LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023136.D
Acq On : 16 Jul 2016 7:37
Operator : UM/SJ
Sample : H4017-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-12

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	3.037	29	34	49	rBV	3450226	4932053	65.01%	10.337%
2	5.217	400	405	414	rVB	219829	354640	4.67%	0.743%
3	5.693	479	486	497	rVB	1538085	2511487	33.11%	5.264%
4	7.303	752	760	772	rBV	1802182	3199450	42.17%	6.706%
5	7.679	816	824	833	rBV	1639365	2863314	37.74%	6.001%
6	8.149	896	904	915	rBV	390152	670475	8.84%	1.405%
7	8.478	951	960	968	rVB	1148040	2002038	26.39%	4.196%
8	9.324	1097	1104	1112	rBV	1100574	2037003	26.85%	4.269%
9	10.981	1378	1386	1393	rBV	578655	1064995	14.04%	2.232%
10	13.419	1793	1801	1811	rBV	3172511	5112484	67.39%	10.716%
11	14.236	1934	1940	1948	rBV	780840	1194907	15.75%	2.504%
12	14.800	2029	2036	2046	rBV2	1098255	1786710	23.55%	3.745%
13	16.292	2283	2290	2300	rBV	2829532	4480120	59.06%	9.390%
14	16.480	2318	2322	2331	rVB5	64106	123572	1.63%	0.259%
15	17.273	2453	2457	2461	rBV	57942	78662	1.04%	0.165%
16	17.550	2495	2504	2511	rBV2	1417391	2238224	29.50%	4.691%
17	17.926	2563	2568	2573	rBV7	37424	89220	1.18%	0.187%
18	18.413	2647	2651	2660	rBV2	117793	200682	2.65%	0.421%
19	19.682	2863	2867	2873	rBV6	55797	84000	1.11%	0.176%
20	20.152	2941	2947	2953	rBV	5835023	7586246	100.00%	15.901%
21	21.480	3166	3173	3181	rBV10	78938	270937	3.57%	0.568%
22	21.856	3230	3237	3244	rBV2	1457907	2529853	33.35%	5.302%
23	25.223	3799	3810	3826	rBV2	707660	2299631	30.31%	4.820%

