LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017208.D
Acq On : 19 May 2015 21:00
Operator : TP/IZ
Sample : G2278-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(35-40)

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	2.781	11	16	22	rBV3	39777	72078	2.42%	0.412%
2	2.863	25	30	34	rVV	122884	163325	5.49%	0.933%
3	2.904	34	37	45	rVB3	23024	35167	1.18%	0.201%
4	4.802	355	360	368	rVB	319308	430243	14.47%	2.458%
5	5.289	437	443	452	rBV	960693	1336968	44.96%	7.639%
6	5.883	539	544	552	rVB2	29014	50247	1.69%	0.287%
7	6.893	709	716	725	rBV	982822	1500147	50.45%	8.571%
8	7.234	766	774	781	rBV	941151	1460601	49.12%	8.345%
9	7.693	846	852	860	rVB	170420	274401	9.23%	1.568%
10	8.016	899	907	913	rBV	629888	999923	33.62%	5.713%
11	8.856	1042	1050	1058	rBV	571180	914255	30.74%	5.223%
12	10.489	1321	1328	1334	rBV	222902	362198	12.18%	2.069%
13	12.969	1743	1750	1758	rBV	1141896	1649076	55.45%	9.422%
14	13.809	1885	1893	1902	rBV	89860	126450	4.25%	0.722%
15	14.349	1979	1985	1992	rBV2	323758	490355	16.49%	2.802%
16	15.848	2233	2240	2252	rBV	1355441	1901320	63.94%	10.863%
17	17.099	2444	2453	2461	rBV	467877	672495	22.61%	3.842%
18	18.004	2602	2607	2613	rBV2	78811	110903	3.73%	0.634%
19	19.285	2822	2825	2830	rBV2	32249	39712	1.34%	0.227%
20	19.731	2896	2901	2907	rBV	2408635	2973786	100.00%	16.990%
21	20.425	3014	3019	3021	rBV3	43772	55213	1.86%	0.315%
22	20.478	3025	3028	3033	rVB7	21607	29921	1.01%	0.171%
23	21.000	3112	3117	3128	rBV2	161813	253545	8.53%	1.449%
24	21.282	3160	3165	3172	rBV	638450	808516	27.19%	4.619%
25	23.545	3543	3550	3561	rBV2	411529	792007	26.63%	4.525%

