LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023155.D
Acq On : 16 Jul 2016 20:25
Operator : UM/SJ
Sample : H4017-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-10

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	2.890	5	9	22	rVB3	97998	265893	3.68%	0.457%
2	3.042	29	35	53	rBV	3857285	6210670	85.84%	10.667%
3	3.183	53	59	72	rVB3	83855	200356	2.77%	0.344%
4	4.829	333	339	348	rBV2	154543	262738	3.63%	0.451%
5	5.222	400	406	416	rVB	303349	488313	6.75%	0.839%
6	5.698	480	487	501	rBV	2237459	3700057	51.14%	6.355%
7	7.308	751	761	774	rBV	2422527	4480954	61.93%	7.696%
8	7.684	817	825	833	rBV	2373805	4202265	58.08%	7.218%
9	8.154	896	905	913	rBV	552518	983712	13.60%	1.690%
10	8.477	950	960	969	rBV	1726294	3085708	42.65%	5.300%
11	9.323	1095	1104	1113	rBV	1570151	2887914	39.92%	4.960%
12	9.429	1116	1122	1127	rBV2	54646	91848	1.27%	0.158%
13	10.980	1378	1386	1393	rBV	792215	1424631	19.69%	2.447%
14	13.418	1792	1801	1812	rBV	4013506	6265946	86.61%	10.762%
15	14.241	1933	1941	1946	rBV	1038762	1572375	21.73%	2.701%
16	14.799	2028	2036	2045	rBV2	1228230	2029171	28.05%	3.485%
17	15.616	2171	2175	2179	rVB3	58992	85079	1.18%	0.146%
18	16.292	2283	2290	2301	rBV	3286995	5059690	69.93%	8.690%
19	16.480	2318	2322	2326	rBV2	83958	133932	1.85%	0.230%
20	17.279	2454	2458	2460	rBV	90034	111261	1.54%	0.191%
