LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017128.D
Acq On : 14 May 2015 3:52
Operator : TP/IZ
Sample : G2201-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWB

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	2.795	14	18	27	rVV	125378	194781	5.32%	0.962%
2	2.877	27	32	43	rVB	436187	572719	15.66%	2.827%
3	4.816	355	362	368	rBV	55966	85173	2.33%	0.420%
4	5.298	438	444	456	rVB	513447	741235	20.26%	3.659%
5	6.902	711	717	726	rBV	348905	551595	15.08%	2.723%
6	7.249	769	776	784	rBV	983546	1507796	41.22%	7.443%
7	7.707	845	854	860	rBV	229576	356652	9.75%	1.761%
8	8.030	901	909	917	rVB	796207	1271215	34.75%	6.275%
9	8.870	1042	1052	1060	rBV	767221	1248155	34.12%	6.162%
10	10.498	1323	1329	1336	rBV	308216	536654	14.67%	2.649%
11	12.713	1700	1706	1711	rBV	53925	77498	2.12%	0.383%
12	12.983	1744	1752	1761	rBV	1860922	2828869	77.33%	13.965%
13	14.364	1981	1987	1993	rBV2	489598	755656	20.66%	3.730%
14	15.727	2212	2219	2225	rBV	23653	38226	1.04%	0.189%
15	15.856	2234	2241	2257	rBV	1777048	2492794	68.15%	12.306%
16	17.108	2448	2454	2461	rVB2	659826	949838	25.97%	4.689%
17	18.013	2603	2608	2615	rBV2	115196	172221	4.71%	0.850%
18	19.293	2822	2826	2834	rBV2	83618	120256	3.29%	0.594%
19	19.740	2897	2902	2908	rBV	2958832	3658054	100.00%	18.058%
20	21.009	3114	3118	3125	rBV2	80081	95934	2.62%	0.474%
21	21.291	3161	3166	3172	rBV	794646	1007630	27.55%	4.974%
22	23.559	3545	3552	3561	rVB2	502160	993868	27.17%	4.906%

Sum of corrected areas: 20256819

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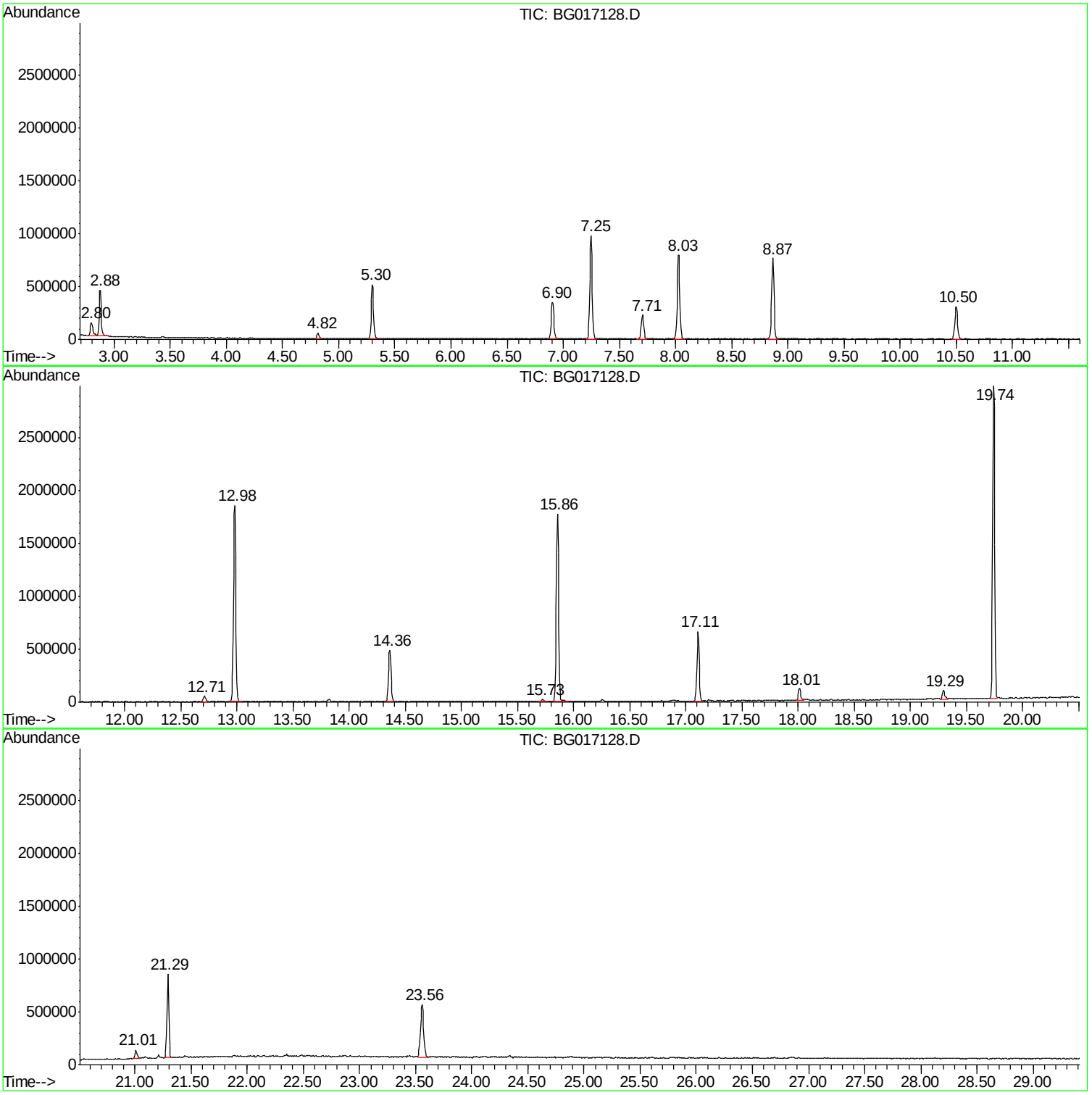
Instrument : BNA_G
ClientSampleId : MWB

