LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017005.D
Acq On : 10 May 2015 00:25
Operator : TP/IZ
Sample : G2104-03
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105

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	47	rBV	230888	369939	7.54%	1.488%
2	2.993	47	52	64	rVB	467523	591323	12.05%	2.379%
3	4.909	372	378	385	rBV	42067	65112	1.33%	0.262%
4	5.373	451	457	465	rVB	545108	779958	15.89%	3.138%
5	6.959	720	727	735	rVB	425140	670849	13.67%	2.699%
6	7.323	782	789	798	rBV	970379	1547983	31.54%	6.228%
7	7.788	861	868	876	rBV	314840	499515	10.18%	2.010%
8	8.111	913	923	929	rBV	751637	1209892	24.65%	4.868%
9	8.945	1058	1065	1073	rBV	754402	1259311	25.66%	5.067%
10	10.584	1335	1344	1350	rBV	447541	765143	15.59%	3.079%
11	12.782	1713	1718	1726	rVB	84034	117817	2.40%	0.474%
12	13.052	1754	1764	1774	rBV	1957224	2939814	59.90%	11.828%
13	14.427	1989	1998	2005	rBV2	742890	1136339	23.15%	4.572%
14	15.913	2245	2251	2264	rBV	1905631	2742734	55.89%	11.035%
15	17.171	2458	2465	2471	rBV	1096812	1528695	31.15%	6.151%
16	18.064	2612	2617	2626	rBV	127719	187841	3.83%	0.756%
17	19.345	2830	2835	2841	rBV	93038	134728	2.75%	0.542%
