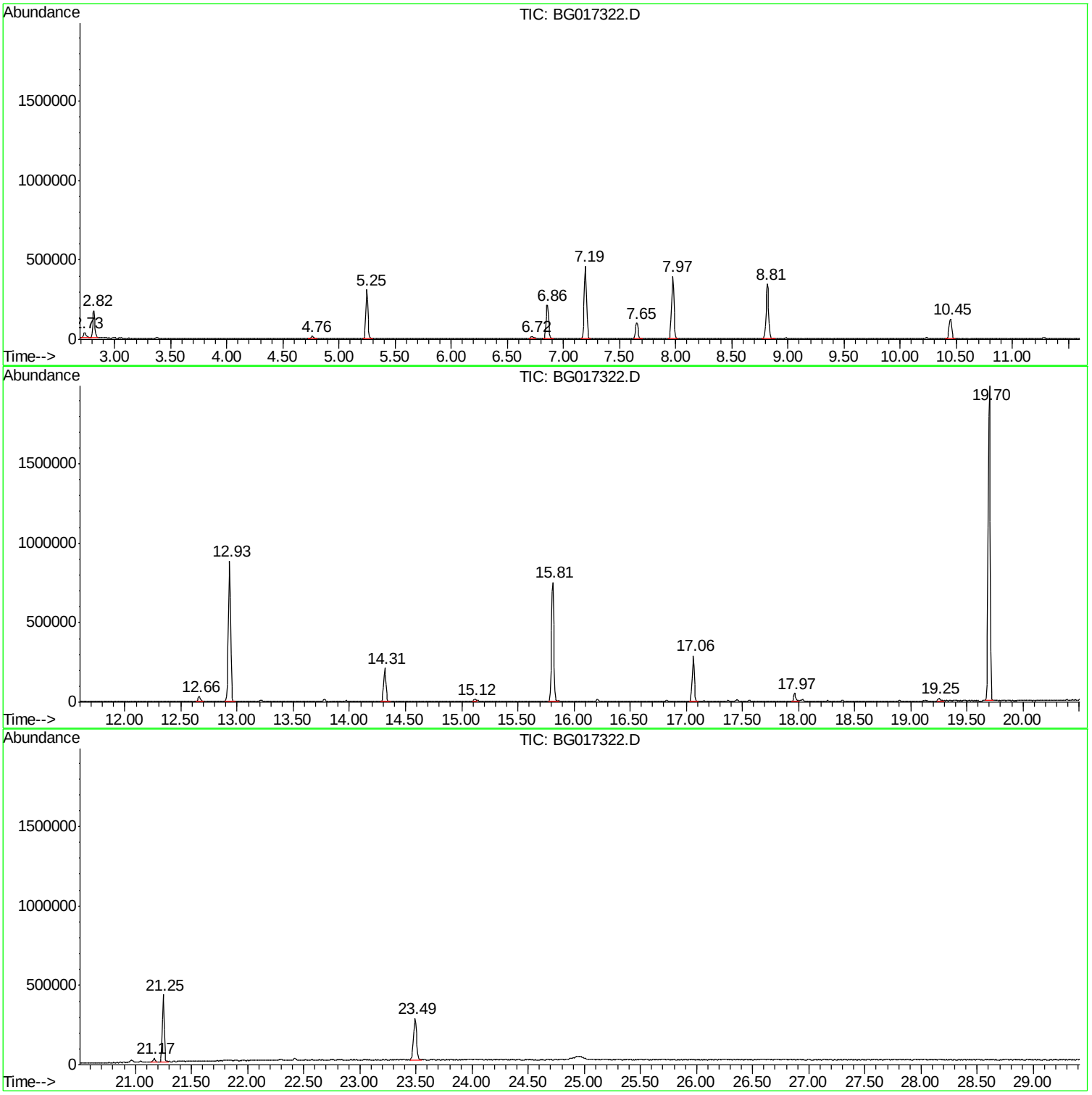
Operator : TP/IZ
Sample : G2383-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-HF-3

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017322.D
Acq On : 28 May 2015 13:20
Operator : TP/IZ
Sample : G2383-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-HF-3

