LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
Data File : BG024156.D
Acq On : 28 Sep 2016 22:04
Operator : UM/SJ
Sample : H5002-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-1

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	5.108	381	386	389	rBV2	57811	94055	1.79%	0.396%
2	5.589	463	468	481	rBV3	261920	515405	9.80%	2.170%
3	7.217	740	745	757	rVB	188186	364764	6.93%	1.536%
4	7.569	797	805	809	rBV2	648853	1306695	24.84%	5.502%
5	7.604	809	811	822	rVB	185951	293863	5.59%	1.237%
6	7.798	839	844	852	rBV	726221	1202542	22.86%	5.064%
7	8.033	877	884	893	rVB4	239455	471601	8.97%	1.986%
8	8.356	933	939	952	rVB	802899	1448607	27.54%	6.100%
9	9.220	1079	1086	1100	rBV	742655	1438876	27.35%	6.059%
10	10.870	1360	1367	1381	rVB	277171	545339	10.37%	2.296%
11	11.552	1478	1483	1491	rVB6	19332	53007	1.01%	0.223%
12	11.722	1501	1512	1520	rBV6	57965	188381	3.58%	0.793%
13	13.320	1777	1784	1795	rBV	2123144	3363592	63.94%	14.164%
14	13.579	1822	1828	1836	rBV2	47283	95666	1.82%	0.403%
15	14.160	1922	1927	1934	rVB	106599	159976	3.04%	0.674%
16	14.642	2004	2009	2014	rBV5	26046	52893	1.01%	0.223%
17	14.712	2014	2021	2032	rVV	526948	900853	17.13%	3.793%
18	15.488	2149	2153	2155	rBV	82111	111245	2.11%	0.468%
19	15.511	2155	2157	2165	rVB4	76725	124336	2.36%	0.524%
20	16.216	2269	2277	2289	rBV	1092638	1824949	34.69%	7.685%
21	16.398	2299	2308	2315	rBV3	37612	96968	1.84%	0.408%
22	17.197	2439	2444	2449	rBV5	36069	67114	1.28%	0.283%
23	17.479	2486	2492	2504	rVB2	696249	1100435	20.92%	4.634%
24	18.349	2635	2640	2648	rBV6	63349	123073	2.34%	0.518%
25	20.087	2930	2936	2950	rVB	4216840	5260420	100.00%	22.151%
26	21.785	3218	3225	3234	rVB	724600	1275586	24.25%	5.371%
27	25.116	3782	3792	3807	rVB2	414590	1267892	24.10%	5.339%

Sum of corrected areas: 23748133

LSC Report - Integrated Chromatogram

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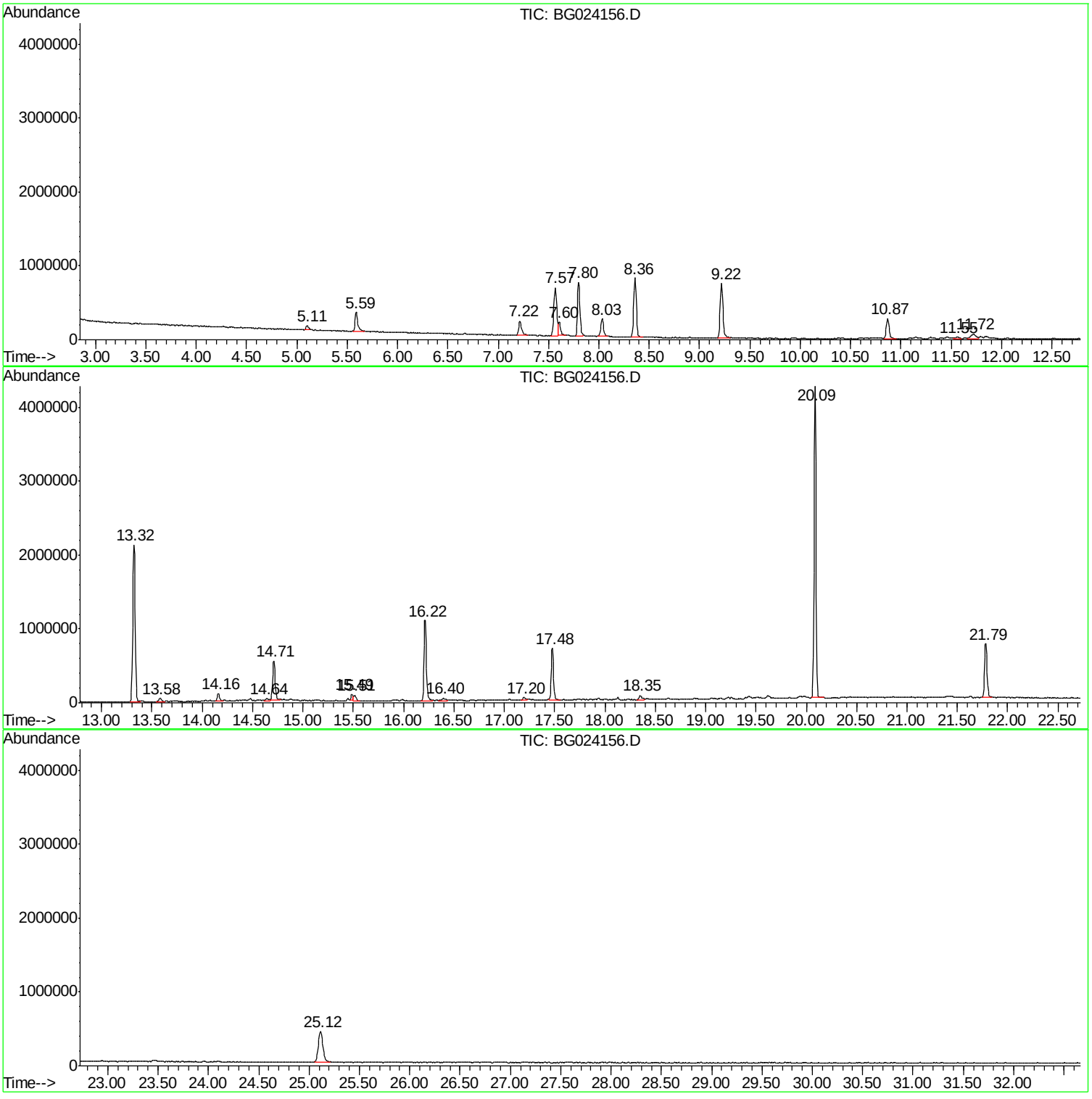
Operator : UM/SJ
Sample : H5002-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-1

