LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023078.D
Acq On : 13 Jul 2016 20:31
Operator : UM/SJ
Sample : H3981-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C4.1-02

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-BG070816.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	3.040	29	34	52	rBV	4247697	6158287	59.45%	9.892%
2	5.225	400	406	412	rBV	223366	337480	3.26%	0.542%
3	5.701	479	487	498	rBV	2231095	3613792	34.89%	5.805%
4	7.311	754	761	771	rBV	2454856	4493179	43.37%	7.217%
5	7.687	817	825	834	rVB	2317935	4042320	39.02%	6.493%
6	8.151	896	904	914	rBV	395342	700905	6.77%	1.126%
7	8.480	949	960	968	rBV	1612503	2805569	27.08%	4.506%
8	9.326	1096	1104	1112	rBV	1525471	2834272	27.36%	4.552%
9	10.983	1378	1386	1395	rBV	610038	1099118	10.61%	1.765%
10	13.422	1792	1801	1816	rBV	4339315	6994351	67.52%	11.234%
11	14.244	1933	1941	1949	rBV	1008972	1528097	14.75%	2.454%
12	14.802	2030	2036	2044	rBV2	1088224	1843702	17.80%	2.961%
13	16.295	2284	2290	2302	rBV	4295830	6792358	65.57%	10.910%
14	16.483	2317	2322	2335	rBV2	63030	136641	1.32%	0.219%
15	17.558	2498	2505	2514	rBV2	1504338	2404292	23.21%	3.862%
16	17.916	2559	2566	2576	rBV5	80491	179558	1.73%	0.288%
17	18.428	2648	2653	2659	rBV	285669	425233	4.10%	0.683%
18	19.691	2864	2868	2875	rBV6	159660	235631	2.27%	0.378%
19	20.161	2942	2948	2954	rBV	7557002	10359104	100.00%	16.639%
