LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016958.D
Acq On : 8 May 2015 15:59
Operator : TP/IZ
Sample : G2058-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-48

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	2.917	34	39	48	rBV	287882	444352	10.16%	2.056%
2	2.994	48	52	58	rVV	528083	615043	14.06%	2.846%
3	4.909	372	378	386	rBV	34812	55034	1.26%	0.255%
4	5.373	451	457	467	rVB	492565	693749	15.86%	3.210%
5	6.960	719	727	736	rBV	338986	526147	12.03%	2.435%
6	7.324	780	789	796	rBV	908888	1395700	31.90%	6.459%
7	7.794	861	869	875	rBV	214919	333155	7.62%	1.542%
8	8.111	914	923	931	rBV	784160	1200730	27.45%	5.557%
9	8.952	1058	1066	1073	rBV	708834	1160836	26.54%	5.372%
10	10.585	1336	1344	1351	rBV	311938	521478	11.92%	2.413%
11	13.053	1757	1764	1770	rBV	1888275	2660246	60.81%	12.311%
12	14.433	1992	1999	2007	rVB2	490119	778398	17.79%	3.602%
13	14.856	2065	2071	2078	rBV2	238987	348264	7.96%	1.612%
14	15.920	2245	2252	2259	rBV	1690755	2381524	54.44%	11.021%
15	16.936	2421	2425	2428	rBV3	38916	50469	1.15%	0.234%
16	17.171	2459	2465	2472	rBV	670874	996449	22.78%	4.611%
17	17.765	2562	2566	2571	rVB	37528	51578	1.18%	0.239%
18	18.070	2613	2618	2626	rBV2	198752	297453	6.80%	1.377%
19	19.351	2831	2836	2847	rBV	169956	264541	6.05%	1.224%
20	19.804	2907	2913	2918	rVB	3461634	4374698	100.00%	20.245%
21	21.061	3124	3127	3133	rVB3	65775	80824	1.85%	0.374%
22	21.267	3158	3162	3167	rVB	262667	268861	6.15%	1.244%
23	21.349	3171	3176	3182	rBV	861854	1048925	23.98%	4.854%
24	23.646	3560	3567	3577	rVB	530066	1060755	24.25%	4.909%