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 : BG017128.D
Acq On : 14 May 2015 3:52
Operator : TP/IZ
Sample : G2201-02
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

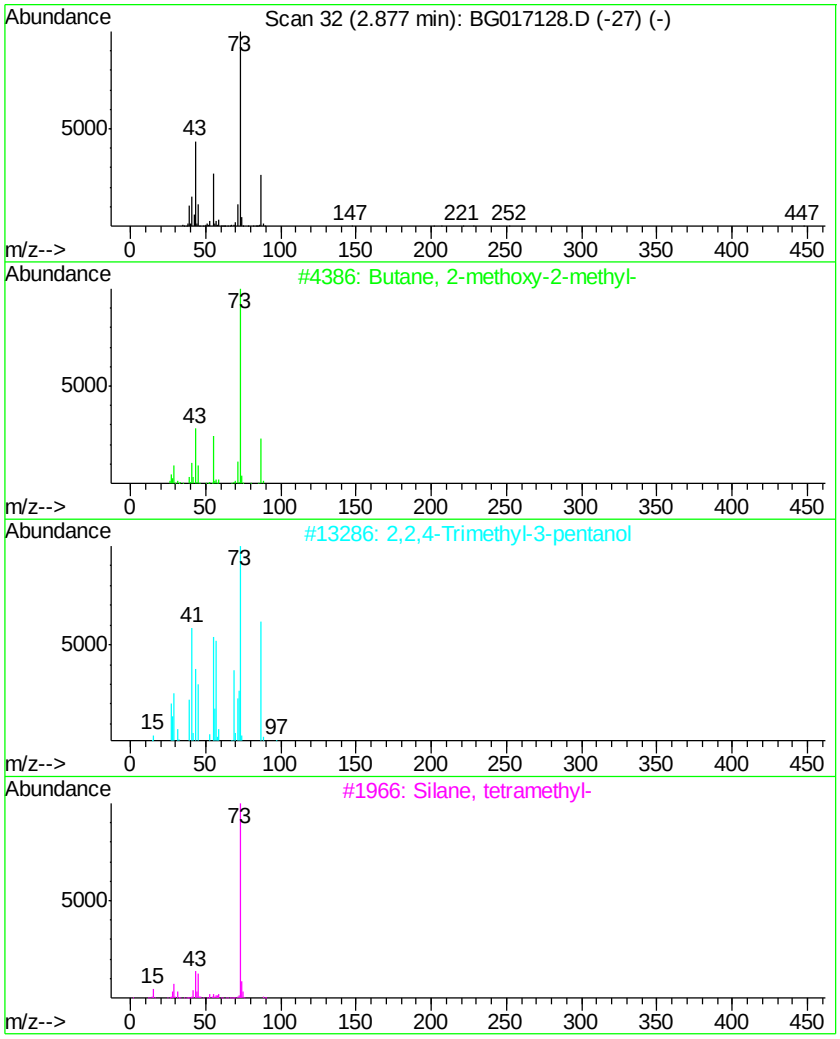
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

