LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024114.D
Acq On : 24 Sep 2016 8:11
Operator : UM/SJ
Sample : H4893-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

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-BG092316.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	5.104	382	386	393	rVB2	71431	116477	2.17%	0.455%
2	5.586	463	468	485	rVB	510521	933567	17.43%	3.646%
3	7.213	739	745	758	rBV	341504	669288	12.49%	2.614%
4	7.572	799	806	820	rBV	1097238	1952311	36.44%	7.625%
5	8.036	879	885	894	rBV	195129	349033	6.52%	1.363%
6	8.365	933	941	950	rBV	942450	1641942	30.65%	6.413%
7	9.222	1079	1087	1099	rBV	888091	1674773	31.26%	6.541%
8	10.873	1361	1368	1381	rBV	283080	550766	10.28%	2.151%
9	12.124	1575	1581	1588	rVB2	36702	63206	1.18%	0.247%
10	13.229	1763	1769	1774	rBV3	41208	76838	1.43%	0.300%
11	13.329	1776	1786	1794	rBV	2426916	3762652	70.24%	14.696%
12	13.722	1849	1853	1860	rVB7	30909	53748	1.00%	0.210%
13	14.715	2014	2022	2033	rVB	516982	872151	16.28%	3.406%
14	14.809	2033	2038	2042	rBV8	26336	59239	1.11%	0.231%
15	16.095	2253	2257	2266	rVB8	34060	78003	1.46%	0.305%
16	16.219	2272	2278	2288	rBV	2245146	3458172	64.55%	13.507%
17	17.206	2441	2446	2450	rBV7	37039	69485	1.30%	0.271%
18	17.253	2452	2454	2459	rVB6	40488	57346	1.07%	0.224%
19	17.482	2487	2493	2501	rBV	650662	1001771	18.70%	3.913%
20	18.357	2638	2642	2648	rBV5	88871	143707	2.68%	0.561%
21	19.626	2854	2858	2866	rBV6	106486	166344	3.11%	0.650%