Sum of corrected areas: 17502852

LSC Report - Integrated Chromatogram

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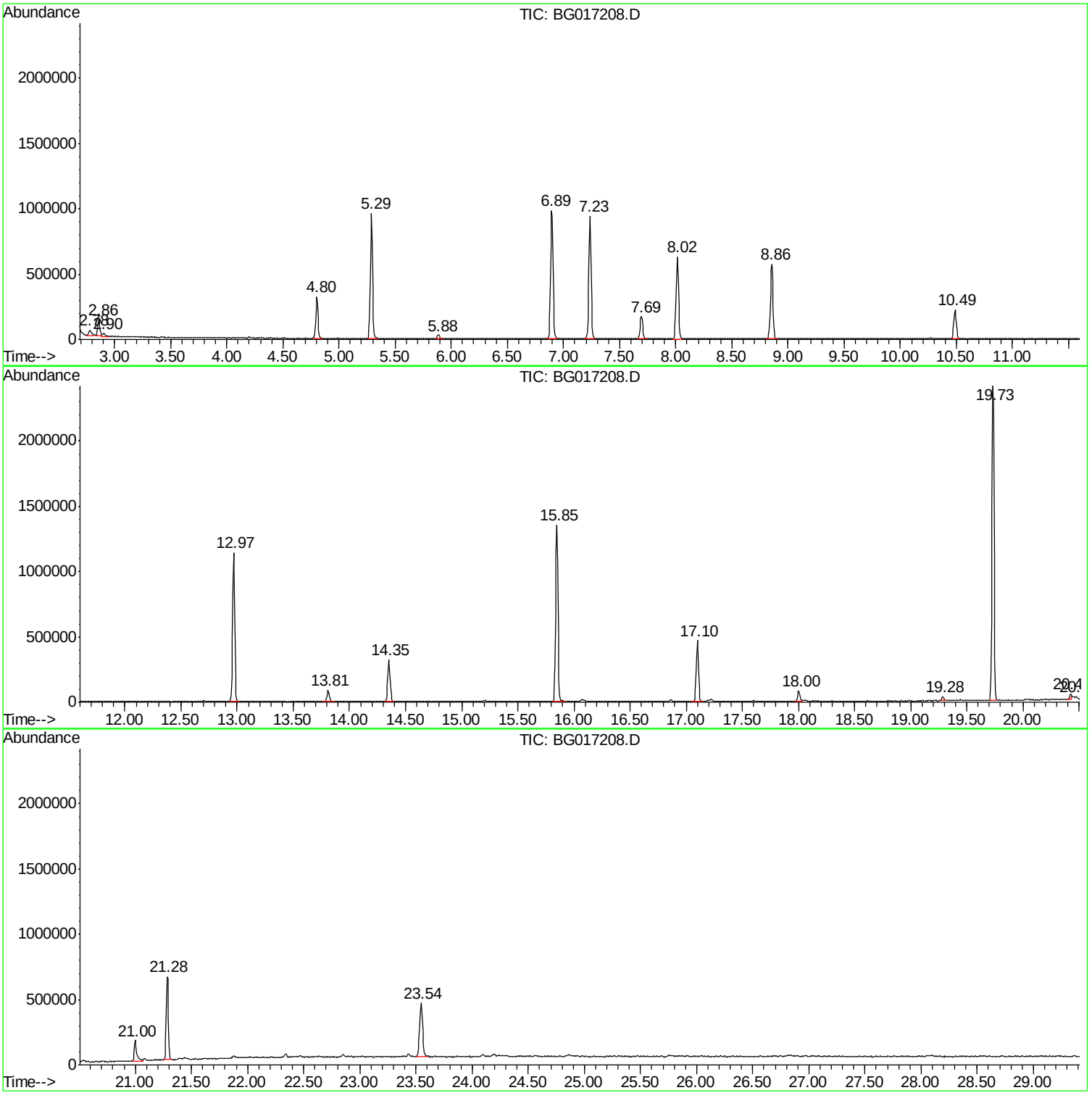
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-10(35-40)

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017208.D
Acq On : 19 May 2015 21:00
Operator : TP/IZ
Sample : G2278-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(35-40)