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

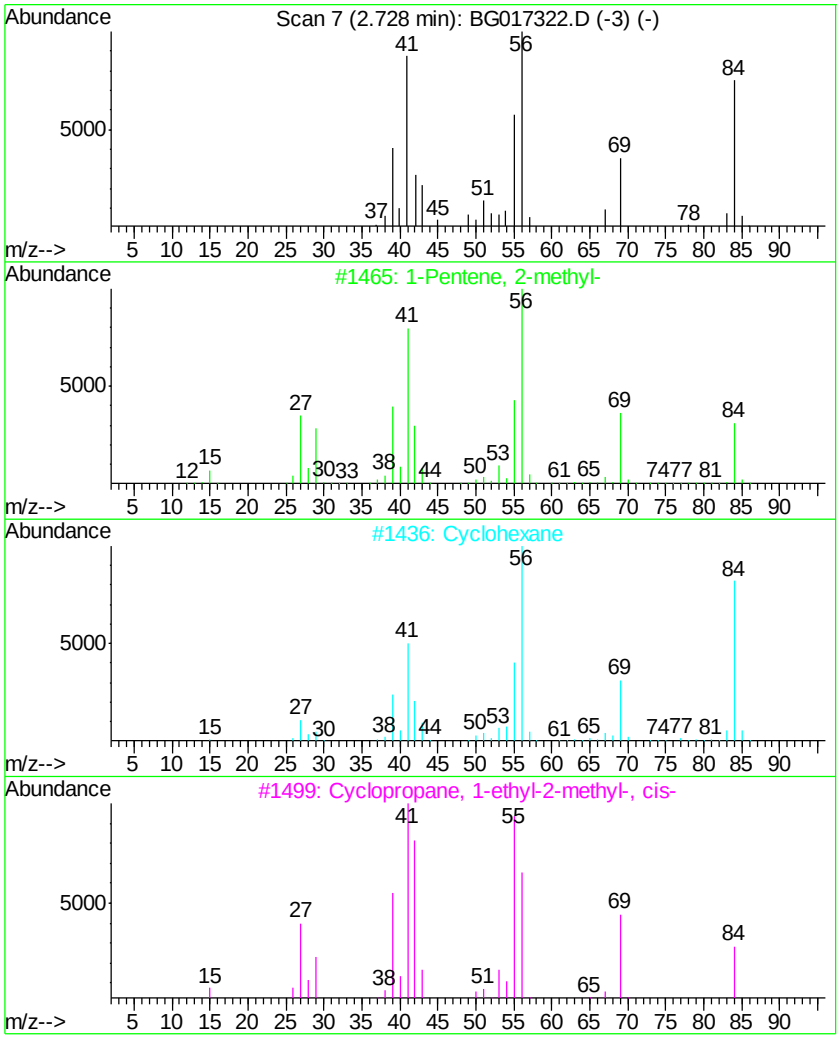
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

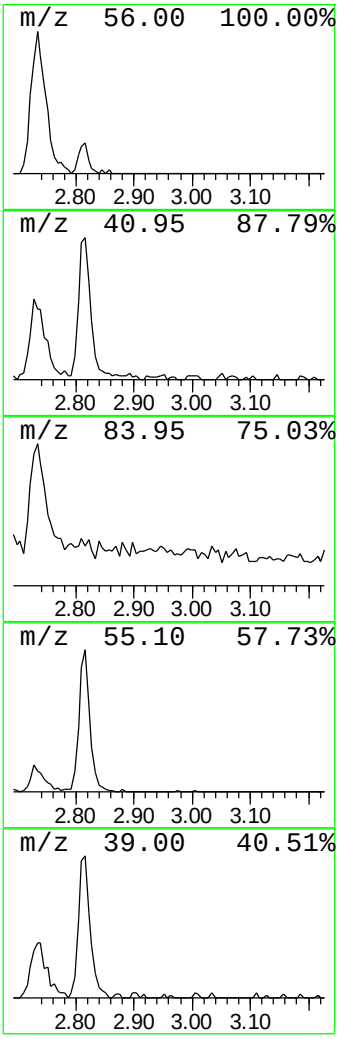
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	6.73 ng	53606	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	86
2	Cyclohexane	84	C6H12	000110-82-7	74
3	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	72
4	Cyclopentanone	84	C5H8O	000120-92-3	47
5	2-Butene, (E)-	56	C4H8	000624-64-6	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017322.D
Acq On : 28 May 2015 13:20
Operator : TP/IZ
Sample : G2383-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-HF-3