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
Data File : BG024156.D
Acq On : 28 Sep 2016 22:04
Operator : UM/SJ
Sample : H5002-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-1

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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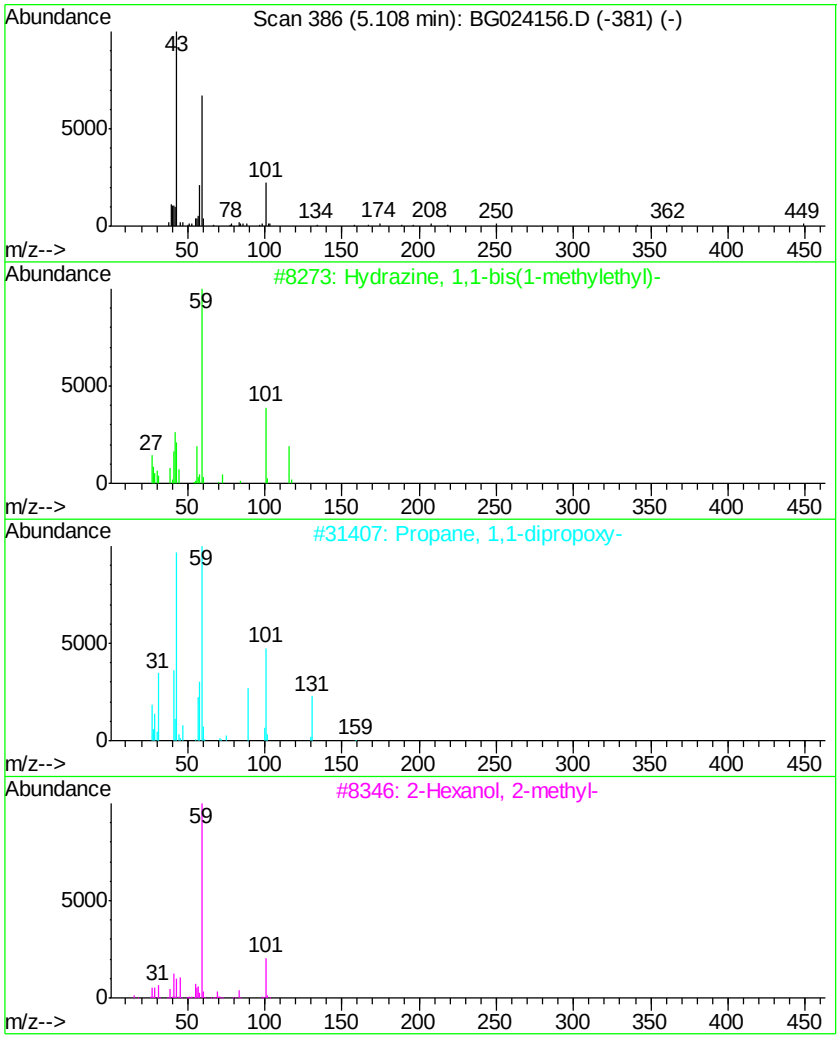
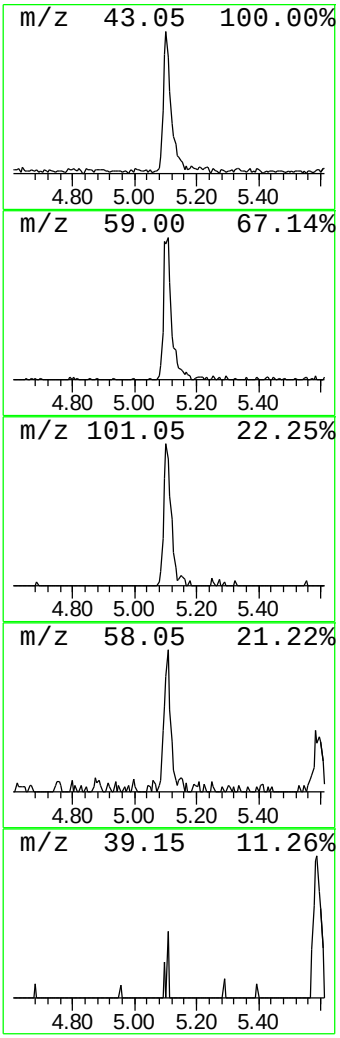
Peak Number 1 unknown5.11 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	3.99 ng	94055	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	25
5	3-Heptanol	116	C7H16O	000589-82-2	12