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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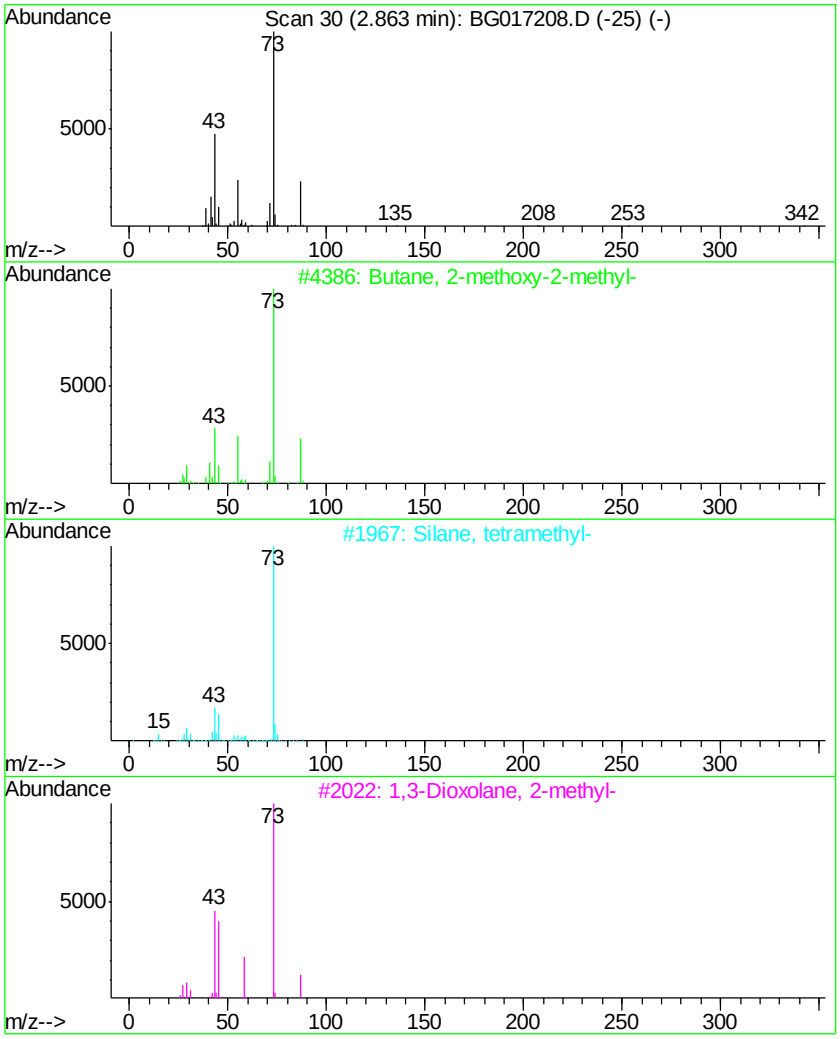
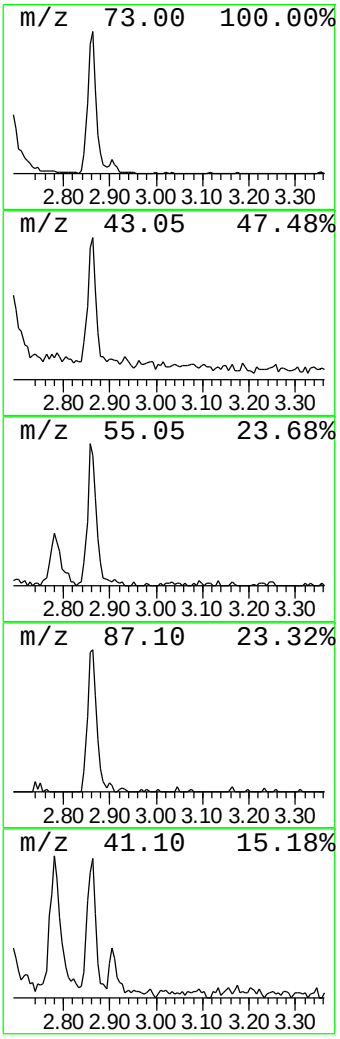
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	11.90 ng	163325	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





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Data File : BG017208.D
Acq On : 19 May 2015 21:00
Operator : TP/IZ
Sample : G2278-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(35-40)