Sum of corrected areas: 21609209

LSC Report - Integrated Chromatogram

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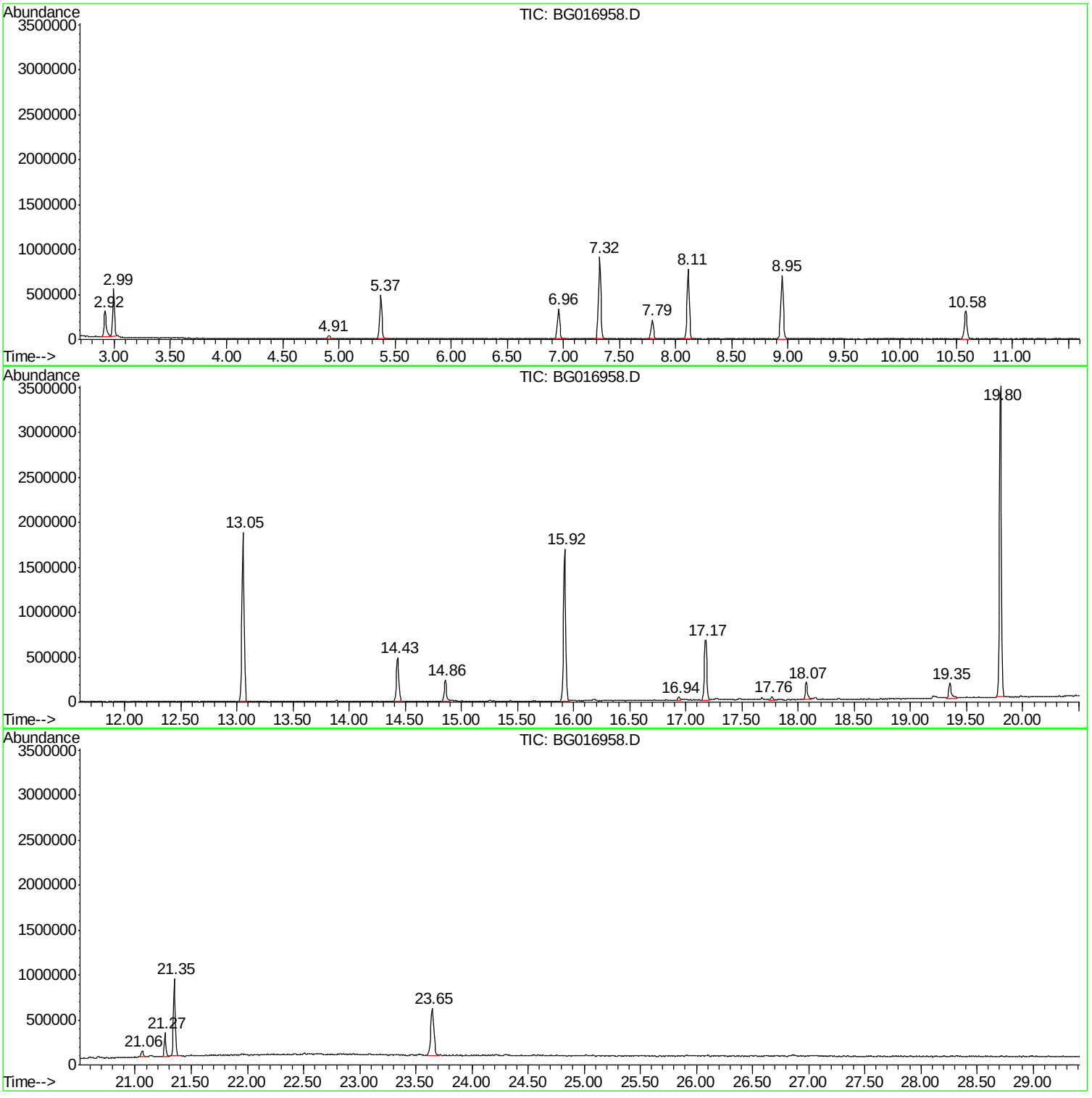
Acq On : 8 May 2015 15:59
Operator : TP/IZ
Sample : G2058-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-48

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016958.D
Acq On : 8 May 2015 15:59
Operator : TP/IZ
Sample : G2058-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-48

