LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG017006.D
Acq On : 10 May 2015 1:00
Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

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	2.918	34	39	47	rBV	310523	483526	9.06%	1.648%
2	2.988	47	51	64	rVB	650558	838060	15.70%	2.857%
3	4.909	372	378	386	rBV	52828	80717	1.51%	0.275%
4	5.374	451	457	464	rBV	655290	937707	17.57%	3.197%
5	6.954	719	726	737	rBV	472612	766110	14.35%	2.612%
6	7.324	780	789	797	rBV	1220992	1919004	35.95%	6.542%
7	7.788	862	868	874	rBV	355764	551136	10.32%	1.879%
8	8.112	915	923	931	rVB	931323	1512743	28.34%	5.157%
9	8.946	1057	1065	1073	rBV	963276	1567471	29.36%	5.344%
10	10.579	1336	1343	1350	rBV	520911	863372	16.17%	2.943%
11	12.783	1712	1718	1725	rBV	150166	224361	4.20%	0.765%
12	13.053	1754	1764	1770	rBV	2293284	3719900	69.68%	12.682%
13	14.428	1990	1998	2007	rBV2	853409	1279912	23.98%	4.363%
14	15.250	2131	2138	2146	rVB	235489	335600	6.29%	1.144%
15	15.785	2226	2229	2234	rVB	59744	73917	1.38%	0.252%
16	15.914	2245	2251	2260	rBV	2266402	3179874	59.57%	10.841%
17	17.172	2459	2465	2471	rVB2	1096362	1571474	29.44%	5.357%
18	18.065	2613	2617	2625	rBV2	177568	249291	4.67%	0.850%
19	19.345	2831	2835	2842	rBV2	111708	156479	2.93%	0.533%
