LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023438.D
Acq On : 3 Aug 2016 23:22
Operator : UM/SJ
Sample : H4288-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-0.5-1.5

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-BG080116.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	2.991	22	26	44	rVB	3103656	4543704	40.40%	7.337%
2	5.182	391	399	406	rBV	690094	1049683	9.33%	1.695%
3	5.658	473	480	491	rBV	2272508	3836825	34.12%	6.196%
4	7.273	748	755	769	rBV	2483270	4421659	39.32%	7.140%
5	7.649	811	819	829	rBV	2347303	4116333	36.60%	6.647%
6	8.119	892	899	907	rVB	403715	694165	6.17%	1.121%
7	8.442	946	954	962	rBV	1553230	2758333	24.53%	4.454%
8	9.294	1090	1099	1111	rBV	1492567	2696384	23.98%	4.354%
9	10.950	1373	1381	1388	rBV	593768	1094841	9.74%	1.768%
10	13.394	1790	1797	1806	rBV	3963783	6210045	55.22%	10.028%
11	14.222	1932	1938	1945	rBV	555285	796925	7.09%	1.287%
12	14.781	2026	2033	2042	rBV2	1124068	1787148	15.89%	2.886%
13	15.603	2167	2173	2177	rVB	92363	119577	1.06%	0.193%
14	16.279	2281	2288	2302	rBV	4268009	6540782	58.16%	10.562%
15	16.467	2316	2320	2329	rBV2	103463	172883	1.54%	0.279%
16	17.542	2496	2503	2509	rBV2	1679850	2610101	23.21%	4.215%
17	18.411	2645	2651	2659	rBV	381866	605995	5.39%	0.979%
18	19.598	2849	2853	2859	rVB	83408	122185	1.09%	0.197%
19	19.680	2863	2867	2876	rBV2	159569	243760	2.17%	0.394%
