

For the benefit of VaporFi, Inc.

Samples
RMN070714

Analytical Report
(0714-63)

GC/FID Analysis (RM01)
Nicotine Purity

GC/MS Analysis (QG02)
Anabasine, Anatabine, Myosmine, Nornicotine



Enthalpy Analytical, Inc.

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I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF) and contains 81 pages.

Report Issued: 07/22/2014



Summary of Results



Company For the benefit of VaporFi, Inc.
 Analyst KEH
 Parameters GC/FID Analysis

Job # 0714-63
 Sample(s) Received 07/08/2014

Enthalpy Code	Client's Sample ID	Batch / Lot / Notes	Purity (Area %)
0714-63-01	RMN070714	Nicotine	99.89

Report for: For the benefit of VaporFi, Inc.

Project Code: 0714-63
 Project Start Date: 07/08/2014
 Analysis Method: GC/MS

Lowest Stnd Value x DF, ug/mL	123	17.1	210	99.3
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Client Code	Enthalpy Code	Nornicotine (ug/mL)	Myosmine (ug/mL)	Anabasine (ug/mL)	Anatabine (ug/mL)
RMN070714	0714-63-01	384	382	192	107

Compound / Sample ID	MS Sample (ug)	Spiked (ug)	Native (ug)	Recovery %
Nornicotine 0714-63-01MS	105	92.3	19.2	93.3%
Myosmine 0714-63-01MS	28.6	10.4	19.1	91.0%
Anabasine 0714-63-01MS	151	157	9.62	89.6%
Anatabine 0714-63-01MS	73.4	74.7	5.33	91.1%

Narrative Summary



Enthalpy Analytical Narrative Summary

Company	For the benefit of VaporFi, Inc.
Analyst	KEH
Parameters	GC/FID Analysis-Purity

	Eliquid samples
Job #	0714-63
# Samples	1 sample

Custody	Summer Mims received the sample on 7/8/14 after being relinquished by for the benefit of VaporFi, Inc. The sample was received at ambient temperature in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, Inc.
Analysis	The nicotine sample was analyzed for impurities using the analytical procedures for GC/FID analyses. A 0.5mL aliquot was removed from each sample and brought to 5 mL with 2-propanol. The Hewlett Packard Model 5890, Series II Gas Chromatograph ("Ricky") was equipped with a Flame Ionization Detector (FID) and the appropriate column.
Calibration	There is no calibration curve associated with performing purity analyses based on area counts.
QC Notes	Solvent peaks were not included in the total.
Reporting Notes	The results presented in this report are representative of the samples as provided to the laboratory.



Enthalpy Analytical Narrative Summary

Company	For the benefit of VaporFi, Inc.
Analyst	SSB
Parameters	GC/MS Analysis-Alkaloids

	Eliquid samples
Job #	0714-63
# Samples	1

Custody	Summer Mims received the sample on 7/8/14 after being relinquished by for the benefit of VaporFi, Inc. The sample was received at ambient temperature in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, Inc.
Analysis	The nicotine sample was analyzed for nornicotine, myosmine, anabasine, and anatabine following the general analytical procedures for GC/MS analysis. Aliquots were taken from each sample. Internal standard was added and each sample was brought to the appropriate final volume with methanol. The Agilent Model 7890 Gas Chromatograph (S/N CN12171118), coupled to Agilent Model 7000 GC/MS Triple Quad (S/N US12166083) “Bender”, was operated in Multiple Reaction Monitoring (MRM) mode and was fitted with an appropriate column.
Calibration	The calibration curve quantitative analysis results are located in the Minor Alkaloids Quantitative Analysis Summaries section of this report.
QC Notes	Analytes of interest were not detected in the laboratory blank at levels above the LOQ. A matrix spike (MS) was prepared and analyzed with the sample. The recovery values were within 15% of the expected values.
Reporting Notes	The results presented in this report are representative of the sample as provided to the laboratory.



General Reporting Notes

The following are general reporting notes that are applicable to all Enthalpy Analytical, Inc. data reports, unless specifically noted otherwise.

- Any analysis which refers to the method as “**Type**” represents a planned deviation from the reference method. For instance a Hydrogen Sulfide assay from a Tedlar bag would be labeled as “EPA Method 16-Type” because Tedlar bags are not mentioned as one of the collection options in EPA Method 16.
- The acronym **MDL** represents the Minimum Detection Limit. Below this value the laboratory cannot determine the presence of the analyte of interest reliably.
- The acronym **LOQ** represents the Limit of Quantification. Below this value the laboratory cannot quantitate the analyte of interest within the criteria of the method.
- The acronym **ND** following a value indicates a non-detect or analytical result below the MDL.
- The letter **J** in the Qualifier or Flag column in the results indicates that the value is between the MDL and the LOQ. The laboratory can positively identify the analyte of interest as present, but the value should be considered an estimate.
- The letter **E** in the Qualifier or Flag column indicates an analytical result exceeding 100% of the highest calibration point. The associated value should be considered as an estimate.
- The acronym **DF** represents Dilution Factor. This number represents dilution of the sample during the preparation and/or analysis process. The analytical result taken from a laboratory instrument is multiplied by the DF to determine the final undiluted sample results.
- The addition of **MS** to the Sample ID represents a Matrix Spike. An aliquot of an actual sample is spiked with a known amount of analyte so that a percent recovery value can be determined. The MS analysis indicates what effect the sample matrix may have on the target analyte, i.e. whether or not anything in the sample matrix interferes with the analysis of the analyte(s).
- The addition of **MSD** to the Sample ID represents a Matrix Spike Duplicate. Prepared in the same manner as a MS, the use of duplicate matrix spikes allows further confirmation of laboratory quality by showing the consistency of results gained by performing the same steps multiple times.
- The addition of **LD** to the Sample ID represents a Laboratory Duplicate. The analyst prepares an additional aliquot of sample for testing and the results of the duplicate analysis are compared to the initial result. The result should have a difference value of within 10% of the initial result (if the results of the original analysis are greater than the LOQ).
- The addition of **AD** to the Sample ID represents an Alternate Dilution. The analyst prepares an additional aliquot at a different dilution factor (usually double the initial factor). This analysis helps confirm that no additional compound is present and coeluting or sharing absorbance with the analyte of interest, as they would have a different response/absorbance than the analyte of interest.



General Reporting Notes

(continued)

- The Sample ID **LCS** represents a Laboratory Control Sample. Clean matrix, similar to the client sample matrix, prepared and analyzed by the laboratory using the same reagents, spiking standards and procedures used for the client samples. The LCS is used to assess the control of the laboratory's analytical system. Whenever spikes are prepared for our client projects, two spikes are retained as LCSs. The LCSs are labeled with the associated project number and kept in-house at the appropriate temperature conditions. When the project samples are received for analysis, the LCSs are analyzed to confirm that the analyte could be recovered from the media, separate from the samples which were used on the project and which may have been affected by source matrix, sample collection and/or sample transport.
- **Significant Figures:** Where the reported value is much greater than unity (1.00) in the units expressed, the number is rounded to a whole number of units, rather than to 3 significant figures. For example, a value of 10,456.45 ug catch is rounded to 10,456 ug. There are five significant digits displayed, but no confidence should be placed on more than two significant digits.
- **Manual Integration:** The data systems used for processing will flag manually integrated peaks with an "M". There are several reasons a peak may be manually integrated. These reasons will be identified by the following two letter designations on sample chromatograms, if provided in the report. The peak was **not integrated** by the software "**NI**", the peak was **integrated incorrectly** by the software "**II**" or the **wrong peak** was integrated by the software "**WP**". These codes will accompany the analyst's manual integration stamp placed next to the compound name on the chromatogram.



Sample Custody Record



Sample Chromatograms



Sequence Summary Report



Agilent Technologies

Data file: C:\CHEM32\1\DATA\R071014A\037B4501.D

Sample name: 0714-63-01 Impurities

Description:

Instrument: Ricky

Sample type: Control

Injection date: 7/11/2014 12:55:20 AM

Location: Vial 37

Acq. method:

Injection: 1 of 1

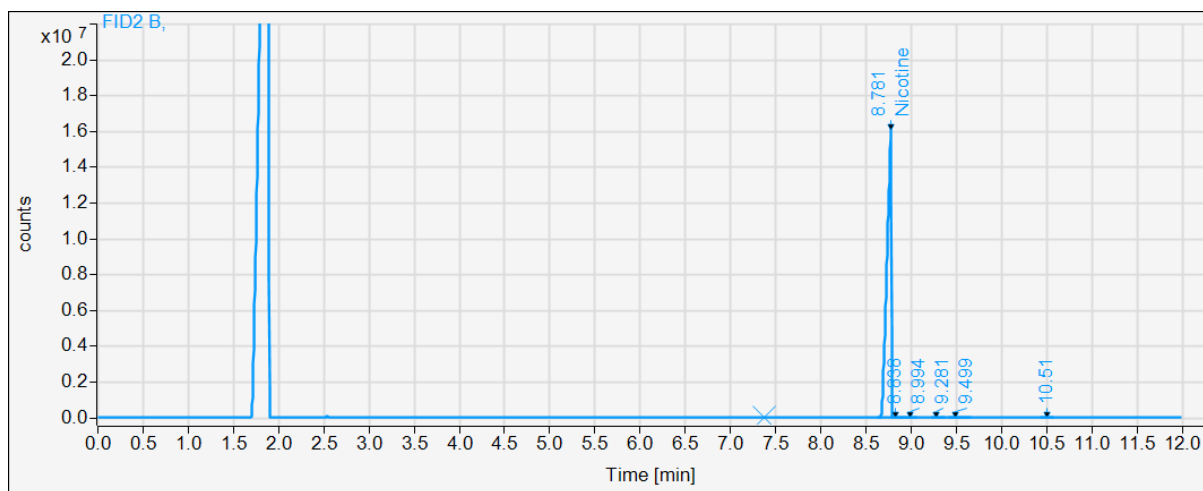
Analysis method: R060514A.M

Injection volume: 1.000

Last changed: 7/10/2014 12:39:11 PM

Acq. operator: Kathy Humphries

Sequence_Name R071014A



Name	RT	Area	Height	Percent_Area
Nicotine	8.781	53887156	16182249	99.89
	8.838	18694	5763	0.03
	8.994	5802	2263	0.01
	9.281	7436	4487	0.01
	9.499	8629	3761	0.02
	10.510	20482	12515	0.04
	Sum	53948198	16211038	100

Quantitative Analysis Summary



Quantitative Analysis Summary Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Quantitation Results

<i>Target Compound</i>		<i>Nornicotine</i>								
SampleName	Sample Type	LevelName	Data File	AcqDateTime	Compound	Exp Conc (µg/mL)	Dilution	Final Conc (µ	Accuracy	2nd An. Review
Alkaloids Cal Std#1	Calibration	1	H1402138.D	2014-07-15T15:5	Nornicotine	1.231	1	1.307597505	106.2223806	SSB 7/22/14
Alkaloids Cal Std#3	Calibration	3	H1402140.D	2014-07-15T16:2	Nornicotine	6.15	1	5.853185495	95.17374788	SSB 7/22/14
Alkaloids Cal Std#4	Calibration	4	H1402141.D	2014-07-15T16:4	Nornicotine	9.23	1	9.033711618	97.87336531	SSB 7/22/14
Alkaloids Cal Std#5	Calibration	5	H1402142.D	2014-07-15T16:5	Nornicotine	15.4	1	15.51206125	100.7276704	SSB 7/22/14
Alkaloids Cal Std#6	Calibration	6	H1402143.D	2014-07-15T17:1	Nornicotine	30.8	1	31.54753677	102.4270674	SSB 7/22/14
Alkaloids Cal Std#7	Calibration	7	H1402144.D	2014-07-15T17:2	Nornicotine	61.5	1	61.11209301	99.36925693	SSB 7/22/14
Alkaloids Cal Std#2	Calibration	2	H1402146.D	2014-07-15T17:5	Nornicotine	3.077	1	3.021814357	98.20651144	SSB 7/22/14
Alkaloids SS	QC	8	H1402226.D	2014-07-16T16:3	Nornicotine	27.489	1	34.00331281	123.6978894	SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402229.D	2014-07-21T16:1	Nornicotine	15.4	1	15.37768071	99.85506956	SSB 7/22/14
0714-63-01	Sample		H1402230.D	2014-07-21T17:1	Nornicotine		100	384.4608671		SSB 7/22/14
0714-63-01MS	Sample		H1402231.D	2014-07-21T17:2	Nornicotine			21.05325954		SSB 7/22/14
0714-63 Blank	Sample		H1402232.D	2014-07-21T17:4	Nornicotine		1	0		SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402234.D	2014-07-21T18:1	Nornicotine	15.4	1	15.57145549	101.1133473	SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402235.D	2014-07-22T11:0	Nornicotine	15.4	1	15.26368199	99.1148181	SSB 7/22/14
0714-63 LCS	Sample		H1402236.D	2014-07-22T11:2	Nornicotine		1	17.78790118		SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402237.D	2014-07-22T11:3	Nornicotine	15.4	1	14.73649011	95.6914942	SSB 7/22/14

<i>Target Compound</i>		<i>Myosmine</i>								
SampleName	Sample Type	LevelName	Data File	AcqDateTime	Compound	Exp Conc (µg/mL)	Dilution	Final Conc (µ	Accuracy	2nd An. Review
Alkaloids Cal Std#1	Calibration	1	H1402138.D	2014-07-15T15:5	Myosmine	0.1947	1	0.19971548	102.5760041	SSB 7/22/14
Alkaloids Cal Std#3	Calibration	3	H1402140.D	2014-07-15T16:2	Myosmine	0.8232	1	0.823944352	100.0904218	SSB 7/22/14
Alkaloids Cal Std#4	Calibration	4	H1402141.D	2014-07-15T16:4	Myosmine	1.0197	1	0.99746978	97.81992548	SSB 7/22/14
Alkaloids Cal Std#5	Calibration	5	H1402142.D	2014-07-15T16:5	Myosmine	1.6423	1	1.610714683	98.07676327	SSB 7/22/14
Alkaloids Cal Std#6	Calibration	6	H1402143.D	2014-07-15T17:1	Myosmine	3.2233	1	3.219377741	99.87831544	SSB 7/22/14
Alkaloids Cal Std#7	Calibration	7	H1402144.D	2014-07-15T17:2	Myosmine	6.0137	1	6.06283973	100.8171297	SSB 7/22/14
Alkaloids Cal Std#2	Calibration	2	H1402146.D	2014-07-15T17:5	Myosmine	0.3828	1	0.385638233	100.7414402	SSB 7/22/14
Myosmine SS	CC	9	H1402152.D	2014-07-15T19:2	Myosmine	3.34026	1	3.204634628	95.93967618	SSB 7/22/14
Alkaloids SS	QC	8	H1402226.D	2014-07-16T16:3	Myosmine	1	1	2.589997882	258.9997882	SSB 7/22/14
Myosmine Cal Std#4	QC	10	H1402227.D	2014-07-21T15:4	Myosmine	3.0646	1	2.975165939	97.08170524	SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402229.D	2014-07-21T16:1	Myosmine	1.6423	1	1.842445931	112.1869288	SSB 7/22/14
0714-63-01	Sample		H1402230.D	2014-07-21T17:1	Myosmine		100	382.2880881		SSB 7/22/14
0714-63-01MS	Sample		H1402231.D	2014-07-21T17:2	Myosmine			5.715668587		SSB 7/22/14
0714-63 Blank	Sample		H1402232.D	2014-07-21T17:4	Myosmine		1	0.210783031		SSB 7/22/14
Myosmine Cal Std#4	QC	10	H1402233.D	2014-07-21T17:5	Myosmine	3.0646	1	2.806169508	91.56723579	SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402234.D	2014-07-21T18:1	Myosmine	1.6423	1	1.841974115	112.1581998	SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402235.D	2014-07-22T11:0	Myosmine	1.6423	1	1.78230435	108.524895	SSB 7/22/14
0714-63 LCS	Sample		H1402236.D	2014-07-22T11:2	Myosmine		1	2.081182755		SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402237.D	2014-07-22T11:3	Myosmine	1.6423	1	1.714674577	104.4069036	SSB 7/22/14

Quantitative Analysis Summary Report

Target Compound	Anabasine									
SampleName	Sample Type	LevelName	Data File	AcqDateTime	Compound	Exp Conc (µg/mL)	Dilution	Final Conc (µ	Accuracy	2nd An. Review
Alkaloids Cal Std#1	Calibration	1	H1402138.D	2014-07-15T15:5	Anabasine	2.098	1	2.023112141	96.43051197	SSB 7/22/14
Alkaloids Cal Std#3	Calibration	3	H1402140.D	2014-07-15T16:2	Anabasine	10.49	1	10.35728316	98.73482514	SSB 7/22/14
Alkaloids Cal Std#4	Calibration	4	H1402141.D	2014-07-15T16:4	Anabasine	15.73	1	15.90998396	101.1442083	SSB 7/22/14
Alkaloids Cal Std#5	Calibration	5	H1402142.D	2014-07-15T16:5	Anabasine	26.2	1	26.95162687	102.8688048	SSB 7/22/14
Alkaloids Cal Std#6	Calibration	6	H1402143.D	2014-07-15T17:1	Anabasine	52.4	1	54.34441692	103.7107193	SSB 7/22/14
Alkaloids Cal Std#7	Calibration	7	H1402144.D	2014-07-15T17:2	Anabasine	104.9	1	102.2506369	97.47439166	SSB 7/22/14
Alkaloids Cal Std#2	Calibration	2	H1402146.D	2014-07-15T17:5	Anabasine	5.244	1	5.224940094	99.63653879	SSB 7/22/14
Alkaloids SS	QC	8	H1402226.D	2014-07-16T16:3	Anabasine	30.439	1	33.54384063	110.2002058	SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402229.D	2014-07-21T16:1	Anabasine	26.2	1	25.64127795	97.8674731	SSB 7/22/14
0714-63-01	Sample		H1402230.D	2014-07-21T17:1	Anabasine		100	192.3512167		SSB 7/22/14
0714-63-01MS	Sample		H1402231.D	2014-07-21T17:2	Anabasine			30.10698243		SSB 7/22/14
0714-63 Blank	Sample		H1402232.D	2014-07-21T17:4	Anabasine		1	0.577138354		SSB 7/22/14
Myosmine Cal Std#4	QC	10	H1402233.D	2014-07-21T17:5	Anabasine	1	1	0	0	SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402234.D	2014-07-21T18:1	Anabasine	26.2	1	24.97771917	95.33480598	SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402235.D	2014-07-22T11:0	Anabasine	26.2	1	25.16621498	96.05425565	SSB 7/22/14
0714-63 LCS	Sample		H1402236.D	2014-07-22T11:2	Anabasine		1	29.89450691		SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402237.D	2014-07-22T11:3	Anabasine	26.2	1	24.19881648	92.36189497	SSB 7/22/14

Target Compound	Anatabine									
SampleName	Sample Type	LevelName	Data File	AcqDateTime	Compound	Exp Conc (µg/mL)	Dilution	Final Conc (µ	Accuracy	2nd An. Review
Alkaloids Cal Std#1	Calibration	1	H1402138.D	2014-07-15T15:5	Anatabine	0.993	1	0.959702643	96.64679184	SSB 7/22/14
Alkaloids Cal Std#3	Calibration	3	H1402140.D	2014-07-15T16:2	Anatabine	4.96	1	4.88951965	98.5790252	SSB 7/22/14
Alkaloids Cal Std#4	Calibration	4	H1402141.D	2014-07-15T16:4	Anatabine	7.44	1	7.523322763	101.1199296	SSB 7/22/14
Alkaloids Cal Std#5	Calibration	5	H1402142.D	2014-07-15T16:5	Anatabine	12.4	1	12.60673444	101.6672132	SSB 7/22/14
Alkaloids Cal Std#6	Calibration	6	H1402143.D	2014-07-15T17:1	Anatabine	24.8	1	25.40153748	102.4255544	SSB 7/22/14
Alkaloids Cal Std#7	Calibration	7	H1402144.D	2014-07-15T17:2	Anatabine	49.6	1	48.78214102	98.35109077	SSB 7/22/14
Alkaloids Cal Std#2	Calibration	2	H1402146.D	2014-07-15T17:5	Anatabine	2.482	1	2.512042004	101.210395	SSB 7/22/14
Alkaloids SS	QC	8	H1402226.D	2014-07-16T16:3	Anatabine	20.029	1	22.08459475	110.2630923	SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402229.D	2014-07-21T16:1	Anatabine	12.4	1	12.24192421	98.72519524	SSB 7/22/14
0714-63-01	Sample		H1402230.D	2014-07-21T17:1	Anatabine		100	106.5551114		SSB 7/22/14
0714-63-01MS	Sample		H1402231.D	2014-07-21T17:2	Anatabine			14.68061497		SSB 7/22/14
0714-63 Blank	Sample		H1402232.D	2014-07-21T17:4	Anatabine		1	0.230342636		SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402234.D	2014-07-21T18:1	Anatabine	12.4	1	12.28351652	99.06061707	SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402235.D	2014-07-22T11:0	Anatabine	12.4	1	12.08924442	97.49390658	SSB 7/22/14
0714-63 LCS	Sample		H1402236.D	2014-07-22T11:2	Anatabine		1	14.09404456		SSB 7/22/14
Alkaloids Cal Std#5	QC	5	H1402237.D	2014-07-22T11:3	Anatabine	12.4	1	11.63679912	93.84515416	SSB 7/22/14

Sample Chromatograms



Quantitative Analysis Calibration Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

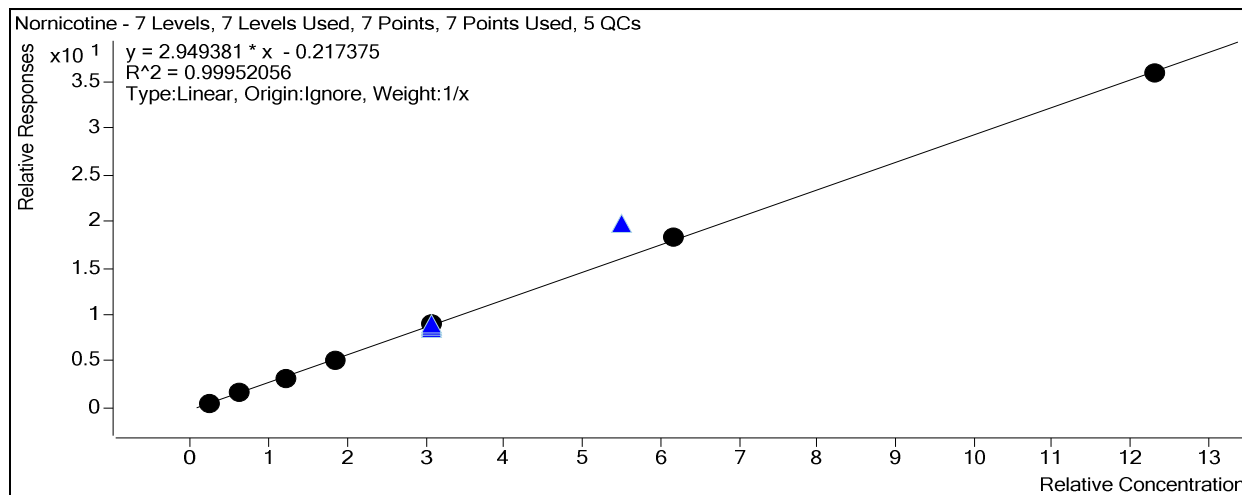
Calibration Info

ISTD Compound 7-Methylquinoline

Calibration STD	Cal Type	Level	Enabled	Response	Exp Conc	RF
T:\Herman\gcms2014q3\july14\ Calibration		1	☒	73	5.0000	14.6626
T:\Herman\gcms2014q3\july14\ QC		10	☒	89	5.0000	17.8115
T:\Herman\gcms2014q3\july14\ QC		10	☒	119	5.0000	23.7443
T:\Herman\gcms2014q3\july14\ Calibration		2	☒	80	5.0000	15.9571
T:\Herman\gcms2014q3\july14\ Calibration		3	☒	103	5.0000	20.6671
T:\Herman\gcms2014q3\july14\ Calibration		4	☒	77	5.0000	15.4080
T:\Herman\gcms2014q3\july14\ Calibration		5	☒	77	5.0000	15.4120
T:\Herman\gcms2014q3\july14\ QC		5	☒	86	5.0000	17.1714
T:\Herman\gcms2014q3\july14\ QC		5	☒	108	5.0000	21.6105
T:\Herman\gcms2014q3\july14\ QC		5	☒	101	5.0000	20.1506
T:\Herman\gcms2014q3\july14\ QC		5	☒	115	5.0000	22.9340
T:\Herman\gcms2014q3\july14\ Calibration		6	☒	80	5.0000	15.9729
T:\Herman\gcms2014q3\july14\ Calibration		7	☒	87	5.0000	17.3911
T:\Herman\gcms2014q3\july14\ QC		8	☒	95	5.0000	18.9094
T:\Herman\gcms2014q3\july14\ CC		9	☒	84	5.0000	16.8282