22	19.761	2877	2881	2885	rVB2	102158	120821	2.26%	0.472%
23	20.090	2931	2937	2944	rBV	4146248	5357022	100.00%	20.923%
24	20.807	3055	3059	3061	rBV	69071	75560	1.41%	0.295%
25	20.977	3085	3088	3093	rVB	91360	104045	1.94%	0.406%
26	21.788	3220	3226	3237	rVB	656311	1141239	21.30%	4.457%
27	25.124	3785	3794	3805	rVB2	347242	1054094	19.68%	4.117%

Sum of corrected areas: 25603600

LSC Report - Integrated Chromatogram

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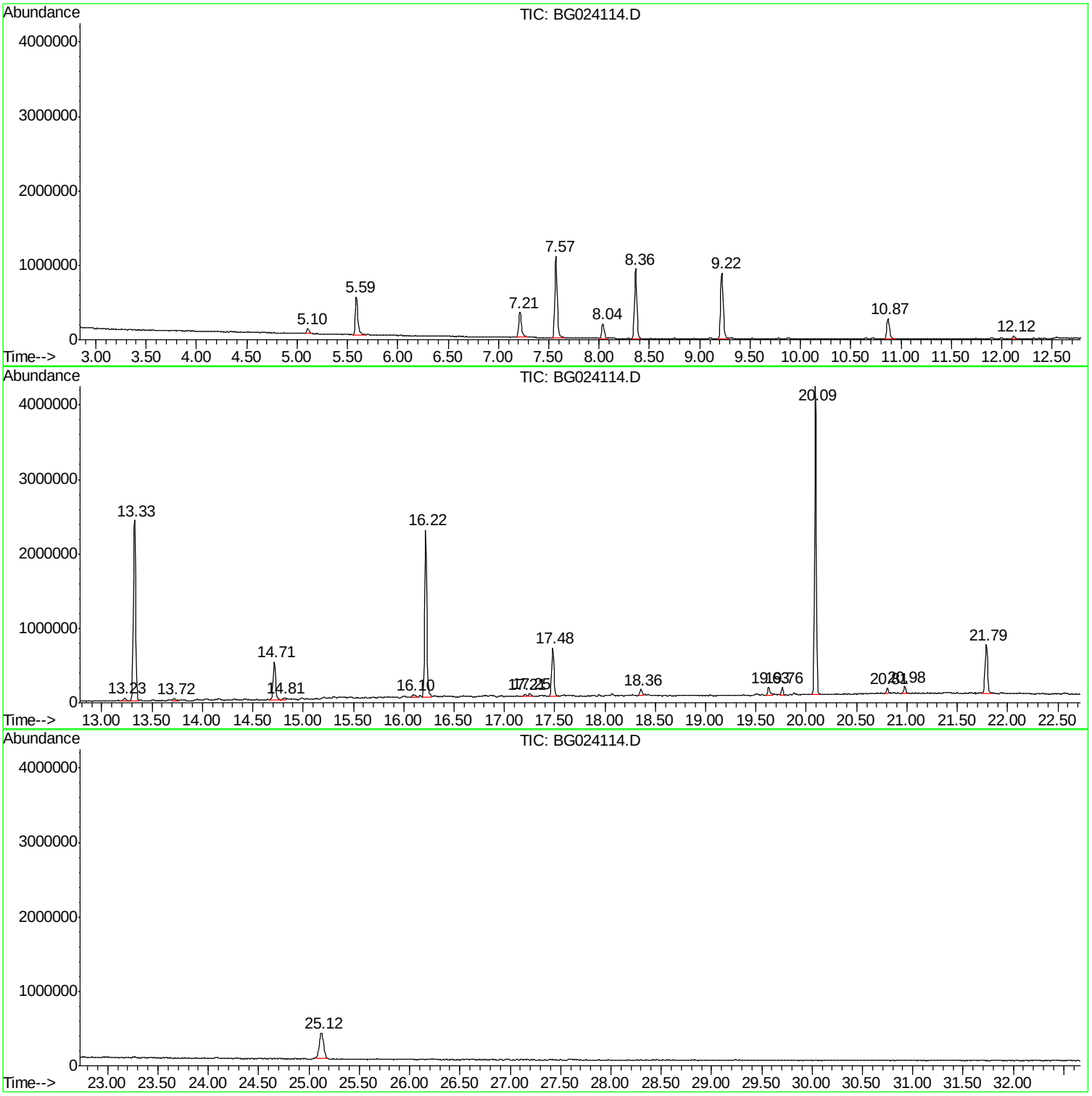
Instrument :
BNA_G
ClientSampleId :
PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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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Data File : BG024114.D
Acq On : 24 Sep 2016 8:11