20	21.471	3167	3171	3177	rBV2	153715	233974	2.26%	0.376%
21	21.865	3232	3238	3247	rBV2	1533510	2605195	25.15%	4.185%
22	25.255	3803	3815	3825	rBV2	808487	2434954	23.51%	3.911%

Sum of corrected areas: 62258012

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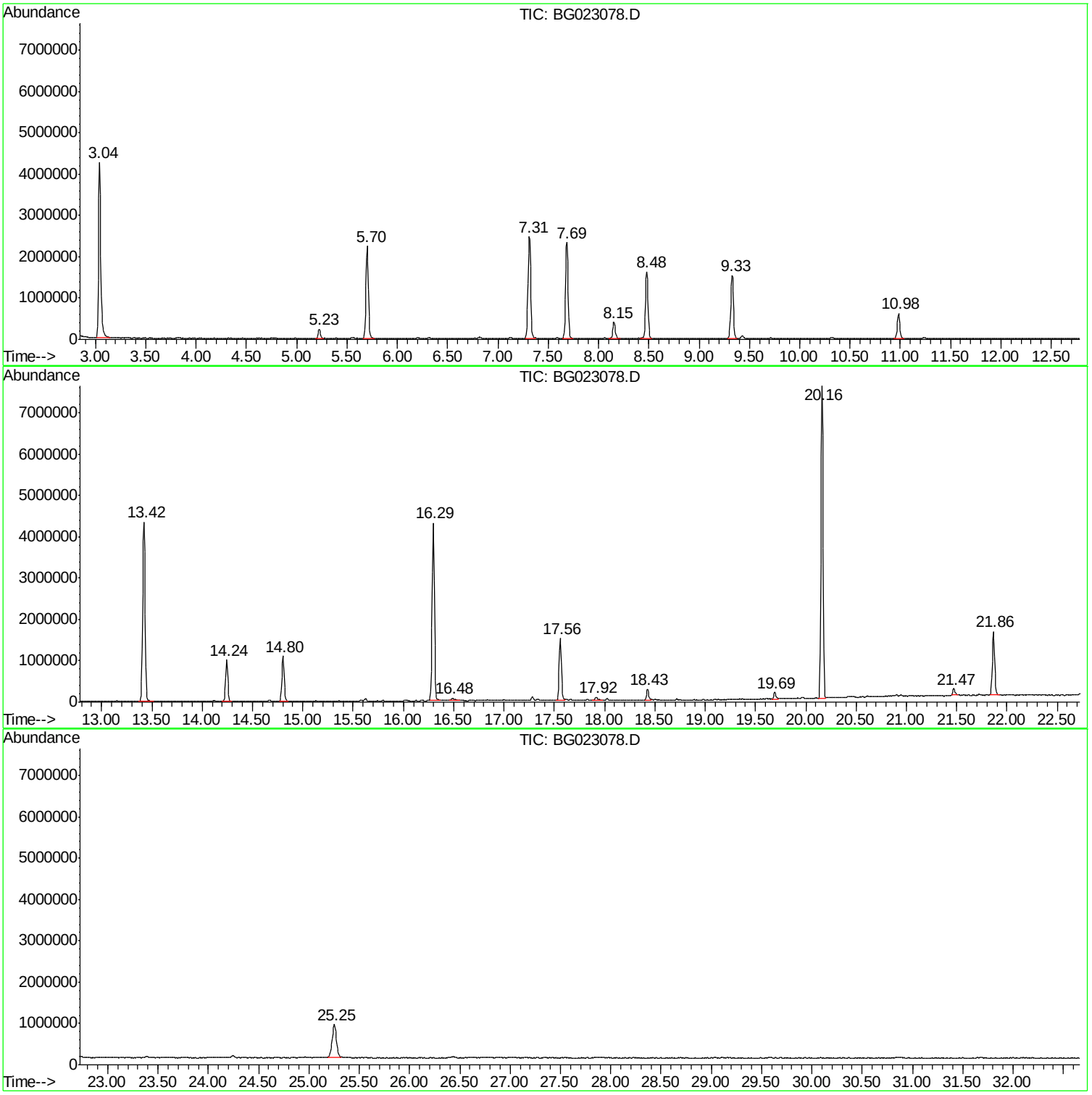
ClientSampleId : C4.1-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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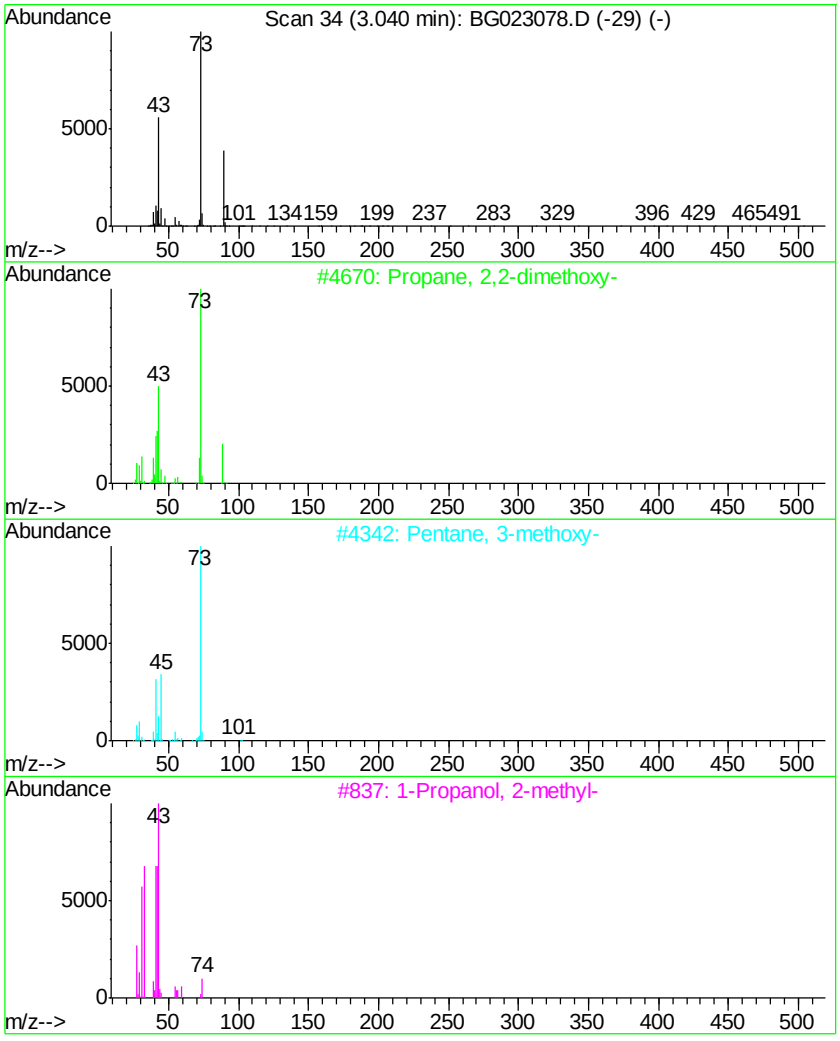
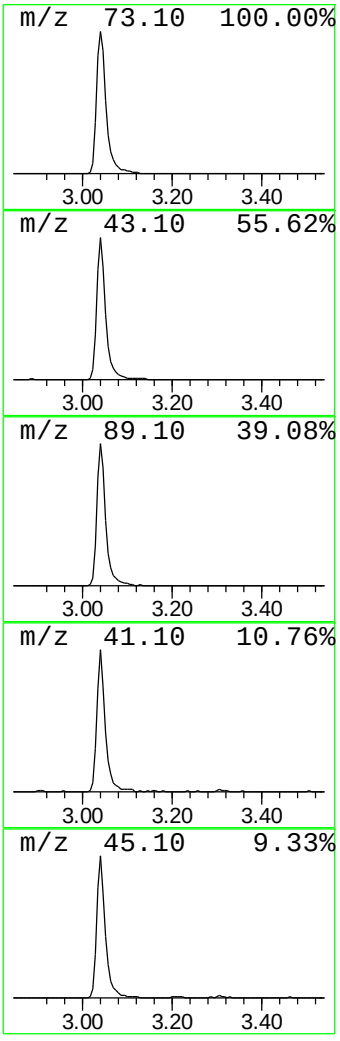
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	175.72 ng	6158290	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