Quantitative Analysis Calibration Report

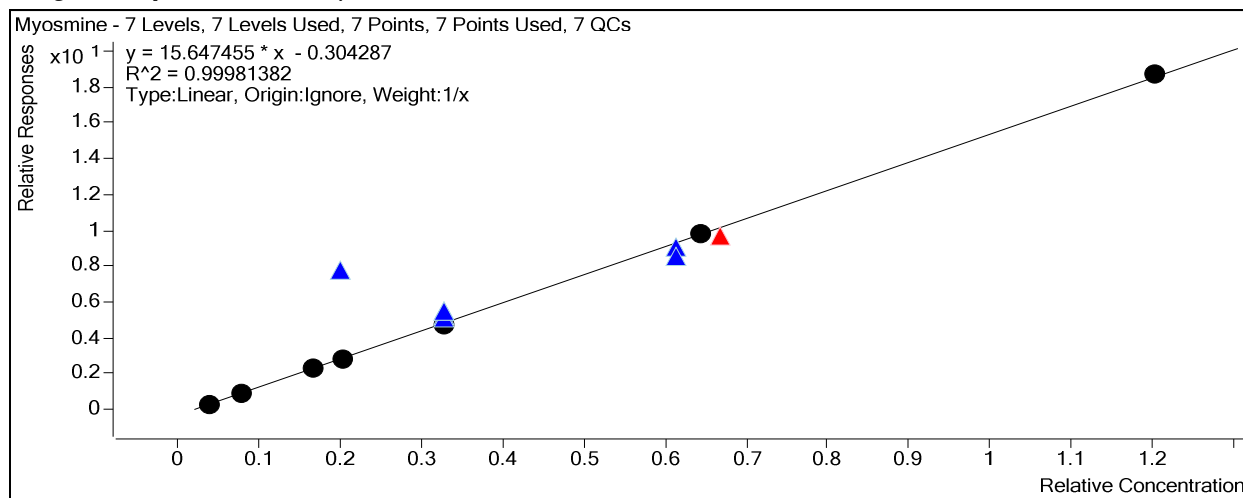
Target Compound *Nornicotine*



Calibration STD	Cal Type	Level	Enabled	Response	Exp Conc	RF
T:\Herman\gcms2014q3\july14\ Calibration		1	☒	41	1.2310	2.2500
T:\Herman\gcms2014q3\july14\ Calibration		2	☒	125	3.0770	2.5433
T:\Herman\gcms2014q3\july14\ Calibration		3	☒	334	6.1500	2.6303
T:\Herman\gcms2014q3\july14\ Calibration		4	☒	394	9.2300	2.7689
T:\Herman\gcms2014q3\july14\ Calibration		5	☒	688	15.4000	2.9003
T:\Herman\gcms2014q3\july14\ QC		5	☒	760	15.4000	2.8745
T:\Herman\gcms2014q3\july14\ QC		5	☒	969	15.4000	2.9116
T:\Herman\gcms2014q3\july14\ QC		5	☒	885	15.4000	2.8527
T:\Herman\gcms2014q3\july14\ QC		5	☒	972	15.4000	2.7517
T:\Herman\gcms2014q3\july14\ Calibration		6	☒	1469	30.8000	2.9857
T:\Herman\gcms2014q3\july14\ Calibration		7	☒	3116	61.5000	2.9131
T:\Herman\gcms2014q3\july14\ QC		8	☒	1876	27.4890	3.6088

Quantitative Analysis Calibration Report

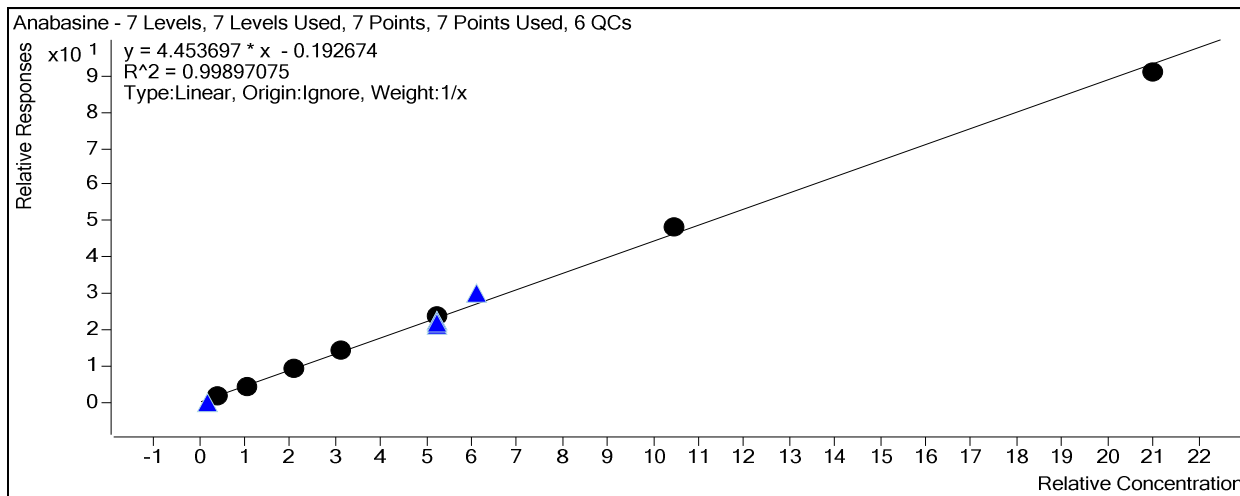
Target Compound *Myosmine*



Calibration STD	Cal Type	Level	Enabled	Response	Exp Conc	RF
T:\Herman\gcms2014q3\july14\ Calibration		1	☒	24	0.1947	8.2363
T:\Herman\gcms2014q3\july14\ QC		10	☒	802	3.0646	14.6944
T:\Herman\gcms2014q3\july14\ QC		10	☒	1006	3.0646	13.8315
T:\Herman\gcms2014q3\july14\ Calibration		2	☒	72	0.3828	11.7890
T:\Herman\gcms2014q3\july14\ Calibration		3	☒	235	0.8232	13.8134
T:\Herman\gcms2014q3\july14\ Calibration		4	☒	217	1.0197	13.8143
T:\Herman\gcms2014q3\july14\ Calibration		5	☒	365	1.6423	14.4201
T:\Herman\gcms2014q3\july14\ QC		5	☒	469	1.6423	16.6280
T:\Herman\gcms2014q3\july14\ QC		5	☒	590	1.6423	16.6235
T:\Herman\gcms2014q3\july14\ QC		5	☒	531	1.6423	16.0550
T:\Herman\gcms2014q3\july14\ QC		5	☒	580	1.6423	15.4106
T:\Herman\gcms2014q3\july14\ Calibration		6	☒	780	3.2233	15.1564
T:\Herman\gcms2014q3\july14\ Calibration		7	☒	1623	6.0137	15.5223
T:\Herman\gcms2014q3\july14\ QC		8	☒	738	1.0000	39.0054
T:\Herman\gcms2014q3\july14\ CC		9	☒	818	3.3403	14.5566

Quantitative Analysis Calibration Report

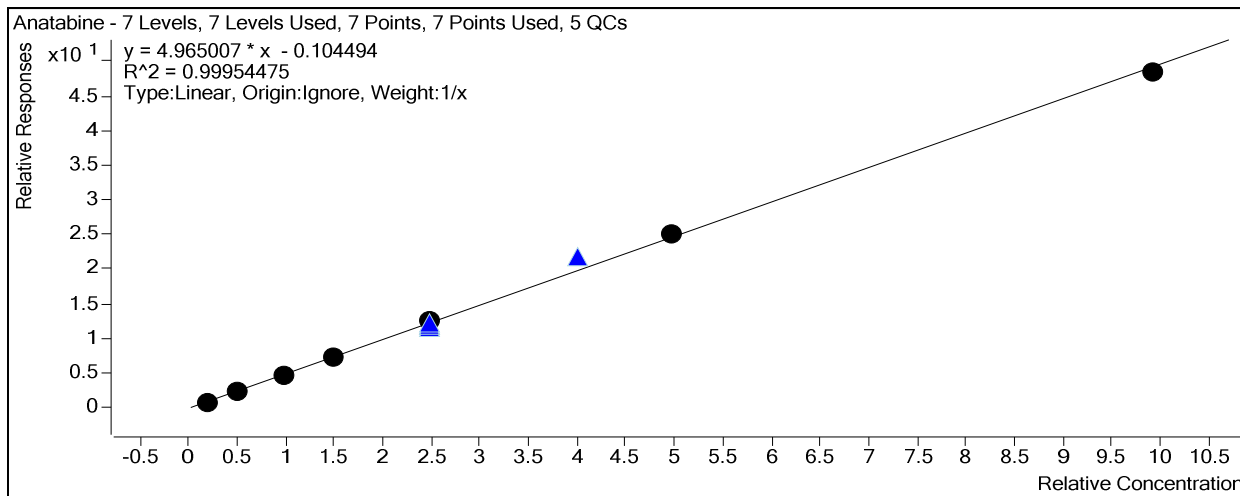
Target Compound *Anabasine*



Calibration STD	Cal Type	Level	Enabled	Response	Exp Conc	RF
T:\Herman\gcms2014q3\july14\ Calibration		1	☒	118	2.0980	3.8355
T:\Herman\gcms2014q3\july14\ QC		10	☒	0	1.0000	0.0000
T:\Herman\gcms2014q3\july14\ Calibration		2	☒	356	5.2440	4.2538
T:\Herman\gcms2014q3\july14\ Calibration		3	☒	933	10.4900	4.3055
T:\Herman\gcms2014q3\july14\ Calibration		4	☒	1077	15.7300	4.4434
T:\Herman\gcms2014q3\july14\ Calibration		5	☒	1835	26.2000	4.5447
T:\Herman\gcms2014q3\july14\ QC		5	☒	1944	26.2000	4.3220
T:\Herman\gcms2014q3\july14\ QC		5	☒	2383	26.2000	4.2092
T:\Herman\gcms2014q3\july14\ QC		5	☒	2239	26.2000	4.2412
T:\Herman\gcms2014q3\july14\ QC		5	☒	2450	26.2000	4.0767
T:\Herman\gcms2014q3\july14\ Calibration		6	☒	3851	52.4000	4.6006
T:\Herman\gcms2014q3\july14\ Calibration		7	☒	7903	104.9000	4.3320
T:\Herman\gcms2014q3\july14\ QC		8	☒	2807	30.4390	4.8763

Quantitative Analysis Calibration Report

Target Compound *Anatabine*



Calibration STD	Cal Type	Level	Enabled	Response	Exp Conc	RF
T:\Herman\gcms2014q3\july14\ Calibration		1	☒	62	0.9930	4.2724
T:\Herman\gcms2014q3\july14\ Calibration		2	☒	191	2.4820	4.8146
T:\Herman\gcms2014q3\july14\ Calibration		3	☒	491	4.9600	4.7891
T:\Herman\gcms2014q3\july14\ Calibration		4	☒	567	7.4400	4.9504
T:\Herman\gcms2014q3\july14\ Calibration		5	☒	957	12.4000	5.0056
T:\Herman\gcms2014q3\july14\ QC		5	☒	1035	12.4000	4.8596
T:\Herman\gcms2014q3\july14\ QC		5	☒	1307	12.4000	4.8762
T:\Herman\gcms2014q3\july14\ QC		5	☒	1199	12.4000	4.7984
T:\Herman\gcms2014q3\july14\ QC		5	☒	1313	12.4000	4.6173
T:\Herman\gcms2014q3\july14\ Calibration		6	☒	2006	24.8000	5.0644
T:\Herman\gcms2014q3\july14\ Calibration		7	☒	4203	49.6000	4.8726
T:\Herman\gcms2014q3\july14\ QC		8	☒	2064	20.0290	5.4485

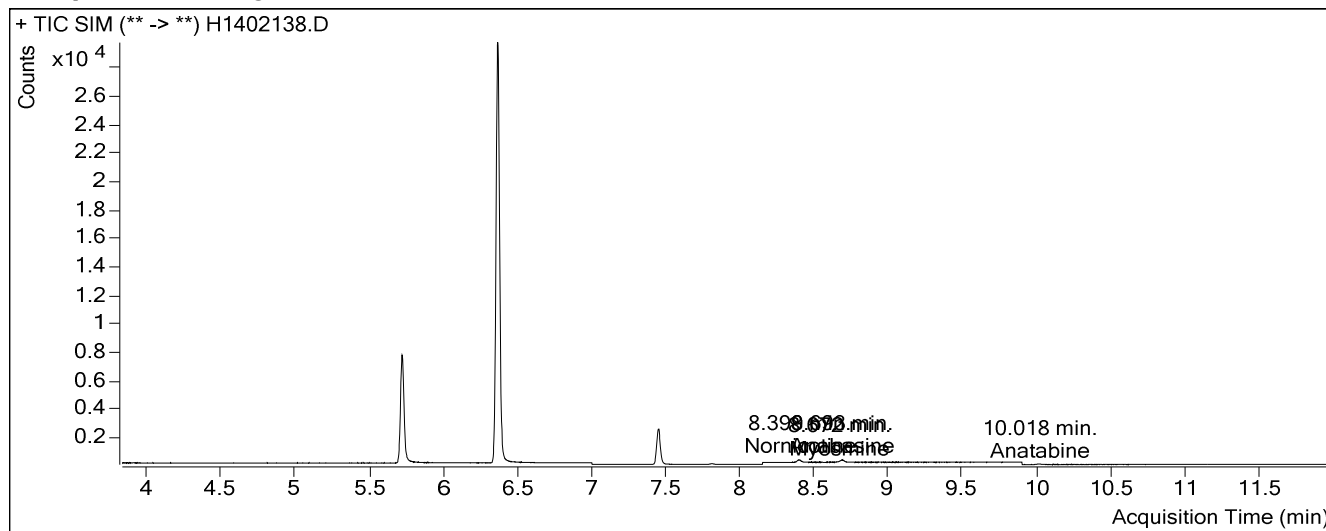
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EA\INC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EA\INC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-15 15:53 **Data File** H1402138.D
Position 9 **Sample Name** Alkaloids Cal Std#1
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Calibration **Comment** TSCStd-0060-02

Sample Chromatogram

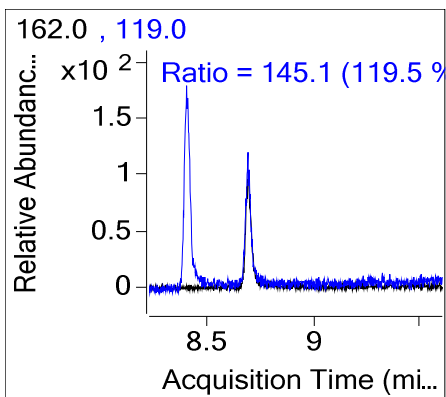
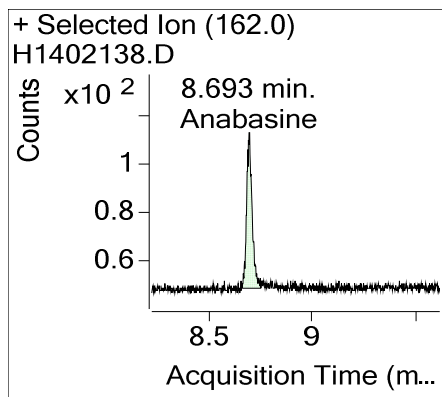
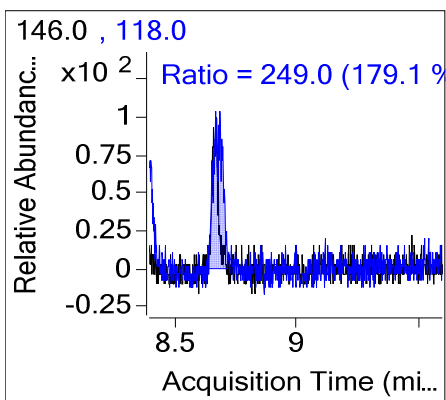
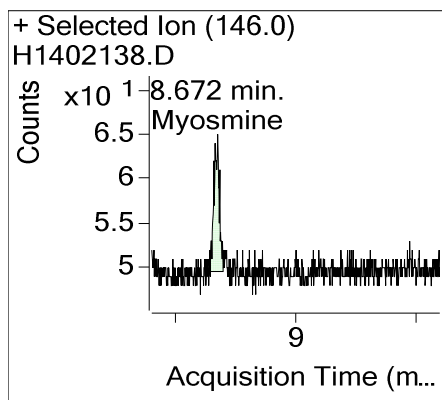
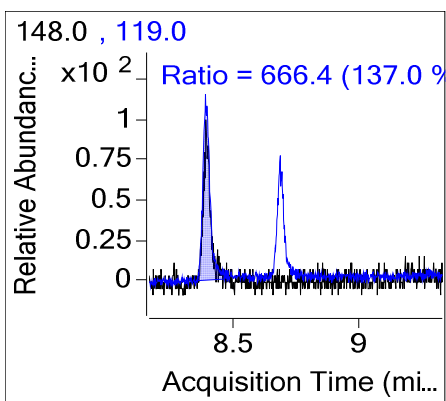
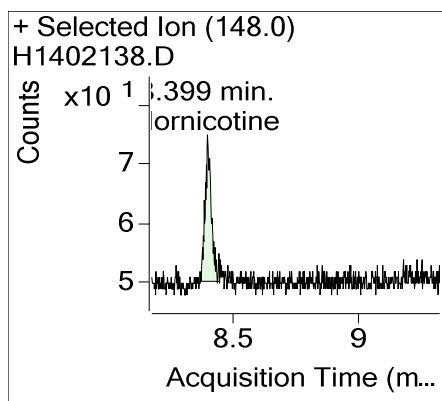
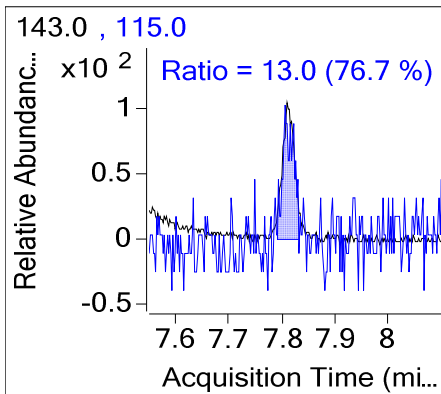
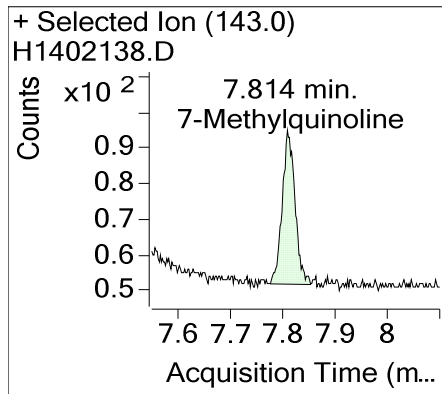


Quantitation Results

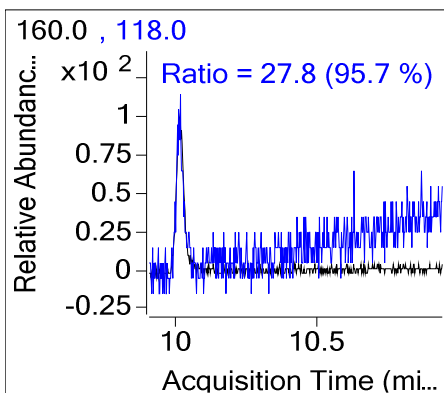
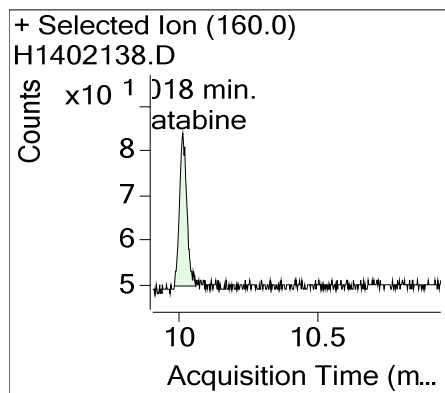
Compound	ISTD	RT (min)	Conc ($\mu\text{g/mL}$)	Accuracy
Nornicotine	7-Methylquinoline	8.399	1.3076	106.22
Myosmine	7-Methylquinoline	8.672	0.1997	102.58
Anabasine	7-Methylquinoline	8.693	2.0231	96.43
Anatabine	7-Methylquinoline	10.018	0.9597	96.65

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



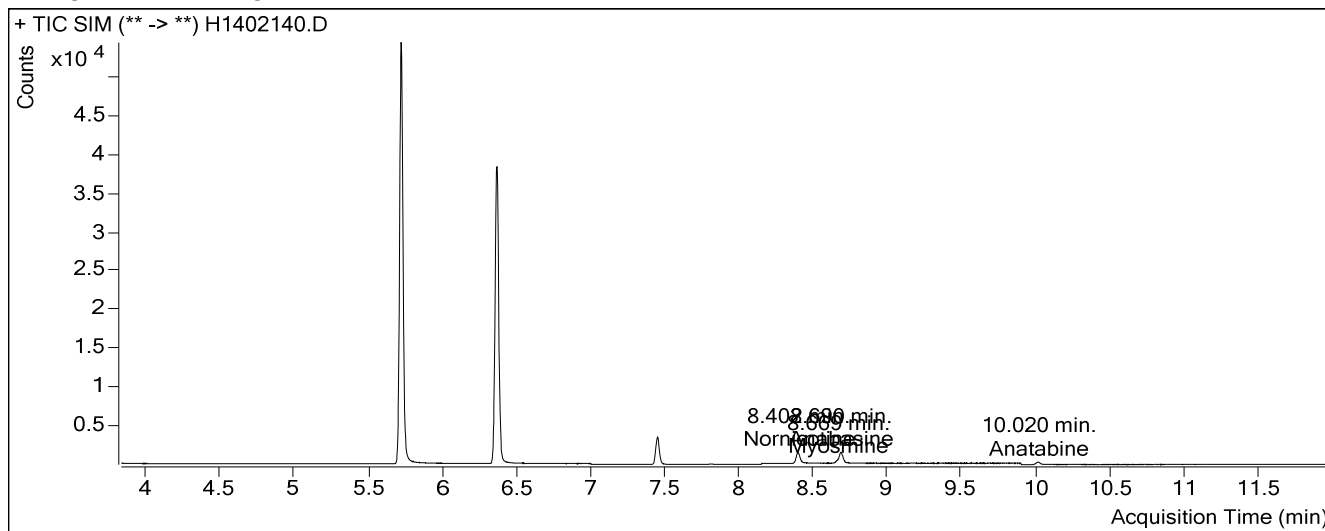
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EA\INC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EA\INC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-15 16:25 **Data File** H1402140.D
Position 11 **Sample Name** Alkaloids Cal Std#3
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Calibration **Comment** TSCStd-0060-04