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

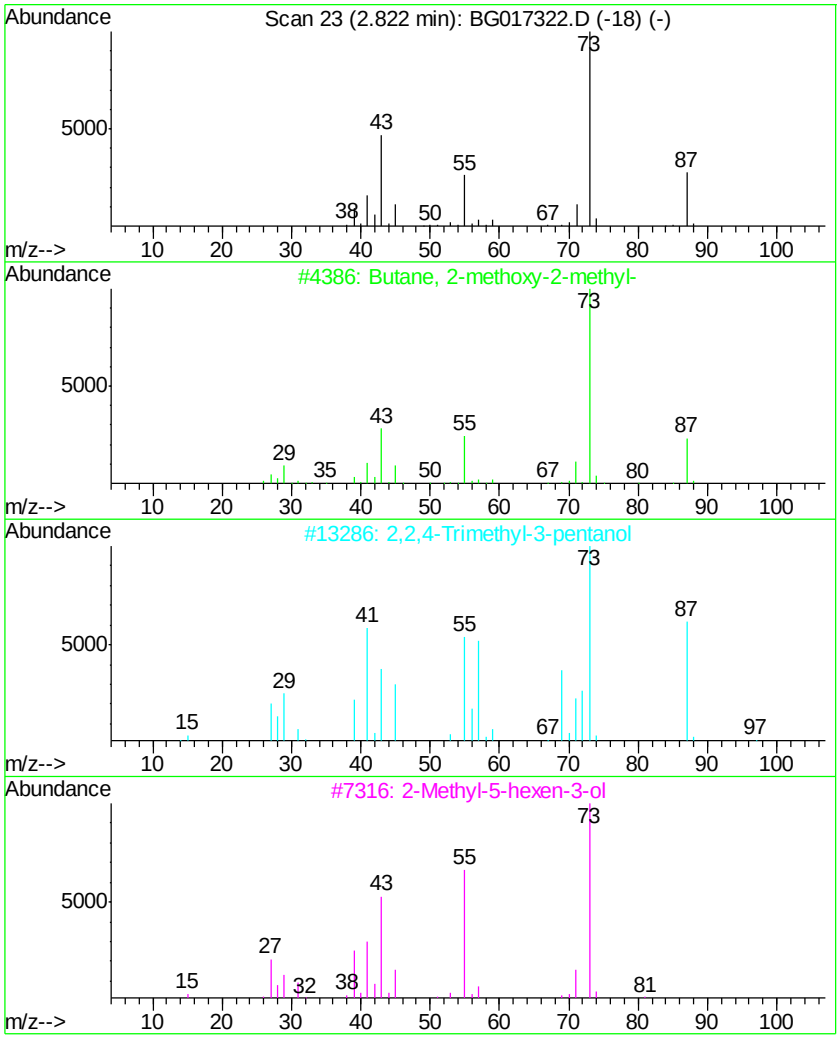
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

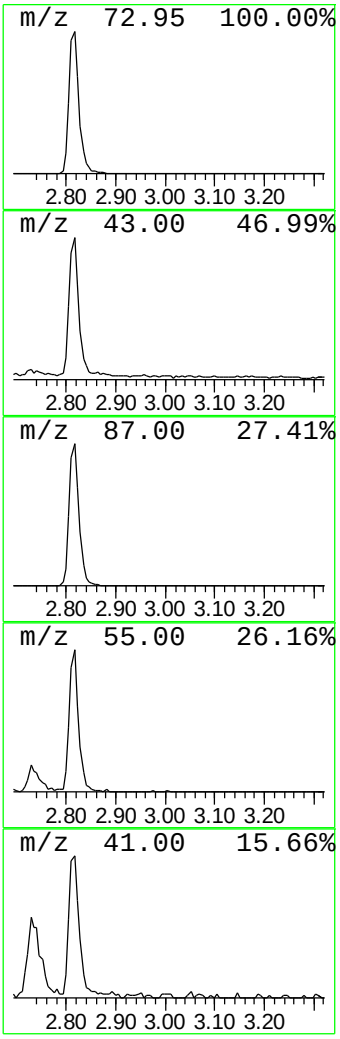
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	27.83 ng	221778	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017322.D
Acq On : 28 May 2015 13:20
Operator : TP/IZ
Sample : G2383-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-HF-3