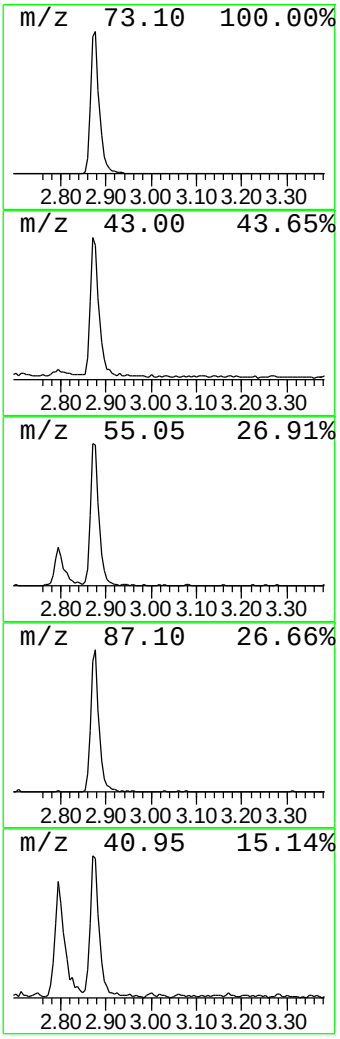
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	32.12 ng	572719	1,4-Dichlorobenzene-d4	7.71

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017128.D
Acq On : 14 May 2015 3:52
Operator : TP/IZ
Sample : G2201-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWB

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

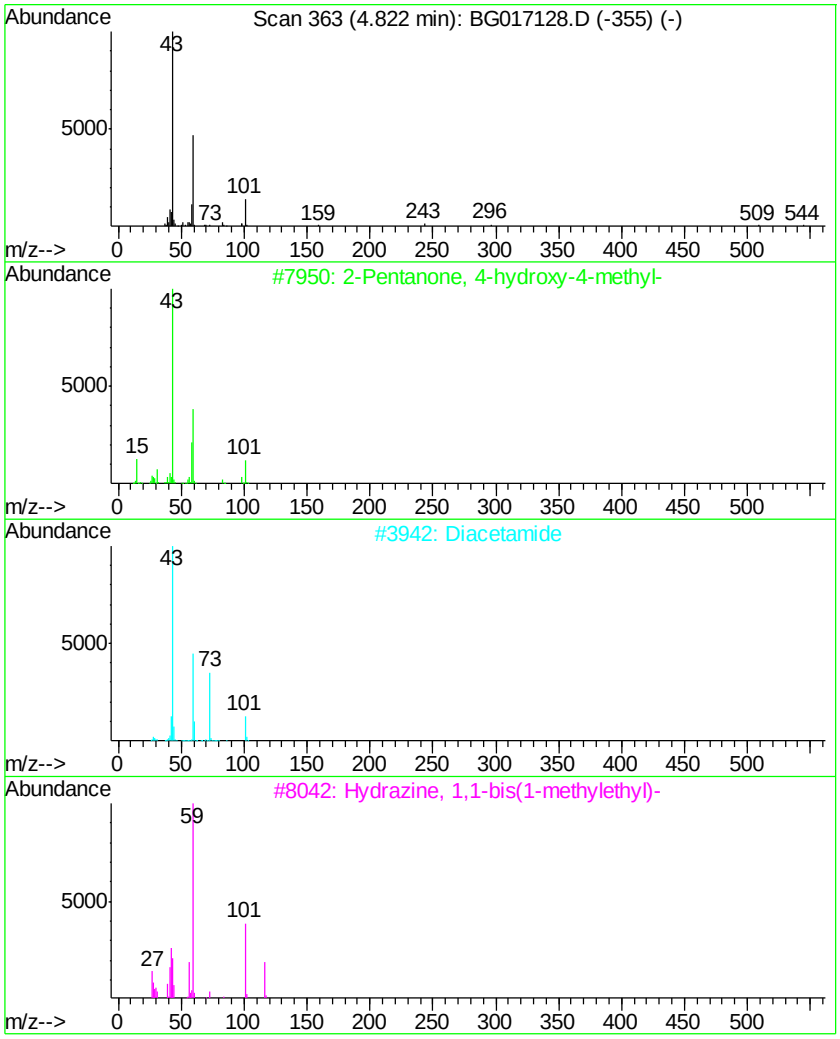
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