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

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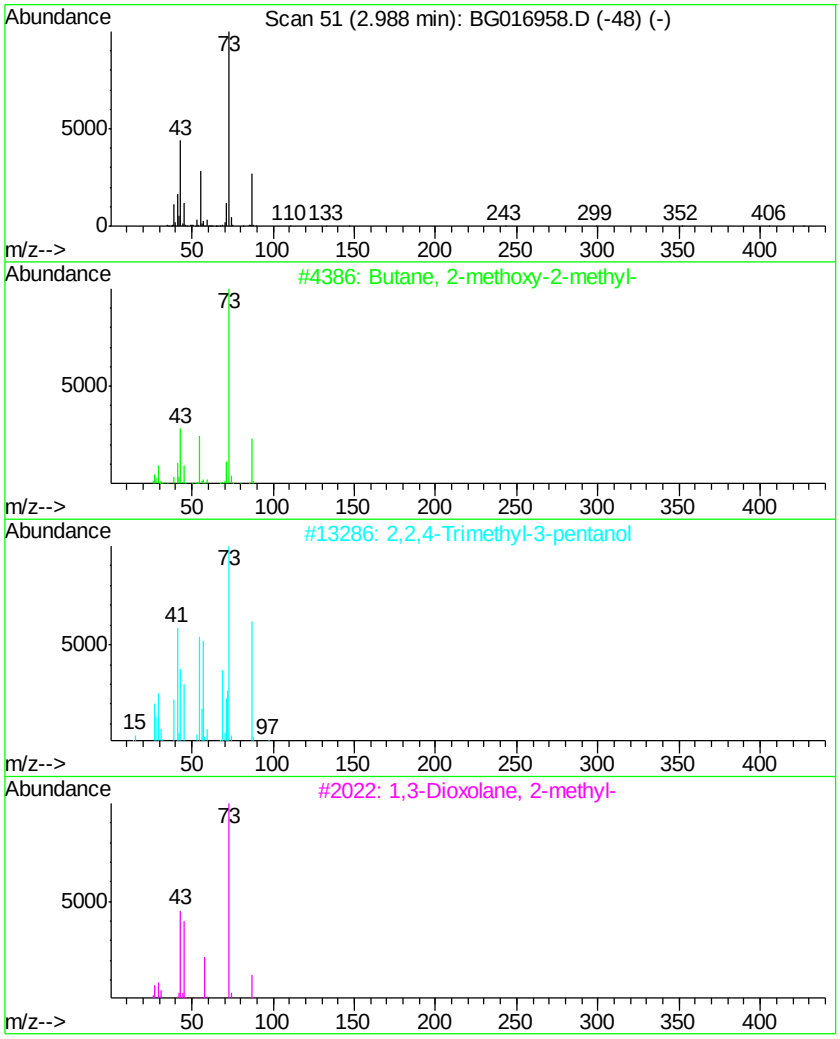
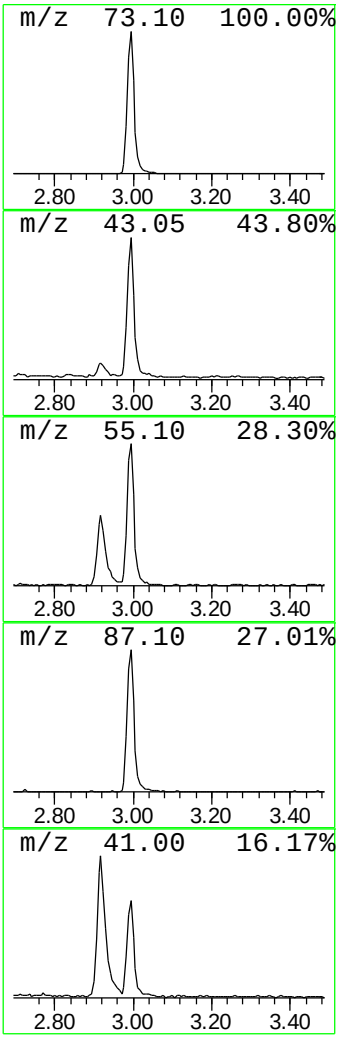
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	36.92 ng	615043	1,4-Dichlorobenzene-d4	7.79

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	50
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016958.D
Acq On : 8 May 2015 15:59
Operator : TP/IZ
Sample : G2058-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-48