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Data File : BG024156.D
Acq On : 28 Sep 2016 22:04
Operator : UM/SJ
Sample : H5002-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-1

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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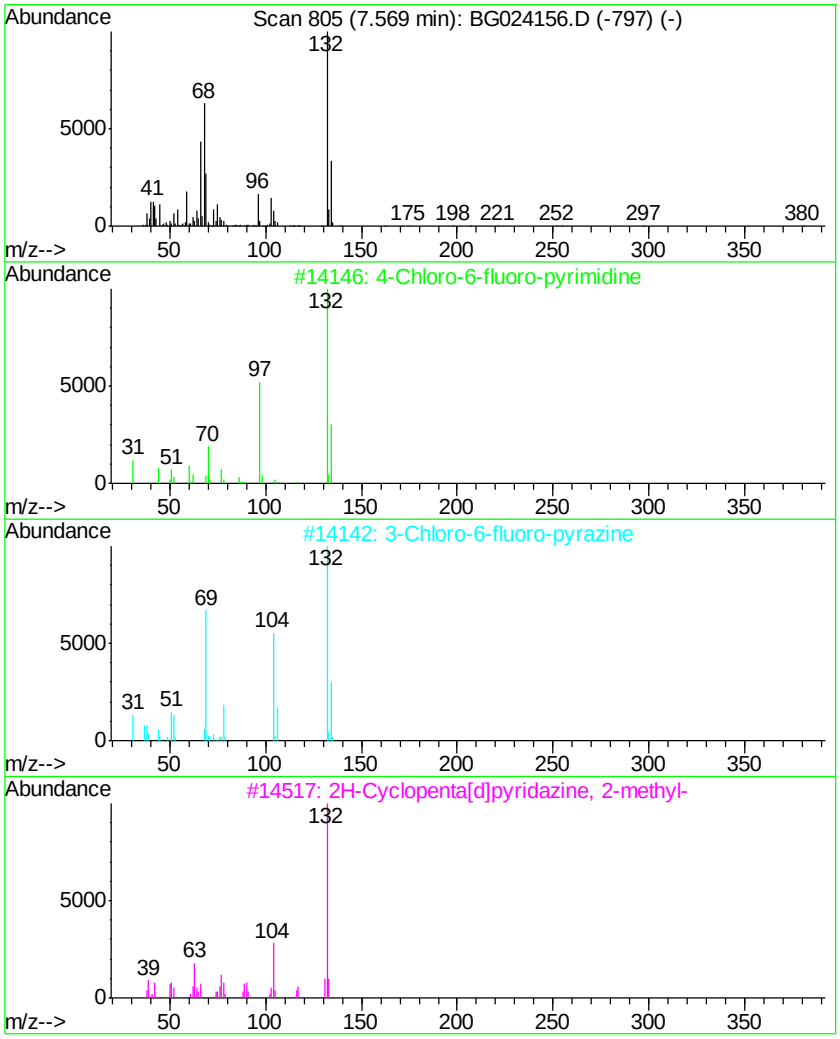
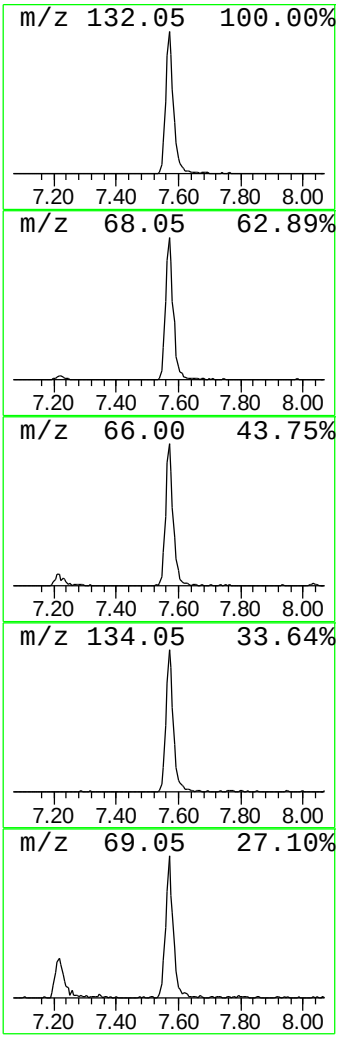
Peak Number 2 unknown7.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	55.42 ng	1306700	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	11
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
Data File : BG024156.D
Acq On : 28 Sep 2016 22:04
Operator : UM/SJ
Sample : H5002-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-1

