

1/12/2015

Worklist: 550

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
P2014-2380	1	26236	3.10.3 Blood confirmation of co	
P2014-2394	1	26237	3.10.3 Blood confirmation of co	
P2014-2416	1	26238	3.10.3 Blood confirmation of co	
P2014-2501	1	26239	3.10.3 Blood confirmation of co	
P2014-2505	1	26240	3.10.3 Blood confirmation of co	
P2014-2672	1	26241	3.10.3 Blood confirmation of co	
P2014-2680	1	26242	3.10.3 Blood confirmation of co	
P2014-2700	1	26243	3.10.3 Blood confirmation of co	



POC_AM 3.10.3_0115

2015/15

Simulate Run Sequence Thu Jan 15 14:28:31 2015

Instrument Name: Probie
Sequence File: C:\msdchem\1\sequence\DD-OpPlus.S
Comment:
Operator: Pocatello Laboratory
Data Path: C:\MSDCHEM\1\DATA\DND\2015\011515OP\
Method Path: C:\MSDCHEM\1\METHODS\

Line	Type	Vial	DataFile	Method	Sample Name
1)	Sample	100	Pre-run Solvent Blank		
	Datafile		Pre-runSolventBlk		
	Method		AM-3-10-3-3		
2)	Sample	9	750ng/mL Positive Control		
	Datafile		Pre-runPC-FS		
	Method		AM3-10-3-FS		
3)	Pause:				
4)	Sample	9	750ng/mL Positive Control		
	Datafile		Pre-runPC		
	Method		AM-3-10-3-3		
5)	Sample	99	Pre-run Solvent Blank		
	Datafile		Pre-BlankSolventBlk		
	Method		AM-3-10-3-3		
6)	Sample	1	Negative Whole Blood Utak Lot B0130		
	Datafile		NegativeWholeBlood		
	Method		AM-3-10-3-3		
7)	Sample	1	Negative Whole Blood Utak Lot B0130		
	Datafile		NegativeWholeBlood-FS		
	Method		AM3-10-3-FS		
8)	Sample	2	Calibrator Level 1: 25ng/mL		
	Datafile		CalLevel-1-25		
	Method		AM-3-10-3-3		
9)	Sample	3	Calibrator Level 2: 50ng/mL		
	Datafile		CalLevel-2-50		
	Method		AM-3-10-3-3		
10)	Sample	4	Calibrator Level 3: 100ng/mL		
	Datafile		CalLevel-3-100		
	Method		AM-3-10-3-3		
11)	Sample	5	Calibrator Level 4: 250ng/mL		
	Datafile		CalLevel-4-250		
	Method		AM-3-10-3-3		
12)	Sample	6	Calibrator Level 5: 500ng/mL		
	Datafile		CalLevel-5-500		
	Method		AM-3-10-3-3		
13)	Sample	7	Calibrator Level 6: 1000ng/mL		
	Datafile		CalLevel-6-1000		
	Method		AM-3-10-3-3		
14)	Sample	98	Solvent Blank		
	Datafile		SolventBlk		
	Method		AM-3-10-3-3		
15)	Sample	8	75ng/mL Positive Control		
	Datafile		PC-75-1		
	Method		AM-3-10-3-3		
16)	Sample	9	750ng/mL Positive Control		
	Datafile		PC-750-1		
	Method		AM-3-10-3-3		

20/11/15

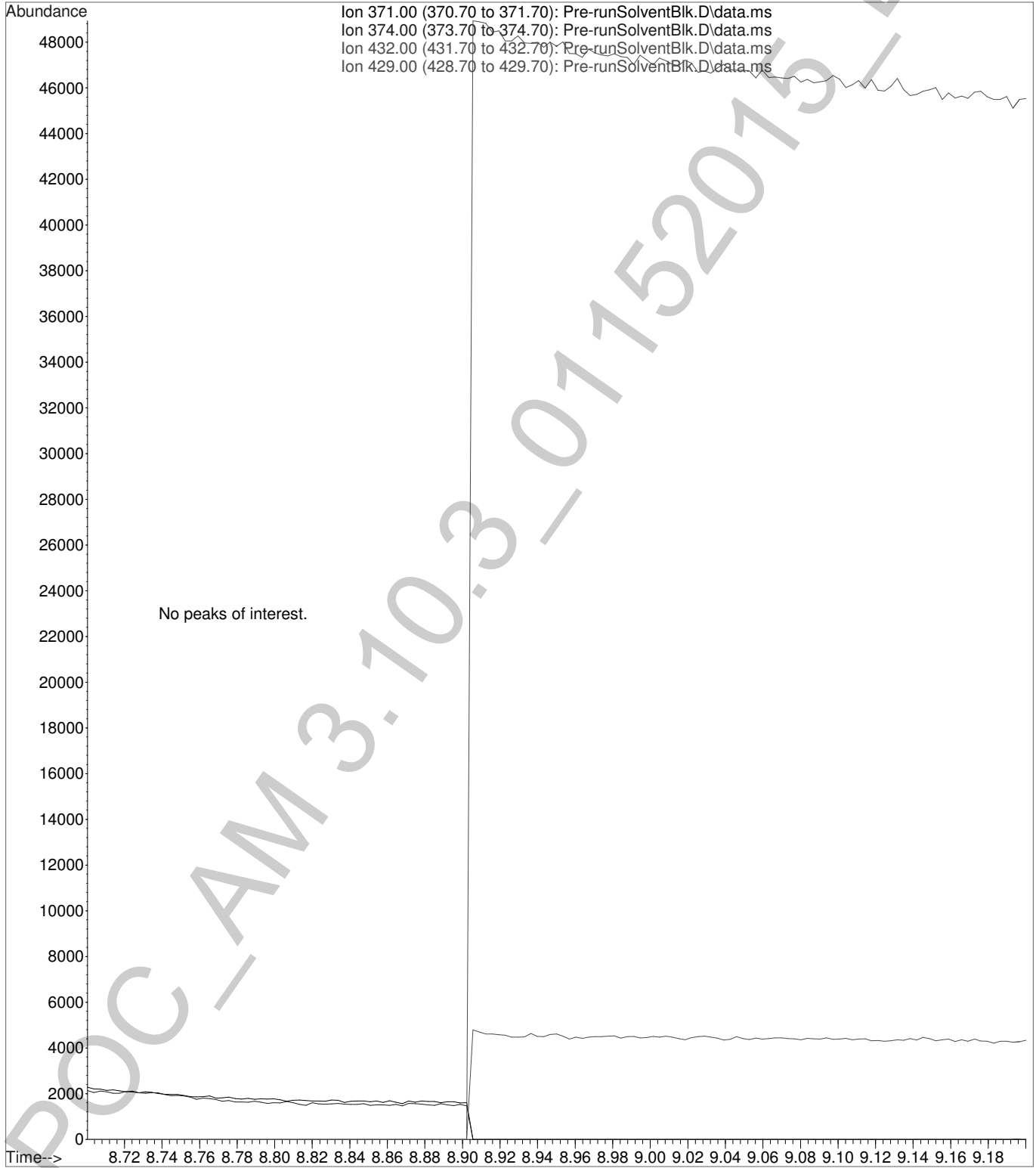
- 17) Sample 97 ✓ Lab No.: P2014-2380-1 Blank
Datafile P2014-2380-1 BLK
Method AM3-10-3-FS
- 18) Sample 10 ✓ Lab No.: P2014-2380-1
Datafile P2014-2380-1
Method AM-3-10-3-3
- 19) Sample 10 ✓ Lab No.: P2014-2380-1
Datafile P2014-2380-1 FS
Method AM3-10-3-FS
- 20) Sample 96 ✓ Lab No.: P2014-2394-1 Blank
Datafile P2014-2394-1 BLK
Method AM3-10-3-FS
- 21) Sample 11 ✓ Lab No.: P2014-2394-1
Datafile P2014-2394-1
Method AM-3-10-3-3
- 22) Sample 11 ✓ Lab No.: P2014-2394-1
Datafile P2014-2394-1 FS
Method AM3-10-3-FS
- 23) Sample 95 ✓ Lab No.: P2014-2416-1 Blank
Datafile P2014-2416-1 BLK
Method AM3-10-3-FS
- 24) Sample 12 ✓ Lab No.: P2014-2416-1
Datafile P2014-2416-1
Method AM-3-10-3-3
- 25) Sample 12 ✓ Lab No.: P2014-2416-1
Datafile P2014-2416-1 FS
Method AM3-10-3-FS
- 26) Sample 94 ✓ Lab No.: P2014-2501-1 Blank
Datafile P2014-2501-1 BLK
Method AM3-10-3-FS
- 27) Sample 13 ✓ Lab No.: P2014-2501-1
Datafile P2014-2501-1
Method AM-3-10-3-3
- 28) Sample 13 ✓ Lab No.: P2014-2501-1
Datafile P2014-2501-1 FS
Method AM3-10-3-FS
- 29) Sample 93 ✓ Lab No.: P2014-2505-1 Blank
Datafile P2014-2505-1 BLK
Method AM3-10-3-FS
- 30) Sample 14 ✓ Lab No.: P2014-2505-1
Datafile P2014-2505-1
Method AM-3-10-3-3
- 31) Sample 14 ✓ Lab No.: P2014-2505-1
Datafile P2014-2505-1 FS
Method AM3-10-3-FS
- 32) Sample 92 ✓ Lab No.: P2014-2672-1 Blank
Datafile P2014-2672-1 BLK
Method AM3-10-3-FS
- 33) Sample 15 ✓ Lab No.: P2014-2672-1
Datafile P2014-2672-1
Method AM-3-10-3-3
- 34) Sample 15 ✓ Lab No.: P2014-2672-1
Datafile P2014-2672-1 FS
Method AM3-10-3-FS
- 35) Sample 91 ✓ Lab No.: P2014-2700-1 Blank
Datafile P2014-2700-1 BLK
Method AM3-10-3-FS

01/15/15

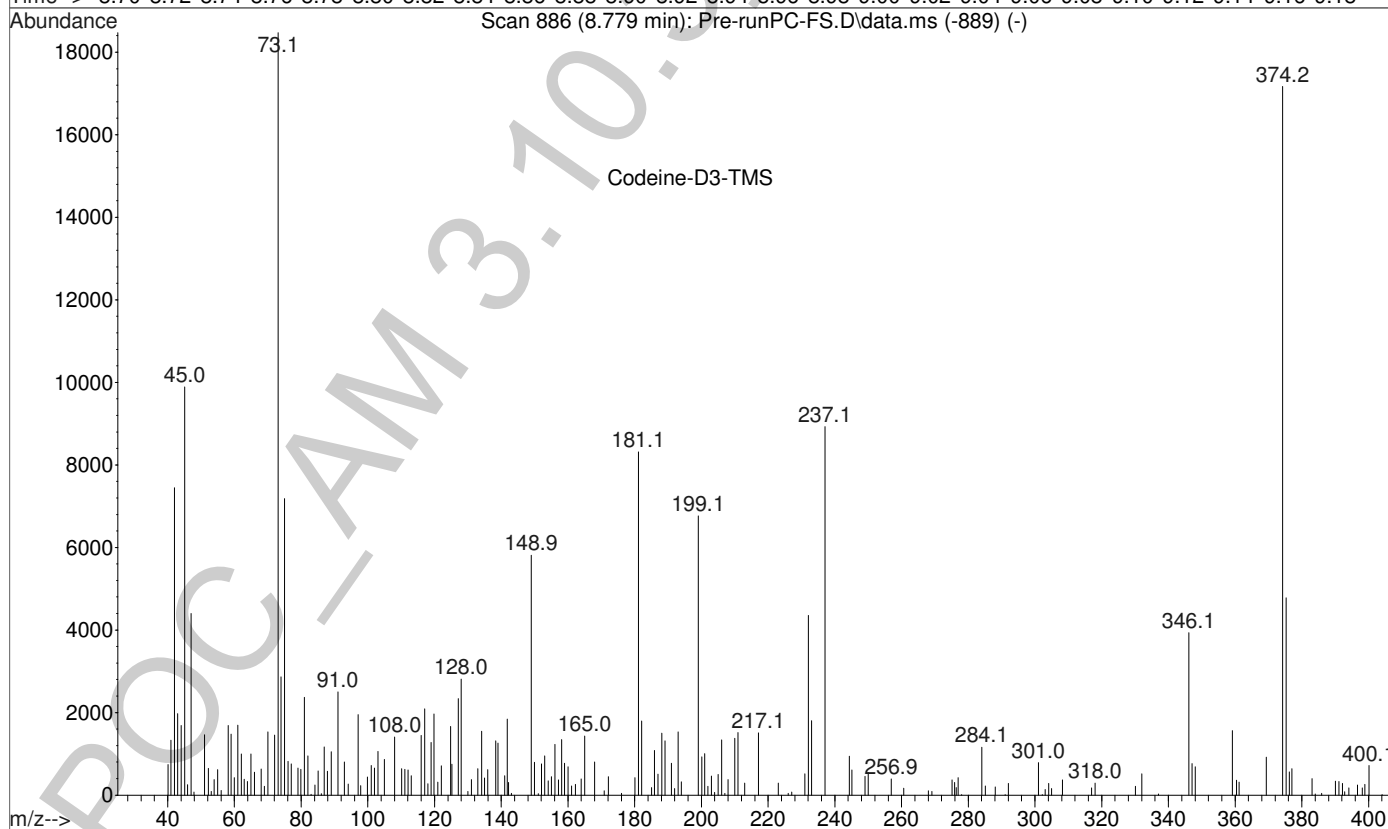
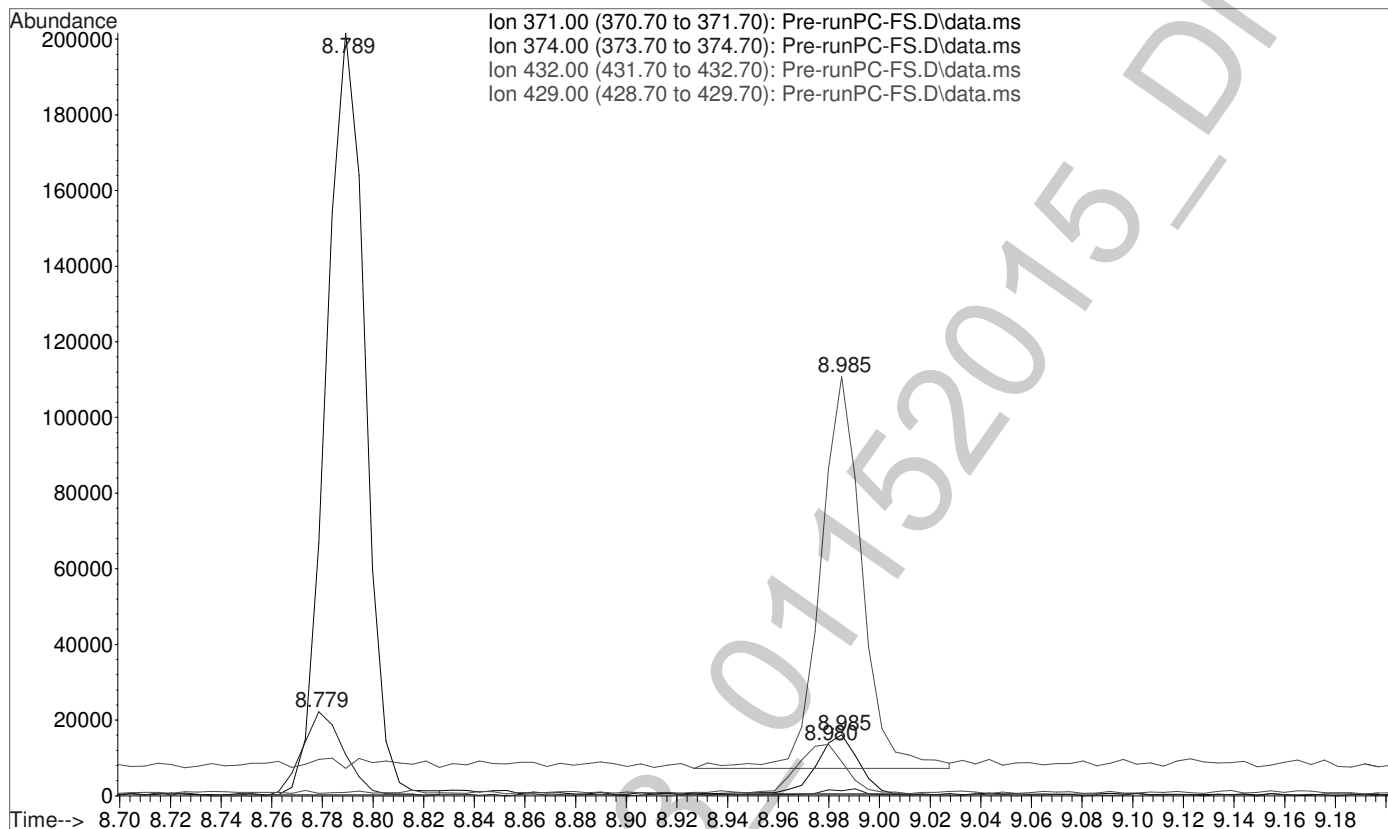
- 36) Sample 16 ✓ Lab No.: P2014-2700-1
Datafile P2014-2700-1
Method AM-3-10-3-3
- 37) Sample 16 ✓ Lab No.: P2014-2700-1
Datafile P2014-2700-1 FS
Method AM3-10-3-FS
- 38) Sample 90 ✓ Post-run Solvent Blank
Datafile Post-Blank
Method AM-3-10-3-3
- 39) Pause: ' '
- 40) Sample 92 Pre-NES Solvent Blank
Datafile Pre-NESBlk
Method AM-3-10-3-3
- 41) Sample 15 Non-extracted Reference Materials 1
Datafile NES RMs 1 - TMS Derivative
Method AM3-10-3-FS
- 42) Sample 16 Non-extracted Reference Materials 2
Datafile NES RMs 2 - TMS Derivative
Method AM3-10-3-FS
- 43) Sample 17 Non-extracted Reference Materials 3
Datafile NES RMs 3 - TMS Derivative
Method AM3-10-3-FS
- 44) Sample 18 Non-extracted Reference Materials 4
Datafile NES RMs 4 - TMS Derivative
Method AM3-10-3-FS
- 45) Sample 91 Post-NES Solvent Blank
Datafile Post-NESBlk
Method AM-3-10-3-3

Bytes Needed: 24216239 Space on drive C: 4.36629e+011
Sequence Verification Done!

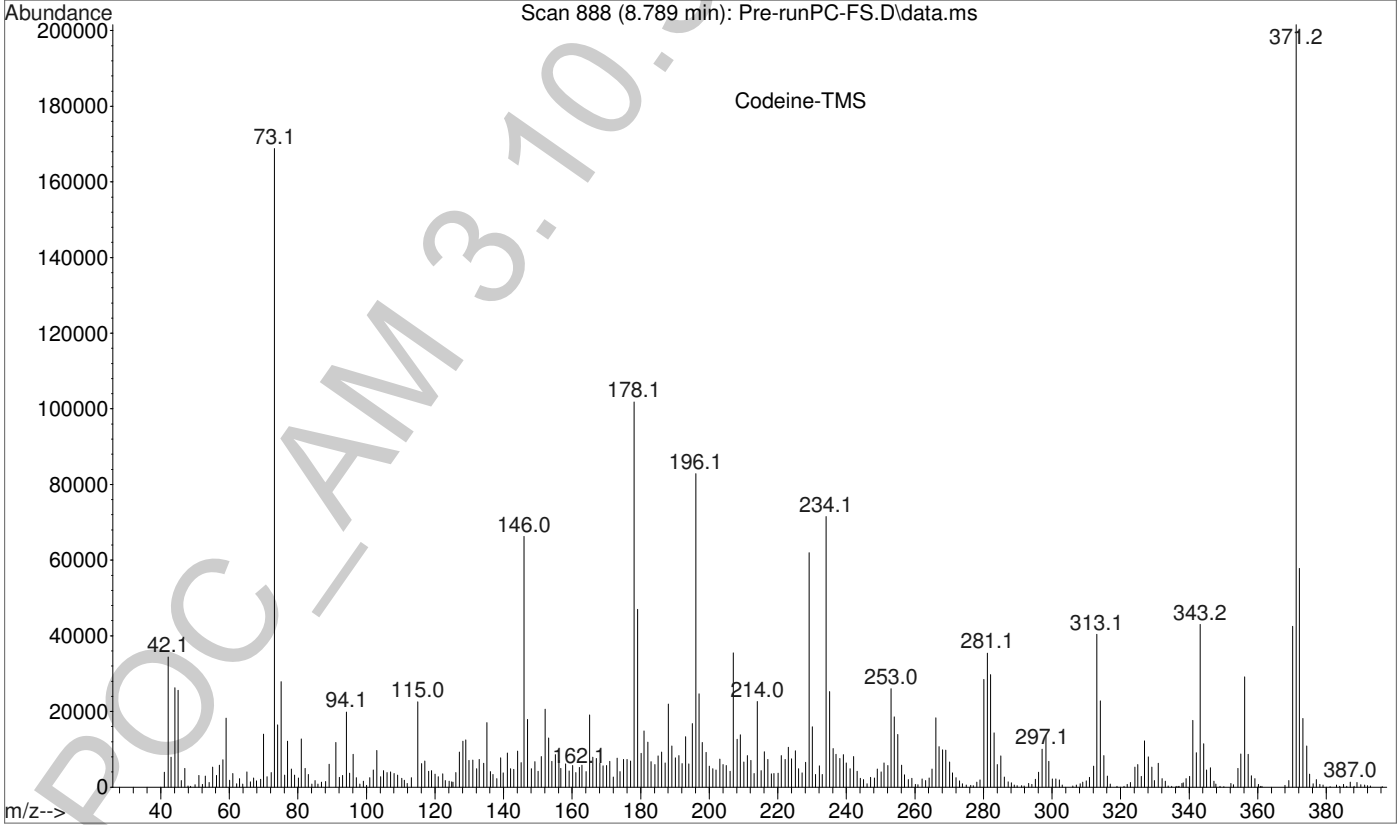
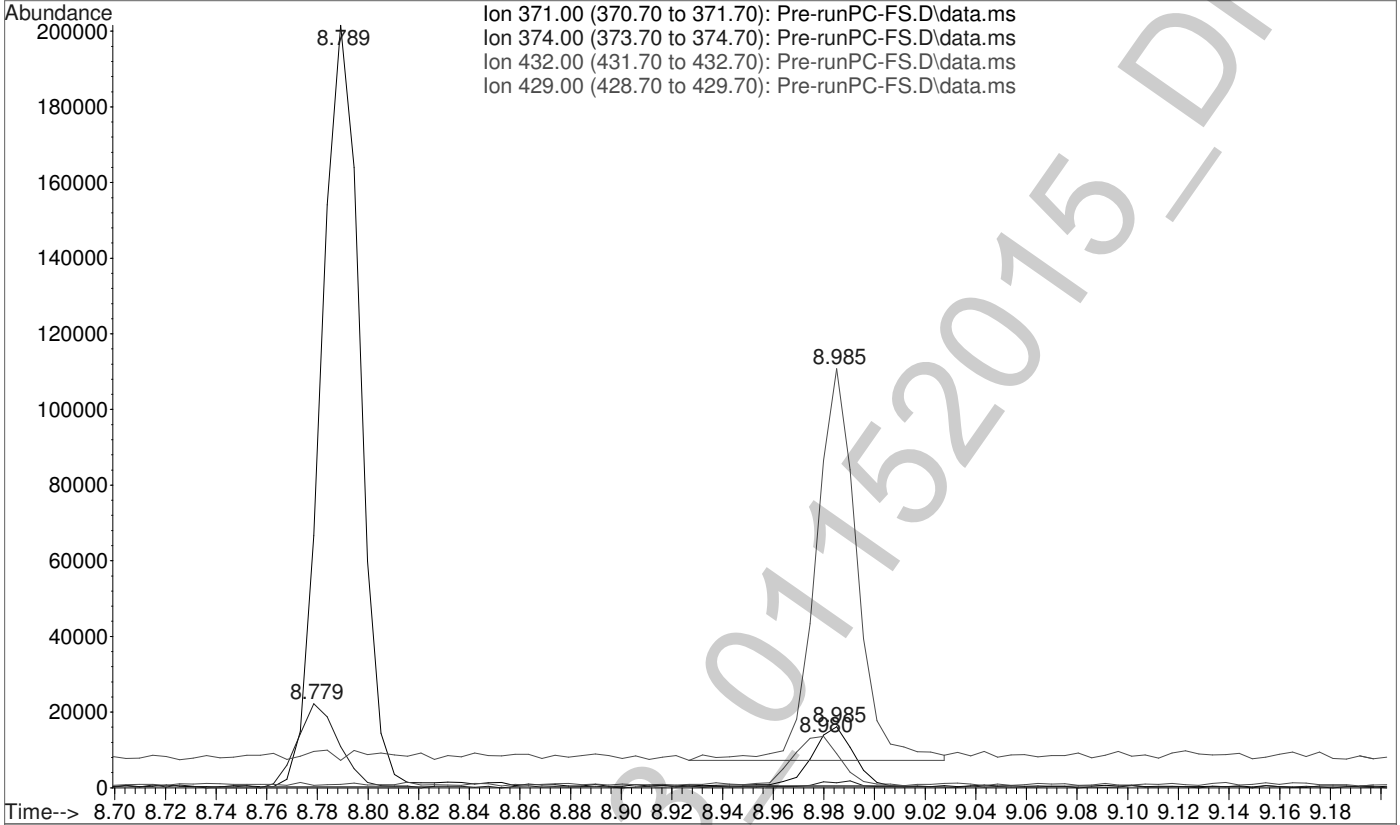
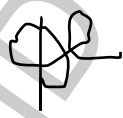
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Operator : Pocatello Laboratory
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Instrument : Probie
Sample Name: Pre-run Solvent Blank
Misc Info : CHCl3
Vial Number: 100



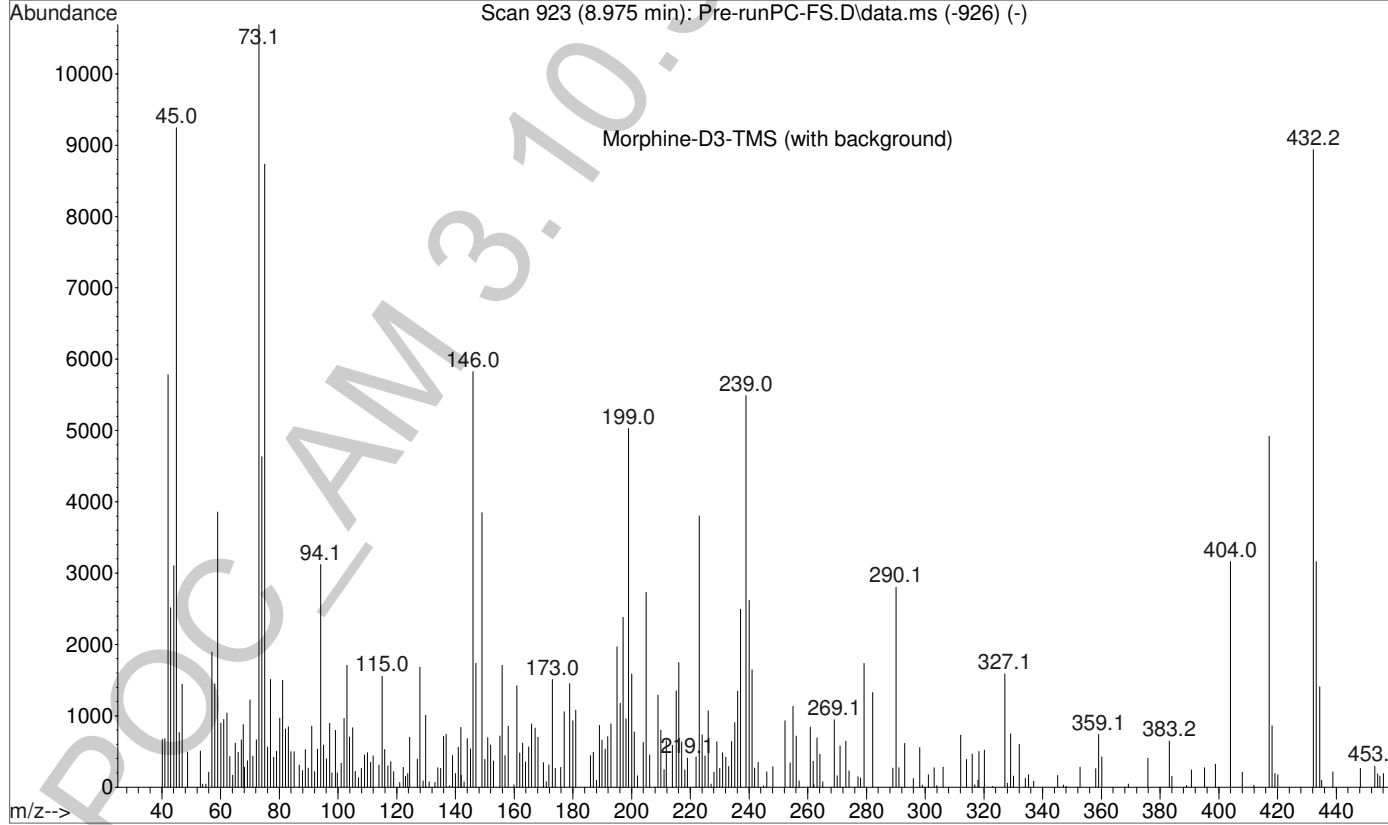
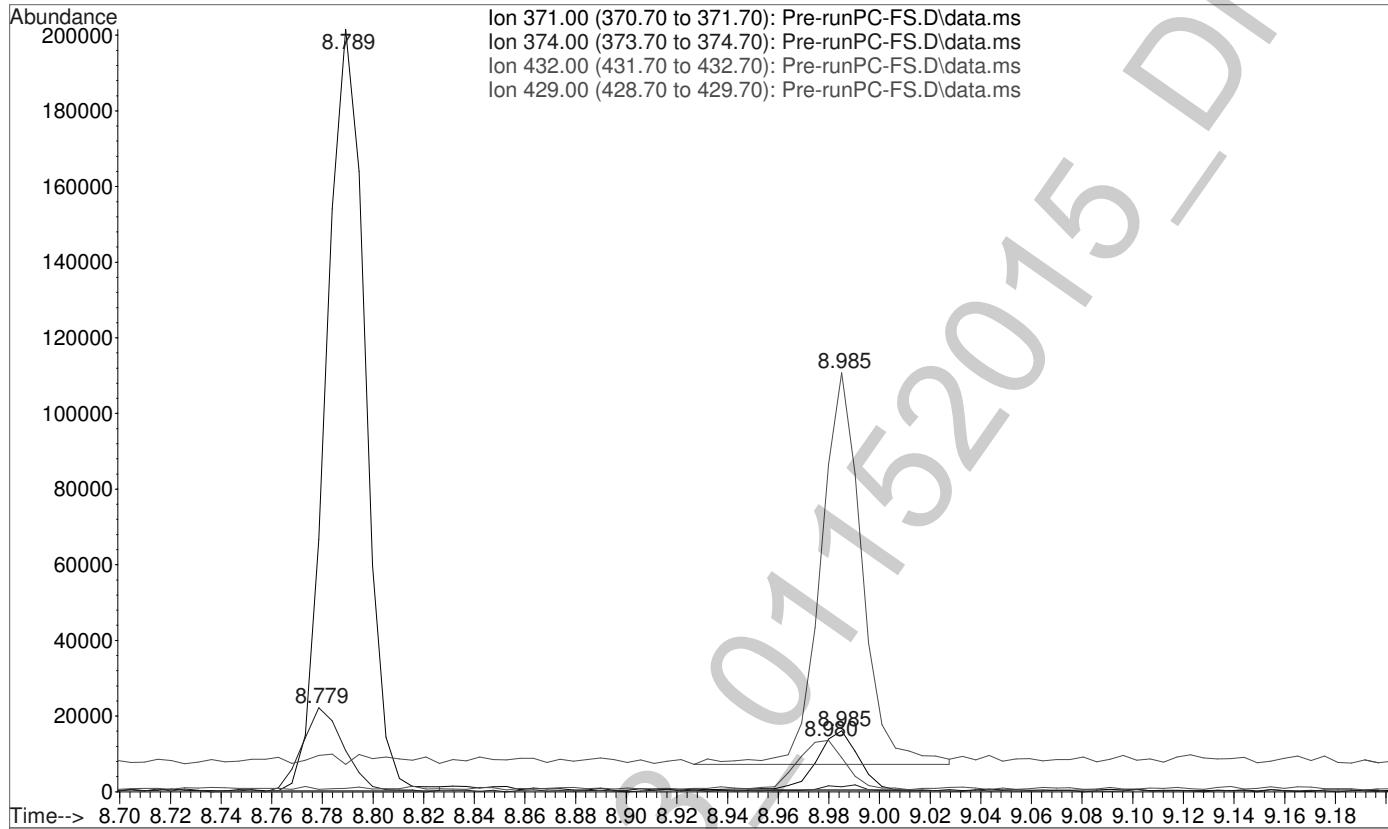
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Acquired : 15 Jan 2015 16:17 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



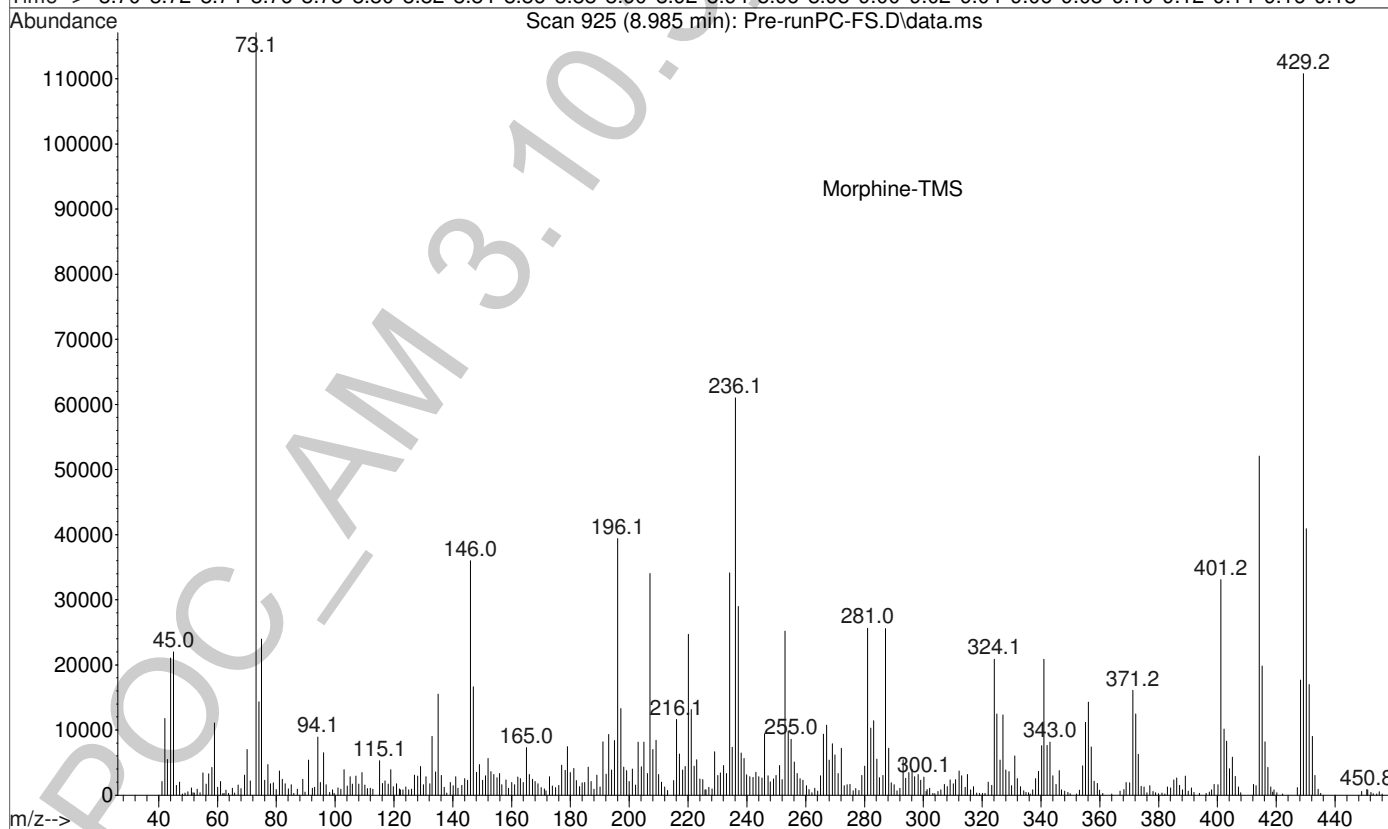
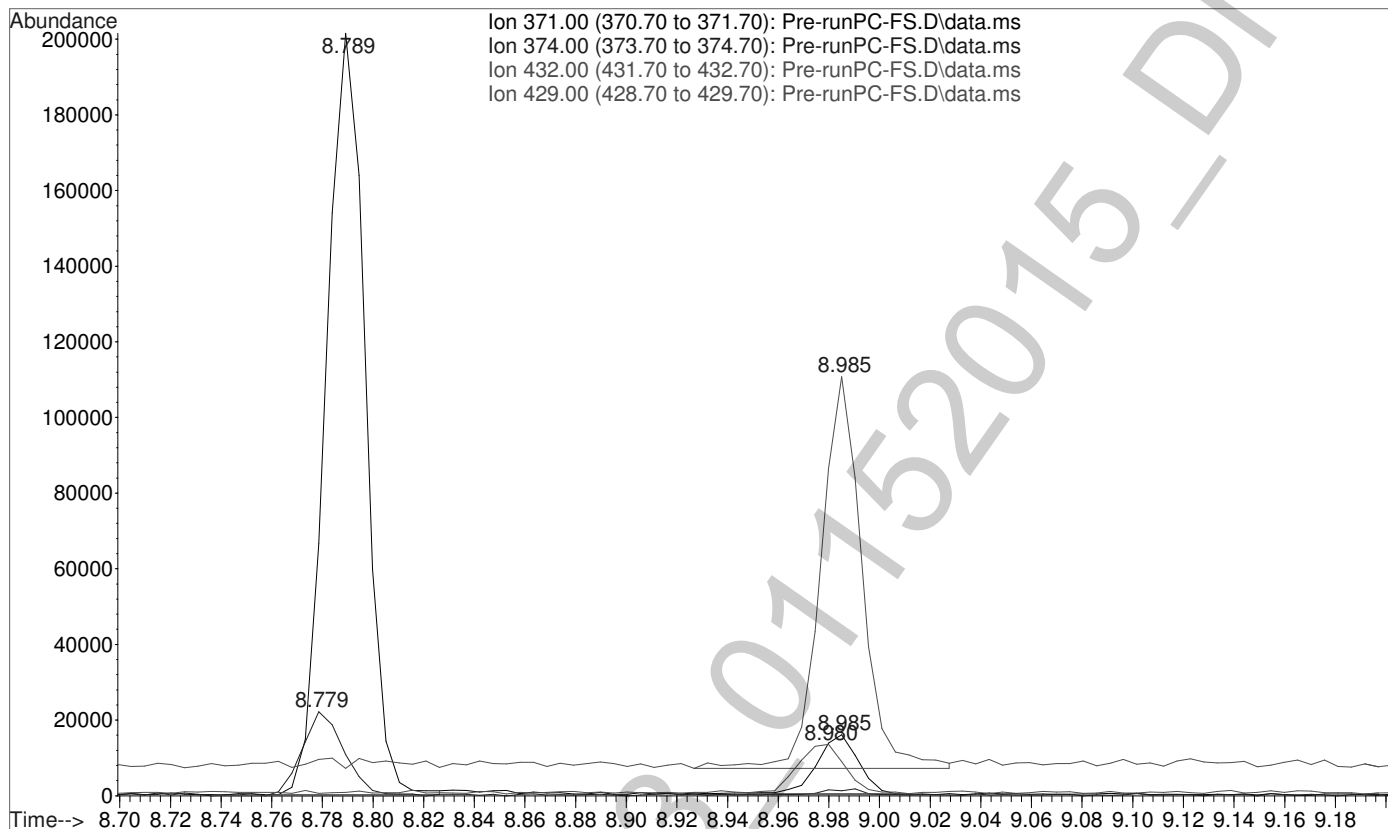
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Acquired : 15 Jan 2015 16:17 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