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

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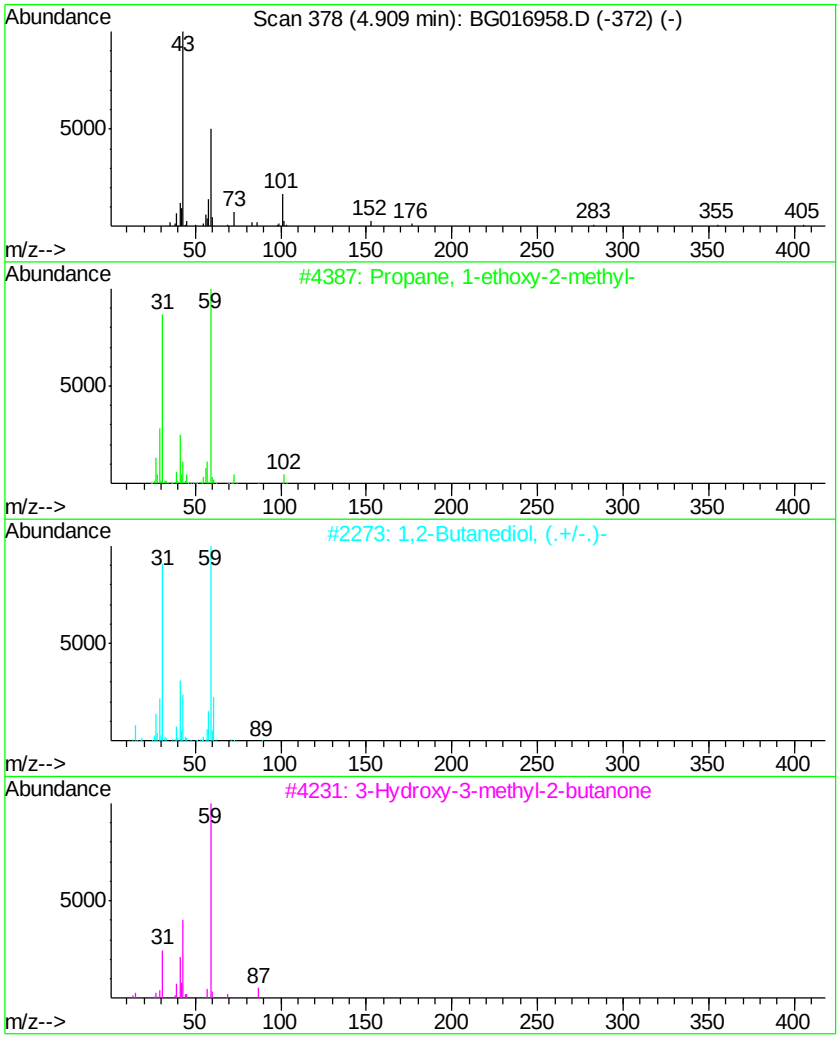
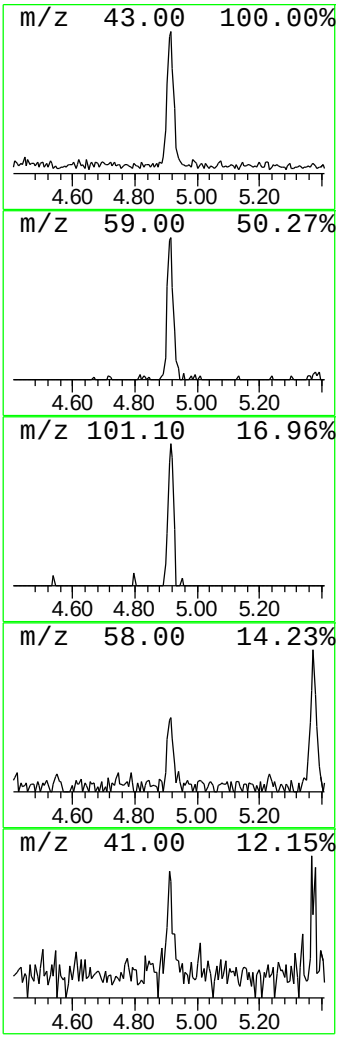
Peak Number 3 unknown4.91 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.30 ng	55034	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
2	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	Silane, dimethyl-	60	C2H8Si	001111-74-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016958.D
Acq On : 8 May 2015 15:59
Operator : TP/IZ
Sample : G2058-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-48