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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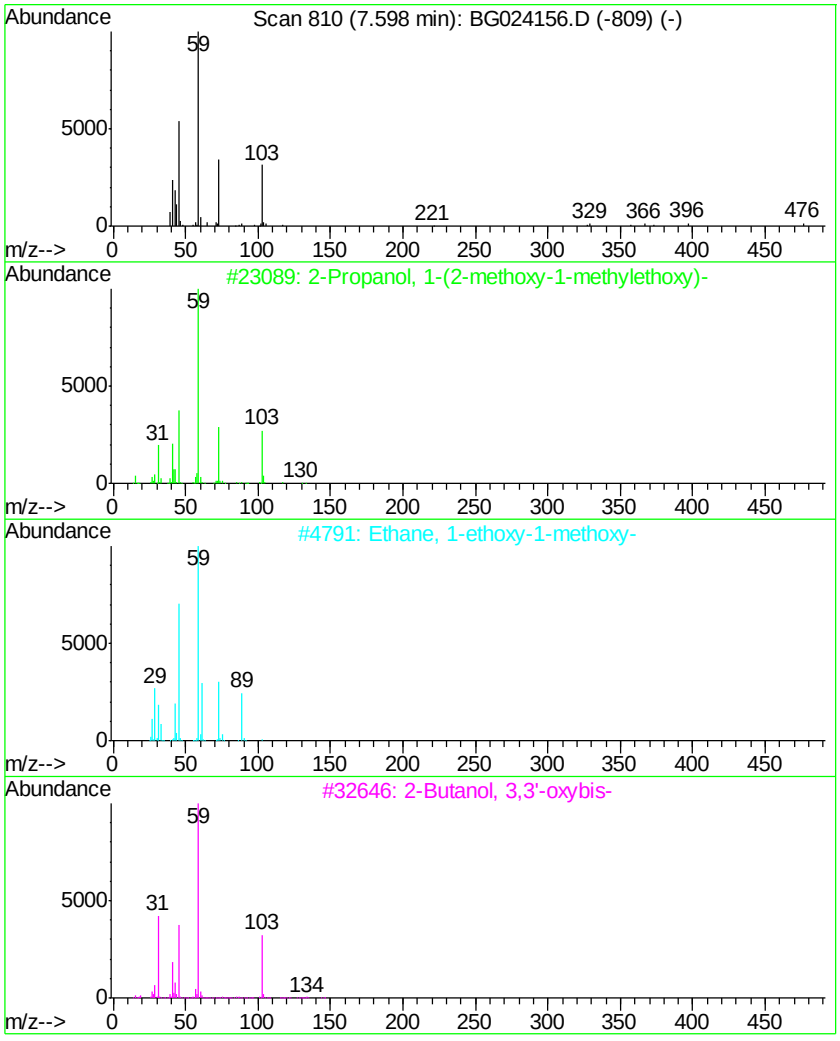
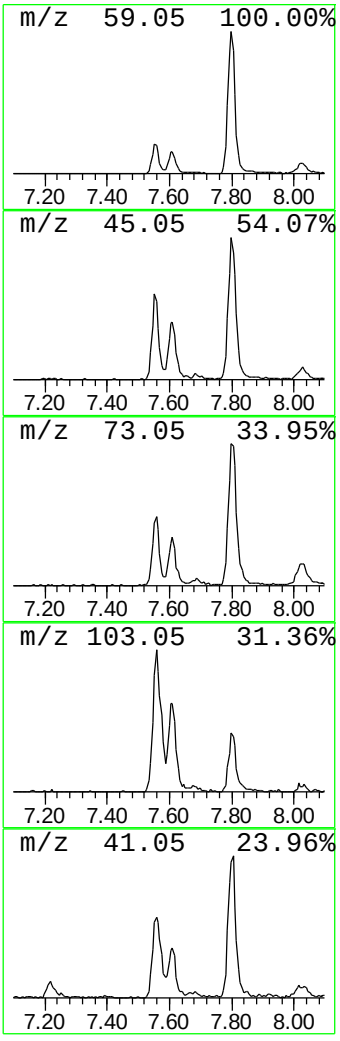
Peak Number 3 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	12.46 ng	293863	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	50
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	39
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	28





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
Data File : BG024156.D
Acq On : 28 Sep 2016 22:04
Operator : UM/SJ
Sample : H5002-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-1