20	19.798	2906	2912	2917	rBV	4318324	5338392	100.00%	18.200%
21	21.055	3122	3126	3136	rBV	236424	339429	6.36%	1.157%
22	21.343	3170	3175	3181	rBV	1310346	1696061	31.77%	5.782%
23	23.640	3557	3566	3578	rVB	844819	1647874	30.87%	5.618%

Sum of corrected areas: 29332410

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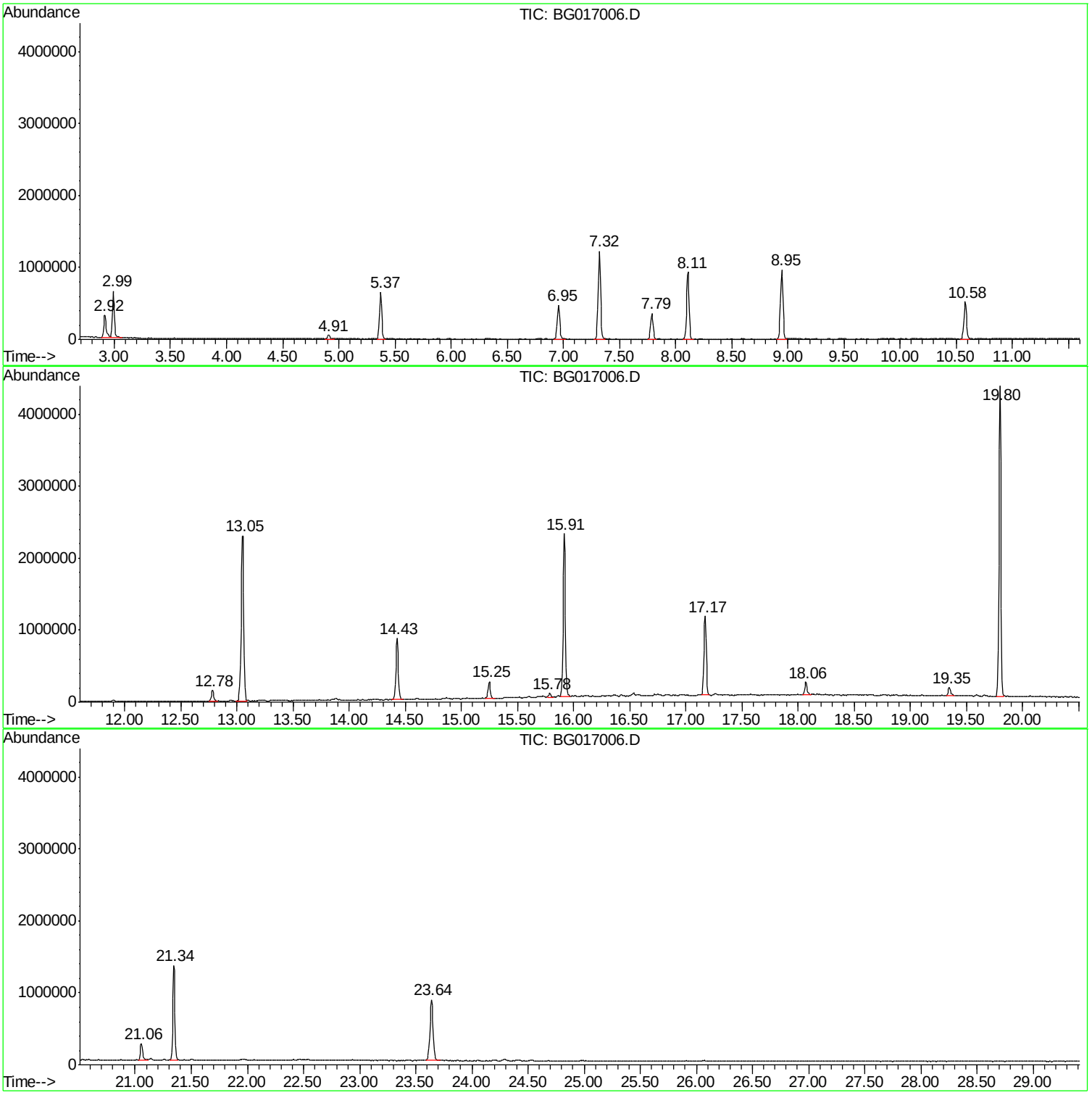
Instrument :
BNA_G
ClientSampleId :
MW-104

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

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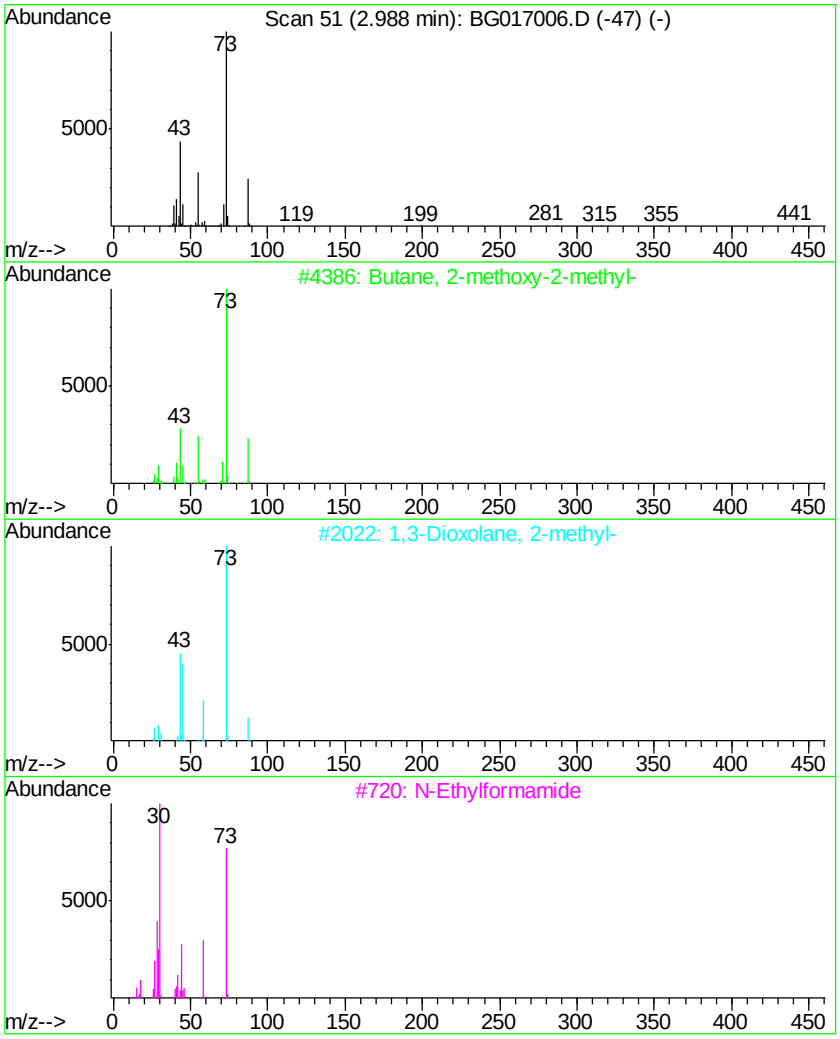
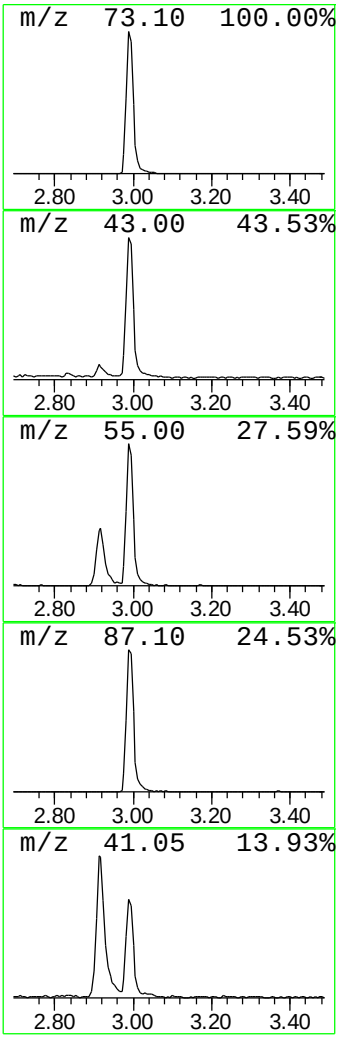