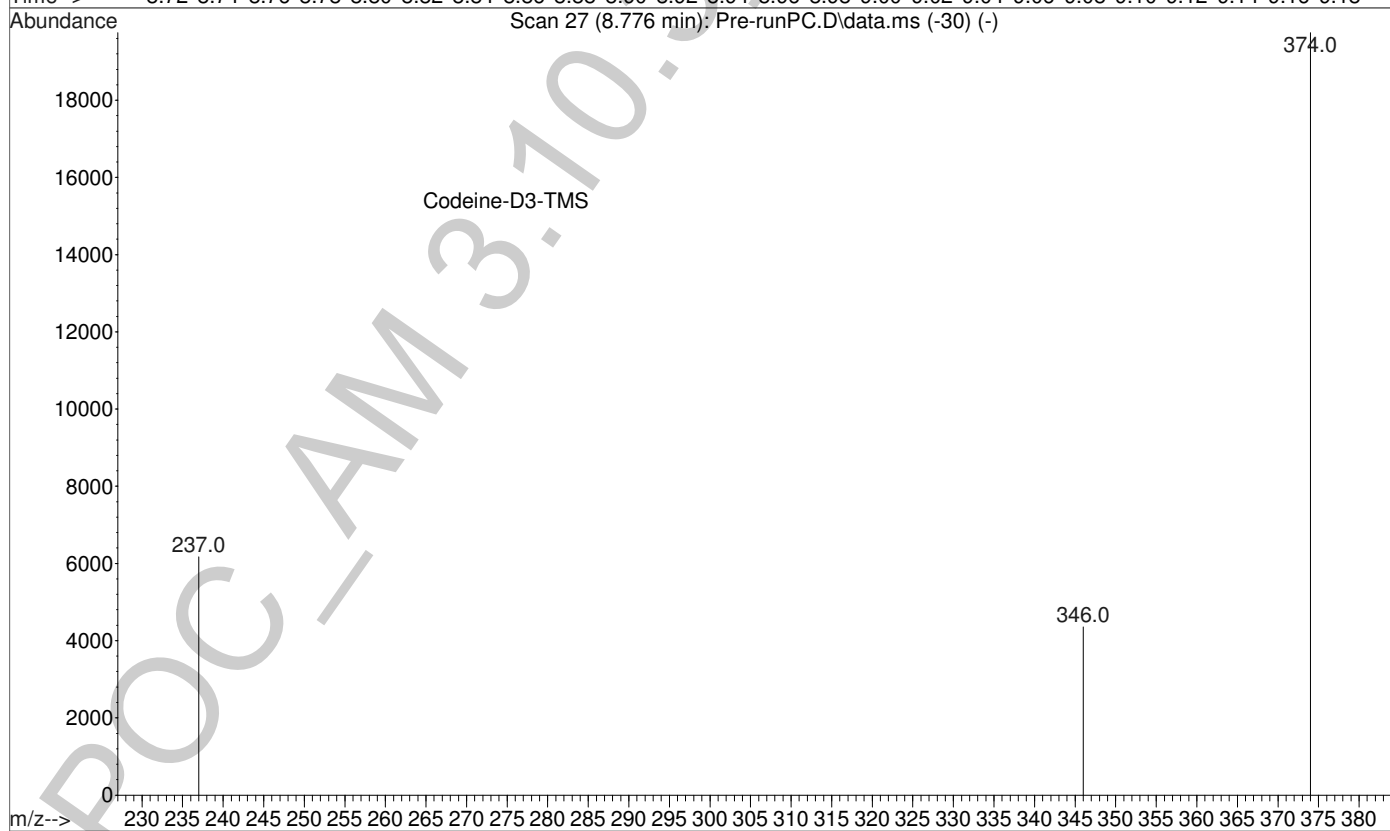
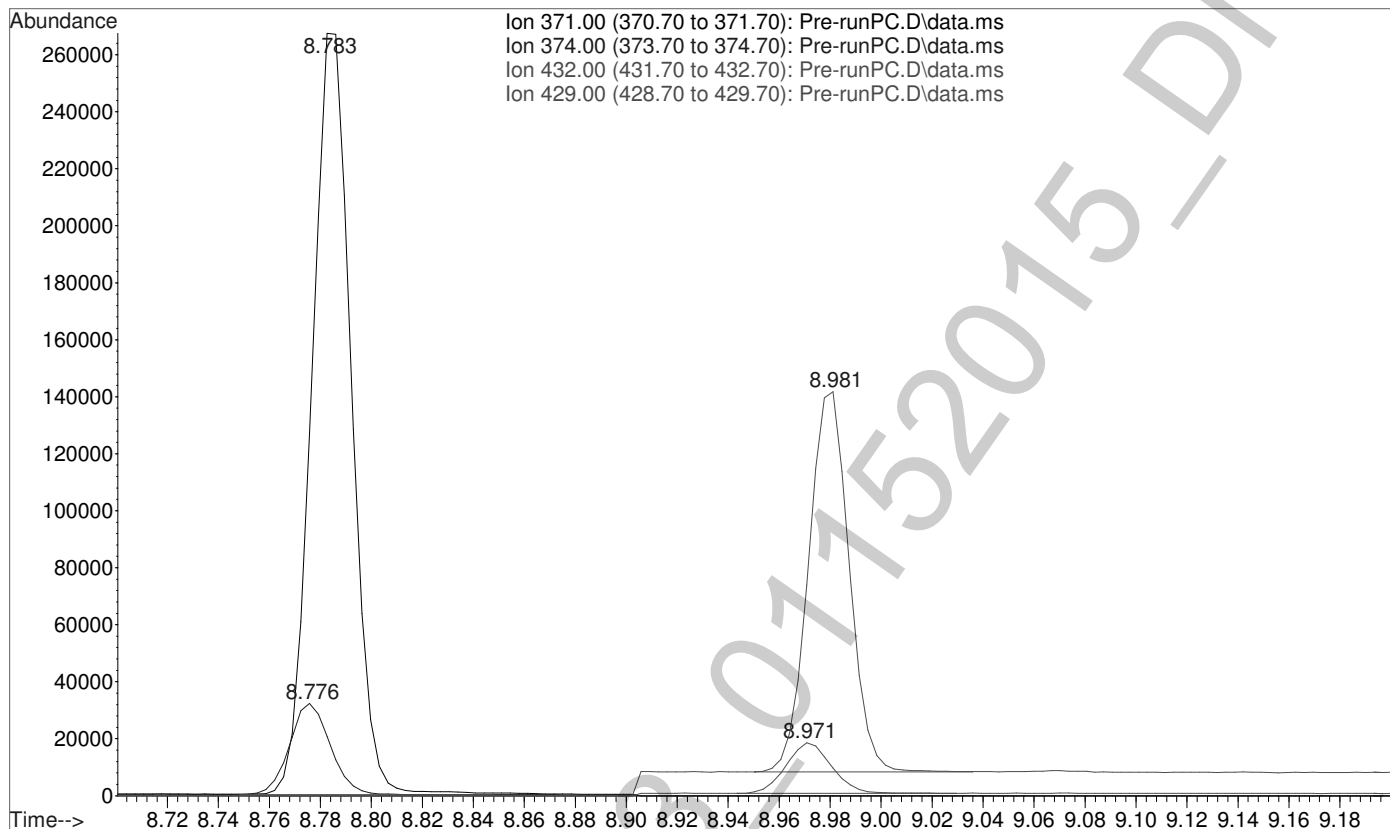
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Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



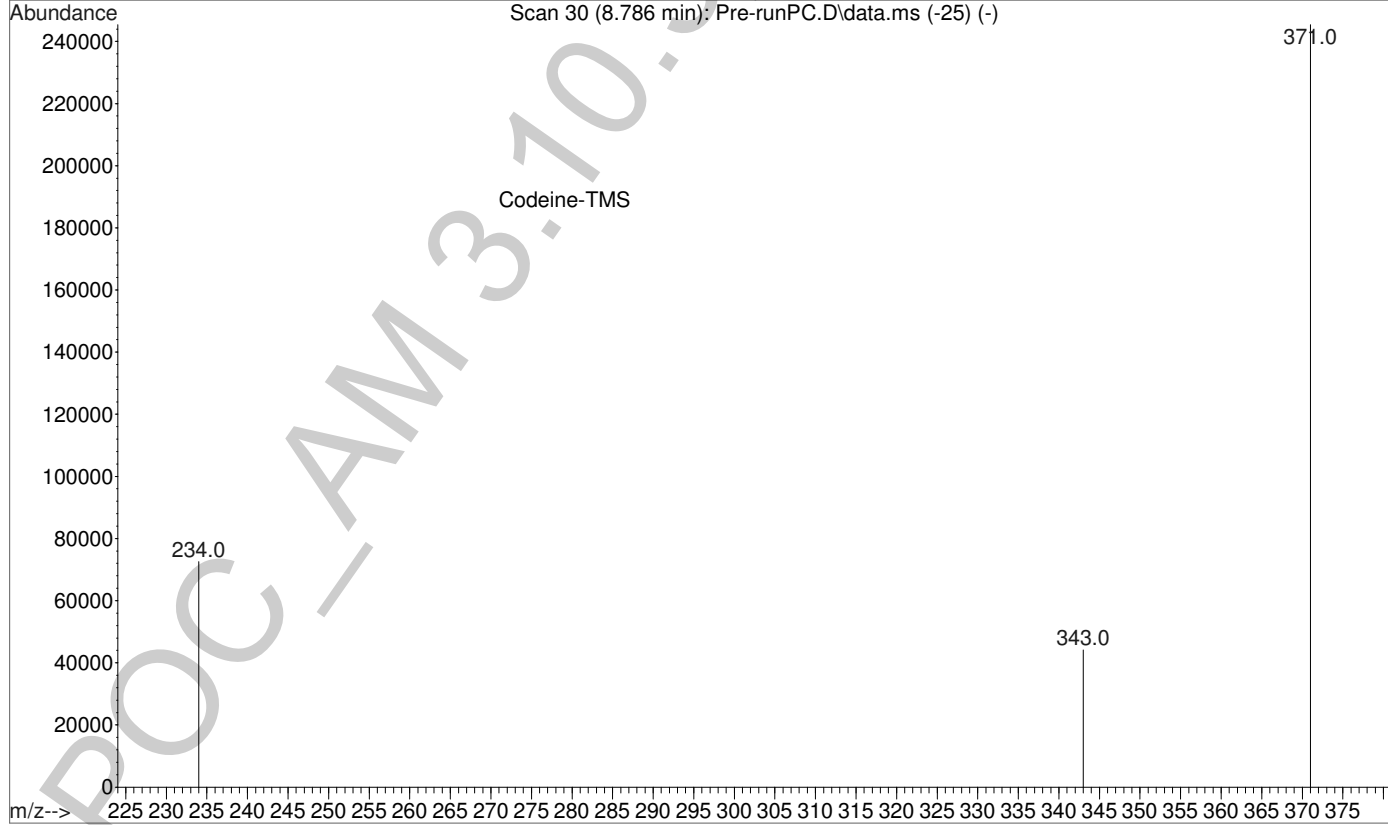
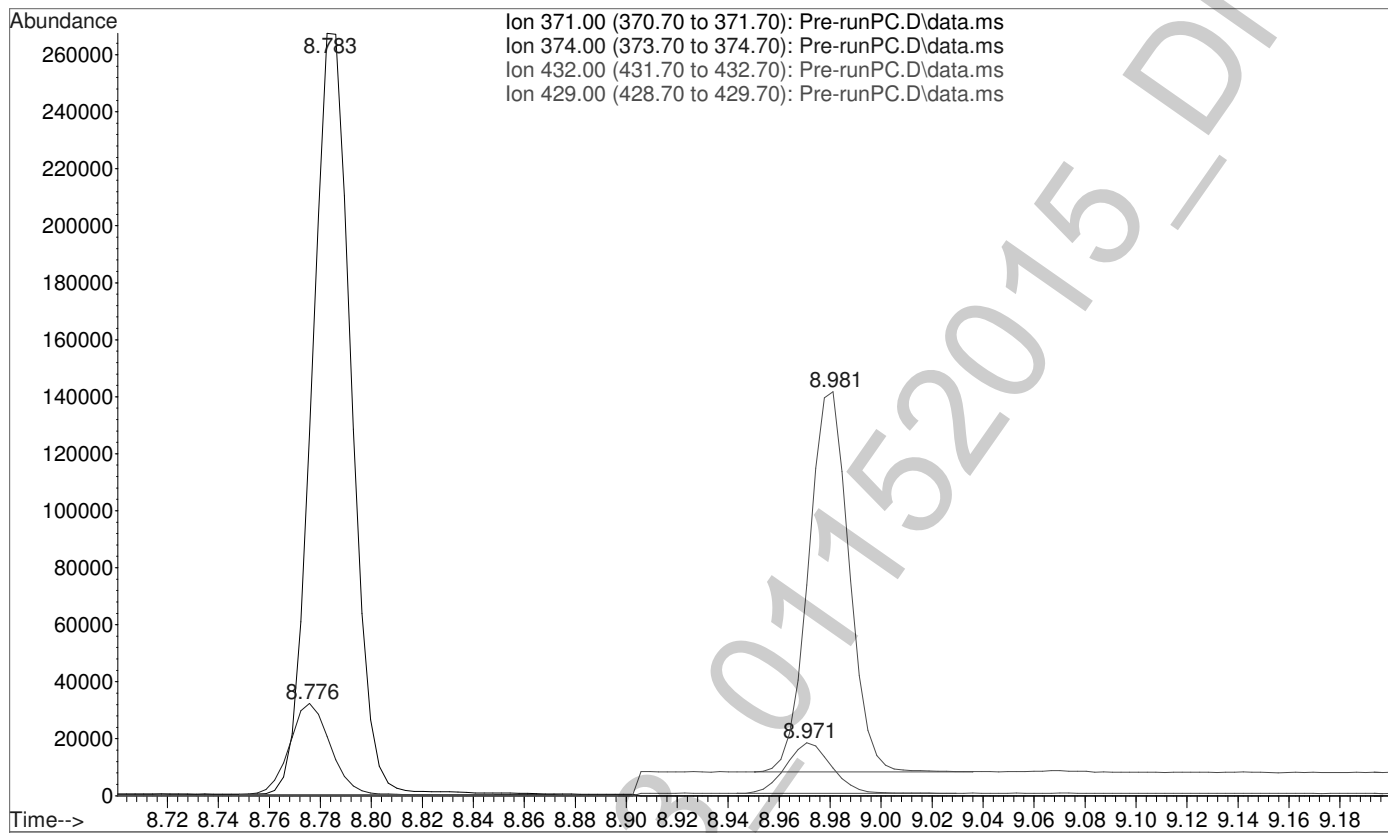
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Acquired : 15 Jan 2015 16:17 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



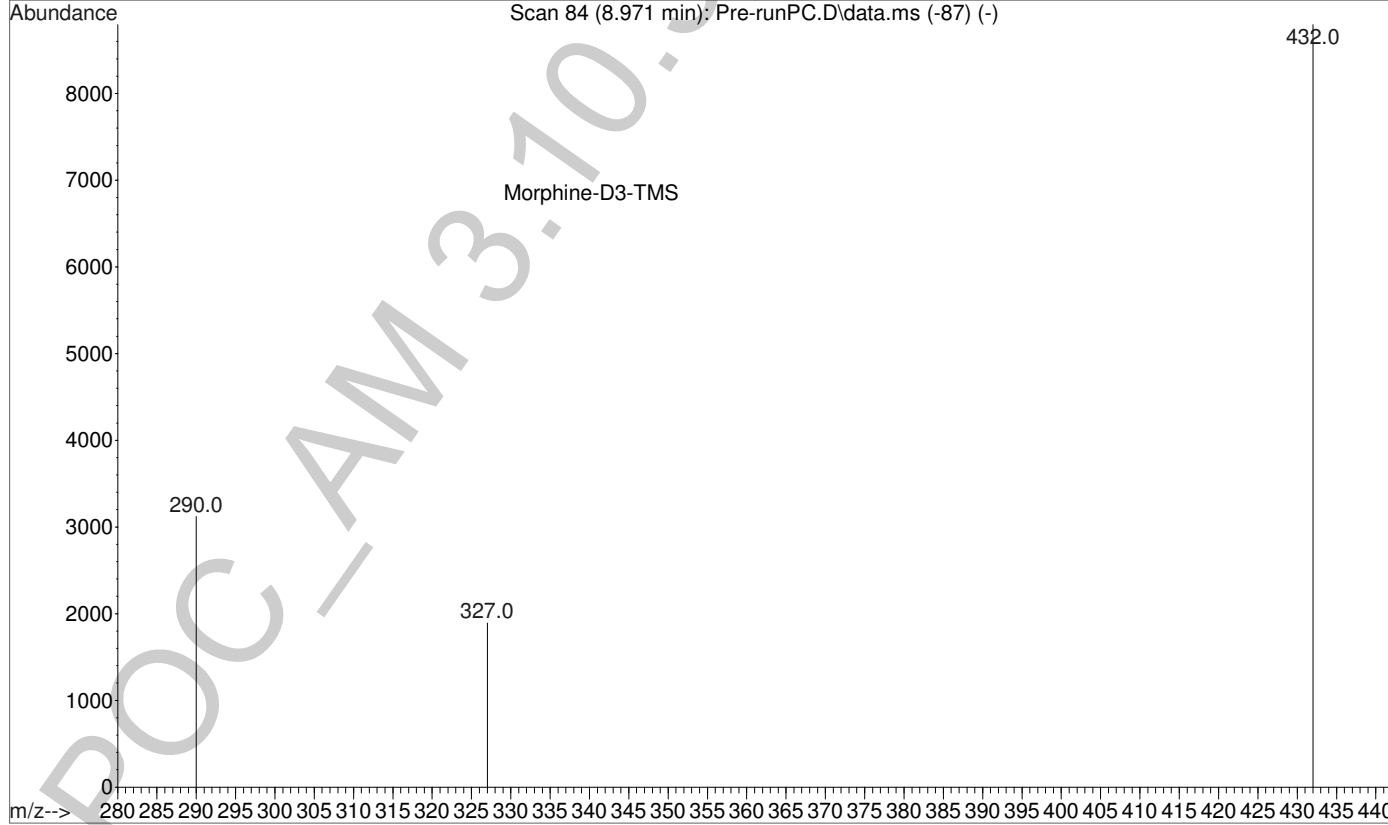
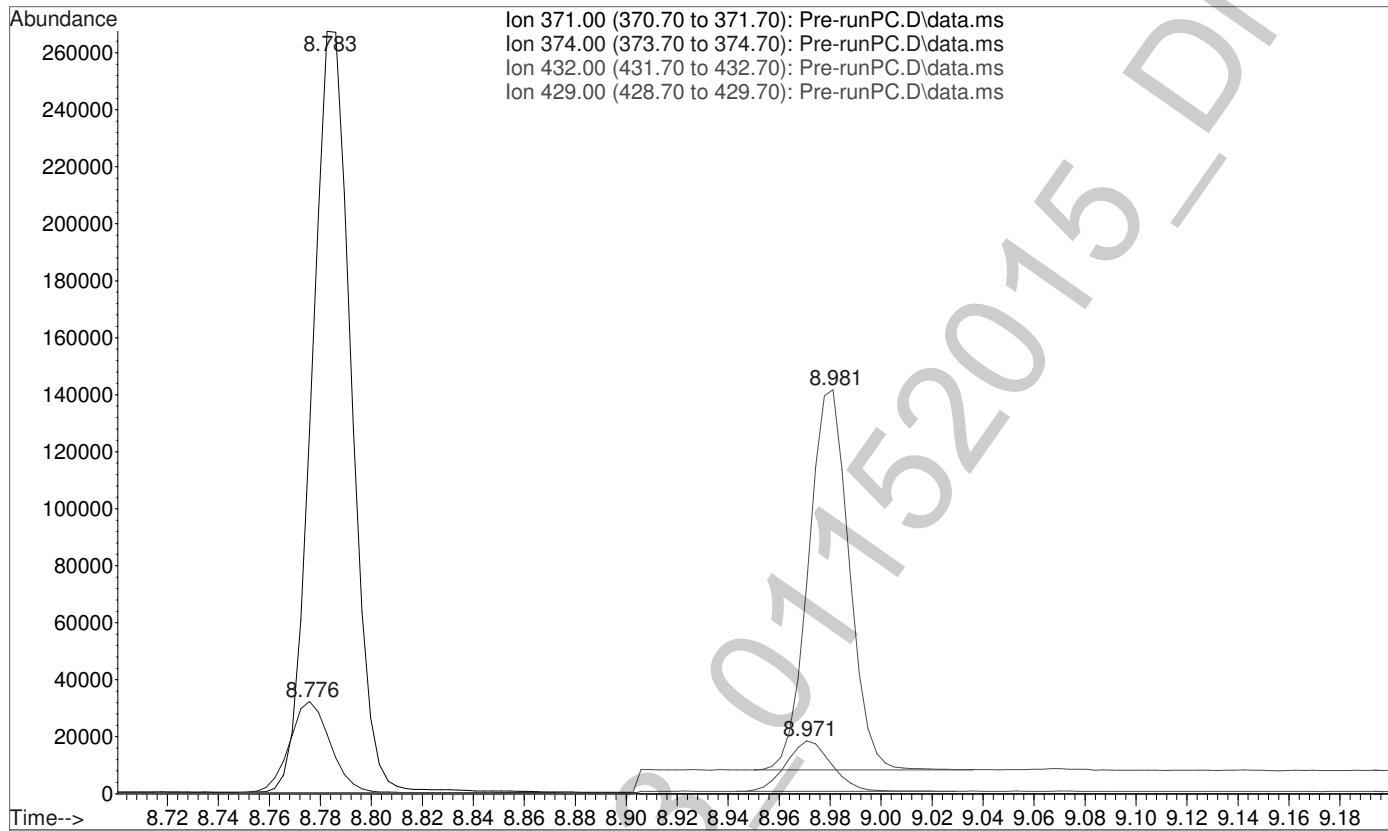
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Operator : Pocatello Laboratory
Acquired : 15 Jan 2015 16:35 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



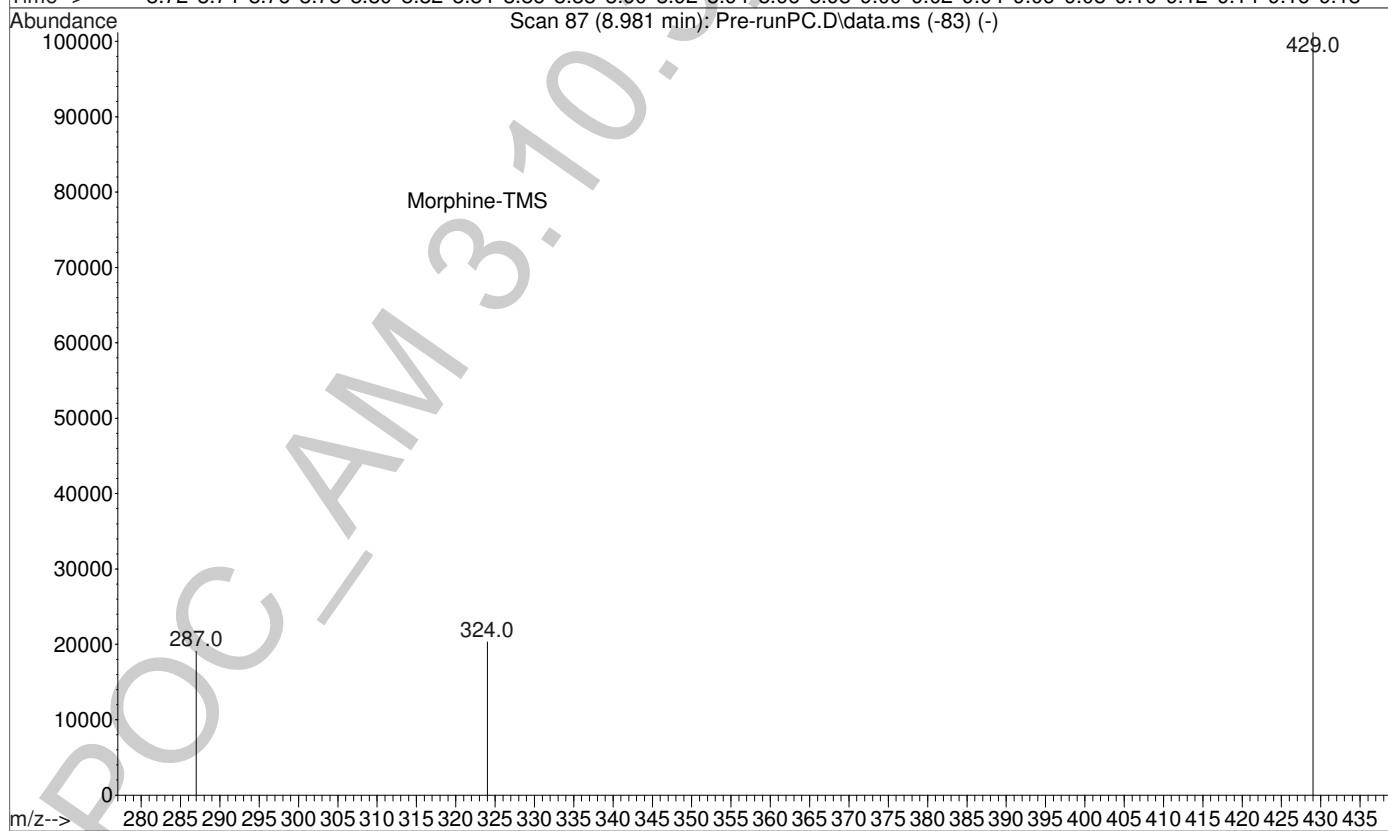
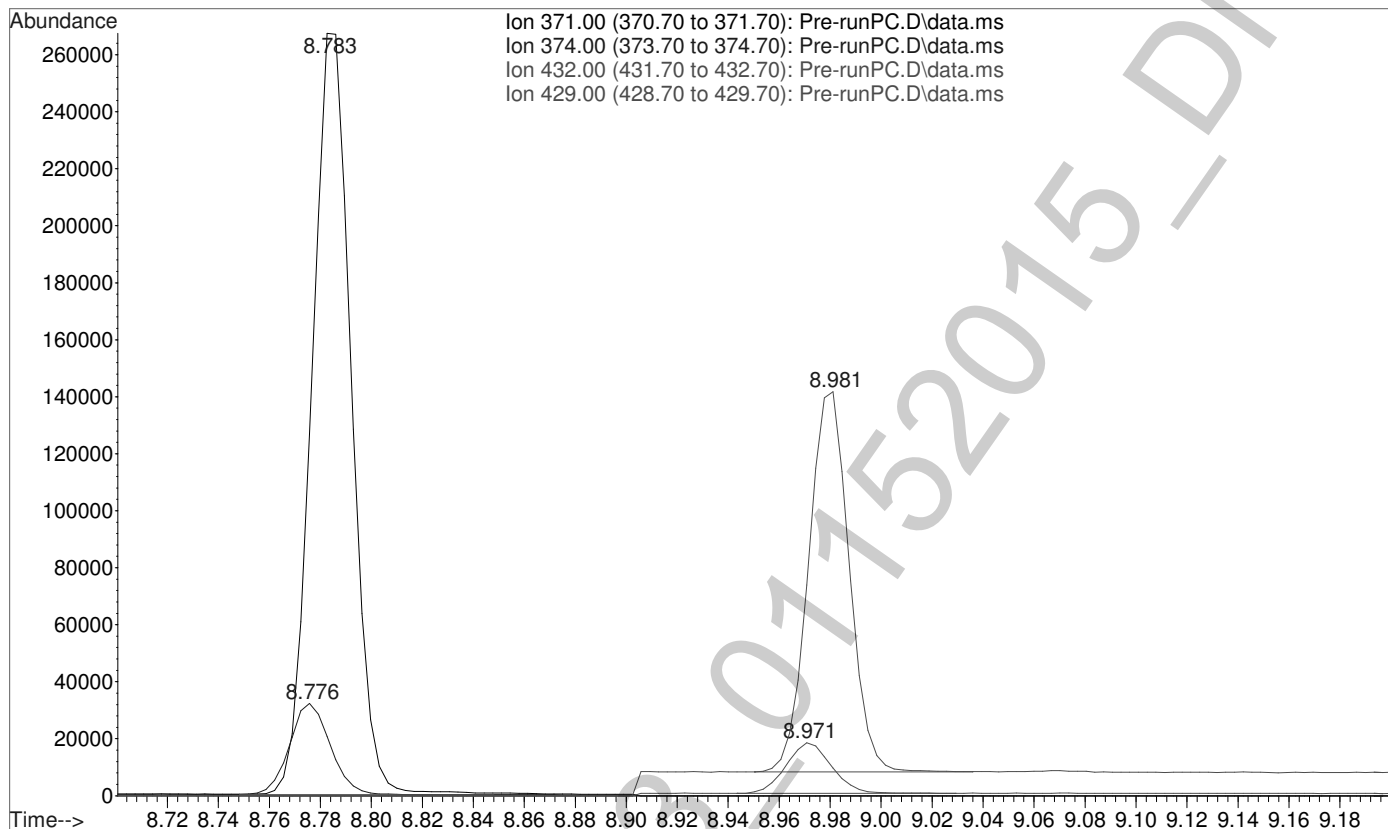
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Operator : Pocatello Laboratory
Acquired : 15 Jan 2015 16:35 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



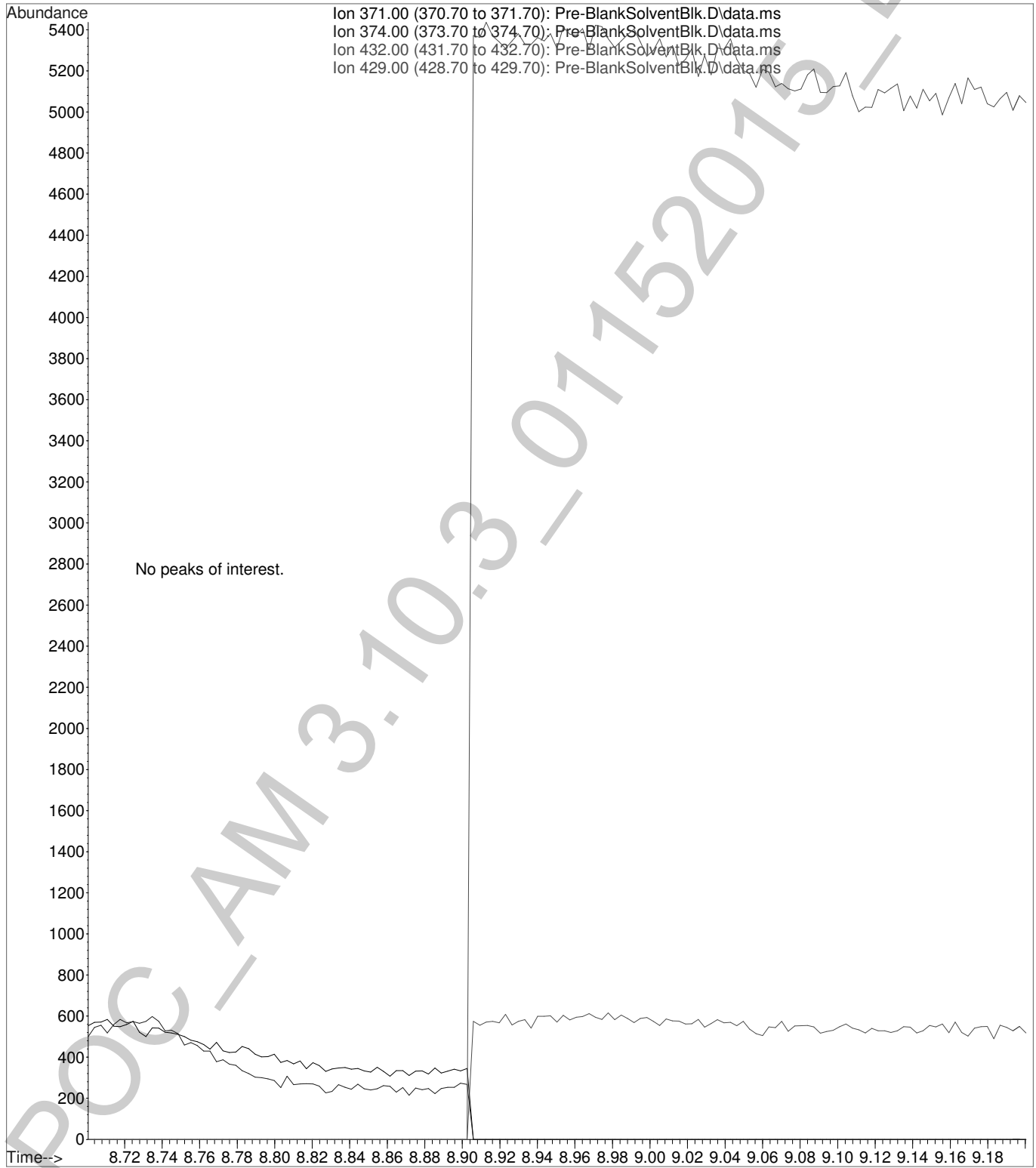
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Acquired : 15 Jan 2015 16:35 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



File :C:\gcms\1\data\Blood\011515OP\Pre-runPC.D
Operator : Pocatello Laboratory
Acquired : 15 Jan 2015 16:35 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



File :C:\gcms\1\data\Blood\011515OP\Pre-BlankSolventBlk.D
Operator : Pocatello Laboratory
Acquired : 15 Jan 2015 16:54 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: Pre-run Solvent Blank
Misc Info : CHCl3
Vial Number: 99



Calibration data of Codeine-D3-TMS

LvLID	Amount (ratio)	Response (ratio)	Data File
1	100.0000	28154.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-1-25.D
2	100.0000	31042.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-2-50.D
3	100.0000	33406.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-3-100.D
4	100.0000	35233.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-4-250.D
5	100.0000	36388.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-5-500.D
6	100.0000	41092.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-6-1000.D

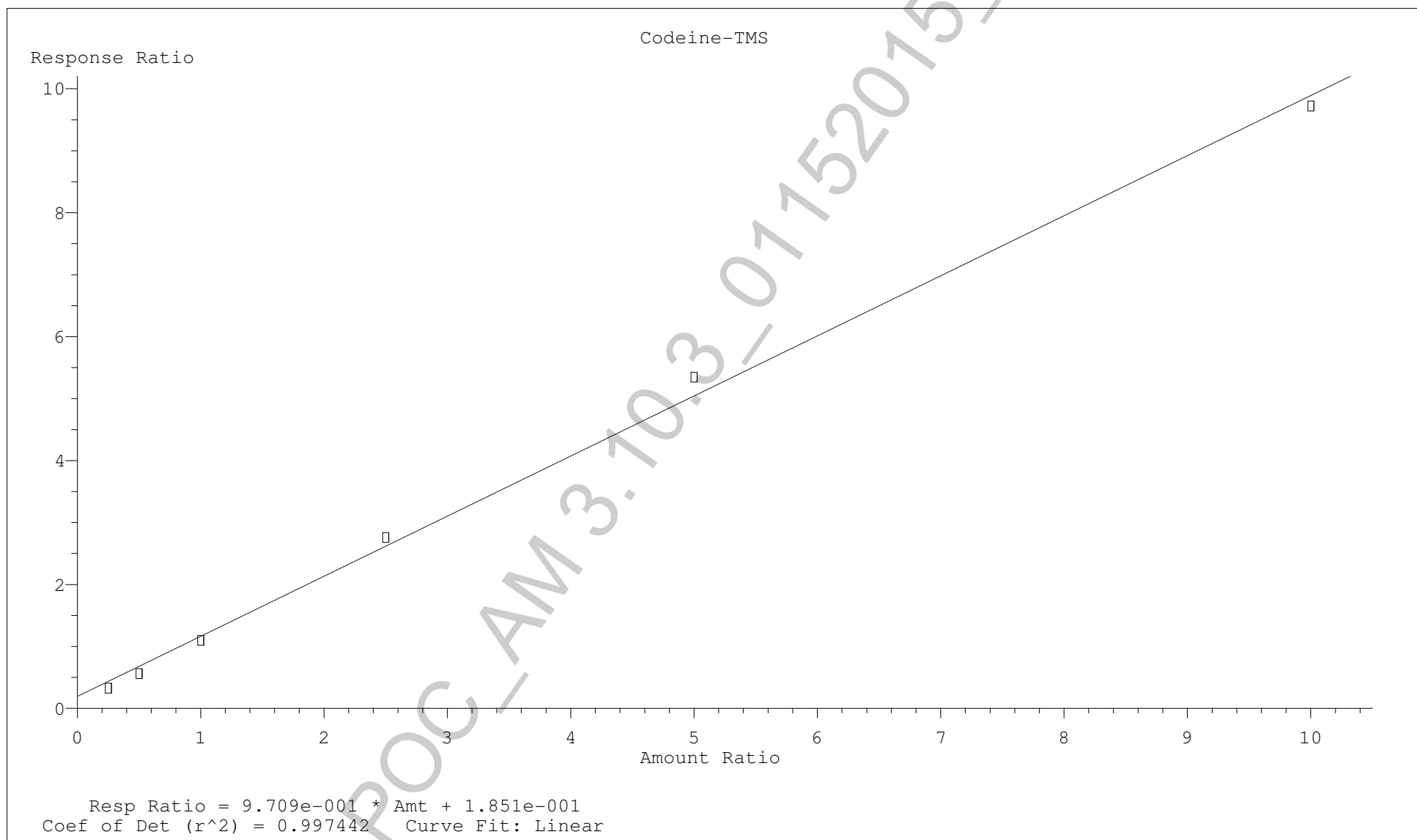
Internal Standard



POC_AM 3.10.3_01152015-DND

Calibration data of Codeine-TMS

LvLID	Amount (ratio)	Response (ratio)	bias (%)	Data File
1	0.2500	0.324465	-24.15	C:\gcms\1\data\Blood\011515OP\CalLevel-1-25.D
2	0.5000	0.558276	-16.74	C:\gcms\1\data\Blood\011515OP\CalLevel-2-50.D
3	1.0000	1.097168	-5.09	C:\gcms\1\data\Blood\011515OP\CalLevel-3-100.D
4	2.5000	2.755570	5.49	C:\gcms\1\data\Blood\011515OP\CalLevel-4-250.D
5	5.0000	5.345059	6.06	C:\gcms\1\data\Blood\011515OP\CalLevel-5-500.D
6	10.0000	9.719264	-1.76	C:\gcms\1\data\Blood\011515OP\CalLevel-6-1000.D



Calibration data of Morphine-D3-TMS

LvLID	Amount (ratio)	Response (ratio)	Data File
1	100.0000	19756.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-1-25.D
2	100.0000	22154.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-2-50.D
3	100.0000	23949.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-3-100.D
4	100.0000	24810.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-4-250.D
5	100.0000	27751.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-5-500.D
6	100.0000	34479.000000	C:\gcms\1\data\Blood\011515OP\CalLevel-6-1000.D

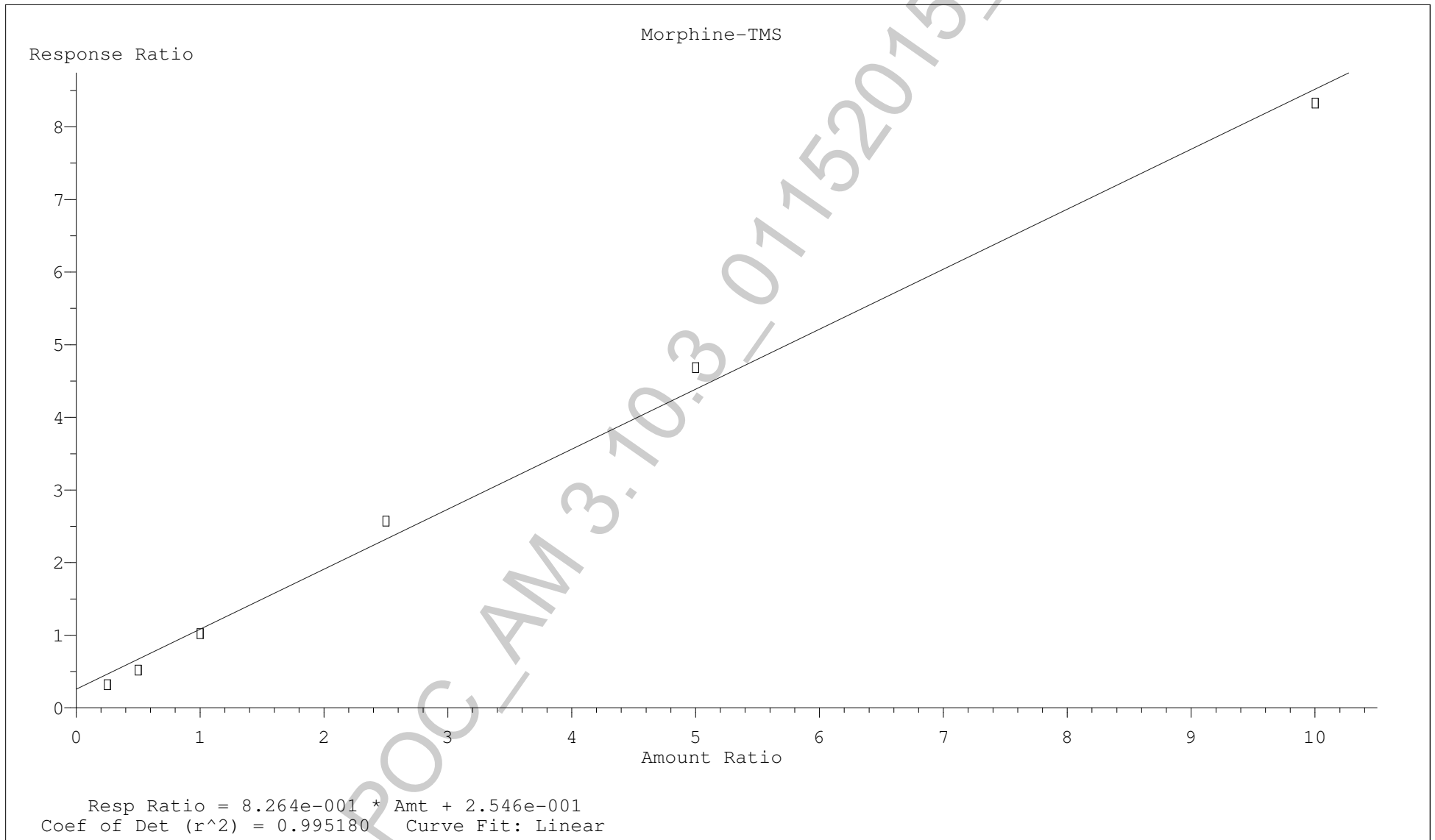
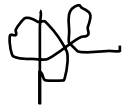