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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Instrument : BNA_G
ClientSampleId : C4.1-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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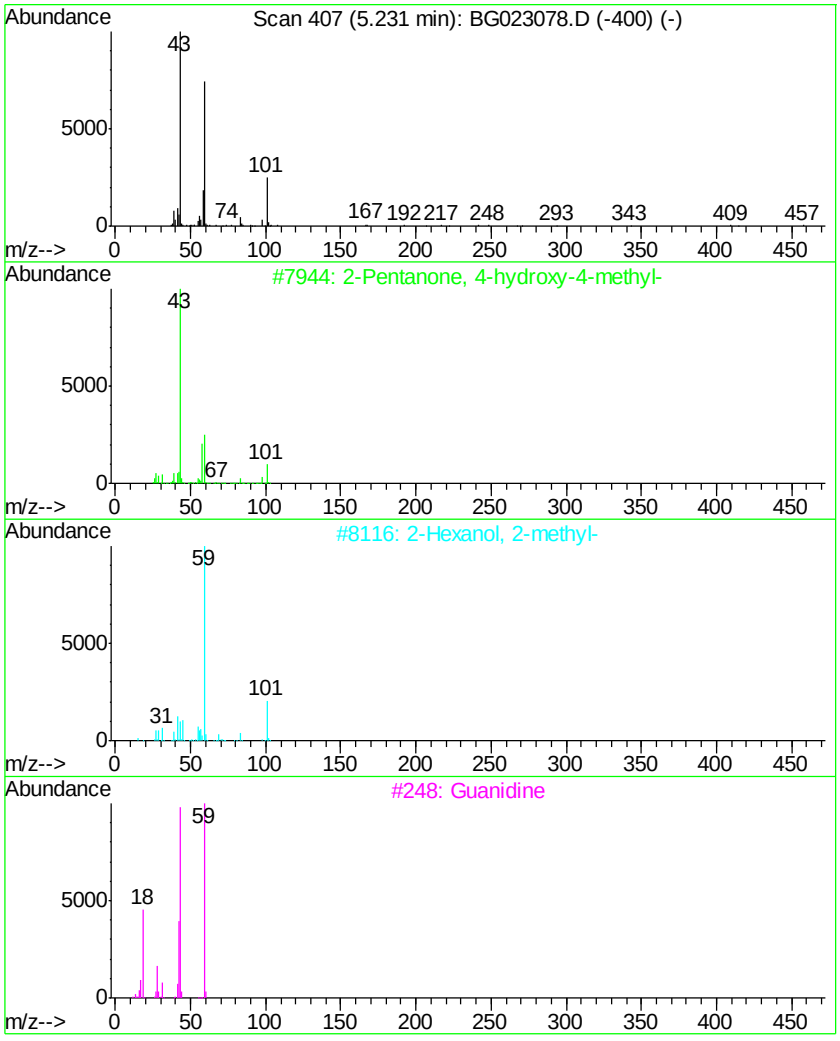
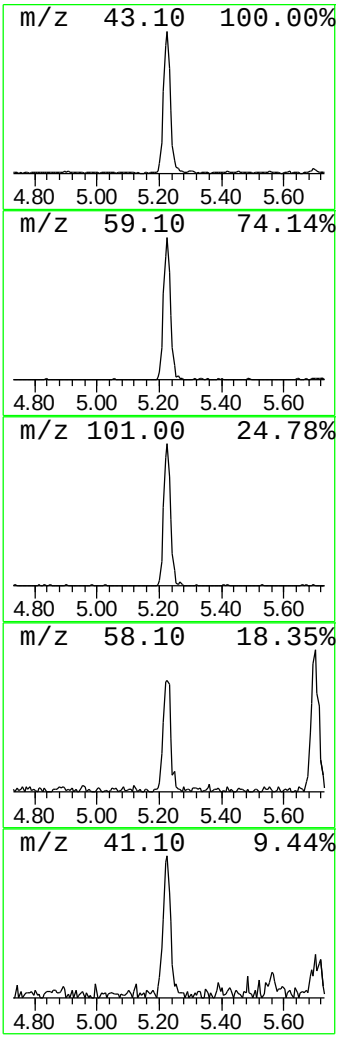
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	9.63 ng	337480	1,4-Dichlorobenzene-d4	8.16

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	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023078.D
Acq On : 13 Jul 2016 20:31
Operator : UM/SJ