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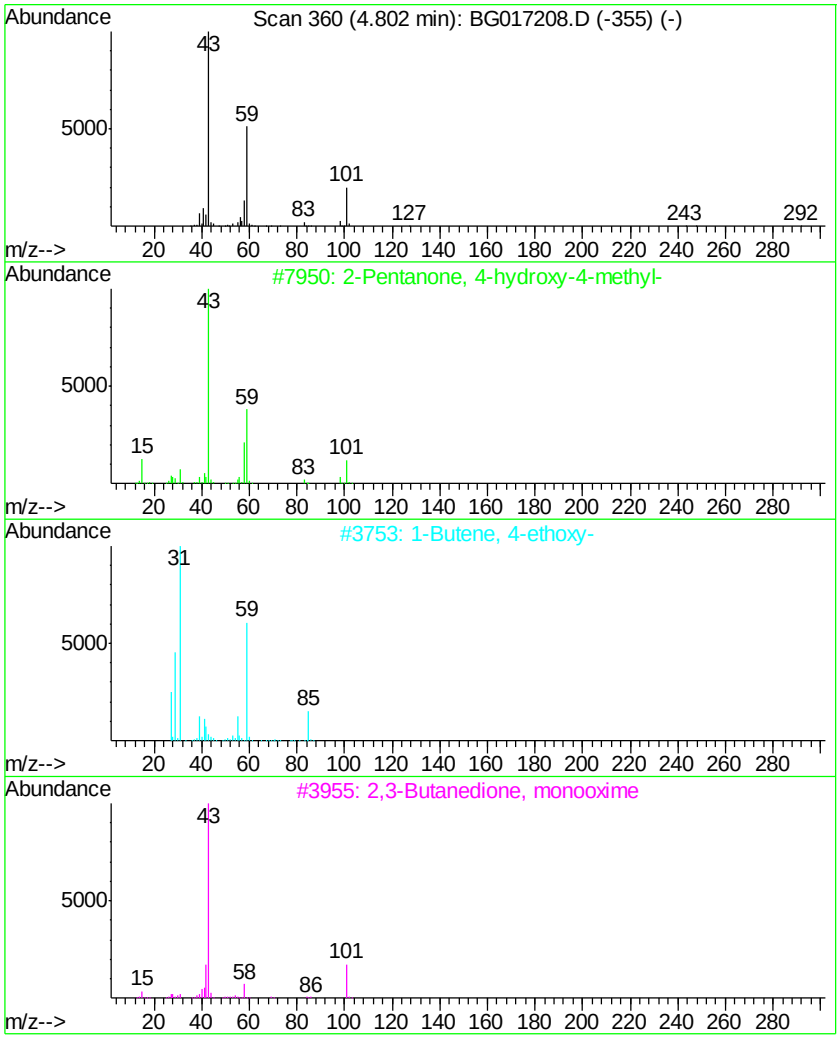
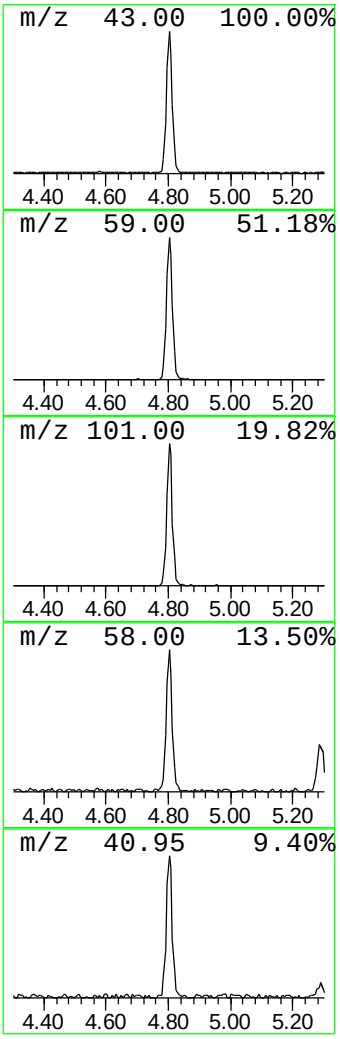
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	31.36 ng	430243	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane	58	C4H10	000106-97-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017208.D
Acq On : 19 May 2015 21:00
Operator : TP/IZ
Sample : G2278-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(35-40)