Internal Standard

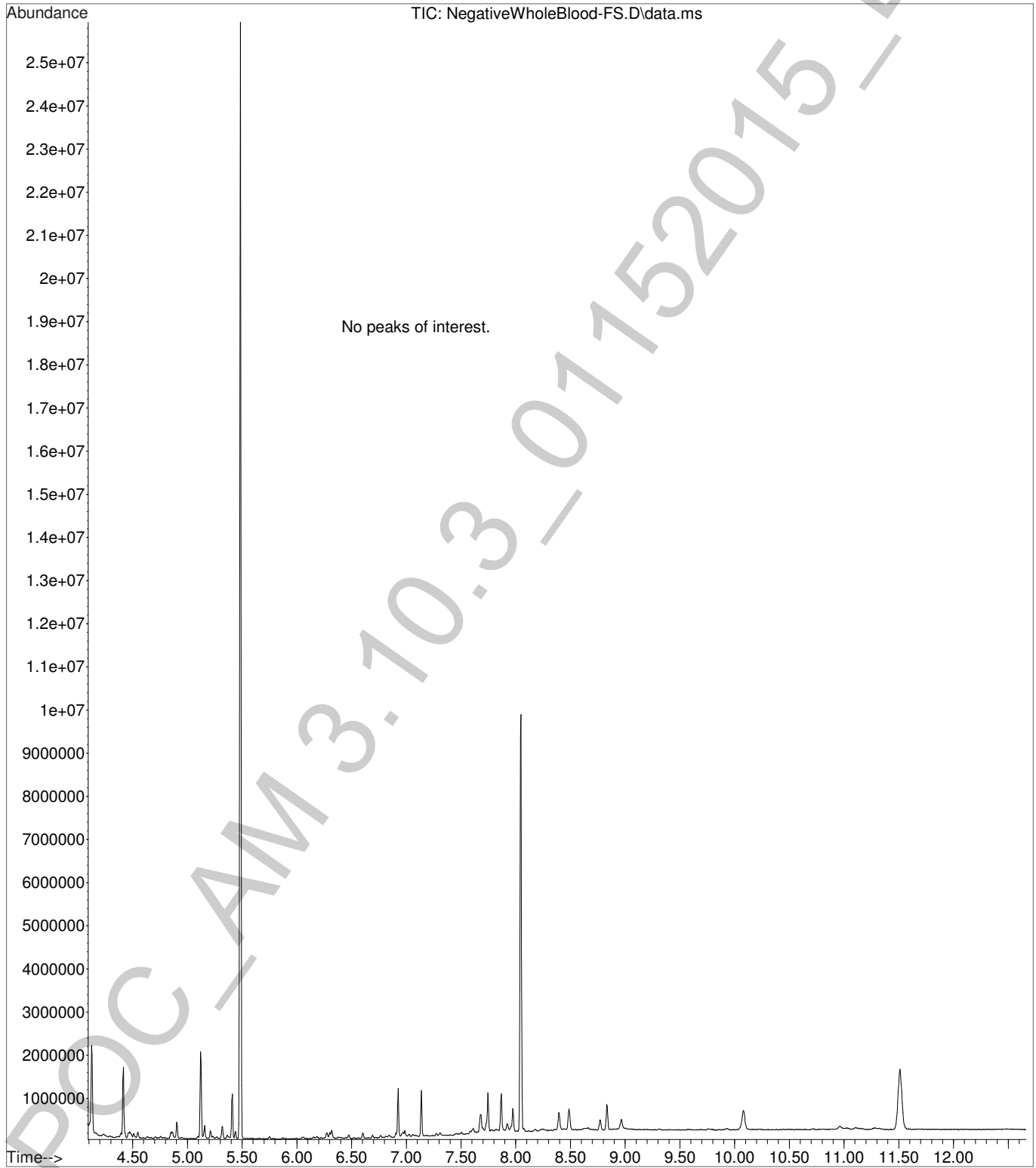
POC_AM 3.10.3_01152015-DND

Calibration data of Morphine-TMS

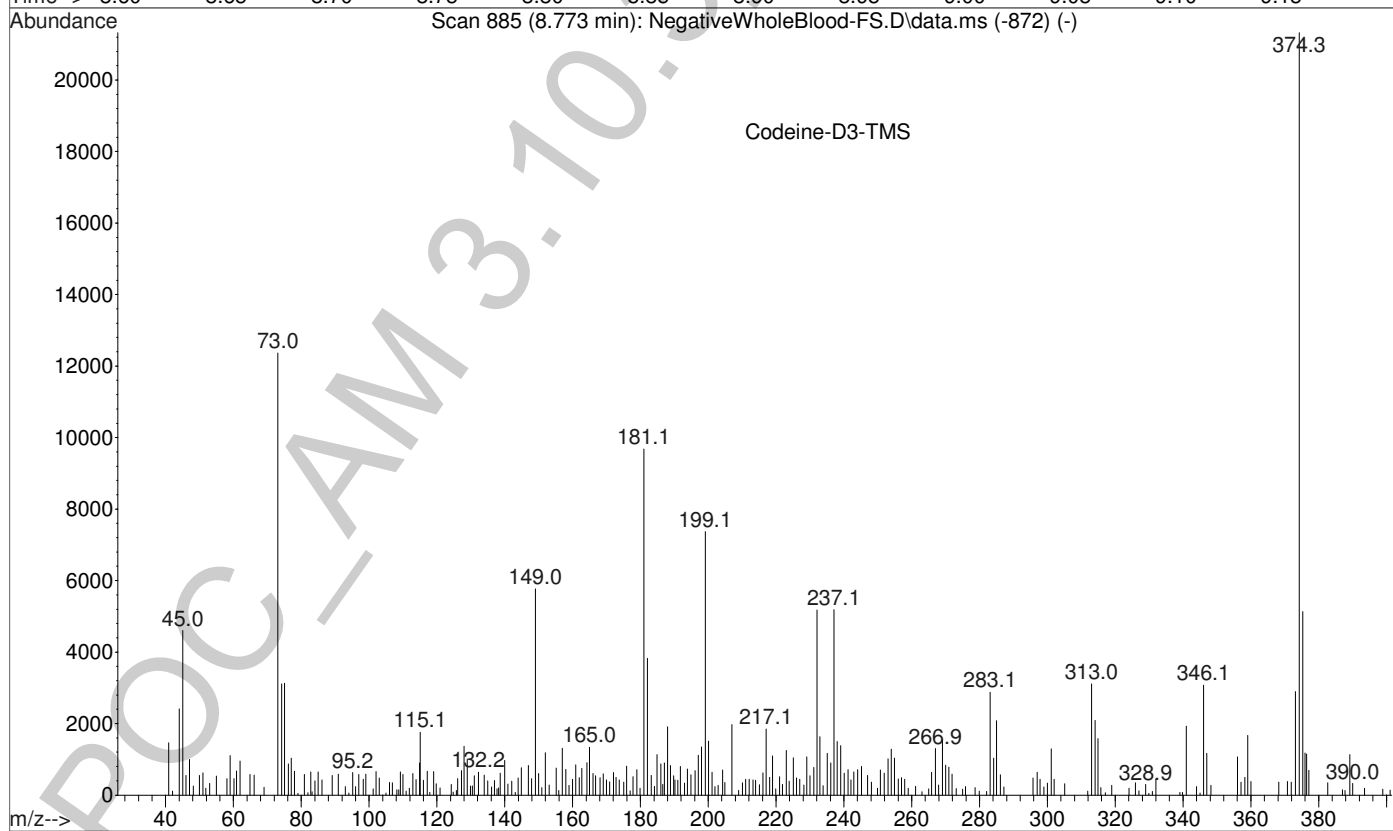
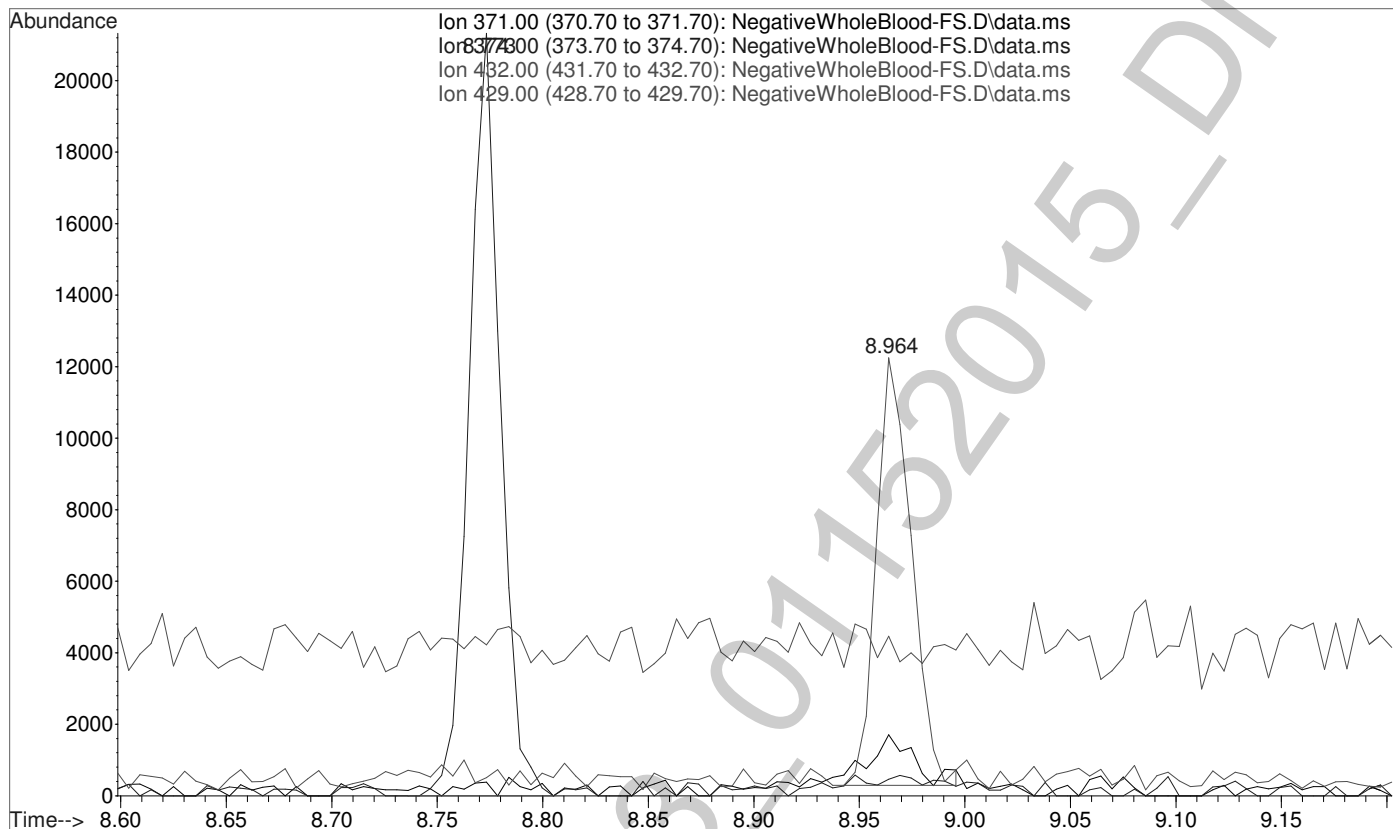
LvLID	Amount (ratio)	Response (ratio)	bias (%)	Data File
1	0.2500	0.316613	-31.35	C:\gcms\1\data\Blood\011515OP\CalLevel-1-25.D
2	0.5000	0.519139	-22.26	C:\gcms\1\data\Blood\011515OP\CalLevel-2-50.D
3	1.0000	1.022172	-5.44	C:\gcms\1\data\Blood\011515OP\CalLevel-3-100.D
4	2.5000	2.569367	10.72	C:\gcms\1\data\Blood\011515OP\CalLevel-4-250.D
5	5.0000	4.683759	6.77	C:\gcms\1\data\Blood\011515OP\CalLevel-5-500.D
6	10.0000	8.324806	-2.28	C:\gcms\1\data\Blood\011515OP\CalLevel-6-1000.D



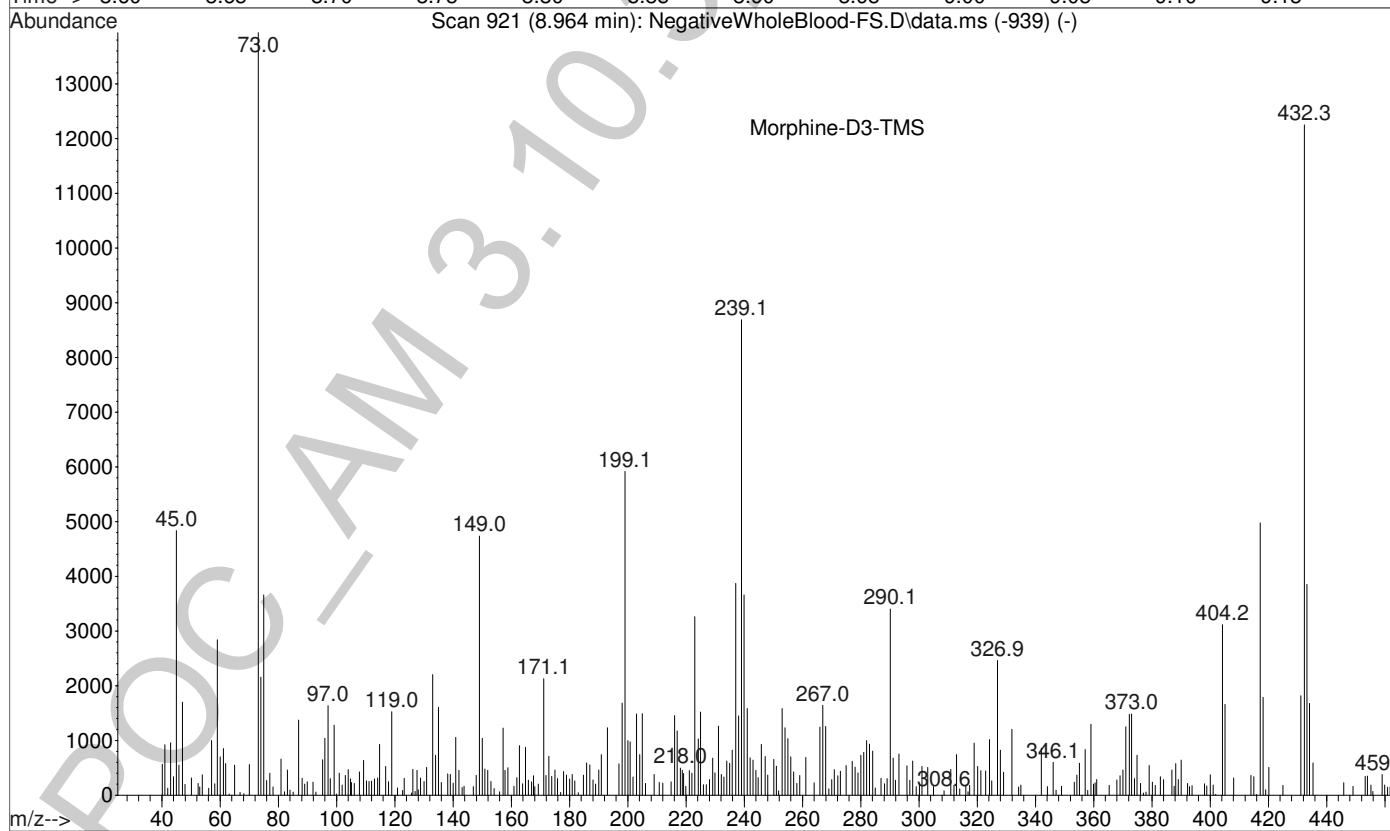
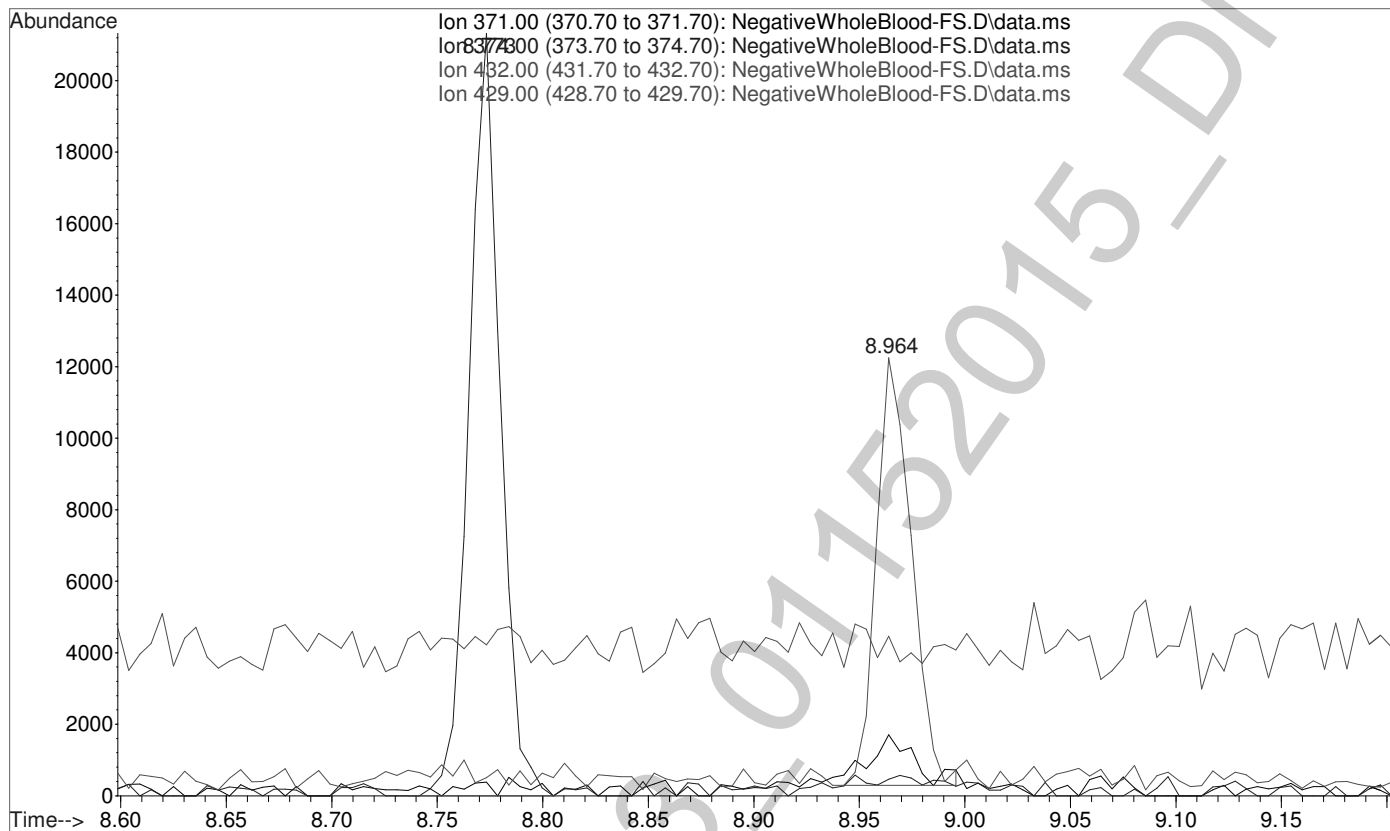
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Operator : Pocatello Laboratory
Acquired : 15 Jan 2015 17:31 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: Negative Whole Blood Utak Lot B0130
Misc Info : Analytical Method 3.10.3
Vial Number: 1



File :C:\gcms\1\data\Blood\011515OP\NegativeWholeBlood-FS.D
Operator : Pocatello Laboratory
Acquired : 15 Jan 2015 17:31 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: Negative Whole Blood Utak Lot B0130
Misc Info : Analytical Method 3.10.3
Vial Number: 1



File :C:\gcms\1\data\Blood\011515OP\NegativeWholeBlood-FS.D
Operator : Pocatello Laboratory
Acquired : 15 Jan 2015 17:31 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: Negative Whole Blood Utak Lot B0130
Misc Info : Analytical Method 3.10.3
Vial Number: 1



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : NegativeWholeBlood.D
 Acq On : 15 Jan 2015 17:12
 Operator : Pocatello Laboratory
 Sample : Negative Whole Blood Utak Lot B0130
 Misc : Analytical Method 3.10.3
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 16 15:10:30 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.772	374	32827	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.967	432	18990	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.783	371	367	Below Cal		Qvalue # 1
4) Morphine-TMS	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

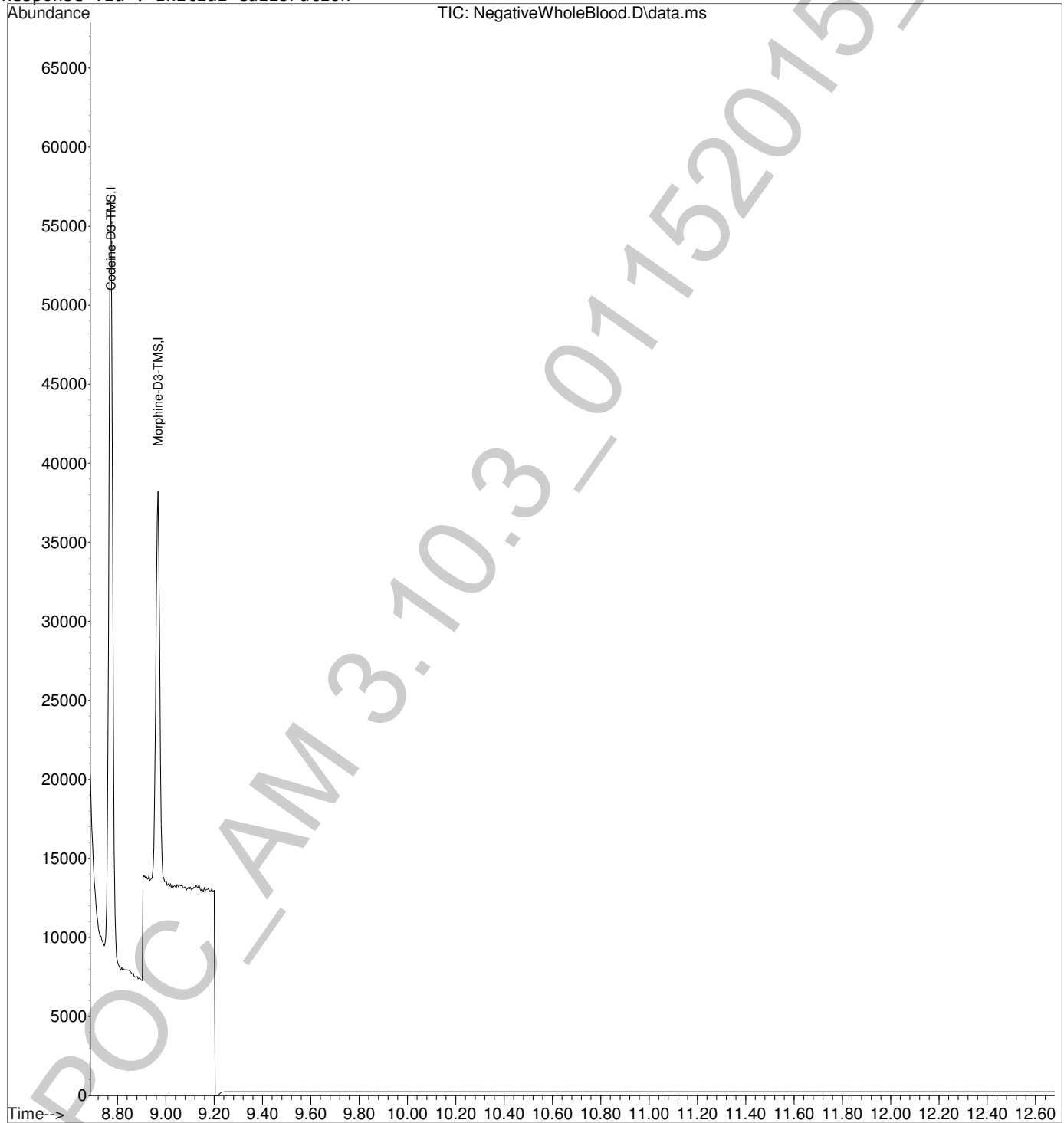
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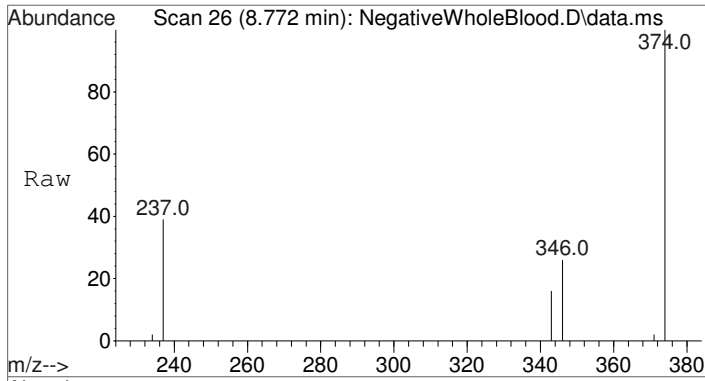
Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : NegativeWholeBlood.D
Acq On : 15 Jan 2015 17:12
Operator : Pocatello Laboratory
Sample : Negative Whole Blood Utak Lot B0130
Misc : Analytical Method 3.10.3
ALS Vial : 1 Sample Multiplier: 1



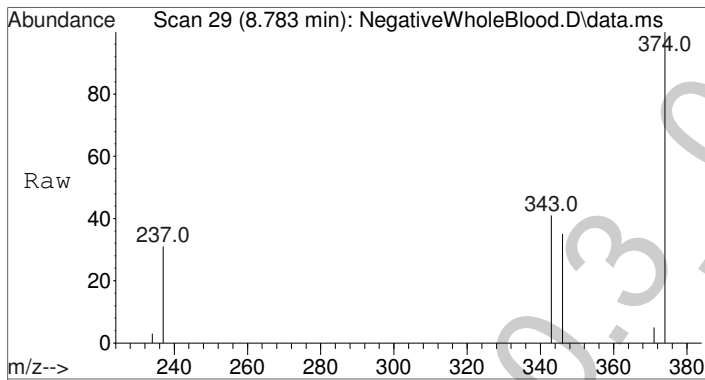
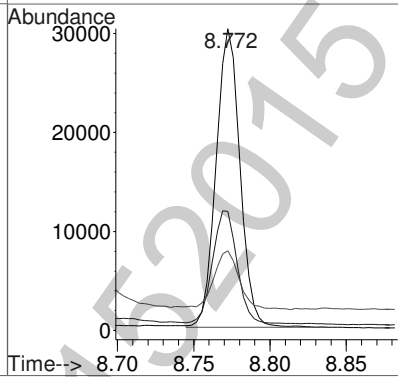
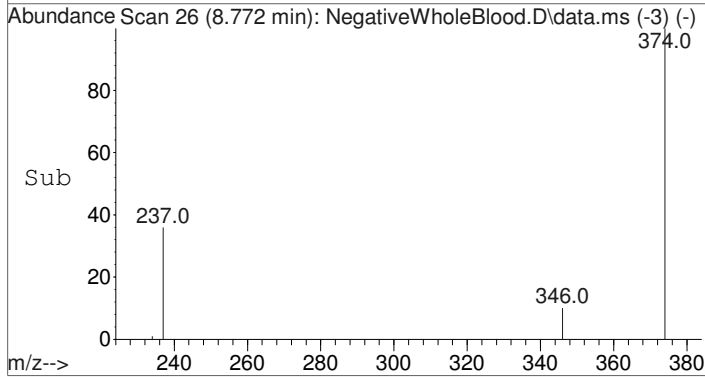
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Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





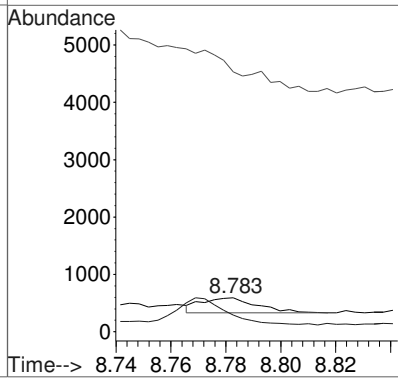
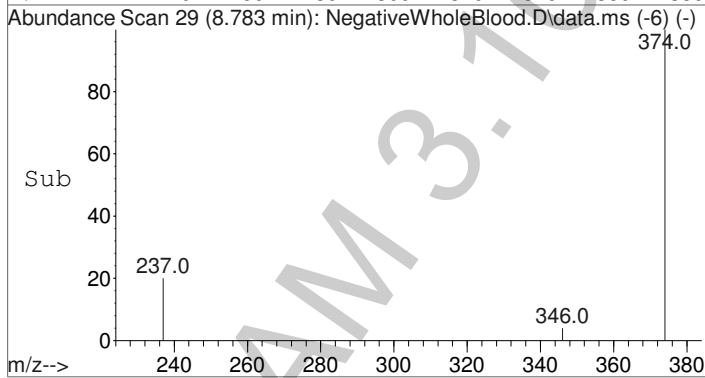
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.772 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: NegativeWholeBlood.D
 Acq: 15 Jan 2015 17:12

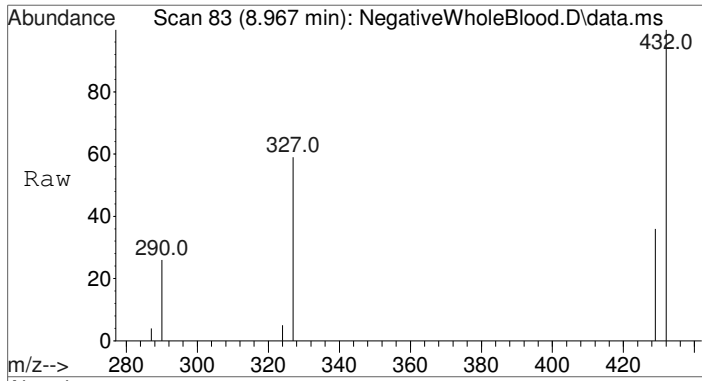
Tgt Ion	Resp	Lower	Upper
374	32827		
374	100		
237	38.9	33.0	49.6
346	21.3	16.4	24.6



#2
 Codeine-TMS
 Concen: Below Cal
 RT: 8.783 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: NegativeWholeBlood.D
 Acq: 15 Jan 2015 17:12

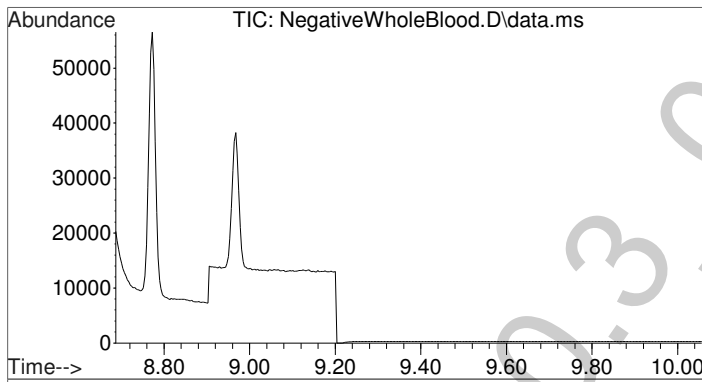
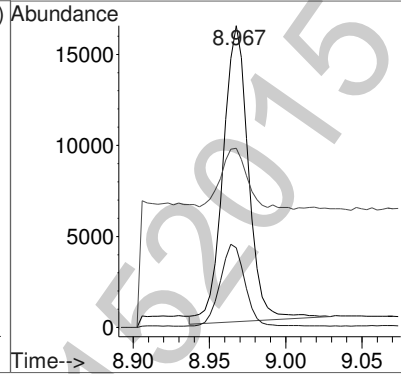
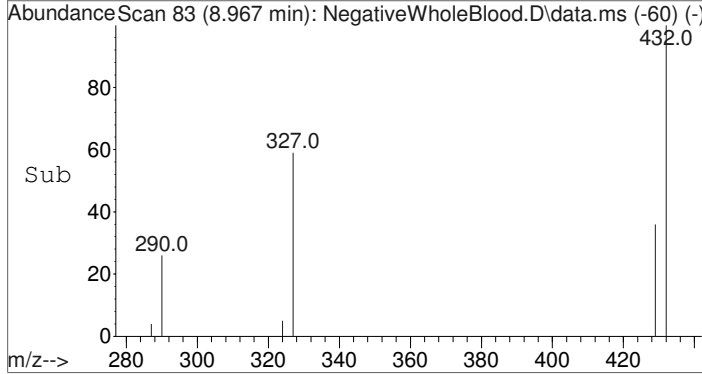
Tgt Ion	Resp	Lower	Upper
371	367		
371	100		
234	153.1	29.6	44.4#
343	0.0	17.6	26.4#





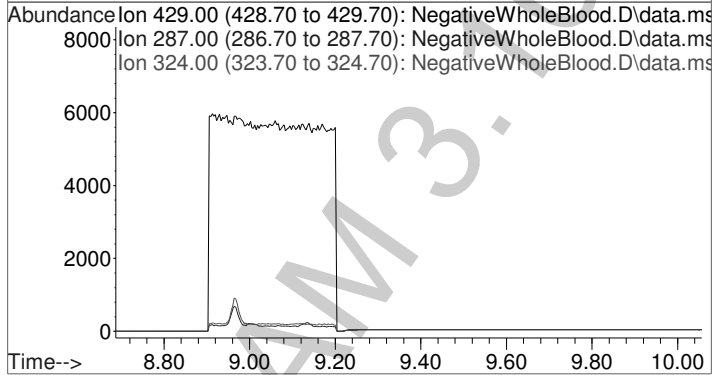
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.967 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: NegativeWholeBlood.D
 Acq: 15 Jan 2015 17:12

Tgt Ion	Resp	Lower	Upper
432	100		
290	26.7	21.8	32.6
327	19.6	16.7	25.1

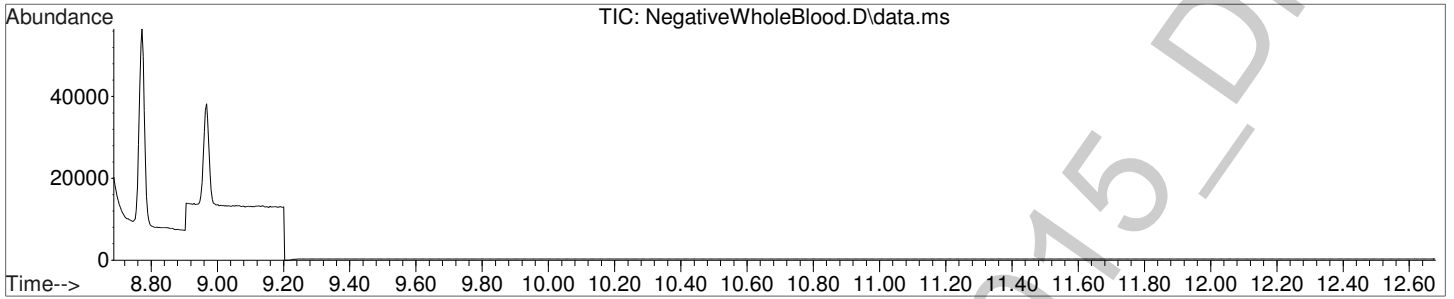


#4
 Morphine-TMS
 Concen: N.D.
 Expected RT: 8.98 min
 Lab File: NegativeWholeBlood.D
 Acq: 15 Jan 2015 17:12

Tgt Ion	Exp Ratio
429	100
287	30.7
324	27.1

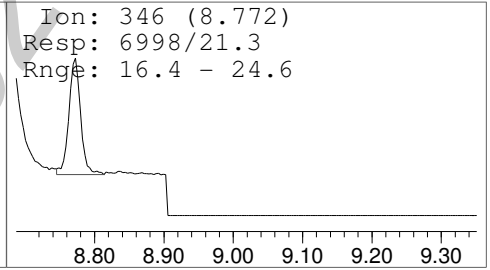
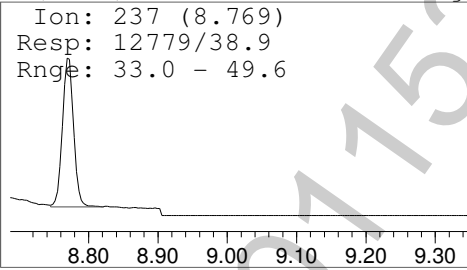
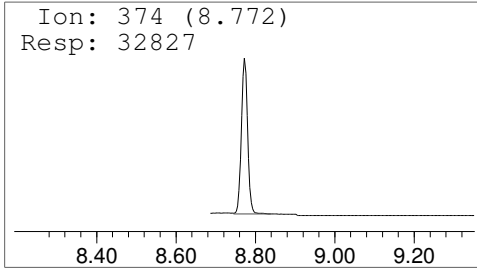


Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : NegativeWholeBlood.D
 Acq On : 15 Jan 2015 17:12
 Operator : Pocatello Laboratory
 Sample : Negative Whole Blood Utak Lot B0130
 Misc : Analytical Method 3.10.3
 ALS Vial : 1 Sample Multiplier: 1



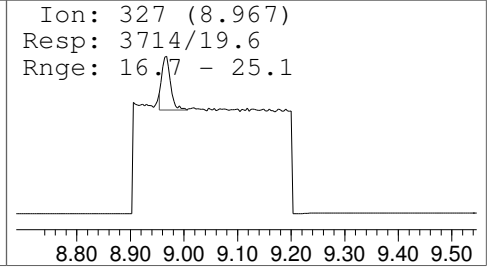
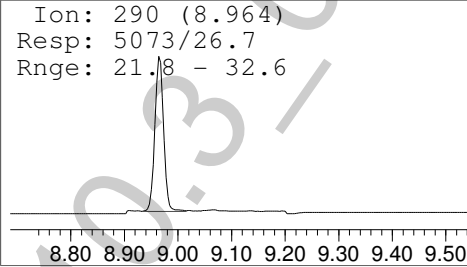
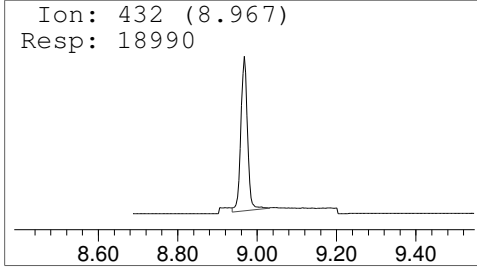
Codeine-D3-TMS

(ISTD) Amount: 100.00 ng/mL



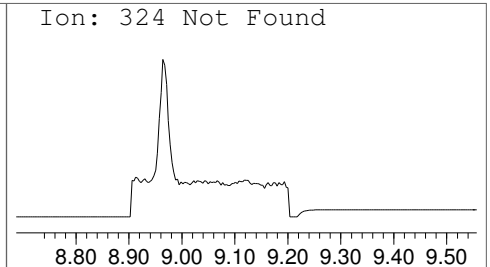
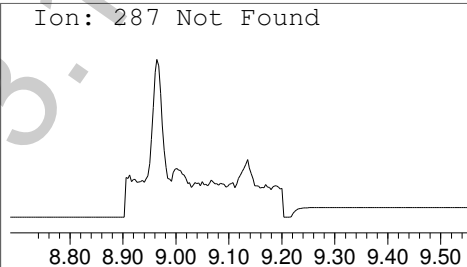
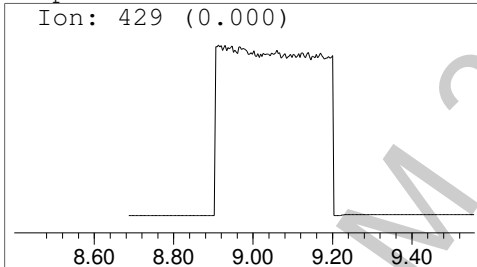
Morphine-D3-TMS

(ISTD) Amount: 100.00 ng/mL



Morphine-TMS

Amount: Not Found



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-1-25.D
 Acq On : 15 Jan 2015 17:50
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 1: 25ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 16 15:03:57 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.776	374	30338	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.971	432	18978	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.783	371	8417	9.17	ng/mL#	92
4) Morphine-TMS	8.978	429	4688	Below Cal	# *	80

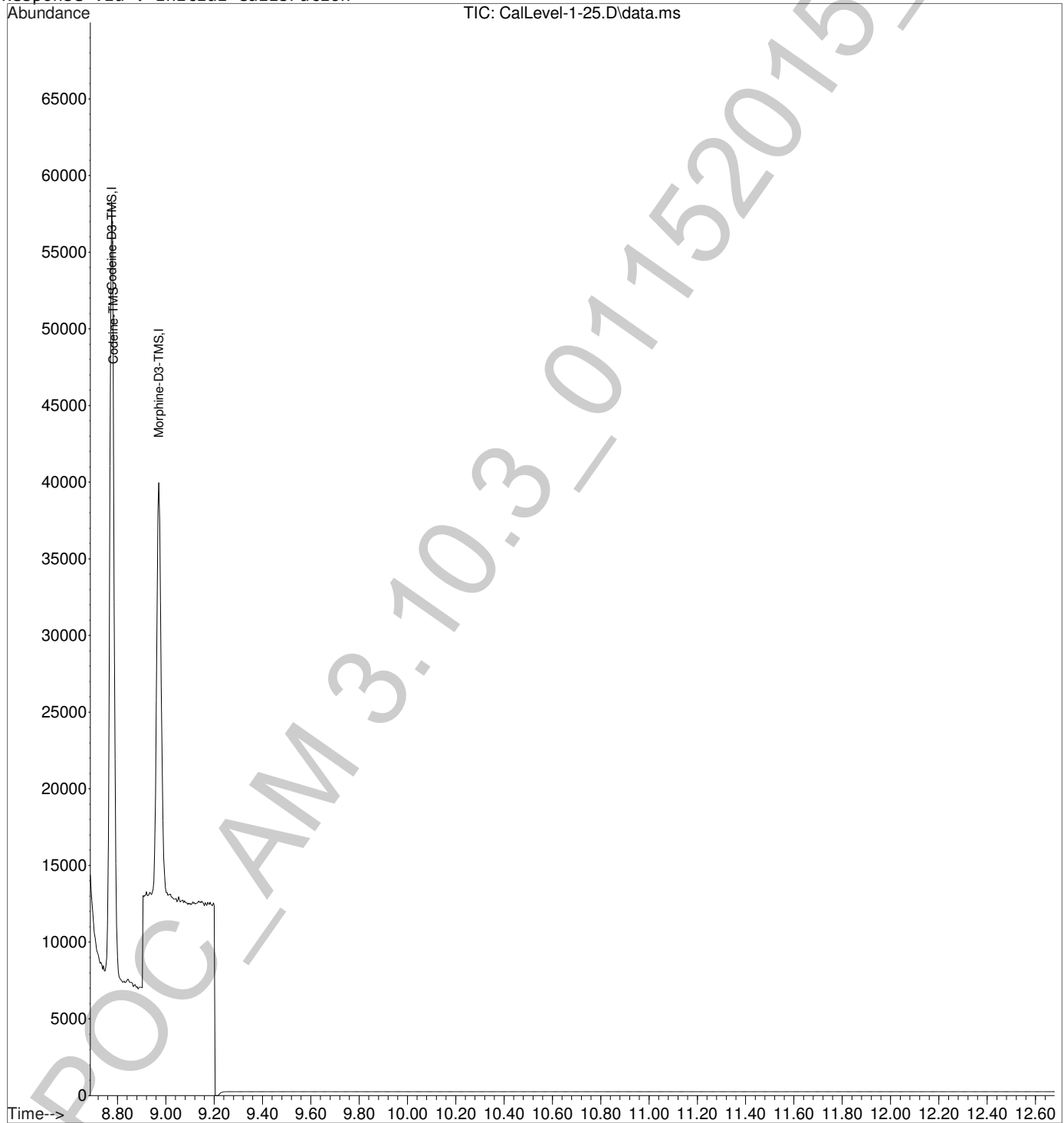
(#) = qualifier out of range (m) = manual integration (+) = signals summed

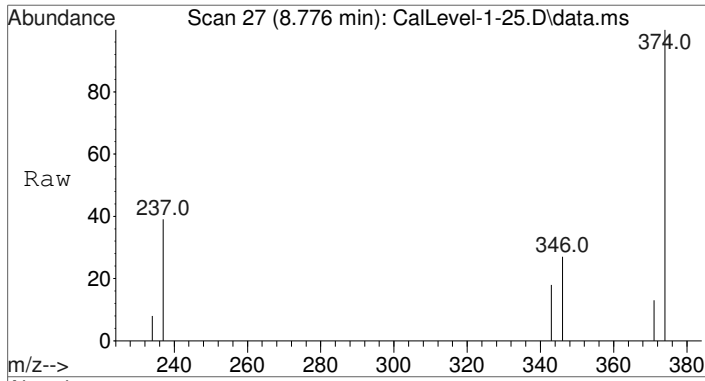
*Refer to manual integration.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : CalLevel-1-25.D
Acq On : 15 Jan 2015 17:50
Operator : Pocatello Laboratory
Sample : Calibrator Level 1: 25ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 2 Sample Multiplier: 1