18	19.797	2905	2912	2923	rBV	3967048	4907690	100.00%	19.746%
19	21.054	3122	3126	3131	rBV	103079	127802	2.60%	0.514%
20	21.348	3170	3176	3185	rBV	1266412	1649772	33.62%	6.638%
21	23.645	3558	3567	3580	rVB	790770	1622047	33.05%	6.526%

Sum of corrected areas: 24854304

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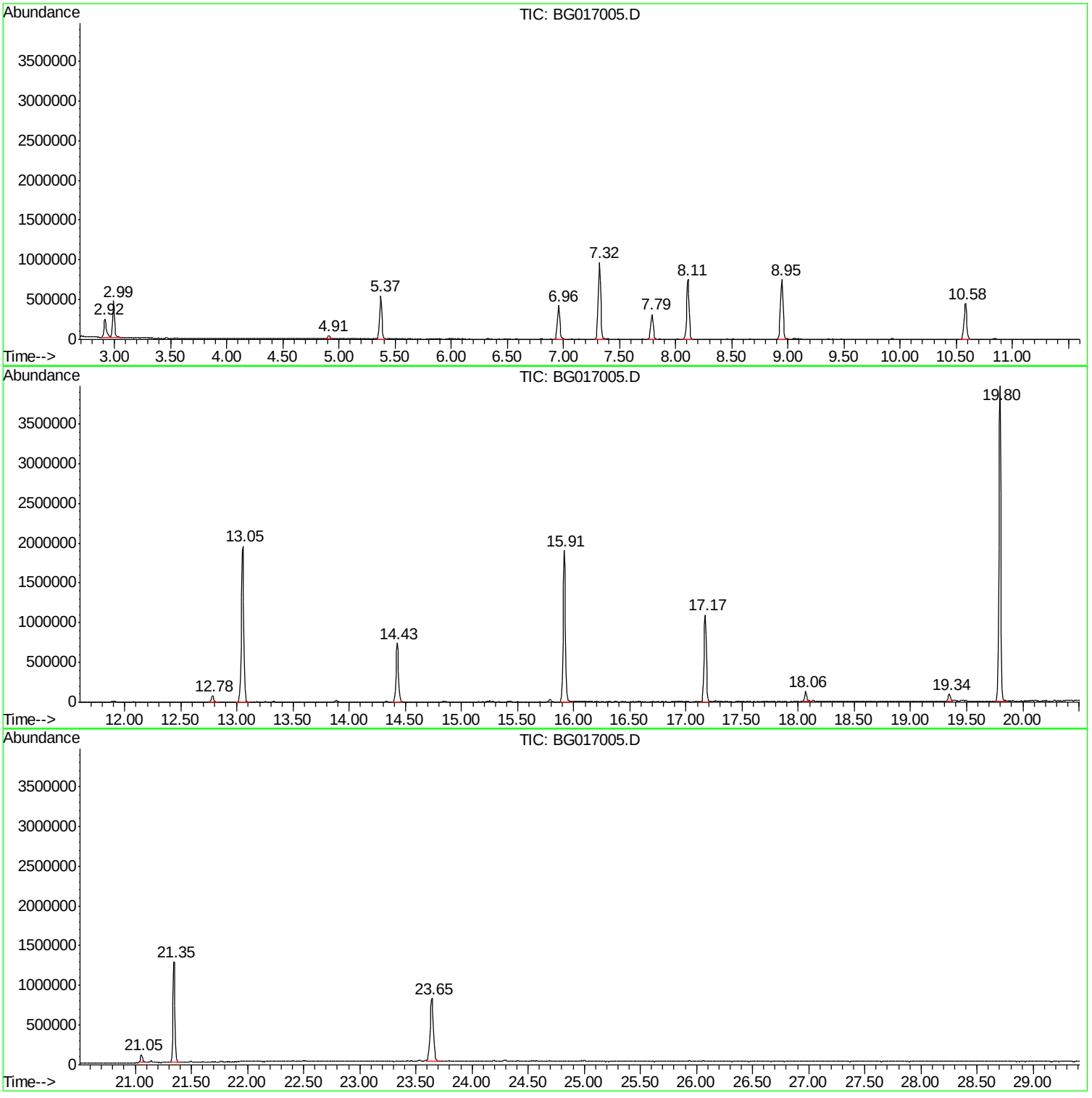
Instrument :
BNA_G
ClientSampleId :
MW-105

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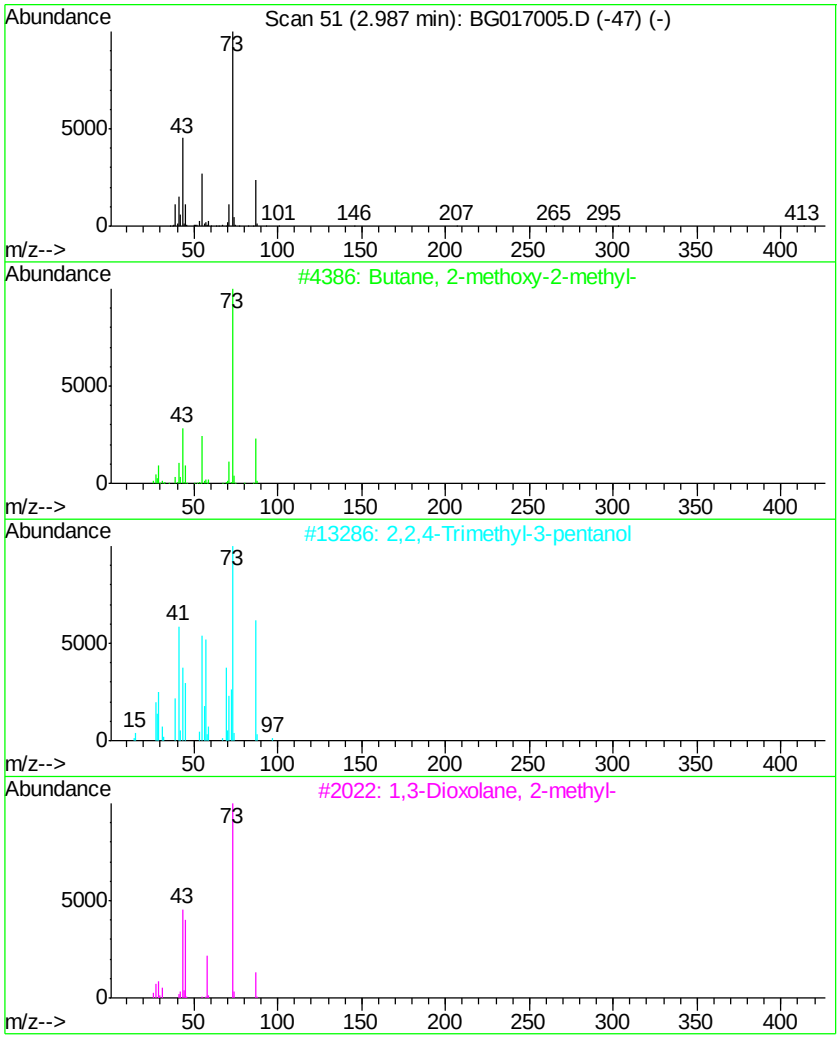
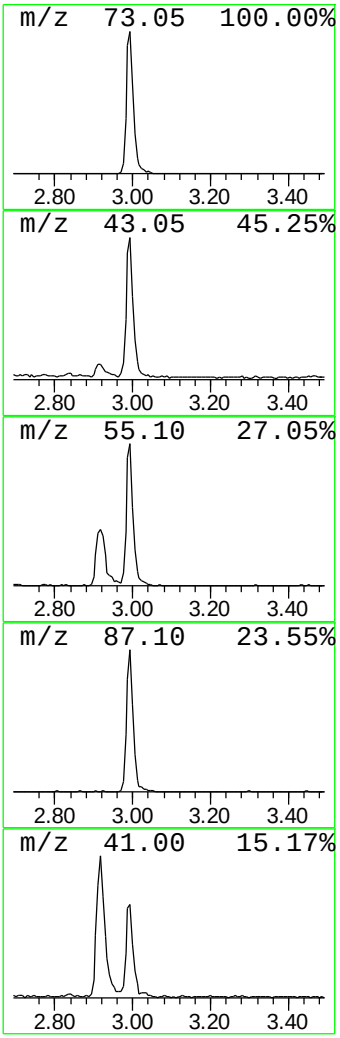