Sum of corrected areas: 47710703

LSC Report - Integrated Chromatogram

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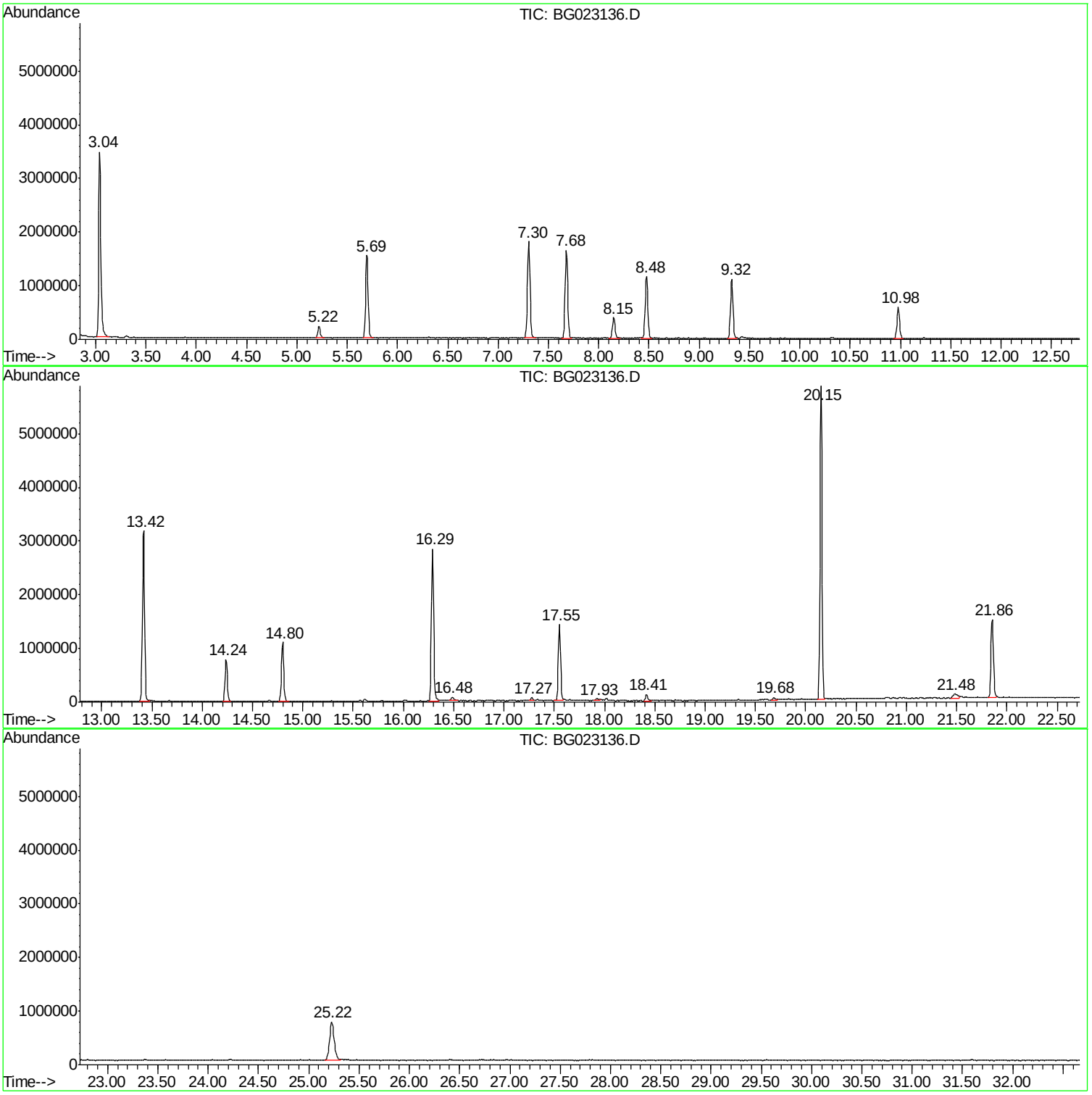
Instrument : BNA_G
ClientSampleId : C5-12

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\BG071516\
Data File : BG023136.D
Acq On : 16 Jul 2016 7:37
Operator : UM/SJ
Sample : H4017-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-12