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	30.41 ng	838060	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





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Sample : G2104-04
Misc :
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Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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TIC Library : C:\DATABASE\NIST02.L
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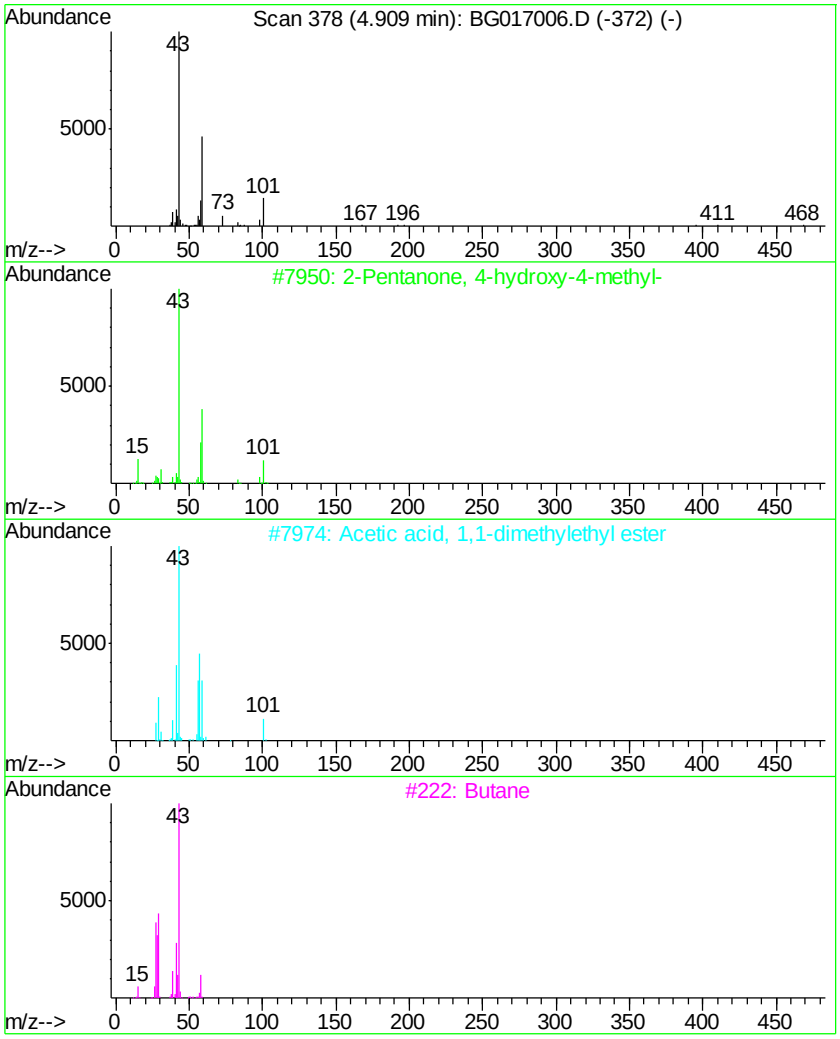
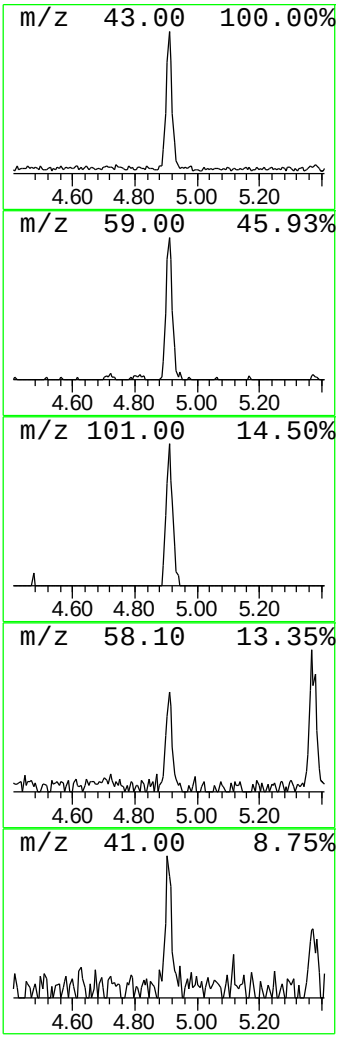
Peak Number 3 unknown4.91 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.93 ng	80717	