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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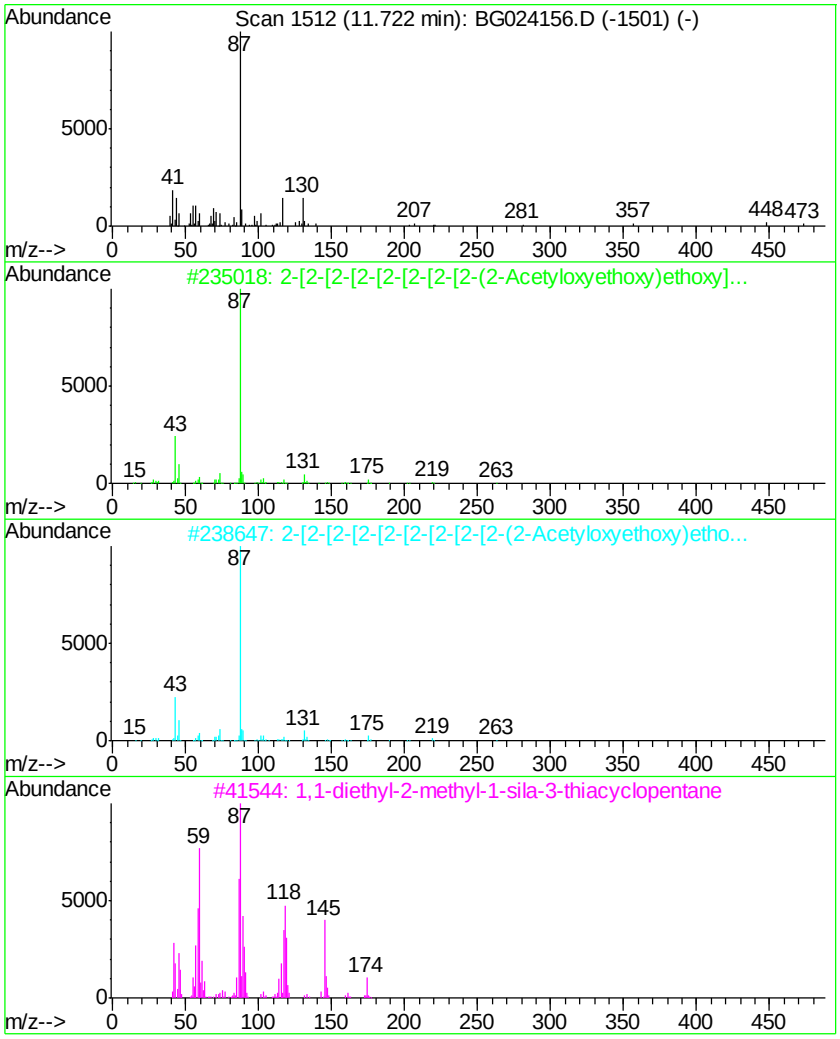
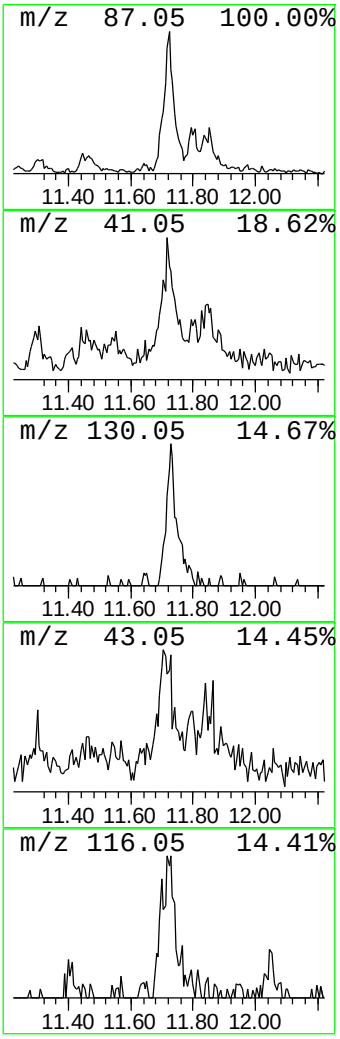
Peak Number 6 2-[2-[2-[2-[2-[2-[2-[2-(2-A... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	6.91 ng	188381	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-(2-Acetyl...	498	C22H42O12	1000351-90-5	53
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Ace...	542	C24H46O13	1000351-90-4	53
3	1,1-diethyl-2-methyl-1-sila-3-th...	174	C8H18SSi	059405-96-8	50
4	Thiophane, propyl-	130	C7H14S	001551-34-4	45
5	Trimethylsilyl 23-acetoxy-3,6,9,...	498	C21H42O11Si	1000366-84-4	45





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Operator : UM/SJ
Sample : H5002-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-1

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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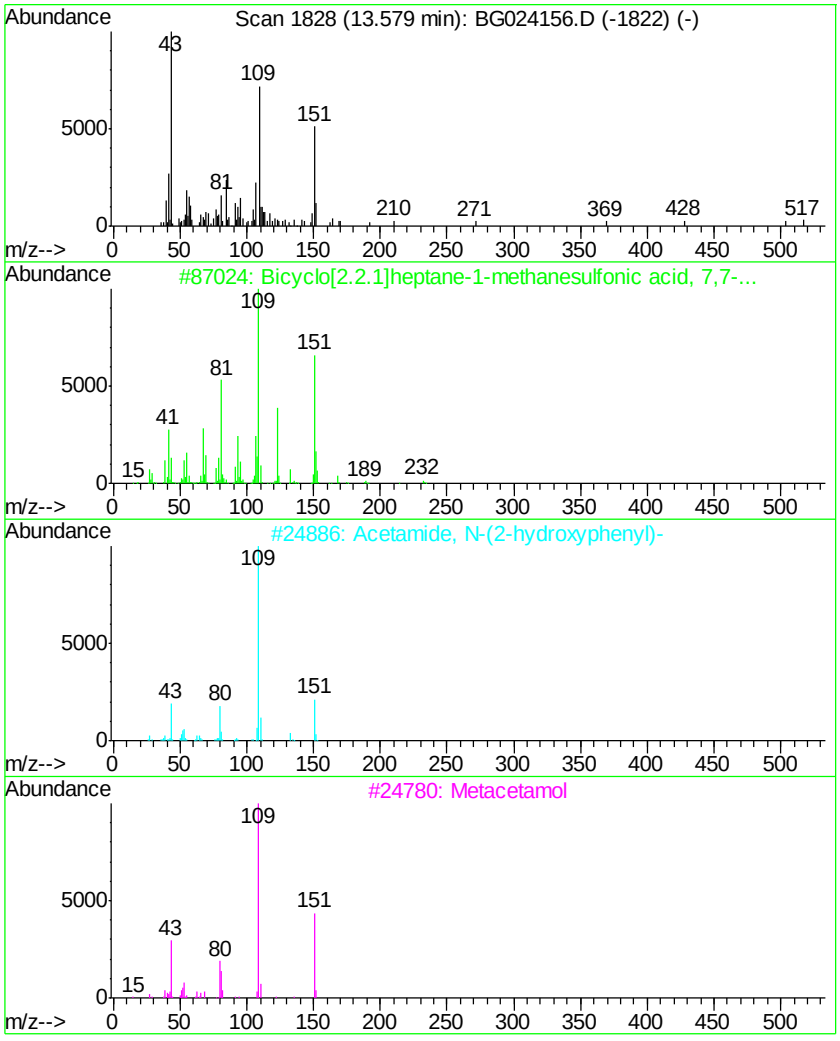
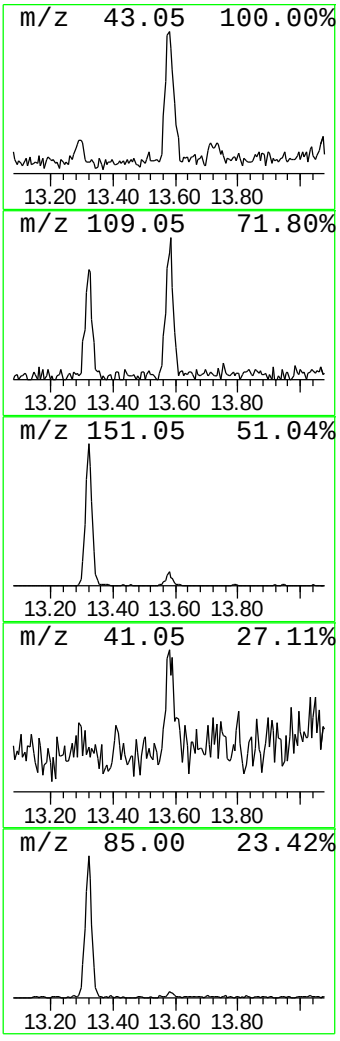
Peak Number 7 Bicyclo[2.2.1]heptane-1-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	2.12 ng	95666	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	50
2	Acetamide, N-(2-hydroxyphenyl)-	151	C8H9NO2	000614-80-2	49
3	Metacetamol	151	C8H9NO2	000621-42-1	47
4	Trimethyl phosphonoacetate	182	C5H11O5P	005927-18-4	38
5	Allyltrivinylsilane	150	C9H14Si	115946-69-5	27