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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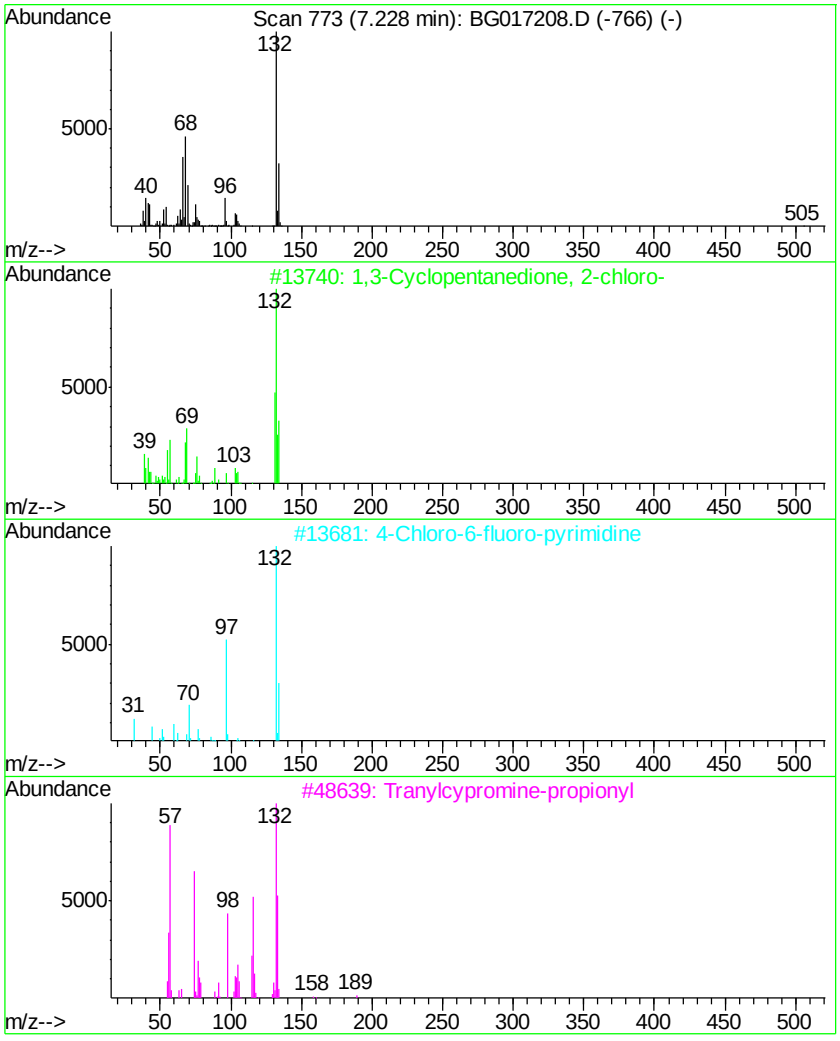
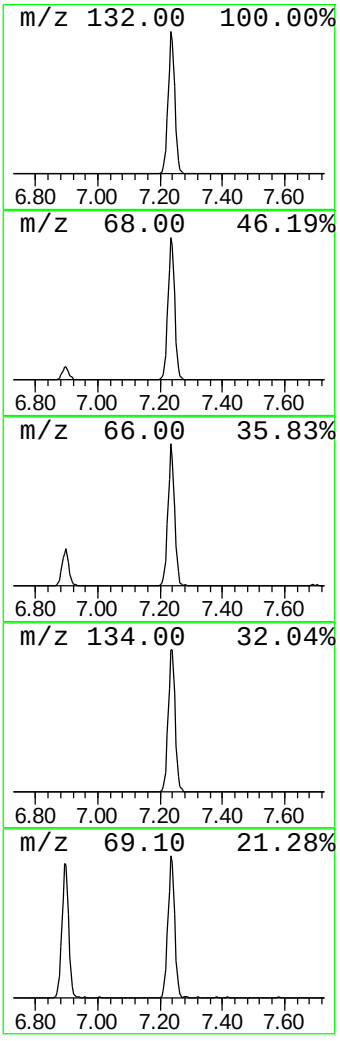
Peak Number 6 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	106.46 ng	1460600	1,4-Dichlorobenzene-d4	7.69

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Sample : G2278-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(35-40)