Sample Chromatogram

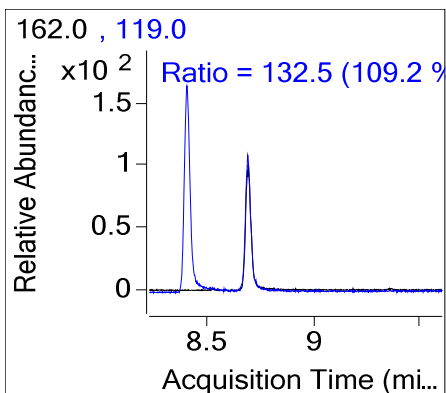
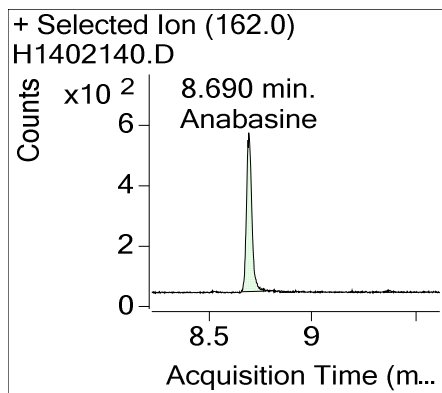
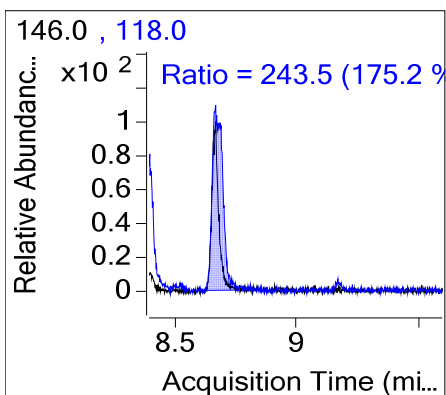
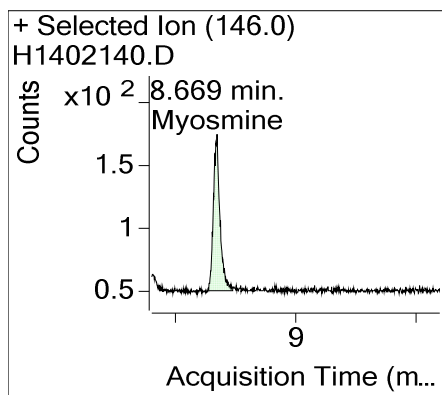
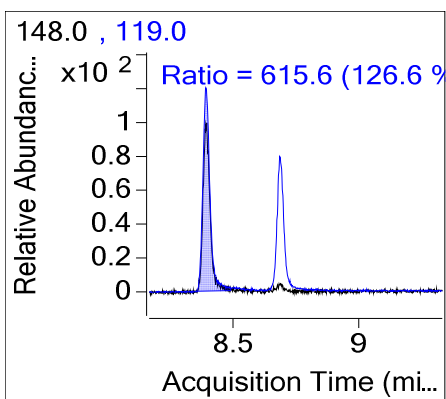
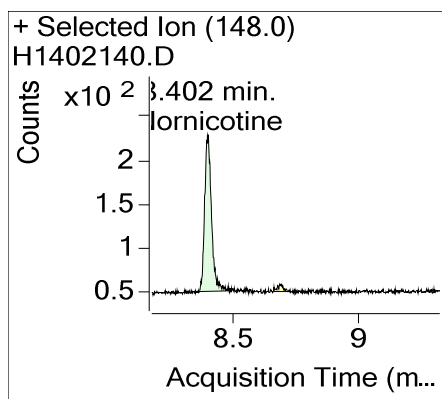
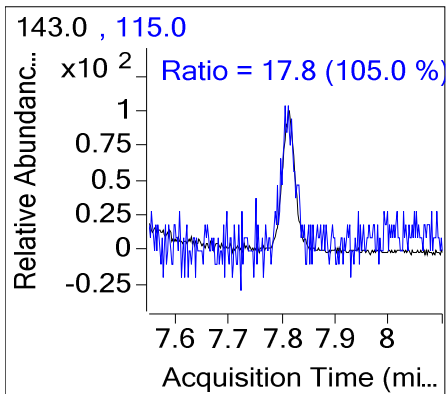
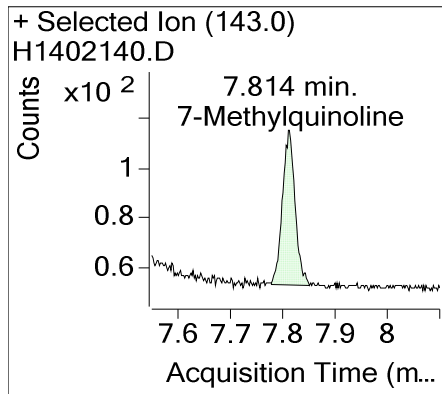


Quantitation Results

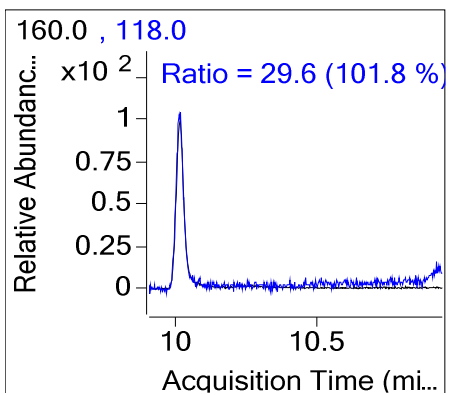
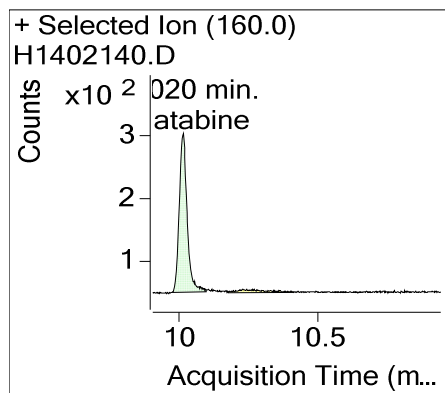
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.402	5.8532	95.17
Myosmine	7-Methylquinoline	8.669	0.8239	100.09
Anabasine	7-Methylquinoline	8.690	10.3573	98.73
Anatabine	7-Methylquinoline	10.020	4.8895	98.58

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



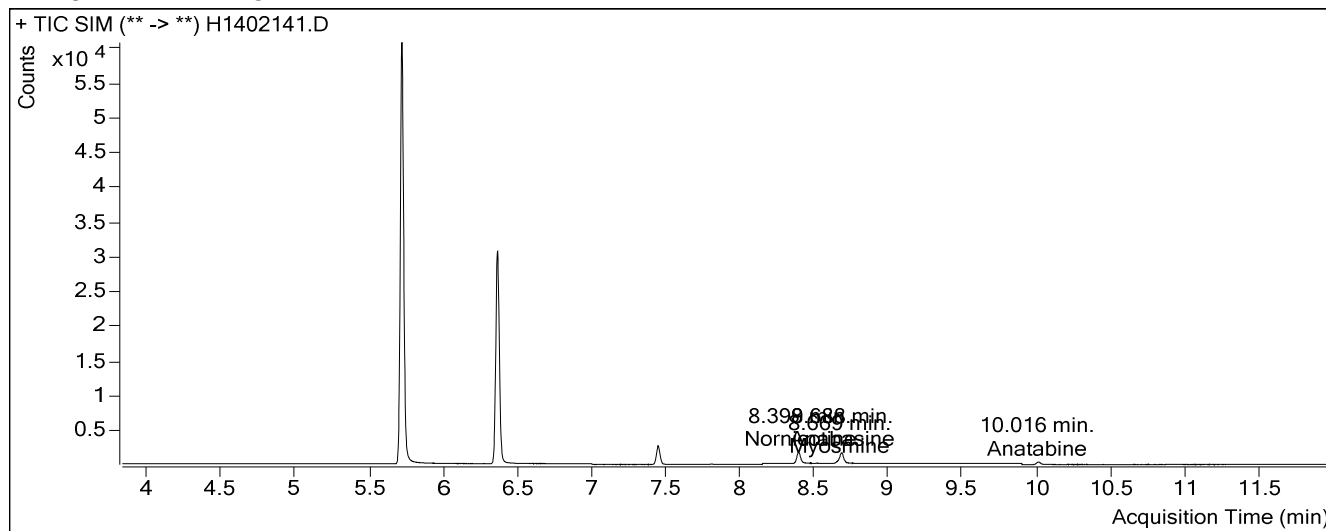
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-15 16:41 **Data File** H1402141.D
Position 12 **Sample Name** Alkaloids Cal Std#4
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Calibration **Comment** TSCStd-0060-05

Sample Chromatogram

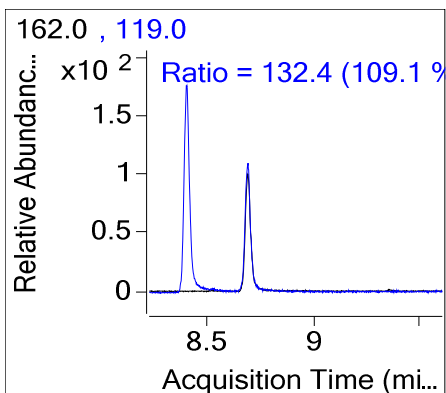
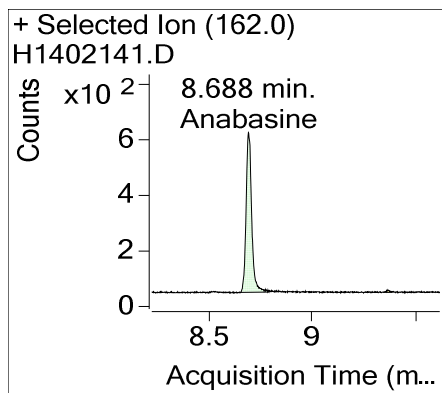
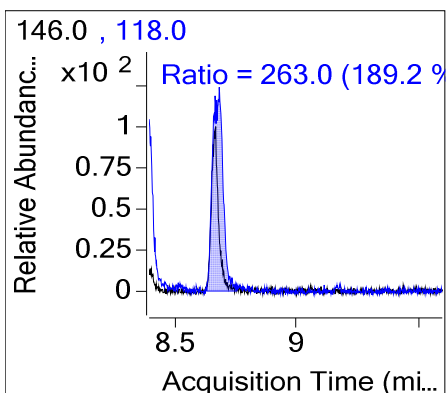
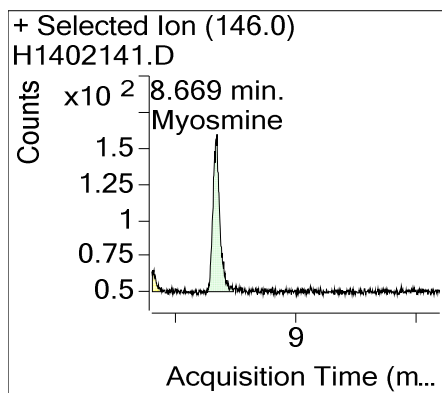
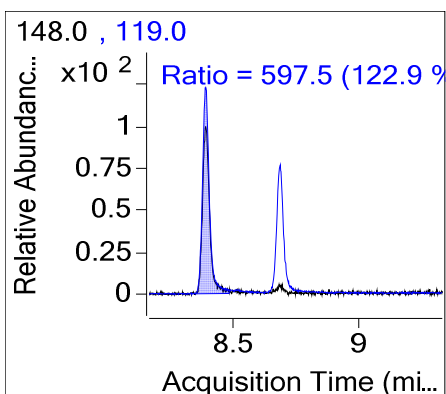
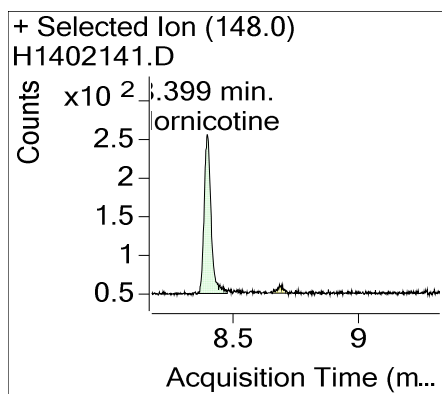
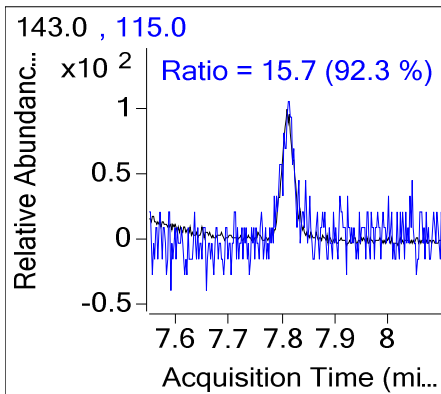
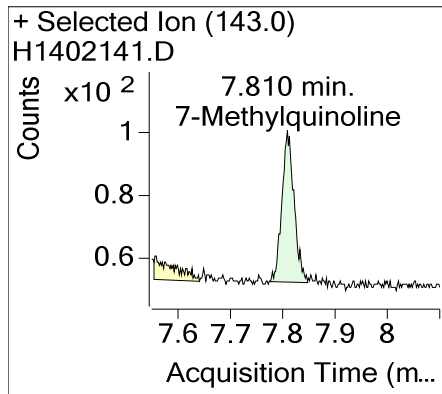


Quantitation Results

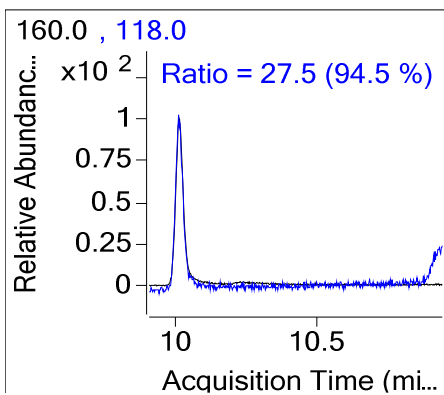
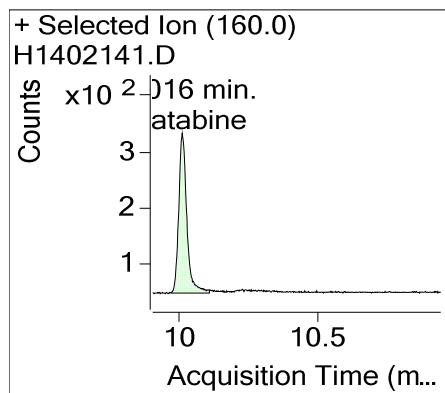
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.399	9.0337	97.87
Myosmine	7-Methylquinoline	8.669	0.9975	97.82
Anabasine	7-Methylquinoline	8.688	15.9100	101.14
Anatabine	7-Methylquinoline	10.016	7.5233	101.12

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



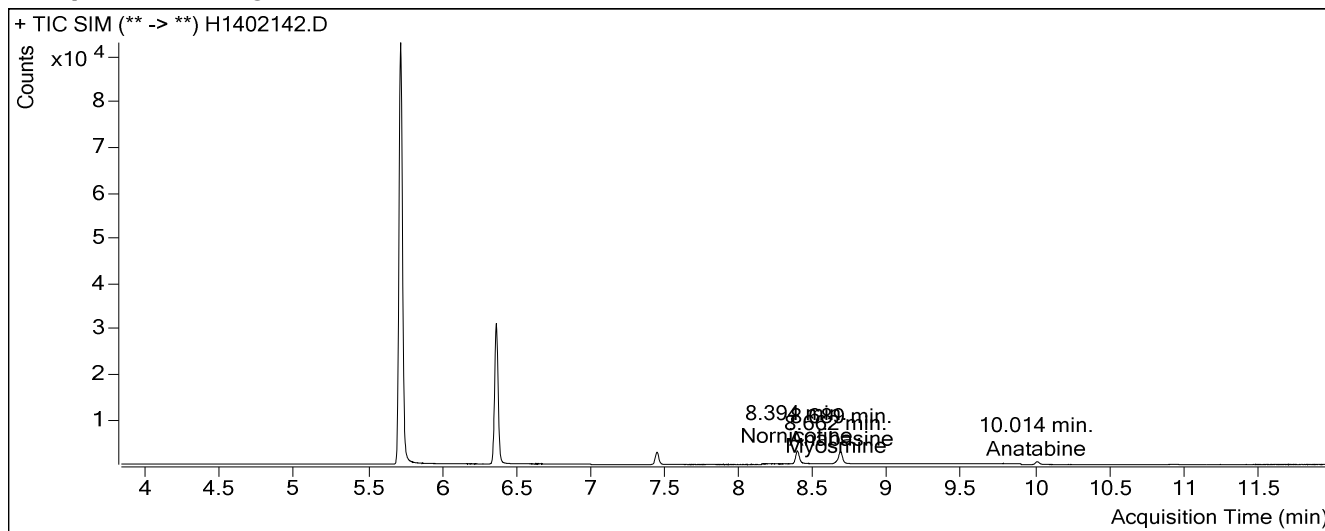
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-15 16:56 **Data File** H1402142.D
Position 13 **Sample Name** Alkaloids Cal Std#5
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Calibration **Comment** TSCStd-0060-06

Sample Chromatogram

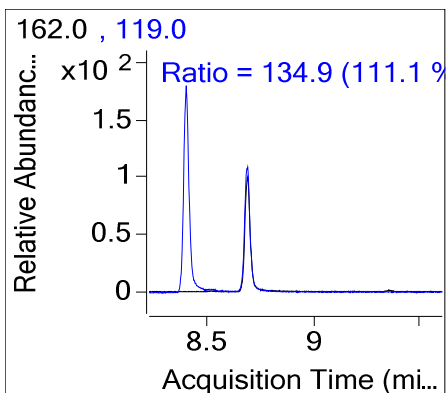
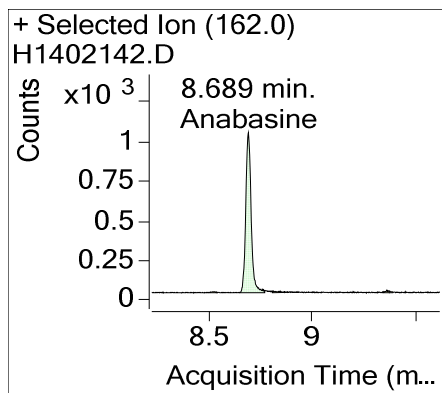
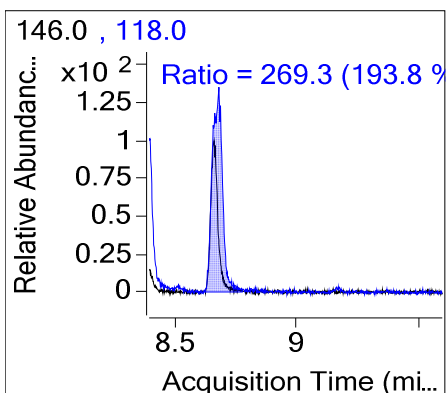
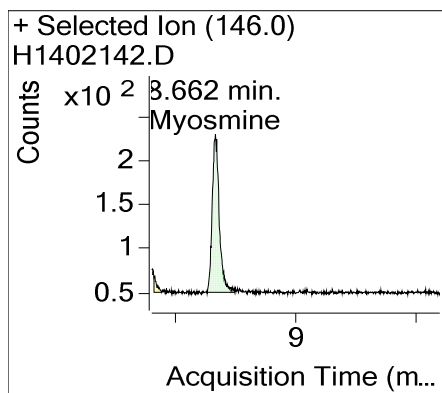
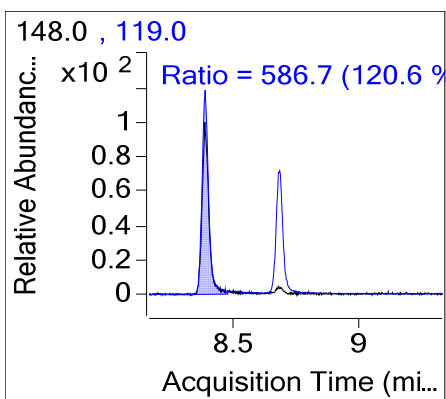
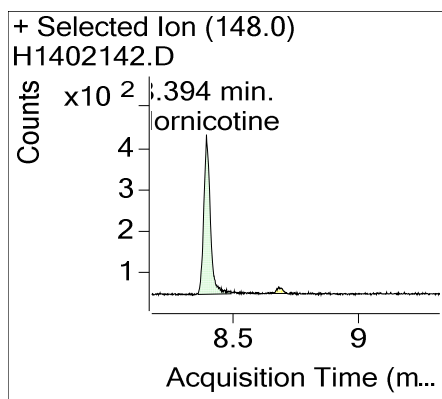
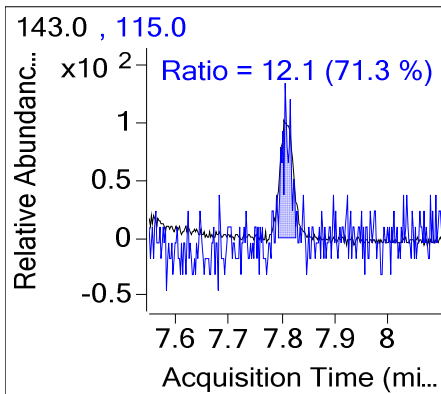
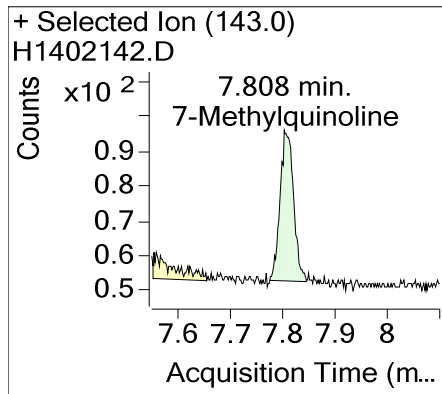


Quantitation Results

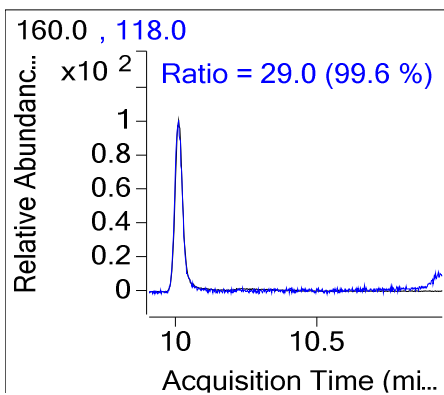
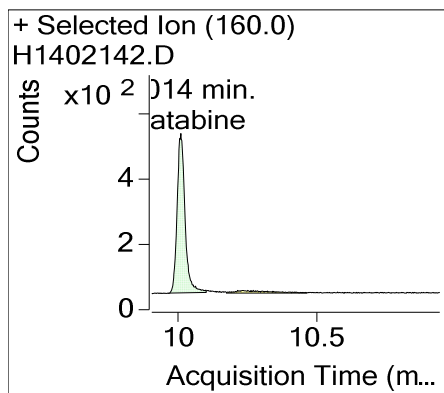
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.394	15.5121	100.73
Myosmine	7-Methylquinoline	8.662	1.6107	98.08
Anabasine	7-Methylquinoline	8.689	26.9516	102.87
Anatabine	7-Methylquinoline	10.014	12.6067	101.67

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



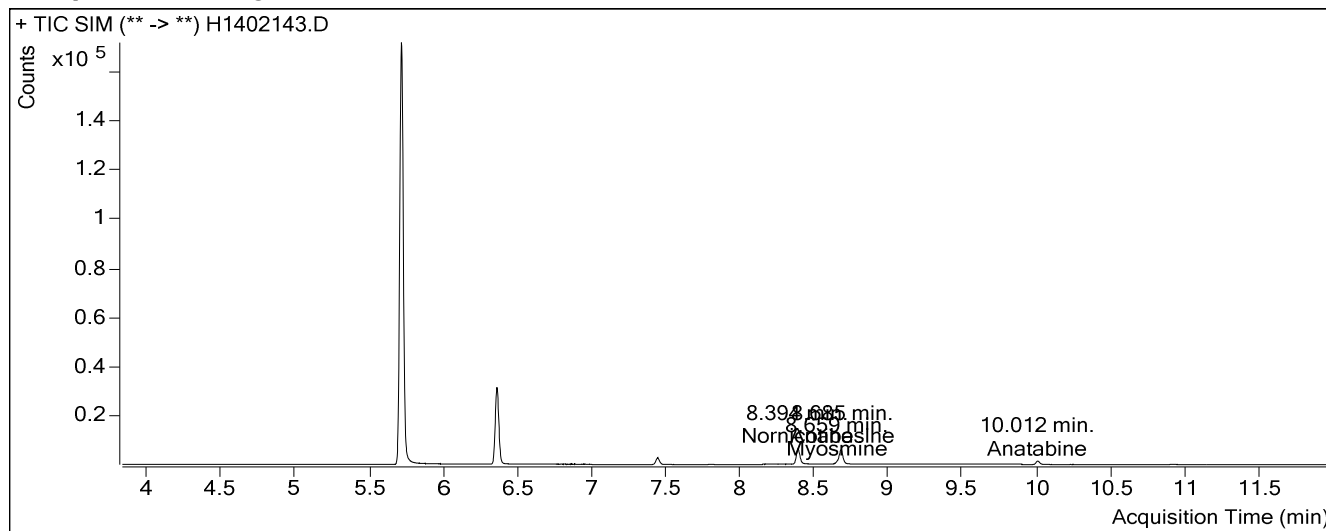
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-15 17:11 **Data File** H1402143.D
Position 14 **Sample Name** Alkaloids Cal Std#6
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Calibration **Comment** TSCStd-0060-07