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

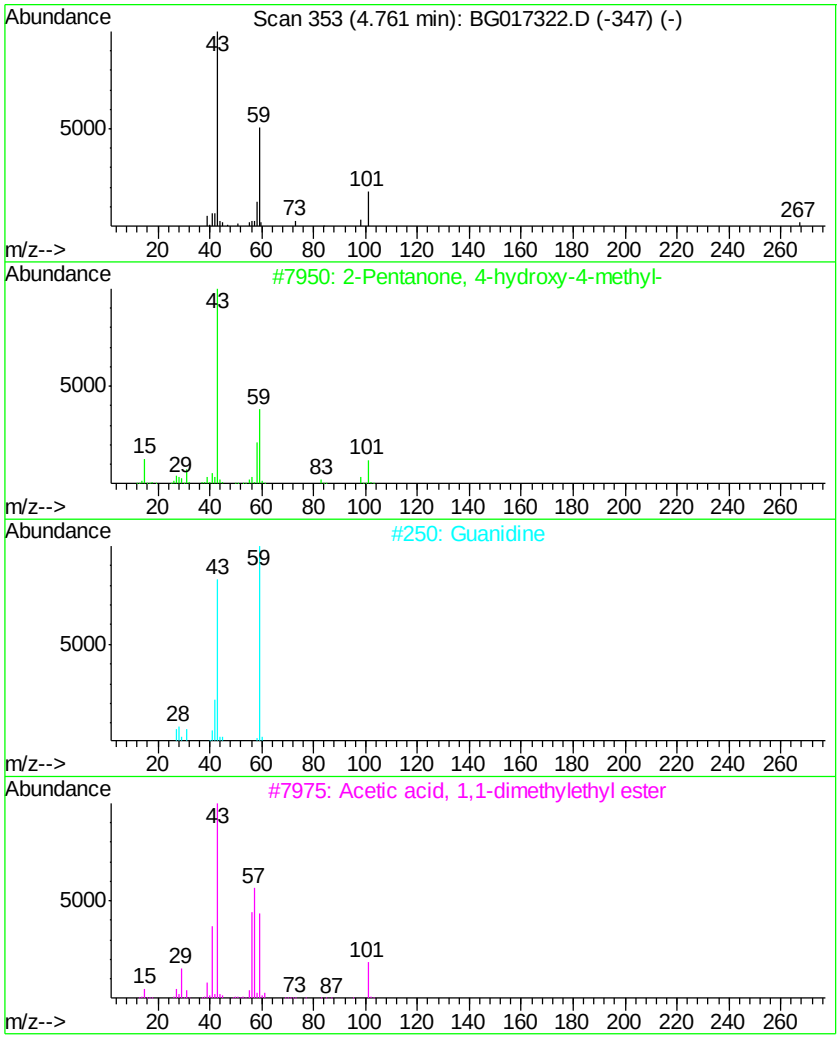
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

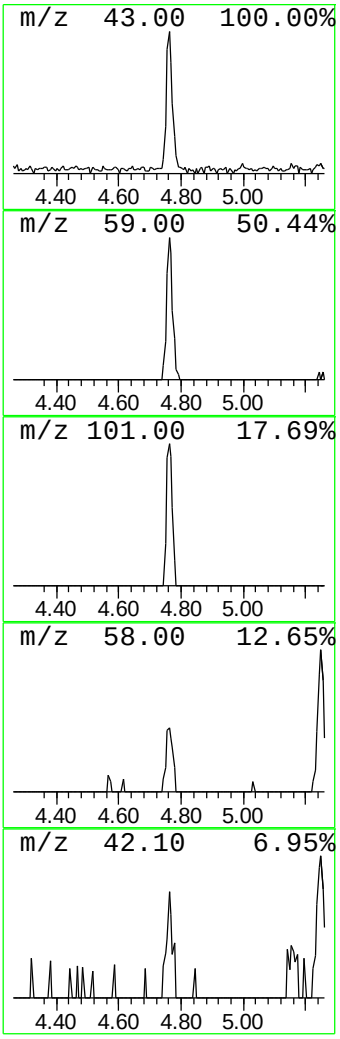
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	3.69 ng	29383	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	64
2	Guanidine	59	CH5N3	000113-00-8	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17





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Data File : BG017322.D
Acq On : 28 May 2015 13:20
Operator : TP/IZ
Sample : G2383-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-HF-3