20	19.962	2908	2915	2921	rVB	83135	181480	1.61%	0.293%
21	20.150	2941	2947	2953	rBV	7961004	11246385	100.00%	18.161%
22	21.466	3166	3171	3178	rBV5	115303	261245	2.32%	0.422%
23	21.853	3229	3237	3244	rBV2	1722676	2988923	26.58%	4.827%
24	23.768	3557	3563	3569	rBV3	63562	173924	1.55%	0.281%
25	25.231	3802	3812	3823	rBV	918156	2652614	23.59%	4.284%

Sum of corrected areas: 61925899

LSC Report - Integrated Chromatogram

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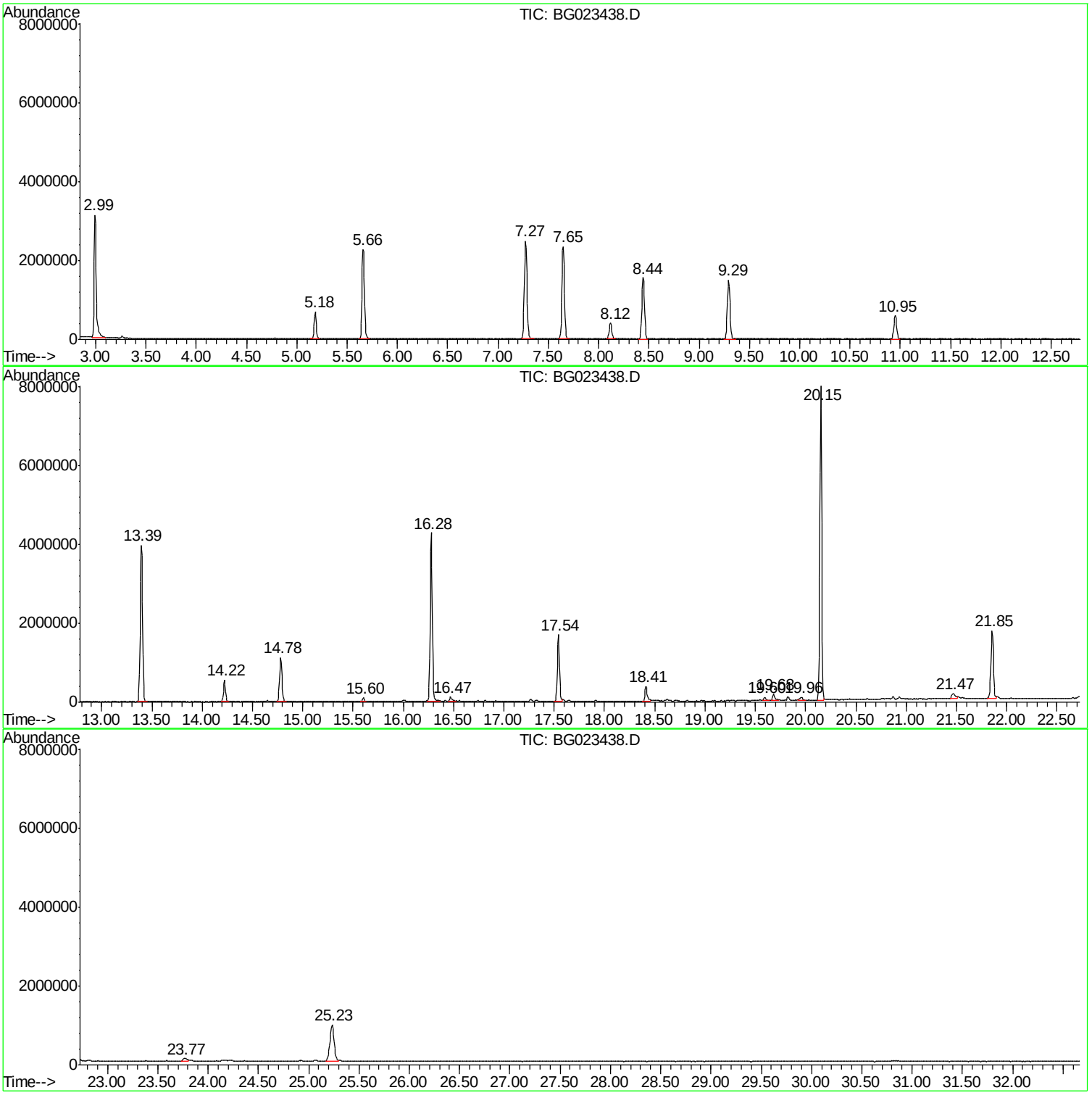
Instrument : BNA_G
ClientSampleId : SB-65-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023438.D
Acq On : 3 Aug 2016 23:22