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	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	Butane	58	C4H10	000106-97-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

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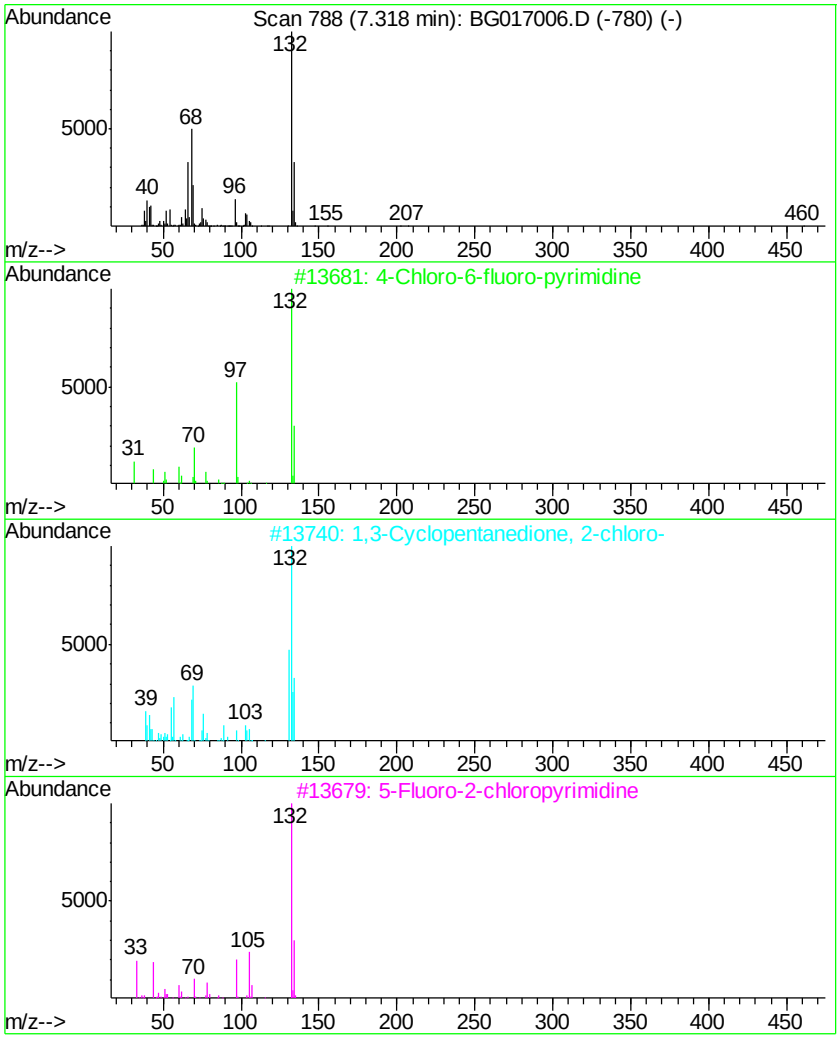
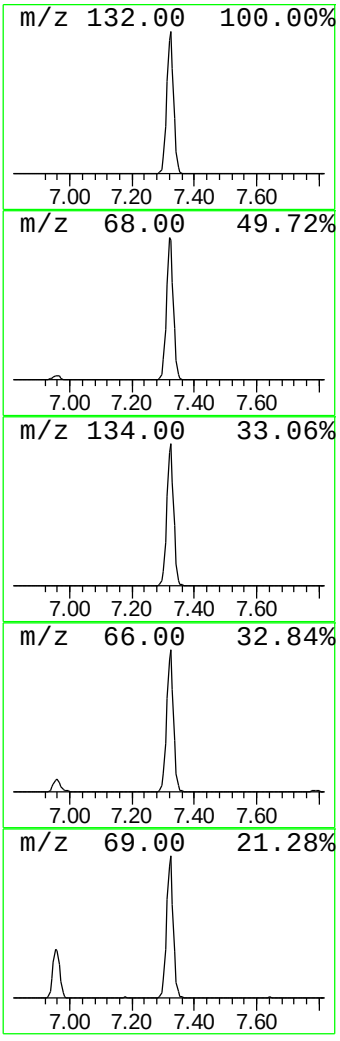
Peak Number 4 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	69.64 ng	1919000	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	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	20
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





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Sample : G2104-04