Sample Chromatogram

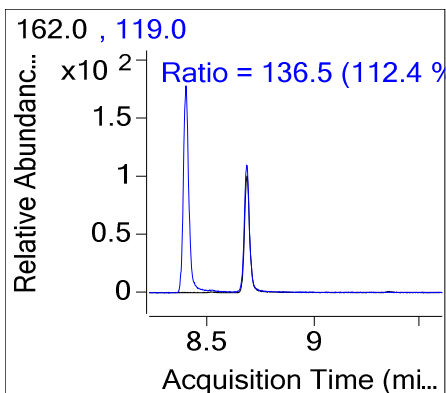
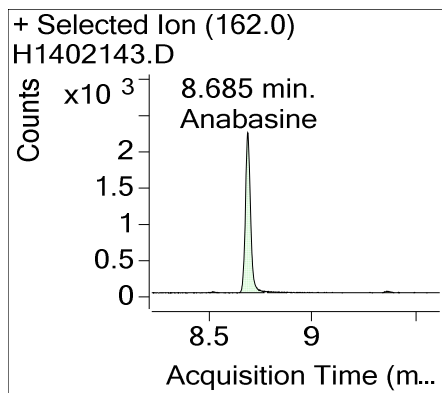
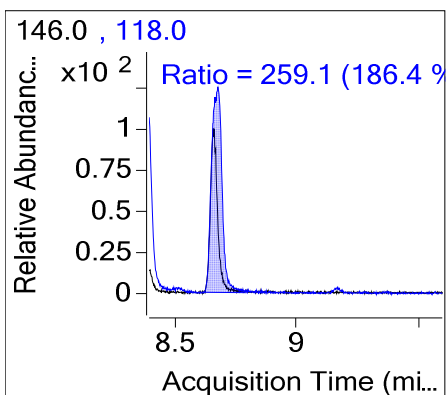
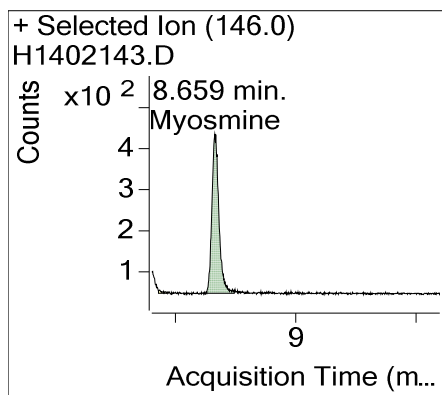
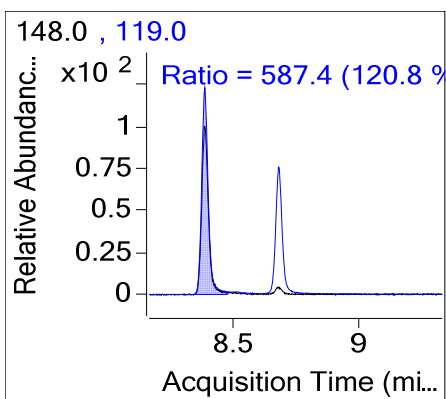
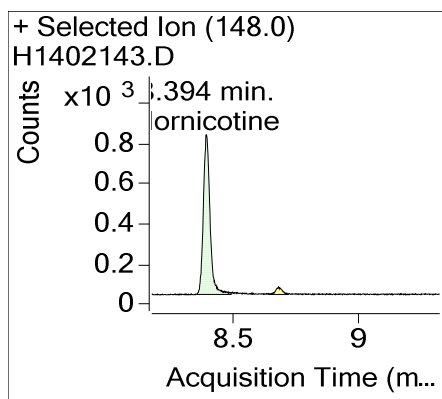
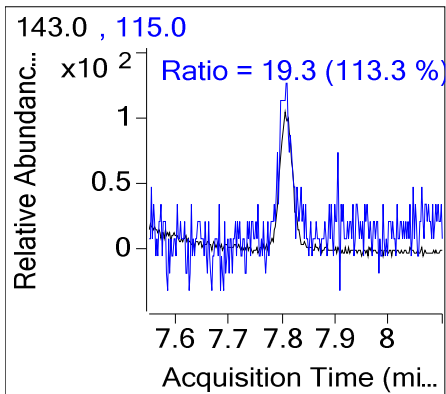
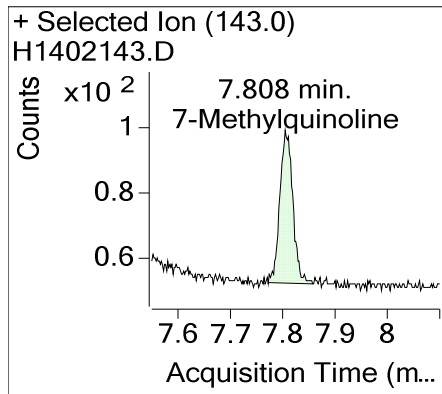


Quantitation Results

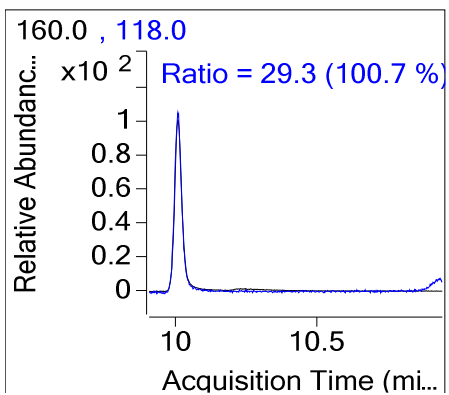
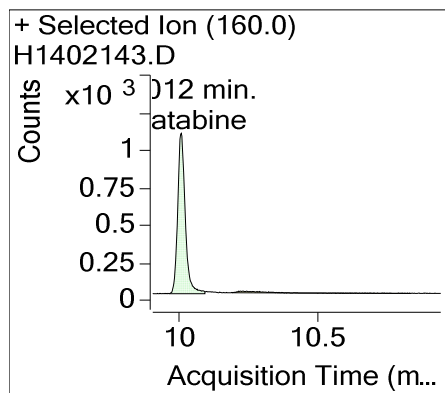
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.394	31.5475	102.43
Myosmine	7-Methylquinoline	8.659	3.2194	99.88
Anabasine	7-Methylquinoline	8.685	54.3444	103.71
Anatabine	7-Methylquinoline	10.012	25.4015	102.43

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



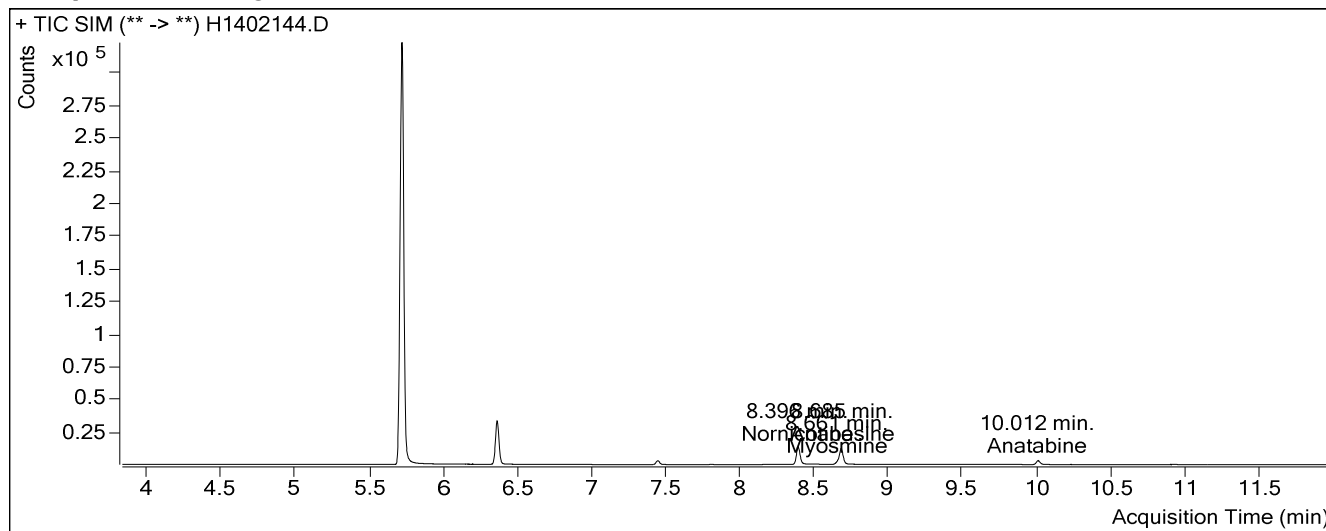
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-15 17:26 **Data File** H1402144.D
Position 15 **Sample Name** Alkaloids Cal Std#7
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Calibration **Comment** TSCStd-0060-08

Sample Chromatogram

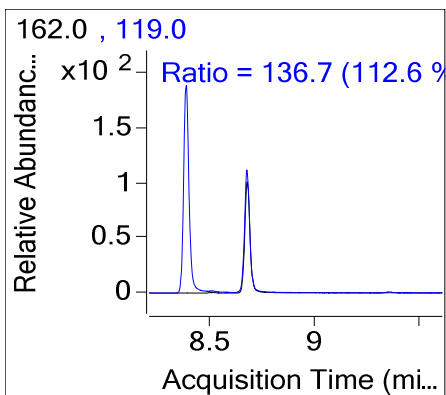
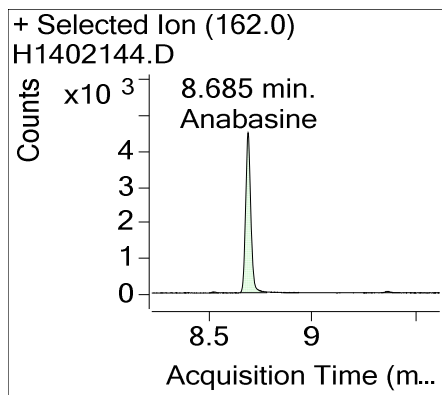
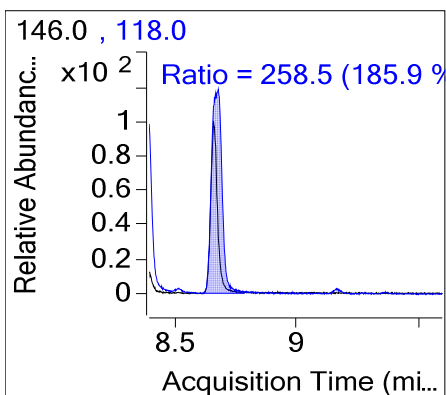
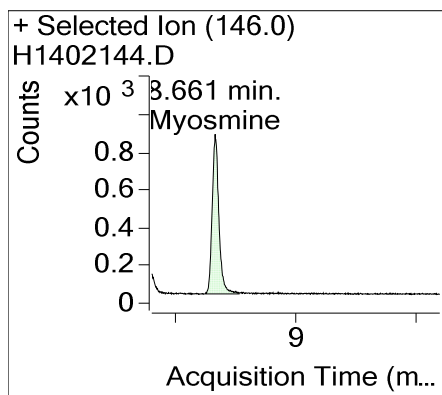
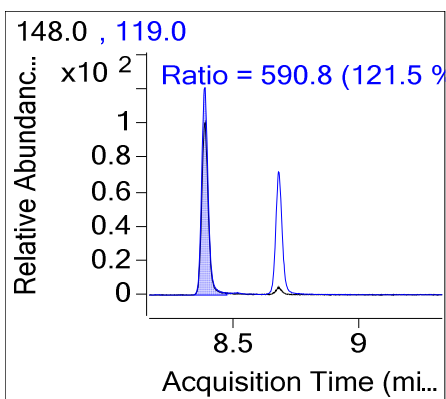
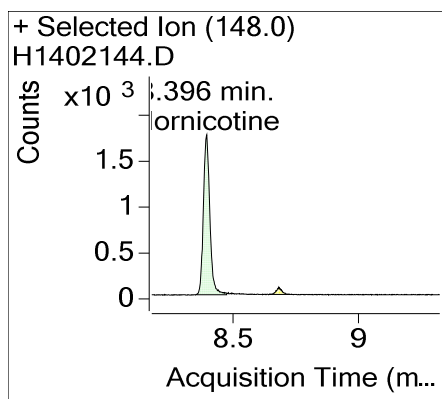
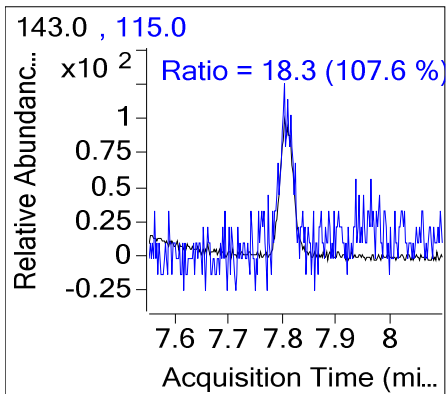
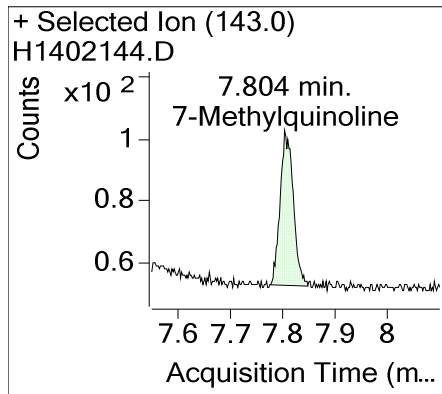


Quantitation Results

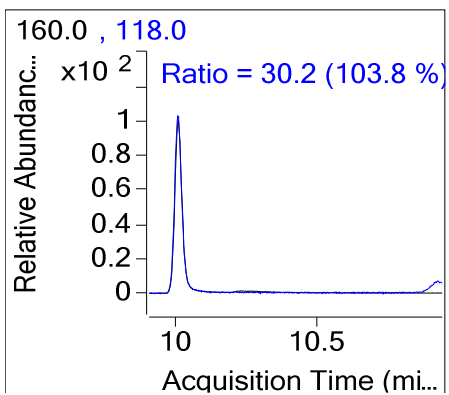
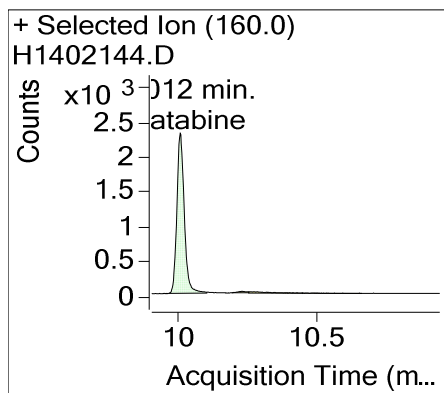
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.396	61.1121	99.37
Myosmine	7-Methylquinoline	8.661	6.0628	100.82
Anabasine	7-Methylquinoline	8.685	102.2506	97.47
Anatabine	7-Methylquinoline	10.012	48.7821	98.35

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



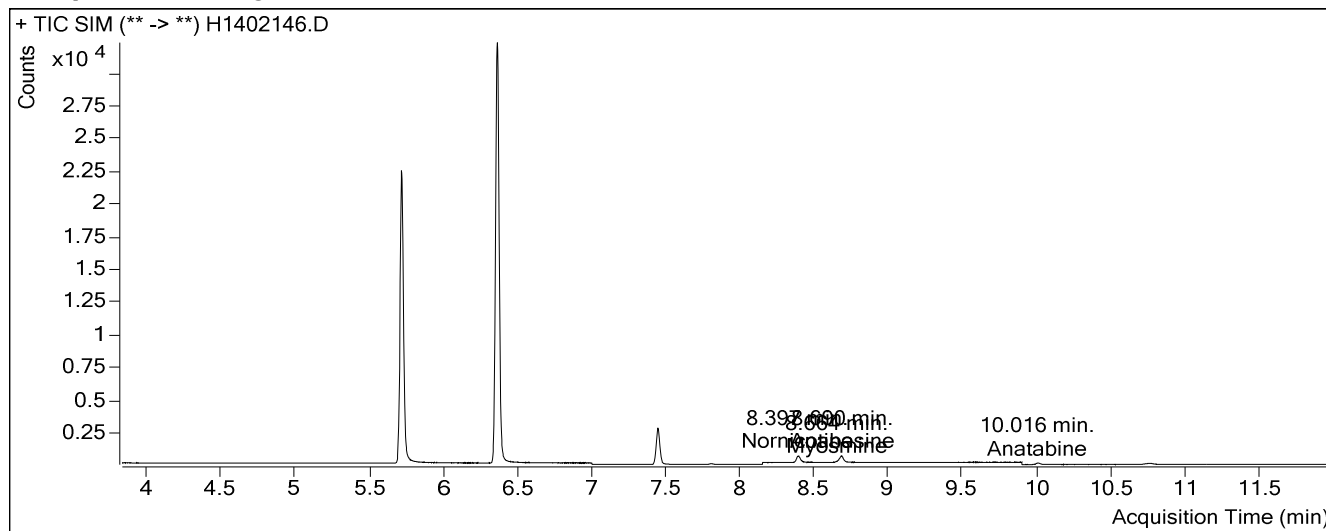
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-15 17:50 **Data File** H1402146.D
Position 10 **Sample Name** Alkaloids Cal Std#2
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Calibration **Comment** TSCStd-0060-03

Sample Chromatogram

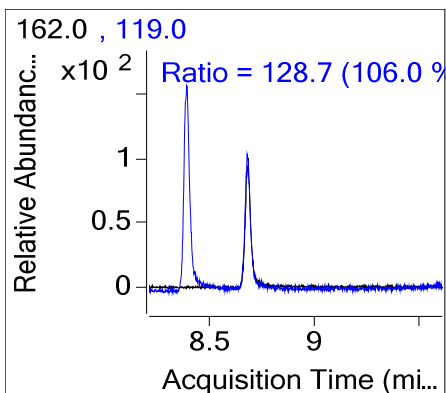
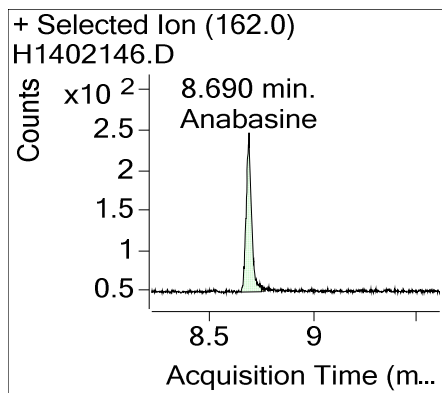
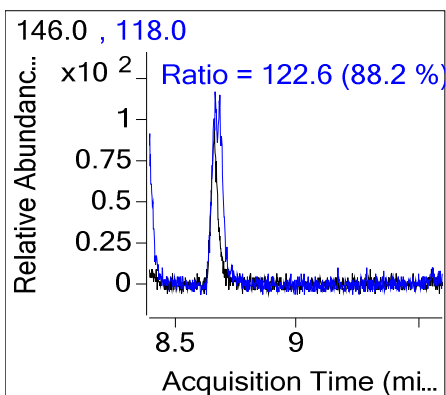
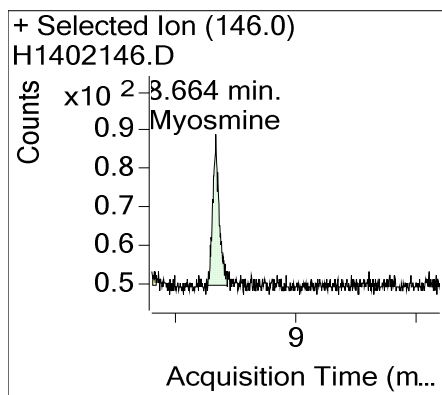
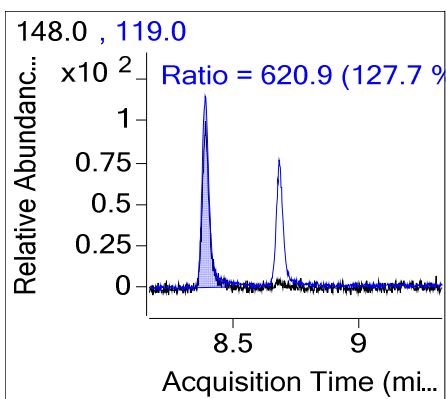
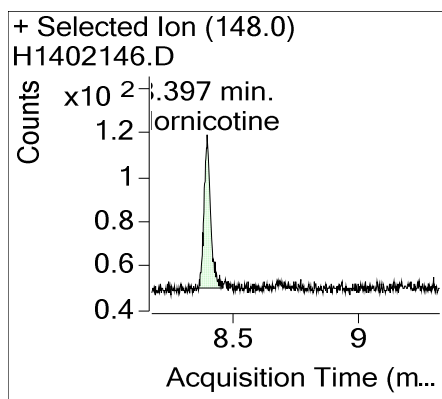
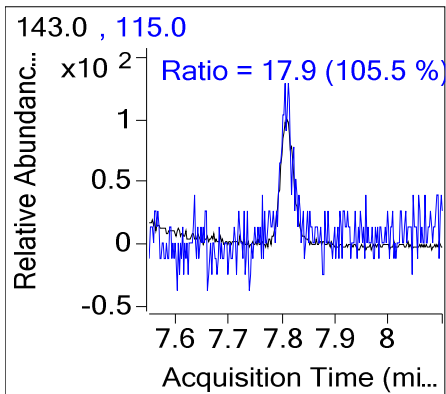
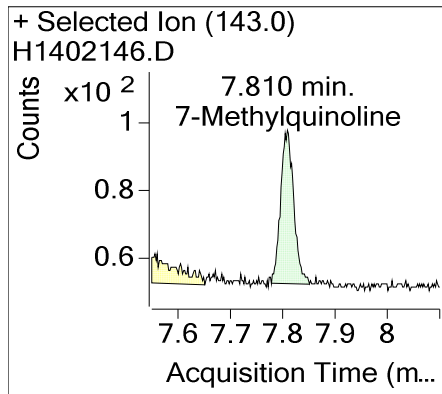


Quantitation Results

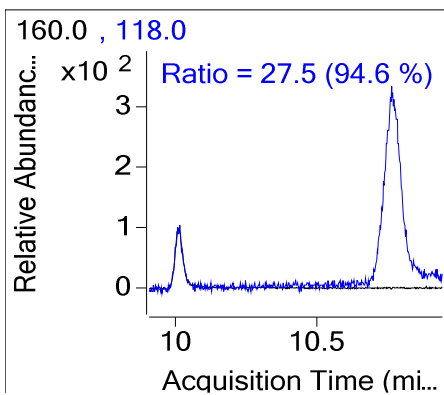
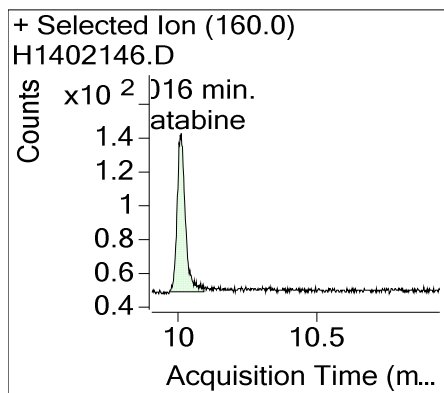
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.397	3.0218	98.21
Myosmine	7-Methylquinoline	8.664	0.3856	100.74
Anabasine	7-Methylquinoline	8.690	5.2249	99.64
Anatabine	7-Methylquinoline	10.016	2.5120	101.21

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



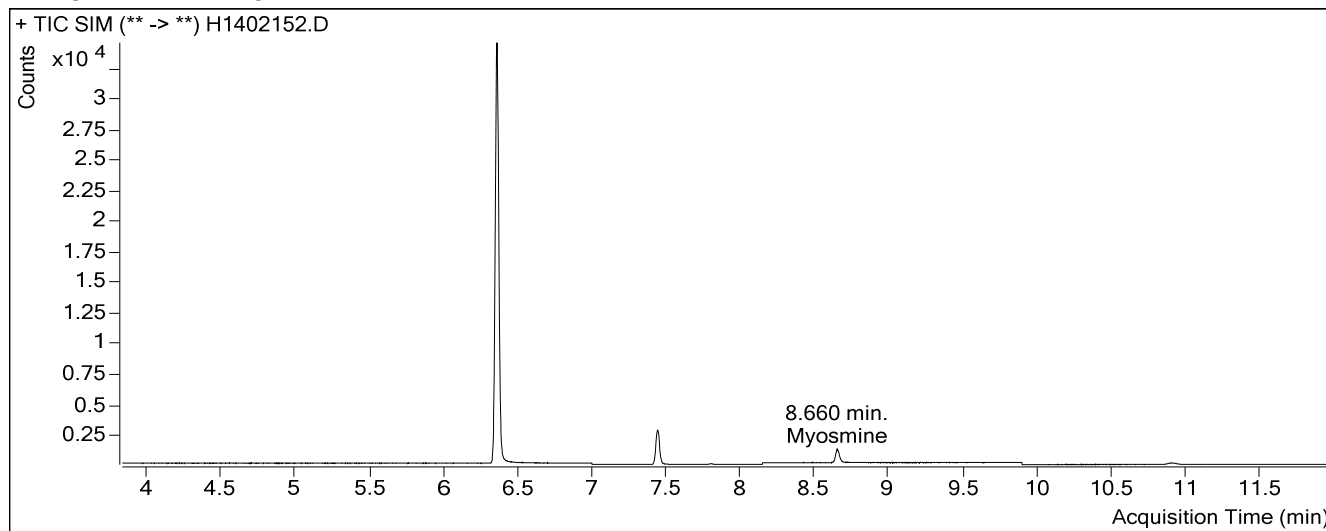
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-15 19:24 **Data File** H1402152.D
Position 8 **Sample Name** Myosmine SS
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type CC **Comment** TSCStd-0060-01