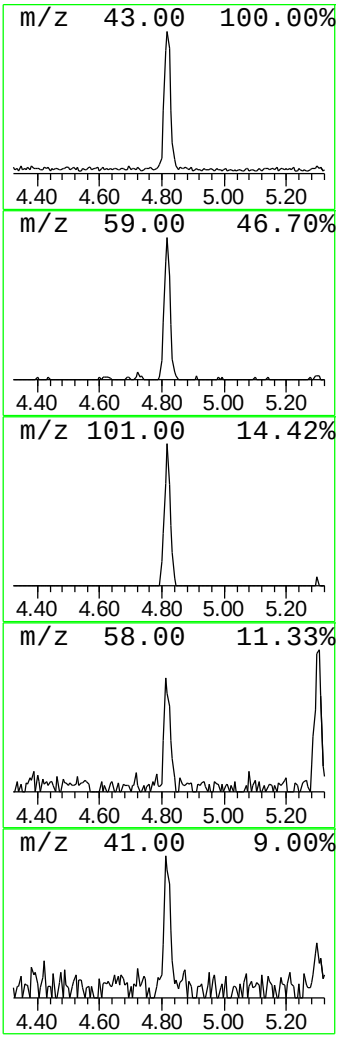
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	4.78 ng	85173	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Diacetamide	101	C4H7NO2	000625-77-4	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
4	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	32
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





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Operator : TP/IZ
Sample : G2201-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWB

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

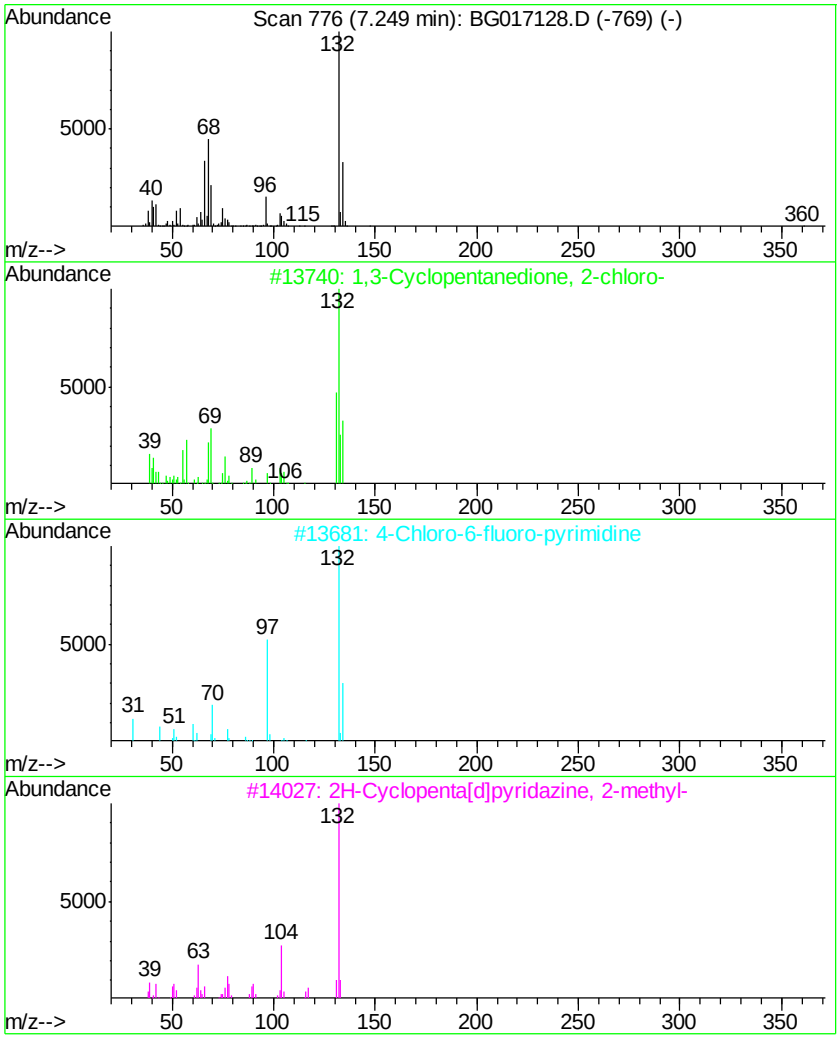
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