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Instrument : BNA_G
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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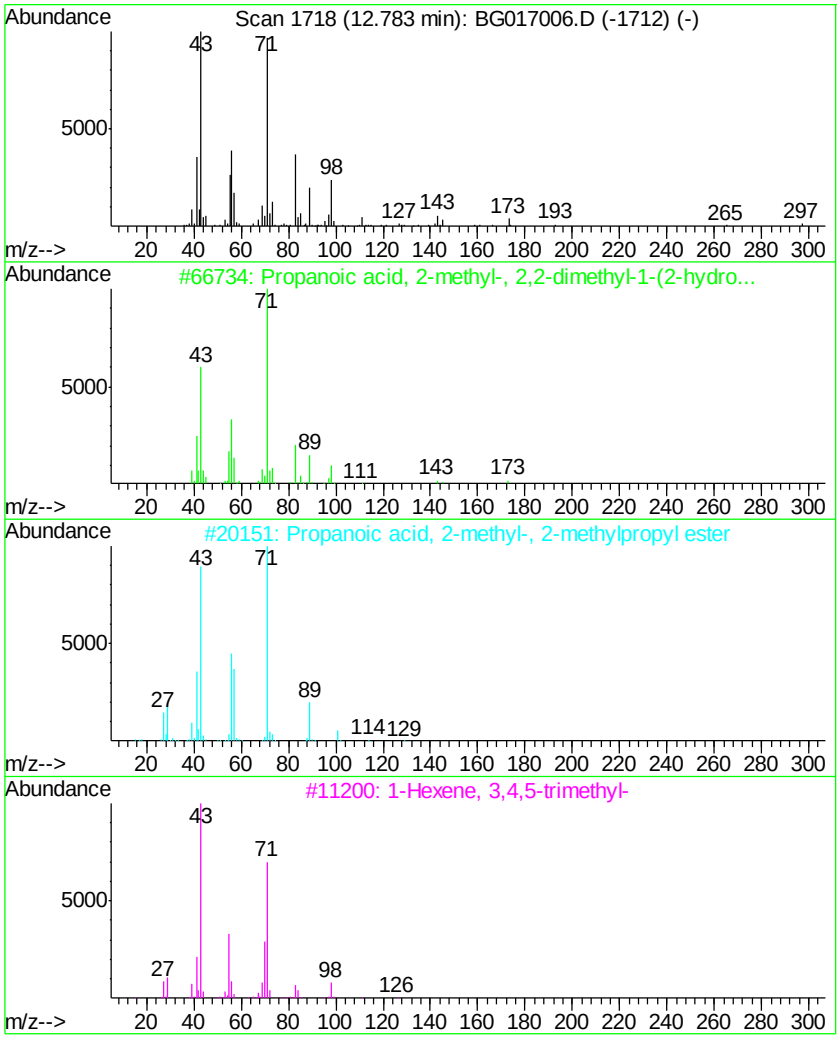
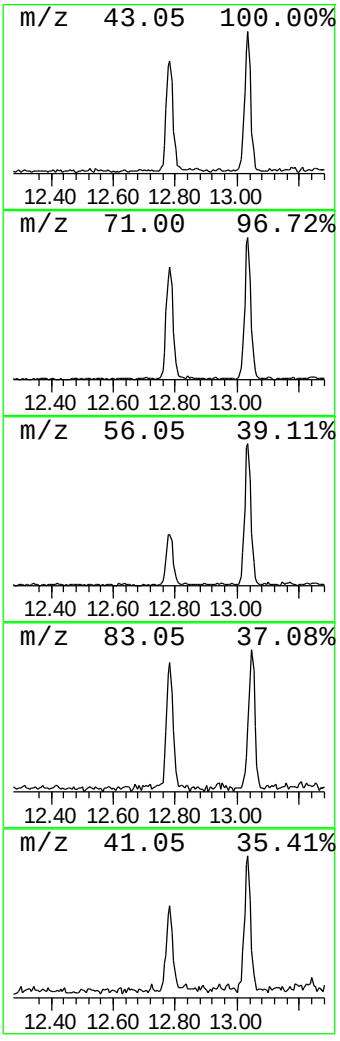
Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	3.51 ng	224361	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	72
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
3	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43
4	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	40
5	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	38