21	17.555	2499	2505	2511	rBV2	1376797	2209004	30.53%	3.794%
22	18.418	2649	2652	2658	rBV3	392004	567866	7.85%	0.975%
23	19.688	2865	2868	2873	rVB5	204493	246173	3.40%	0.423%
24	20.152	2942	2947	2955	rVB	5386157	7234939	100.00%	12.426%
25	21.856	3233	3237	3245	rVB	1343072	2282242	31.54%	3.920%
26	25.246	3808	3814	3826	rVB2	706172	2140068	29.58%	3.676%

Sum of corrected areas: 58222805

LSC Report - Integrated Chromatogram

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Misc :
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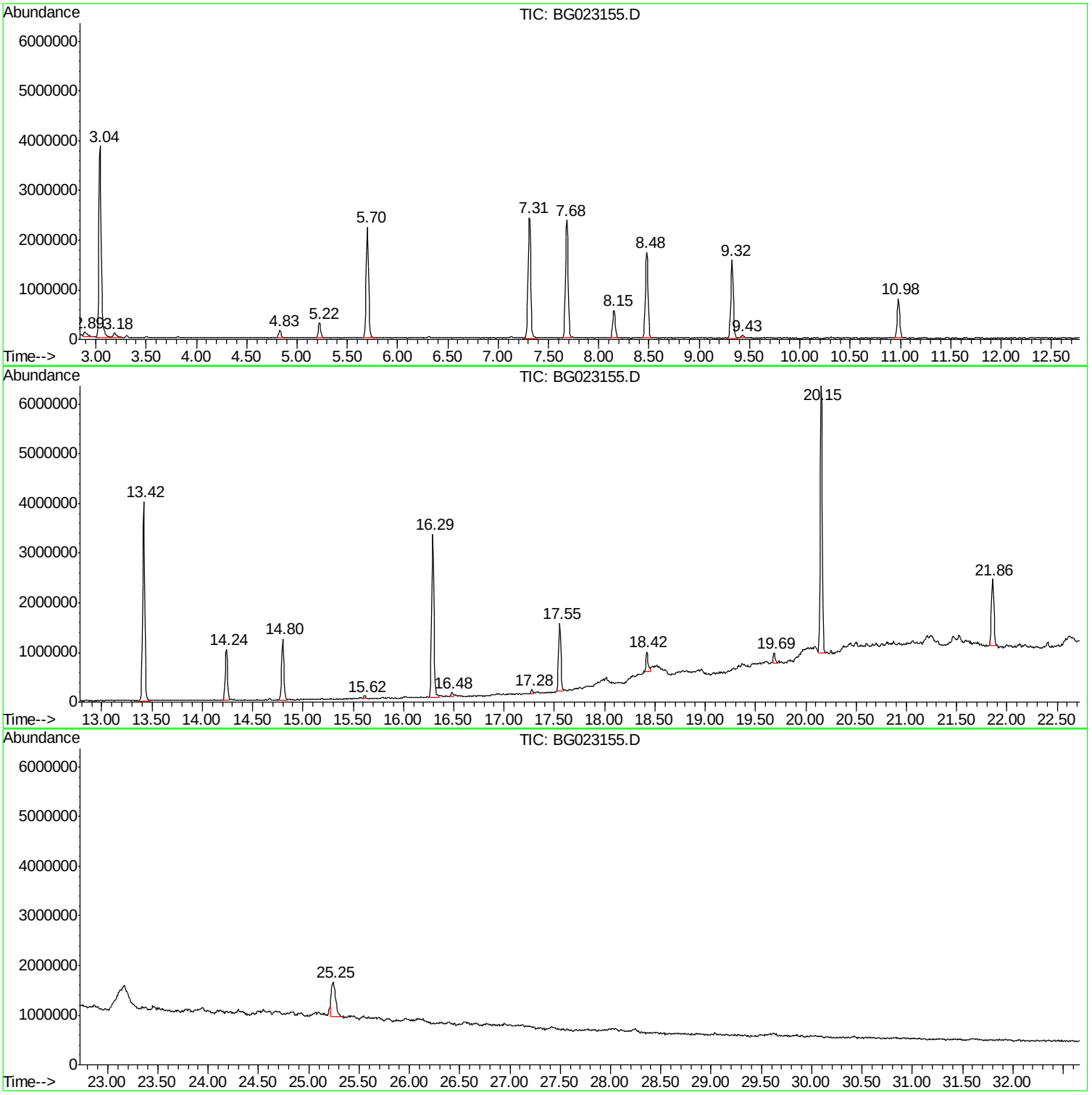
Instrument :
BNA_G
ClientSampleId :
C5-10

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023155.D