Operator : UM/SJ
Sample : H4893-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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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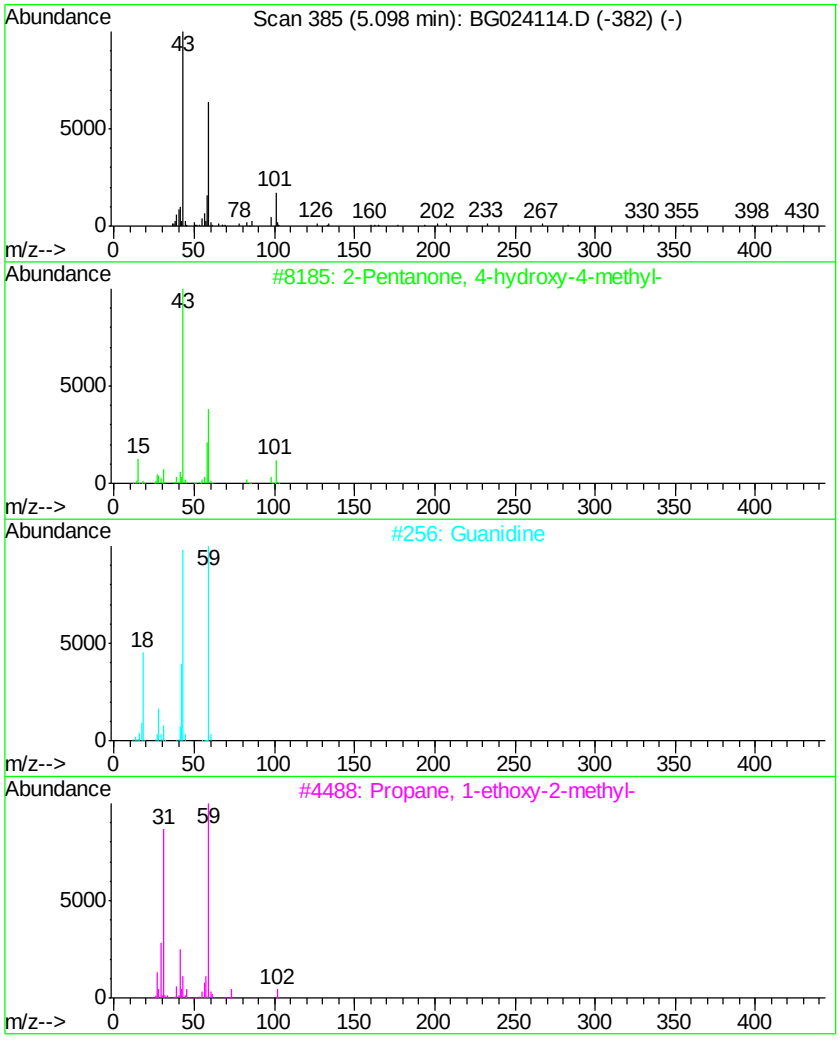
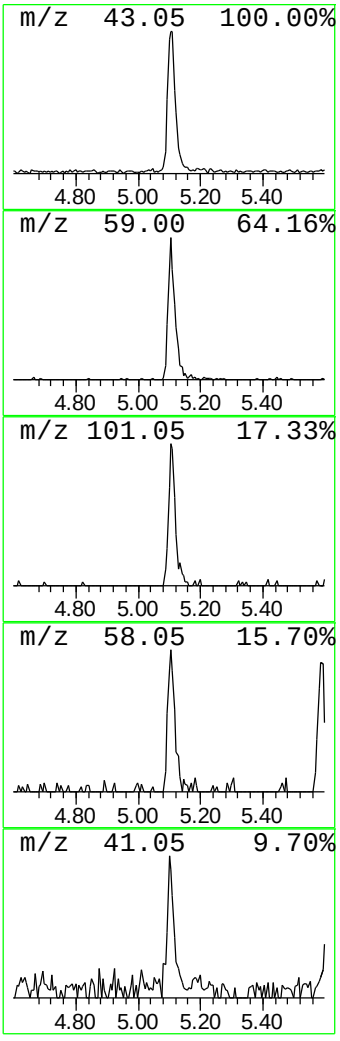
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	6.67 ng	116477	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	50
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	43
4	Dimethadione	129	C5H7NO3	000695-53-4	38
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024114.D
Acq On : 24 Sep 2016 8:11
Operator : UM/SJ
Sample : H4893-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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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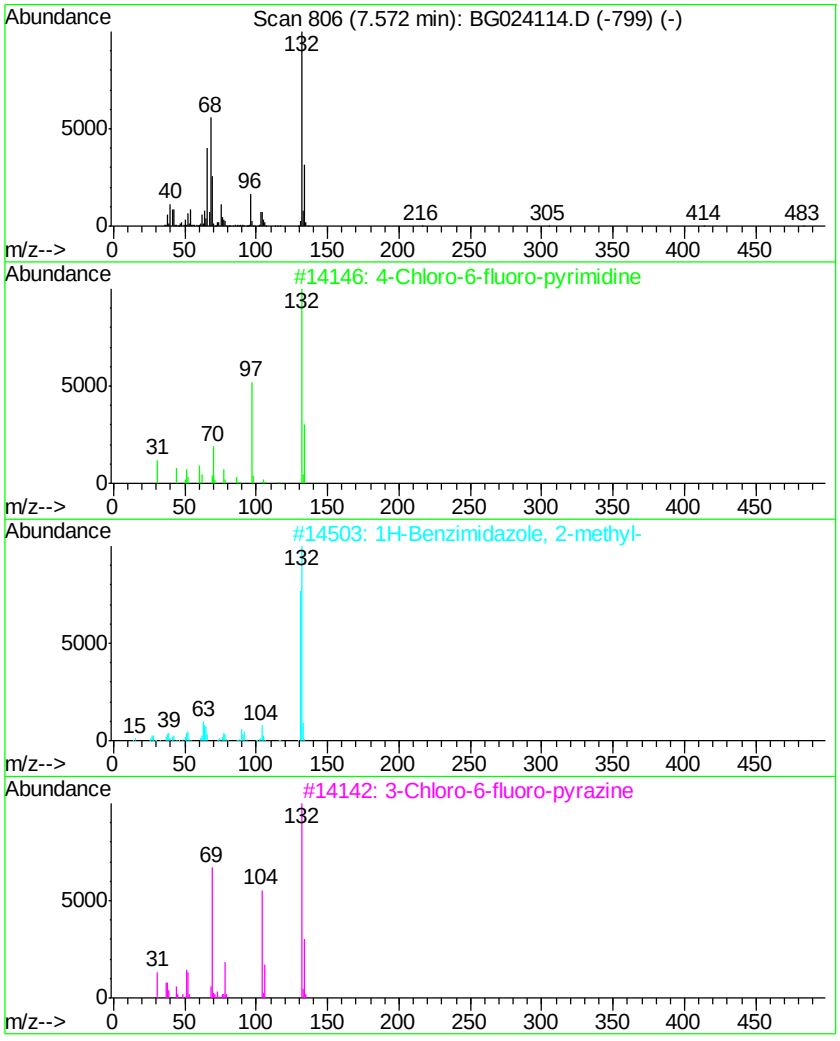