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Instrument : BNA_G
ClientSampleId : SS-1

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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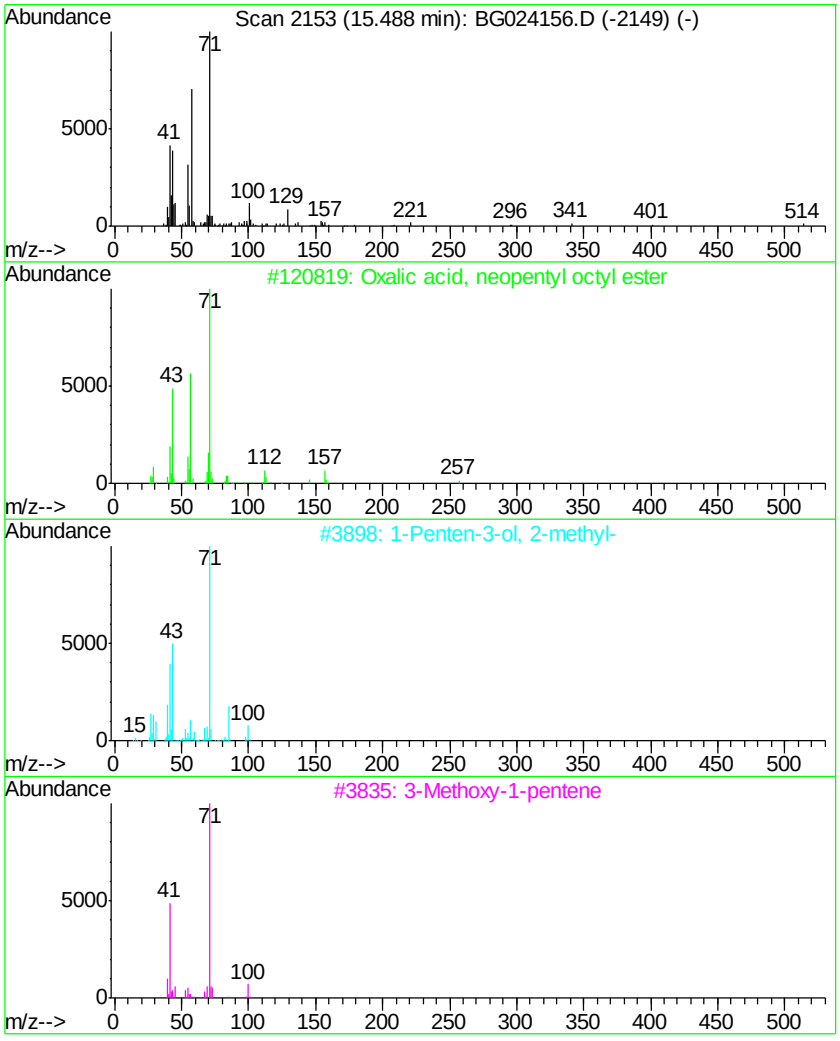
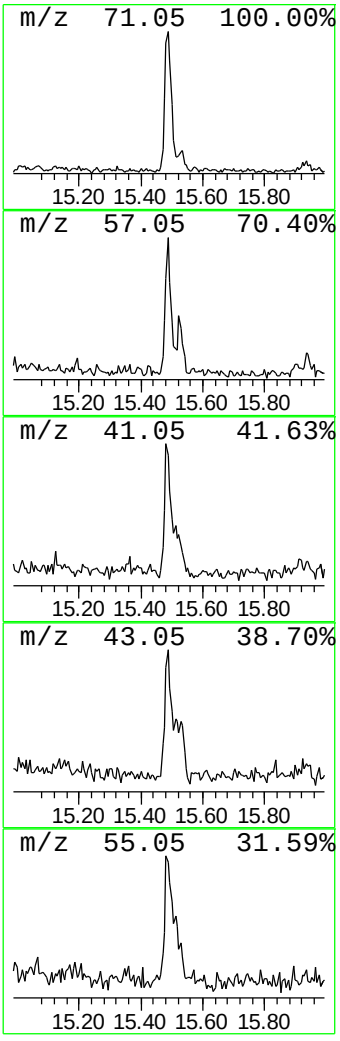
Peak Number 8 Oxalic acid, neopentyl octy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.47 ng	111245	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, neopentyl octyl ester	272	C15H28O4	1000309-73-2	64
2	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	64
3	3-Methoxy-1-pentene	100	C6H12O	014092-18-3	64
4	Oxirane, 2,2'-[1,4-butanediylbis...	202	C10H18O4	002425-79-8	64
5	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	59