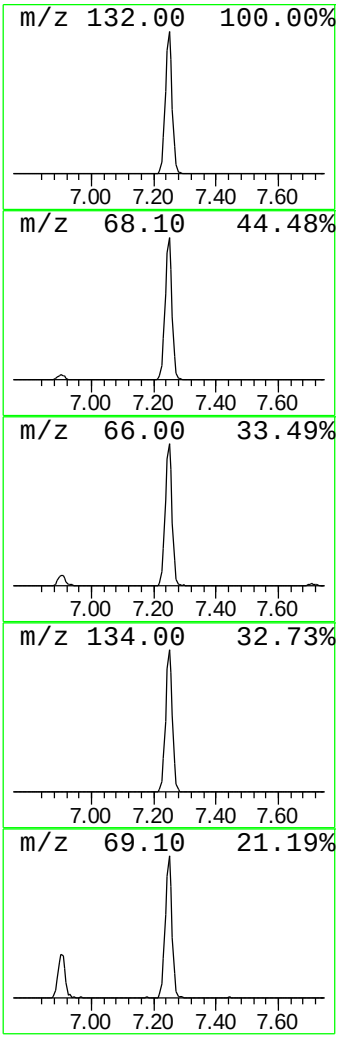
****

Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	84.55 ng	1507800	1,4-Dichlorobenzene-d4	7.71

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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWB