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

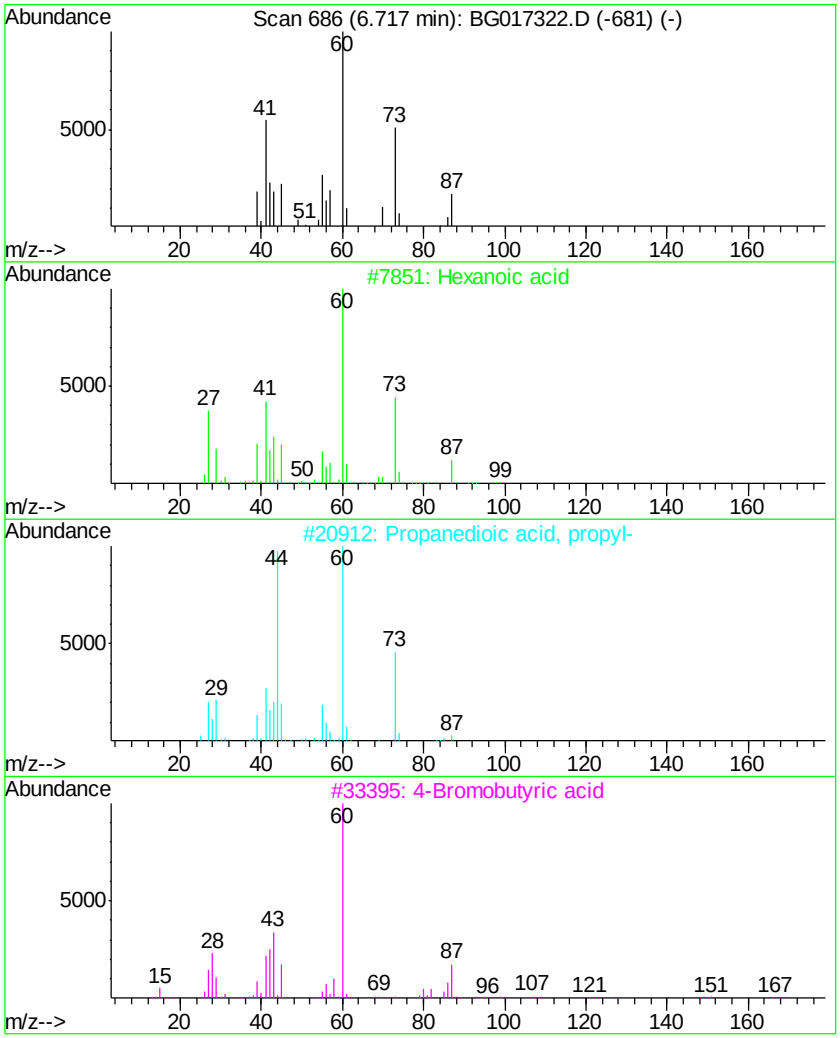
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

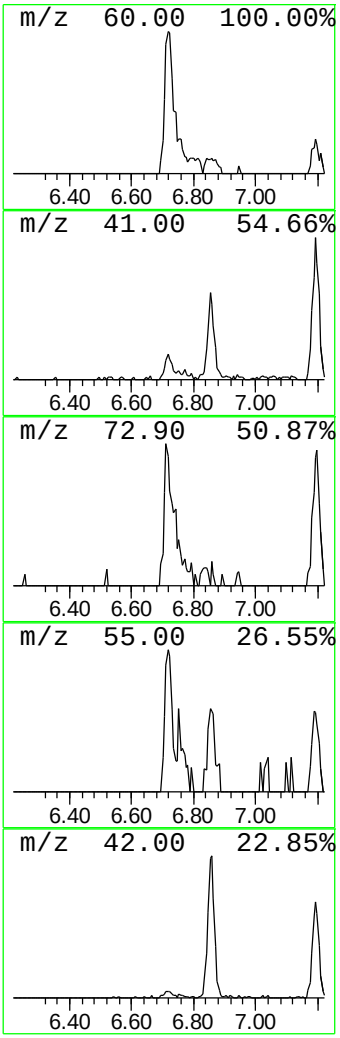
****

Peak Number 4 Hexanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	3.70 ng	29462	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	72
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
3	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	36
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	33
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017322.D
Acq On : 28 May 2015 13:20
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-HF-3