Sample : H3981-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C4.1-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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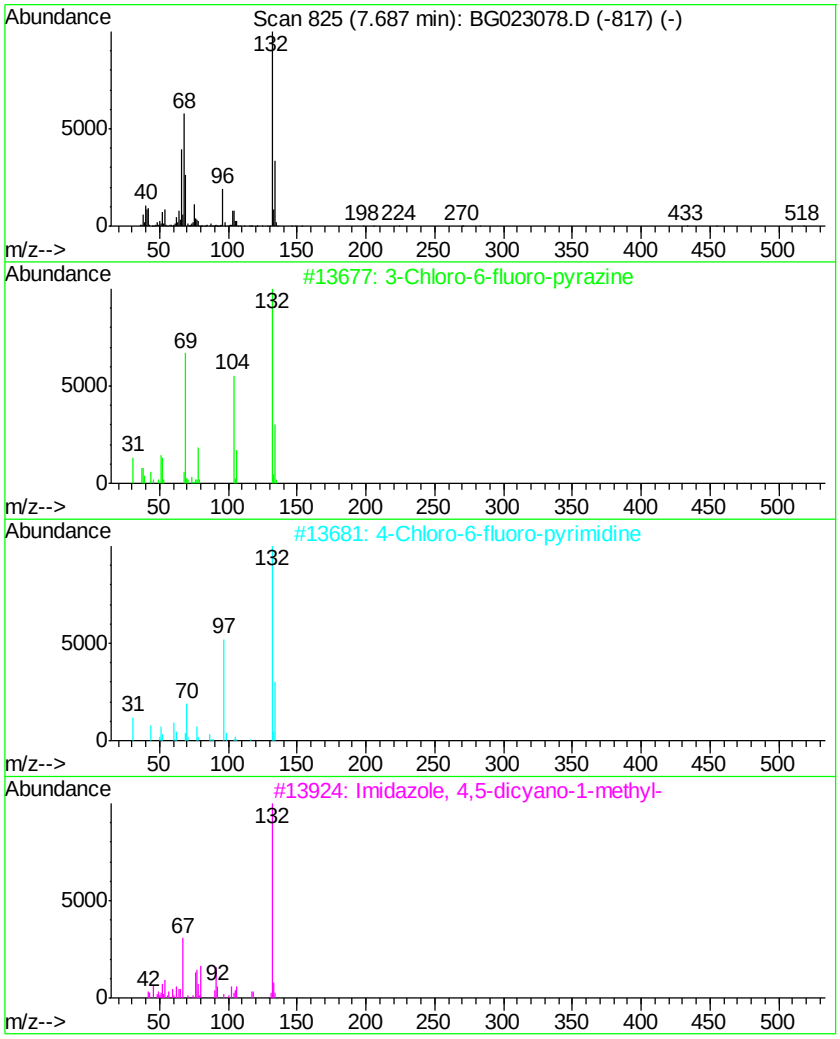
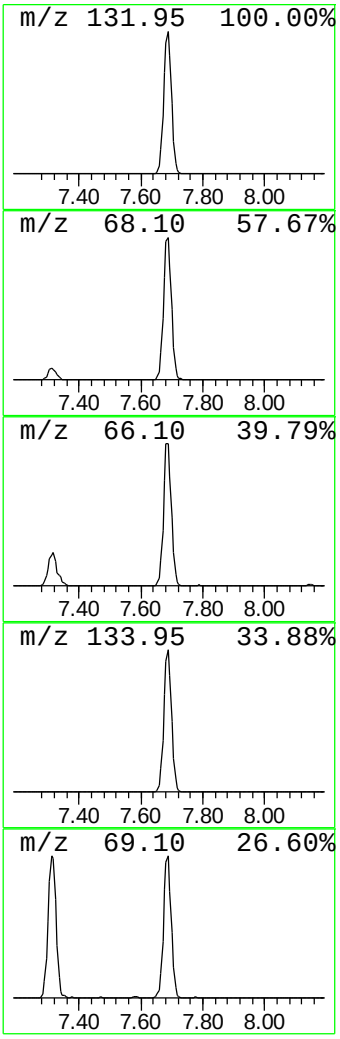
Peak Number 3 unknown7.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	115.35 ng	4042320	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	18
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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Operator : UM/SJ
Sample : H3981-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C4.1-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
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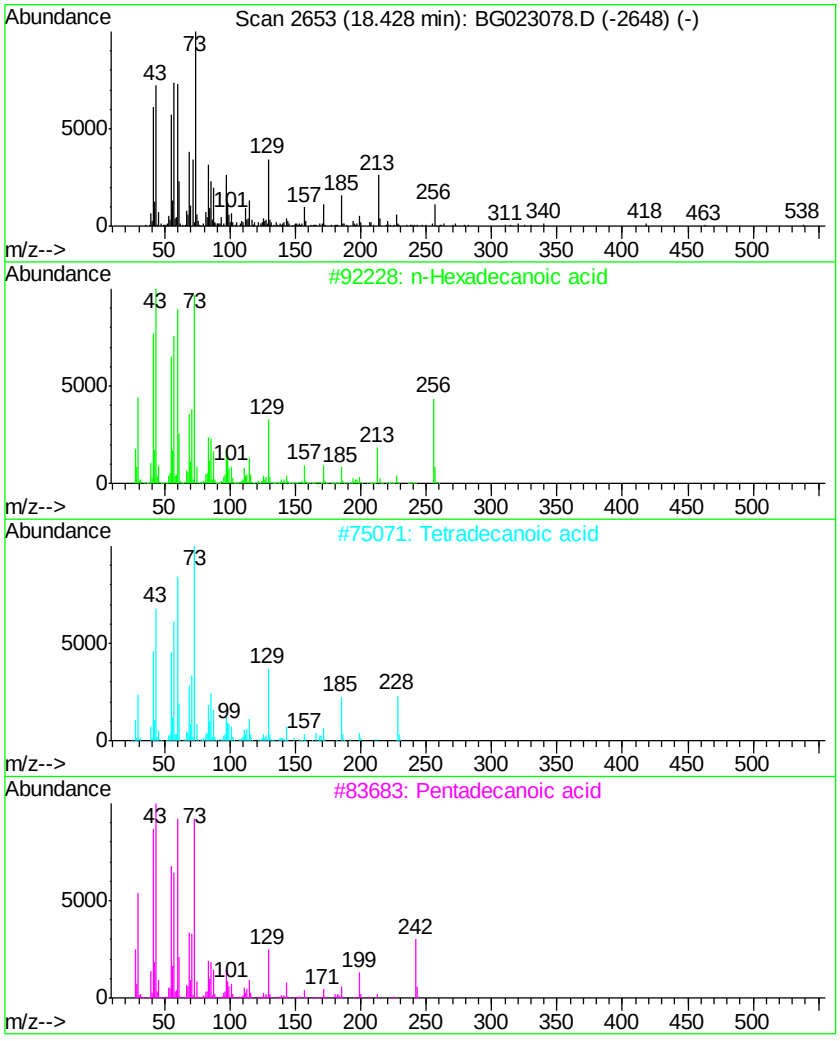