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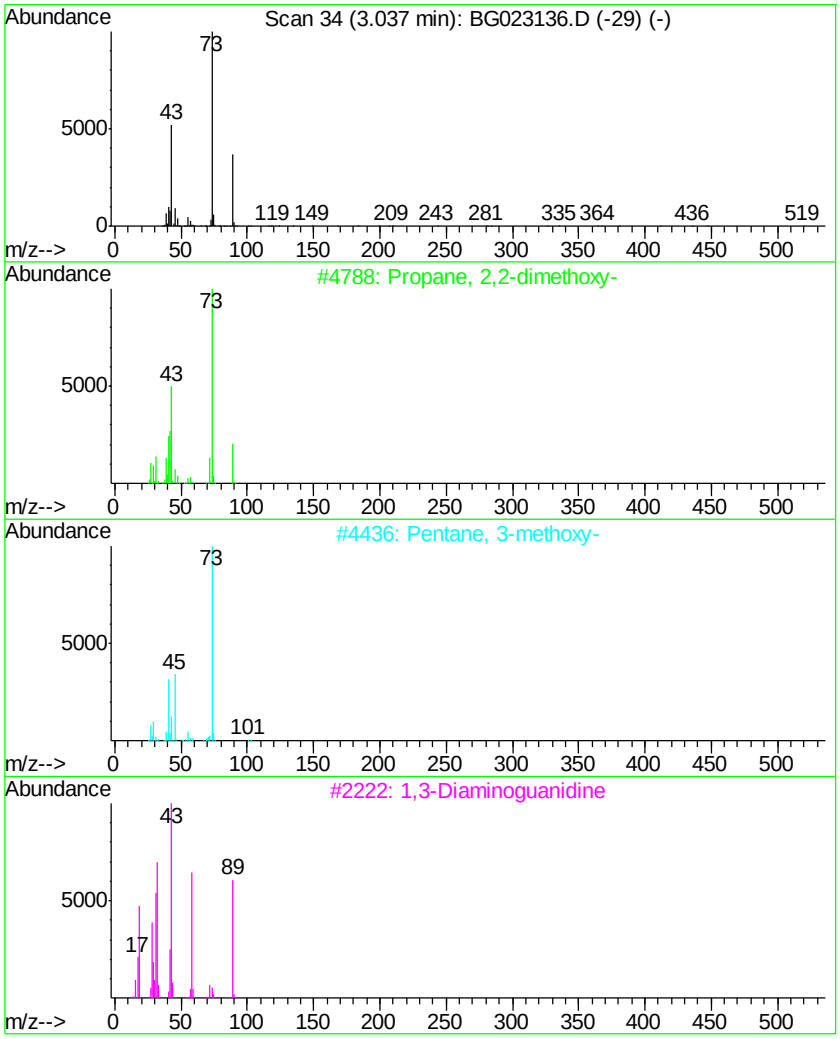
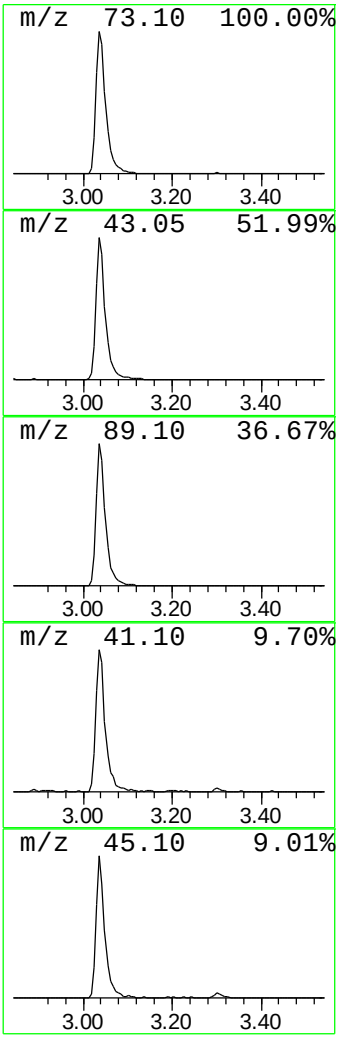
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	147.12 ng	4932050	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	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





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Sample : H4017-05
Misc :
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Instrument : BNA_G
ClientSampleId : C5-12