Acq On : 16 Jul 2016 20:25
Operator : UM/SJ
Sample : H4017-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-10

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

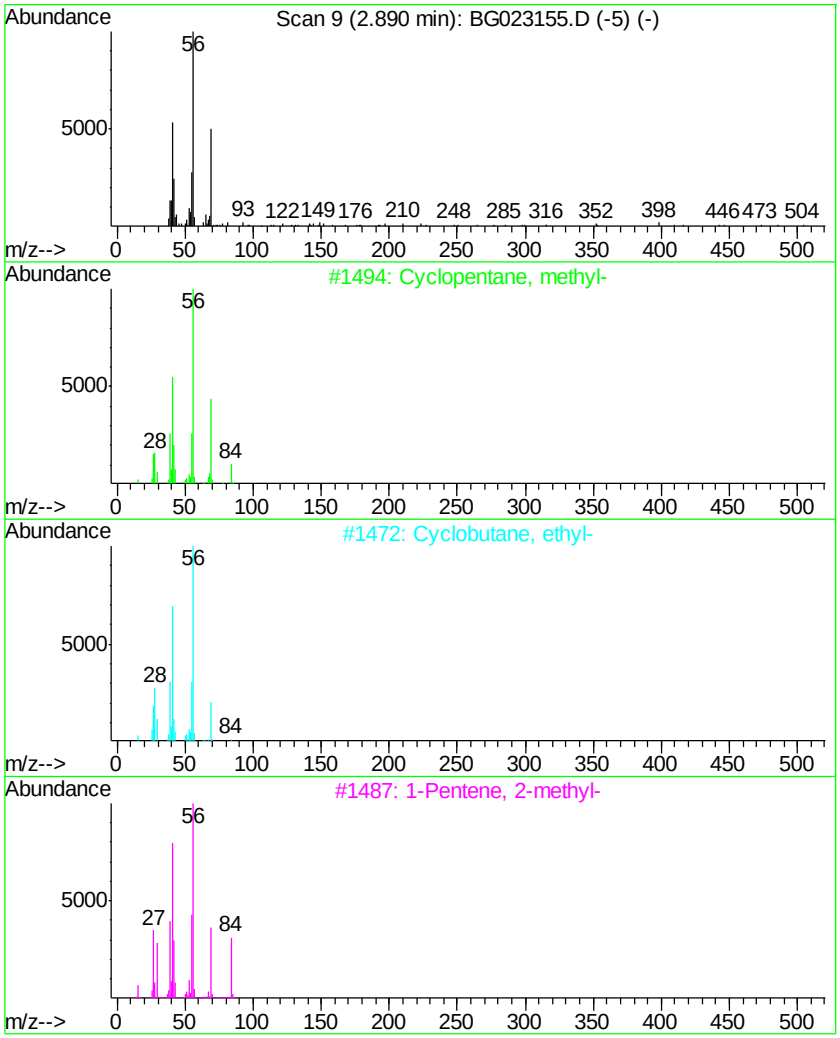
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

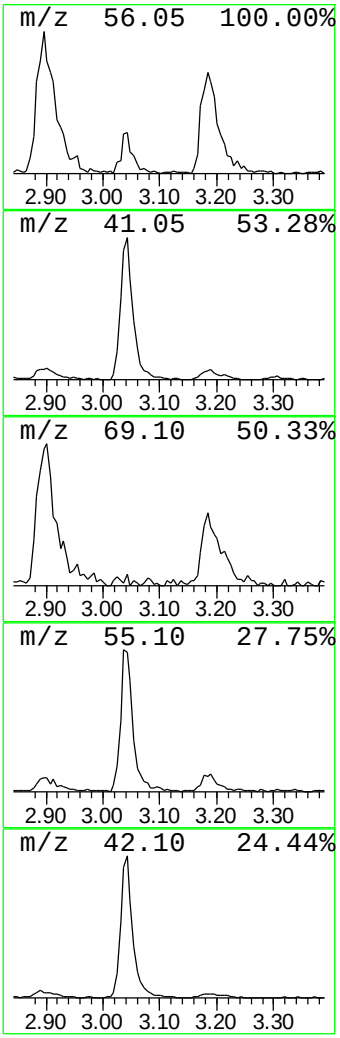
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	5.41 ng	265893	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
4	Cyclobutane	56	C4H8	000287-23-0	50
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	39





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Operator : UM/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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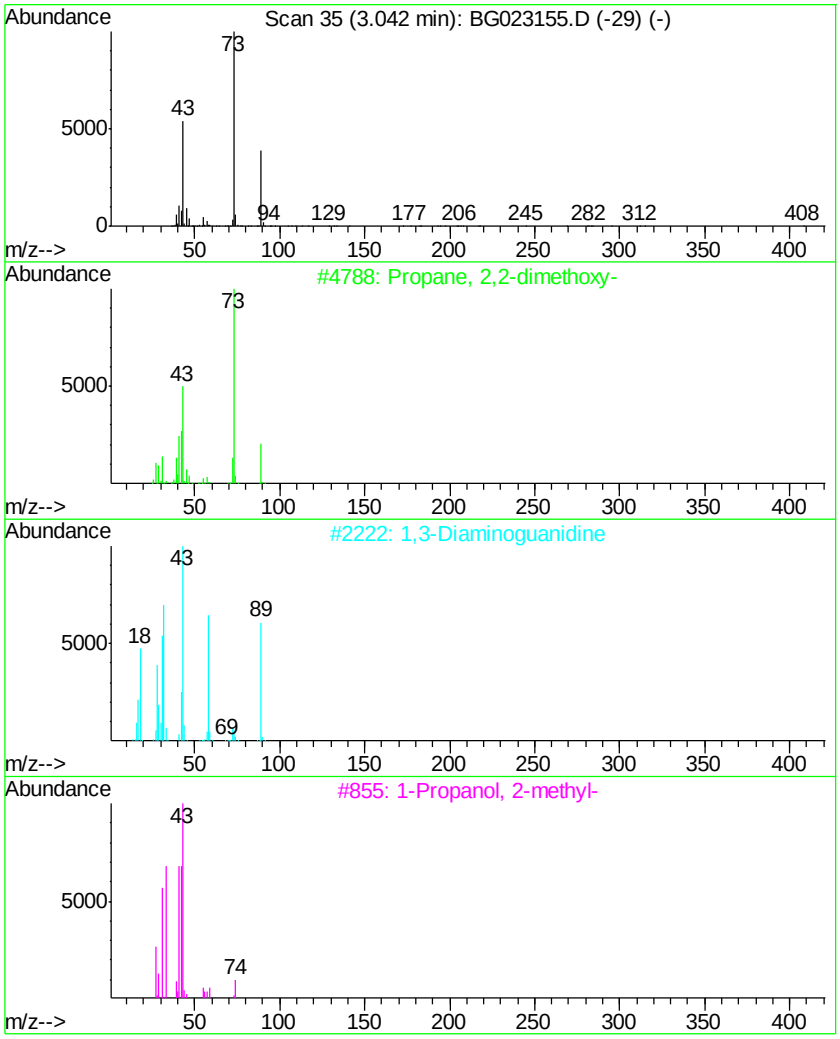
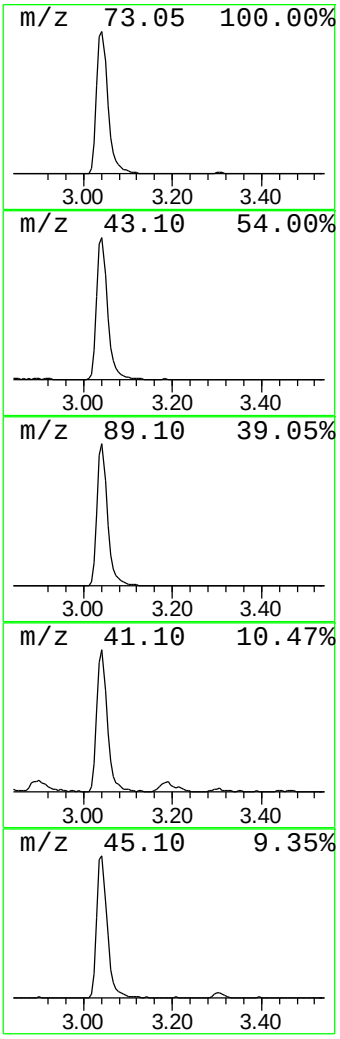
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	126.27 ng	6210670	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023155.D
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Operator : UM/SJ
Sample : H4017-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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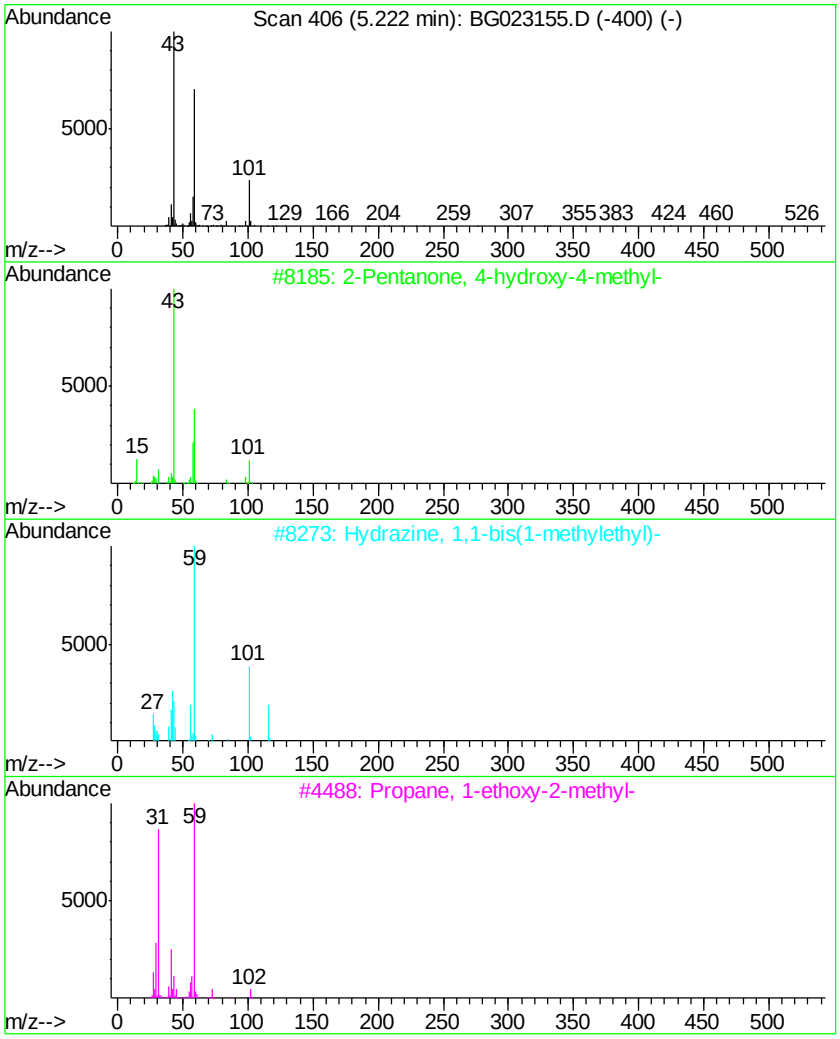
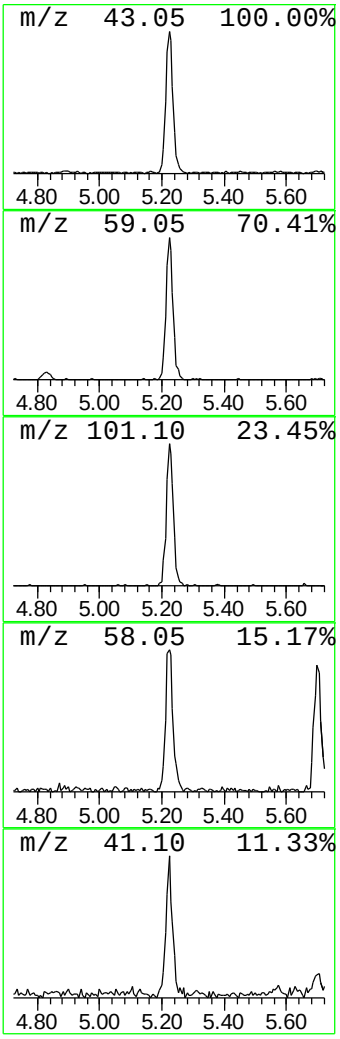
Peak Number 5 unknown5.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	9.93 ng	488313	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	23