Operator : UM/SJ
Sample : H4288-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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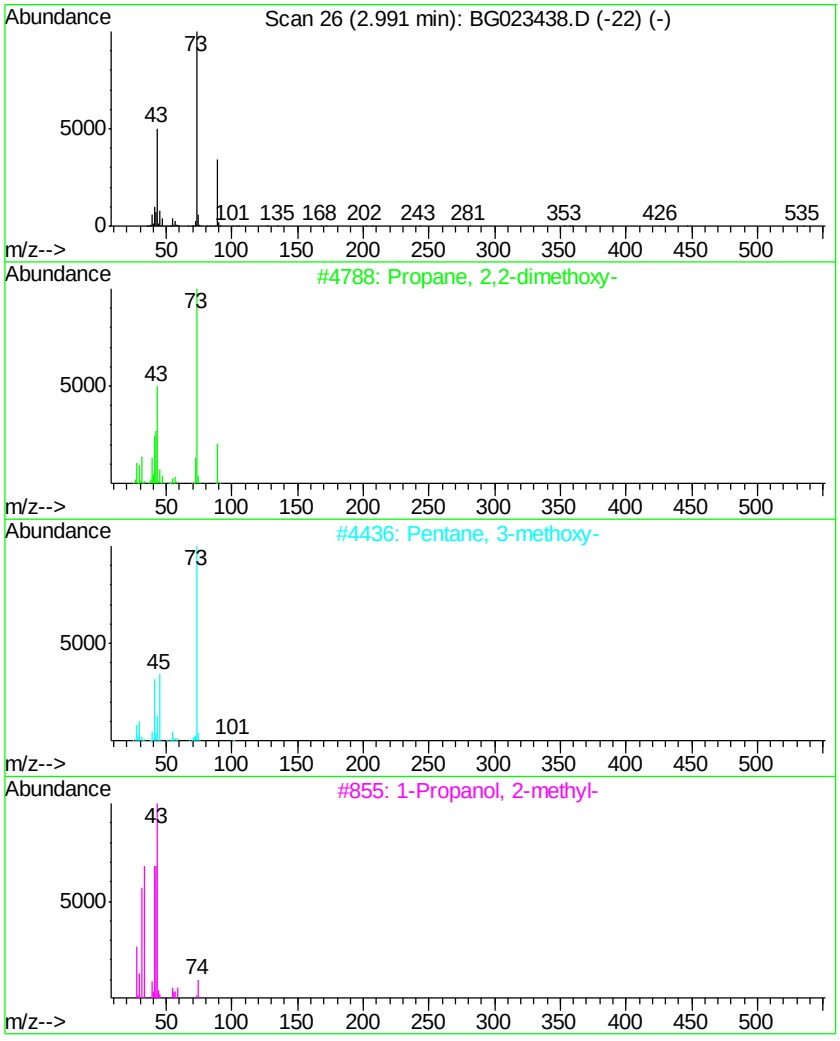
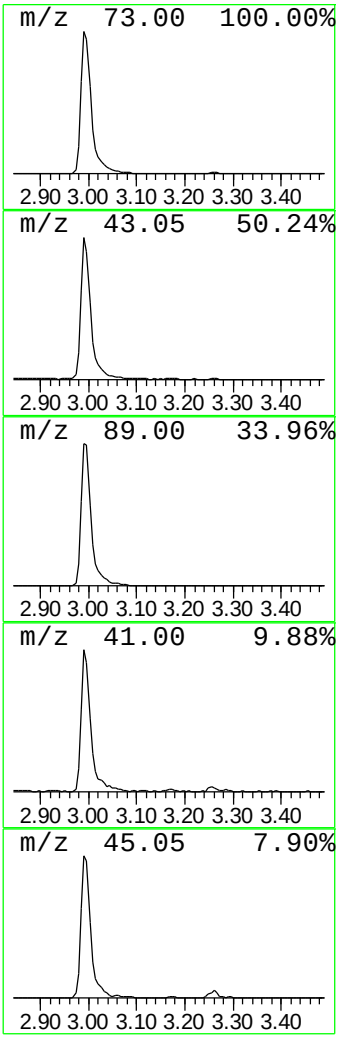
Peak Number 1 unknown2.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	130.91 ng	4543700	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





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Data File : BG023438.D
Acq On : 3 Aug 2016 23:22
Operator : UM/SJ
Sample : H4288-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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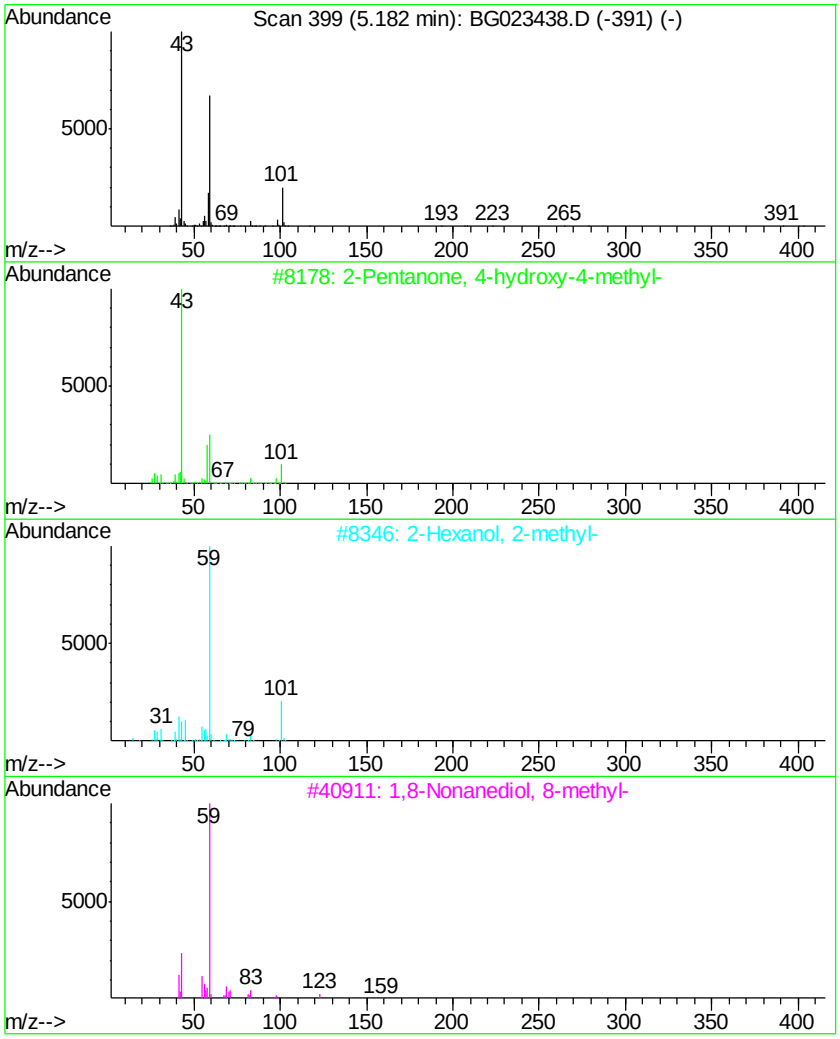