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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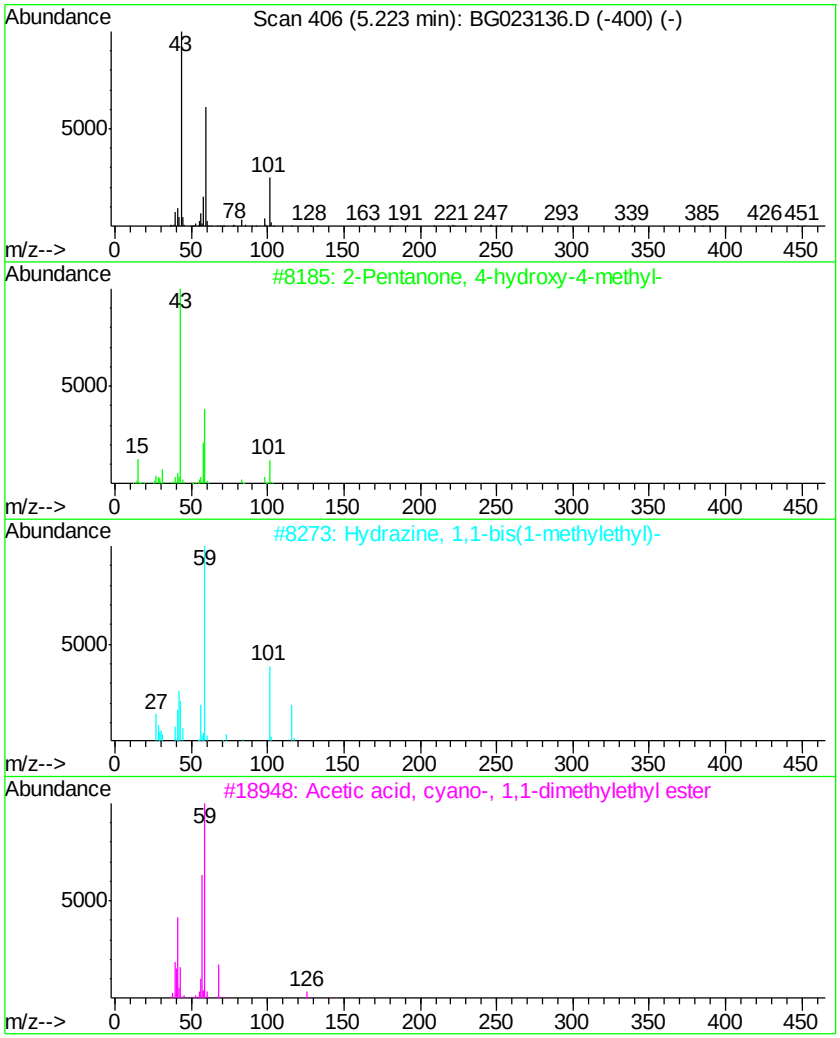
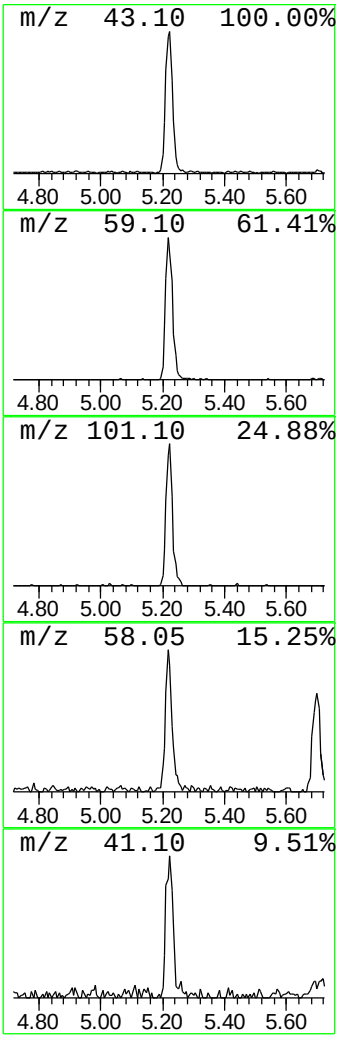
Peak Number 2 unknown5.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	10.58 ng	354640	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	38
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	16
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
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Acq On : 16 Jul 2016 7:37
Operator : UM/SJ
Sample : H4017-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-12