5	Hexanamide	115	C6H13NO	000628-02-4	16





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Instrument : BNA_G
ClientSampleId : C5-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Integration Parameters: LSCINT.P

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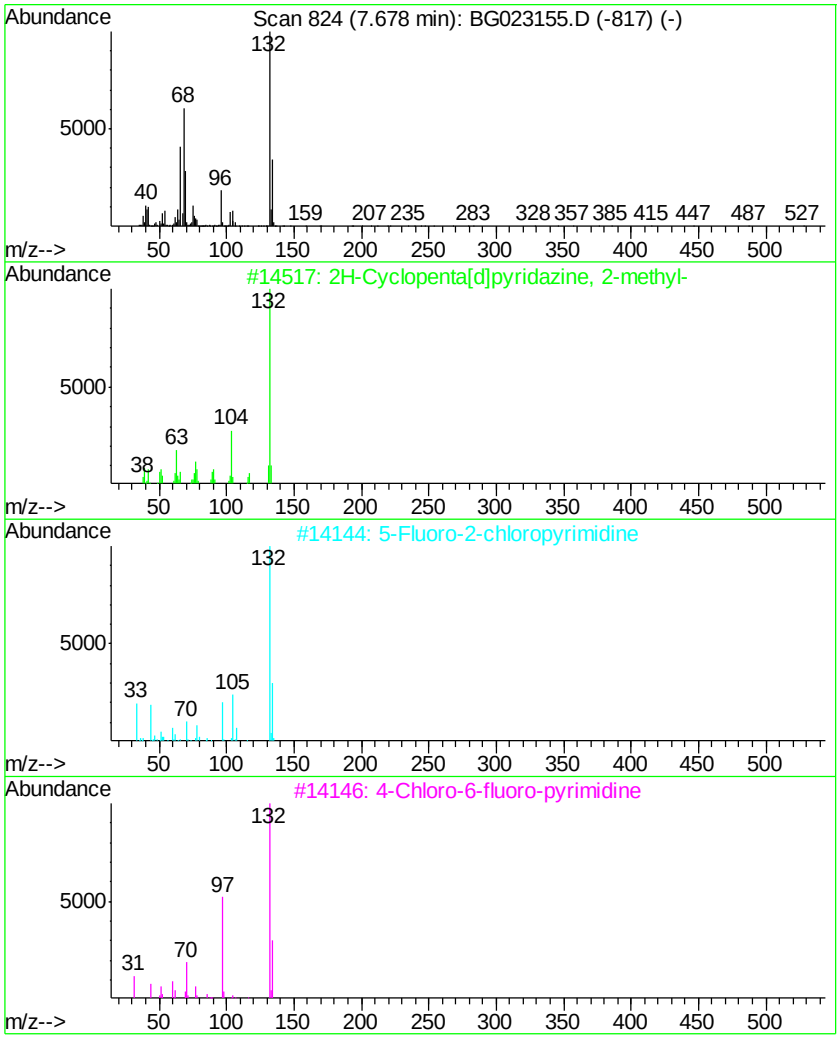
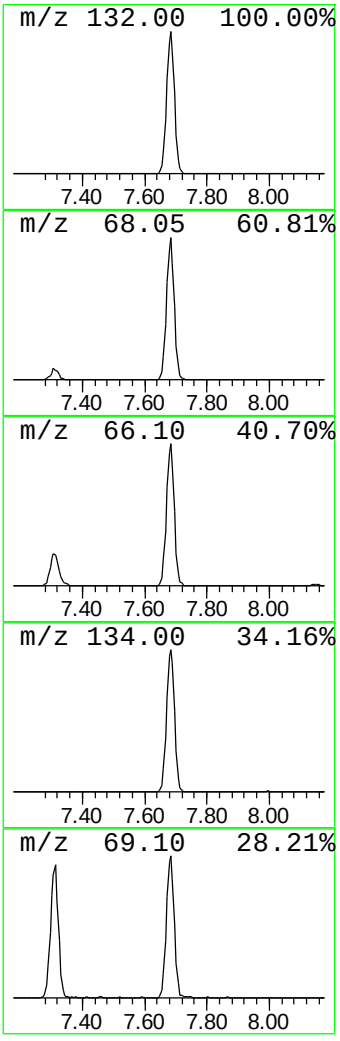
Peak Number 6 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	85.44 ng	4202270	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	18
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14