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Sample : G2104-04
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-104

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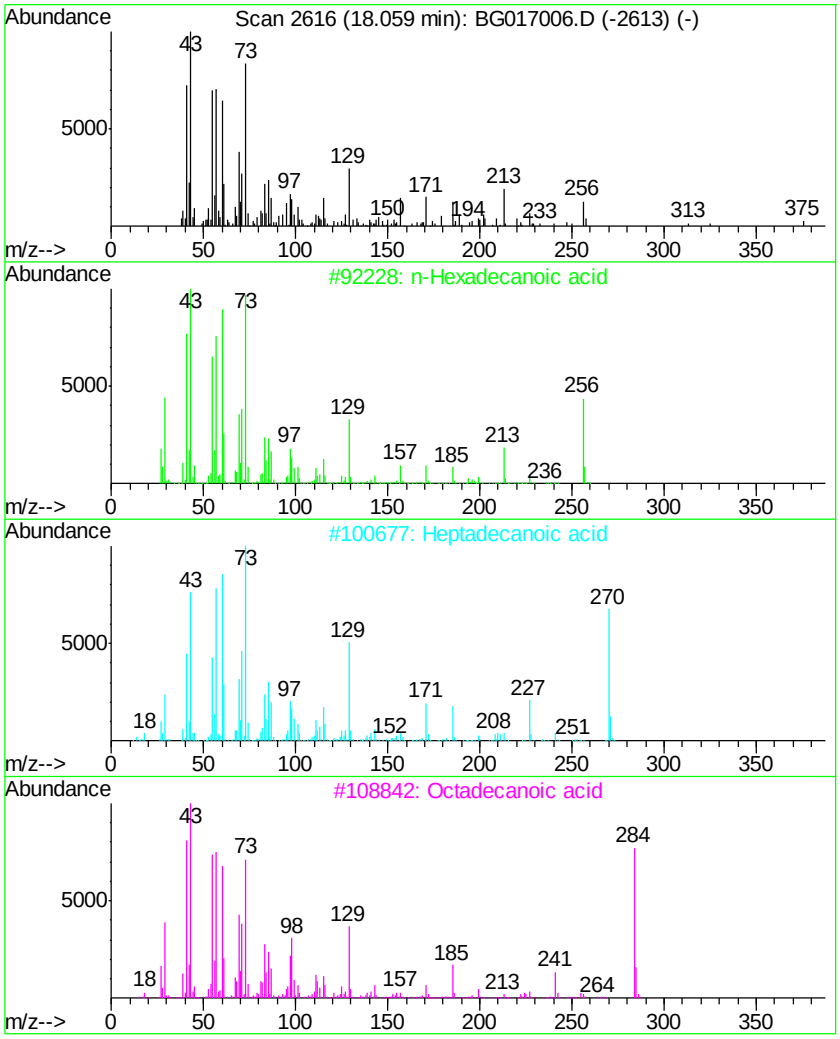
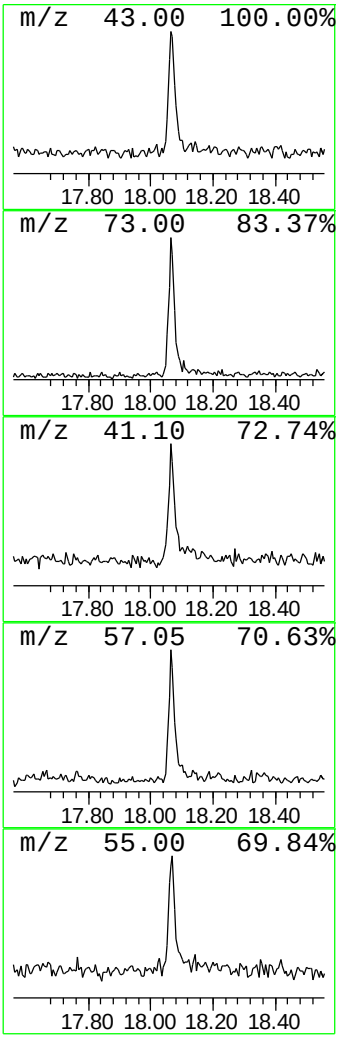
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.17 ng	249291	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





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Instrument : BNA_G
ClientSampleId : MW-104

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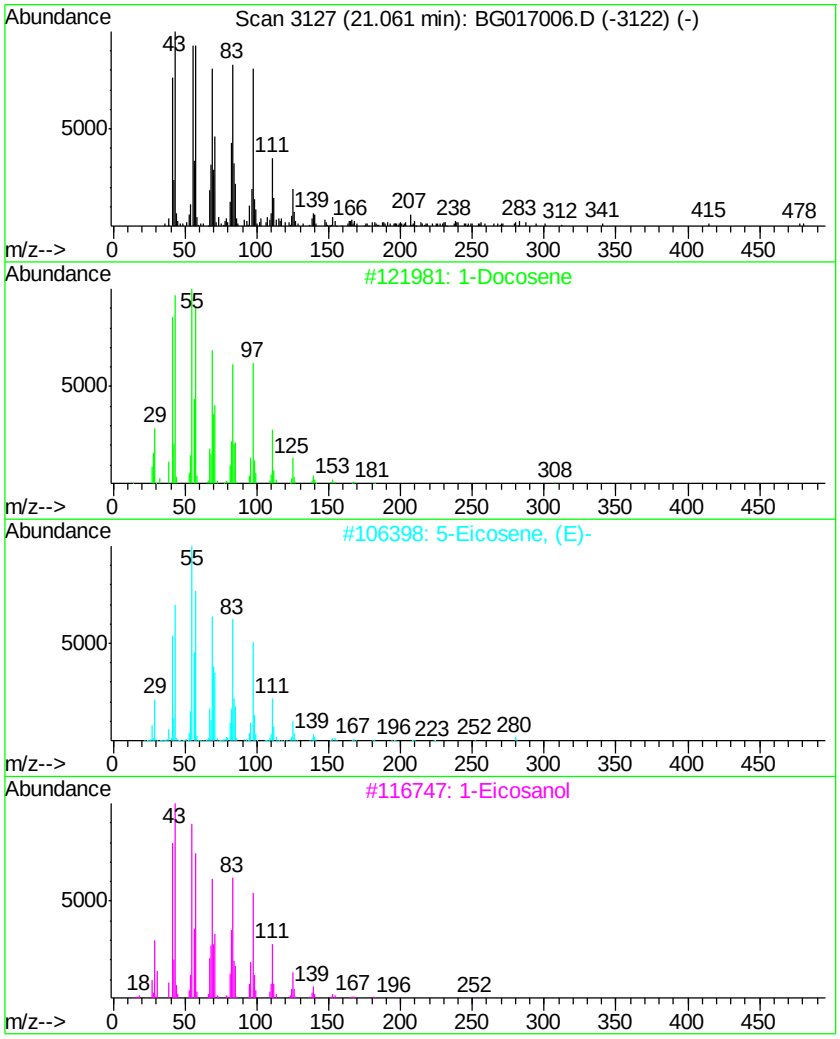