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Instrument : BNA_G
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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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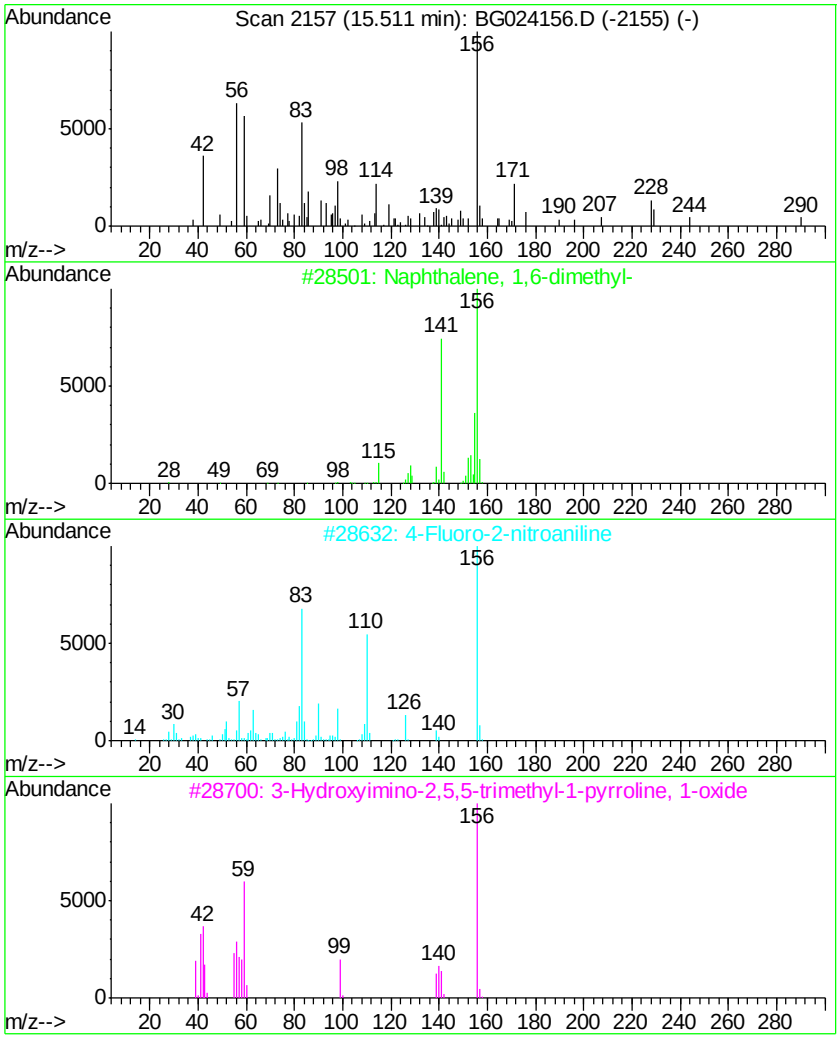
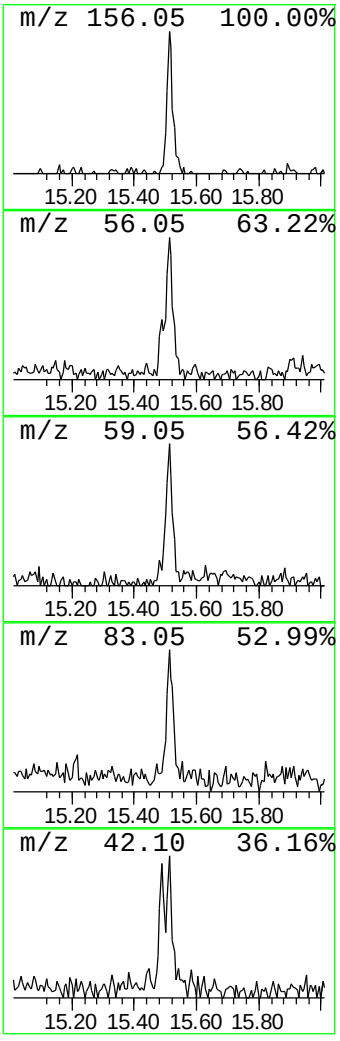
Peak Number 9 unknown15.51 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	2.76 ng	124336	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	32
2	4-Fluoro-2-nitroaniline	156	C6H5FN2O2	000364-78-3	27
3	3-Hydroxyimino-2,5,5-trimethyl-1...	156	C7H12N2O2	1000305-90-1	25
4	5,6-Diamino-2-methyl-4(1H)-pyrim...	156	C5H8N4S	061595-49-1	22
5	Benzenamine, 4-fluoro-3-nitro-	156	C6H5FN2O2	000364-76-1	16