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

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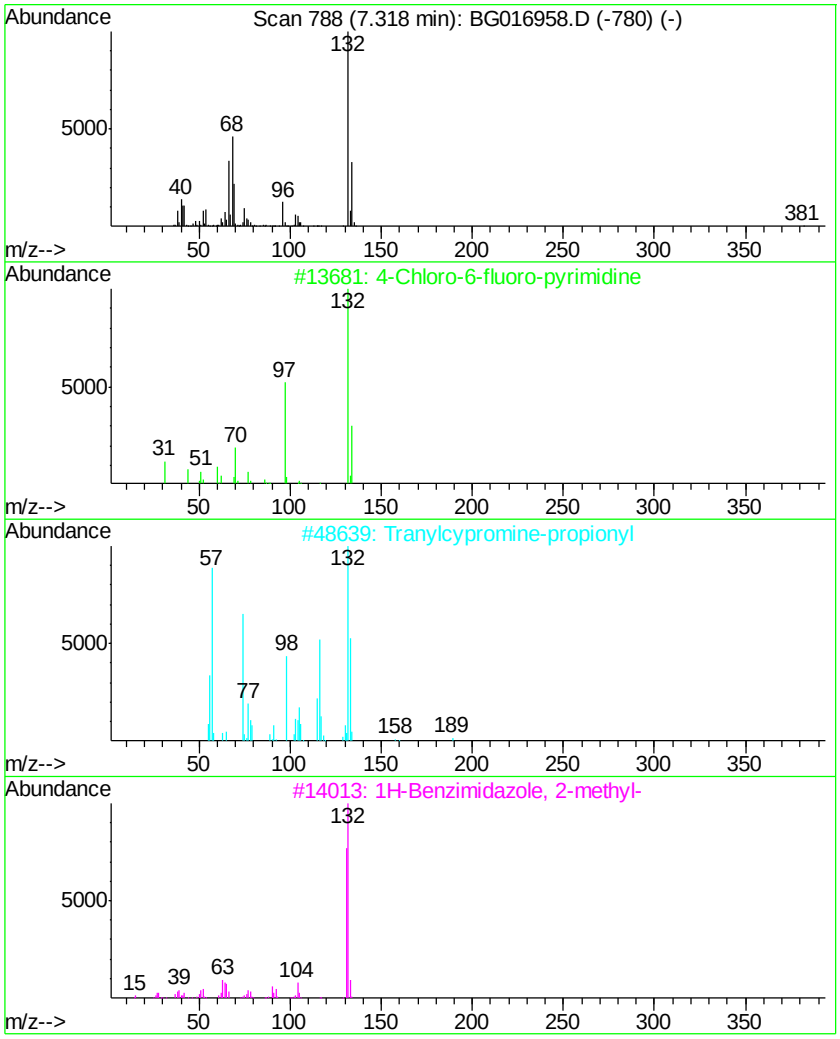
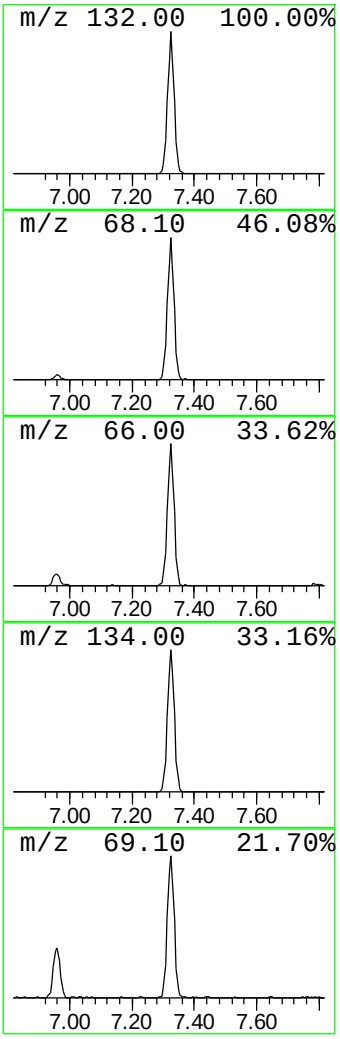
Peak Number 4 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	83.79 ng	1395700	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016958.D
Acq On : 8 May 2015 15:59
Operator : TP/IZ
Sample : G2058-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-48