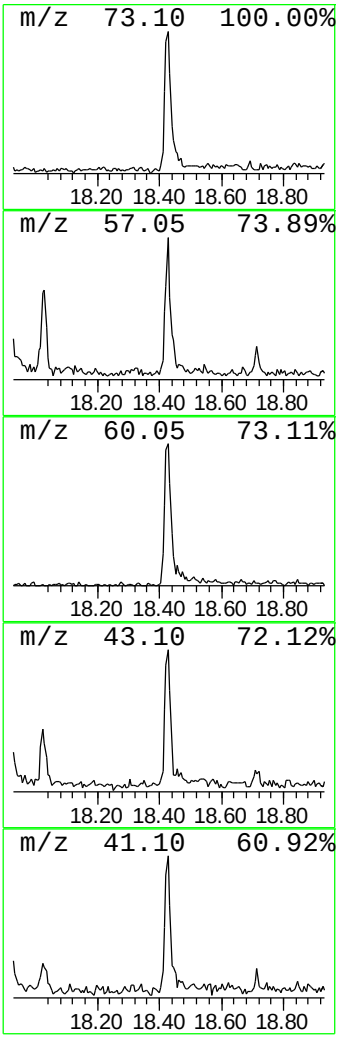
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.54 ng	425233	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Docosanoic acid	340	C22H44O2	000112-85-6	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071316\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C4.1-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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
Propane, 2,2-dime...	3.04	175.7	ng	6158290	1	8.16	700905	20.0
2-Pentanone, 4-hy...	5.23	9.6	ng	337480	1	8.16	700905	20.0
unknown7.69	7.69	115.3	ng	4042320	1	8.16	700905	20.0
n-Hexadecanoic acid	18.43	3.5	ng	425233	4	17.56	2404290	20.0