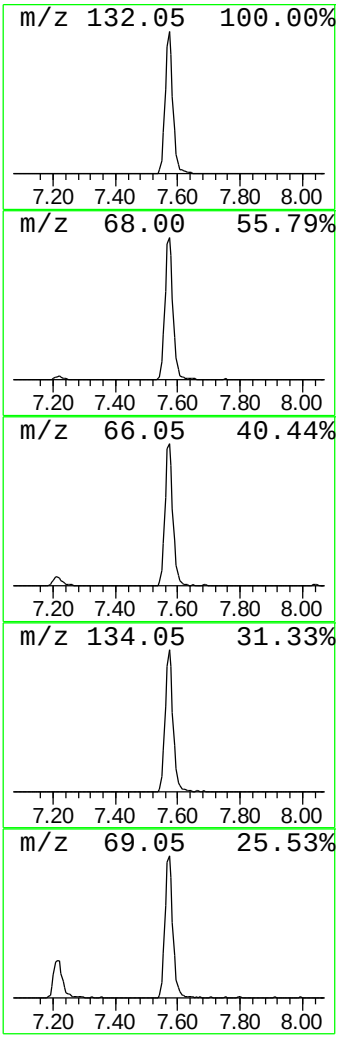
Peak Number 2 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	111.87 ng	1952310	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Data File : BG024114.D
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Sample : H4893-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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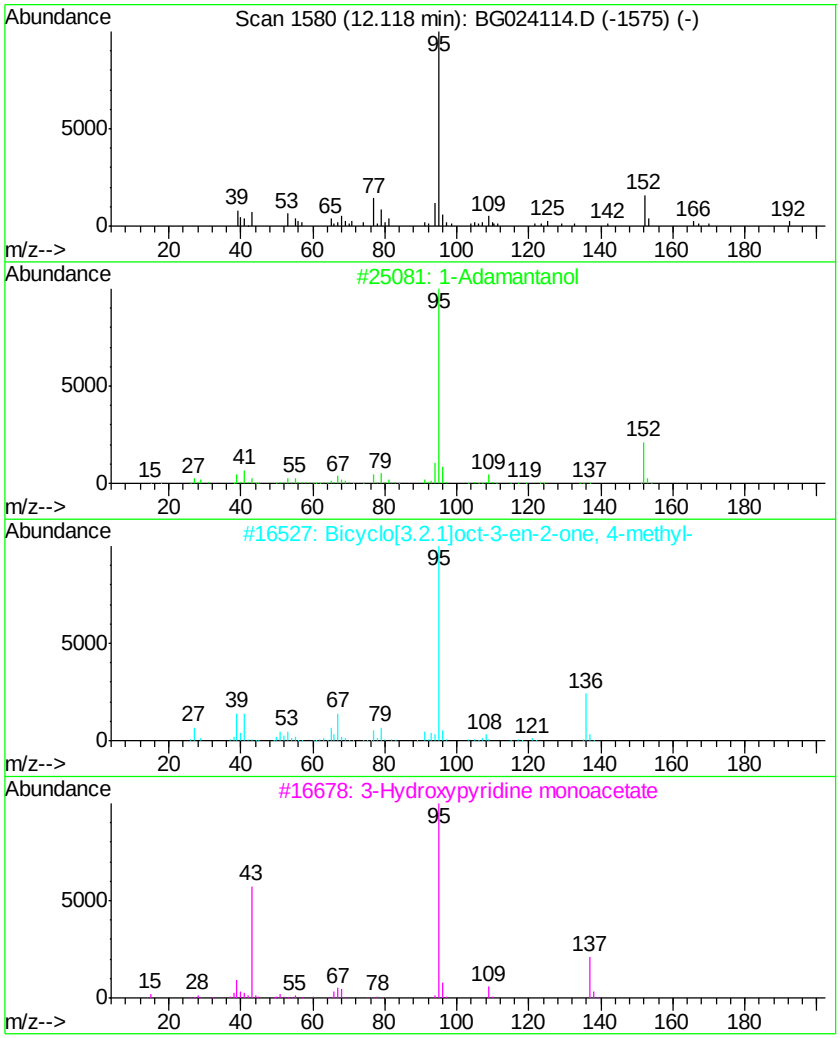
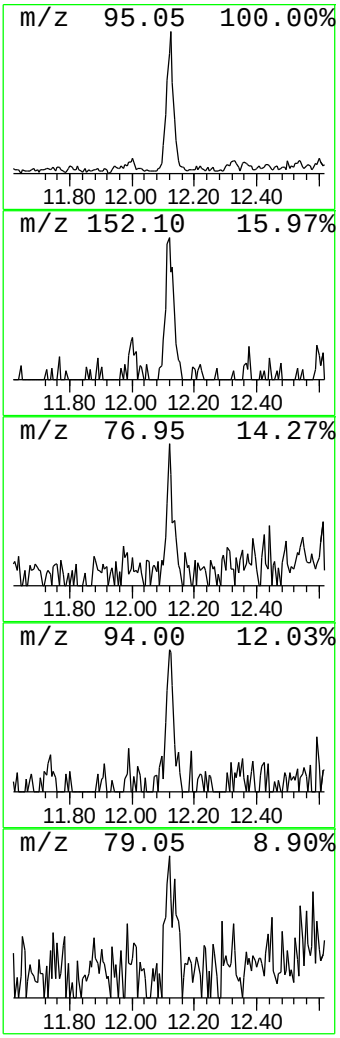
Peak Number 4 1-Adamantanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.30 ng	63206	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	78
2	Bicyclo[3.2.1]oct-3-en-2-one, 4-...	136	C9H12O	062702-89-0	53