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
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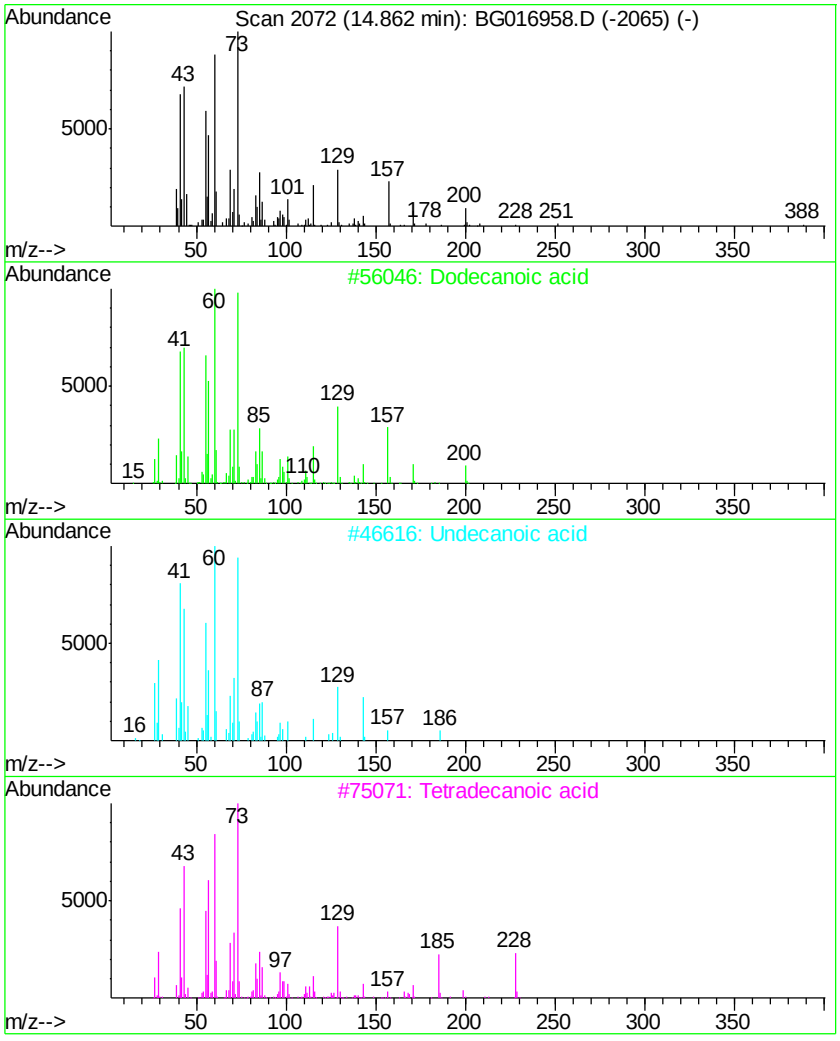
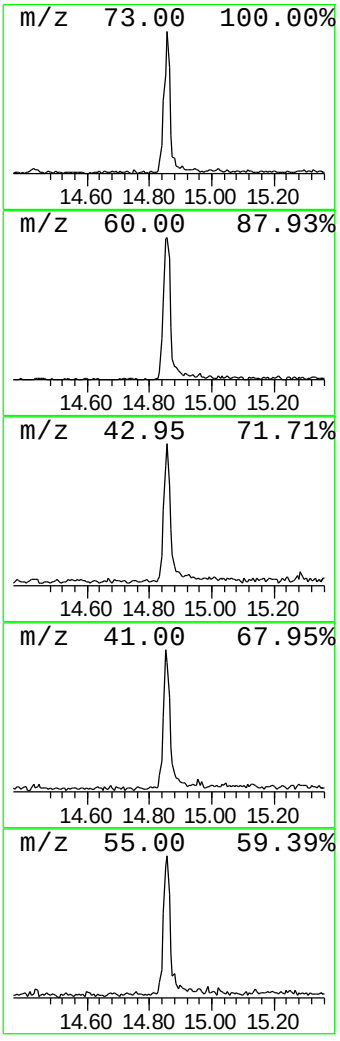
Peak Number 6 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	8.95 ng	348264	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	96
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Nonanoic acid	158	C9H18O2	000112-05-0	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016958.D
Acq On : 8 May 2015 15:59
Operator : TP/IZ
Sample : G2058-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-48