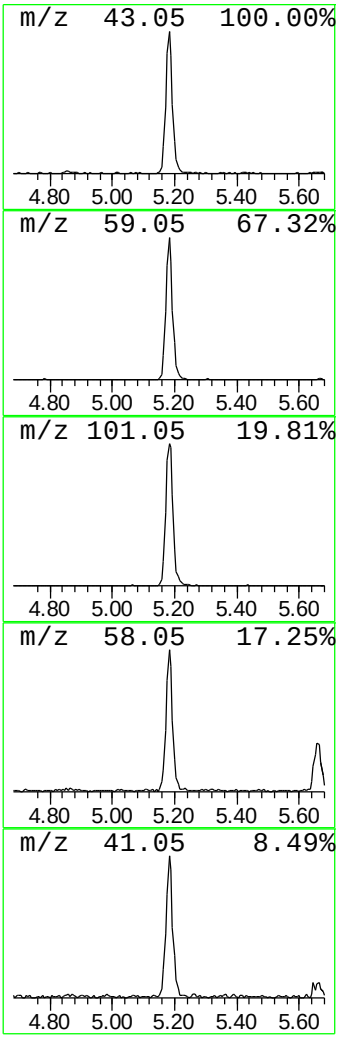
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	30.24 ng	1049680	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	Acetone	58	C3H6O	000067-64-1	9
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023438.D
Acq On : 3 Aug 2016 23:22
Operator : UM/SJ
Sample : H4288-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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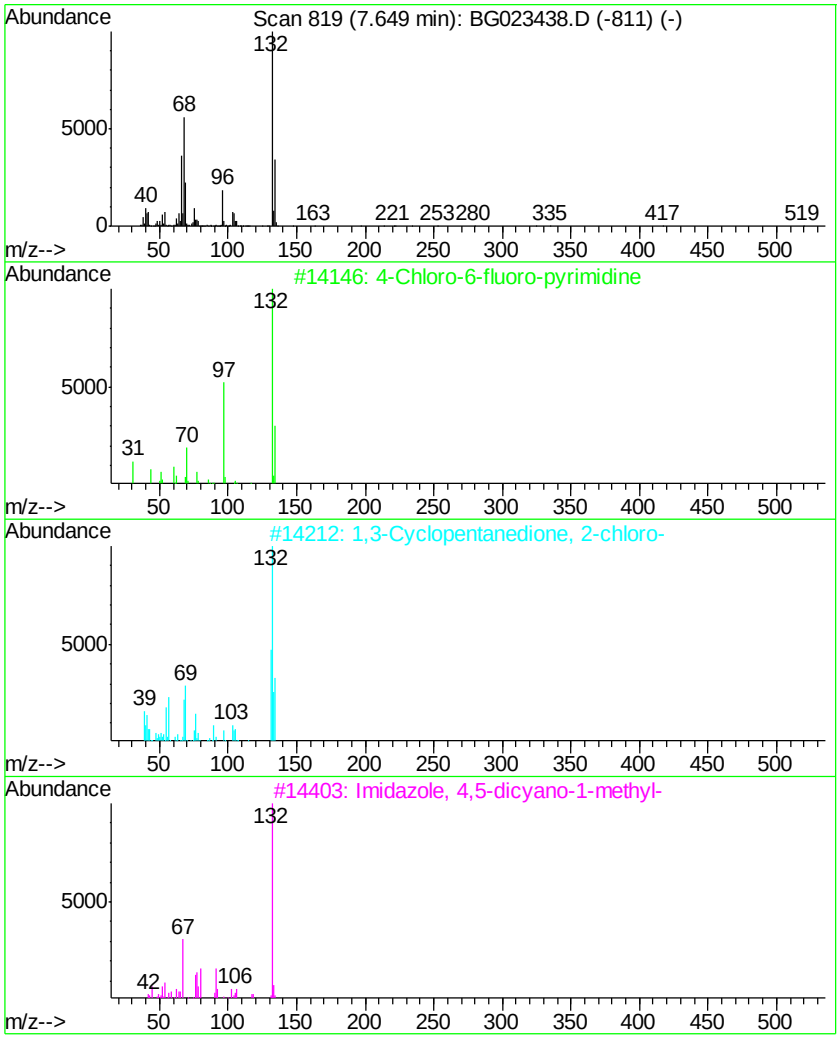
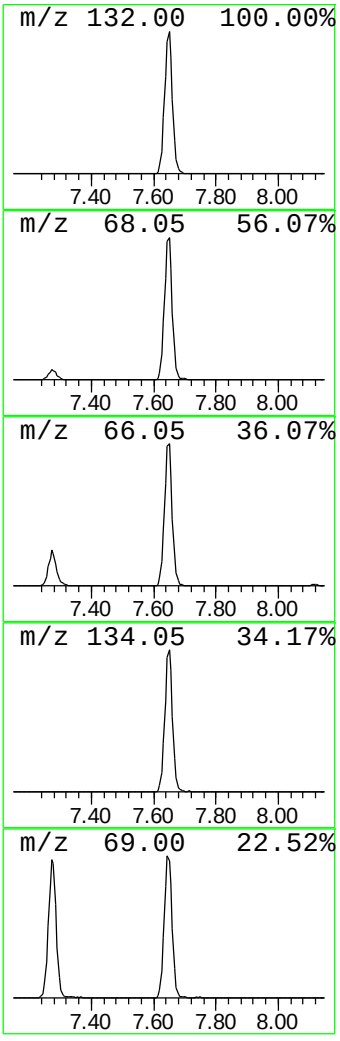
Peak Number 3 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	118.60 ng	4116330	1,4-Dichlorobenzene-d4	8.12

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	25