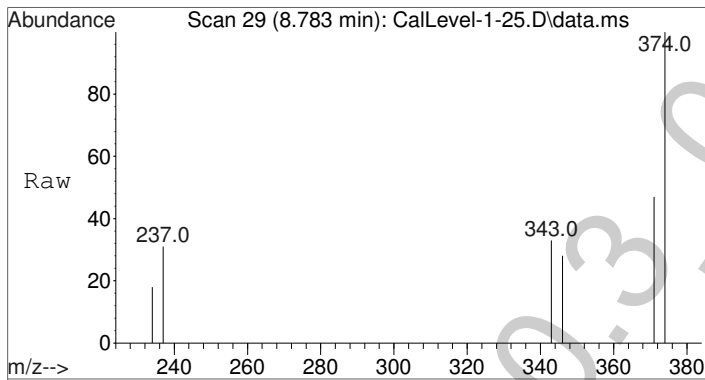
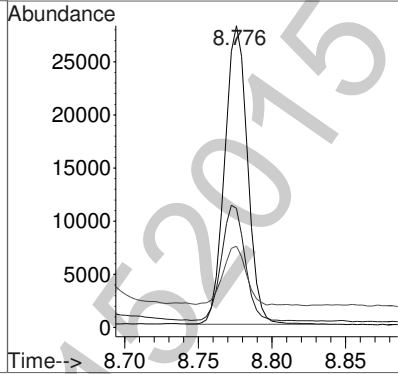
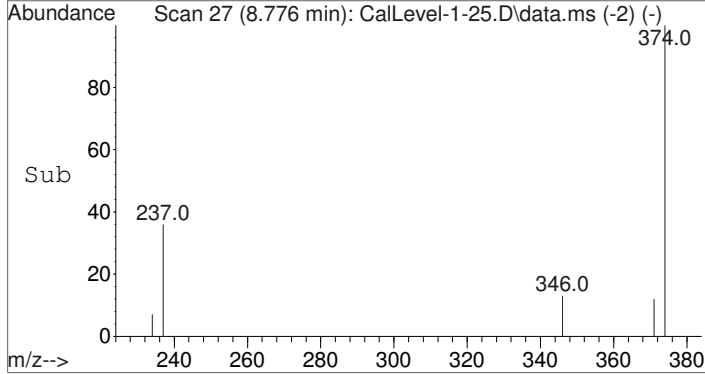
Quant Time: Jan 16 15:03:57 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





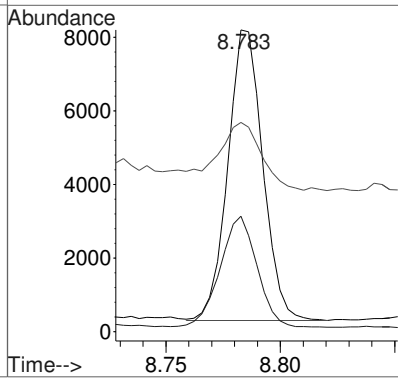
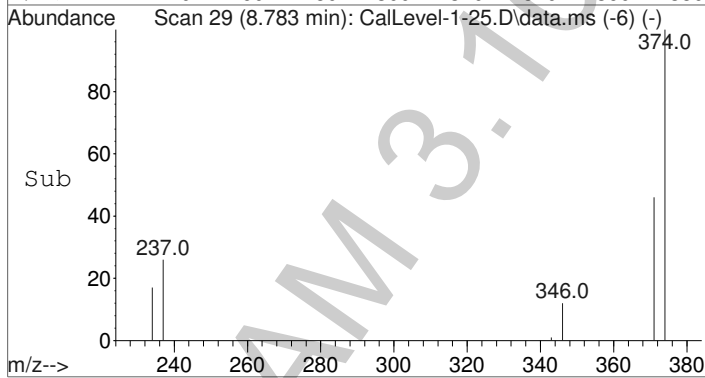
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.776 min Scan# 27
 Delta R.T. 0.004 min
 Lab File: CalLevel-1-25.D
 Acq: 15 Jan 2015 17:50

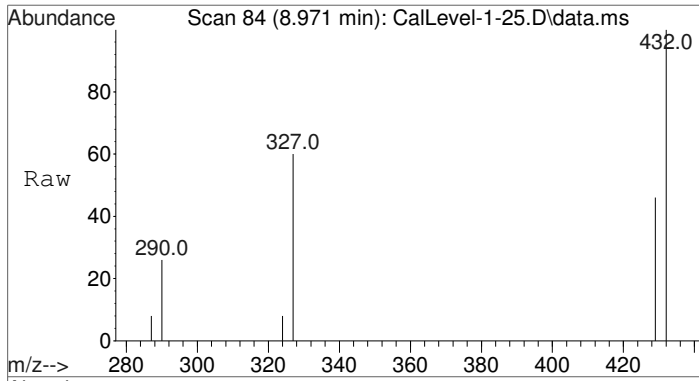
Tgt Ion	Resp	Lower	Upper
374	30338		
374	100		
237	39.4	33.0	49.6
346	20.6	16.4	24.6



#2
 Codeine-TMS
 Concen: 9.17 ng/mL
 RT: 8.783 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: CalLevel-1-25.D
 Acq: 15 Jan 2015 17:50

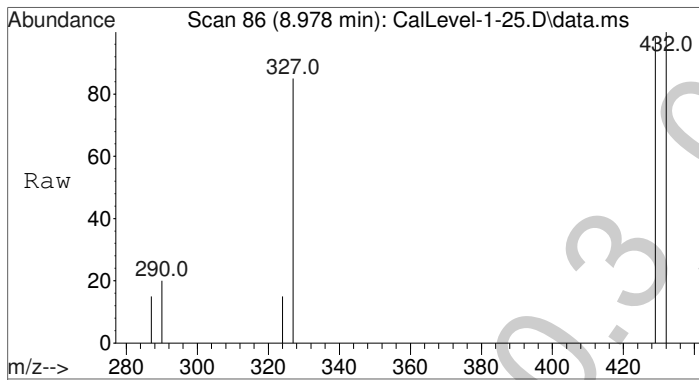
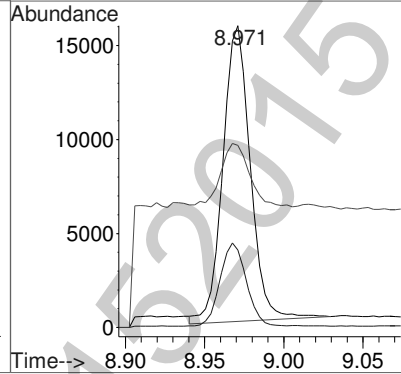
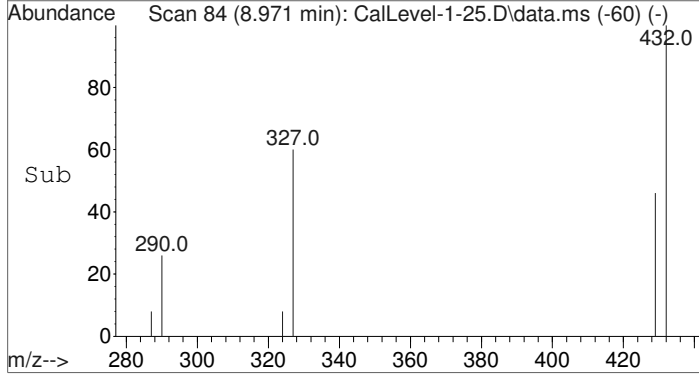
Tgt Ion	Resp	Lower	Upper
371	8417		
371	100		
234	40.3	29.6	44.4
343	27.4	17.6	26.4#





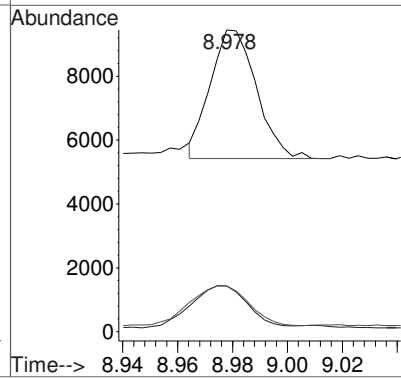
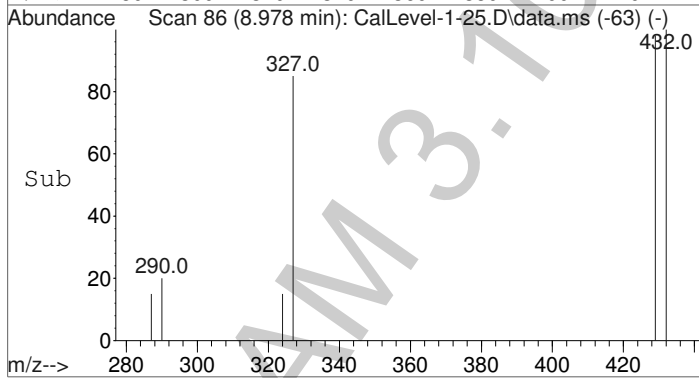
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.971 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: CalLevel-1-25.D
 Acq: 15 Jan 2015 17:50

Tgt Ion	Resp	Lower	Upper
432	100		
290	26.8	21.8	32.6
327	21.1	16.7	25.1

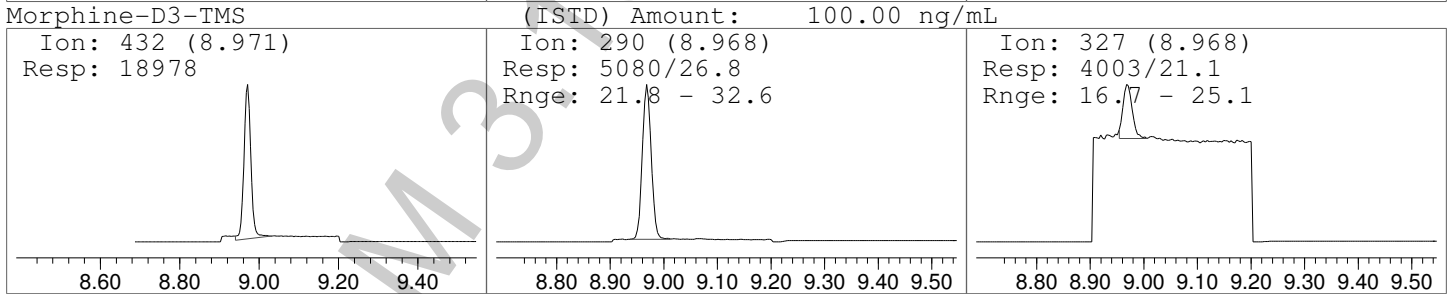
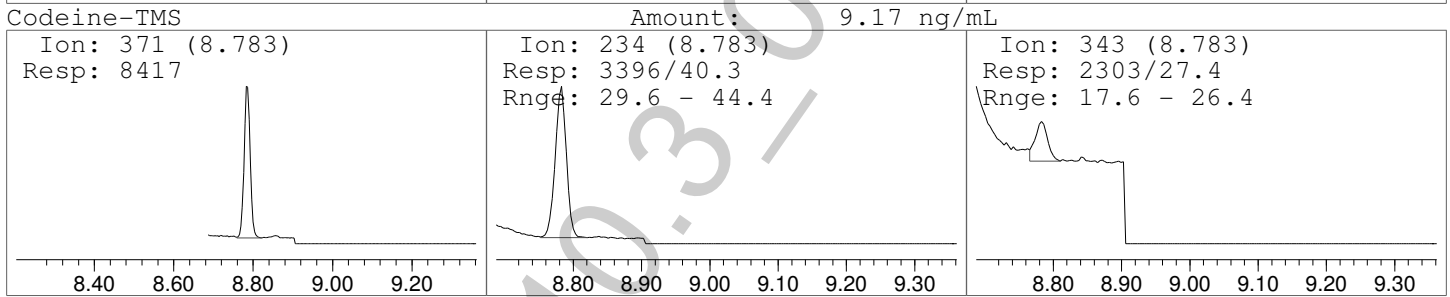
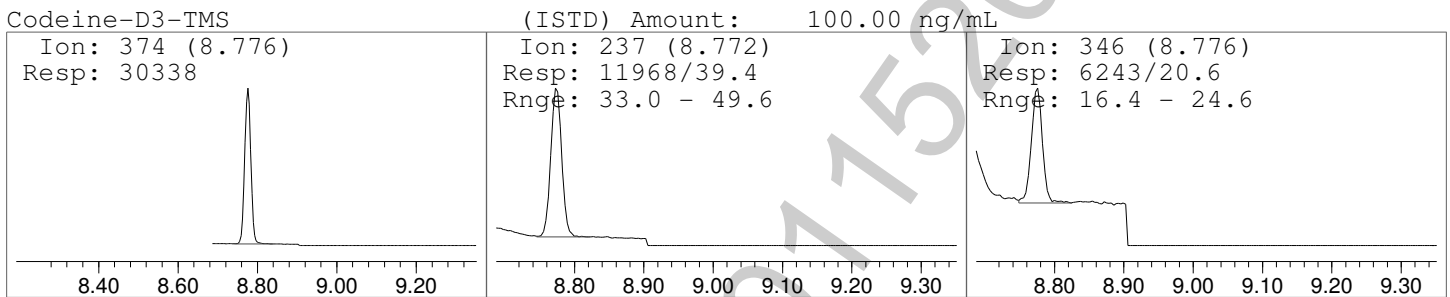
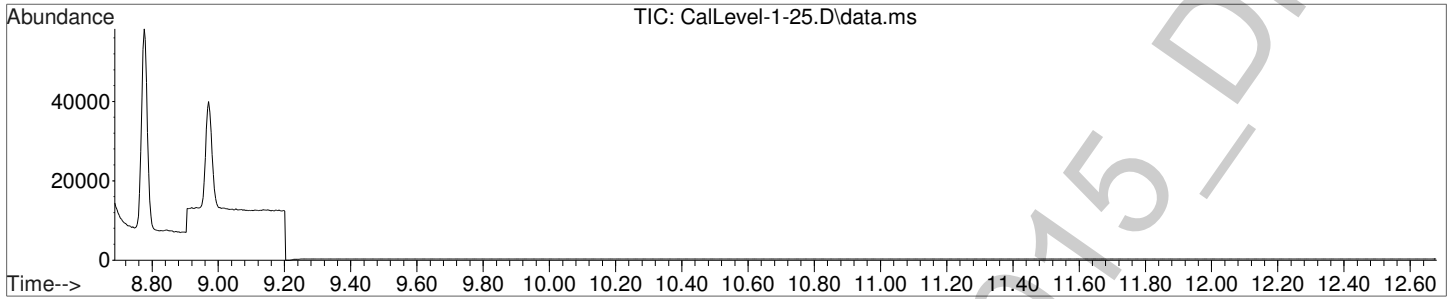


#4
 Morphine-TMS
 Concen: Below Cal
 RT: 8.978 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: CalLevel-1-25.D
 Acq: 15 Jan 2015 17:50

Tgt Ion	Resp	Lower	Upper
429	100		
287	40.3	24.6	36.8#
324	39.0	21.7	32.5#



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-1-25.D
 Acq On : 15 Jan 2015 17:50
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 1: 25ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 2 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-1-25.D
 Acq On : 15 Jan 2015 17:50
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 1: 25ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 16 15:03:57 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.776	374	30338	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.971	432	18978	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.783	371	10081m	15.14	ng/mL	Qvalue
4) Morphine-TMS	8.978	429	7057m	14.45	ng/mL	*

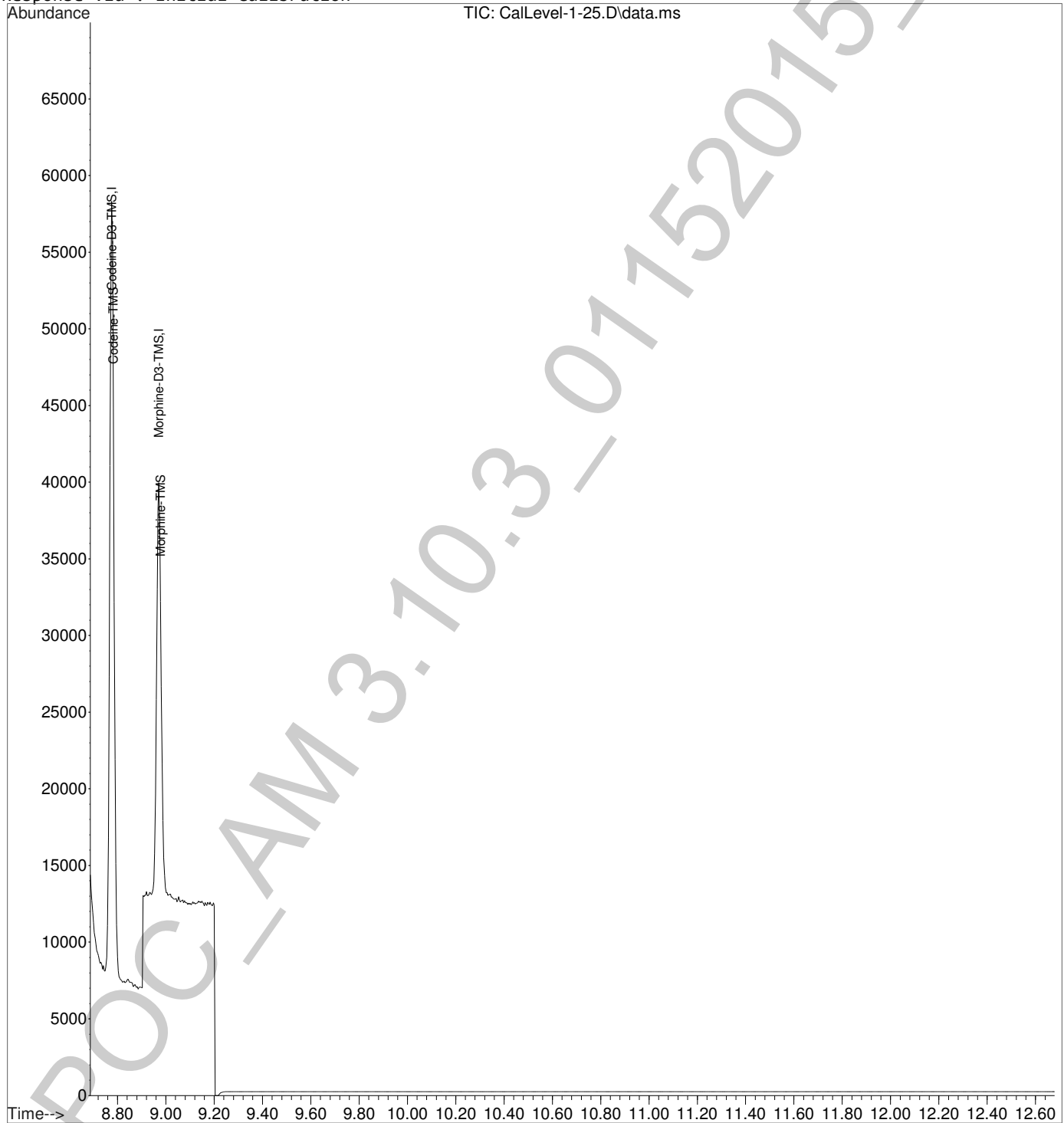
(#) = qualifier out of range (m) = manual integration (+) = signals summed

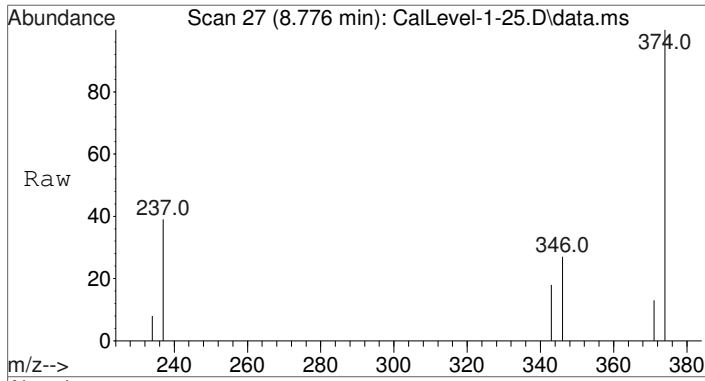
*Quantity not within 20% of expected value, but ratios meet requirements.

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : CalLevel-1-25.D
Acq On : 15 Jan 2015 17:50
Operator : Pocatello Laboratory
Sample : Calibrator Level 1: 25ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 2 Sample Multiplier: 1



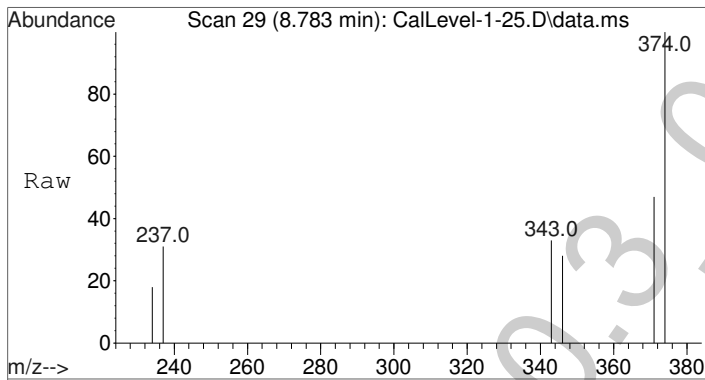
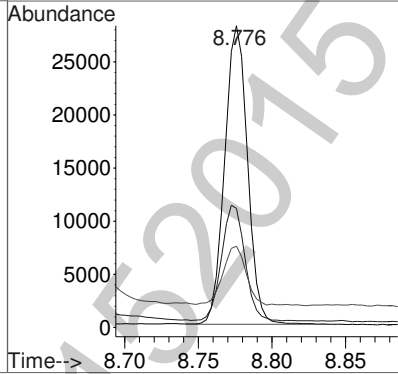
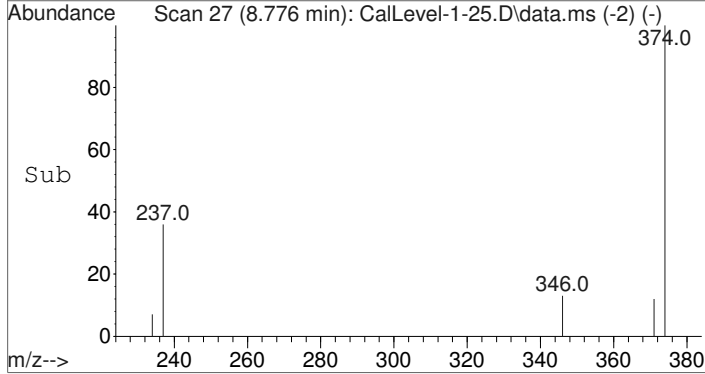
Quant Time: Jan 16 15:03:57 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





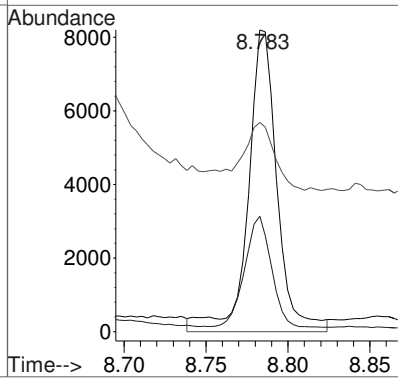
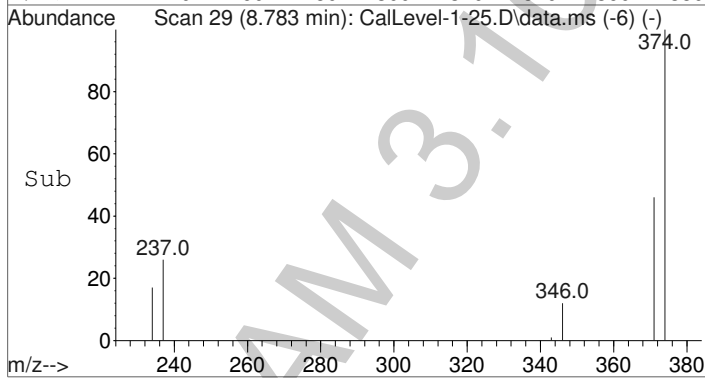
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.776 min Scan# 27
 Delta R.T. 0.004 min
 Lab File: CalLevel-1-25.D
 Acq: 15 Jan 2015 17:50

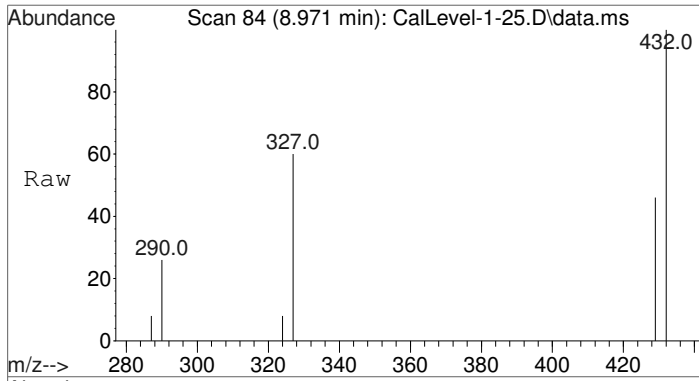
Tgt Ion	Resp	Lower	Upper
374	30338		
374	100		
237	39.4	33.0	49.6
346	20.6	16.4	24.6



#2
 Codeine-TMS
 Concen: 15.14 ng/mL m
 RT: 8.783 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: CalLevel-1-25.D
 Acq: 15 Jan 2015 17:50

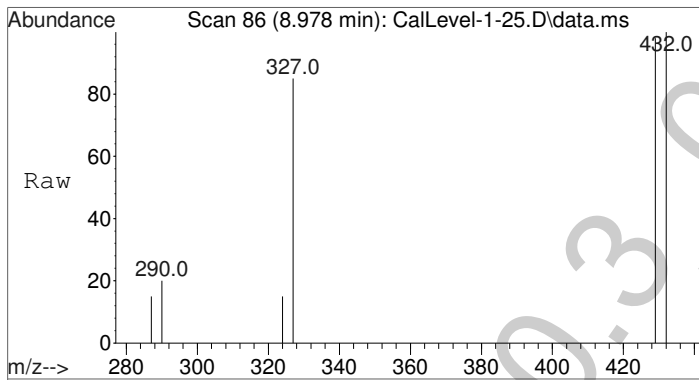
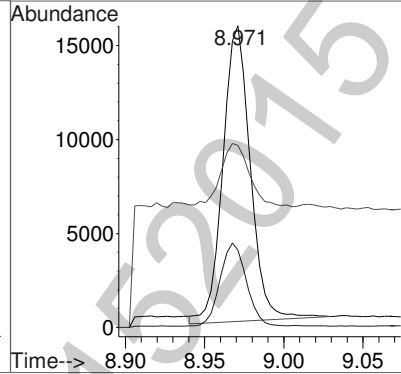
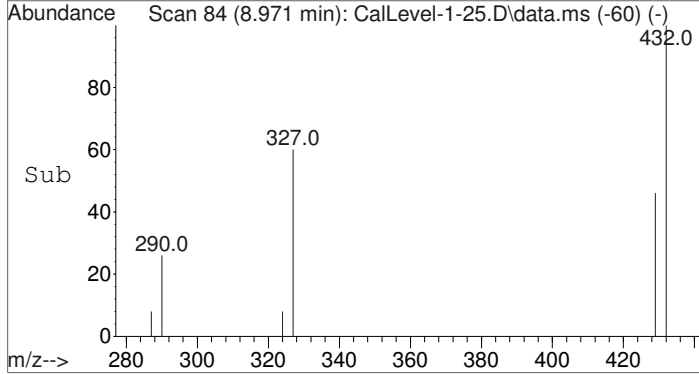
Tgt Ion	Resp	Lower	Upper
371	10081		
371	100		
234	33.7	29.6	44.4
343	22.8	17.6	26.4





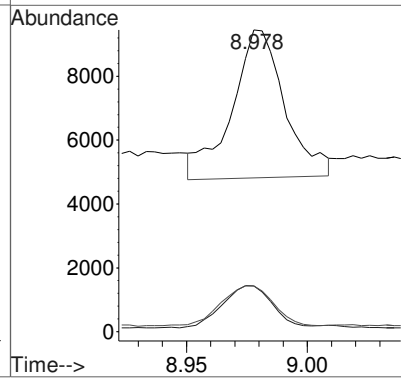
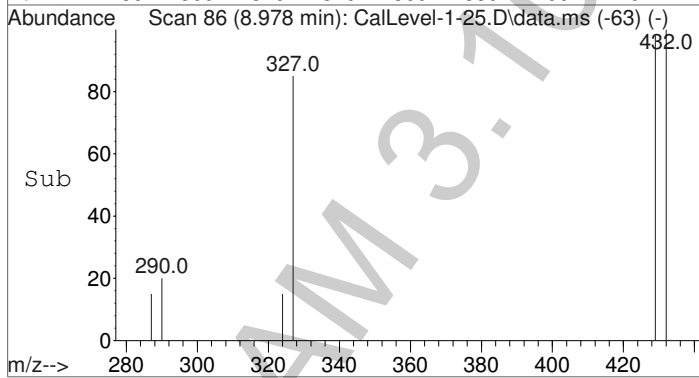
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.971 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: CalLevel-1-25.D
 Acq: 15 Jan 2015 17:50

Tgt Ion	Resp	Lower	Upper
432	100		
290	26.8	21.8	32.6
327	21.1	16.7	25.1

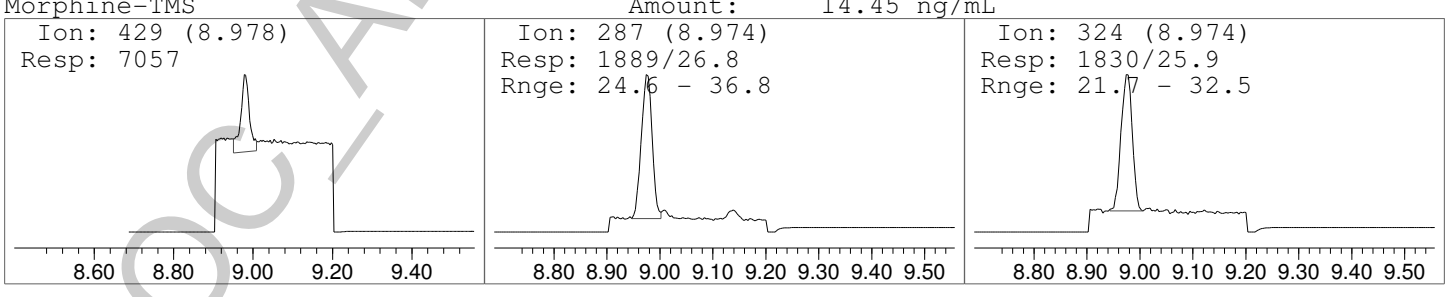
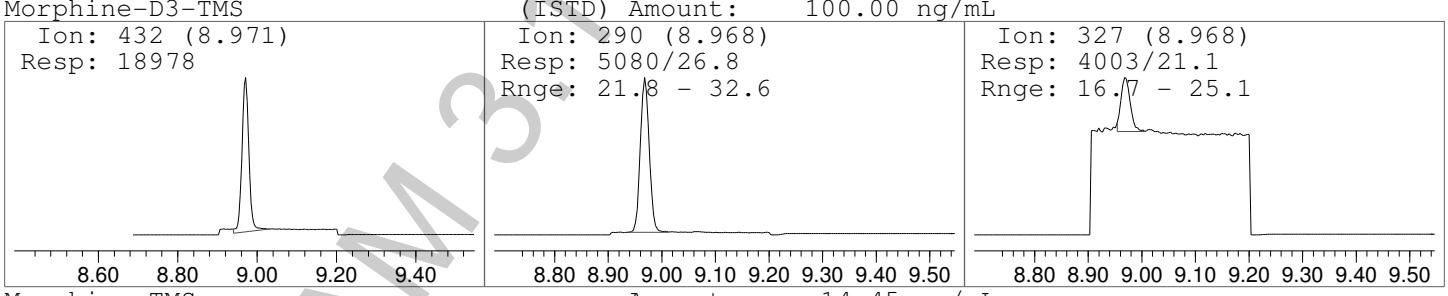
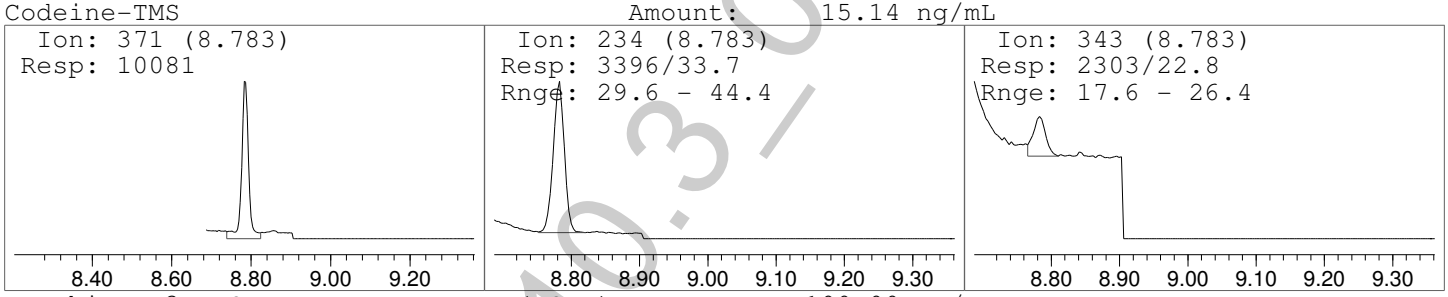
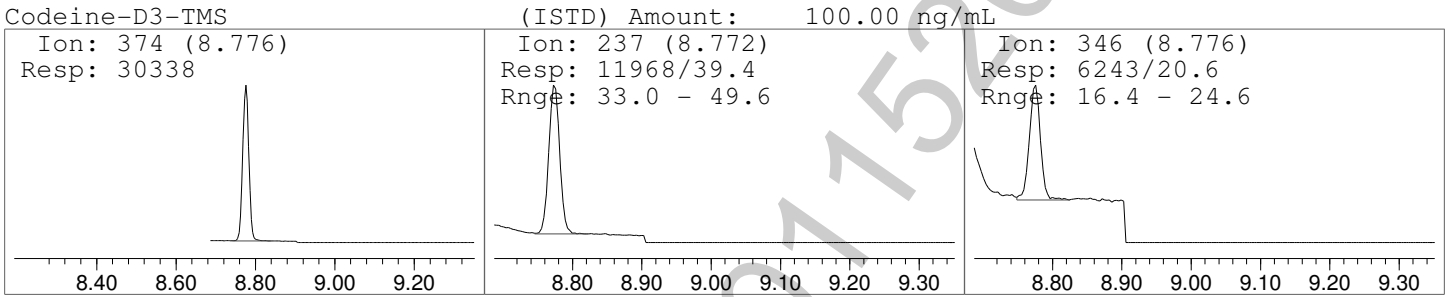
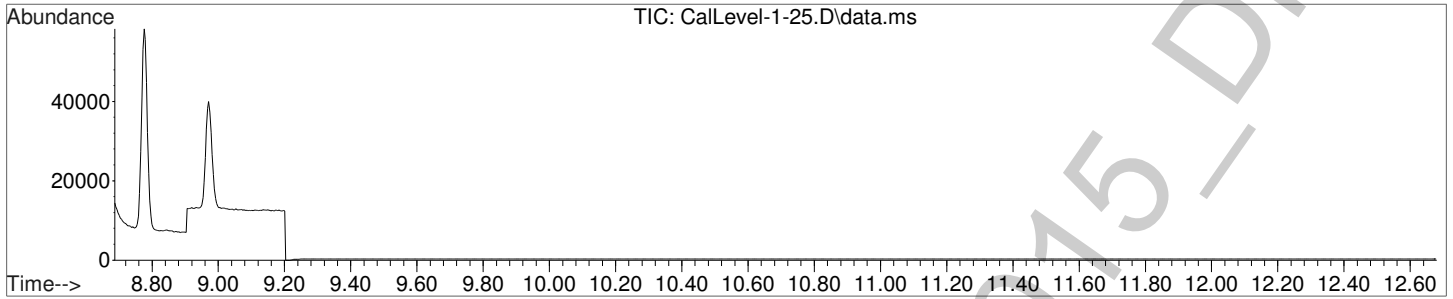


#4
 Morphine-TMS
 Concen: 14.45 ng/mL m
 RT: 8.978 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: CalLevel-1-25.D
 Acq: 15 Jan 2015 17:50

Tgt Ion	Resp	Lower	Upper
429	100		
287	26.8	24.6	36.8
324	25.9	21.7	32.5



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-1-25.D
 Acq On : 15 Jan 2015 17:50
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 1: 25ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 2 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-2-50.D
 Acq On : 15 Jan 2015 18:08
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 2: 50ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 3 Sample Multiplier: 1



Quant Time: Jan 16 15:04:04 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) Codeine-D3-TMS	8.776	374	33610	100.00	ng/mL	0.00	
3) Morphine-D3-TMS	8.971	432	21468	100.00	ng/mL	0.00	
Target Compounds							
2) Codeine-TMS	8.786	371	18255	38.06	ng/mL		Qvalue 95
4) Morphine-TMS	8.978	429	10794	31.22	ng/mL		* 92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

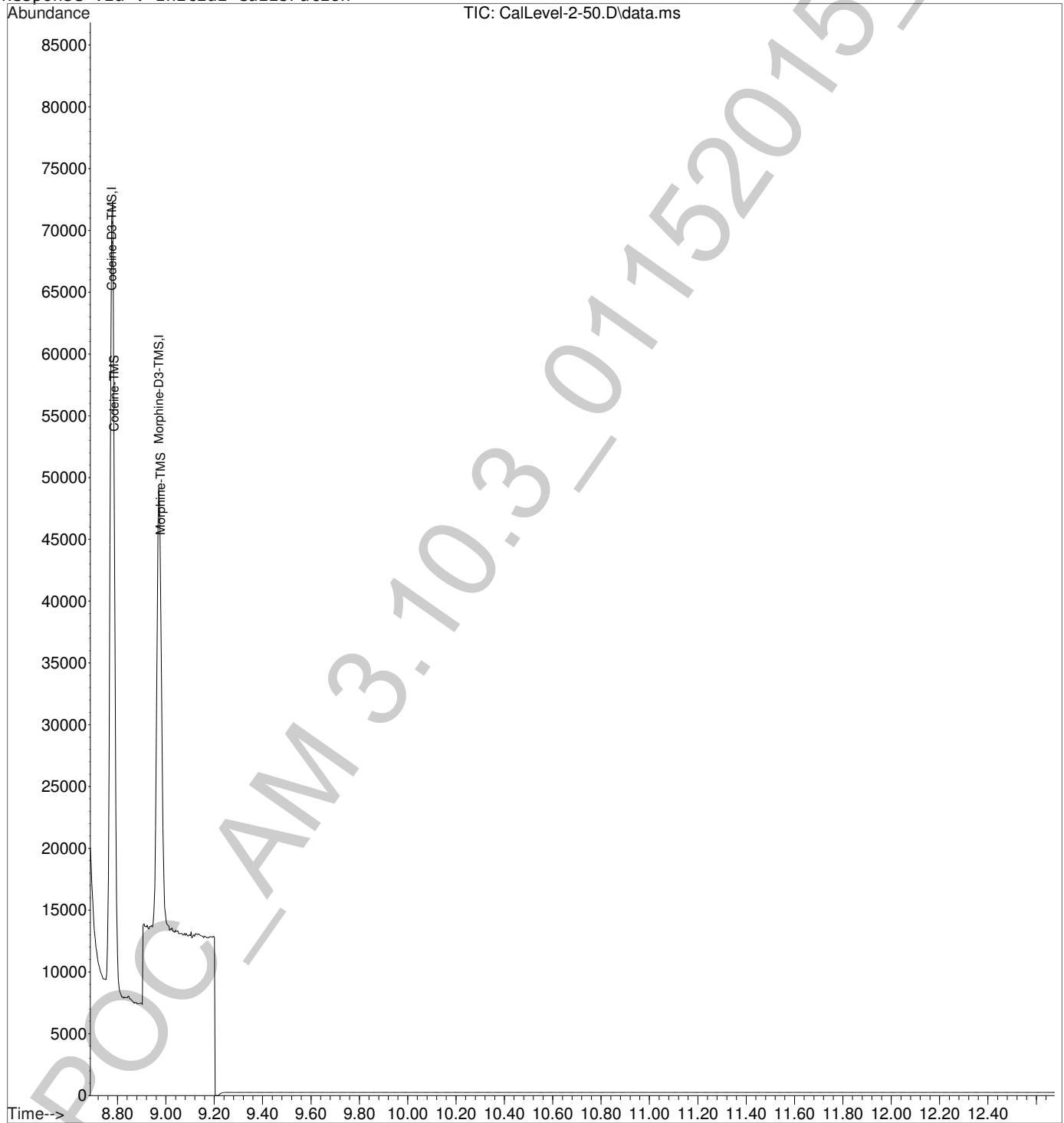
*Refer to manual integration.