3	3-Hydroxypyridine monoacetate	137	C7H7NO2	017747-43-2	53
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	50
5	2-Pyrimidinamine	95	C4H5N3	000109-12-6	42





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Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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TIC Integration Parameters: LSCINT.P

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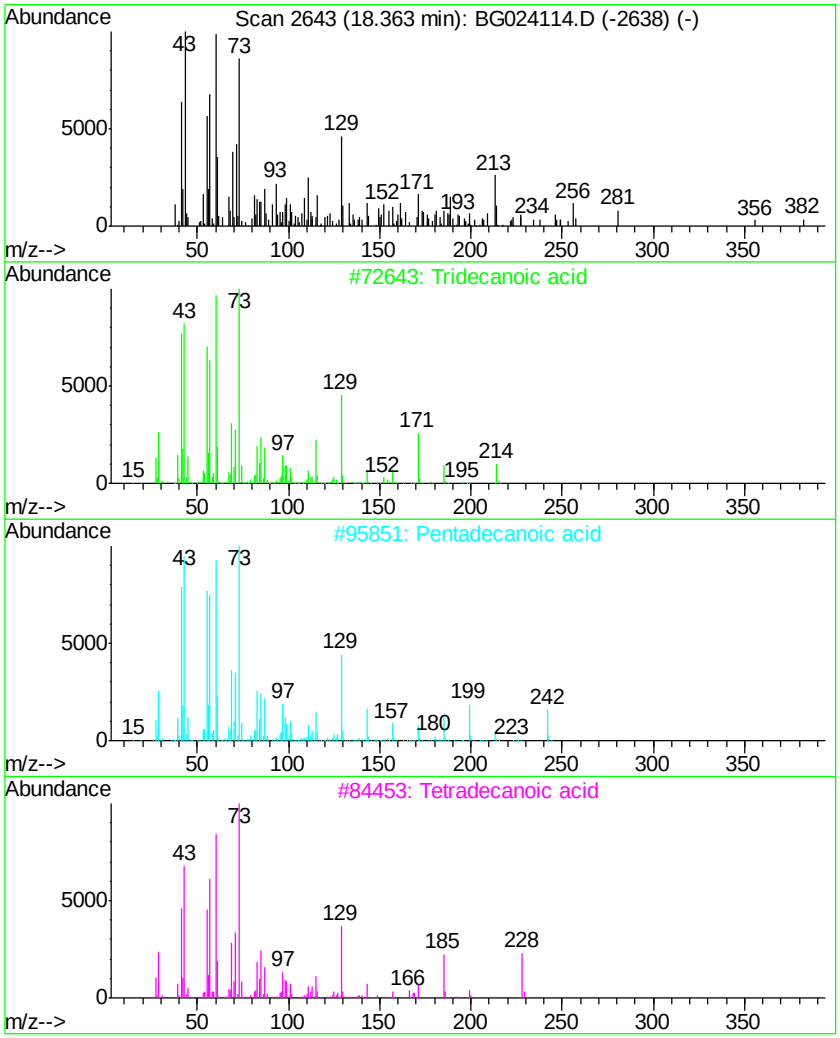
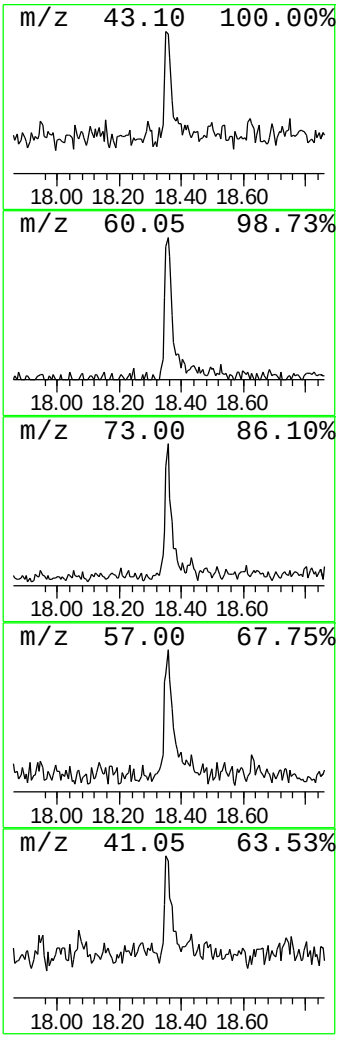
Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.87 ng	143707	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	81
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
5	Octadecanoic acid	284	C18H36O2	000057-11-4	59