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	23.68 ng	591323	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





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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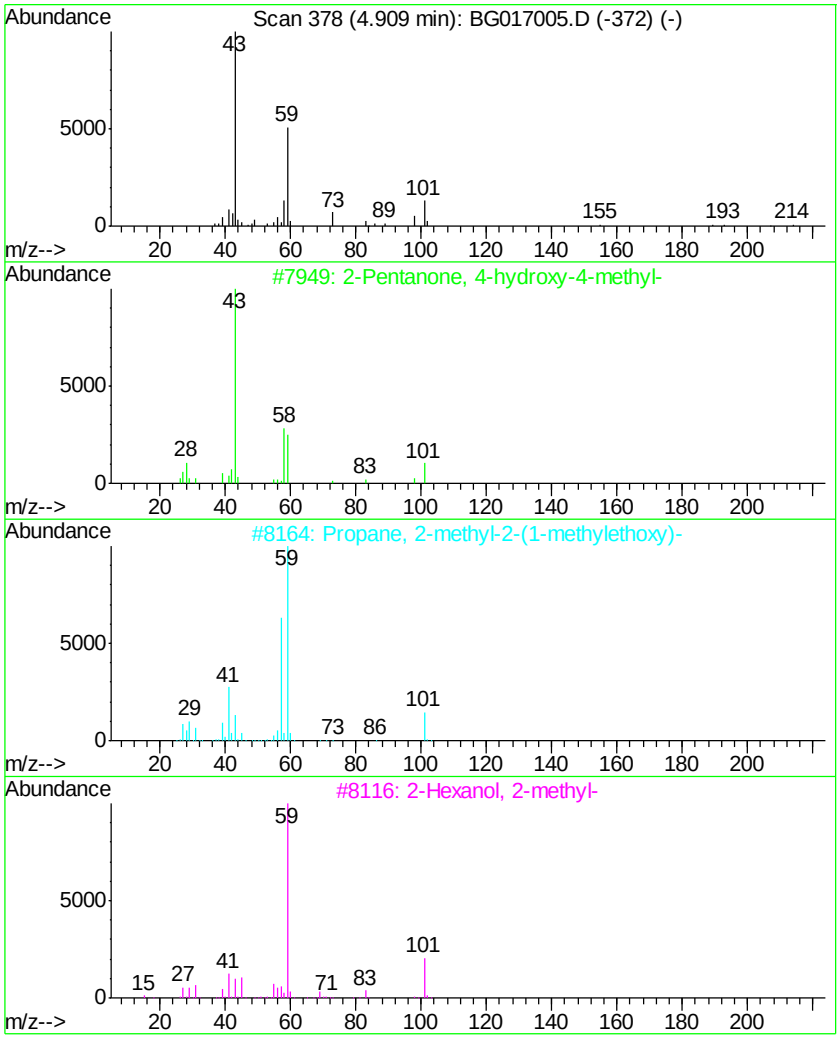
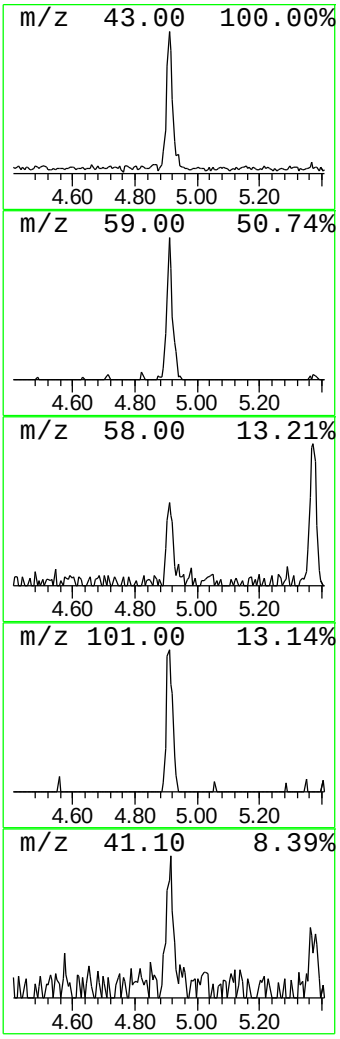
Peak Number 3 unknown4.91 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.61 ng	65112	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
4	3-Hexanol	102	C6H14O	000623-37-0	23
5	Acetamide, N-(aminoiminomethyl)-	101	C3H7N3O	005699-40-1	17