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

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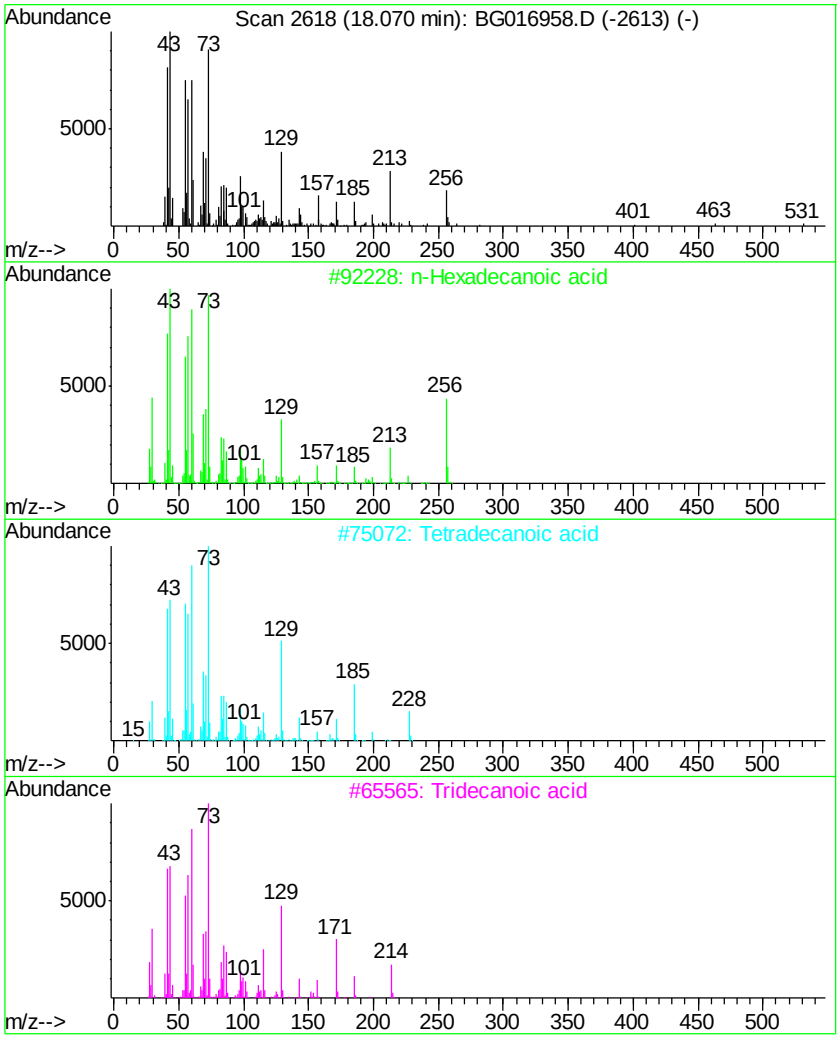
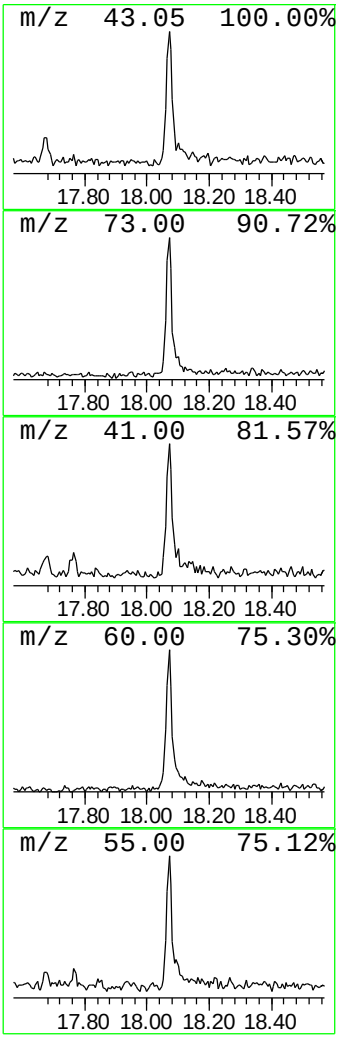
Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.97 ng	297453	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Sample : G2058-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-48