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Operator : UM/SJ
Sample : H4893-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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TIC Library : C:\DATABASE\NIST11.L
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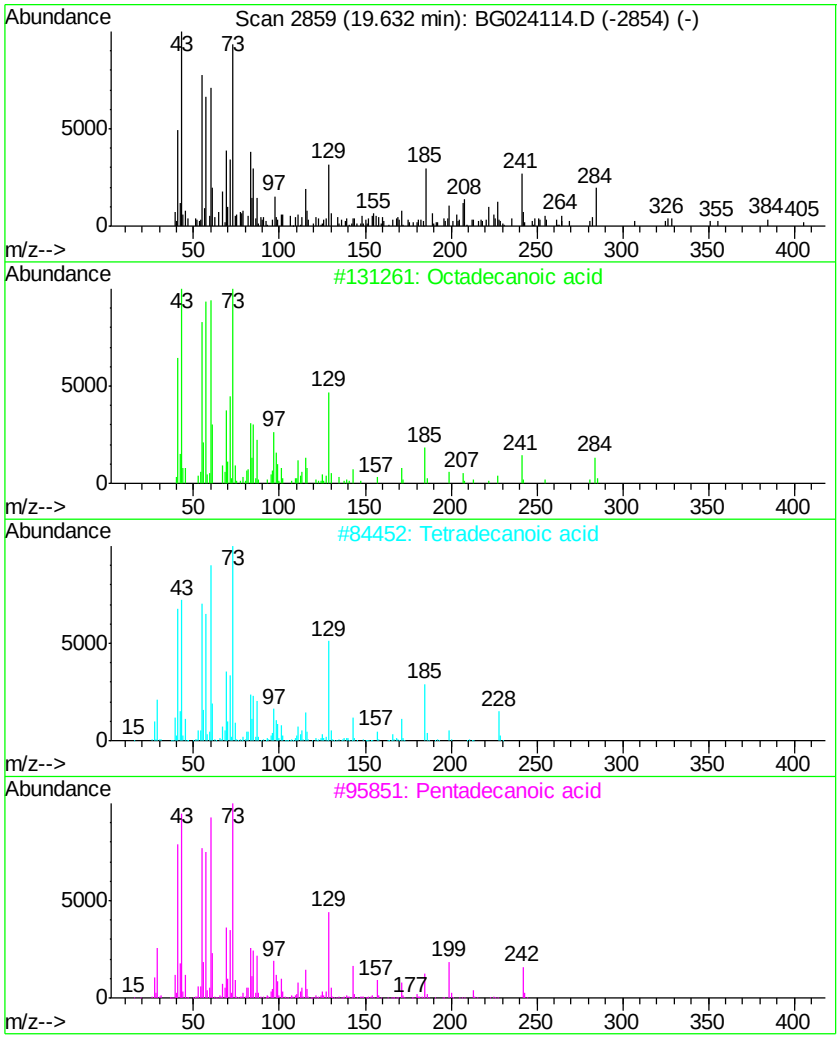
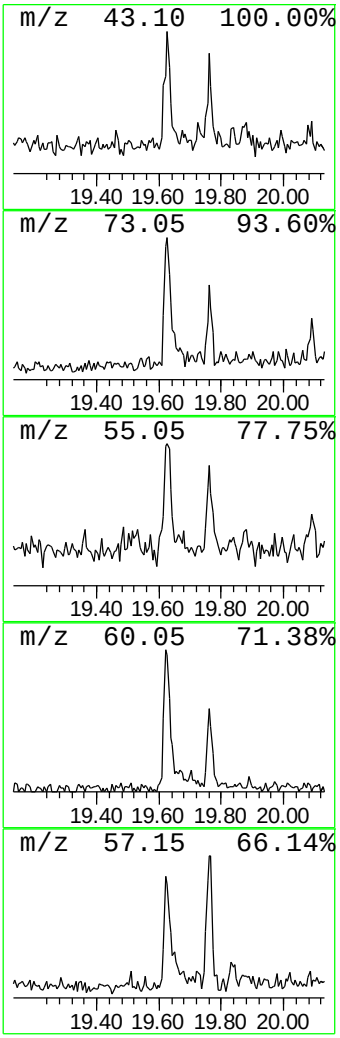
Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	3.32 ng	166344	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	47





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ClientSampleId : PZ-8

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TIC Library : C:\DATABASE\NIST11.L
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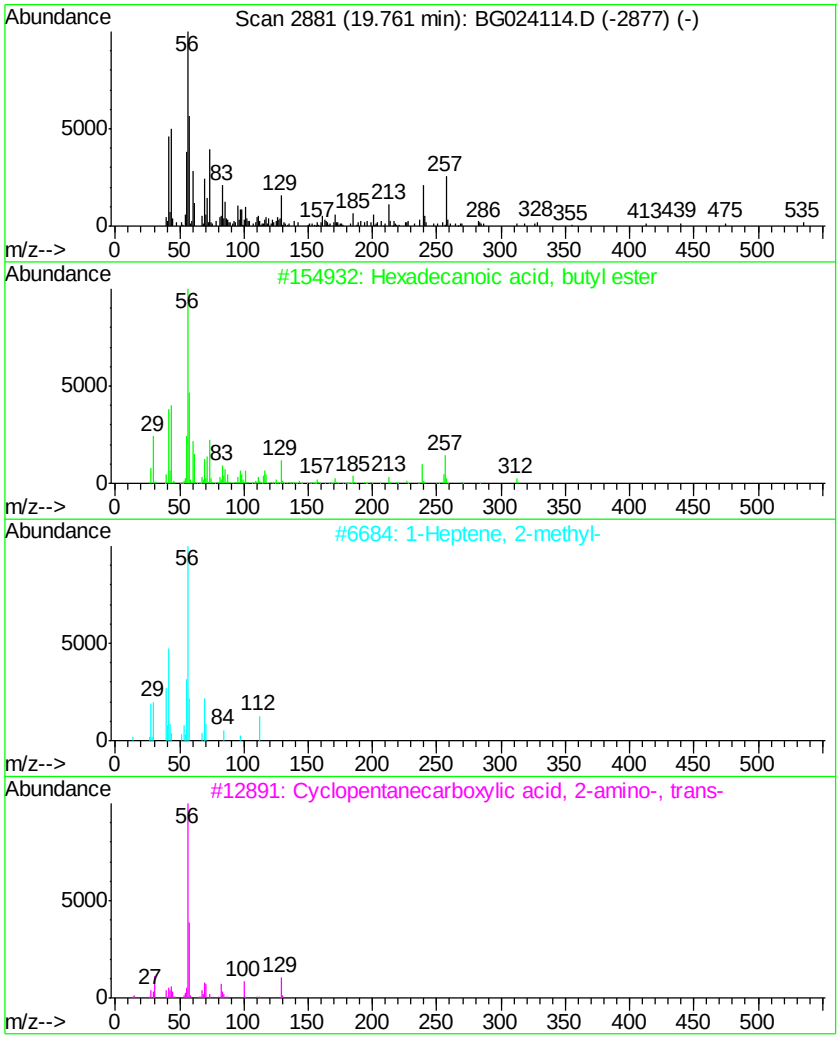