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Sample : G2104-03
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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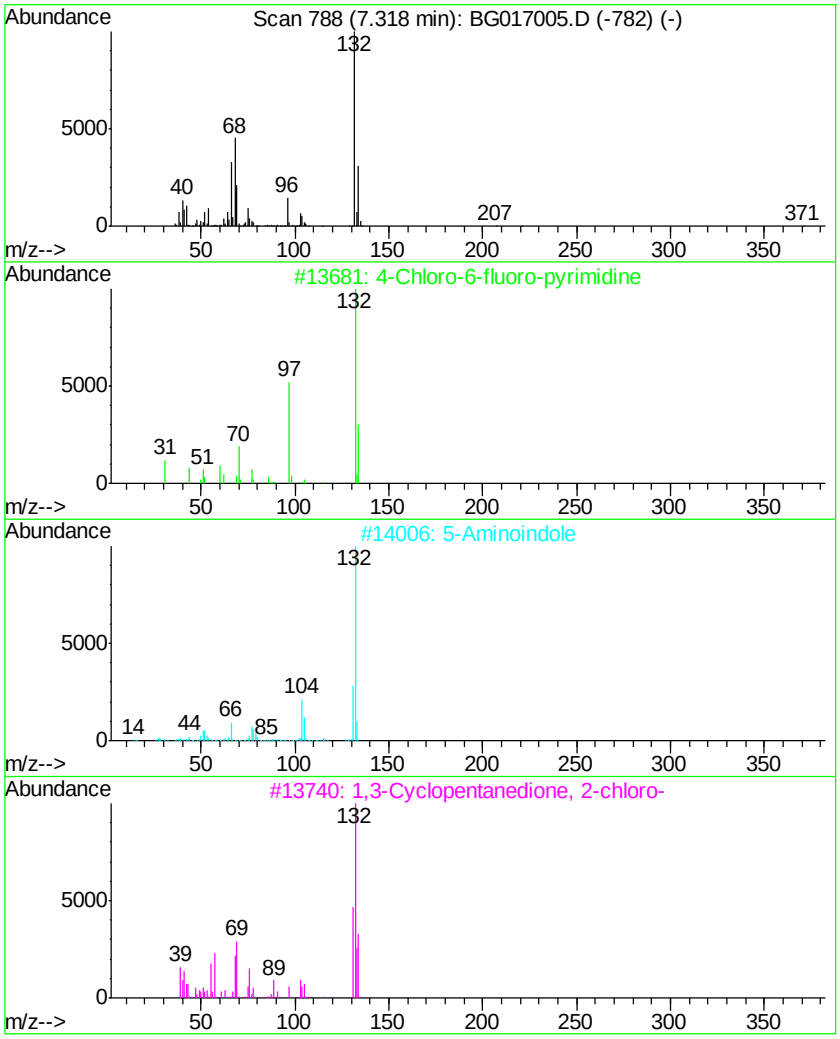
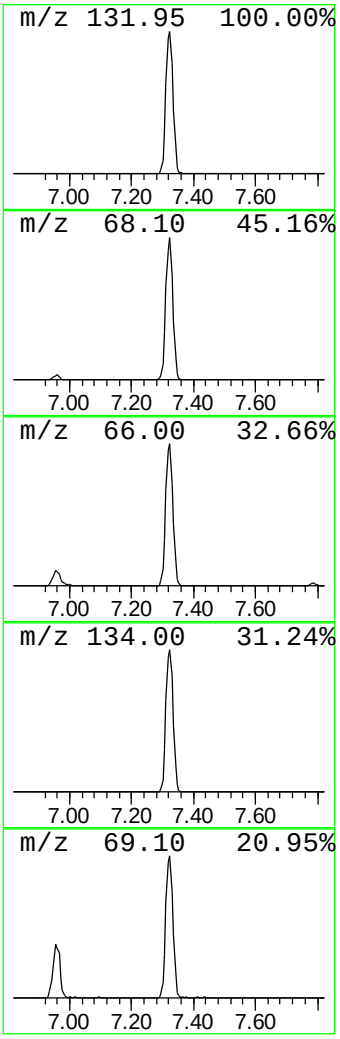
Peak Number 4 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	61.98 ng	1547980	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	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	10





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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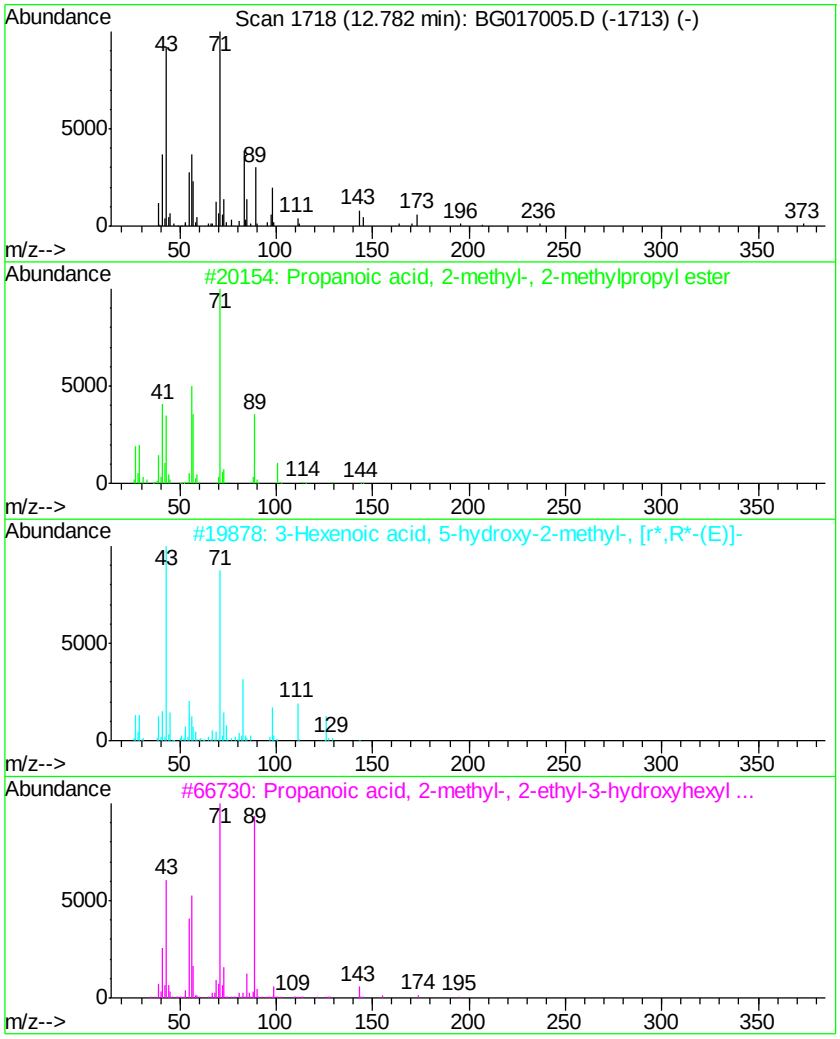