Sample Chromatogram

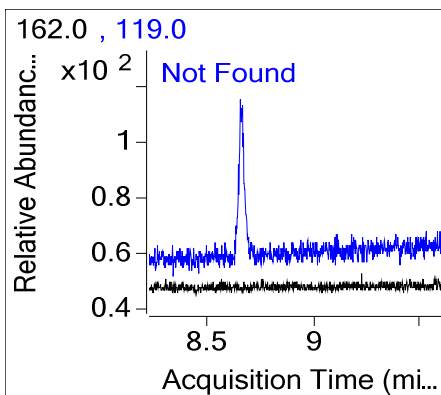
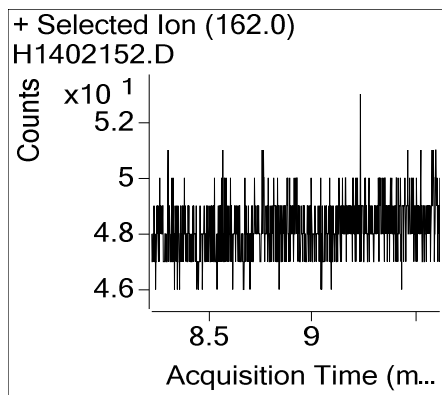
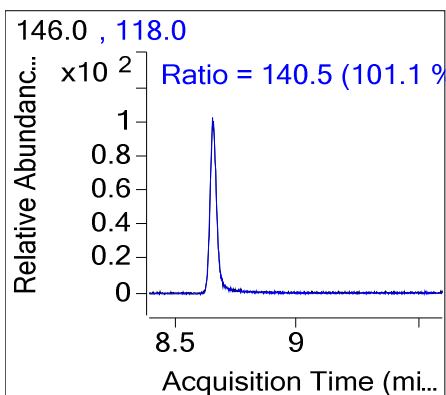
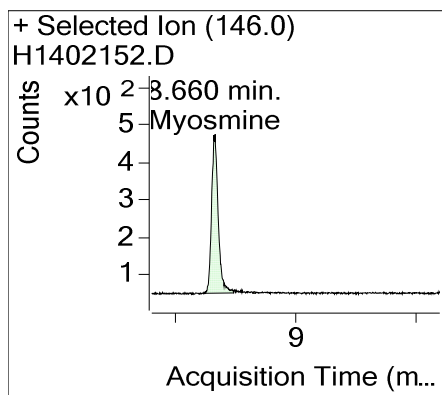
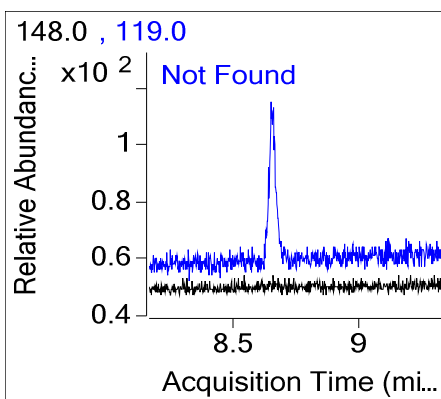
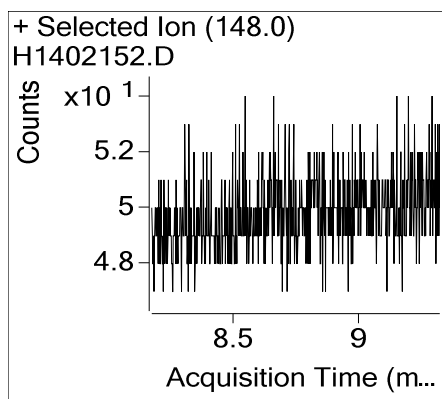
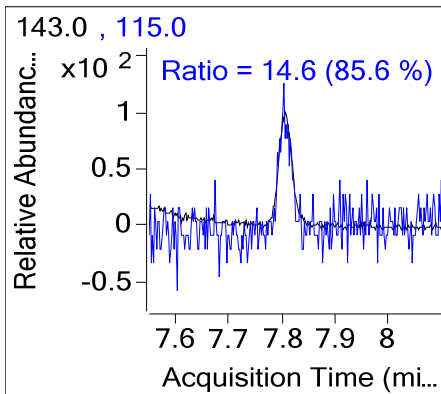
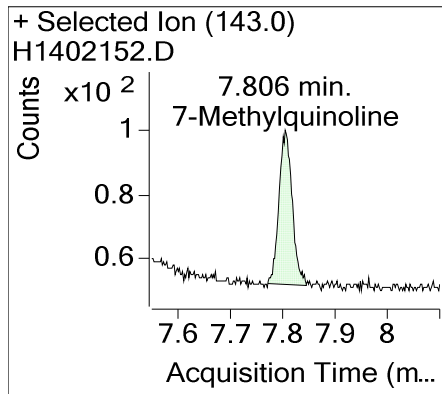


Quantitation Results

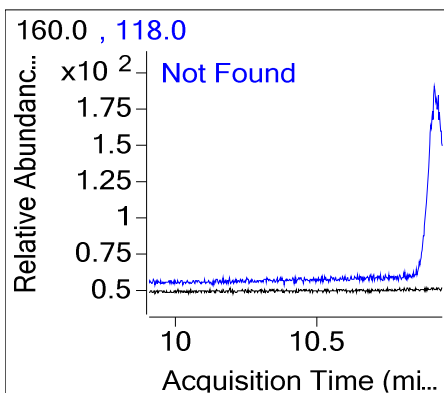
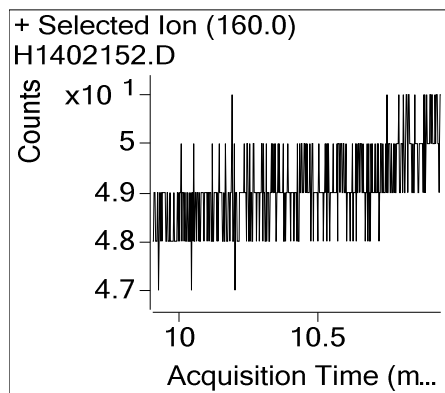
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Myosmine	7-Methylquinoline	8.660	3.2046	95.94

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



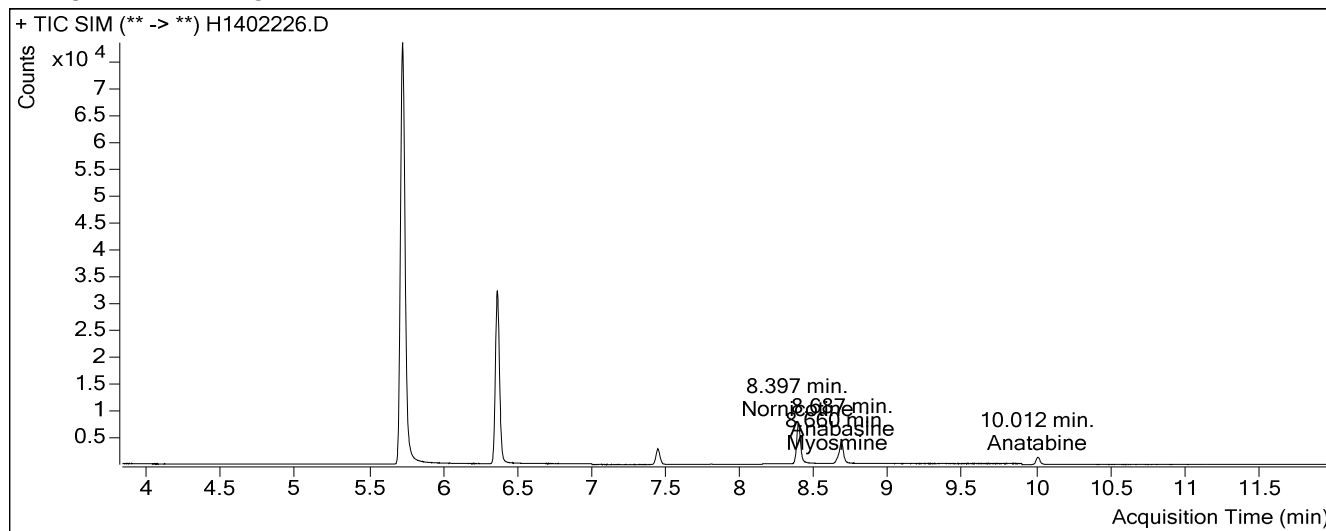
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-16 16:34 **Data File** H1402226.D
Position 31 **Sample Name** Alkaloids SS
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type QC **Comment** TSCStd-0060-03

Sample Chromatogram

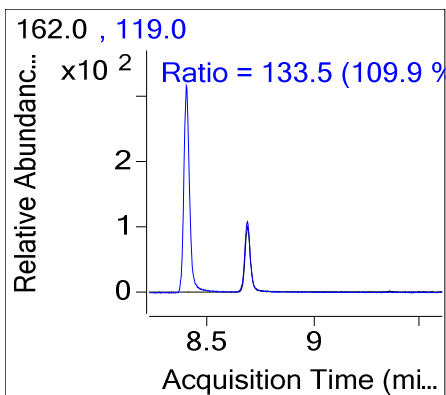
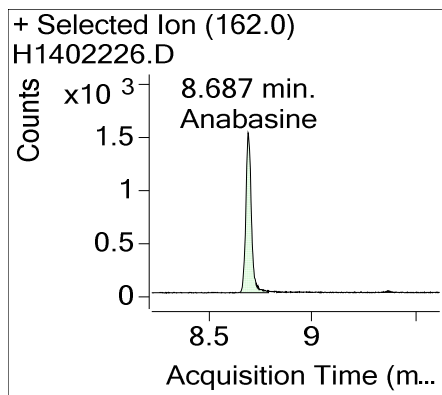
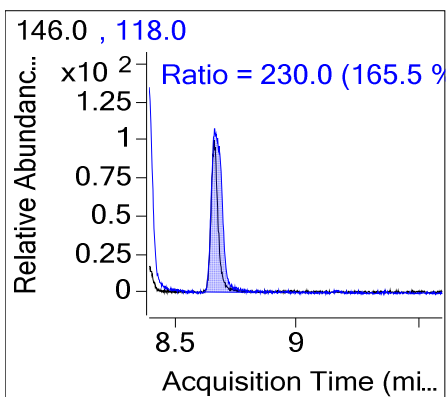
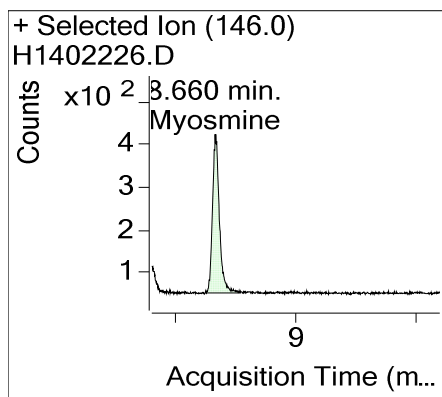
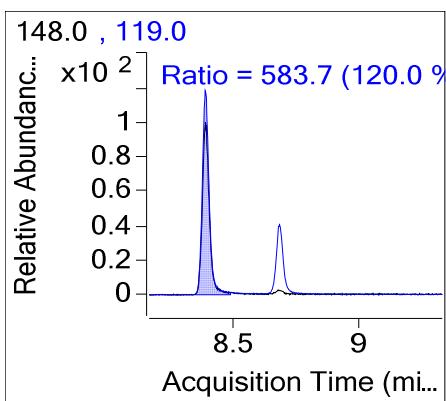
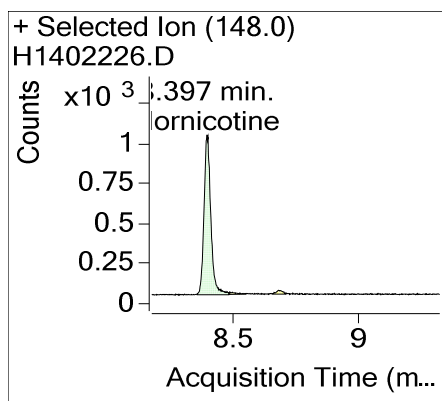
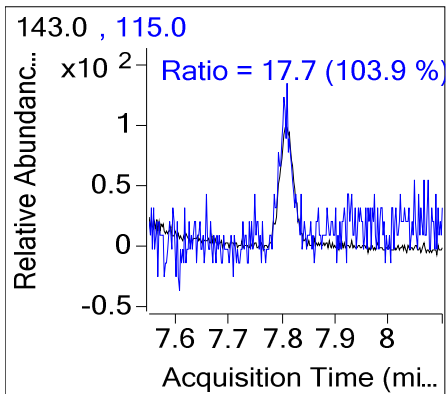
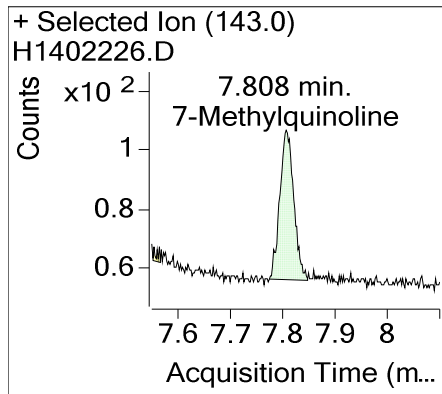


Quantitation Results

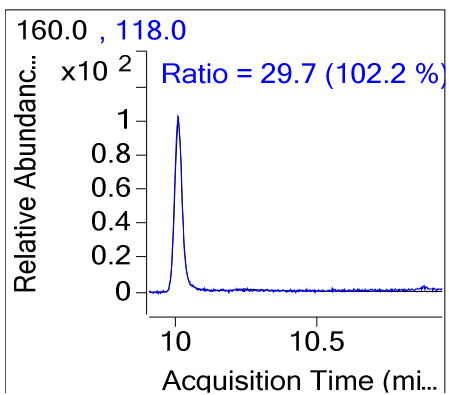
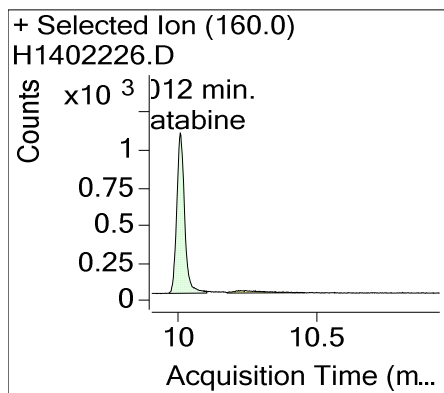
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.397	34.0033	123.70
Myosmine	7-Methylquinoline	8.660	2.5900	259.00
Anabasine	7-Methylquinoline	8.687	33.5438	110.20
Anatabine	7-Methylquinoline	10.012	22.0846	110.26

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



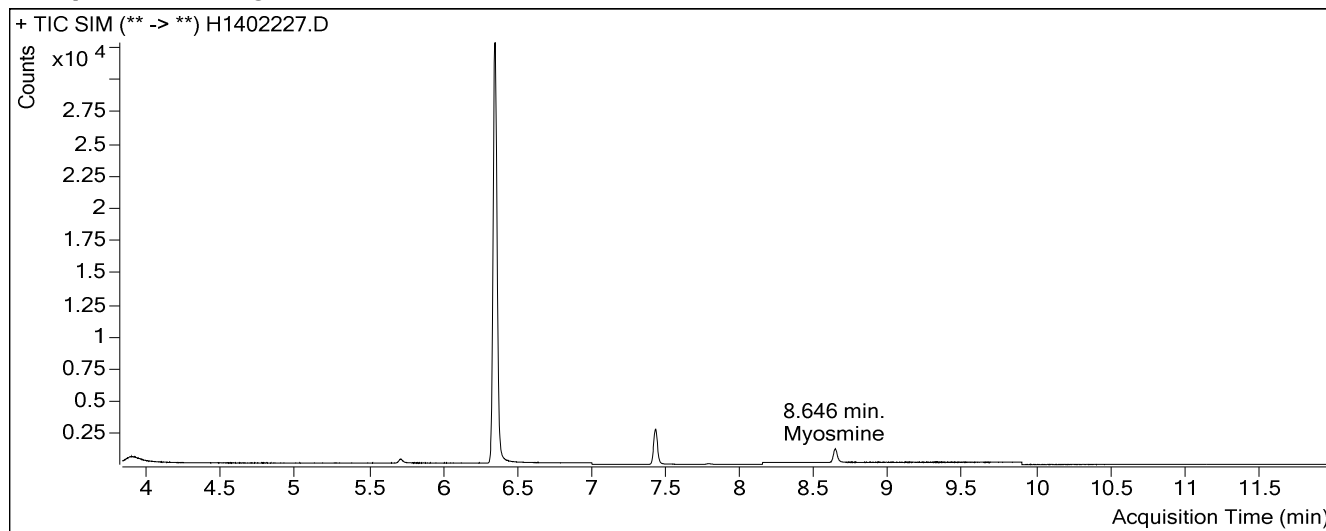
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-21 15:45 **Data File** H1402227.D
Position 21 **Sample Name** Myosmine Cal Std#4
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type QC **Comment** TSCStd-0058-07

Sample Chromatogram

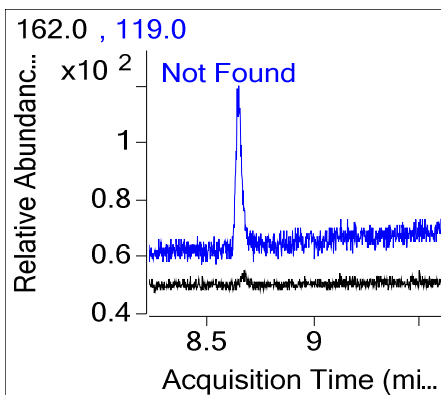
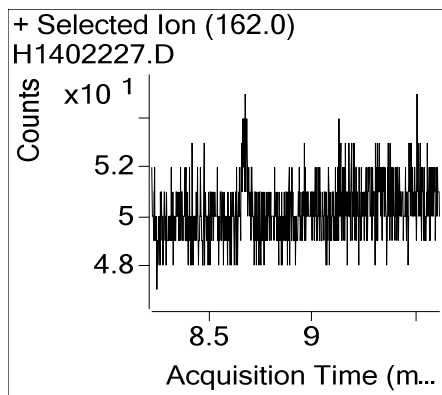
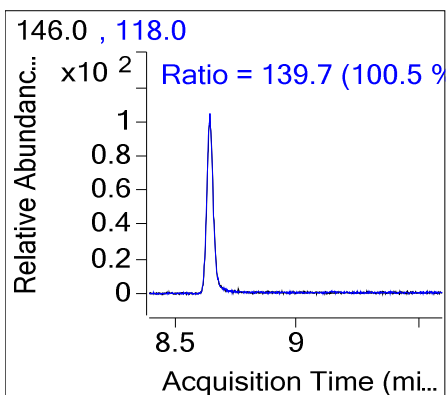
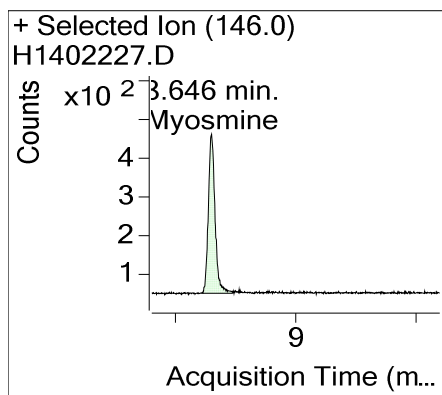
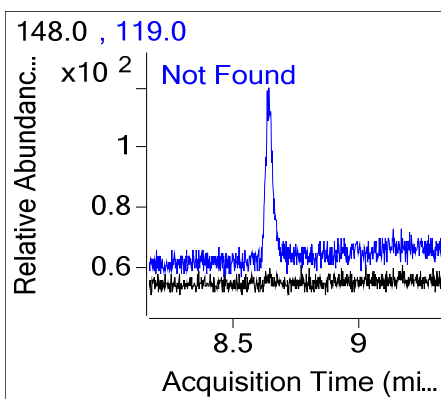
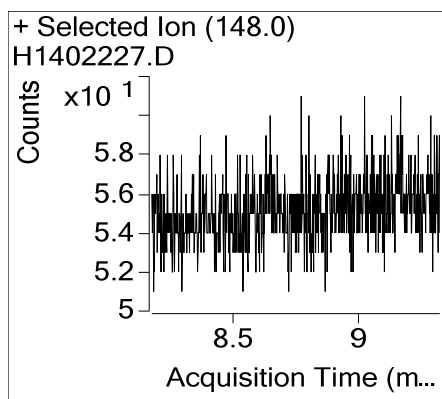
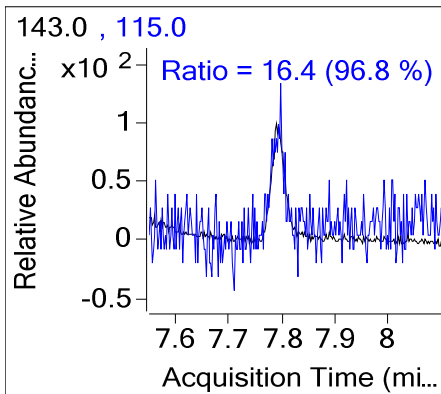
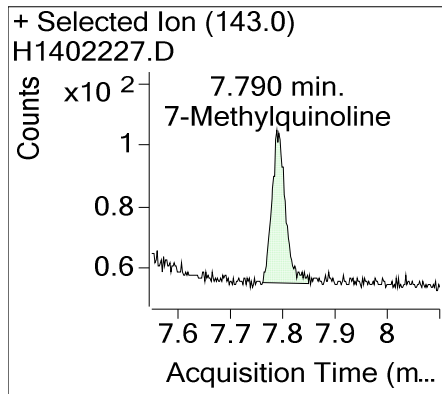


Quantitation Results

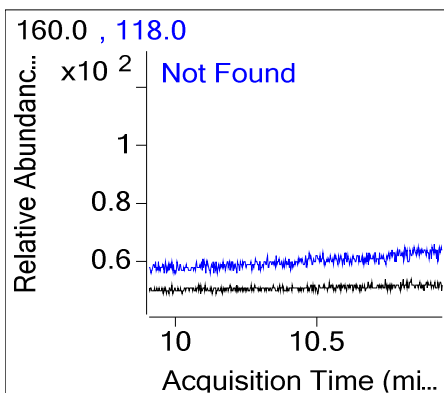
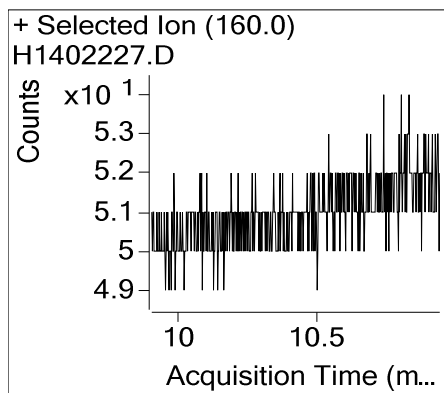
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Myosmine	7-Methylquinoline	8.646	2.9752	97.08

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



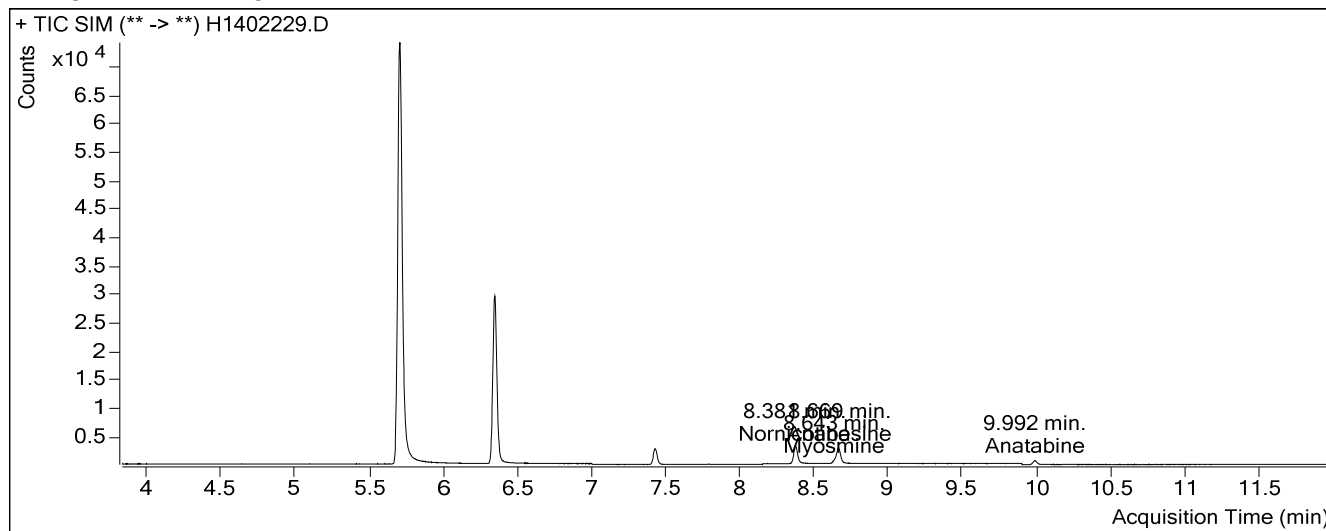
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EA\INC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EA\INC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-21 16:15 **Data File** H1402229.D
Position 22 **Sample Name** Alkaloids Cal Std#5
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type QC **Comment** TSCStd-0059-06