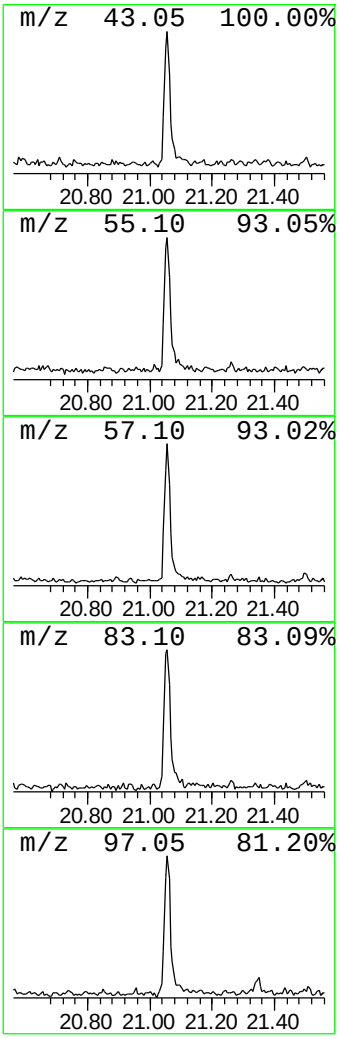
Peak Number 8 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	4.00 ng	339429	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3	1-Eicosanol	298	C20H42O	000629-96-9	94
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





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	30.4	ng	838060	1	7.79	551136	20.0
unknown4.91	4.91	2.9	ng	80717	1	7.79	551136	20.0
unknown7.32	7.32	69.6	ng	1919000	1	7.79	551136	20.0
Propanoic acid, 2...	12.78	3.5	ng	224361	3	14.43	1279910	20.0
n-Hexadecanoic acid	18.06	3.2	ng	249291	4	17.17	1571470	20.0
1-Docosene	21.06	4.0	ng	339429	5	21.34	1696060	20.0