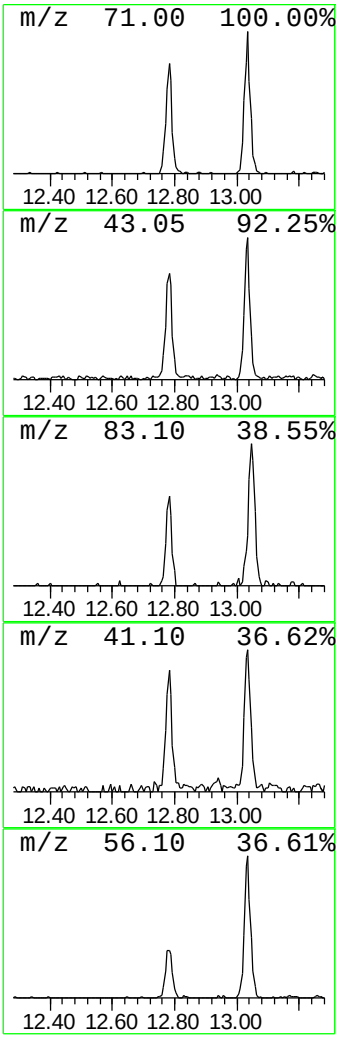
Peak Number 6 unknown12.78 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.07 ng	117817	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	47
2	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	45
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	43
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	38
5	2-t-Butylperoxy-2-ethylbutan-1-o...	260	C14H28O4	139727-33-6	38