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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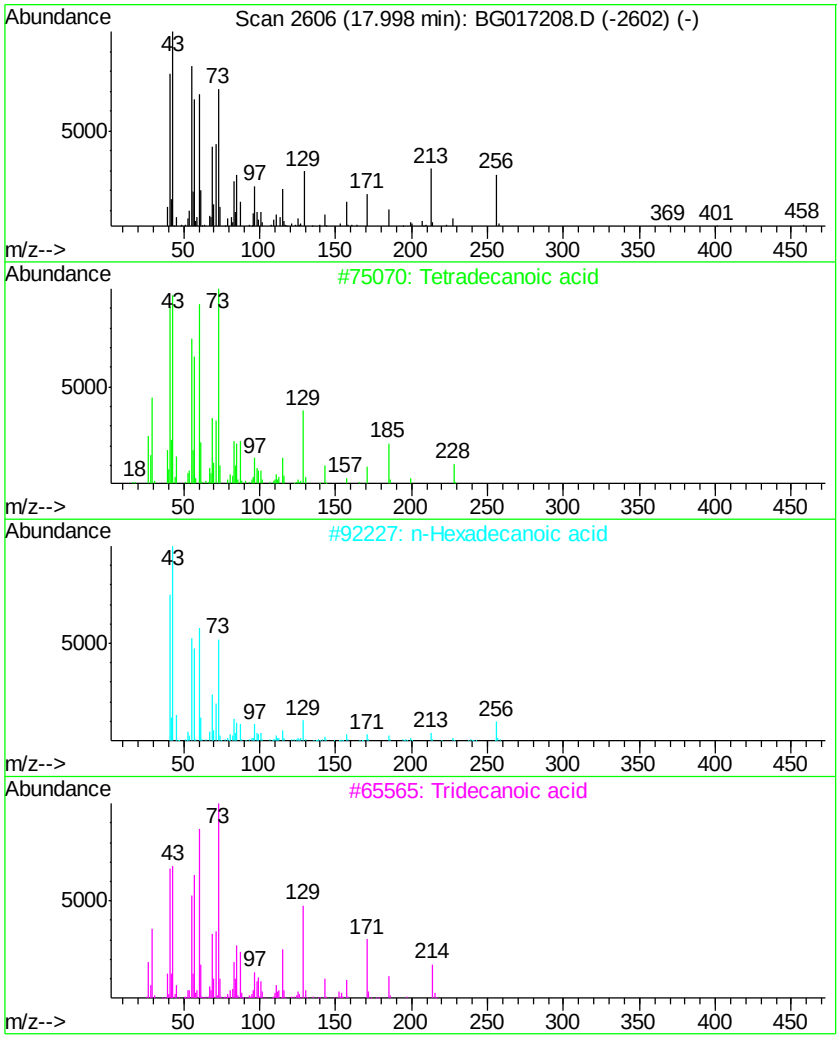
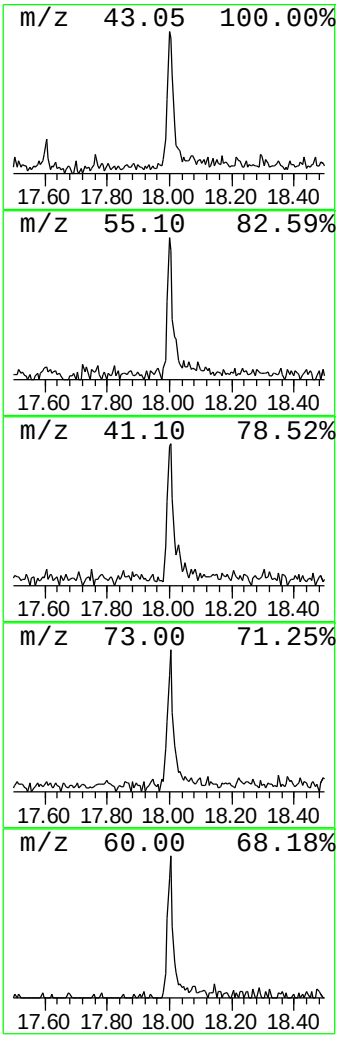
Peak Number 8 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.30 ng	110903	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Operator : TP/IZ
Sample : G2278-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10(35-40)