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

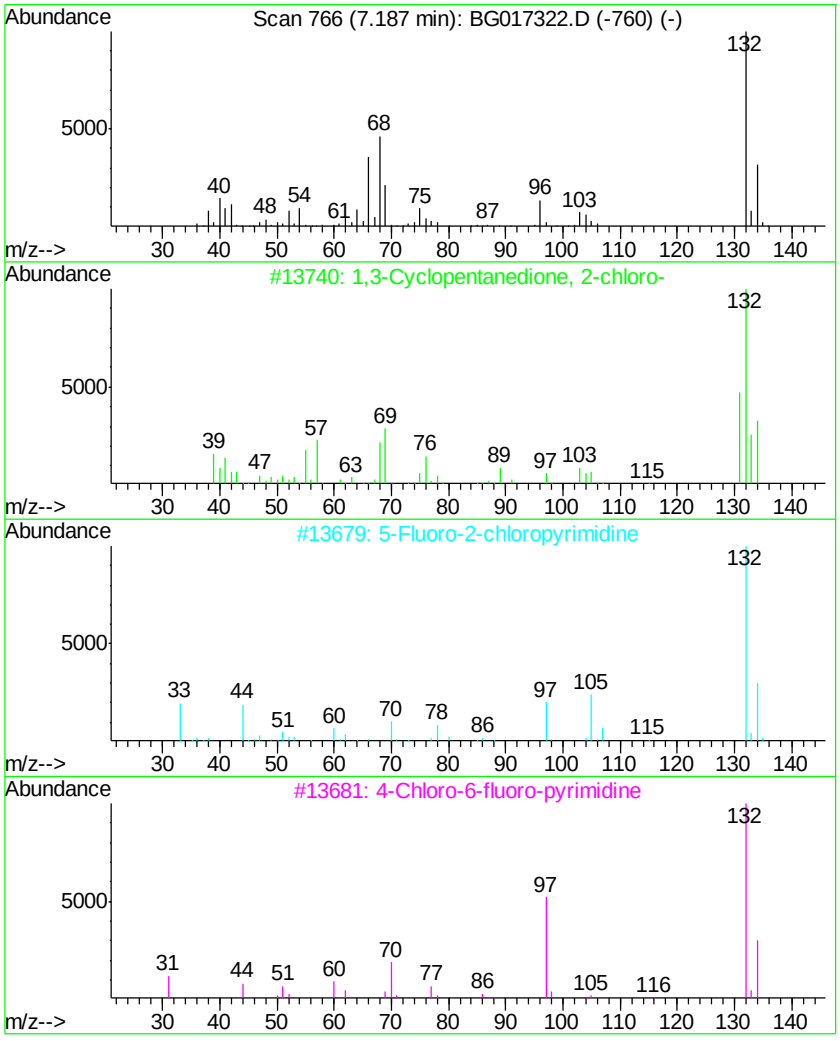
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

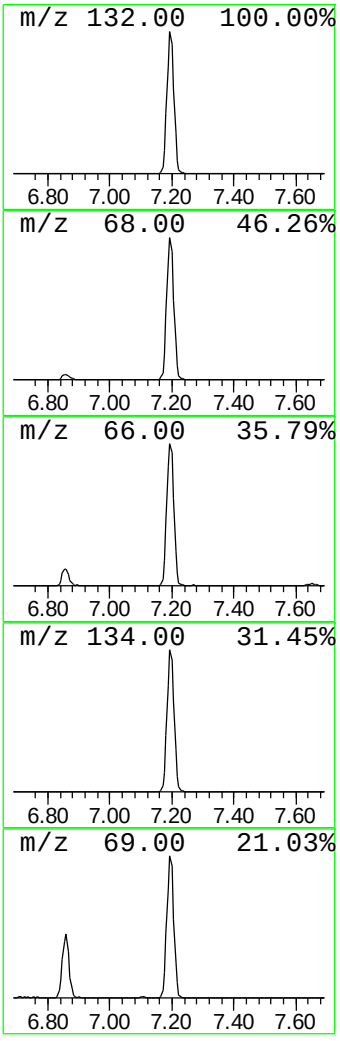
****

Peak Number 5 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	89.06 ng	709731	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Instrument : BNA_G
ClientSampleId : GW-HF-3