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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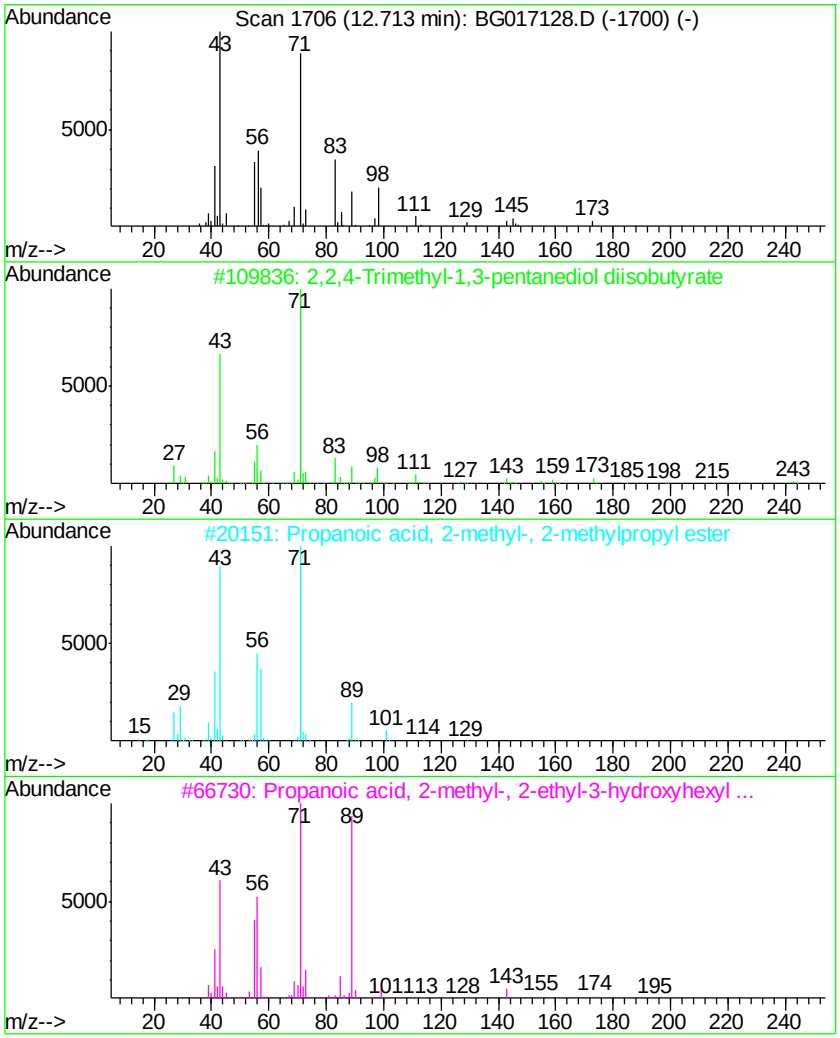
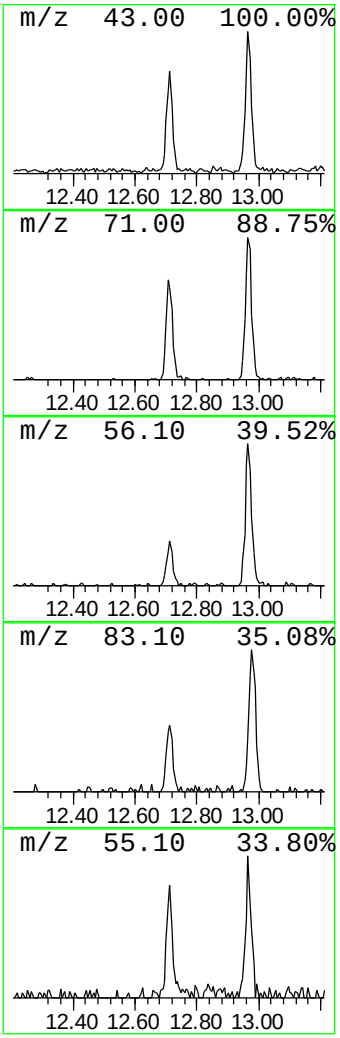
Peak Number 6 unknown12.71 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.05 ng	77498	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	42
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	40
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	40
4	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	36
5	4,5-Octanedione	142	C8H14O2	005455-24-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
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Instrument : BNA_G
ClientSampleId : MWB