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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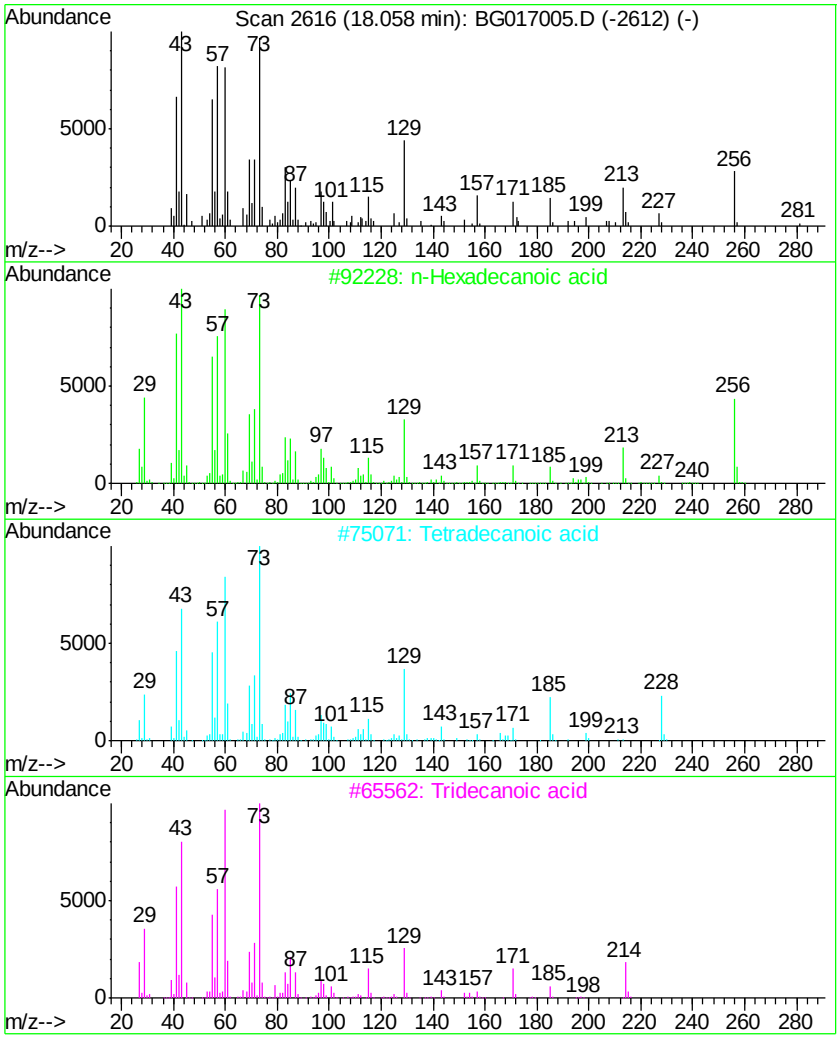
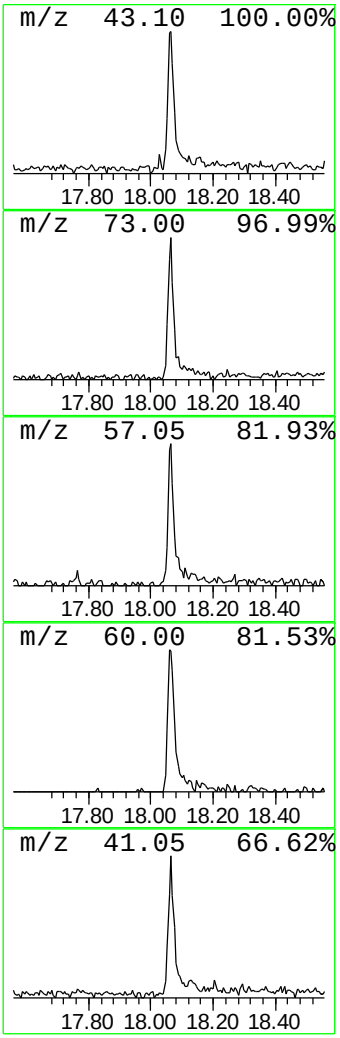
Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.46 ng	187841	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	25





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	2.99	23.7	ng	591323	1	7.79	499515	20.0
unknown4.91	4.91	2.6	ng	65112	1	7.79	499515	20.0
unknown7.32	7.32	62.0	ng	1547980	1	7.79	499515	20.0
unknown12.78	12.78	2.1	ng	117817	3	14.43	1136340	20.0
n-Hexadecanoic acid	18.06	2.5	ng	187841	4	17.17	1528700	20.0