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
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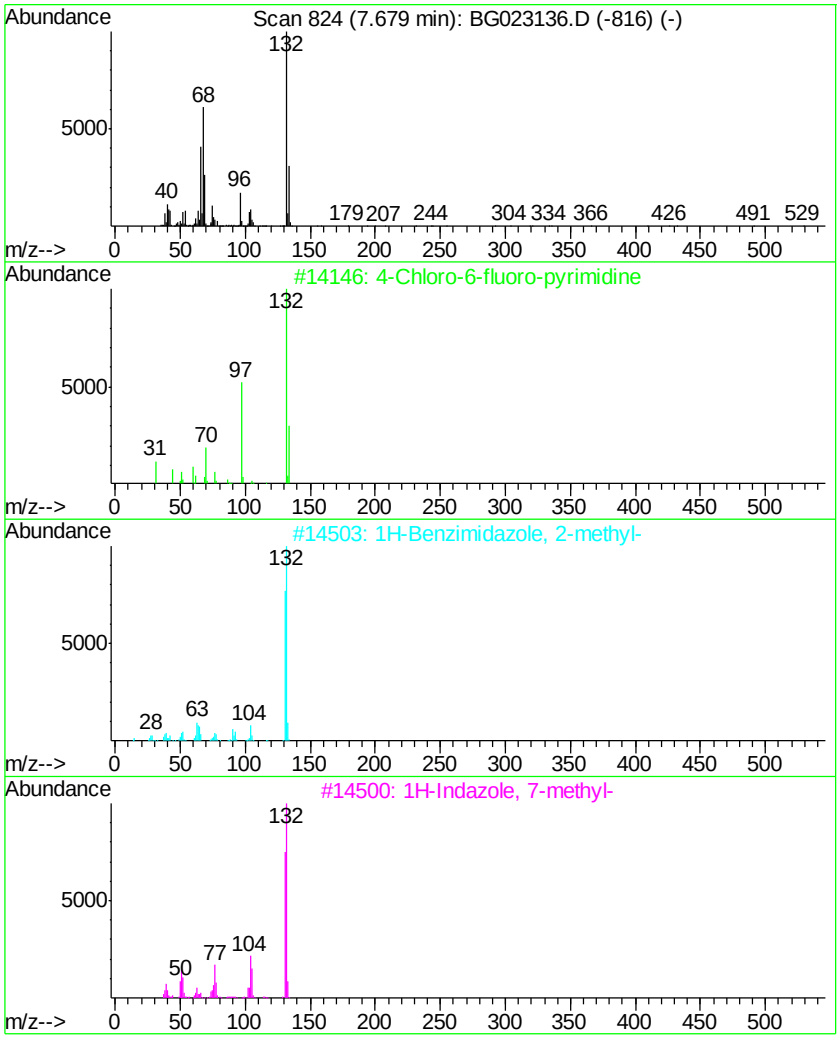
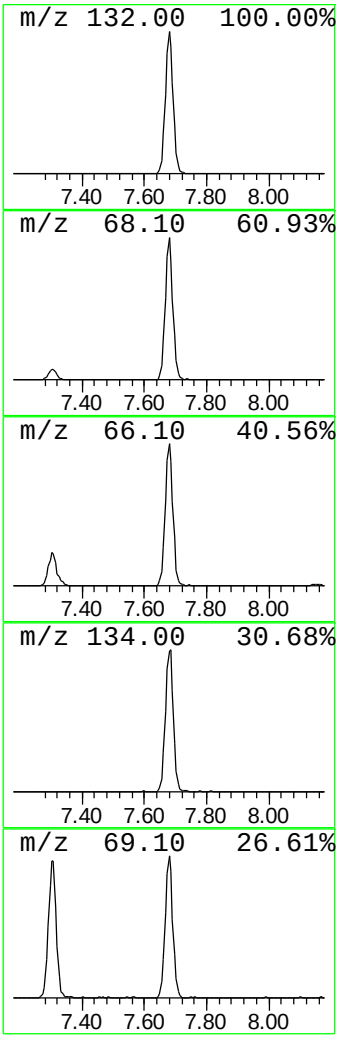
Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	85.41 ng	2863310	1,4-Dichlorobenzene-d4	8.15

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	10
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





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Acq On : 16 Jul 2016 7:37
Operator : UM/SJ
Sample : H4017-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-12