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Sample : H4288-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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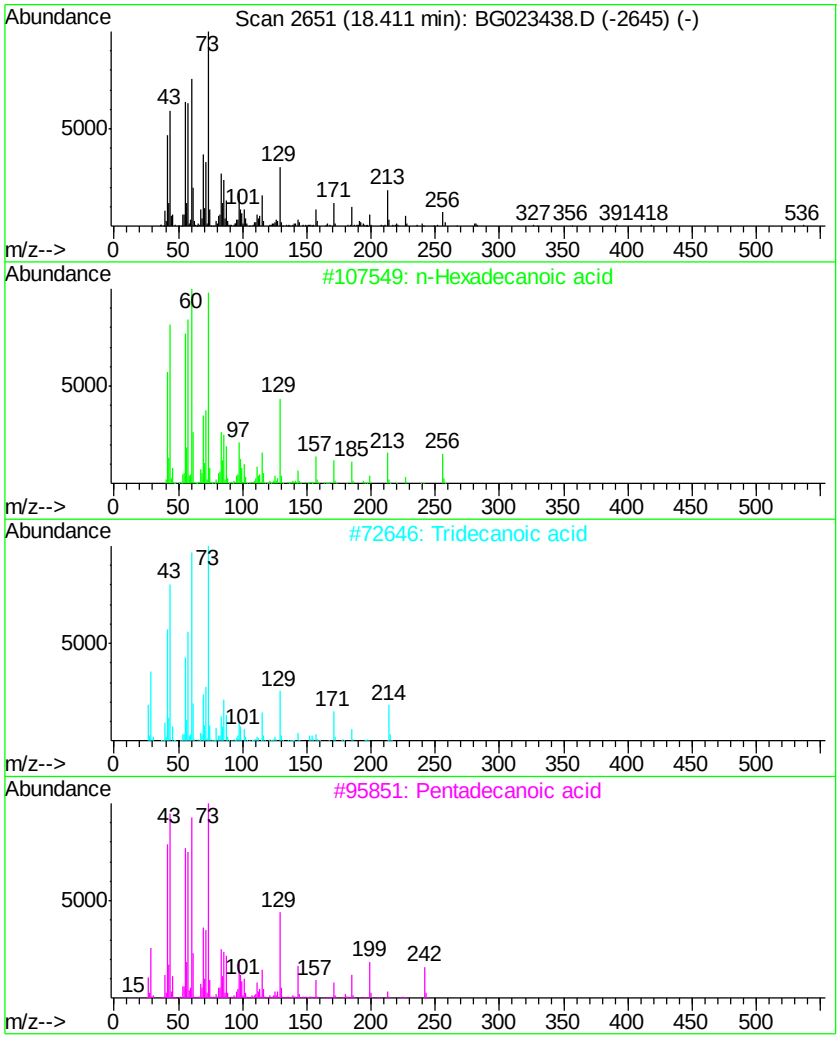
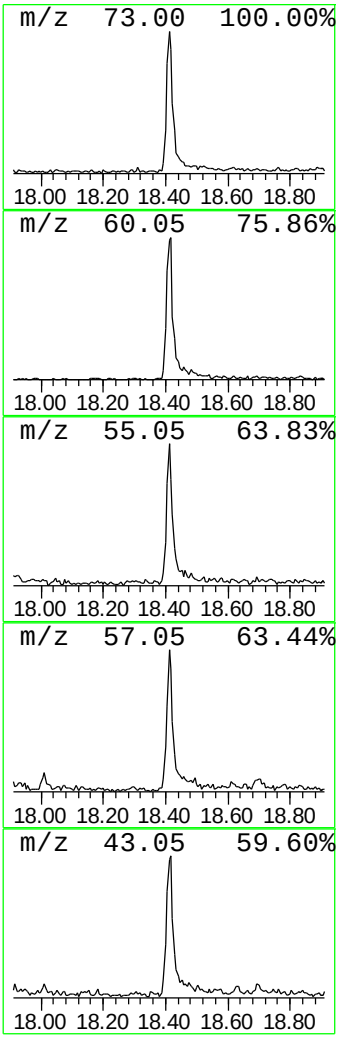
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.64 ng	605995	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080316\
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.99	2.99	130.9	ng	4543700	1	8.12	694165	20.0
2-Pentanone, 4-hy...	5.18	30.2	ng	1049680	1	8.12	694165	20.0
unknown7.65	7.65	118.6	ng	4116330	1	8.12	694165	20.0
n-Hexadecanoic acid	18.41	4.6	ng	605995	4	17.54	2610100	20.0