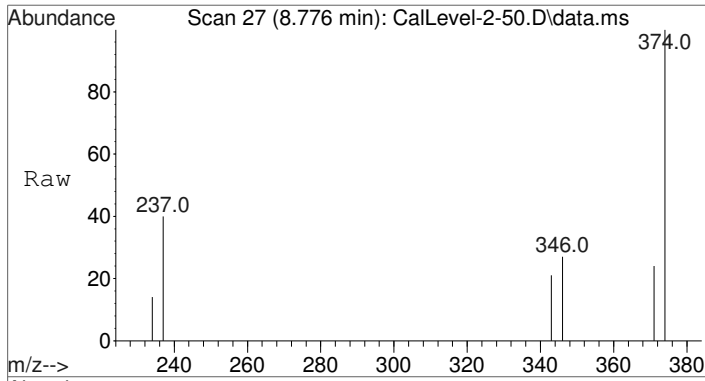
Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : CalLevel-2-50.D
Acq On : 15 Jan 2015 18:08
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 50ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 3 Sample Multiplier: 1



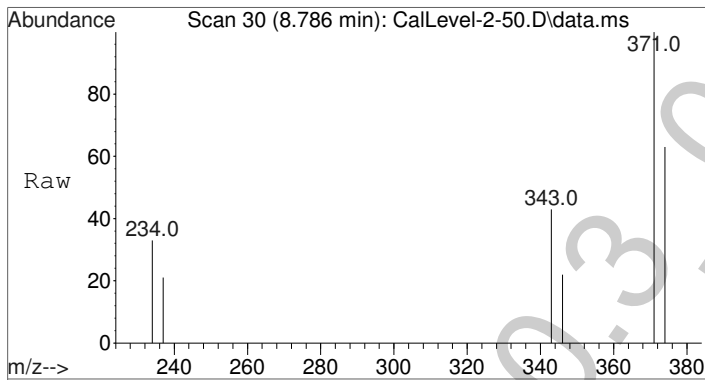
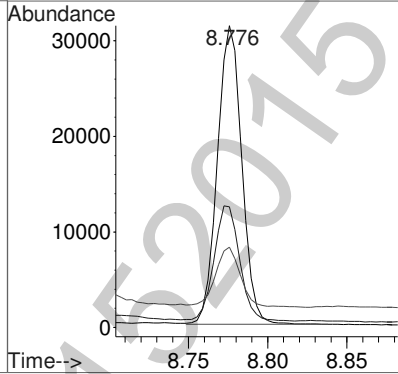
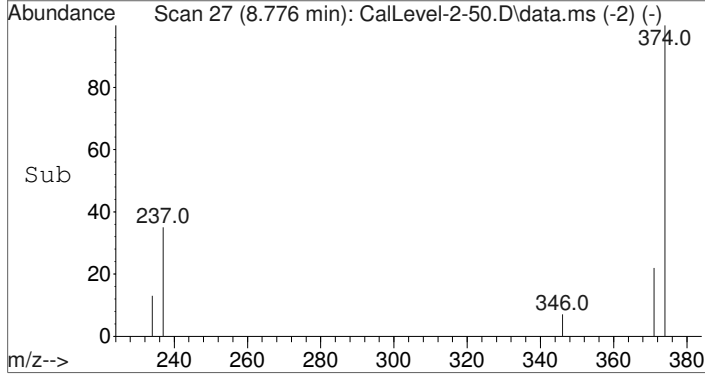
Quant Time: Jan 16 15:04:04 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





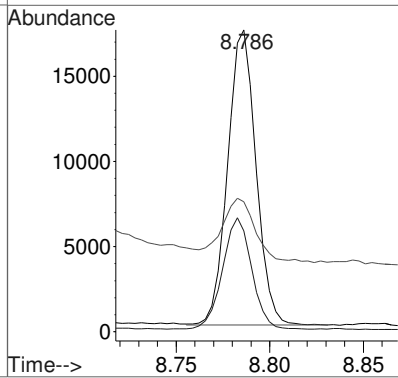
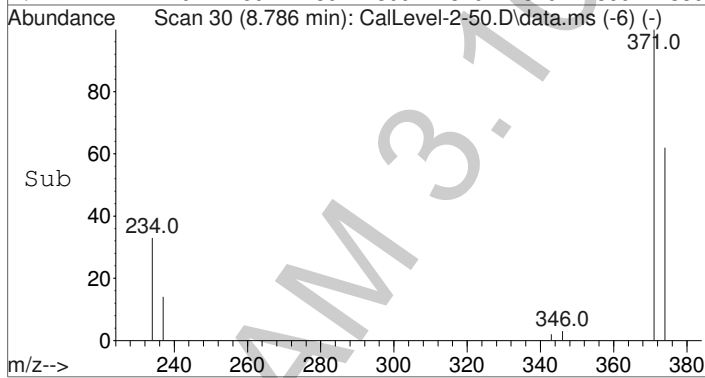
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.776 min Scan# 27
 Delta R.T. 0.004 min
 Lab File: CalLevel-2-50.D
 Acq: 15 Jan 2015 18:08

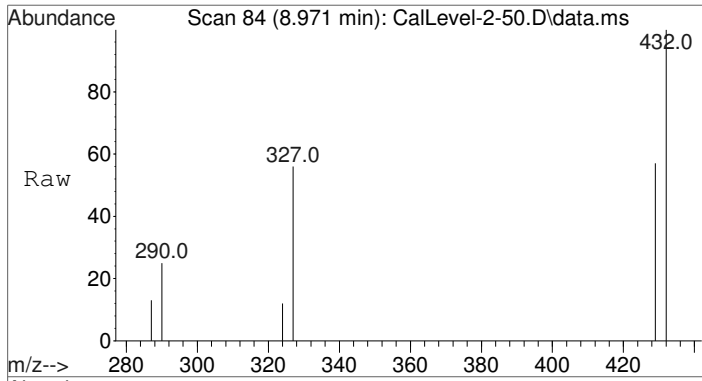
Tgt Ion	Resp	Lower	Upper
374	33610		
374	100		
237	40.5	33.0	49.6
346	20.9	16.4	24.6



#2
 Codeine-TMS
 Concen: 38.06 ng/mL
 RT: 8.786 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: CalLevel-2-50.D
 Acq: 15 Jan 2015 18:08

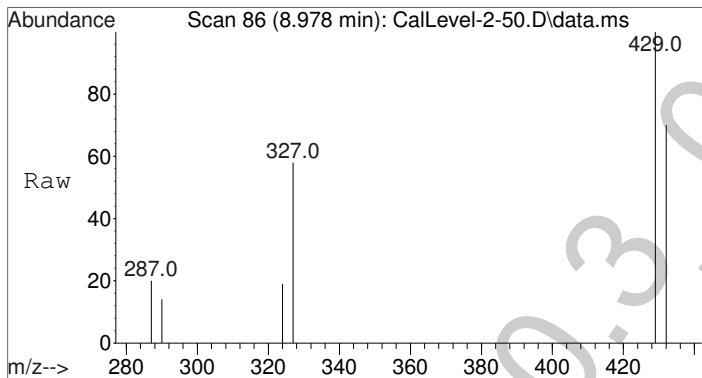
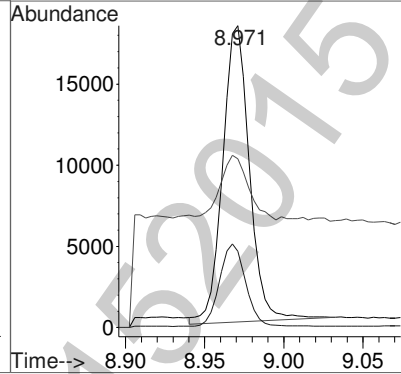
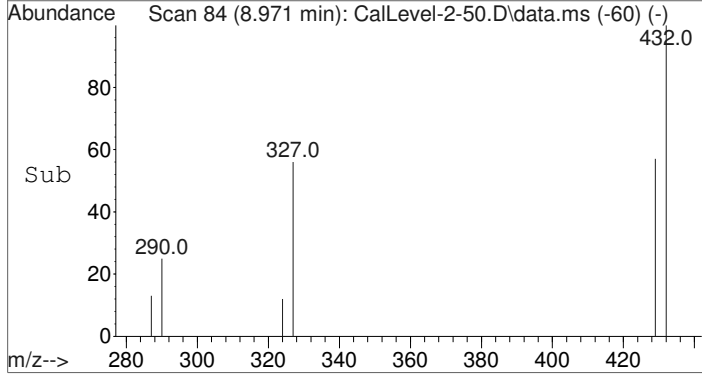
Tgt Ion	Resp	Lower	Upper
371	18255		
371	100		
234	38.7	29.6	44.4
343	26.4	17.6	26.4





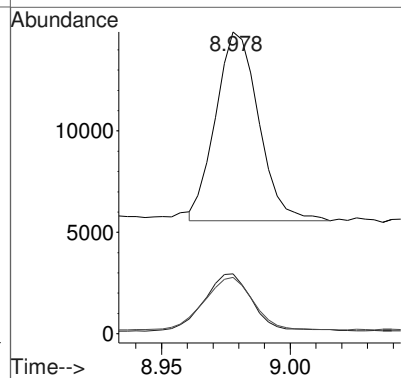
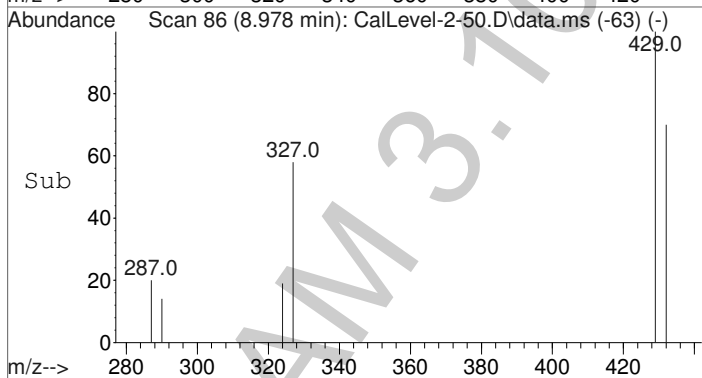
#3
Morphine-D3-TMS
Concen: 100.00 ng/mL
RT: 8.971 min Scan# 84
Delta R.T. 0.003 min
Lab File: CalLevel-2-50.D
Acq: 15 Jan 2015 18:08

Tgt Ion	Resp	Lower	Upper
432	100		
290	26.8	21.8	32.6
327	21.4	16.7	25.1

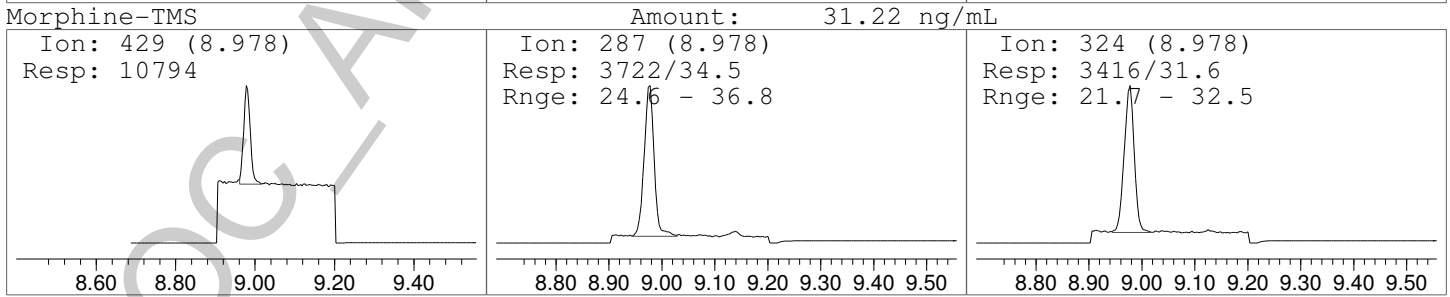
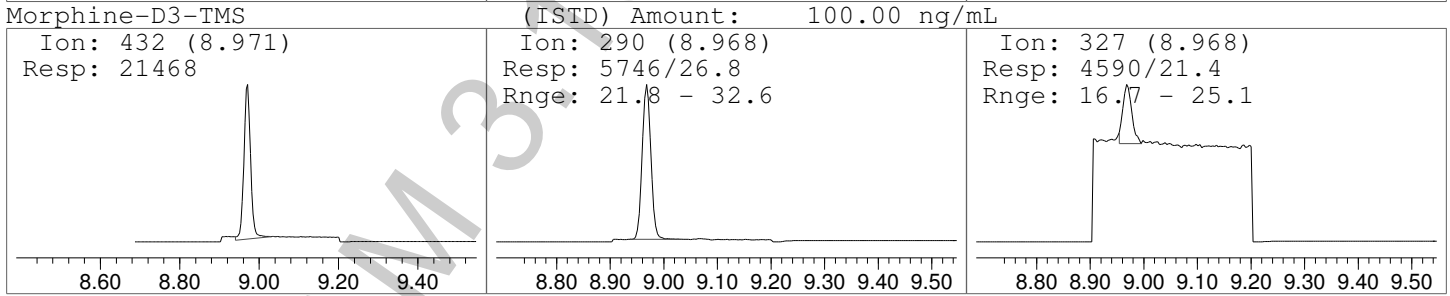
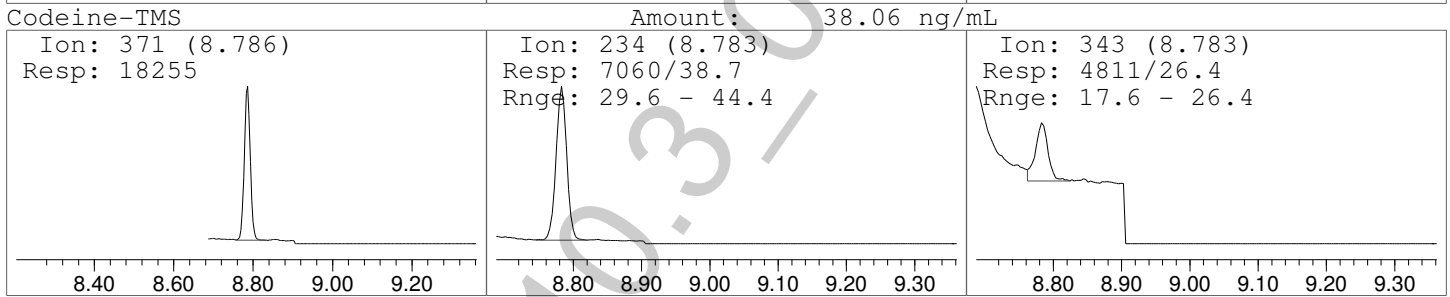
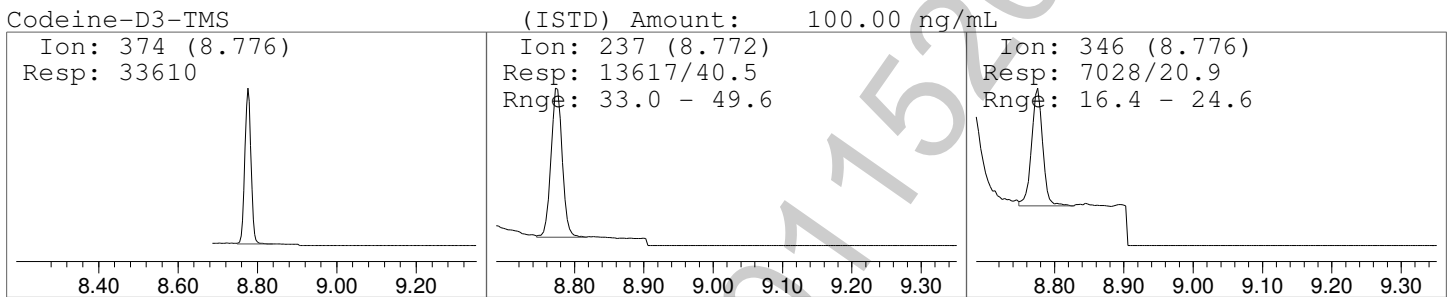
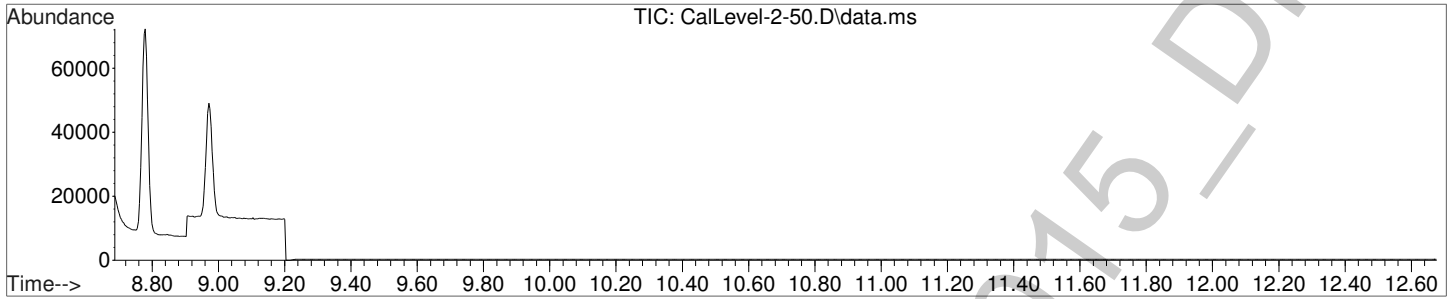


#4
Morphine-TMS
Concen: 31.22 ng/mL
RT: 8.978 min Scan# 86
Delta R.T. 0.000 min
Lab File: CalLevel-2-50.D
Acq: 15 Jan 2015 18:08

Tgt Ion	Resp	Lower	Upper
429	100		
287	34.5	24.6	36.8
324	31.6	21.7	32.5



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-2-50.D
 Acq On : 15 Jan 2015 18:08
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 2: 50ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 3 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-2-50.D
 Acq On : 15 Jan 2015 18:08
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 2: 50ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 3 Sample Multiplier: 1



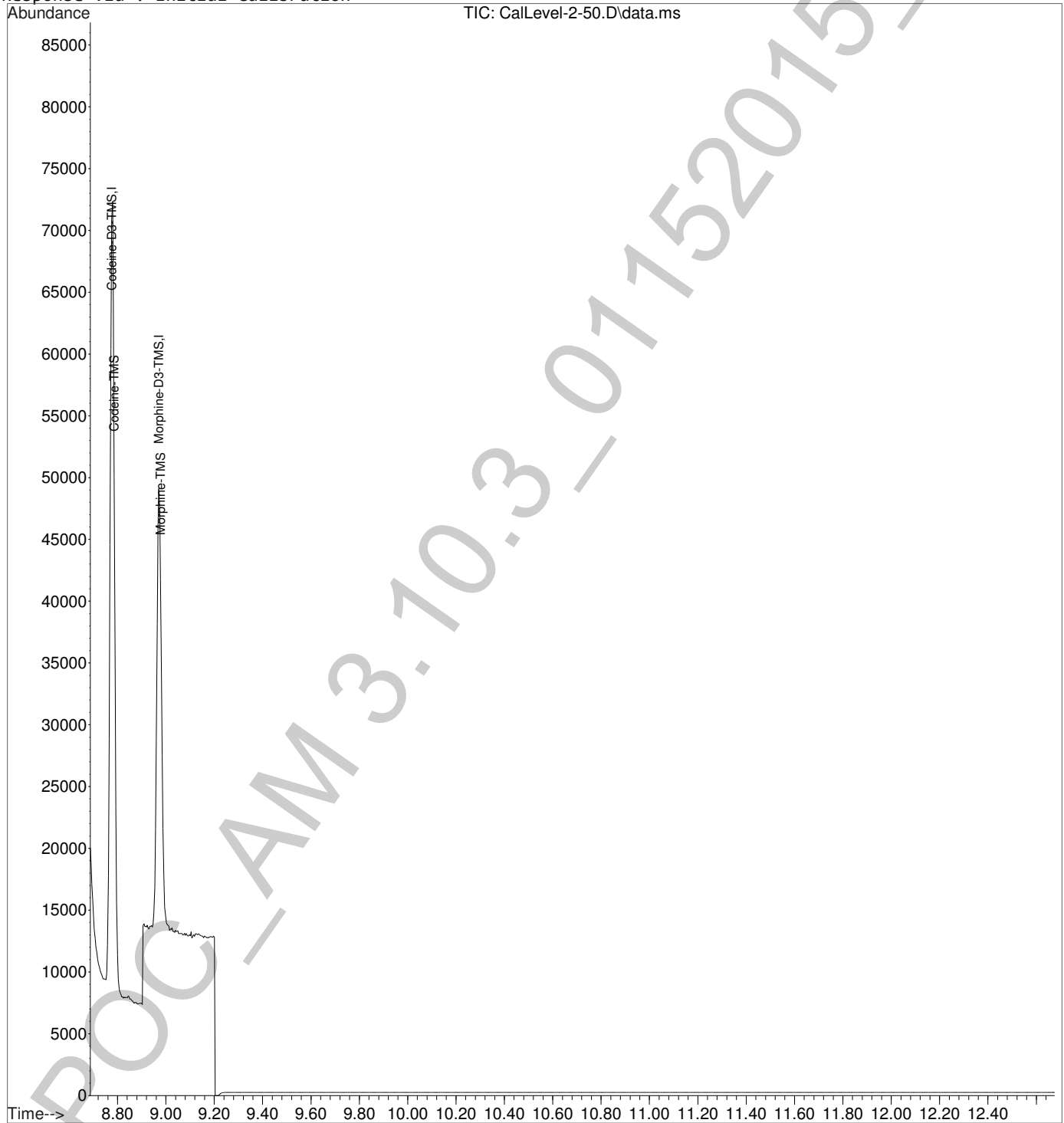
Quant Time: Jan 16 15:04:04 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

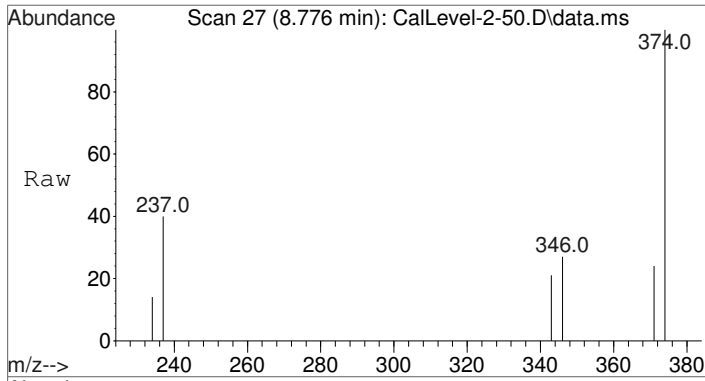
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.776	374	33610	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.971	432	21468	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.786	371	19963m	43.58	ng/mL	Qvalue
4) Morphine-TMS	8.978	429	13223m	45.72	ng/mL	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : CalLevel-2-50.D
Acq On : 15 Jan 2015 18:08
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 50ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 3 Sample Multiplier: 1

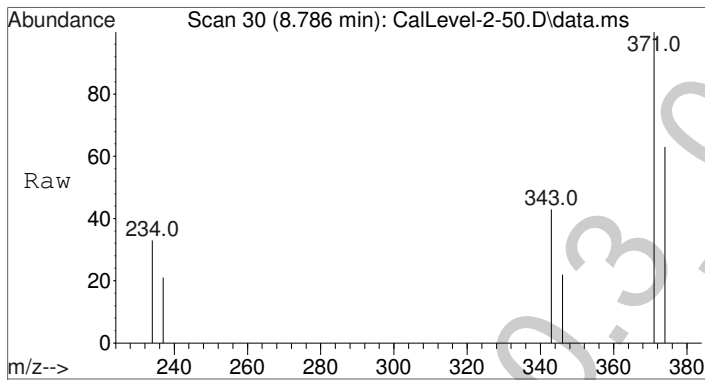
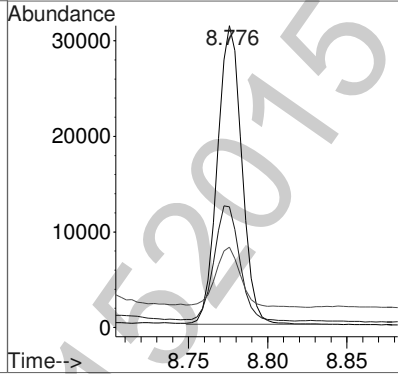
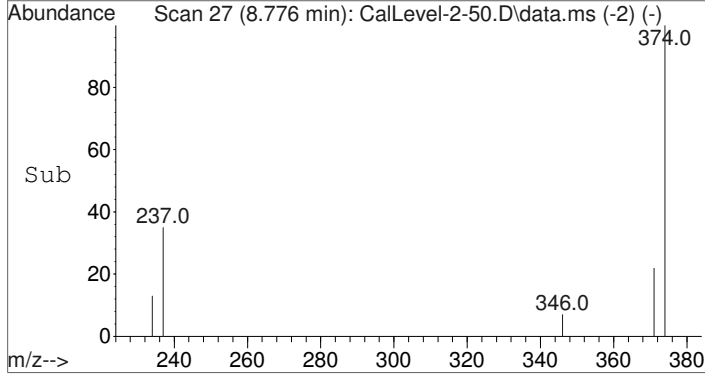
Quant Time: Jan 16 15:04:04 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





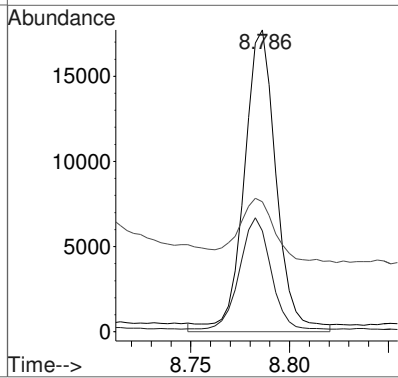
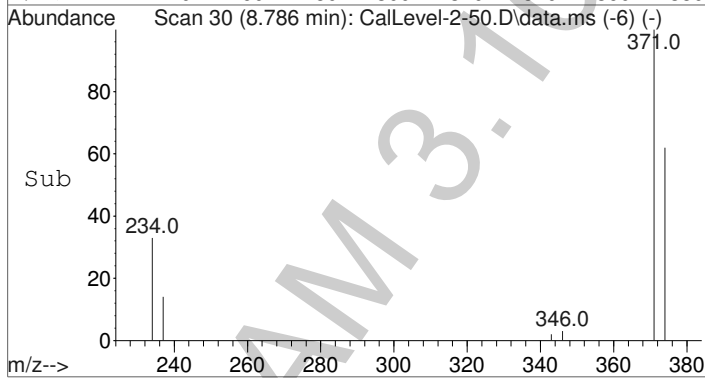
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.776 min Scan# 27
 Delta R.T. 0.004 min
 Lab File: CalLevel-2-50.D
 Acq: 15 Jan 2015 18:08

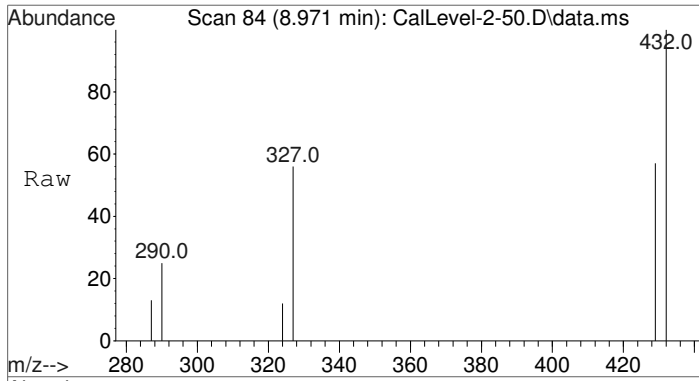
Tgt Ion	Resp	Lower	Upper
374	33610		
374	100		
237	40.5	33.0	49.6
346	20.9	16.4	24.6



#2
 Codeine-TMS
 Concen: 43.58 ng/mL m
 RT: 8.786 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: CalLevel-2-50.D
 Acq: 15 Jan 2015 18:08

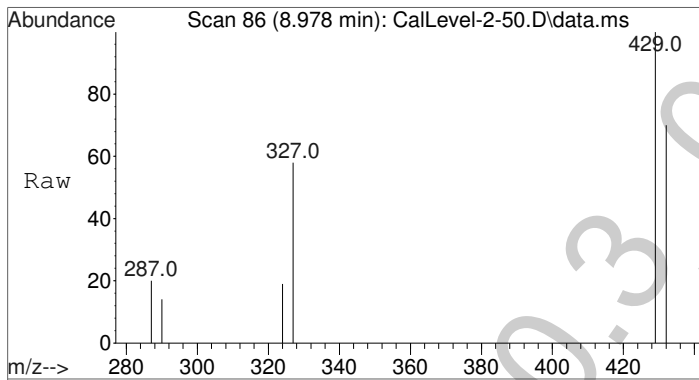
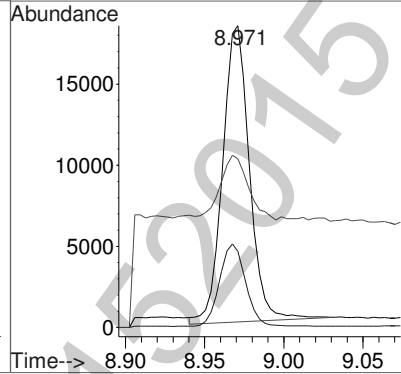
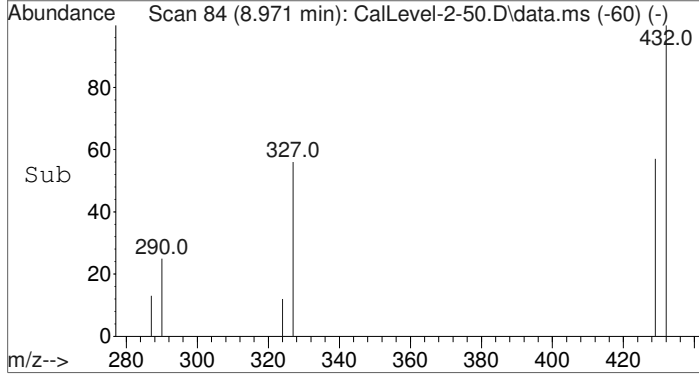
Tgt Ion	Resp	Lower	Upper
371	19963		
371	100		
234	35.4	29.6	44.4
343	24.1	17.6	26.4





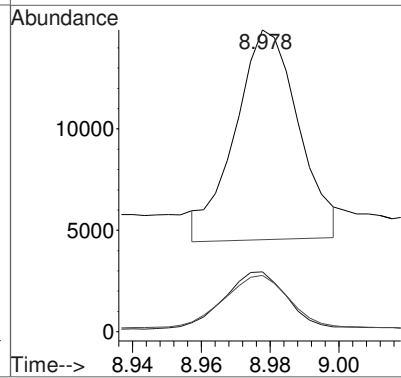
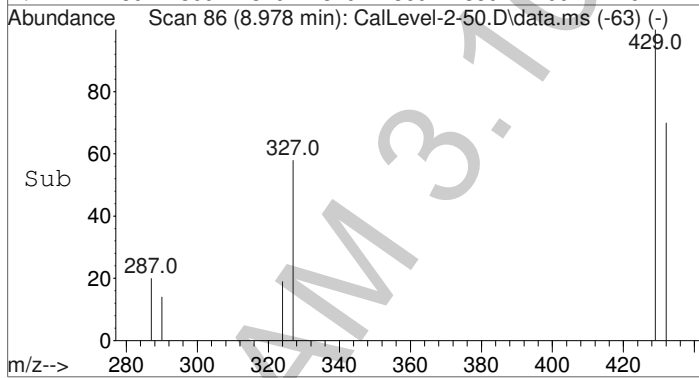
#3
Morphine-D3-TMS
Concen: 100.00 ng/mL
RT: 8.971 min Scan# 84
Delta R.T. 0.003 min
Lab File: CalLevel-2-50.D
Acq: 15 Jan 2015 18:08

Tgt Ion	Resp	Lower	Upper
432	100		
290	26.8	21.8	32.6
327	21.4	16.7	25.1

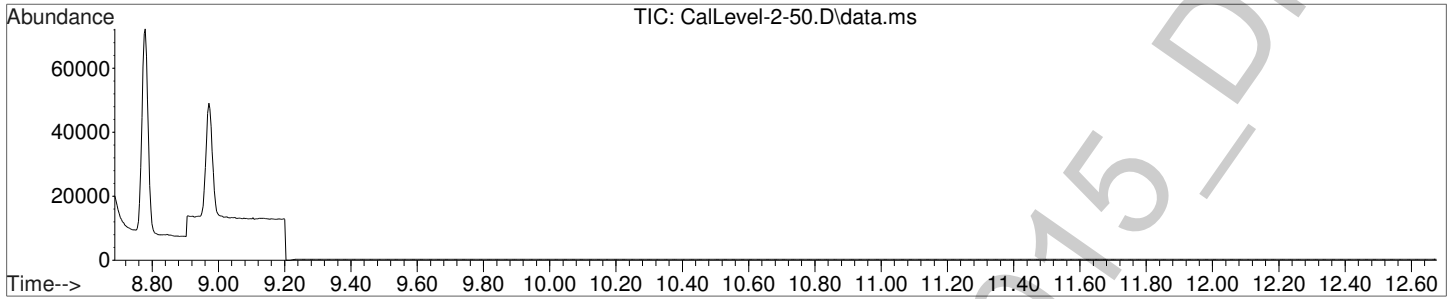


#4
Morphine-TMS
Concen: 45.72 ng/mL m
RT: 8.978 min Scan# 86
Delta R.T. 0.000 min
Lab File: CalLevel-2-50.D
Acq: 15 Jan 2015 18:08

Tgt Ion	Resp	Lower	Upper
429	100		
287	28.1	24.6	36.8
324	25.8	21.7	32.5

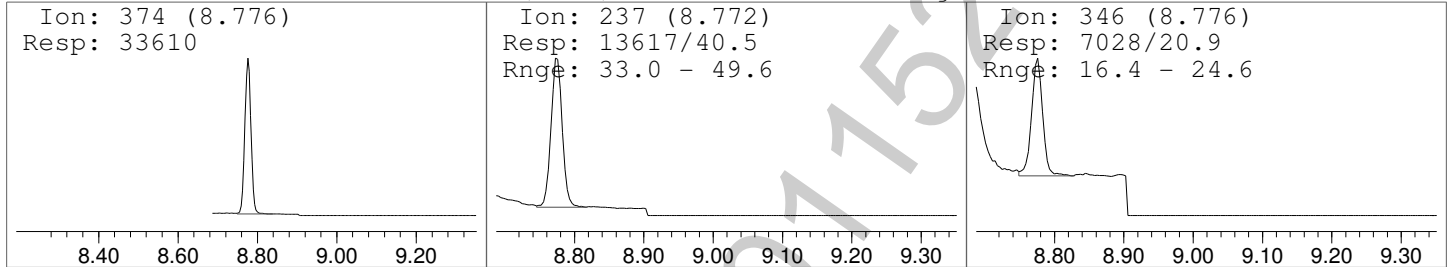


Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-2-50.D
 Acq On : 15 Jan 2015 18:08
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 2: 50ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 3 Sample Multiplier: 1



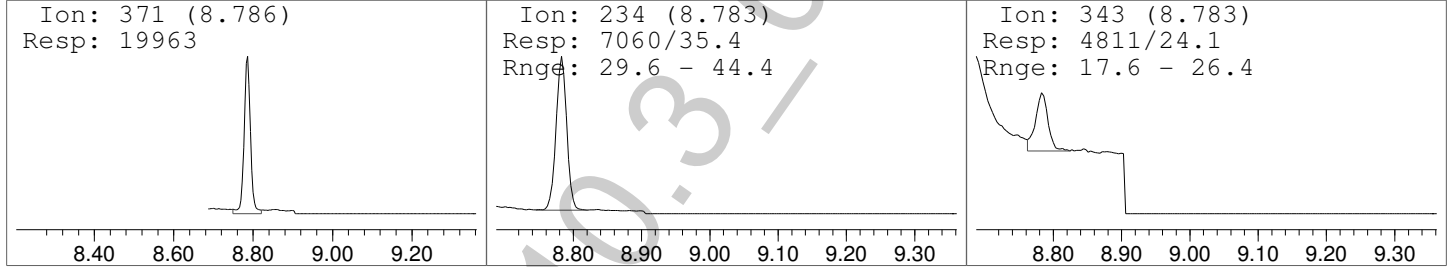
Codeine-D3-TMS

(ISTD) Amount: 100.00 ng/mL



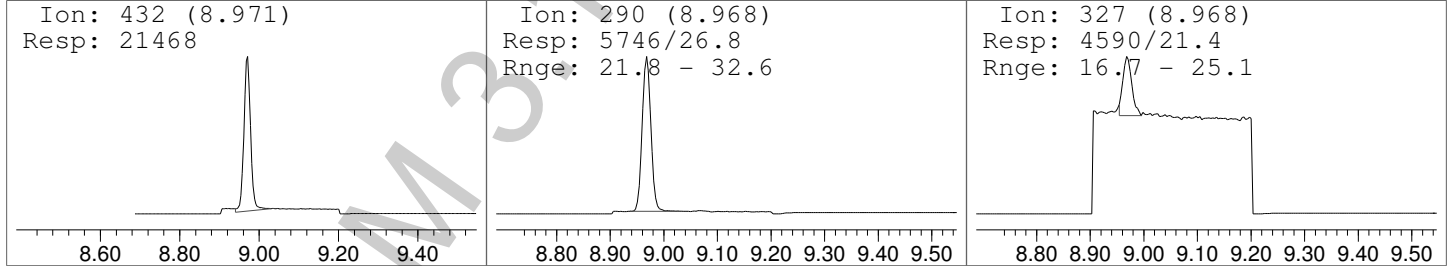
Codeine-TMS

Amount: 43.58 ng/mL



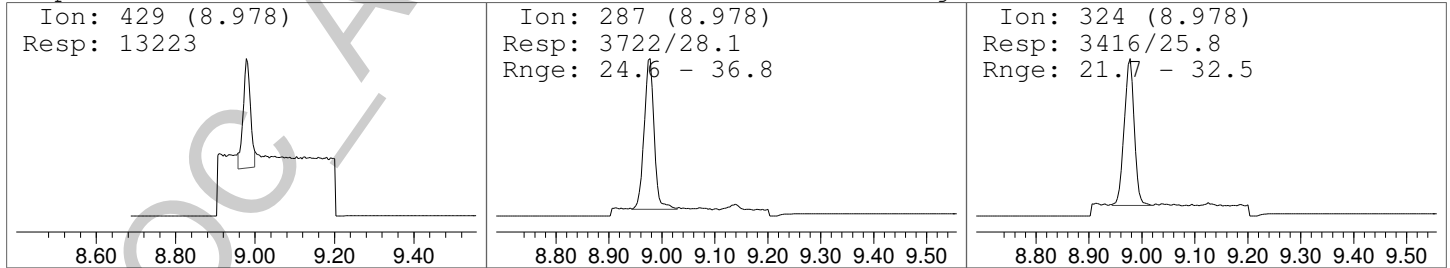
Morphine-D3-TMS

(ISTD) Amount: 100.00 ng/mL



Morphine-TMS

Amount: 45.72 ng/mL



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-3-100.D
 Acq On : 15 Jan 2015 18:27
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 3: 100ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 16 15:04:11 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.772	374	36450	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.968	432	23131	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.783	371	39250	96.08	ng/mL	100
4) Morphine-TMS	8.978	429	23089	94.69	ng/mL	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

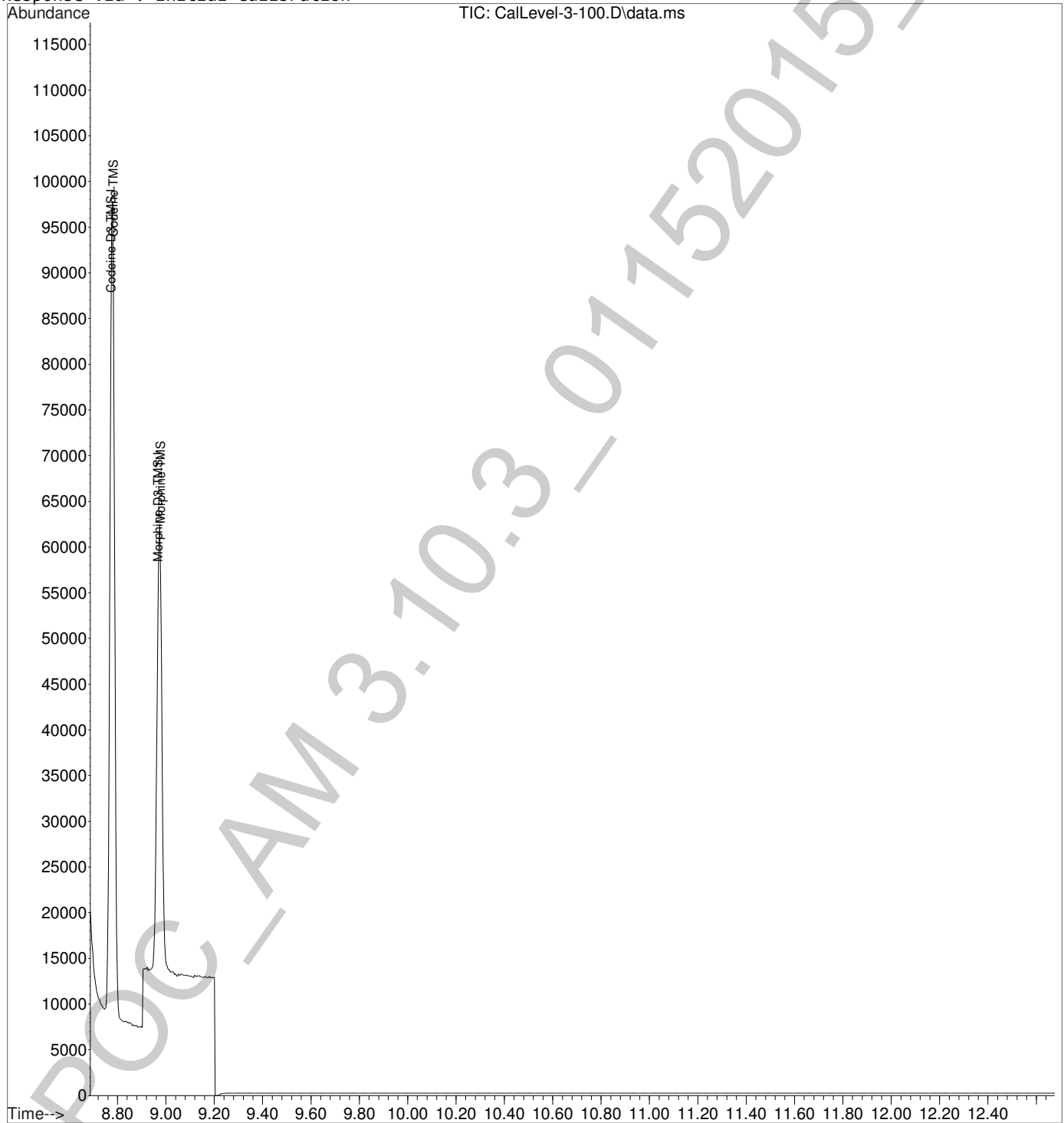


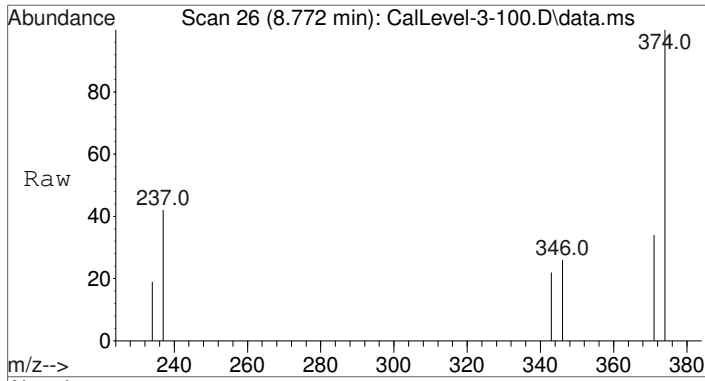
Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : CalLevel-3-100.D
Acq On : 15 Jan 2015 18:27
Operator : Pocatello Laboratory
Sample : Calibrator Level 3: 100ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 4 Sample Multiplier: 1



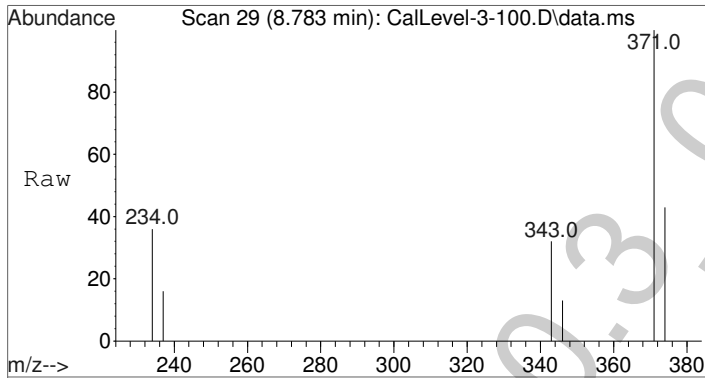
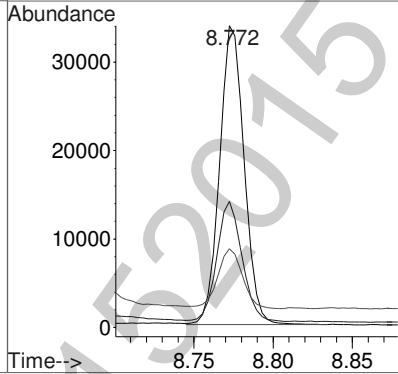
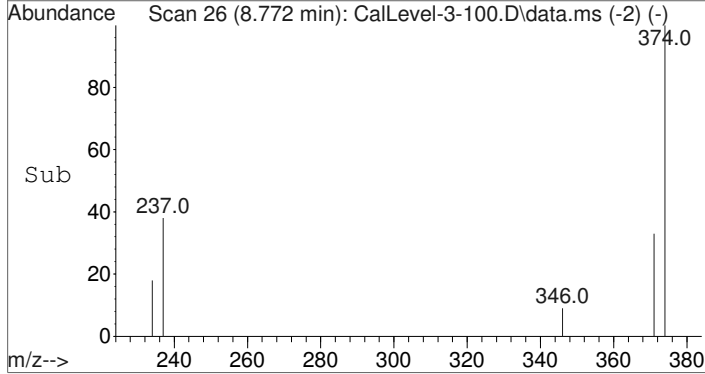
Quant Time: Jan 16 15:04:11 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