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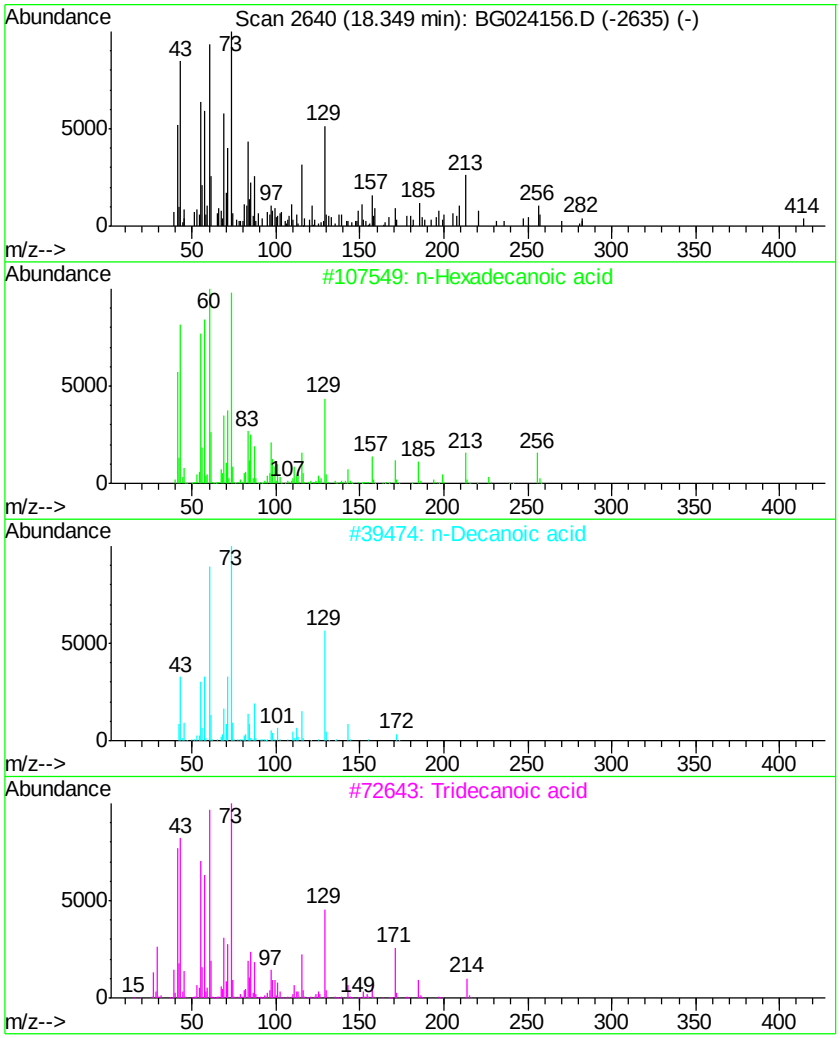
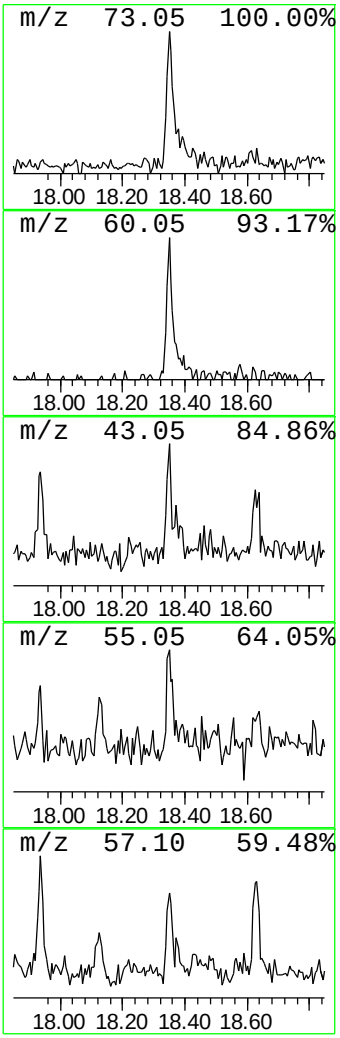
Peak Number 10 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.24 ng	123073	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pyrrole-2-carboxylic acid, 4-(1-...	339	C19H30ClNO2	1000295-53-6	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092816\
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Operator : UM/SJ
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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
unknown5.11	5.11	4.0	ng	94055	1	8.03	471601	20.0
unknown7.57	7.57	55.4	ng	1306700	1	8.03	471601	20.0
2-Propanol, 1-(2-...	7.60	12.5	ng	293863	1	8.03	471601	20.0
2-[2-[2-[2-[2-[2-...	11.72	6.9	ng	188381	2	10.87	545339	20.0
Bicyclo[2.2.1]hep...	13.58	2.1	ng	95666	3	14.71	900853	20.0
Oxalic acid, neop...	15.49	2.5	ng	111245	3	14.71	900853	20.0
unknown15.51	15.51	2.8	ng	124336	3	14.71	900853	20.0
n-Hexadecanoic acid	18.35	2.2	ng	123073	4	17.48	1100440	20.0