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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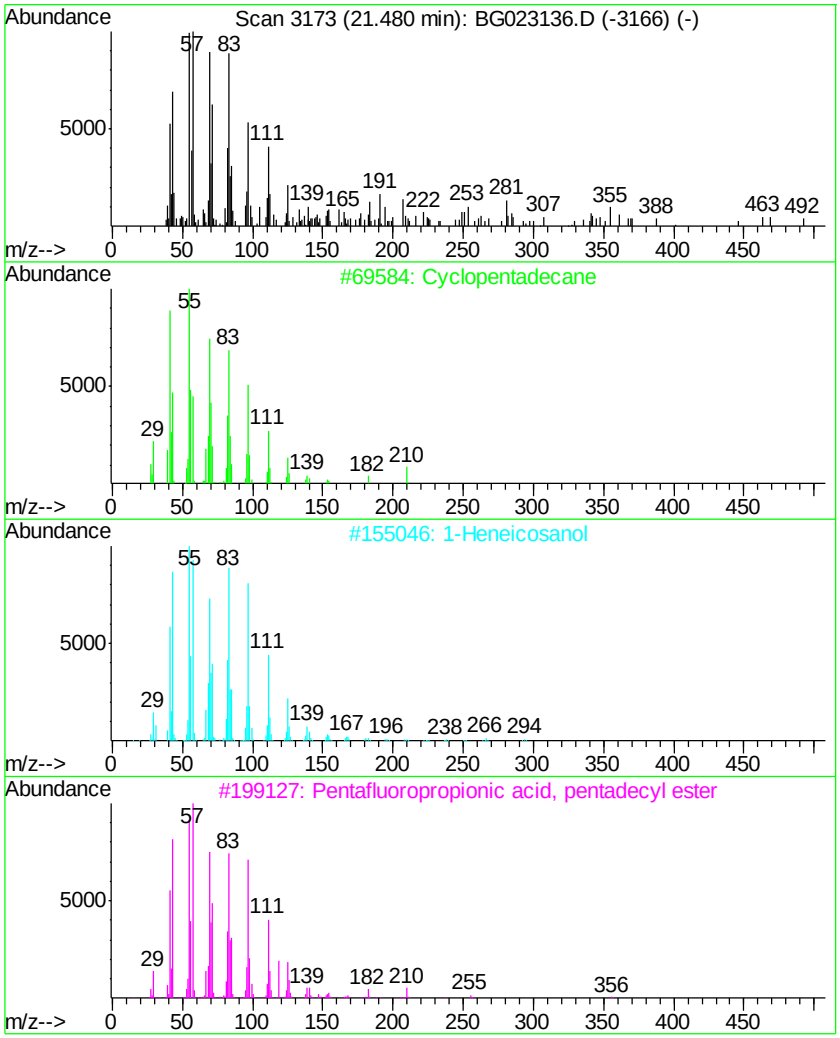
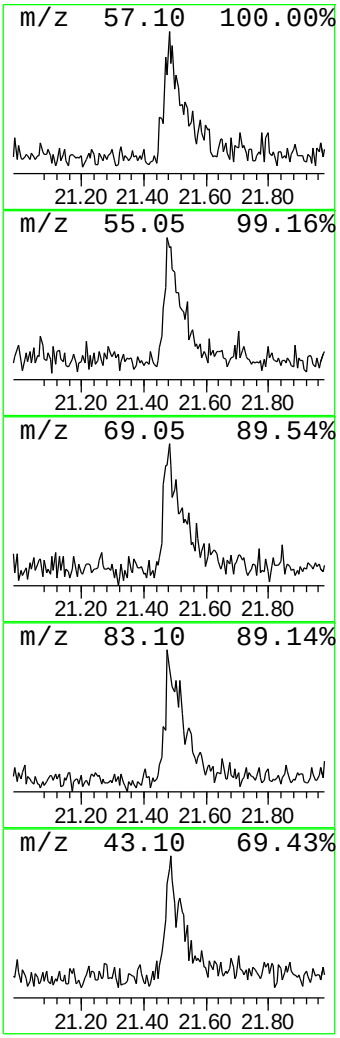
Peak Number 5 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.14 ng	270937	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	87
2	1-Heneicosanol	312	C21H44O	015594-90-8	70
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	62
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	62
5	1-Pentadecene	210	C15H30	013360-61-7	62





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	3.04	147.1	ng	4932050	1	8.15	670475	20.0
unknown5.22	5.22	10.6	ng	354640	1	8.15	670475	20.0
unknown7.68	7.68	85.4	ng	2863310	1	8.15	670475	20.0
Cyclopentadecane	21.48	2.1	ng	270937	5	21.86	2529850	20.0