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

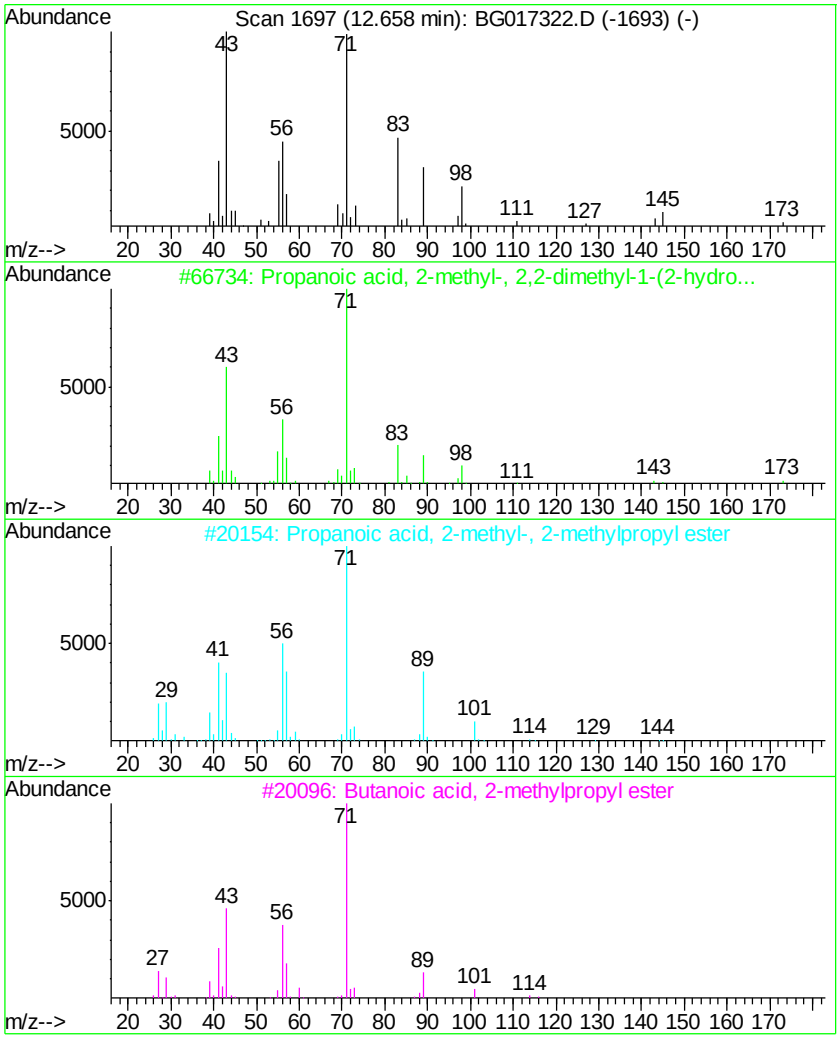
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

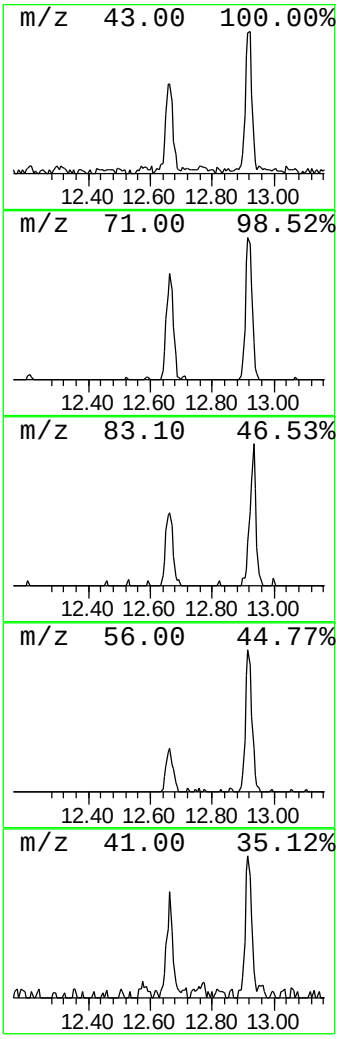
****

Peak Number 7 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	3.21 ng	48942	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	78
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	53
3	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	42
4	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	39
5	Cyclohexane, (3,3-dimethylpentyl)-	182	C13H26	061142-22-1	38





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Sample : G2383-10
Misc :
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Instrument : BNA_G
ClientSampleId : GW-HF-3