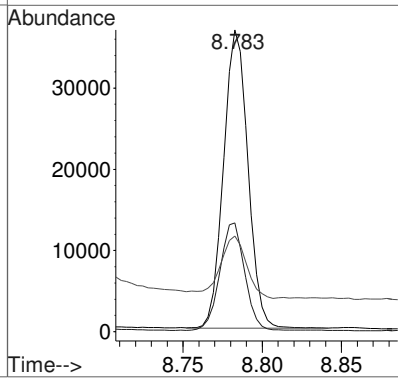
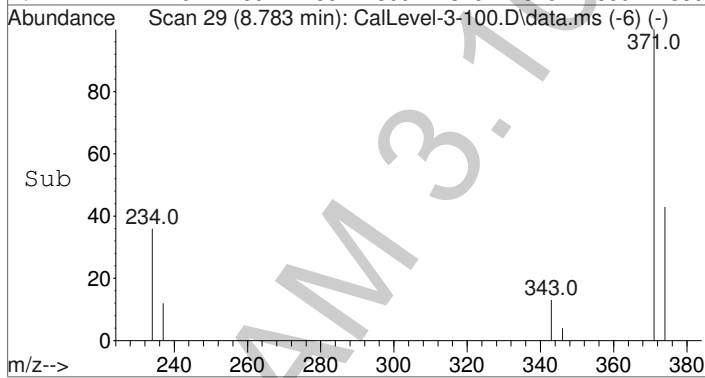
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.772 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: CalLevel-3-100.D
 Acq: 15 Jan 2015 18:27

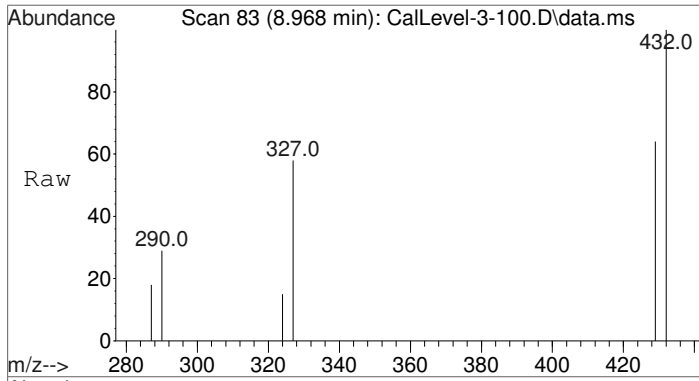
Tgt Ion	Resp	Lower	Upper
374	100		
237	41.3	33.0	49.6
346	20.5	16.4	24.6



#2
 Codeine-TMS
 Concen: 96.08 ng/mL
 RT: 8.783 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: CalLevel-3-100.D
 Acq: 15 Jan 2015 18:27

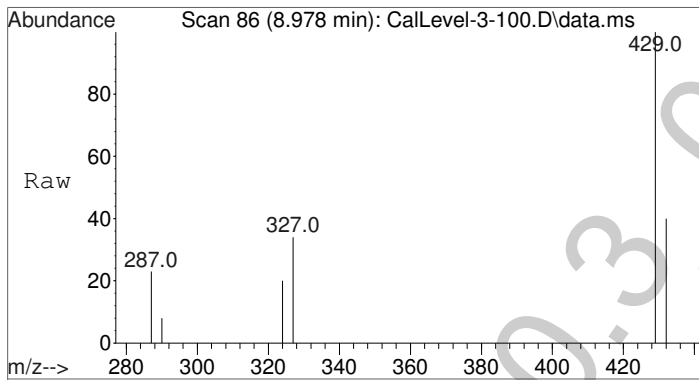
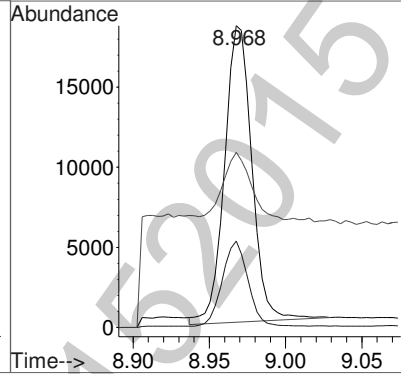
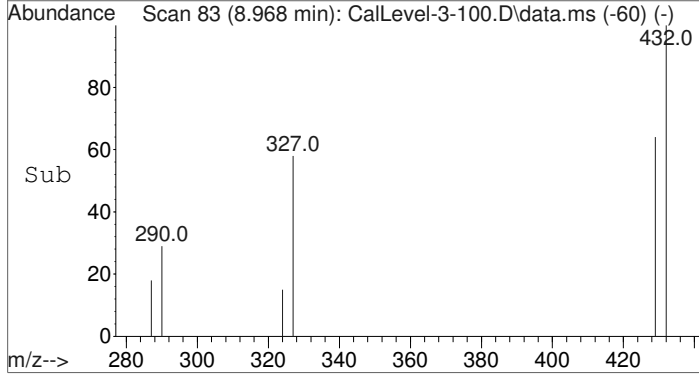
Tgt Ion	Resp	Lower	Upper
371	100		
234	37.0	29.6	44.4
343	22.0	17.6	26.4





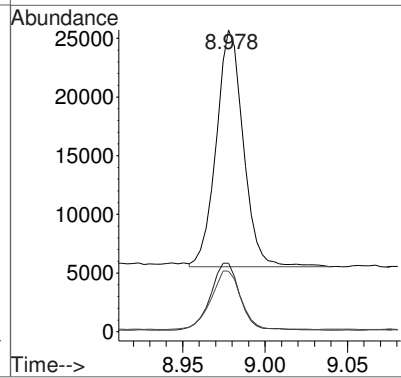
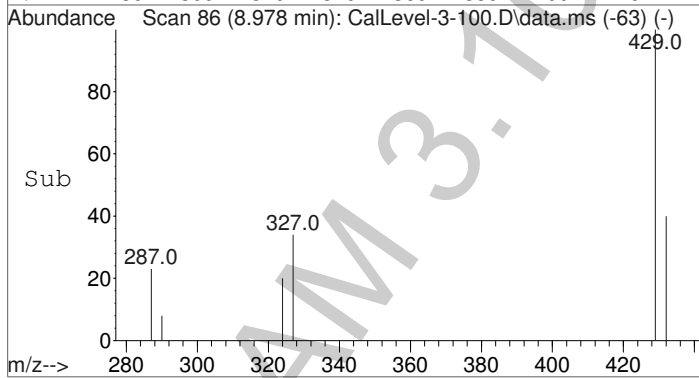
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.968 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: CalLevel-3-100.D
 Acq: 15 Jan 2015 18:27

Tgt Ion	Resp	Lower	Upper
432	100		
290	27.3	21.8	32.6
327	20.9	16.7	25.1

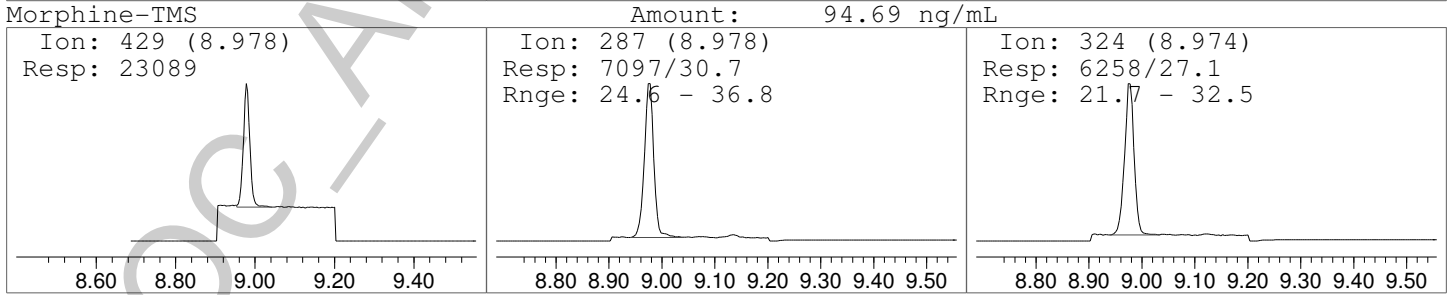
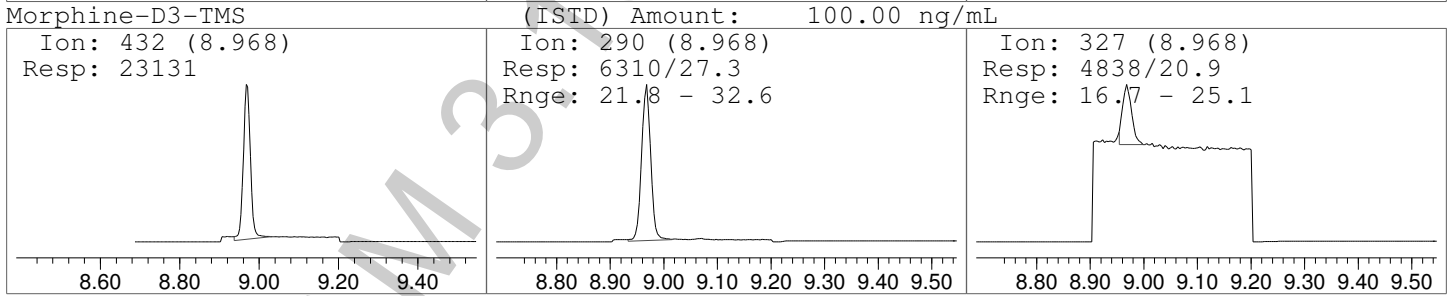
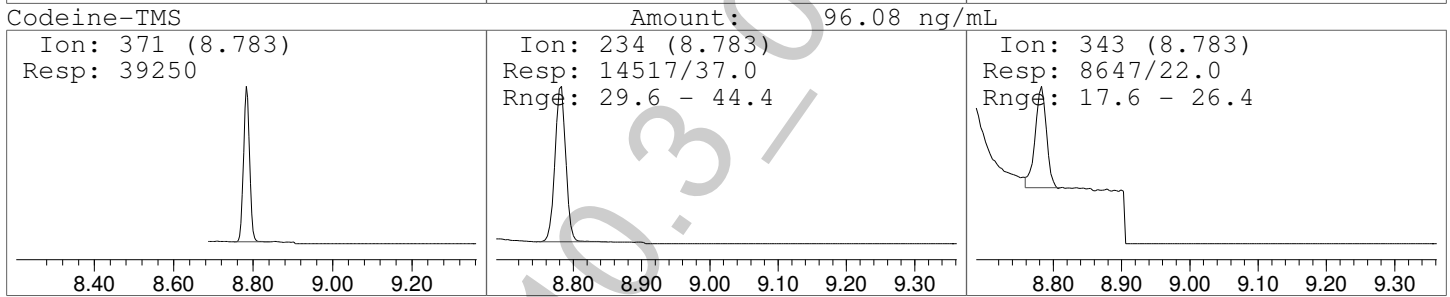
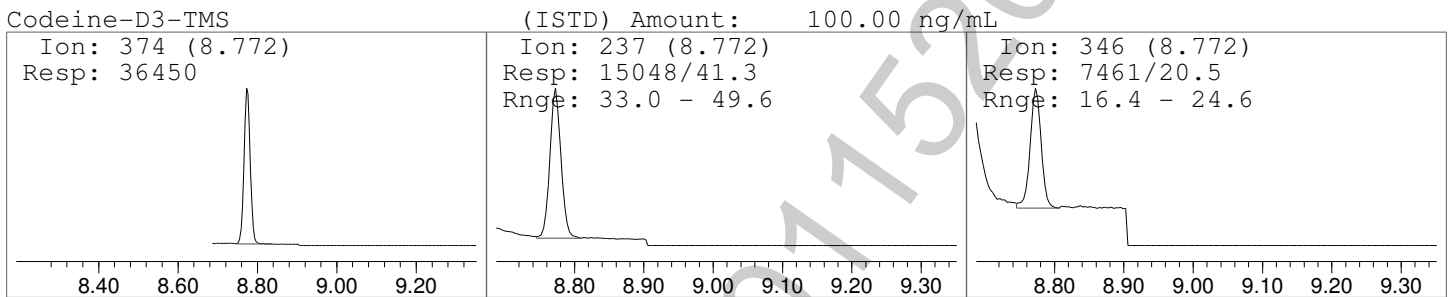
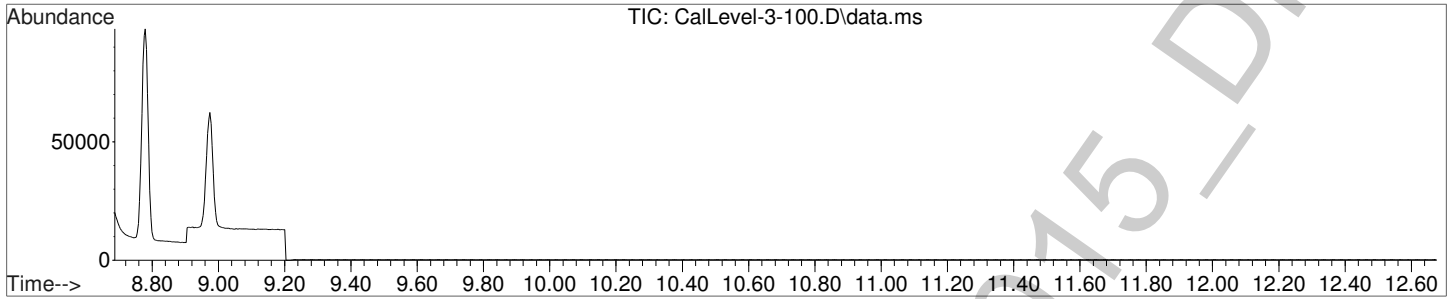


#4
 Morphine-TMS
 Concen: 94.69 ng/mL
 RT: 8.978 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: CalLevel-3-100.D
 Acq: 15 Jan 2015 18:27

Tgt Ion	Resp	Lower	Upper
429	100		
287	30.7	24.6	36.8
324	27.1	21.7	32.5



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-3-100.D
 Acq On : 15 Jan 2015 18:27
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 3: 100ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 4 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-4-250.D
 Acq On : 15 Jan 2015 18:45
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 4: 250ng/mL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1



Quant Time: Jan 16 15:04:17 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.776	374	38278	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.971	432	25553	100.00	ng/mL	*# 0.00
Target Compounds						
						Qvalue
2) Codeine-TMS	8.786	371	100451	264.31	ng/mL	99
4) Morphine-TMS	8.981	429	63238	283.87	ng/mL	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

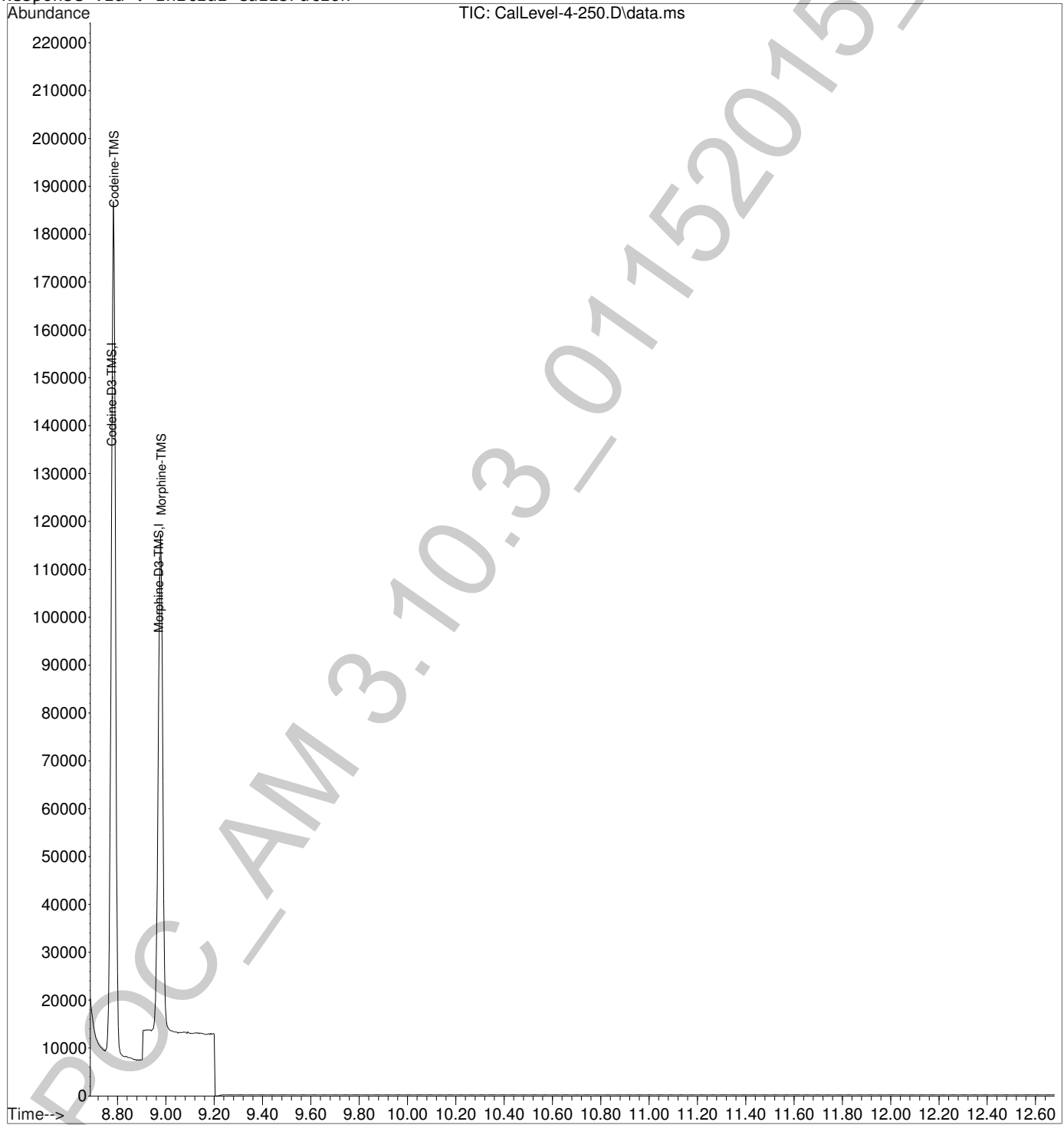
***Manual integration not possible - use full scan data to confirm values over 100 ng/mL.**

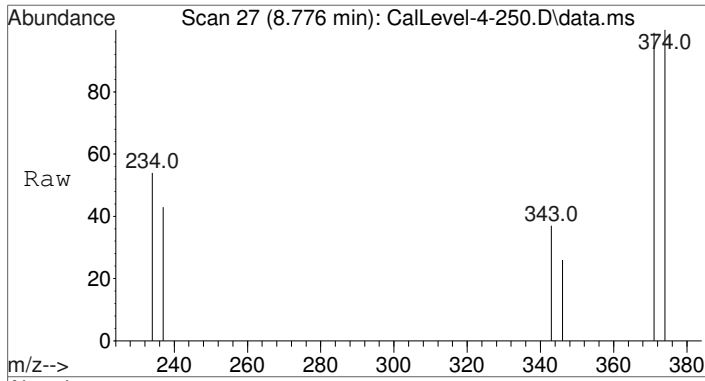
Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : CalLevel-4-250.D
Acq On : 15 Jan 2015 18:45
Operator : Pocatello Laboratory
Sample : Calibrator Level 4: 250ng/mL
Misc :
ALS Vial : 5 Sample Multiplier: 1



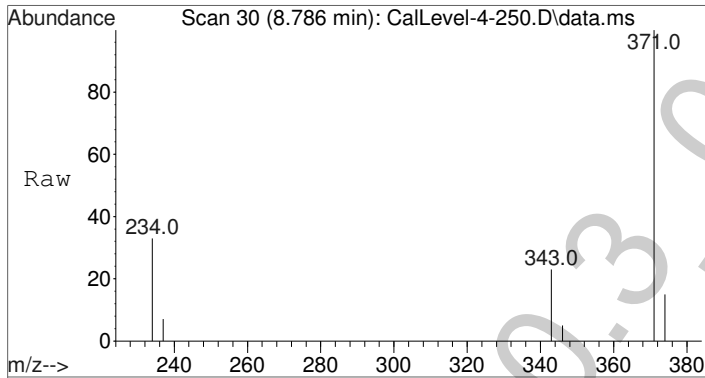
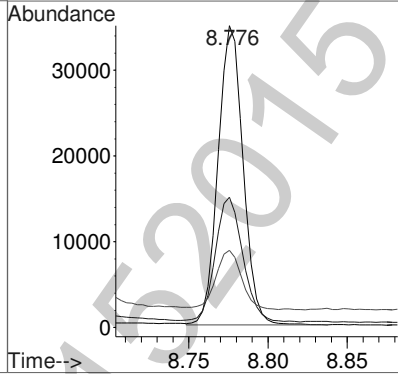
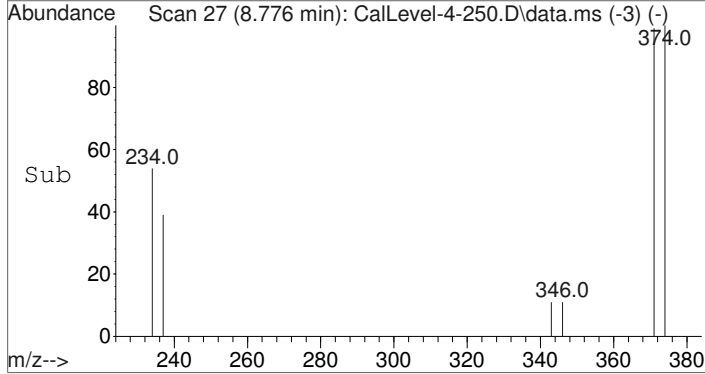
Quant Time: Jan 16 15:04:17 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





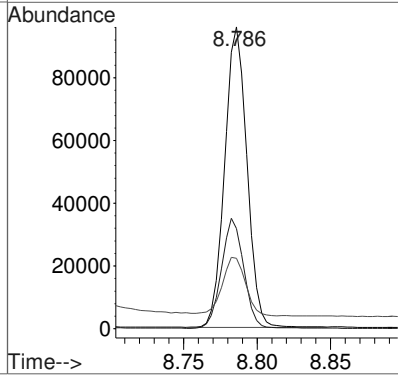
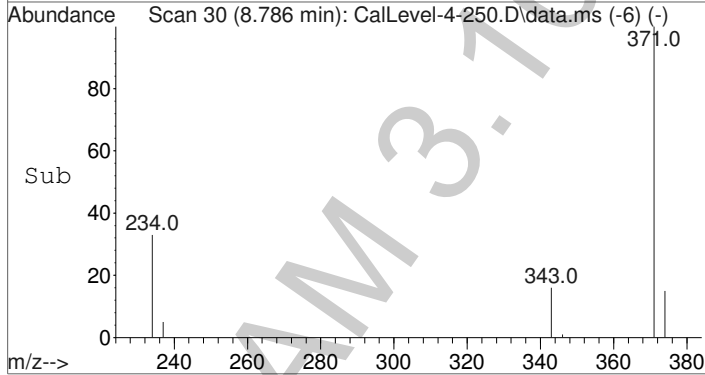
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.776 min Scan# 27
 Delta R.T. 0.004 min
 Lab File: CalLevel-4-250.D
 Acq: 15 Jan 2015 18:45

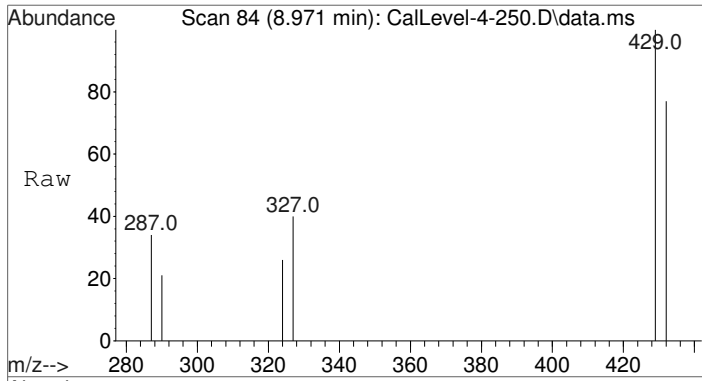
Tgt Ion	Resp	Lower	Upper
374	38278		
374	100		
237	46.0	33.0	49.6
346	20.3	16.4	24.6



#2
 Codeine-TMS
 Concen: 264.31 ng/mL
 RT: 8.786 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: CalLevel-4-250.D
 Acq: 15 Jan 2015 18:45

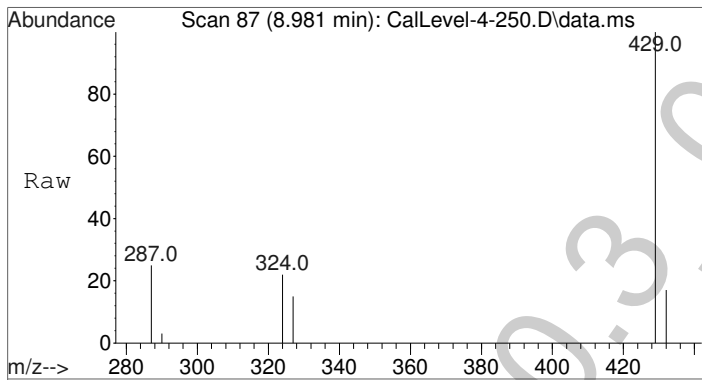
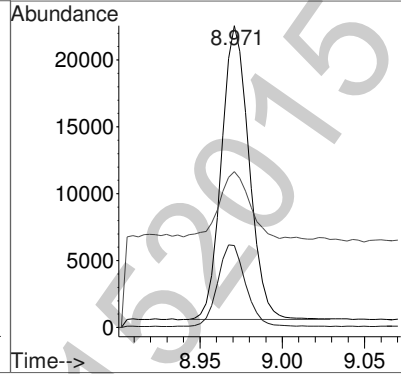
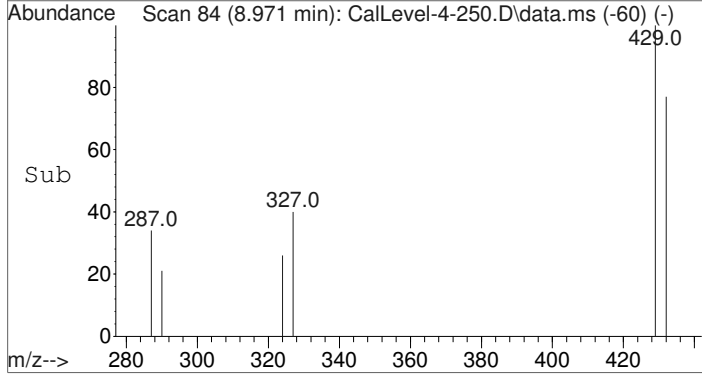
Tgt Ion	Resp	Lower	Upper
371	100451		
371	100		
234	36.6	29.6	44.4
343	20.9	17.6	26.4





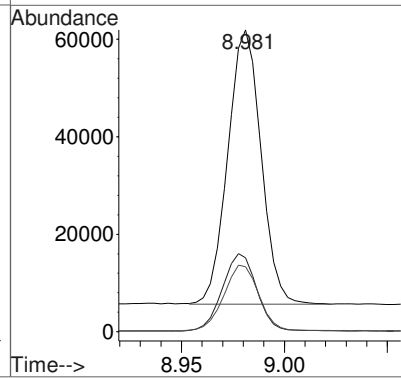
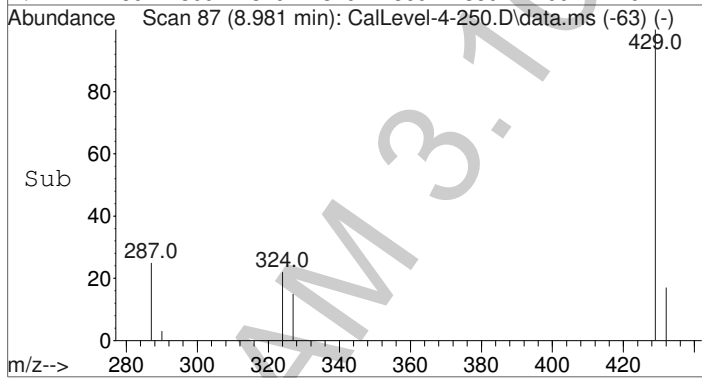
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.971 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: CalLevel-4-250.D
 Acq: 15 Jan 2015 18:45

Tgt Ion	Resp	Lower	Upper
432	25553		
432	100		
290	28.2	21.8	32.6
327	39.2	16.7	25.1#

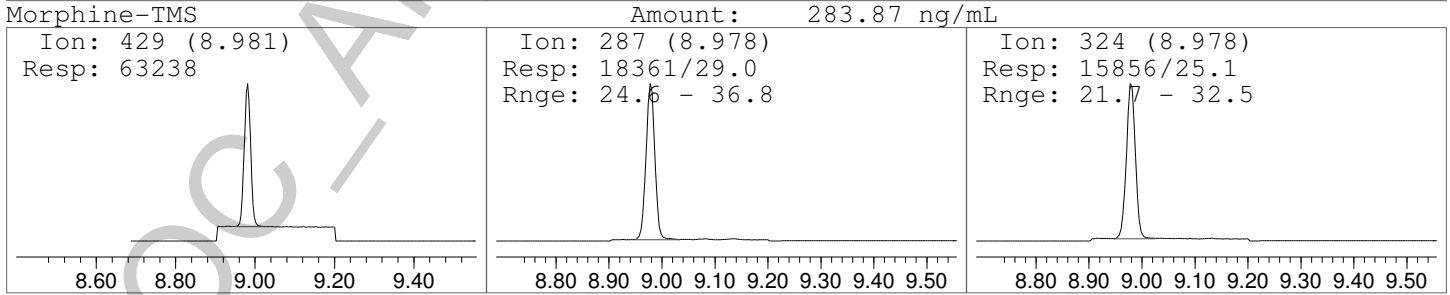
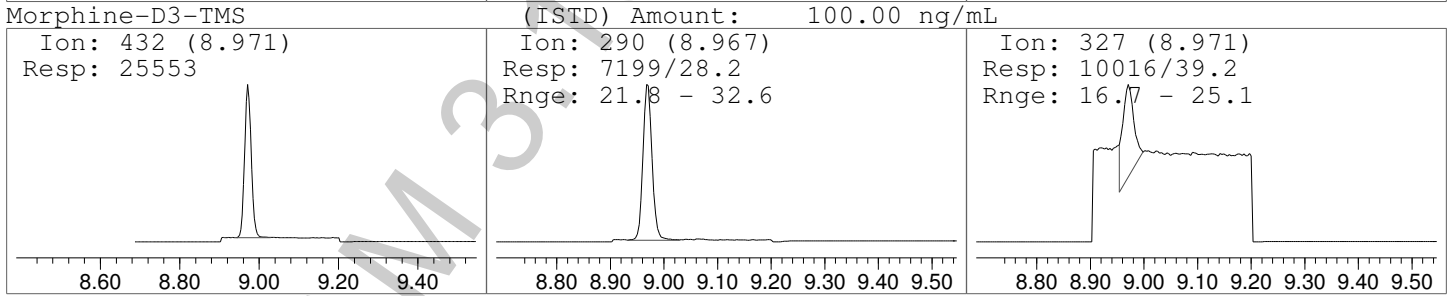
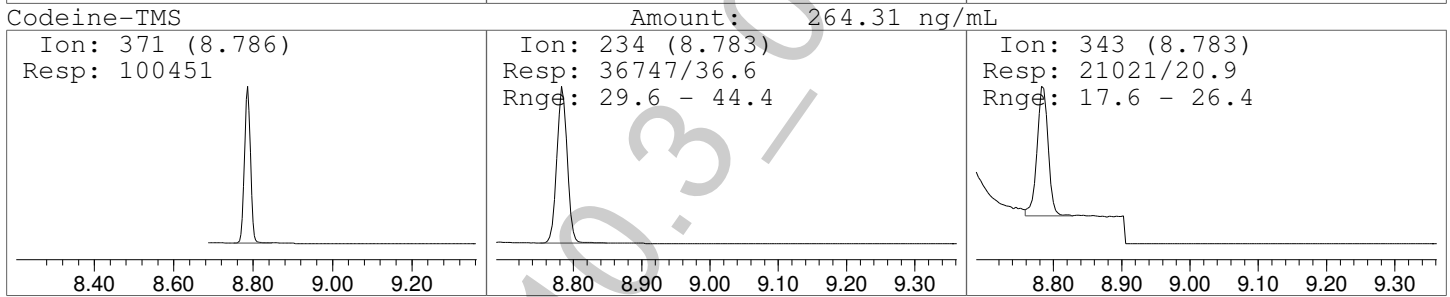
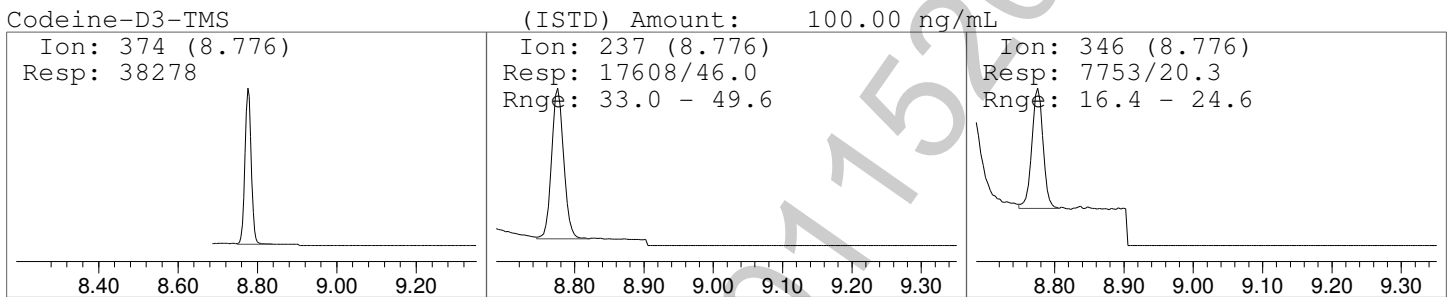
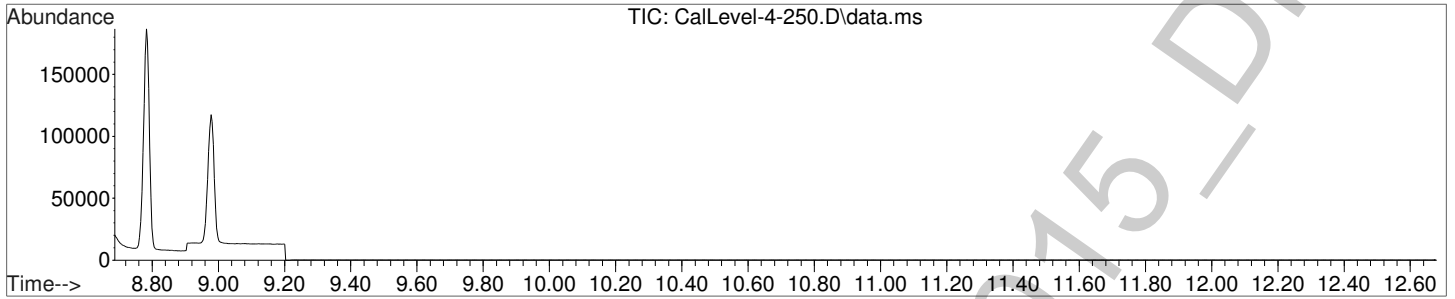


#4
 Morphine-TMS
 Concen: 283.87 ng/mL
 RT: 8.981 min Scan# 87
 Delta R.T. 0.003 min
 Lab File: CalLevel-4-250.D
 Acq: 15 Jan 2015 18:45

Tgt Ion	Resp	Lower	Upper
429	63238		
429	100		
287	29.0	24.6	36.8
324	25.1	21.7	32.5



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-4-250.D
 Acq On : 15 Jan 2015 18:45
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 4: 250ng/mL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-5-500.D
 Acq On : 15 Jan 2015 19:04
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 5: 500ng/mL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1



Quant Time: Jan 16 15:04:23 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.772	374	39310	100.00	ng/mL	# 0.00
3) Morphine-D3-TMS	8.968	432	28655	100.00	ng/mL	**# 0.00
Target Compounds						
2) Codeine-TMS	8.783	371	202531	539.14	ng/mL	Qvalue 98
4) Morphine-TMS	8.978	429	129716	546.78	ng/mL	95

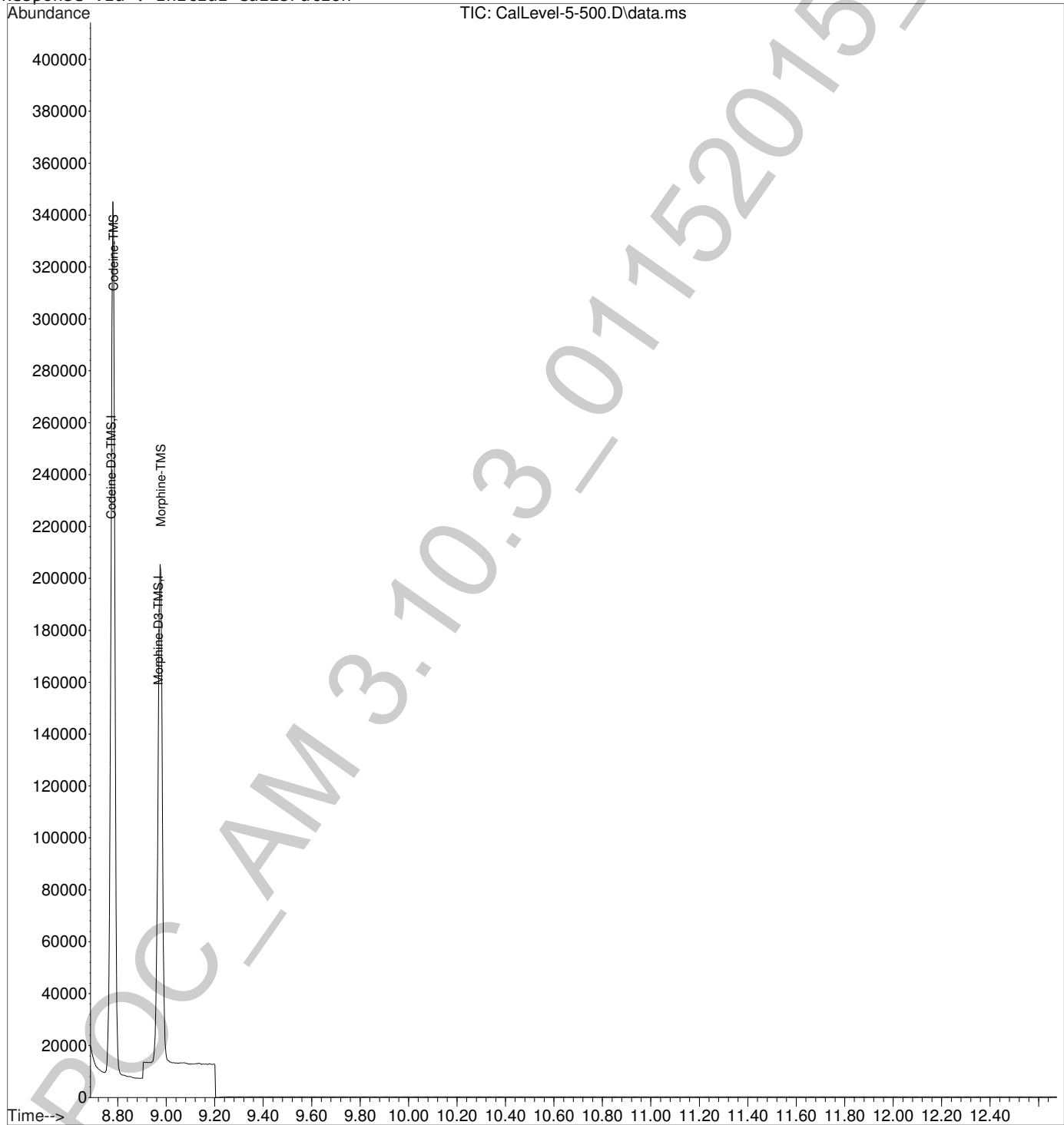
(#) = qualifier out of range (m) = manual integration (+) = signals summed

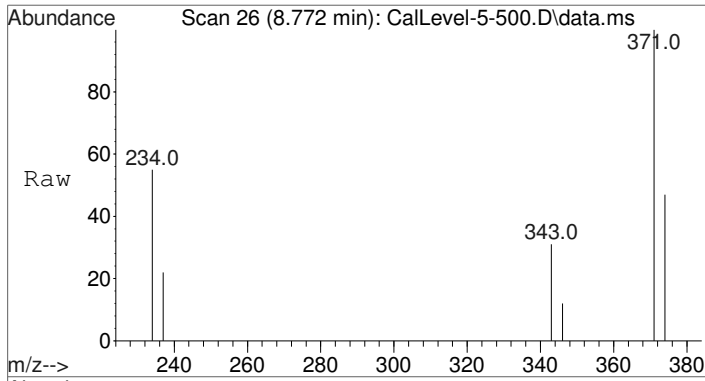
****Manual integration not possible - use full scan data to confirm values over 100 ng/mL.**

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : CalLevel-5-500.D
Acq On : 15 Jan 2015 19:04
Operator : Pocatello Laboratory
Sample : Calibrator Level 5: 500ng/mL
Misc :
ALS Vial : 6 Sample Multiplier: 1