Sample Chromatogram

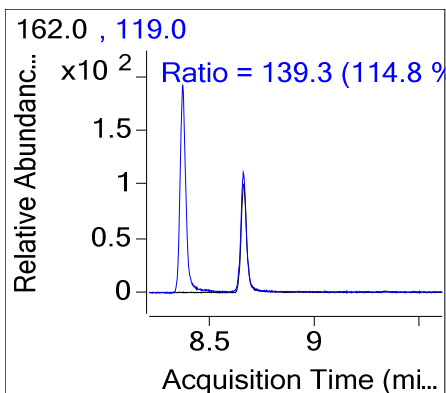
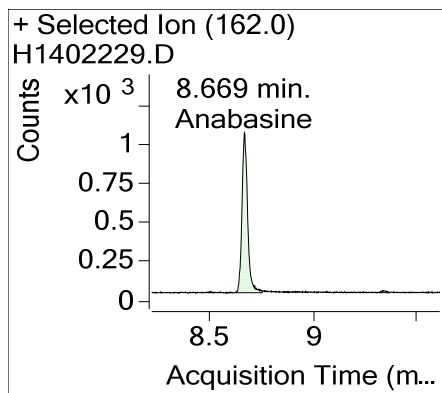
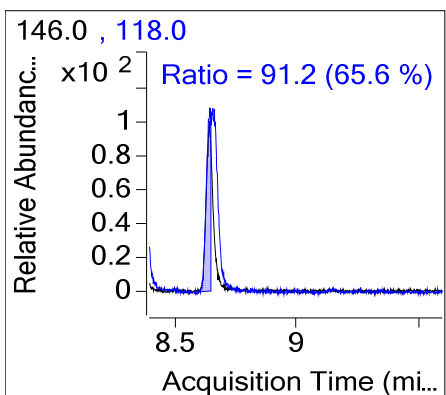
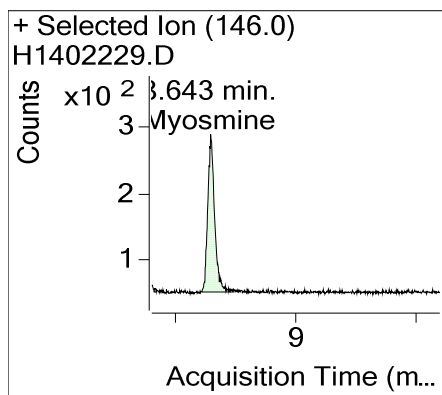
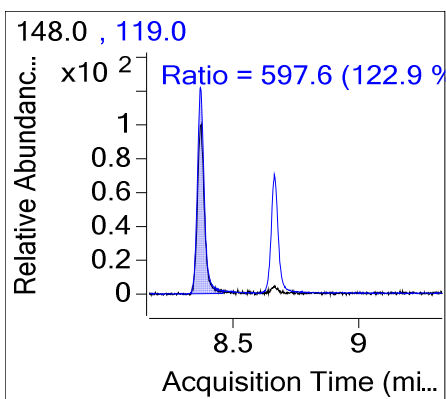
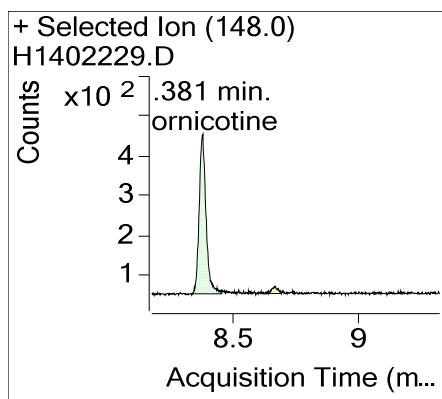
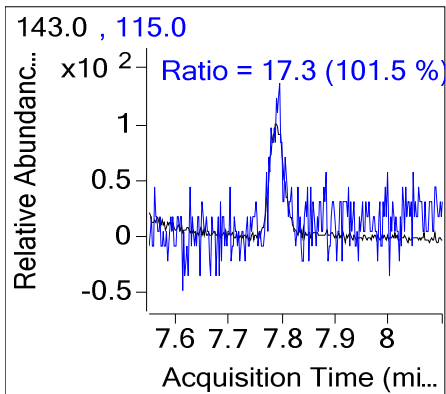
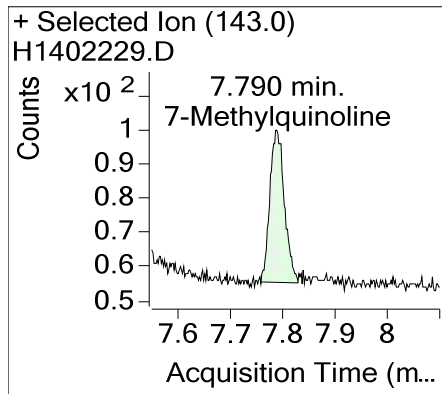


Quantitation Results

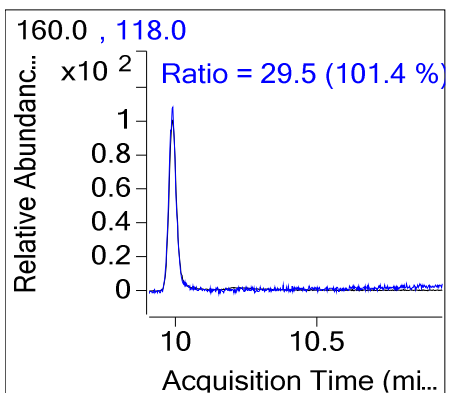
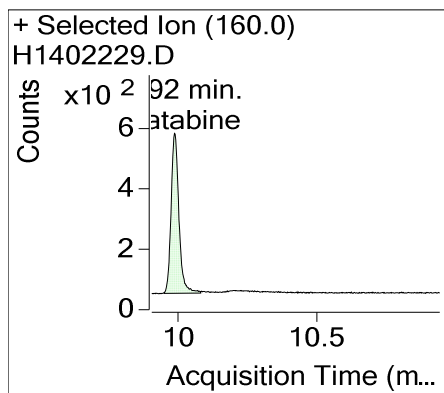
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.381	15.3777	99.86
Myosmine	7-Methylquinoline	8.643	1.8424	112.19
Anabasine	7-Methylquinoline	8.669	25.6413	97.87
Anatabine	7-Methylquinoline	9.992	12.2419	98.73

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



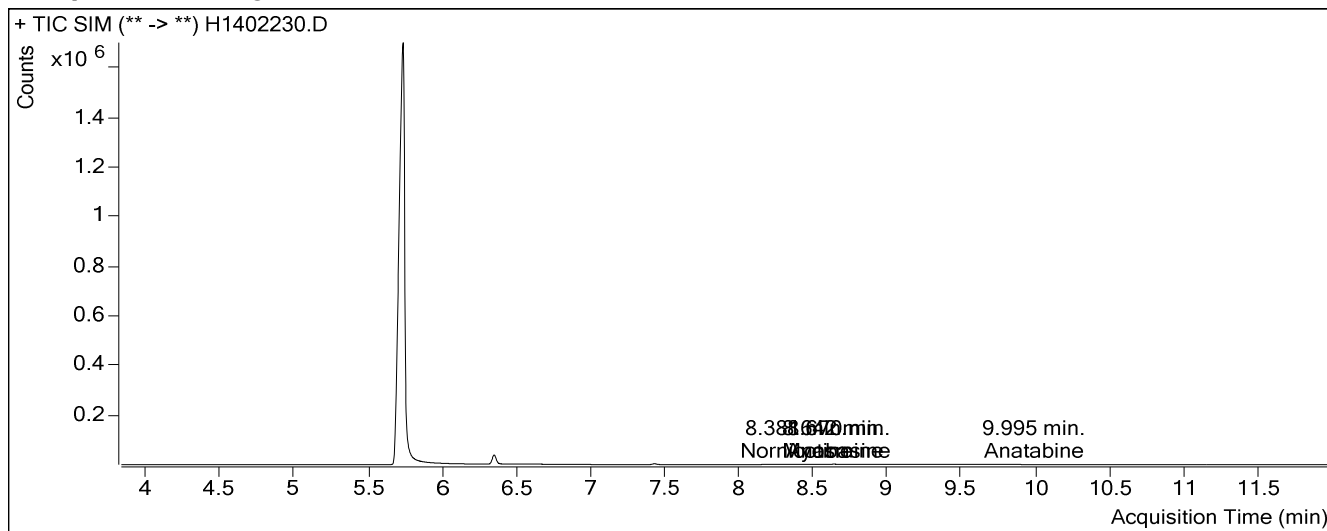
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-21 17:11 **Data File** H1402230.D
Position 31 **Sample Name** 0714-63-01
Dilution 100 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Sample **Comment**

Sample Chromatogram

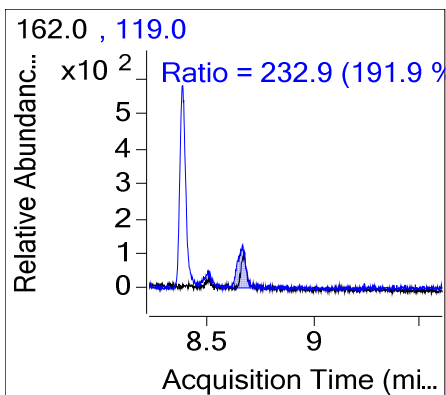
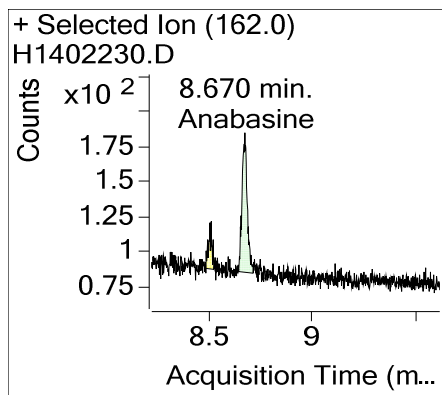
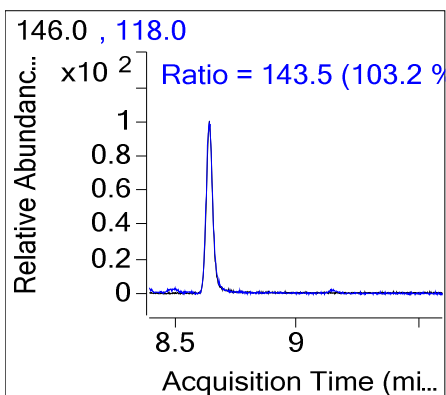
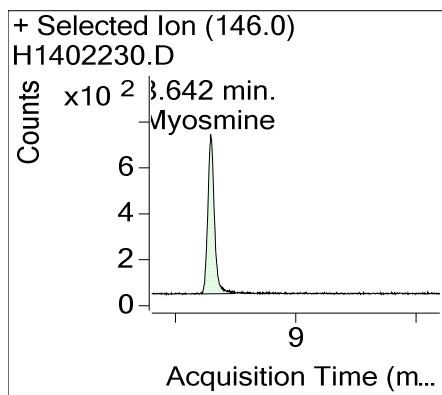
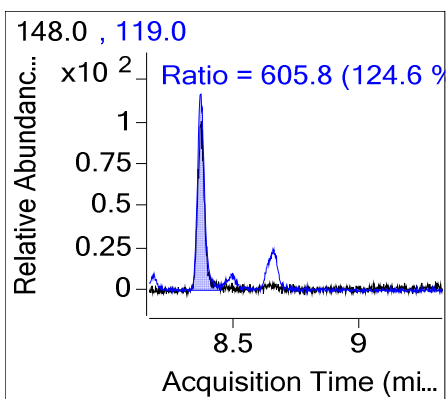
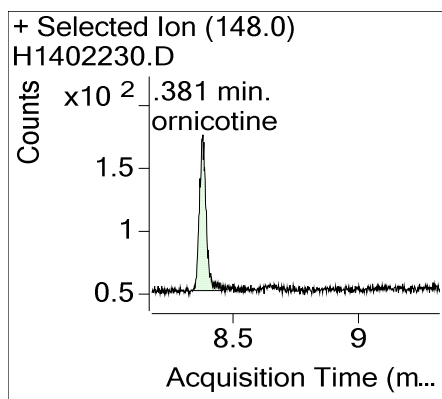
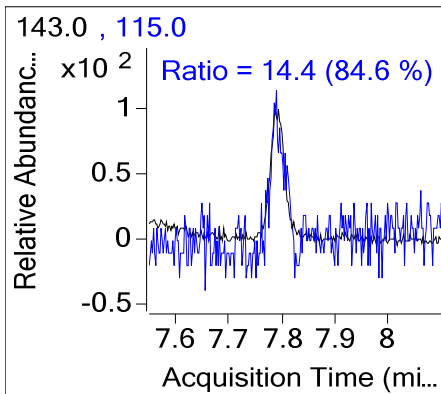
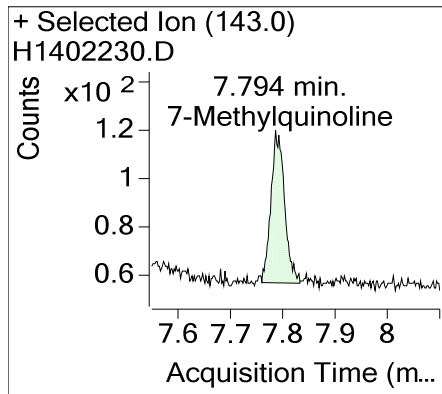


Quantitation Results

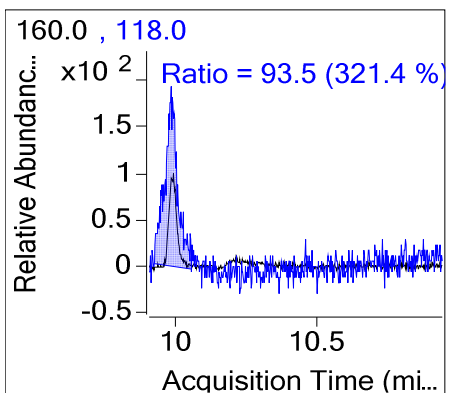
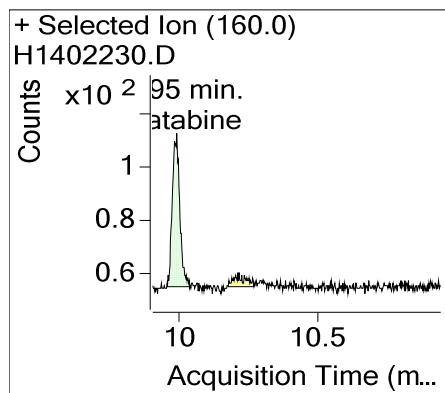
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.381	384.4609	
Myosmine	7-Methylquinoline	8.642	382.2881	
Anabasine	7-Methylquinoline	8.670	192.3512	
Anatabine	7-Methylquinoline	9.995	106.5551	

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



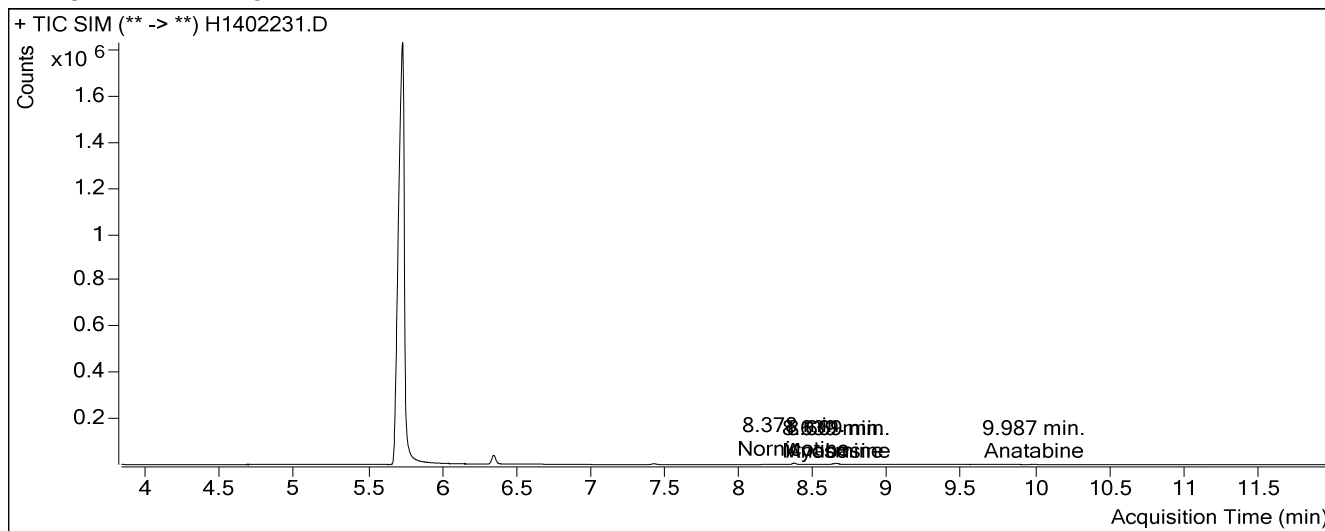
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-21 17:26 **Data File** H1402231.D
Position 32 **Sample Name** 0714-63-01MS
Dilution **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Sample **Comment**

Sample Chromatogram

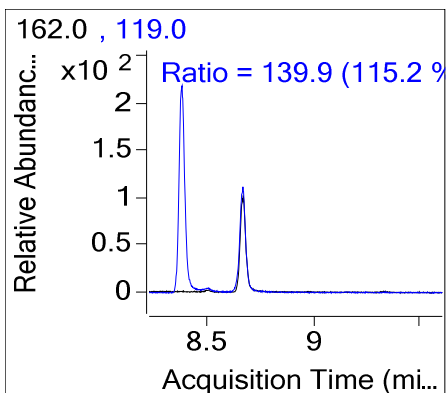
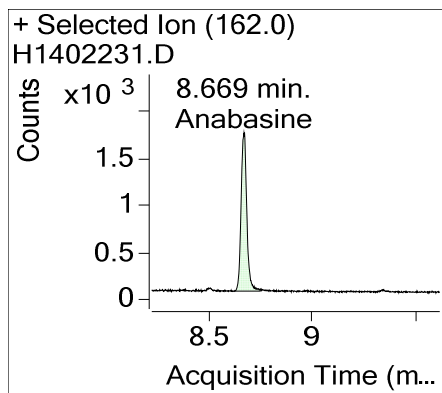
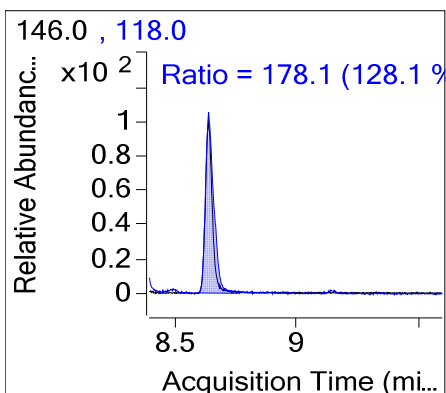
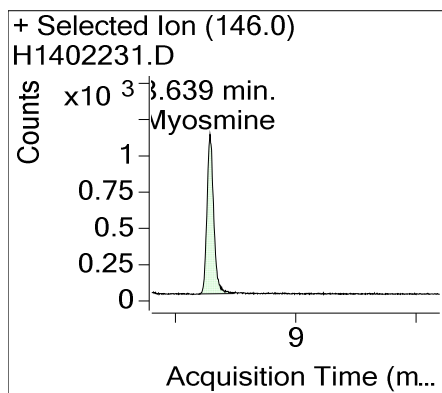
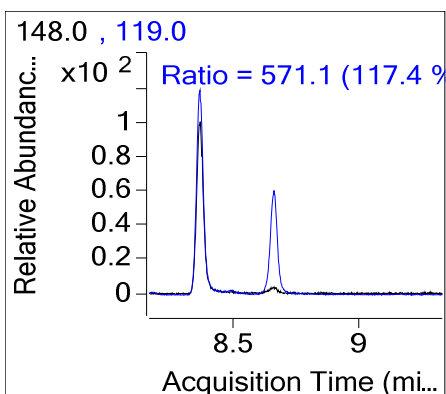
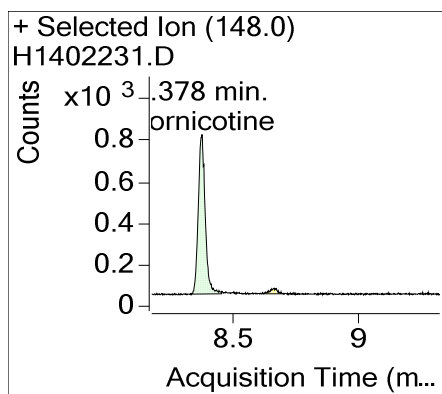
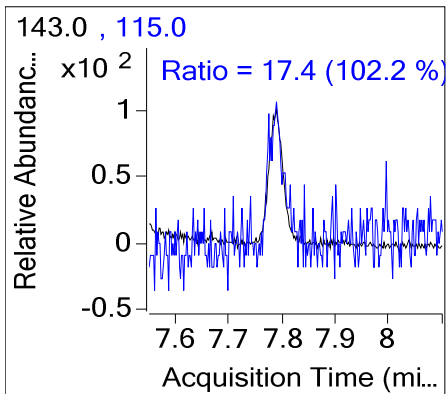
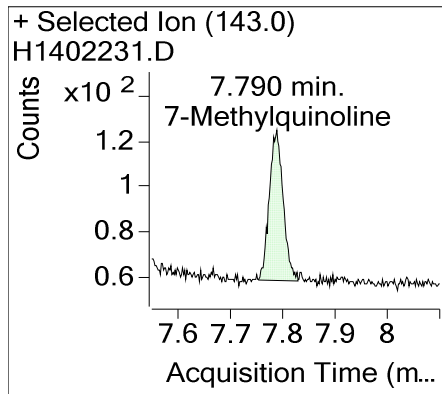


Quantitation Results

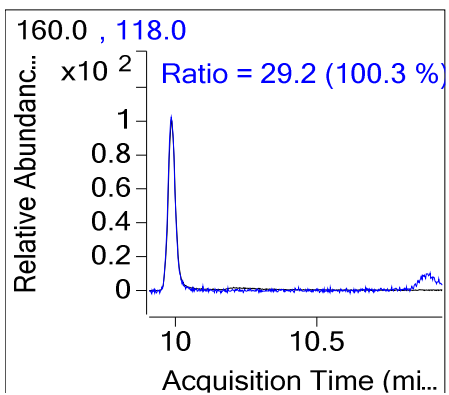
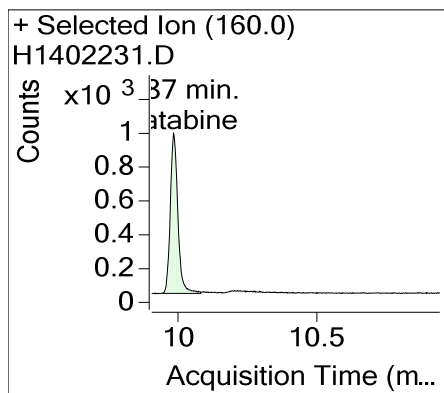
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.378	21.0533	
Myosmine	7-Methylquinoline	8.639	5.7157	
Anabasine	7-Methylquinoline	8.669	30.1070	
Anatabine	7-Methylquinoline	9.987	14.6806	

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



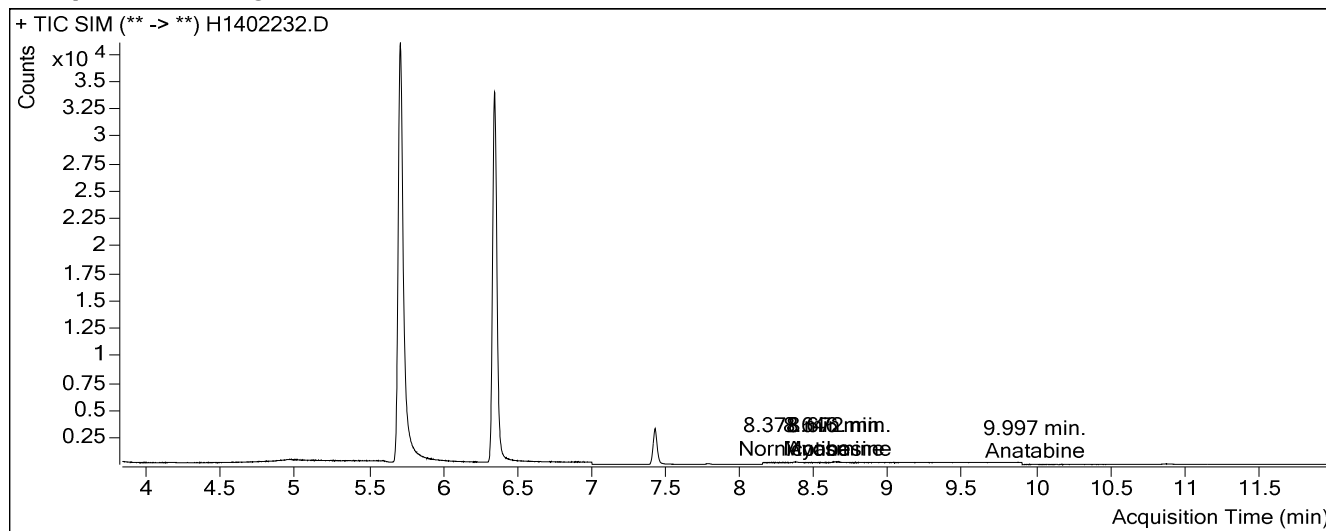
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-21 17:42 **Data File** H1402232.D
Position 33 **Sample Name** 0714-63 Blank
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Sample **Comment**