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

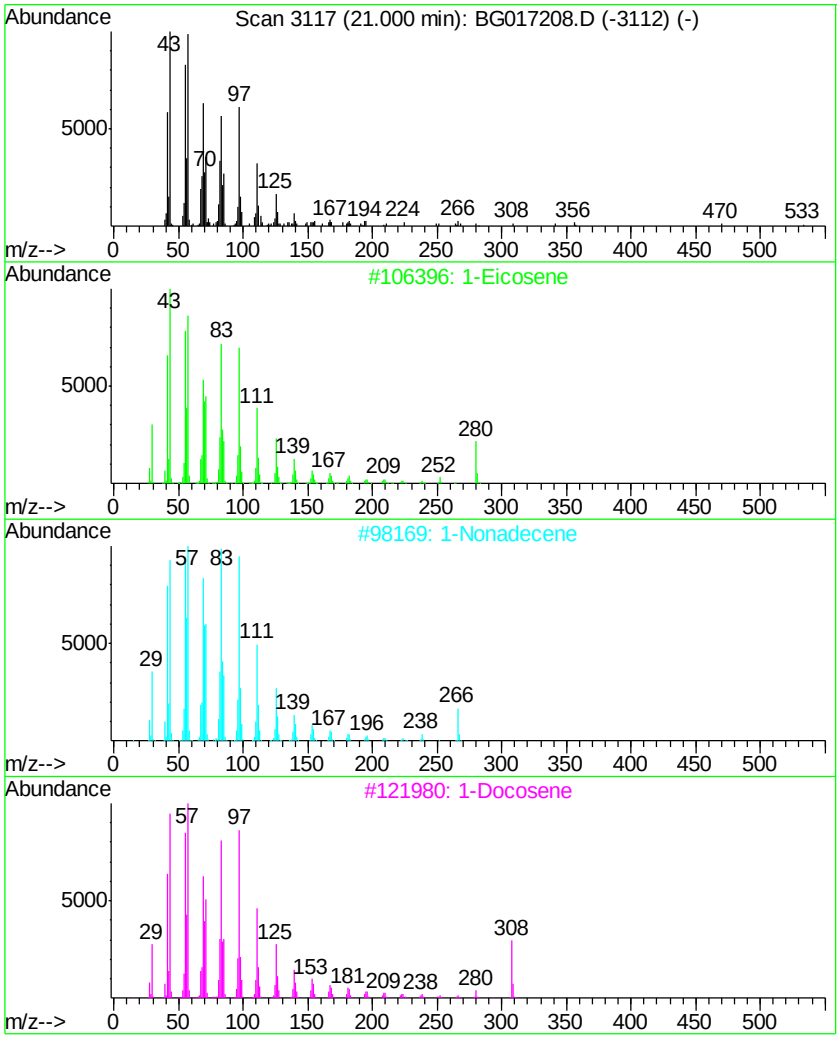
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

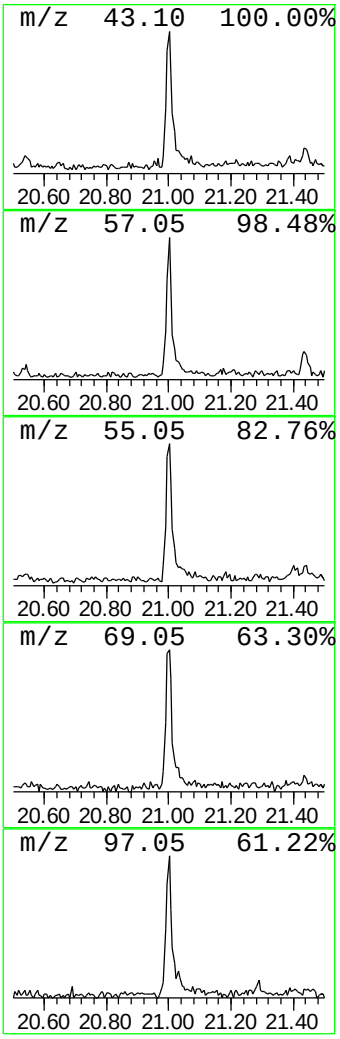
****

Peak Number 9 1-Eicosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	6.27 ng	253545	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	95
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	1-Docosene	308	C22H44	001599-67-3	95
4	1-Octadecanol	270	C18H38O	000112-92-5	93
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	93





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.86	11.9	ng	163325	1	7.69	274401	20.0
2-Pentanone, 4-hy...	4.80	31.4	ng	430243	1	7.69	274401	20.0
unknown7.23	7.23	106.5	ng	1460600	1	7.69	274401	20.0
Tetradecanoic acid	18.00	3.3	ng	110903	4	17.10	672495	20.0
1-Eicosene	21.00	6.3	ng	253545	5	21.29	808516	20.0