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

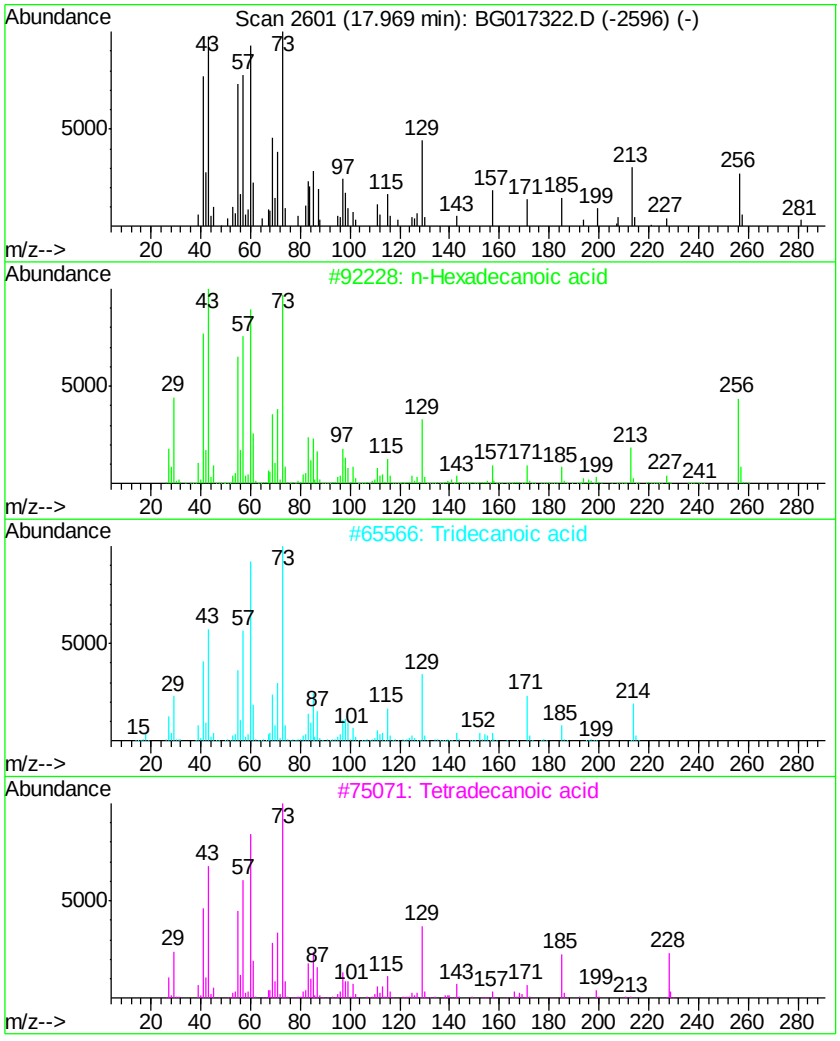
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

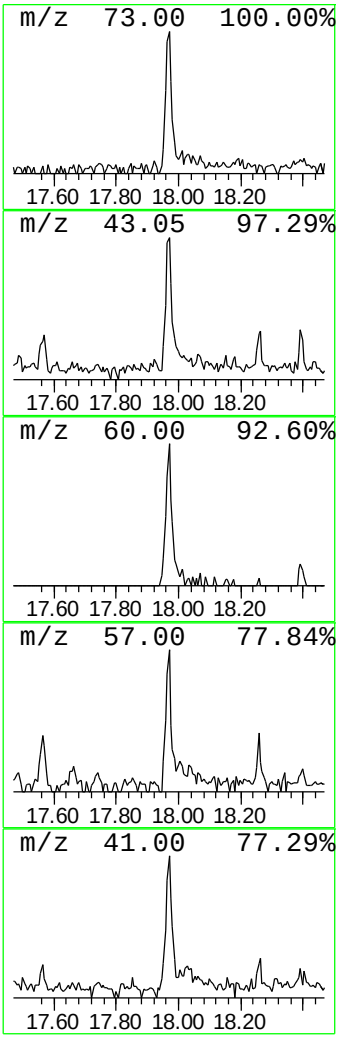
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.66 ng	71935	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Amyl Nitrite	117	C5H11NO2	000110-46-3	27
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
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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	6.7	ng	53606	1	7.66	159387	20.0
Butane, 2-methoxy...	2.82	27.8	ng	221778	1	7.66	159387	20.0
2-Pentanone, 4-hy...	4.76	3.7	ng	29383	1	7.66	159387	20.0
Hexanoic acid	6.72	3.7	ng	29462	1	7.66	159387	20.0
unknown7.19	7.19	89.1	ng	709731	1	7.66	159387	20.0
Propanoic acid, 2...	12.66	3.2	ng	48942	3	14.31	305184	20.0
n-Hexadecanoic acid	17.97	3.7	ng	71935	4	17.06	393351	20.0