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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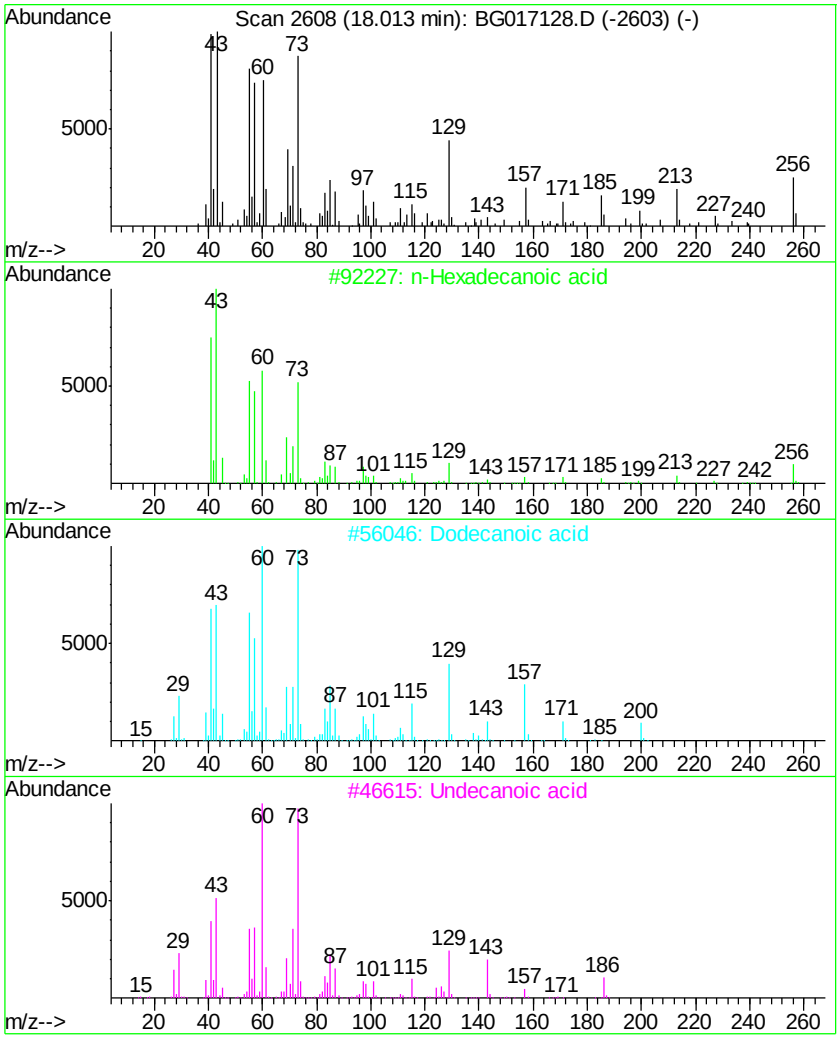
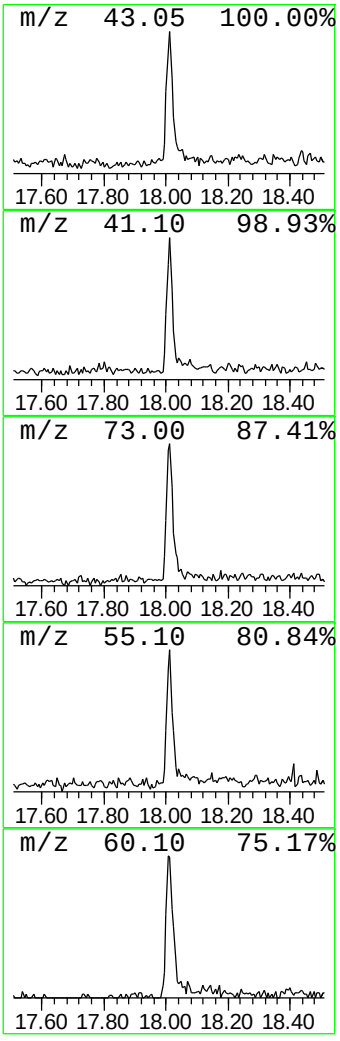
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.63 ng	172221	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Dodecanoic acid	200	C12H24O2	000143-07-7	76
3	Undecanoic acid	186	C11H22O2	000112-37-8	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





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Misc :
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Instrument : BNA_G
ClientSampleId : MWB

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

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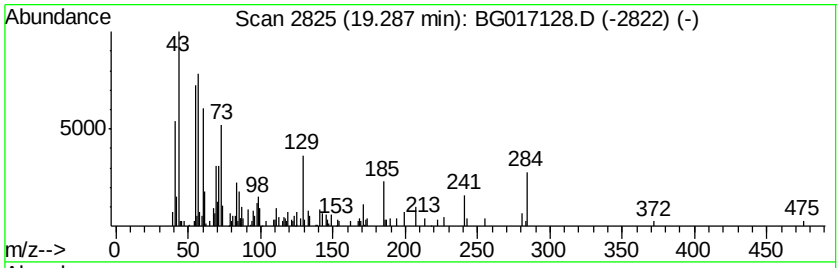
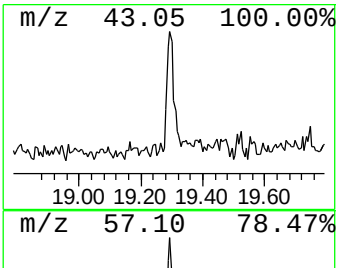
Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.39 ng	120256	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





Tentatively Identified Compound (LSC) summary

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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...	2.88	32.1	ng	572719	1	7.71	356652	20.0
2-Pentanone, 4-hy...	4.82	4.8	ng	85173	1	7.71	356652	20.0
unknown7.25	7.25	84.5	ng	1507800	1	7.71	356652	20.0
unknown12.71	12.71	2.0	ng	77498	3	14.36	755656	20.0
n-Hexadecanoic acid	18.01	3.6	ng	172221	4	17.11	949838	20.0
Octadecanoic acid	19.29	2.4	ng	120256	5	21.30	1007630	20.0