Sample Chromatogram

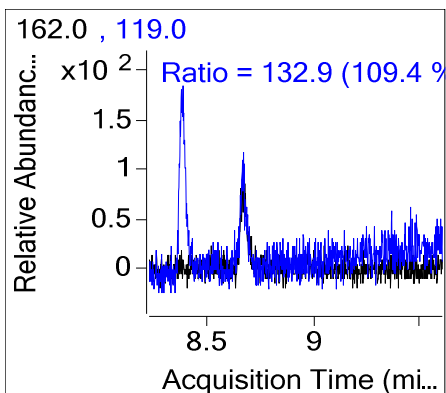
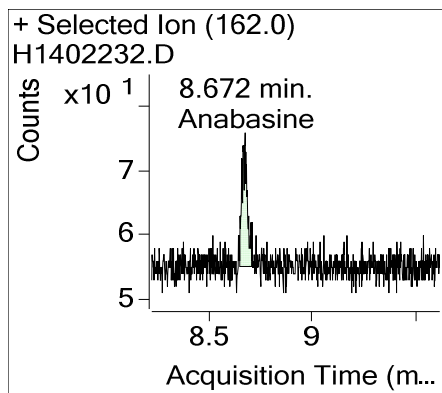
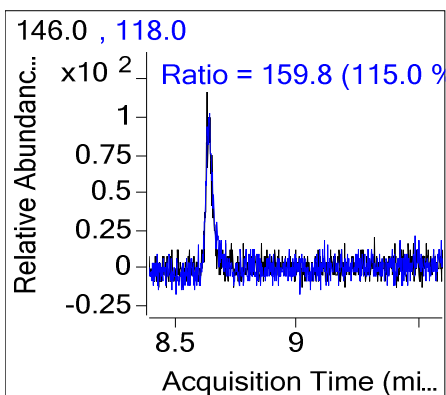
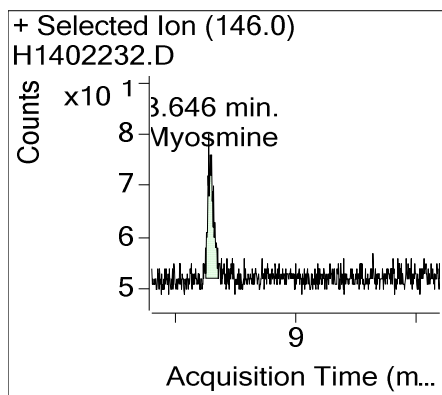
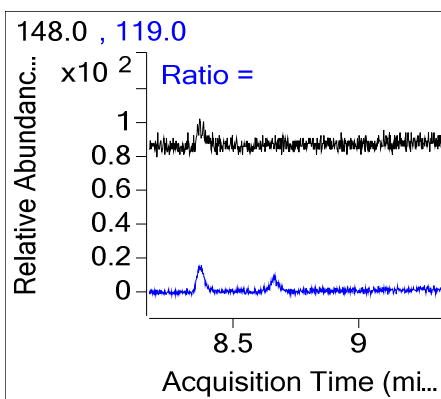
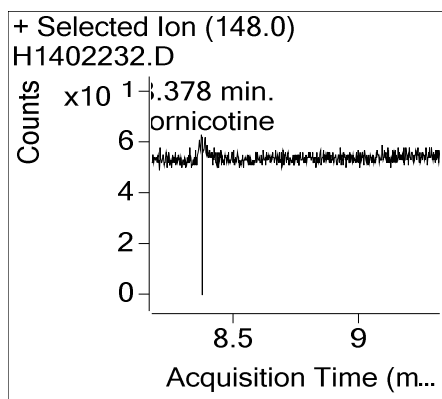
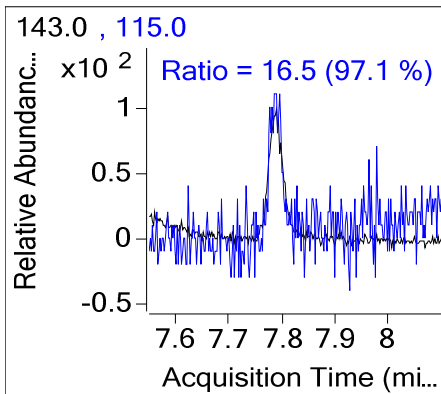
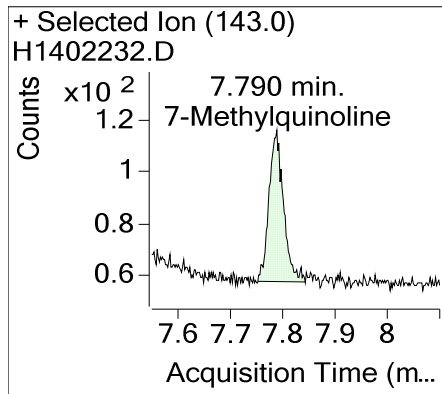


Quantitation Results

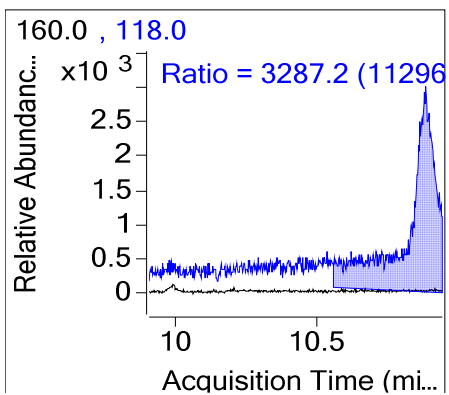
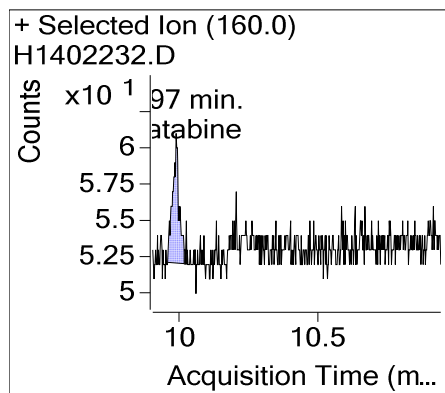
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.378	0.0000	
Myosmine	7-Methylquinoline	8.646	0.2108	
Anabasine	7-Methylquinoline	8.672	0.5771	
Anatabine	7-Methylquinoline	9.997	0.2303	

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



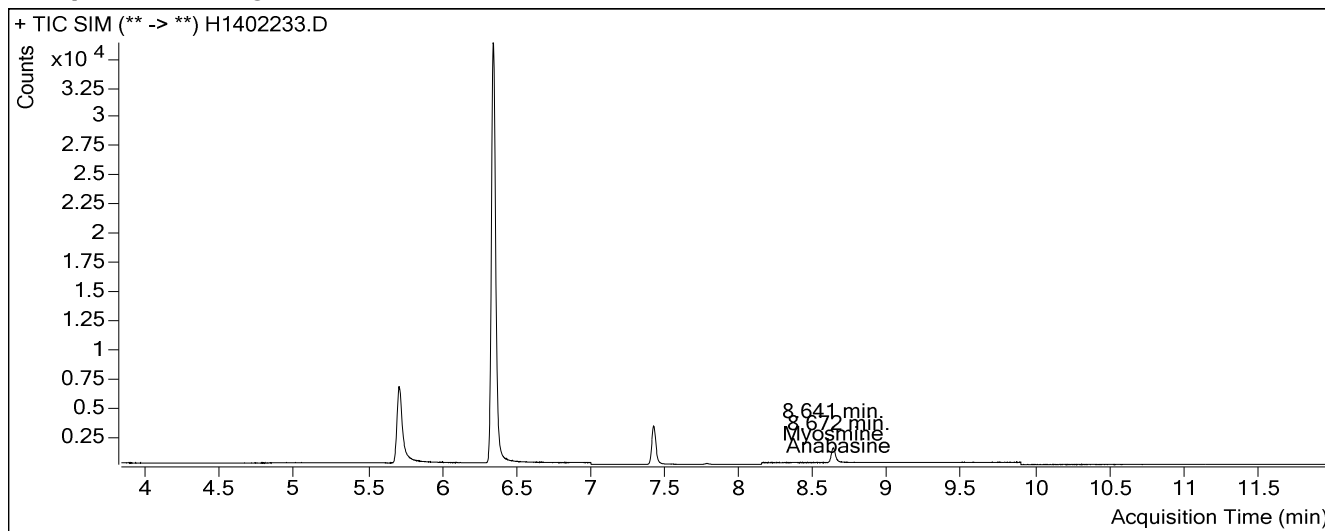
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-21 17:57 **Data File** H1402233.D
Position 21 **Sample Name** Myosmine Cal Std#4
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type QC **Comment** TSCStd-0058-07

Sample Chromatogram

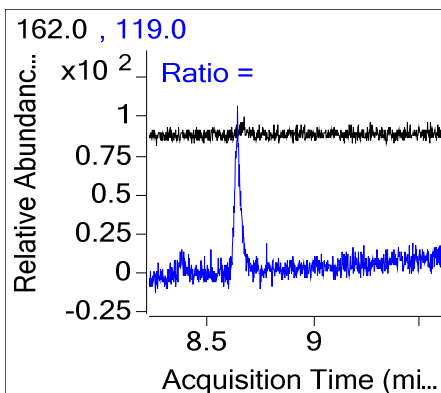
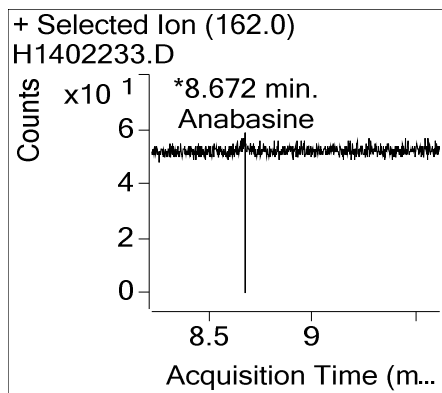
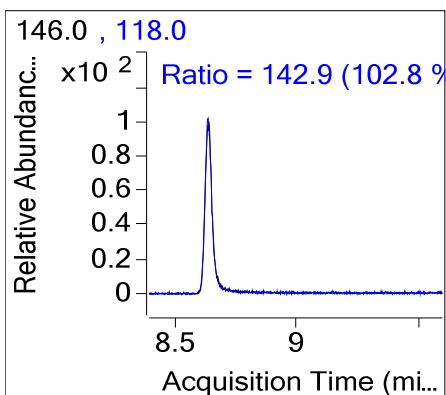
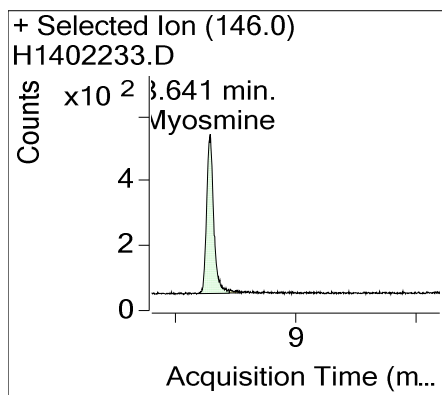
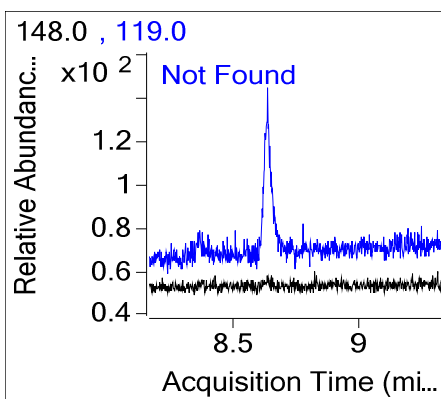
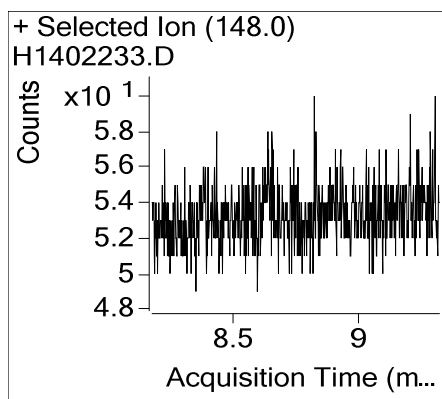
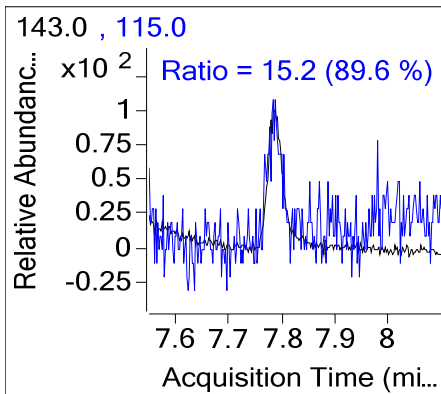
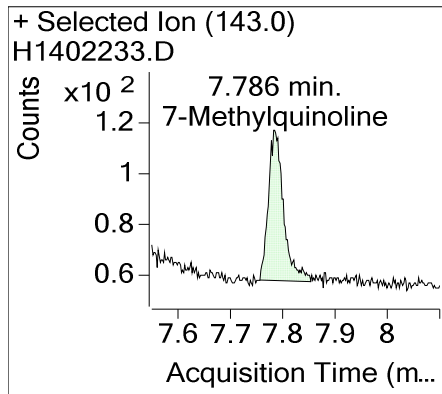


Quantitation Results

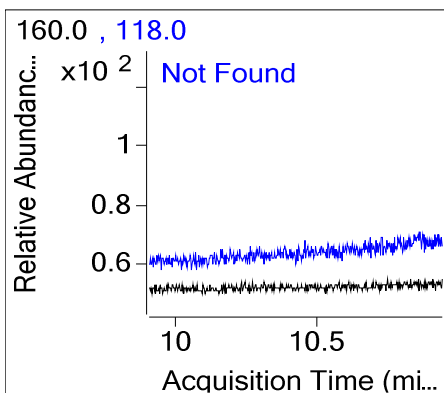
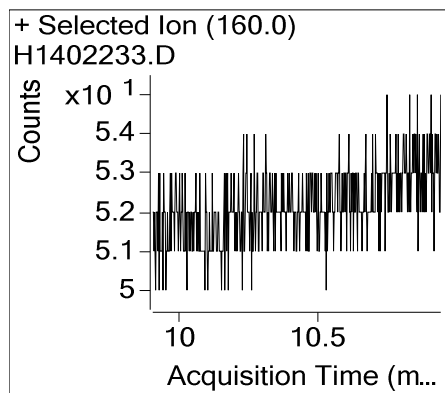
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Myosmine	7-Methylquinoline	8.641	2.8062	91.57
Anabasine	7-Methylquinoline	8.672	0.0000	0.00

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



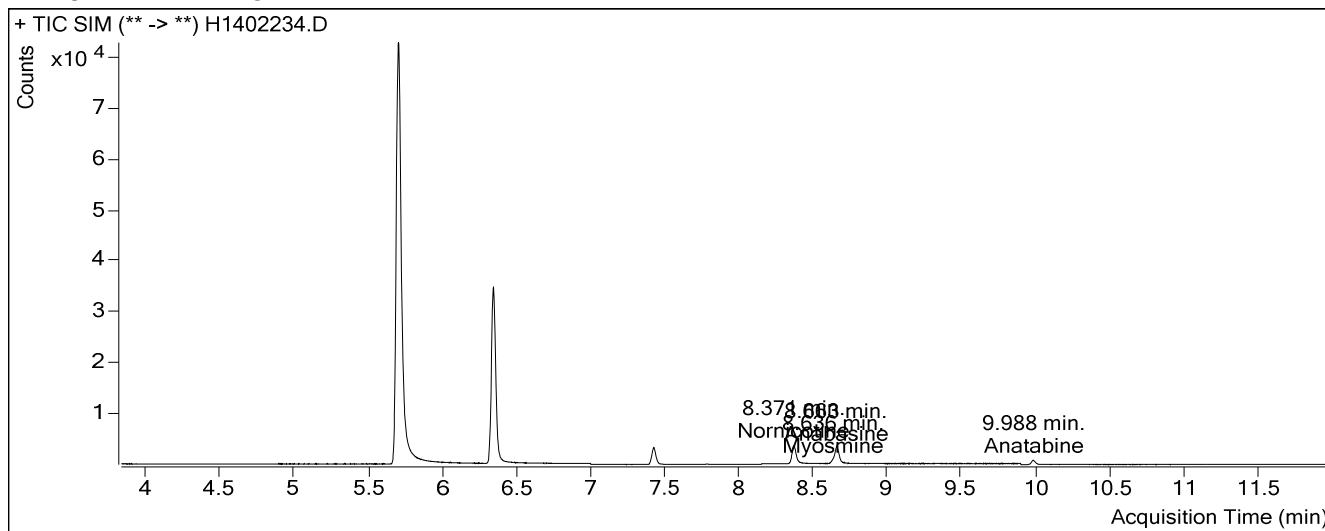
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EA\INC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EA\INC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-21 18:12 **Data File** H1402234.D
Position 22 **Sample Name** Alkaloids Cal Std#5
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type QC **Comment** TSCStd-0060-06

Sample Chromatogram

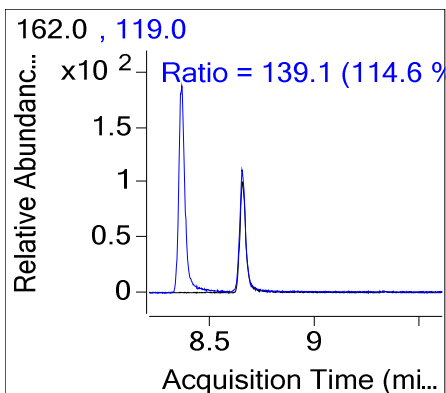
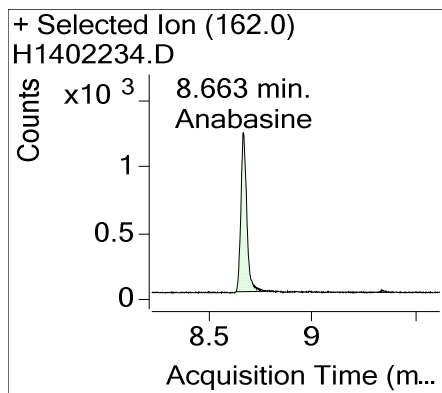
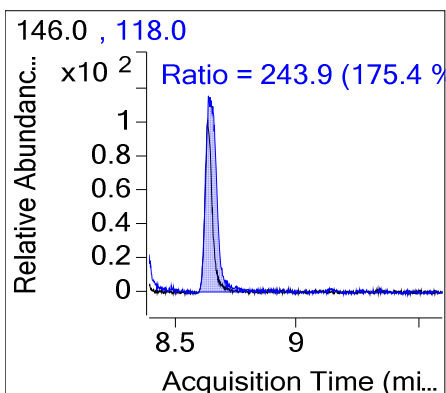
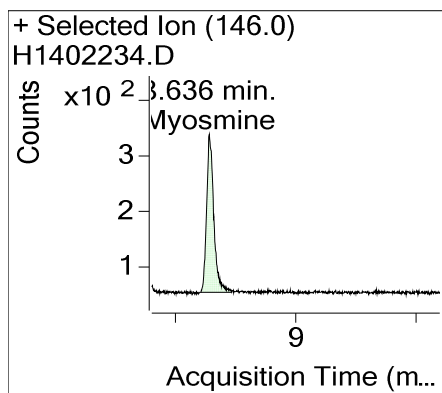
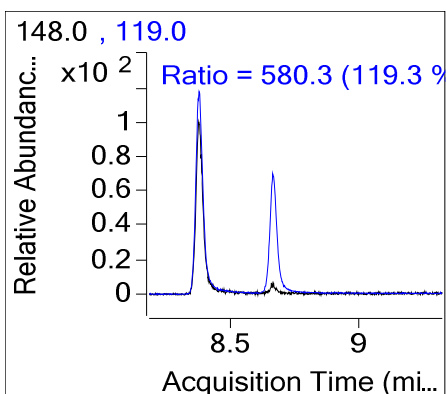
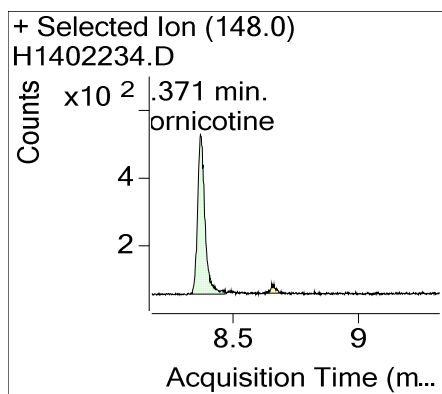
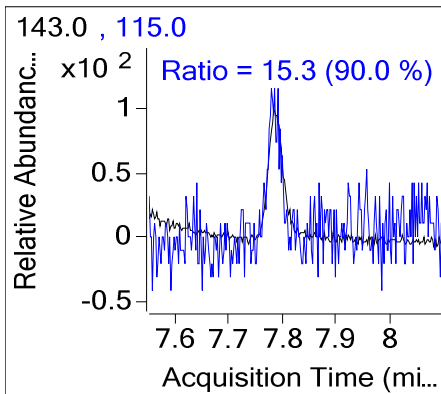
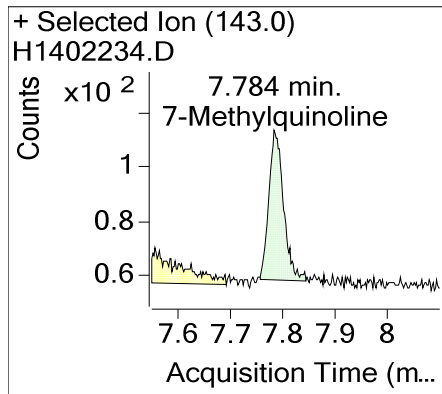


Quantitation Results

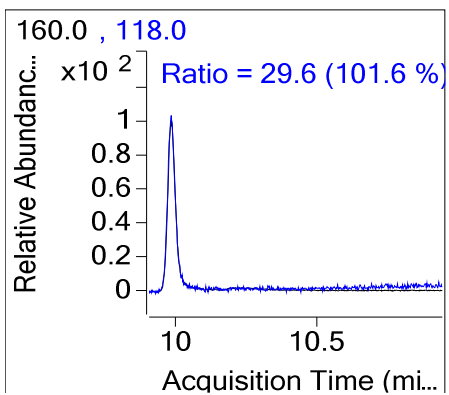
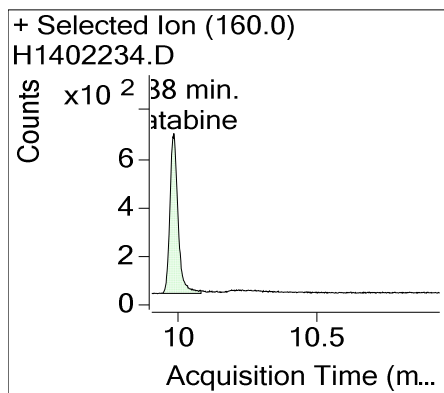
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.371	15.5715	101.11
Myosmine	7-Methylquinoline	8.636	1.8420	112.16
Anabasine	7-Methylquinoline	8.663	24.9777	95.33
Anatabine	7-Methylquinoline	9.988	12.2835	99.06

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



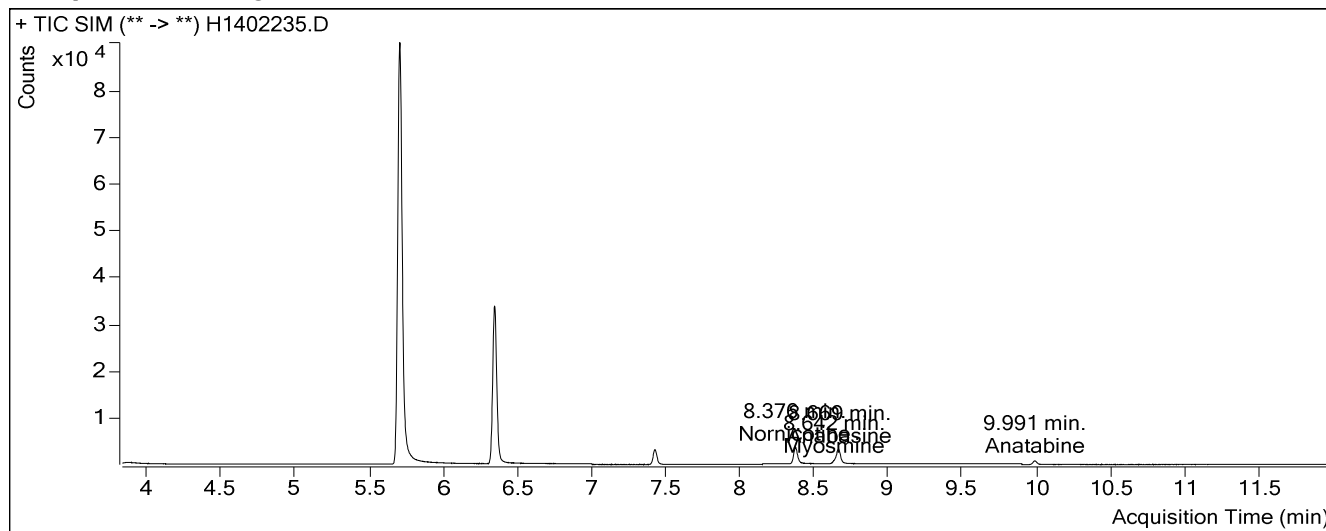
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-22 11:05 **Data File** H1402235.D
Position 22 **Sample Name** Alkaloids Cal Std#5
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type QC **Comment** TSCStd-0060-06