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Sample : H4017-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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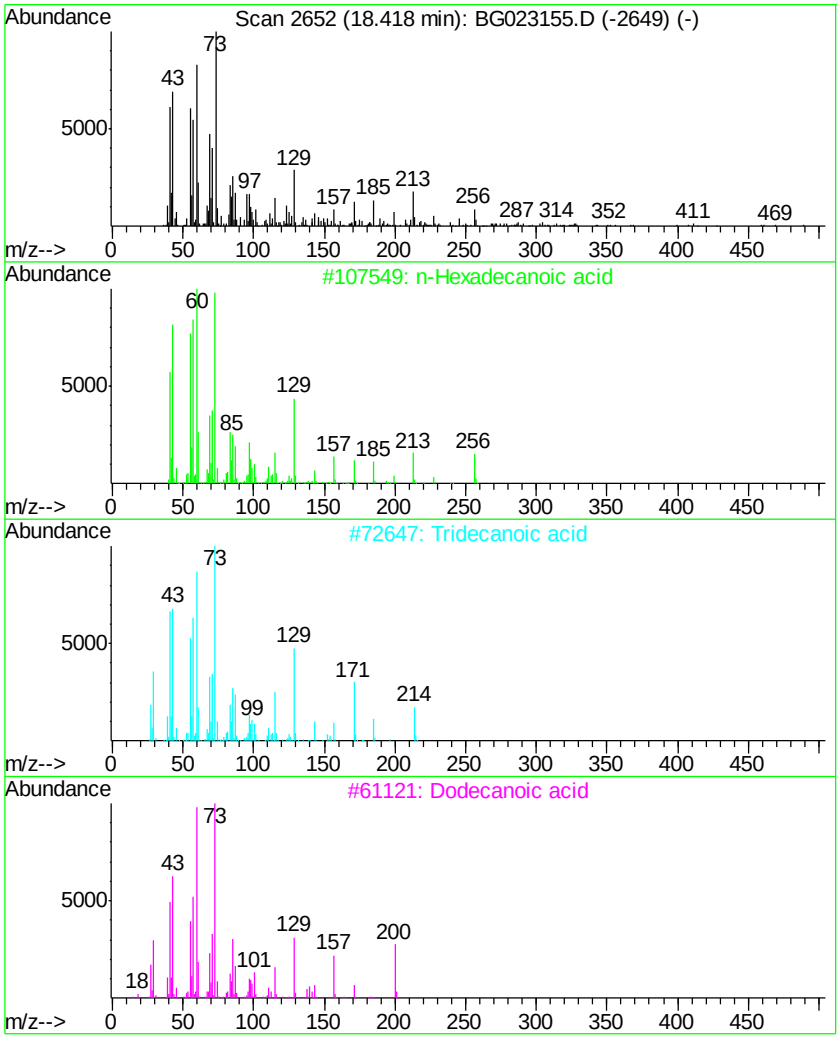
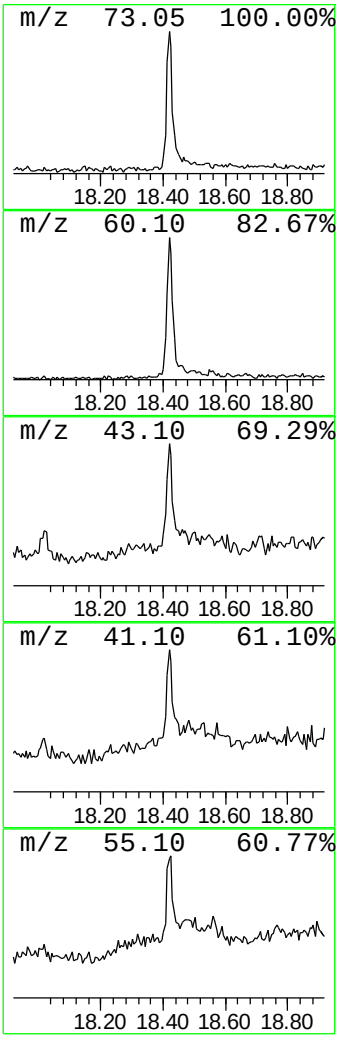
Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.14 ng	567866	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Dodecanoic acid	200	C12H24O2	000143-07-7	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Instrument : BNA_G
ClientSampleId : C5-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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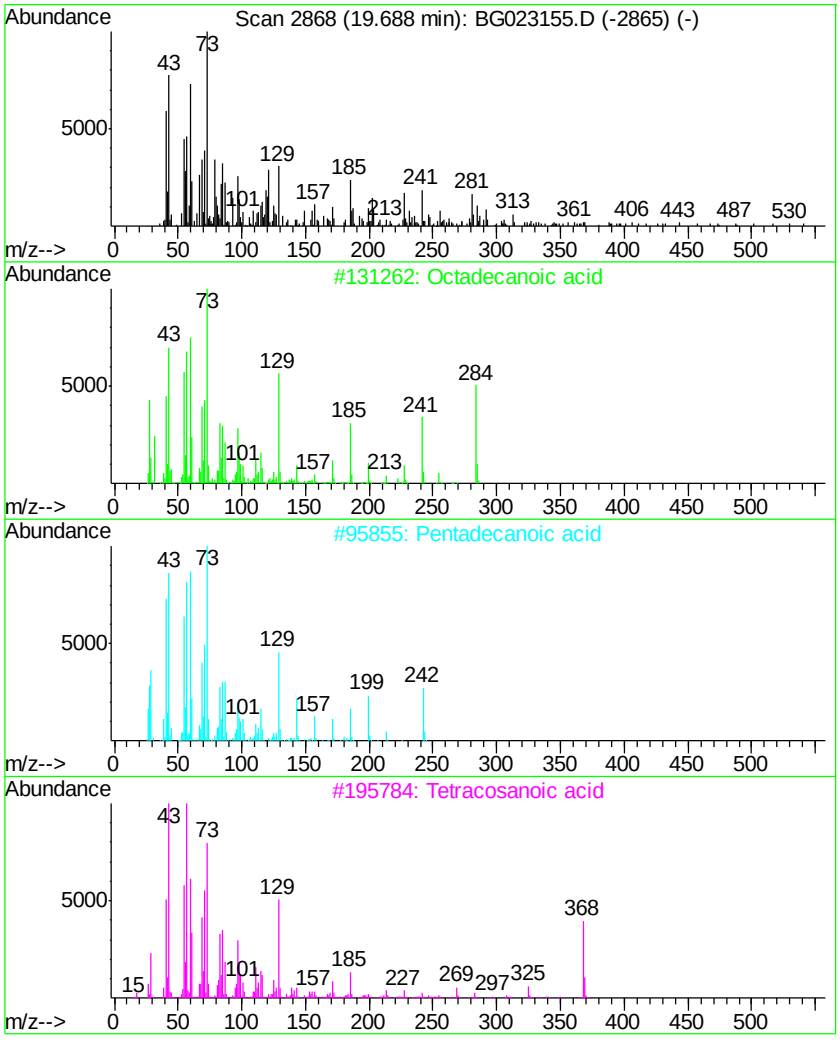
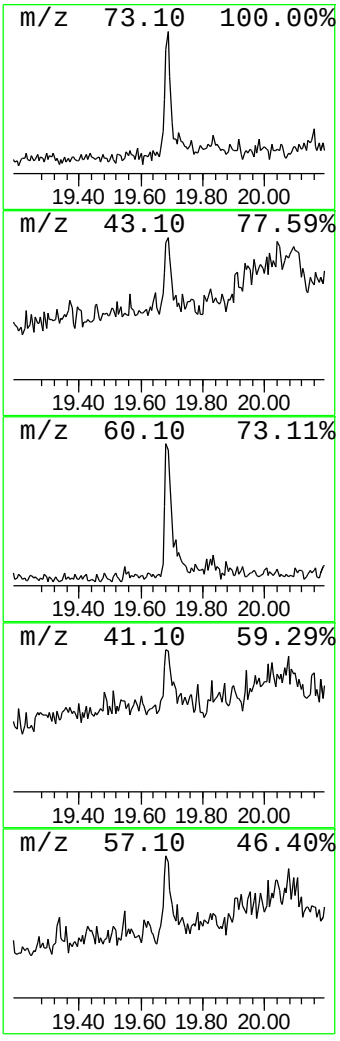
Peak Number 9 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.23 ng	246173	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	76
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tetracosanoic acid	368	C24H48O2	000557-59-5	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	53





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, met...	2.89	5.4	ng	265893	1	8.15	983712	20.0
Propane, 2,2-dime...	3.04	126.3	ng	6210670	1	8.15	983712	20.0
unknown5.22	5.22	9.9	ng	488313	1	8.15	983712	20.0
unknown7.68	7.68	85.4	ng	4202270	1	8.15	983712	20.0
n-Hexadecanoic acid	18.42	5.1	ng	567866	4	17.55	2209000	20.0
Octadecanoic acid	19.69	2.2	ng	246173	4	17.55	2209000	20.0