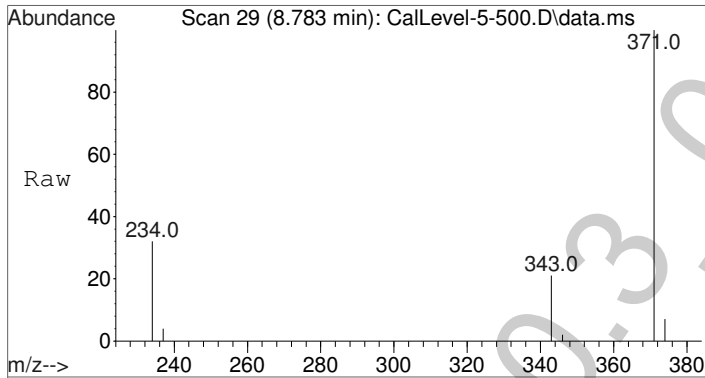
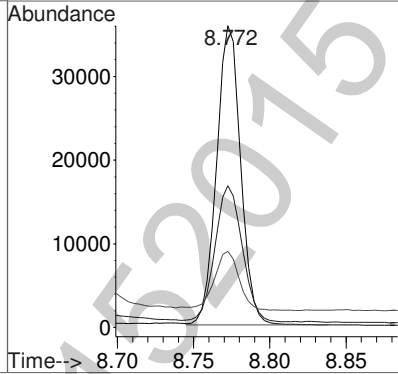
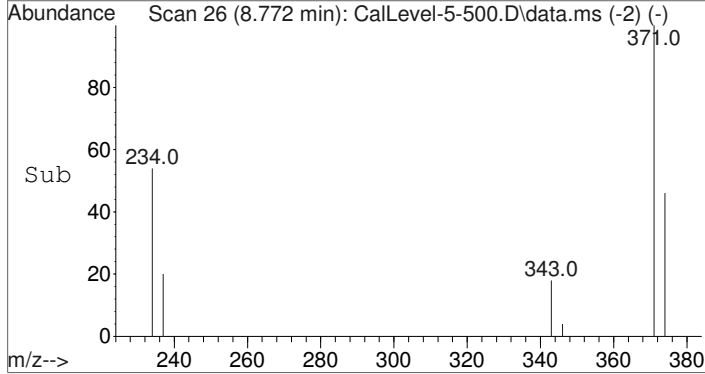
Quant Time: Jan 16 15:04:23 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





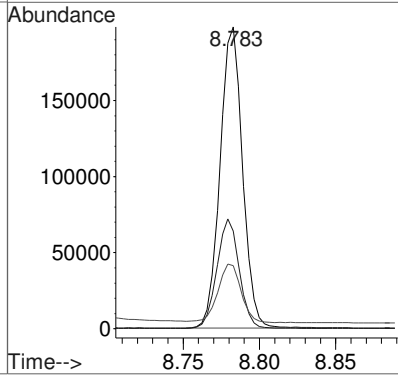
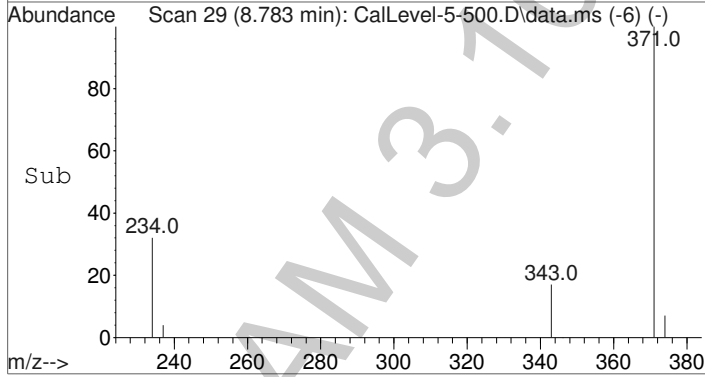
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.772 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: CalLevel-5-500.D
 Acq: 15 Jan 2015 19:04

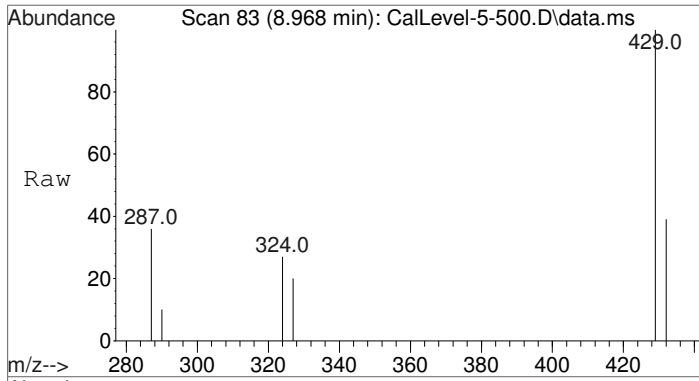
Tgt Ion	Resp	Lower	Upper
374	39310		
374	100		
237	51.7	33.0	49.6#
346	20.7	16.4	24.6



#2
 Codeine-TMS
 Concen: 539.14 ng/mL
 RT: 8.783 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: CalLevel-5-500.D
 Acq: 15 Jan 2015 19:04

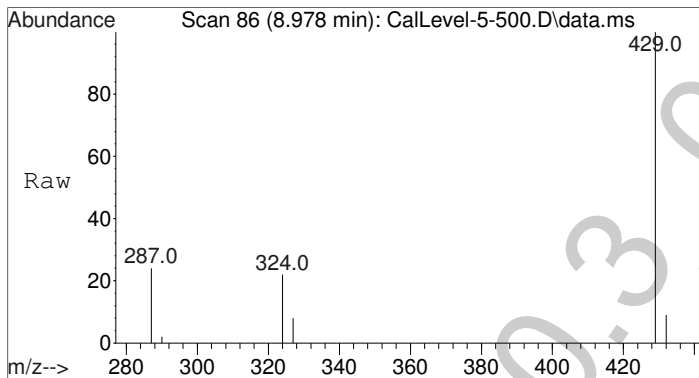
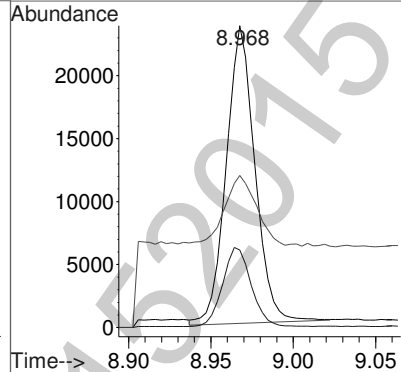
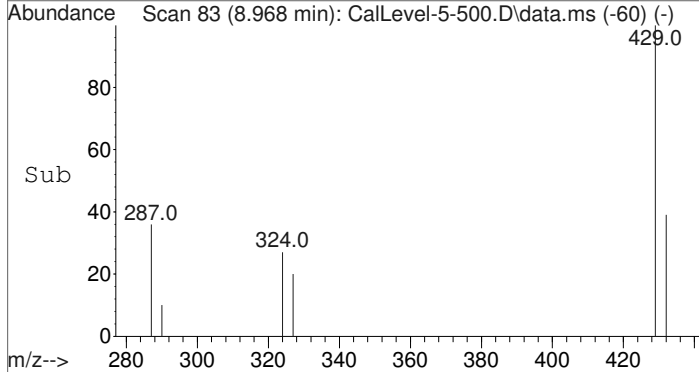
Tgt Ion	Resp	Lower	Upper
371	202531		
371	100		
234	36.2	29.6	44.4
343	20.2	17.6	26.4





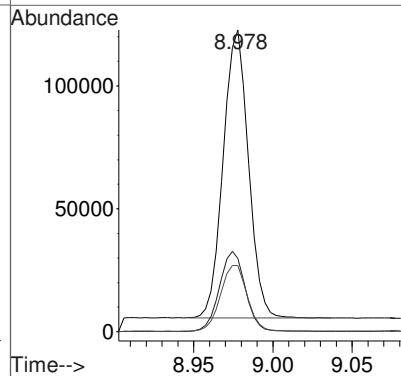
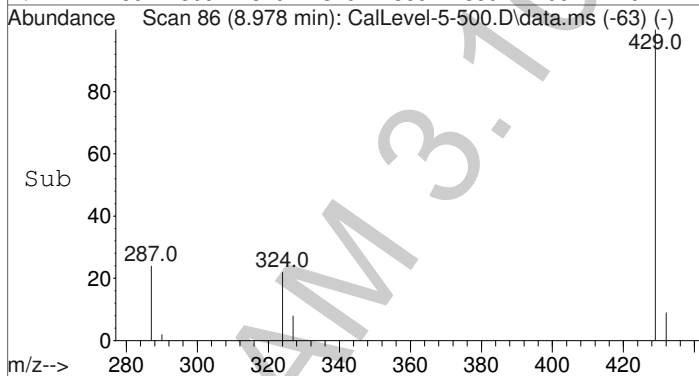
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.968 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: CalLevel-5-500.D
 Acq: 15 Jan 2015 19:04

Tgt Ion	Resp	Lower	Upper
432	28655		
432	100		
290	26.2	21.8	32.6
327	25.6	16.7	25.1#

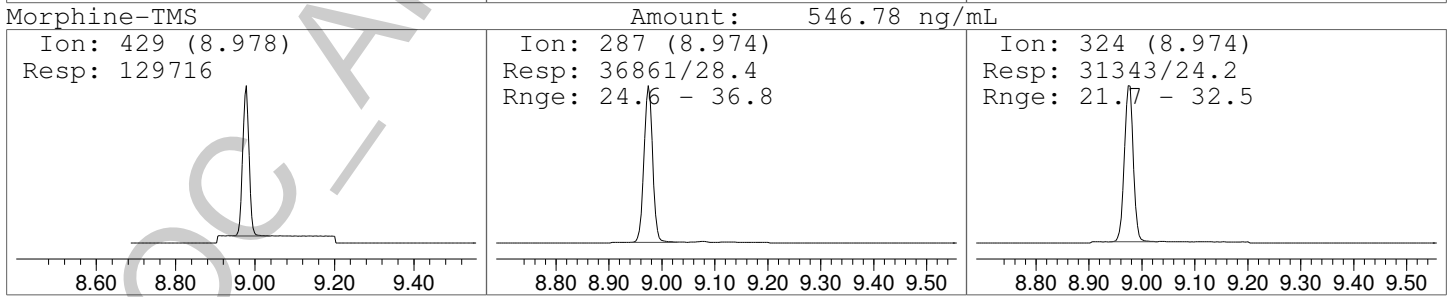
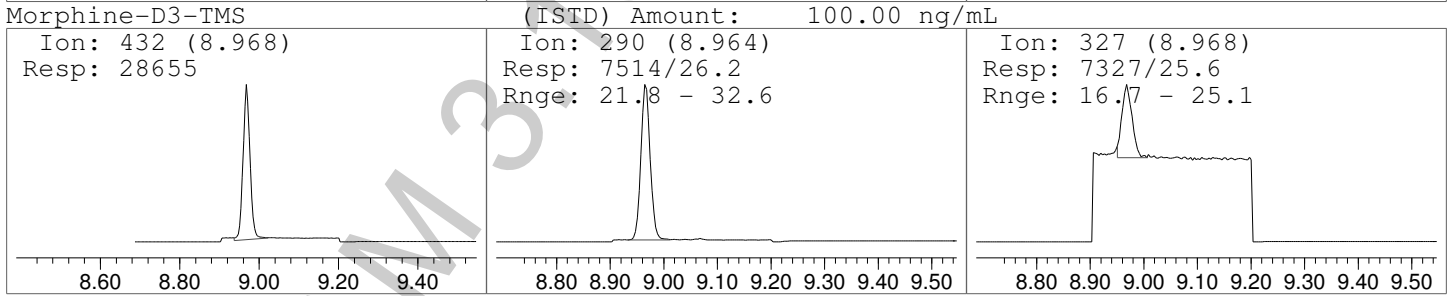
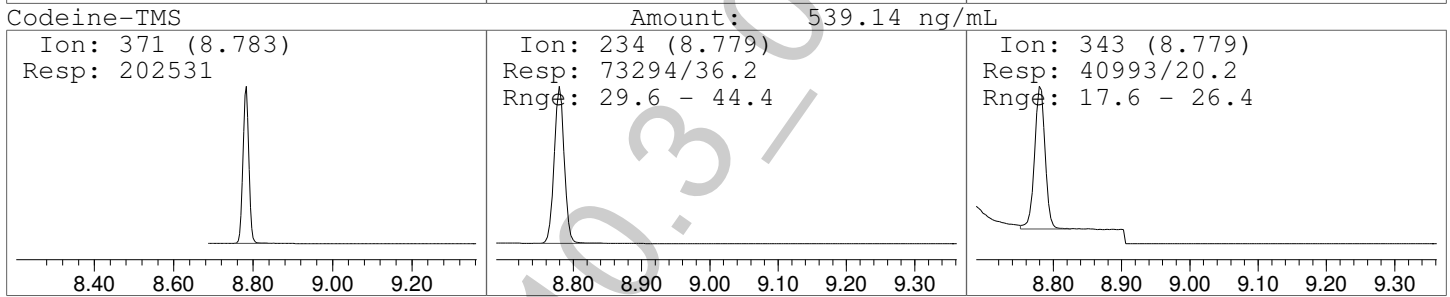
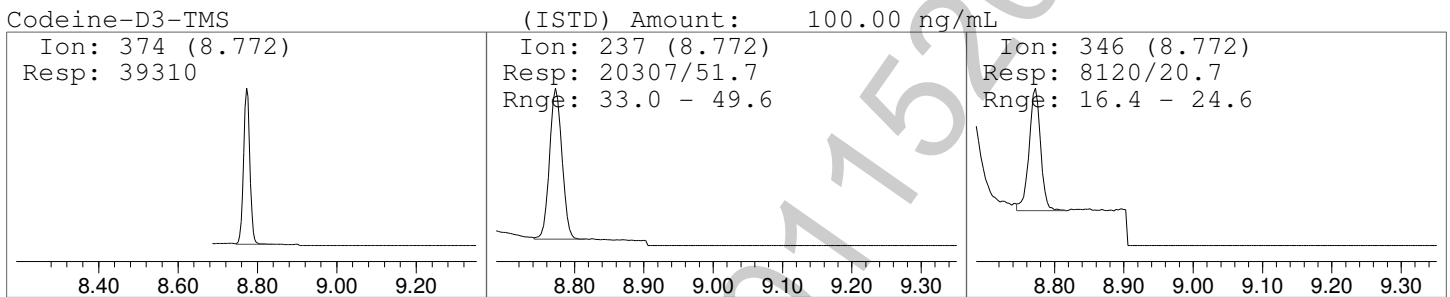
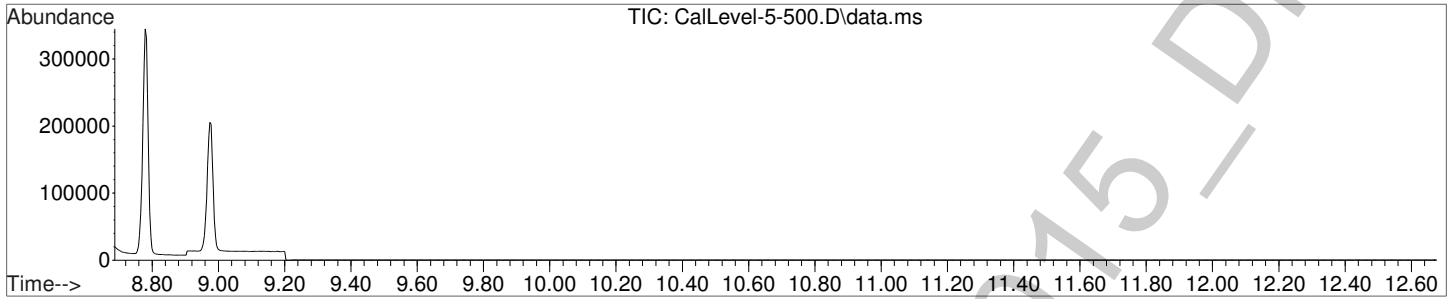


#4
 Morphine-TMS
 Concen: 546.78 ng/mL
 RT: 8.978 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: CalLevel-5-500.D
 Acq: 15 Jan 2015 19:04

Tgt Ion	Resp	Lower	Upper
429	129716		
429	100		
287	28.4	24.6	36.8
324	24.2	21.7	32.5



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-5-500.D
 Acq On : 15 Jan 2015 19:04
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 5: 500ng/mL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-6-1000.D
 Acq On : 15 Jan 2015 19:23
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 6: 1000ng/mL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1



Quant Time: Jan 16 15:04:30 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.776	374	46183	100.00	ng/mL	* # 0.00
3) Morphine-D3-TMS	8.971	432	36974	100.00	ng/mL	# 0.00
Target Compounds						
2) Codeine-TMS	8.783	371	424469	978.24	ng/mL	Qvalue 97
4) Morphine-TMS	8.978	429	289604	970.31	ng/mL	95

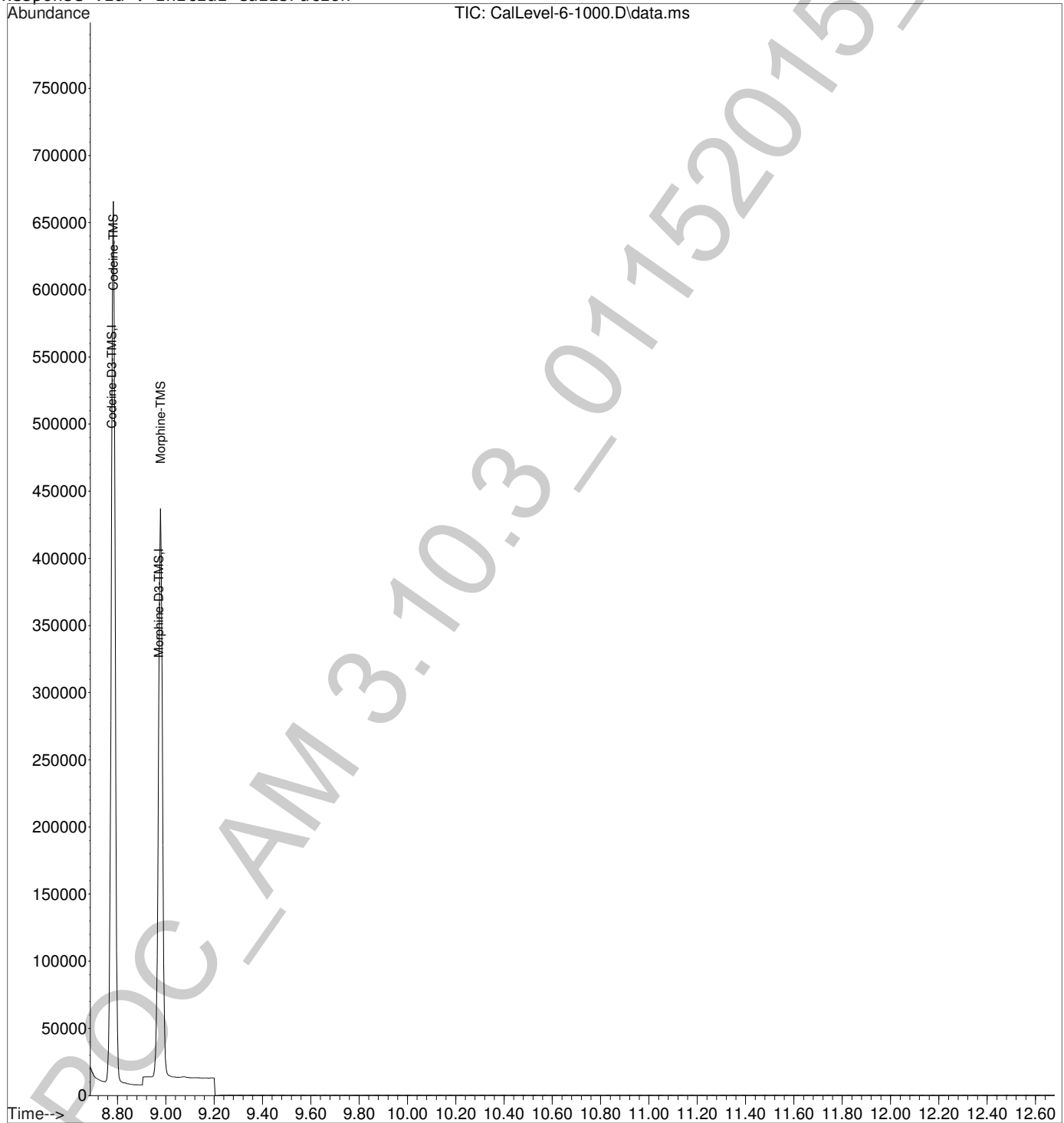
(#) = qualifier out of range (m) = manual integration (+) = signals summed

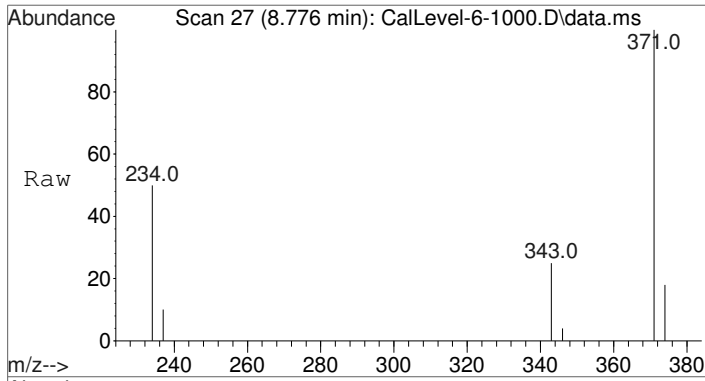
***Manual integration not possible - use full scan data to confirm values over 100 ng/mL.**

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : CalLevel-6-1000.D
Acq On : 15 Jan 2015 19:23
Operator : Pocatello Laboratory
Sample : Calibrator Level 6: 1000ng/mL
Misc :
ALS Vial : 7 Sample Multiplier: 1

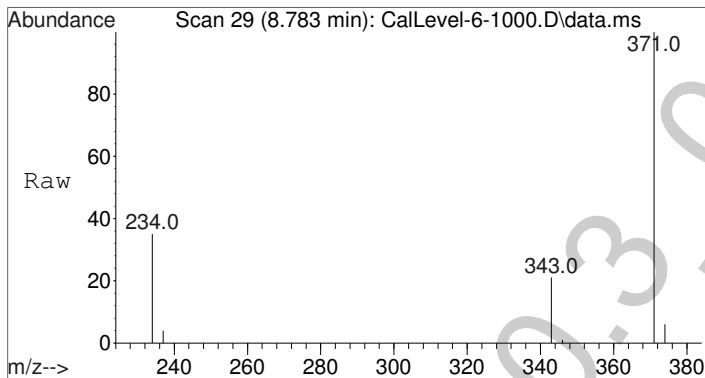
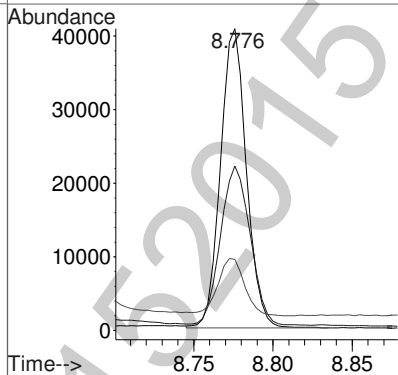
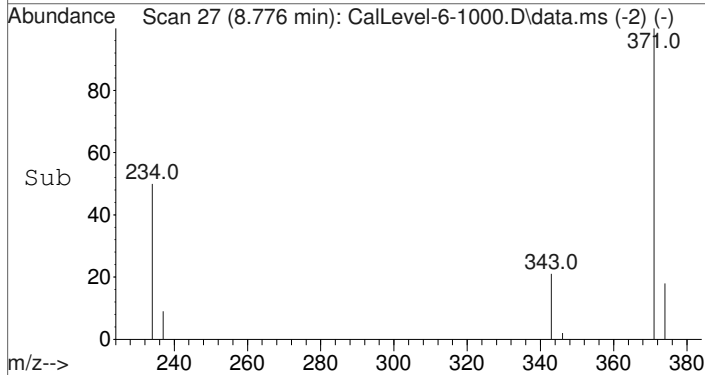
Quant Time: Jan 16 15:04:30 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





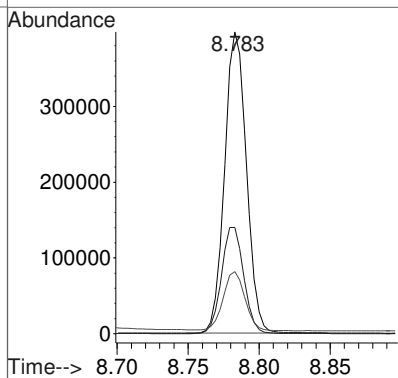
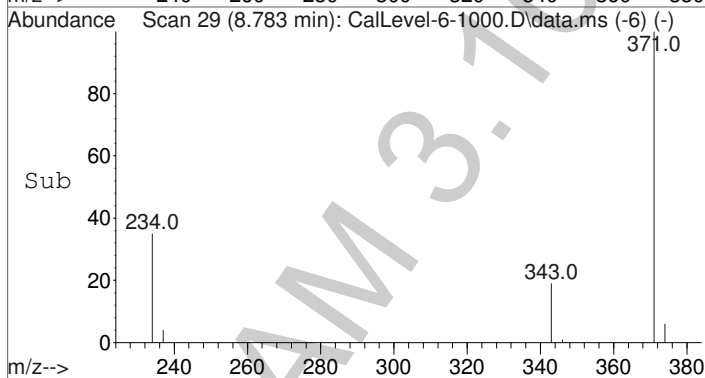
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.776 min Scan# 27
 Delta R.T. 0.004 min
 Lab File: CalLevel-6-1000.D
 Acq: 15 Jan 2015 19:23

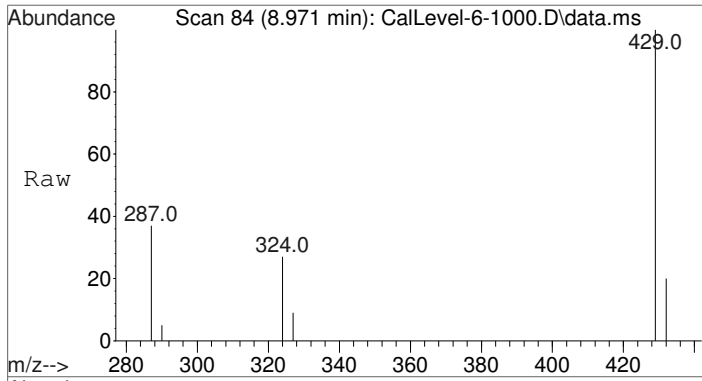
Tgt Ion	Resp	Lower	Upper
374	46183		
374	100		
237	61.0	33.0	49.6#
346	20.1	16.4	24.6



#2
 Codeine-TMS
 Concen: 978.24 ng/mL
 RT: 8.783 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: CalLevel-6-1000.D
 Acq: 15 Jan 2015 19:23

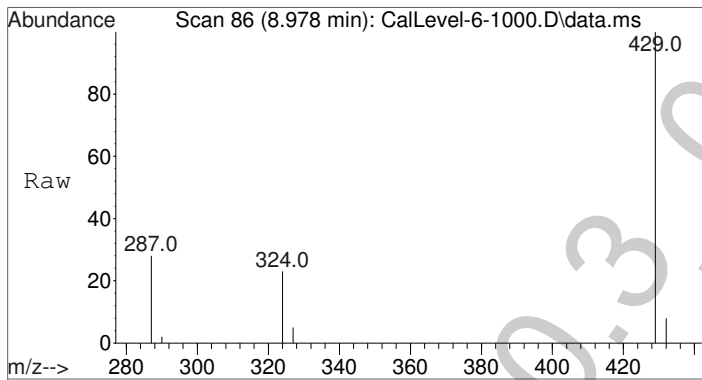
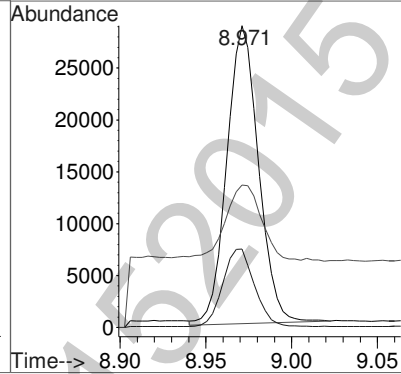
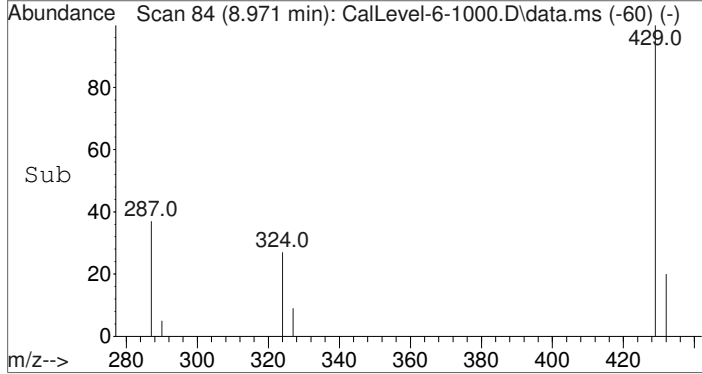
Tgt Ion	Resp	Lower	Upper
371	424469		
371	100		
234	36.1	29.6	44.4
343	19.7	17.6	26.4





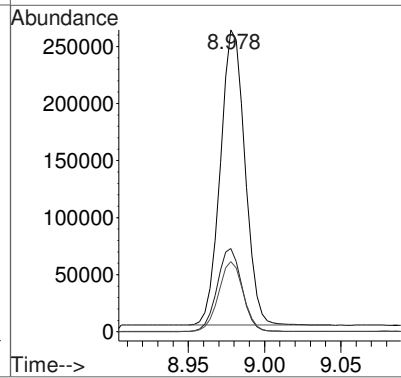
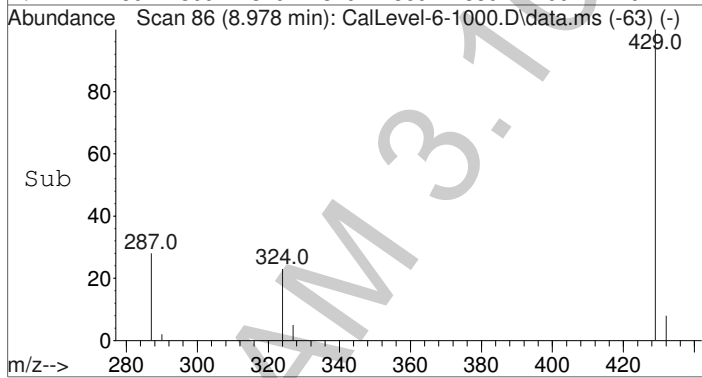
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.971 min Scan# 84
 Delta R.T. 0.004 min
 Lab File: CalLevel-6-1000.D
 Acq: 15 Jan 2015 19:23

Tgt Ion	Resp	Lower	Upper
432	36974		
432	100		
290	26.4	21.8	32.6
327	27.4	16.7	25.1#

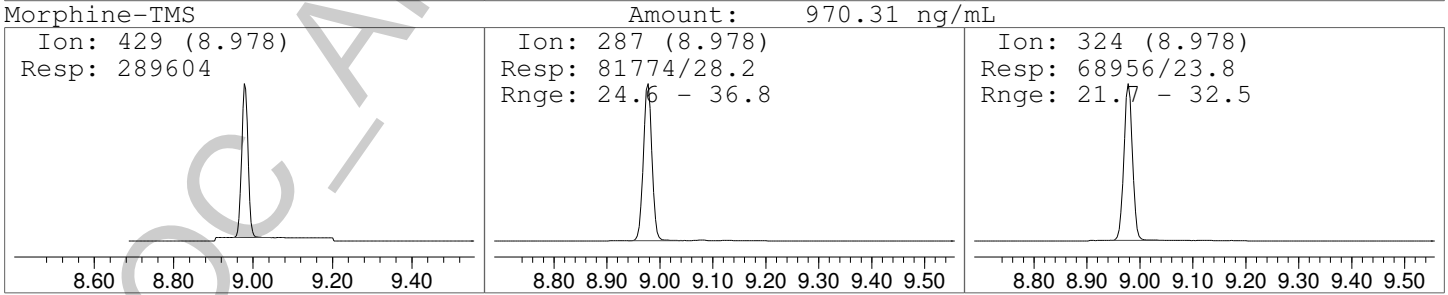
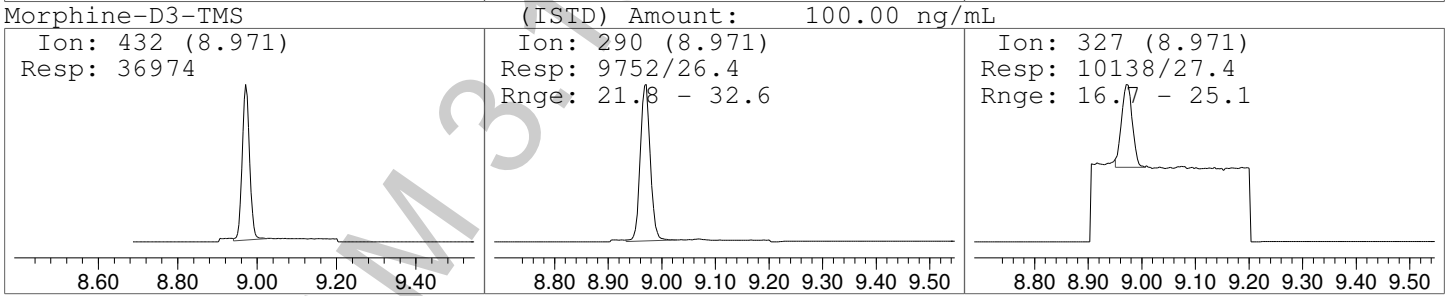
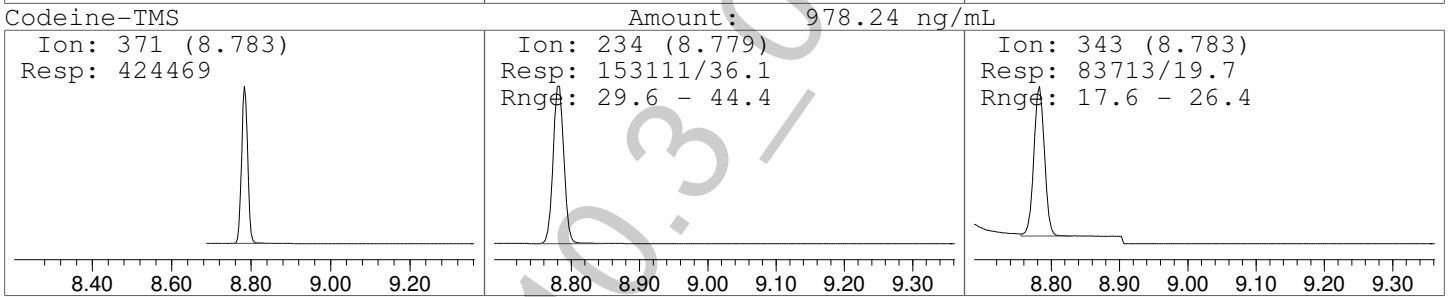
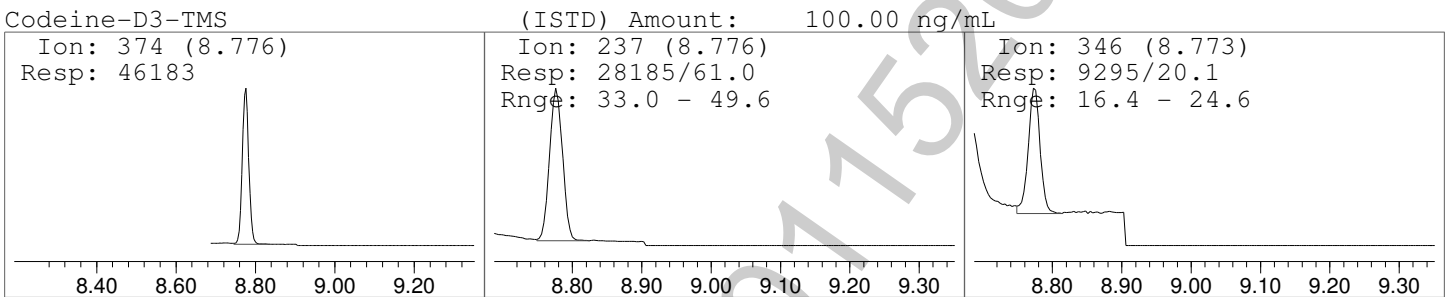
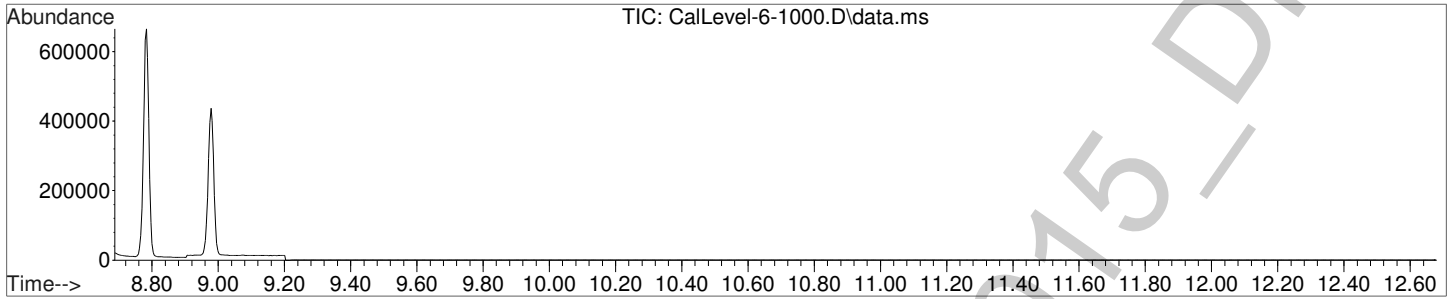


#4
 Morphine-TMS
 Concen: 970.31 ng/mL
 RT: 8.978 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: CalLevel-6-1000.D
 Acq: 15 Jan 2015 19:23

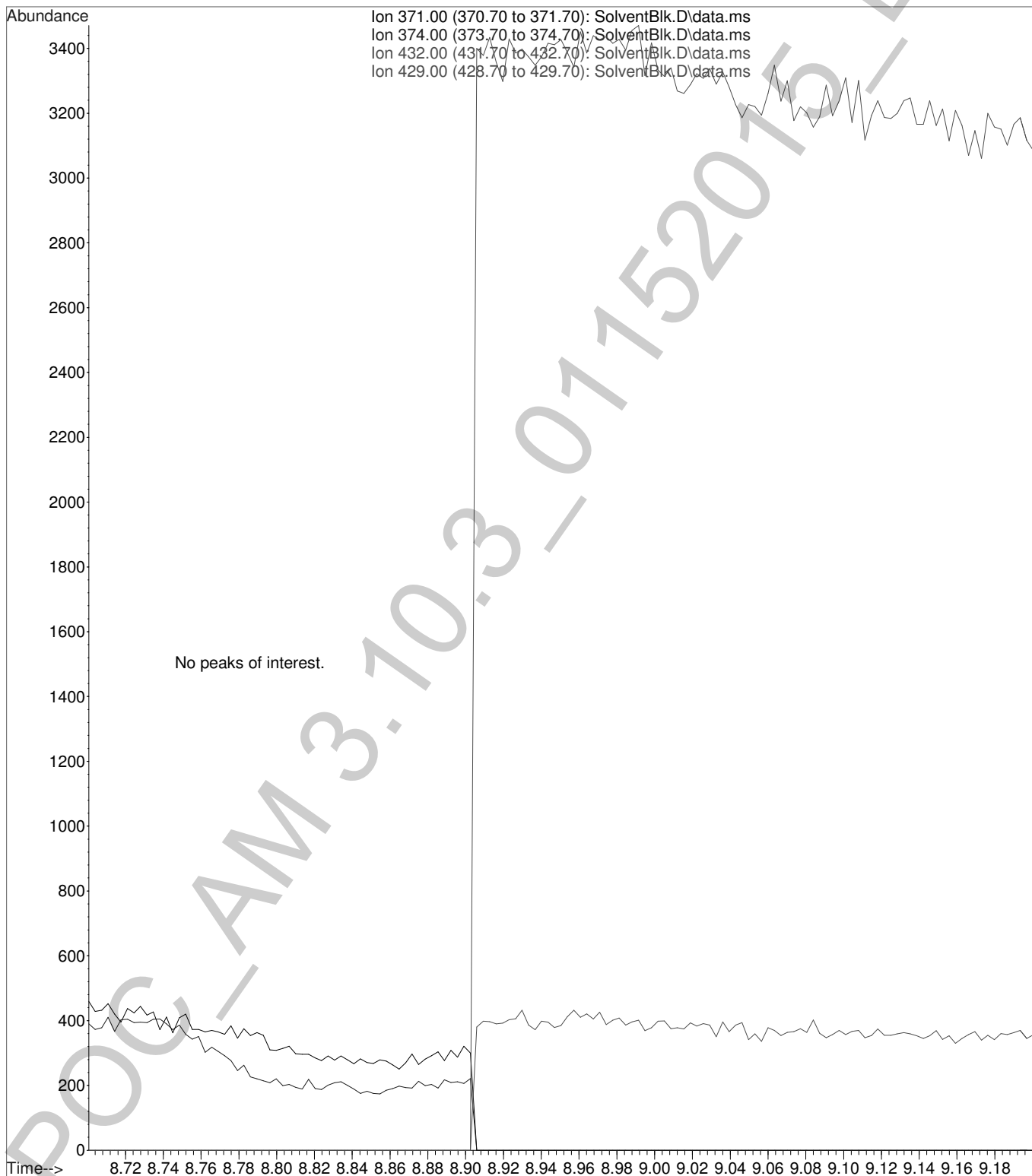
Tgt Ion	Resp	Lower	Upper
429	289604		
429	100		
287	28.2	24.6	36.8
324	23.8	21.7	32.5



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : CalLevel-6-1000.D
 Acq On : 15 Jan 2015 19:23
 Operator : Pocatello Laboratory
 Sample : Calibrator Level 6: 1000ng/mL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1



File :C:\gcms\1\data\Blood\011515OP\SolventBlk.D
Operator : Pocatello Laboratory
Acquired : 15 Jan 2015 19:41 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: Solvent Blank
Misc Info : CHCl3
Vial Number: 98



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : PC-75-1.D
 Acq On : 15 Jan 2015 20:00
 Operator : Pocatello Laboratory
 Sample : 75ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 16 15:17:47 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