Sample Chromatogram

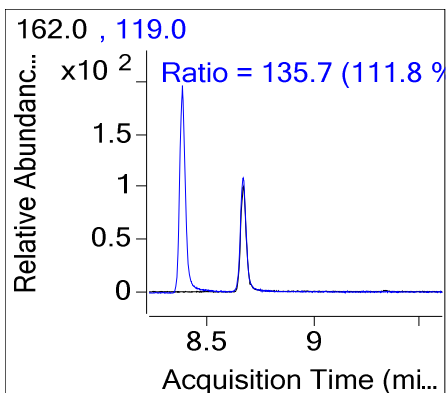
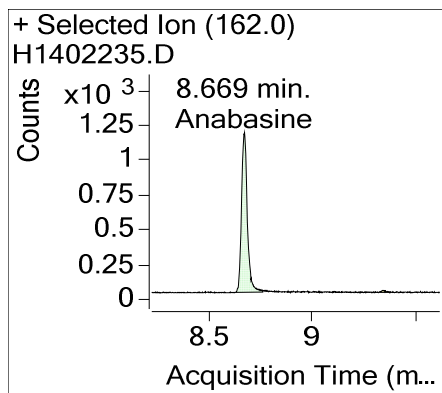
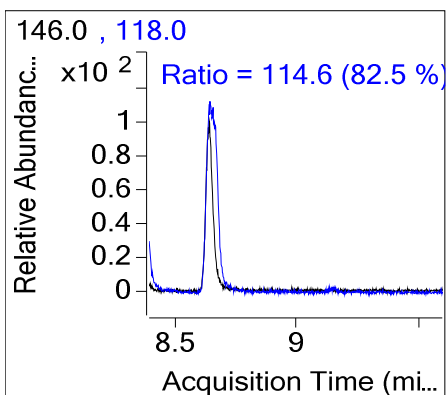
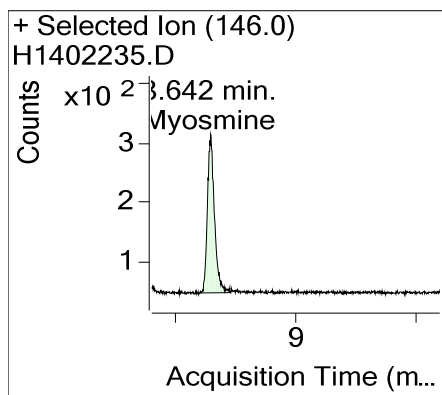
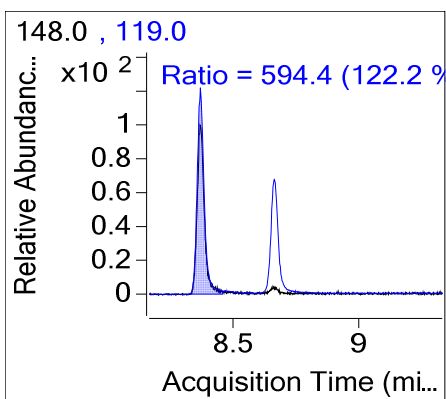
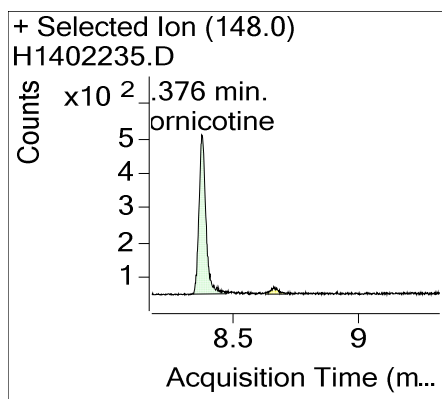
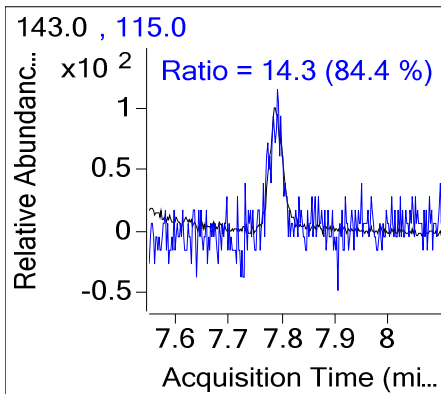
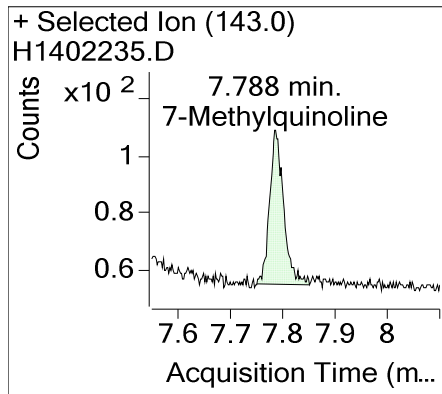


Quantitation Results

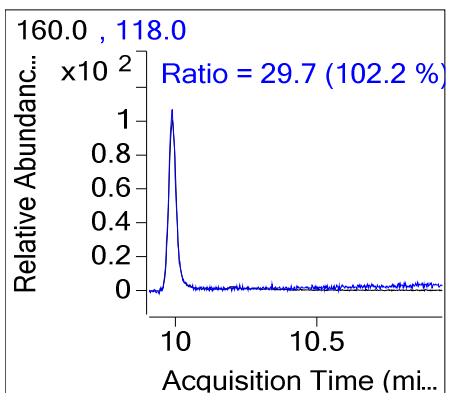
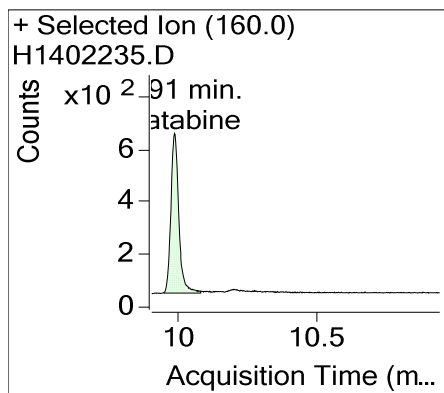
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.376	15.2637	99.11
Myosmine	7-Methylquinoline	8.642	1.7823	108.52
Anabasine	7-Methylquinoline	8.669	25.1662	96.05
Anatabine	7-Methylquinoline	9.991	12.0892	97.49

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



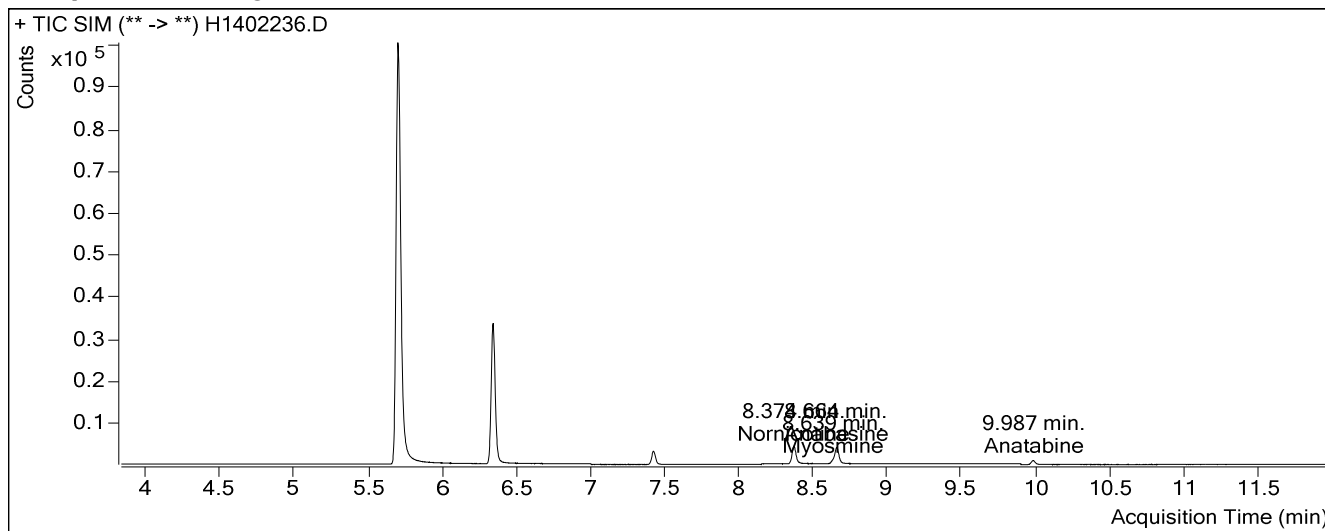
Quantitative Analysis Sample Report

Batch Data Path T:\Herman\gcms2014q3\july14\H072114A\QuantResults\H072114a.batch.bin
Analysis Time 7/22/2014 12:58 PM **Analyst Name** EA\INC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EA\INC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-22 11:20 **Data File** H1402236.D
Position 23 **Sample Name** 0714-63 LCS
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type Sample **Comment**

Sample Chromatogram

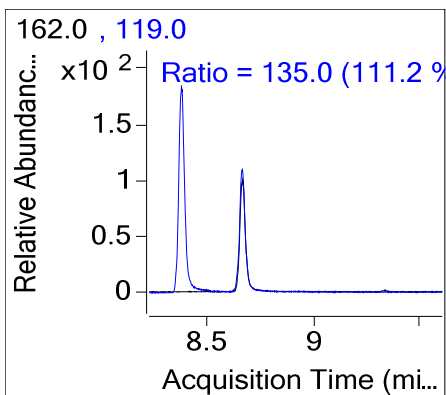
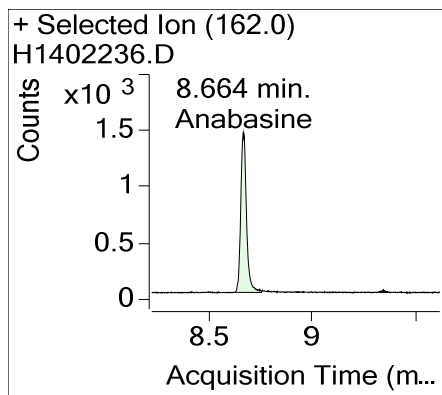
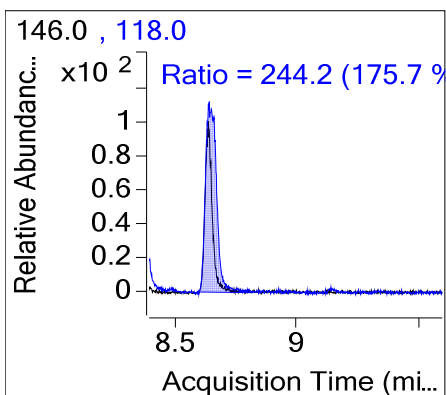
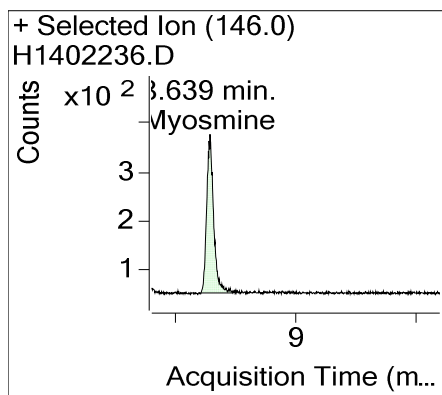
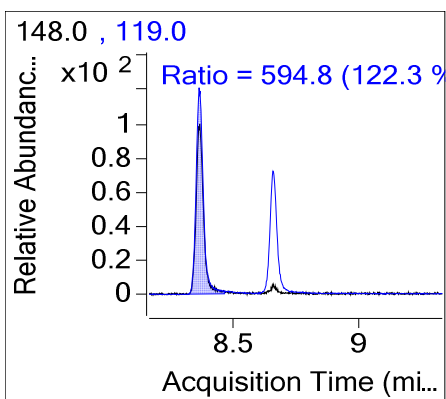
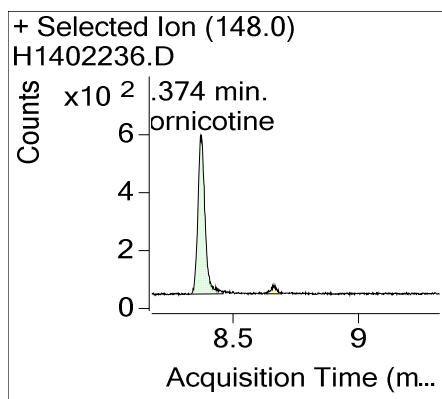
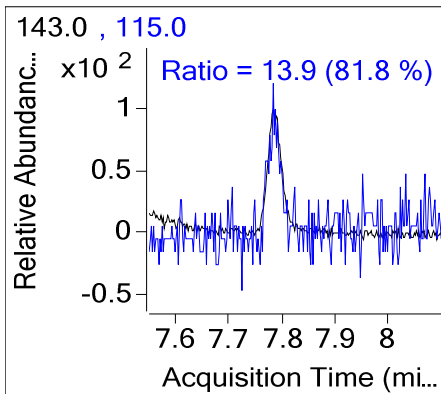
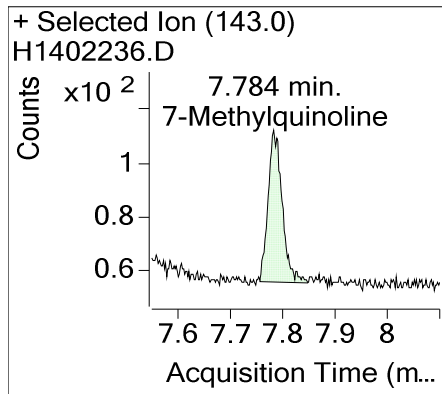


Quantitation Results

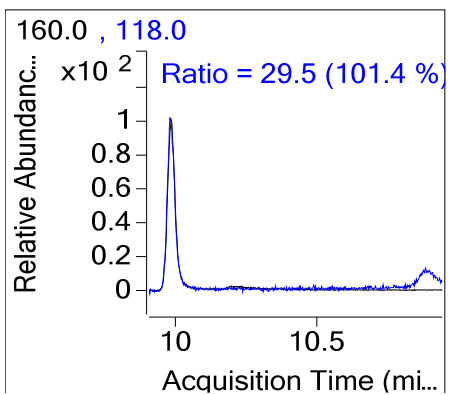
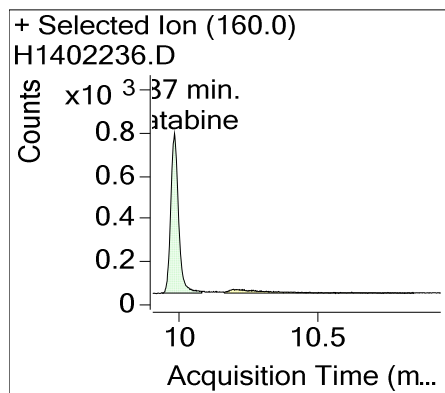
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.374	17.7879	
Myosmine	7-Methylquinoline	8.639	2.0812	
Anabasine	7-Methylquinoline	8.664	29.8945	
Anatabine	7-Methylquinoline	9.987	14.0940	

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



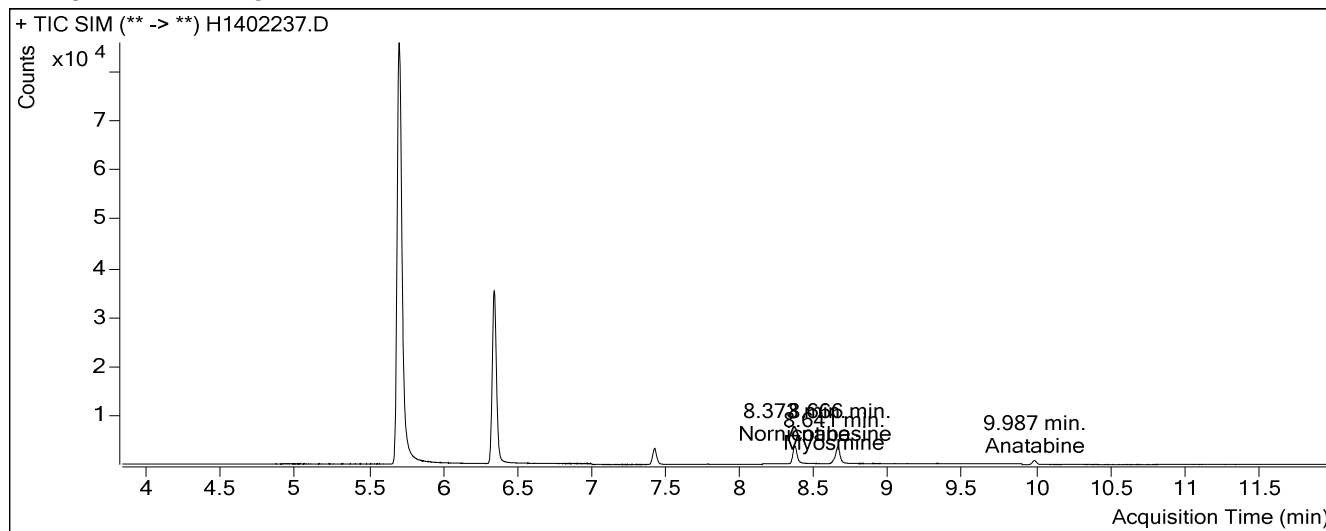
Quantitative Analysis Sample Report

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Analysis Time 7/22/2014 12:58 PM **Analyst Name** EAINC\KHumphries
Report Time 7/22/2014 12:59 PM **Reporter Name** EAINC\KHumphries
Last Calib Update 7/22/2014 12:58 PM **Batch State** Processed

Analysis Info

Acq Time 2014-07-22 11:36 **Data File** H1402237.D
Position 22 **Sample Name** Alkaloids Cal Std#5
Dilution 1 **Sample Info**
Inj Vol 1 **Acq Method File** TSCNIC4BNew-sim
Sample Type QC **Comment** TSCStd-0060-06

Sample Chromatogram

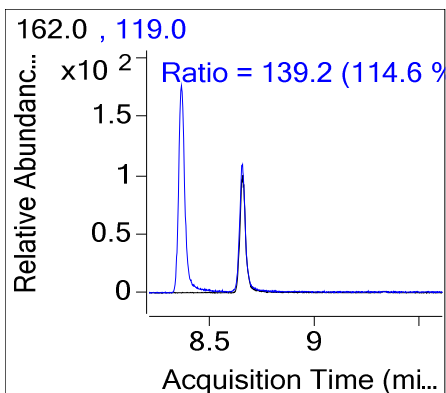
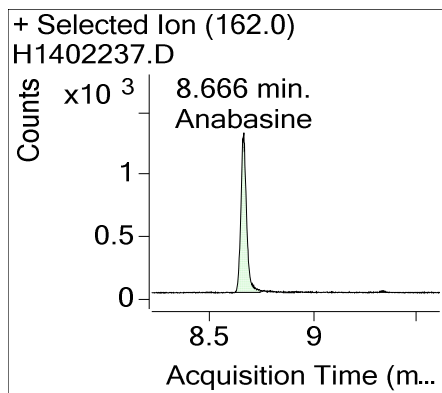
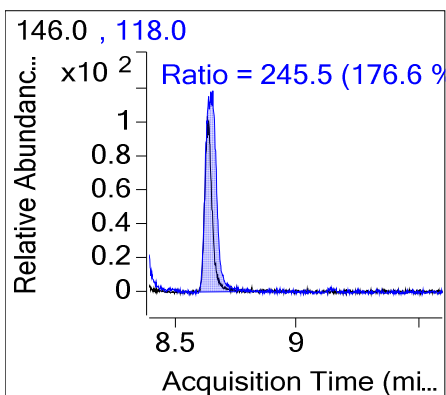
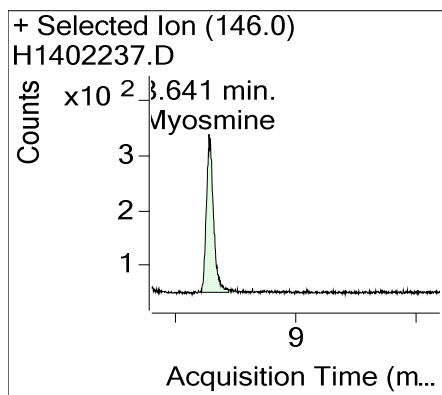
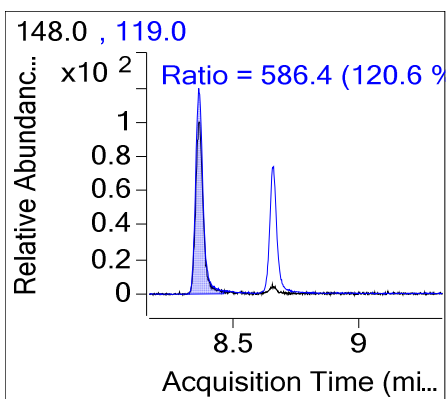
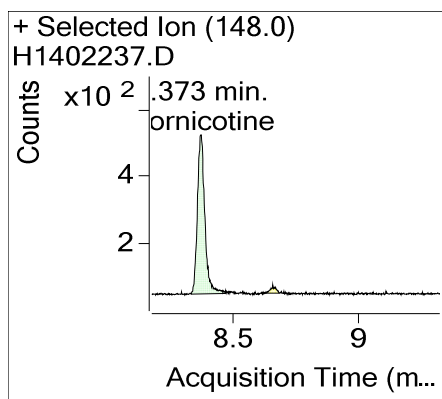
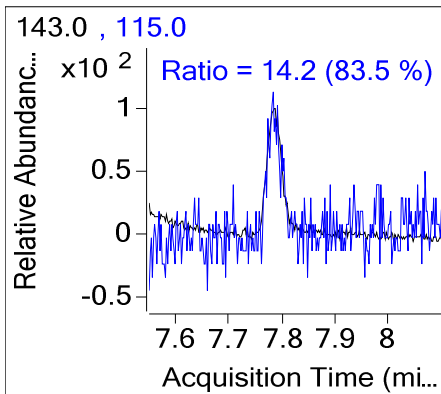
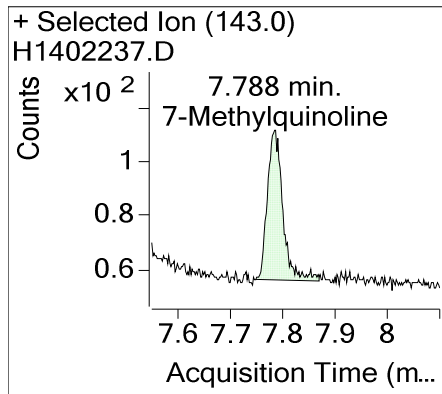


Quantitation Results

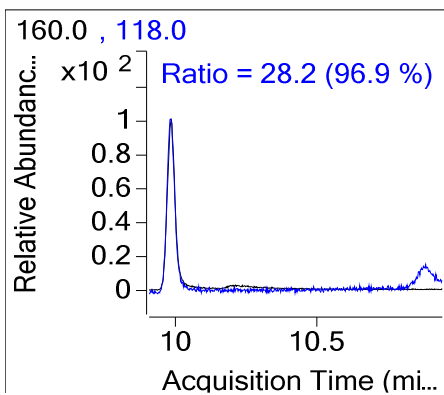
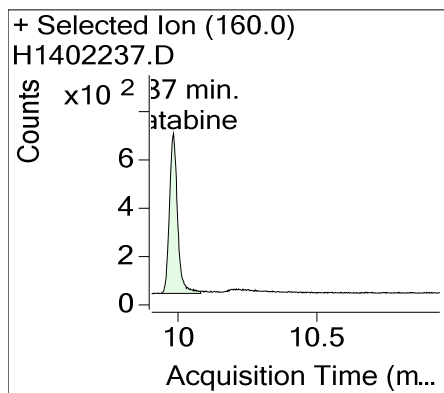
Compound	ISTD	RT (min)	Conc (µg/mL)	Accuracy
Nornicotine	7-Methylquinoline	8.373	14.7365	95.69
Myosmine	7-Methylquinoline	8.641	1.7147	104.41
Anabasine	7-Methylquinoline	8.666	24.1988	92.36
Anatabine	7-Methylquinoline	9.987	11.6368	93.85

Quantitative Analysis Sample Report

Compound Graphics



Quantitative Analysis Sample Report



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Of This Report.**