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

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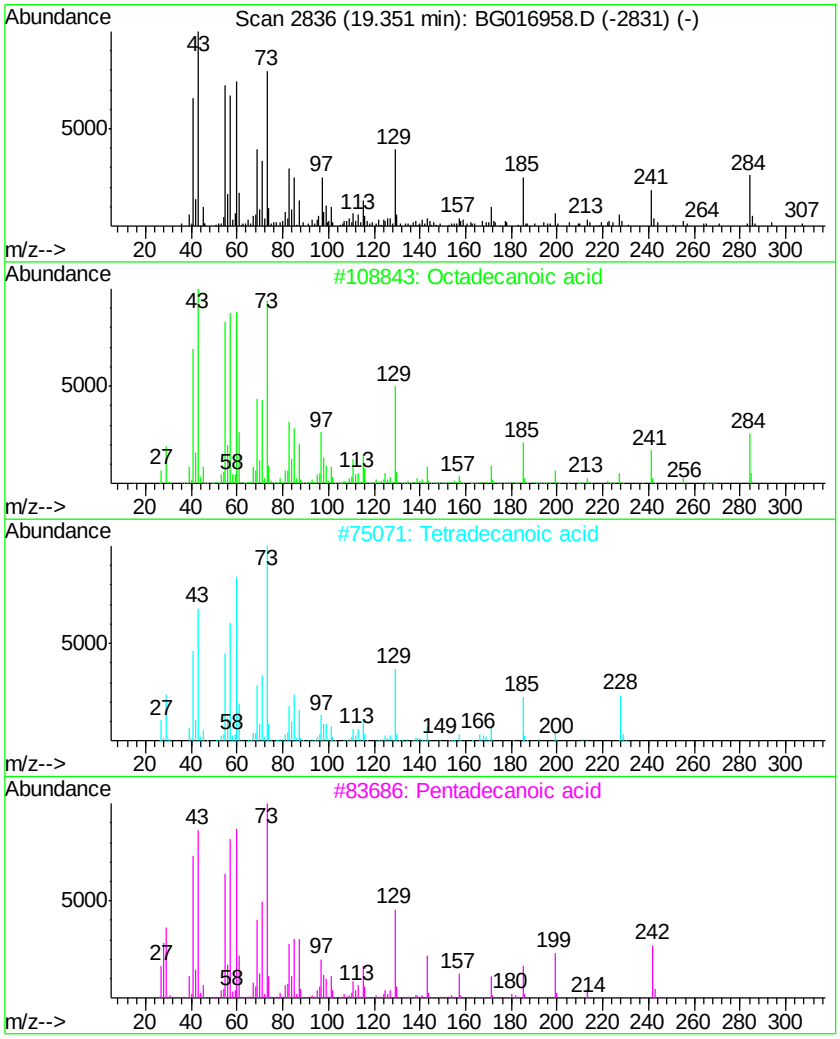
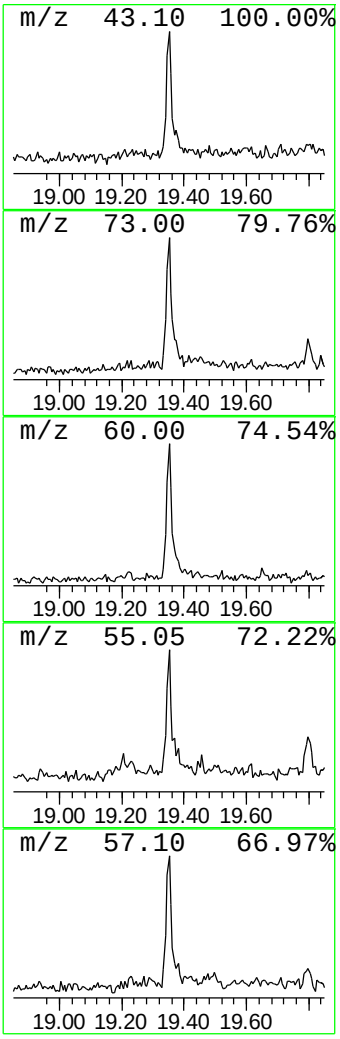
Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	5.04 ng	264541	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
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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...	2.99	36.9	ng	615043	1	7.79	333155	20.0
unknown4.91	4.91	3.3	ng	55034	1	7.79	333155	20.0
unknown7.32	7.32	83.8	ng	1395700	1	7.79	333155	20.0
Dodecanoic acid	14.86	8.9	ng	348264	3	14.43	778398	20.0
n-Hexadecanoic acid	18.07	6.0	ng	297453	4	17.18	996449	20.0
Octadecanoic acid	19.35	5.0	ng	264541	5	21.35	1048930	20.0