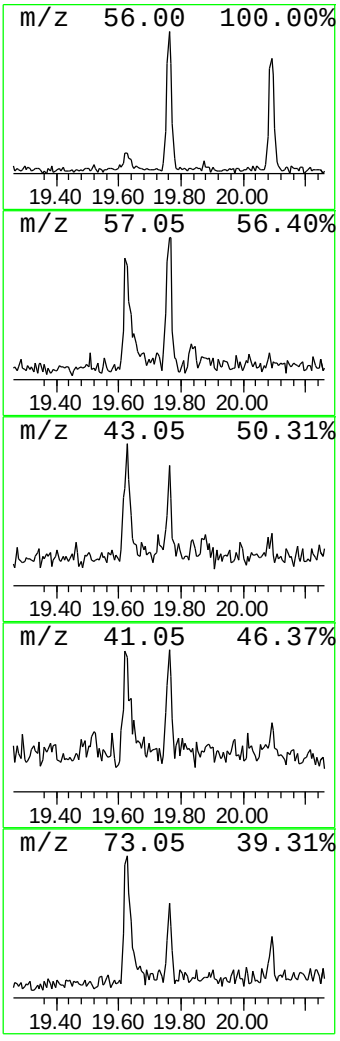
Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.12 ng	120821	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	59
2	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	43
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38
4	5-Methyl-2-hexanol, chlorodifluo...	228	C9H15ClF2O2	1000376-27-1	38
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	5.10	6.7	ng	116477	1	8.04	349033	20.0
unknown7.57	7.57	111.9	ng	1952310	1	8.04	349033	20.0
1-Adamantanol	12.12	2.3	ng	63206	2	10.87	550766	20.0
Tridecanoic acid	18.36	2.9	ng	143707	4	17.48	1001770	20.0
Octadecanoic acid	19.63	3.3	ng	166344	4	17.48	1001770	20.0
Hexadecanoic acid...	19.76	2.1	ng	120821	5	21.79	1141240	20.0