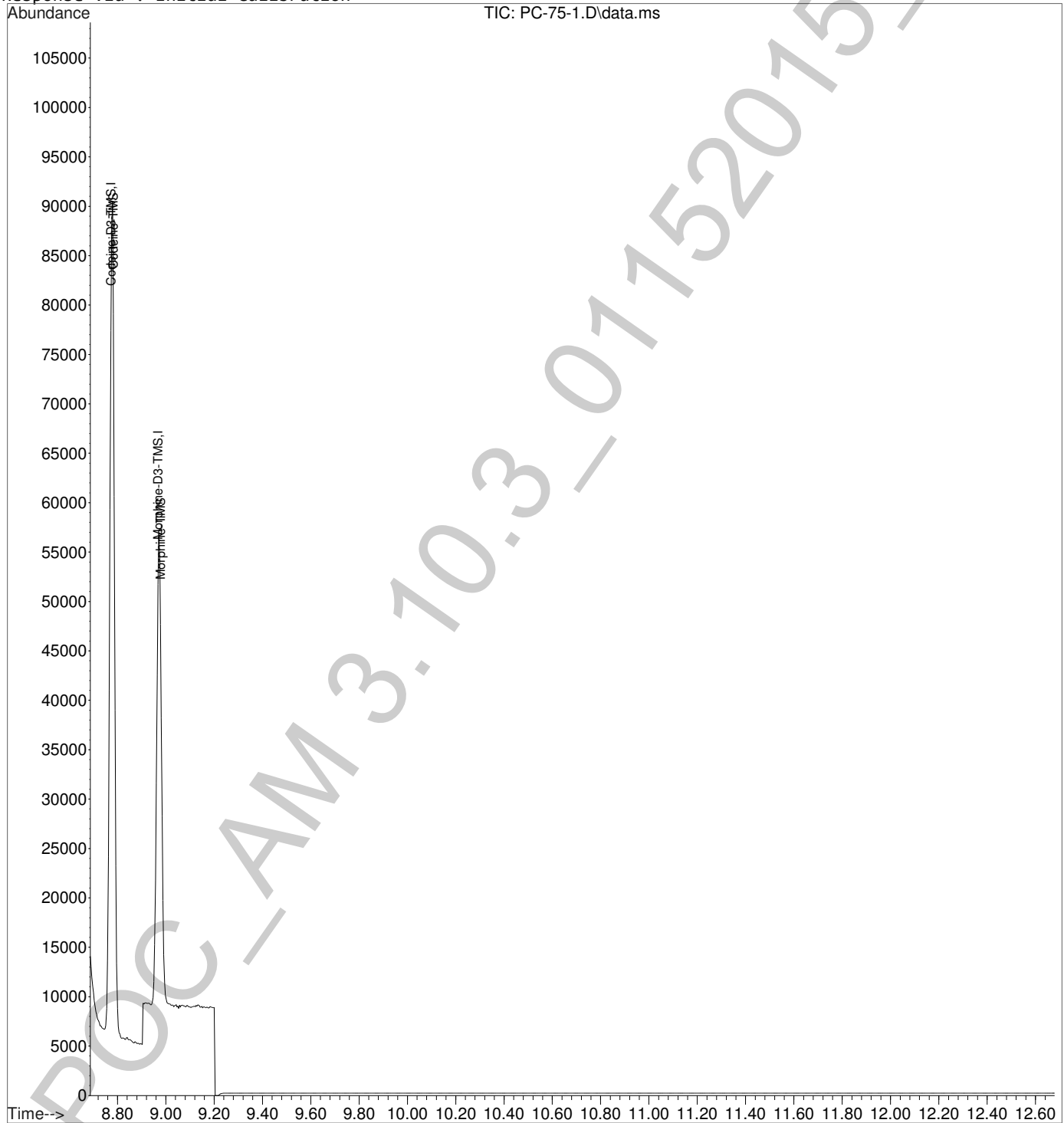
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.773	374	36638	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.968	432	24232	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.783	371	34255	80.66	ng/mL	100
4) Morphine-TMS	8.978	429	19398	69.37	ng/mL	97

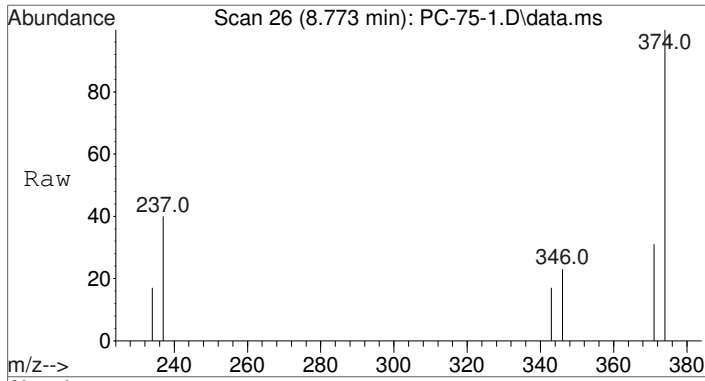
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : PC-75-1.D
Acq On : 15 Jan 2015 20:00
Operator : Pocatello Laboratory
Sample : 75ng/mL Positive Control
Misc : Analytical Method 3.10.3
ALS Vial : 8 Sample Multiplier: 1

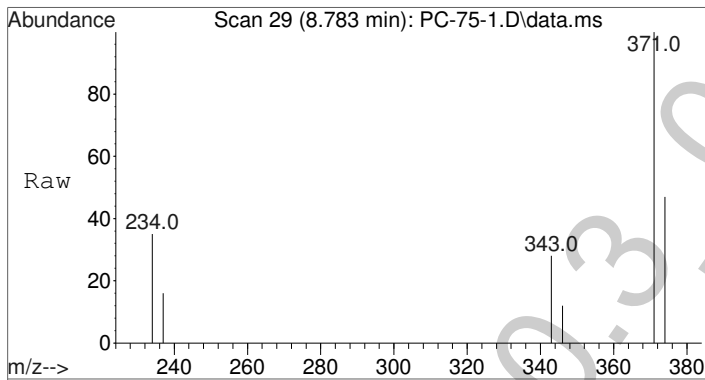
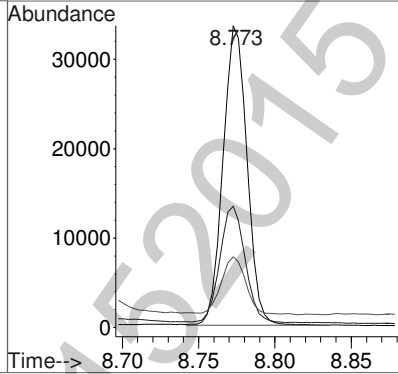
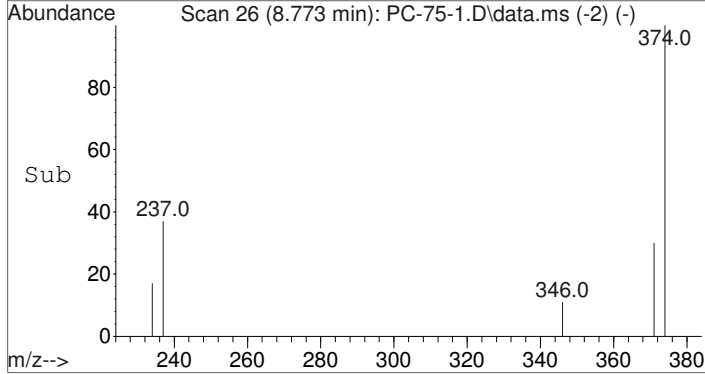
Quant Time: Jan 16 15:17:47 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





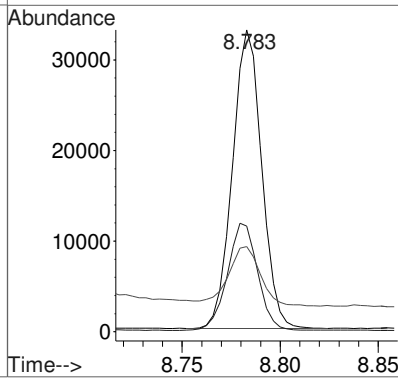
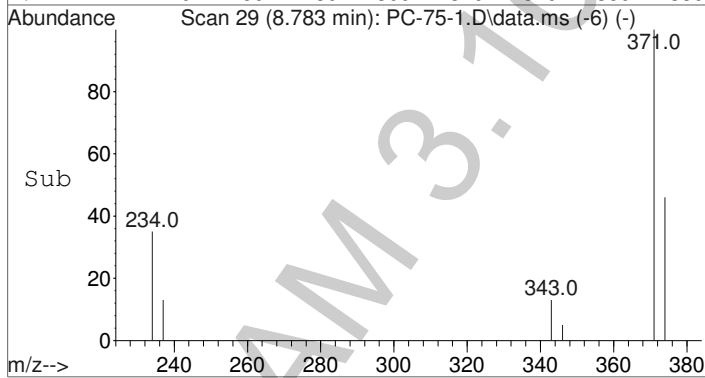
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.773 min Scan# 26
 Delta R.T. 0.001 min
 Lab File: PC-75-1.D
 Acq: 15 Jan 2015 20:00

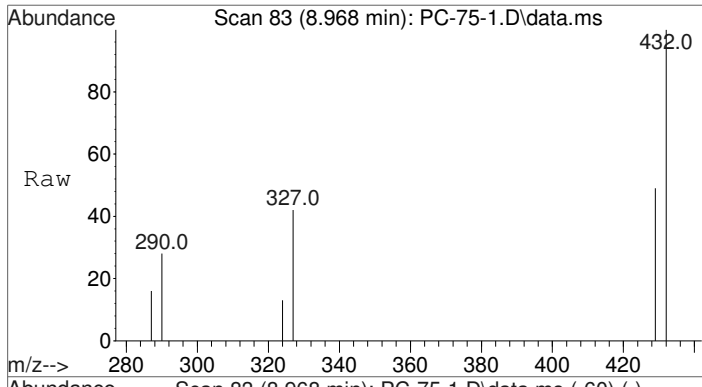
Tgt Ion	Resp	Lower	Upper
374	36638		
374	100		
237	40.8	33.0	49.6
346	19.9	16.4	24.6



#2
 Codeine-TMS
 Concen: 80.66 ng/mL
 RT: 8.783 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: PC-75-1.D
 Acq: 15 Jan 2015 20:00

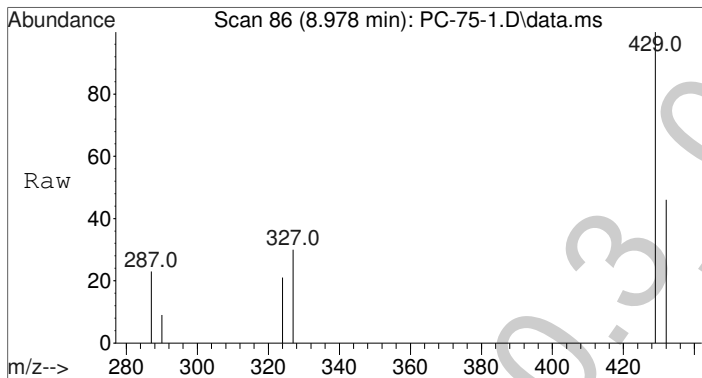
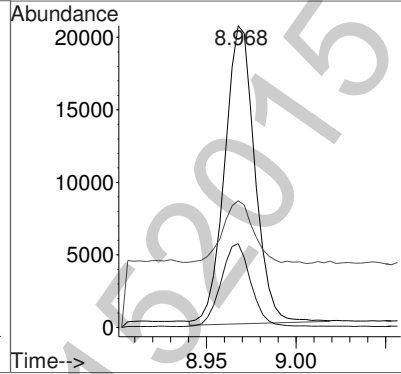
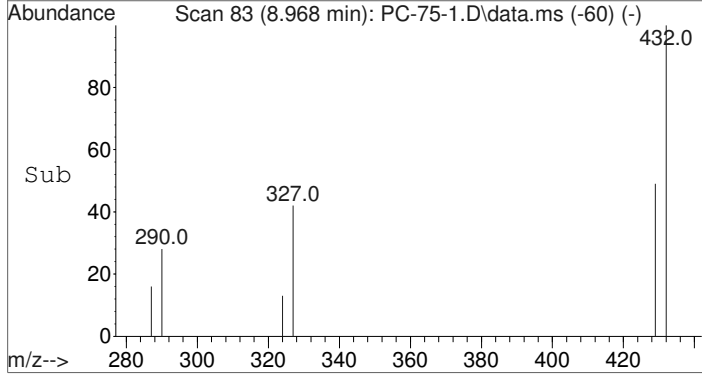
Tgt Ion	Resp	Lower	Upper
371	34255		
371	100		
234	36.9	29.6	44.4
343	22.2	17.6	26.4





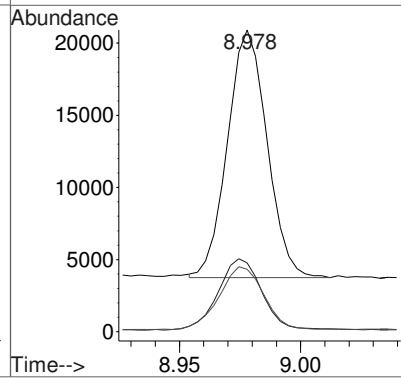
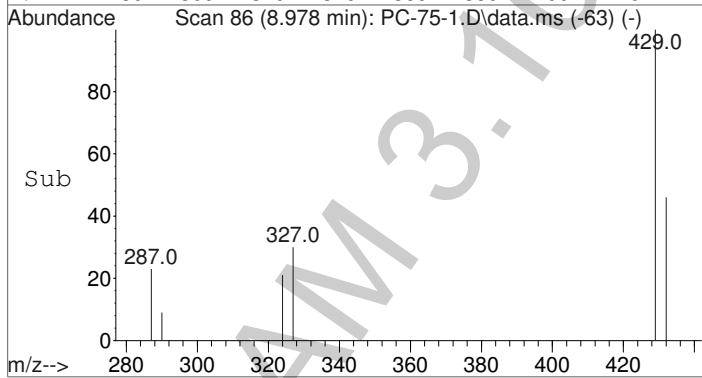
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.968 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: PC-75-1.D
 Acq: 15 Jan 2015 20:00

Tgt Ion	Resp	Lower	Upper
432	100		
290	27.2	21.8	32.6
327	20.8	16.7	25.1

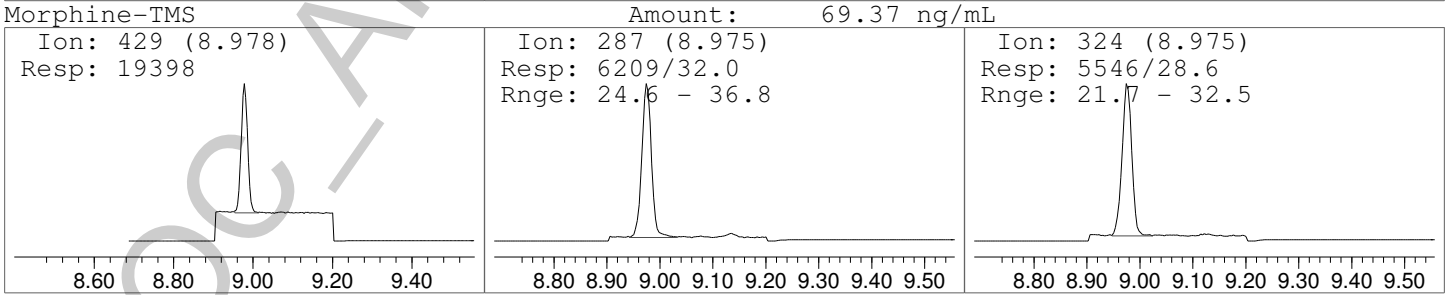
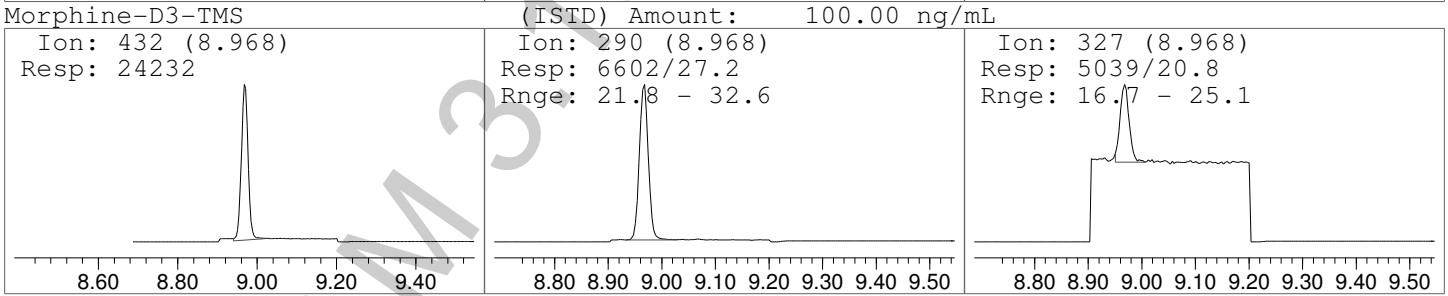
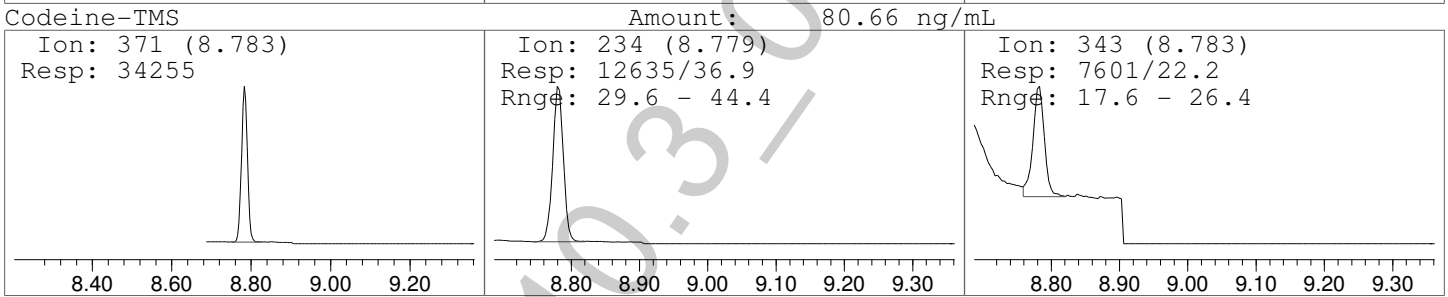
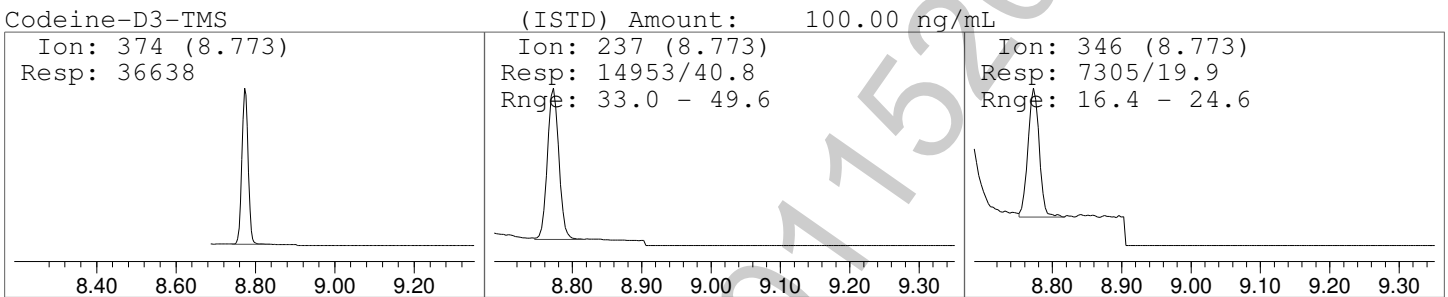
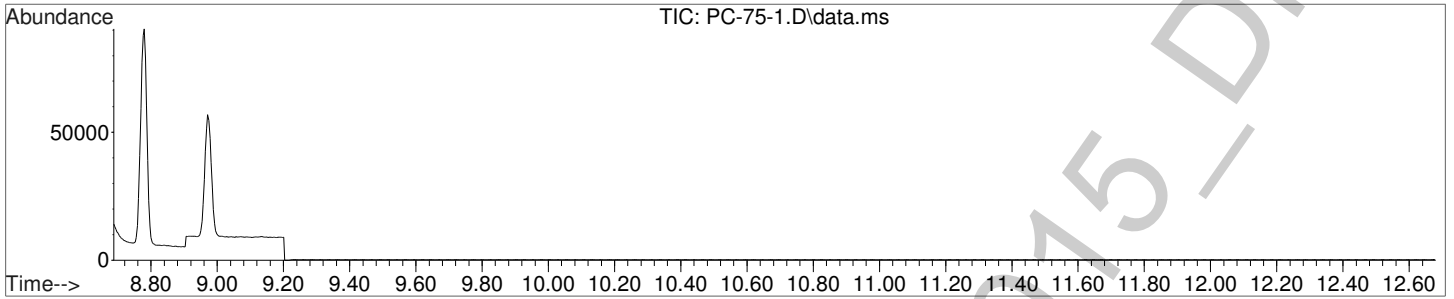
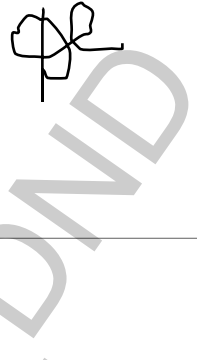


#4
 Morphine-TMS
 Concen: 69.37 ng/mL
 RT: 8.978 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: PC-75-1.D
 Acq: 15 Jan 2015 20:00

Tgt Ion	Resp	Lower	Upper
429	100		
287	32.0	24.6	36.8
324	28.6	21.7	32.5



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : PC-75-1.D
 Acq On : 15 Jan 2015 20:00
 Operator : Pocatello Laboratory
 Sample : 75ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 8 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : PC-750-1.D
 Acq On : 15 Jan 2015 20:18
 Operator : Pocatello Laboratory
 Sample : 750ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 9 Sample Multiplier: 1



Quant Time: Jan 16 15:17:22 2015
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
 QLast Update : Fri Jan 16 15:03:49 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.776	374	43344	100.00	ng/mL	# 0.00
3) Morphine-D3-TMS	8.971	432	35984	100.00	ng/mL	* # 0.00
Target Compounds						
2) Codeine-TMS	8.783	371	348700	853.64	ng/mL	Qvalue 97
4) Morphine-TMS	8.978	429	234836	802.92	ng/mL	Qvalue 95

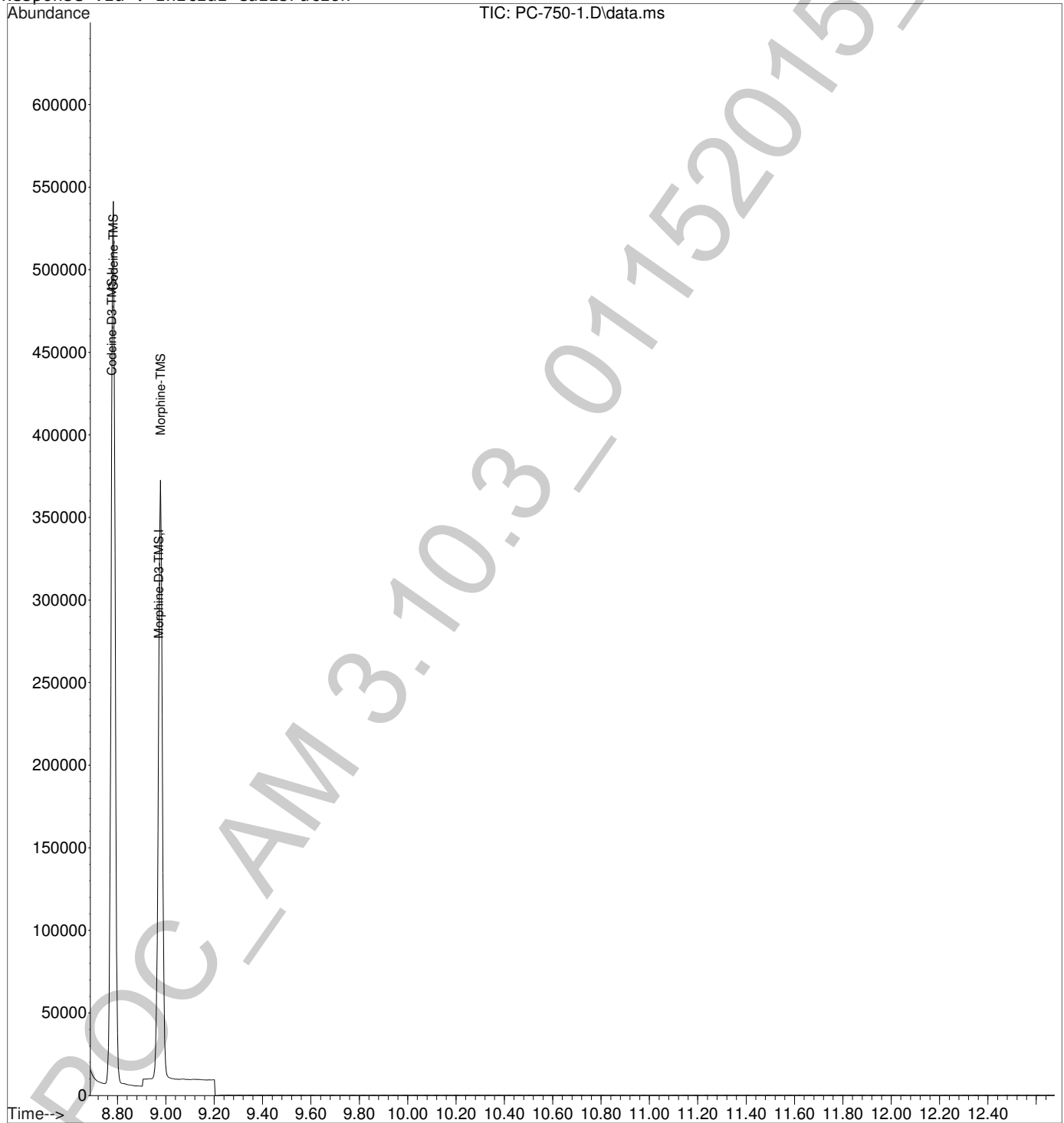
(#) = qualifier out of range (m) = manual integration (+) = signals summed

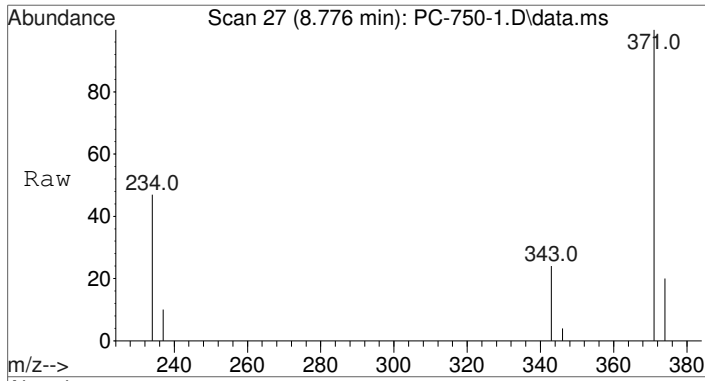
***Manual integration not possible - use full scan data to confirm values over 100 ng/mL.**

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0115150P\
Data File : PC-750-1.D
Acq On : 15 Jan 2015 20:18
Operator : Pocatello Laboratory
Sample : 750ng/mL Positive Control
Misc : Analytical Method 3.10.3
ALS Vial : 9 Sample Multiplier: 1

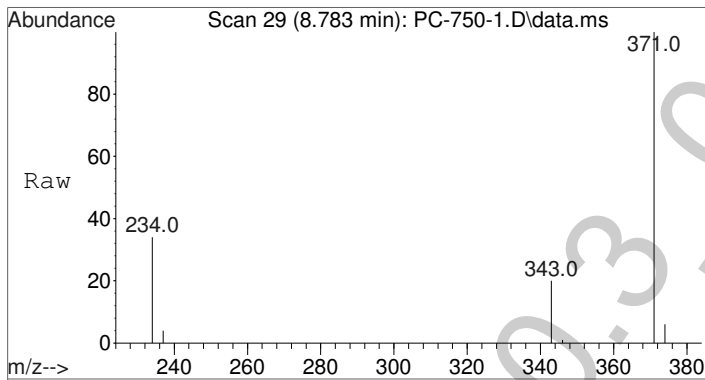
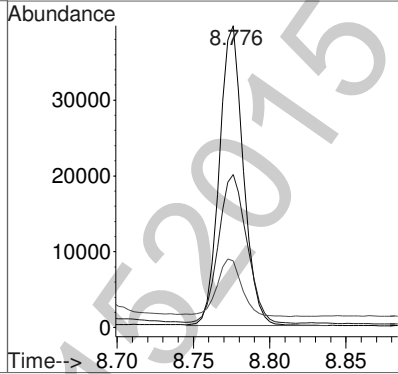
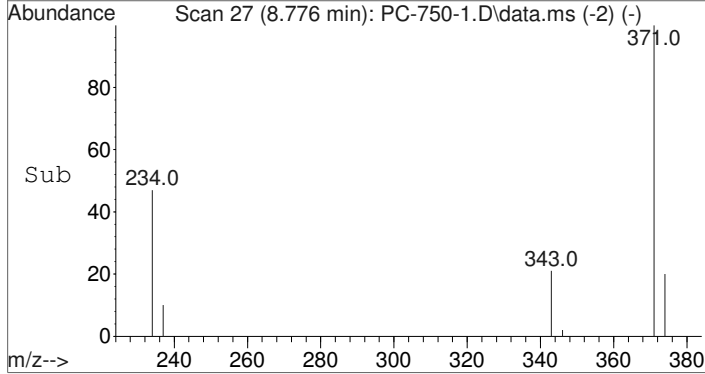
Quant Time: Jan 16 15:17:22 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Jan 16 15:03:49 2015
Response via : Initial Calibration





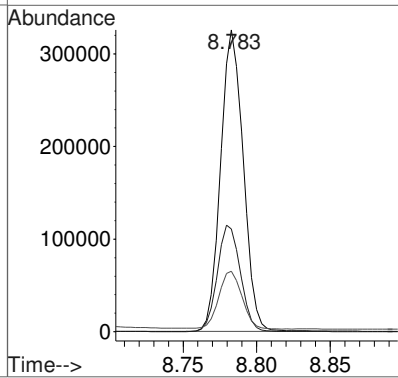
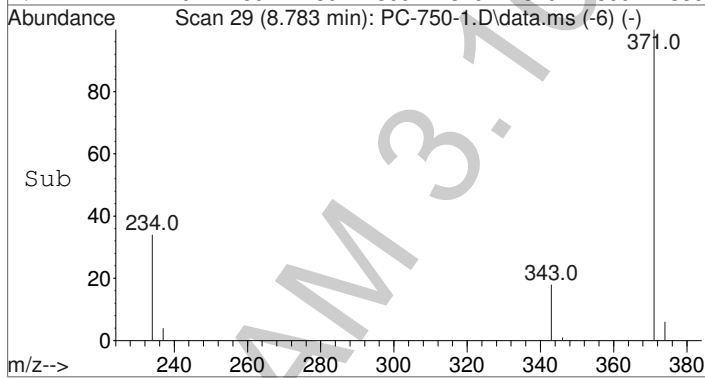
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.776 min Scan# 27
 Delta R.T. 0.004 min
 Lab File: PC-750-1.D
 Acq: 15 Jan 2015 20:18

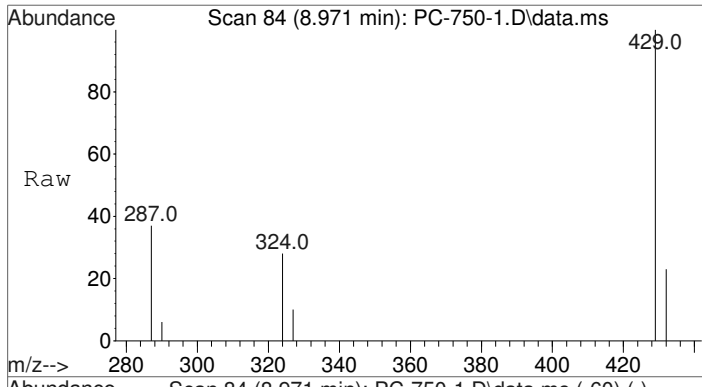
Tgt Ion	Resp	Lower	Upper
374	43344		
374	100		
237	58.4	33.0	49.6#
346	19.9	16.4	24.6



#2
 Codeine-TMS
 Concen: 853.64 ng/mL
 RT: 8.783 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: PC-750-1.D
 Acq: 15 Jan 2015 20:18

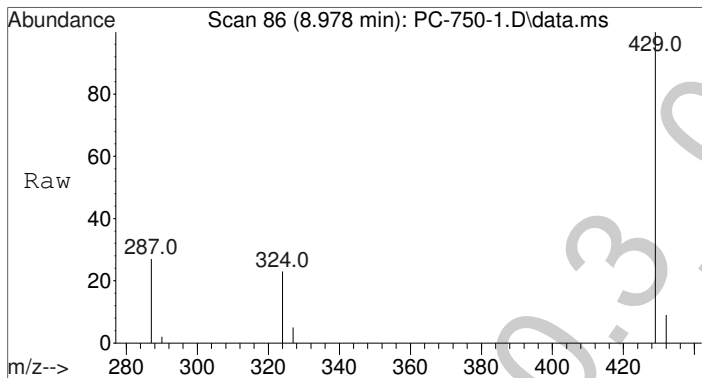
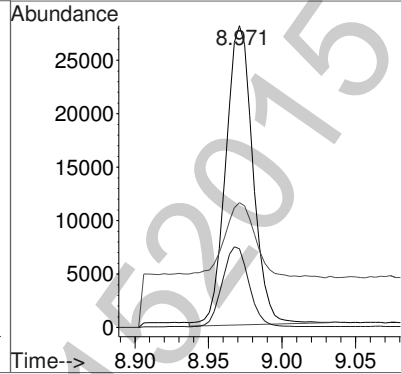
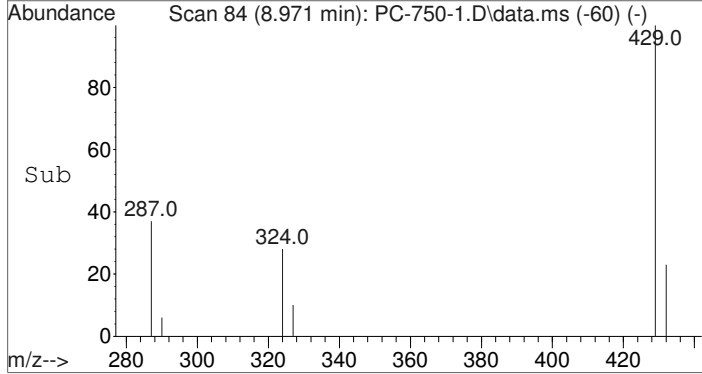
Tgt Ion	Resp	Lower	Upper
371	348700		
371	100		
234	35.9	29.6	44.4
343	19.7	17.6	26.4





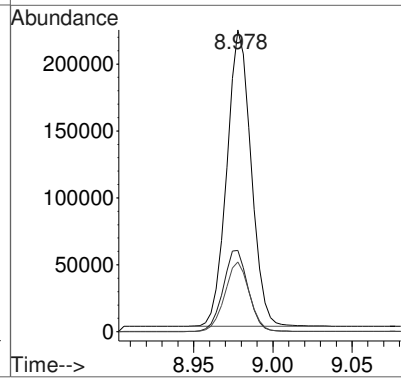
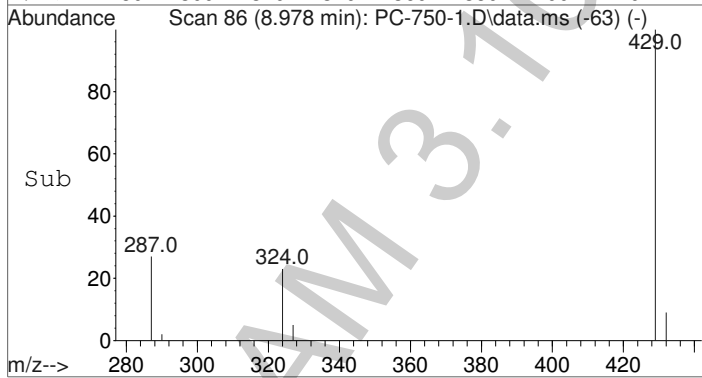
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.971 min Scan# 84
 Delta R.T. 0.004 min
 Lab File: PC-750-1.D
 Acq: 15 Jan 2015 20:18

Tgt Ion	Resp	Lower	Upper
432	35984		
432	100		
290	27.6	21.8	32.6
327	26.6	16.7	25.1#

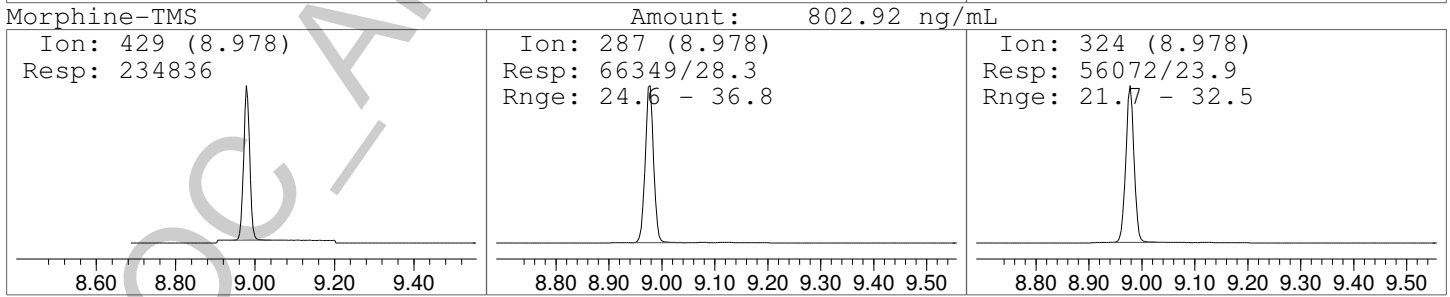
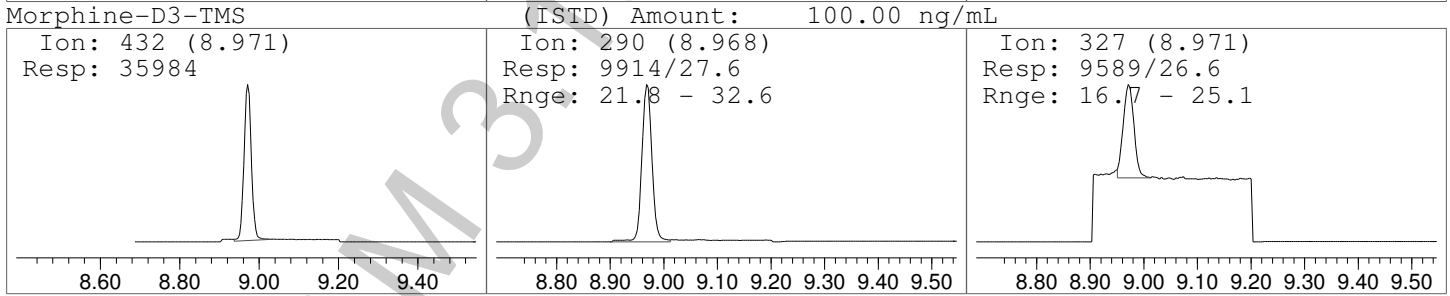
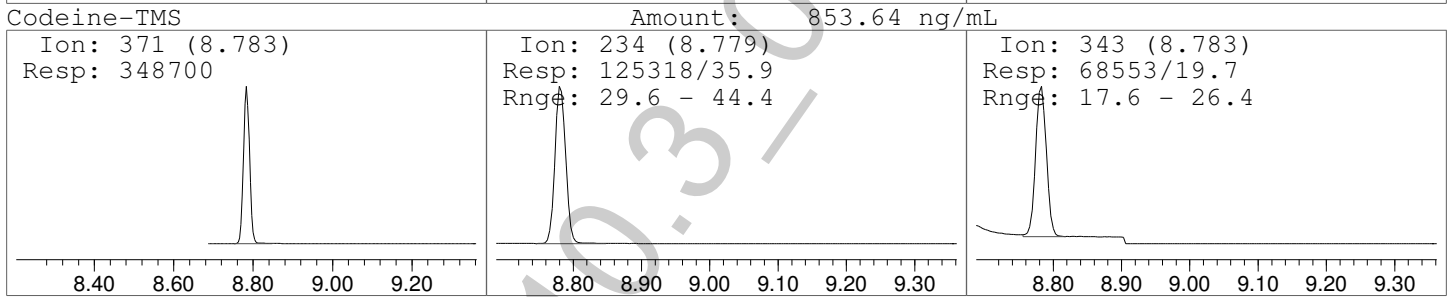
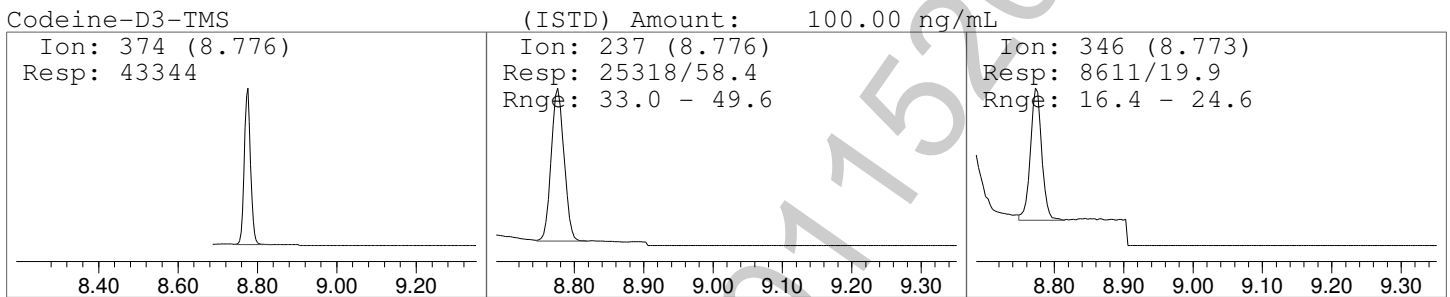
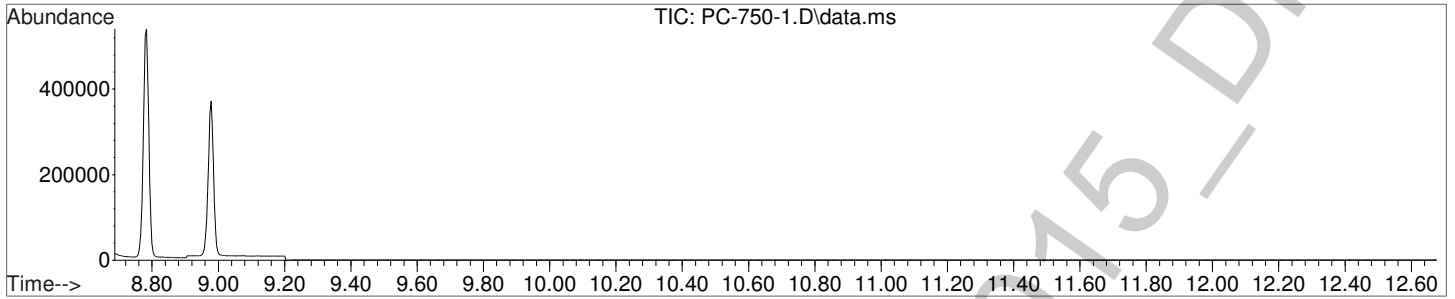


#4
 Morphine-TMS
 Concen: 802.92 ng/mL
 RT: 8.978 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: PC-750-1.D
 Acq: 15 Jan 2015 20:18

Tgt Ion	Resp	Lower	Upper
429	234836		
429	100		
287	28.3	24.6	36.8
324	23.9	21.7	32.5



Data Path : C:\gcms\1\data\Blood\011515OP\
 Data File : PC-750-1.D
 Acq On : 15 Jan 2015 20:18
 Operator : Pocatello Laboratory
 Sample : 750ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 9 Sample Multiplier: 1



File :C:\gcms\1\data\Blood\011515OP\Post-Blank.D
Operator : Pocatello Laboratory
Acquired : 16 Jan 2015 3:08 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: Post-run Solvent Blank
Misc Info : CHCl3
Vial Number: 90

