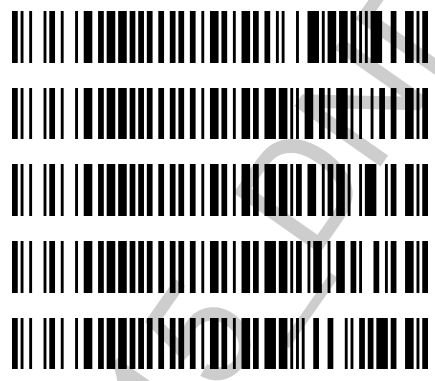


Worklist: 586

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
P2014-3004	1	28471	3.10.3 Blood confirmation of co
P2015-0001	1	28478	3.10.3 Blood confirmation of co
P2015-0015	1	28479	3.10.3 Blood confirmation of co
P2015-0023	1	28482	3.10.3 Blood confirmation of co
P2015-0122	1	28486	3.10.3 Blood confirmation of co



POC_AM 3.10.3_02192015

02/19/15

Simulate Run Sequence Wed Feb 18 14:42:38 2015

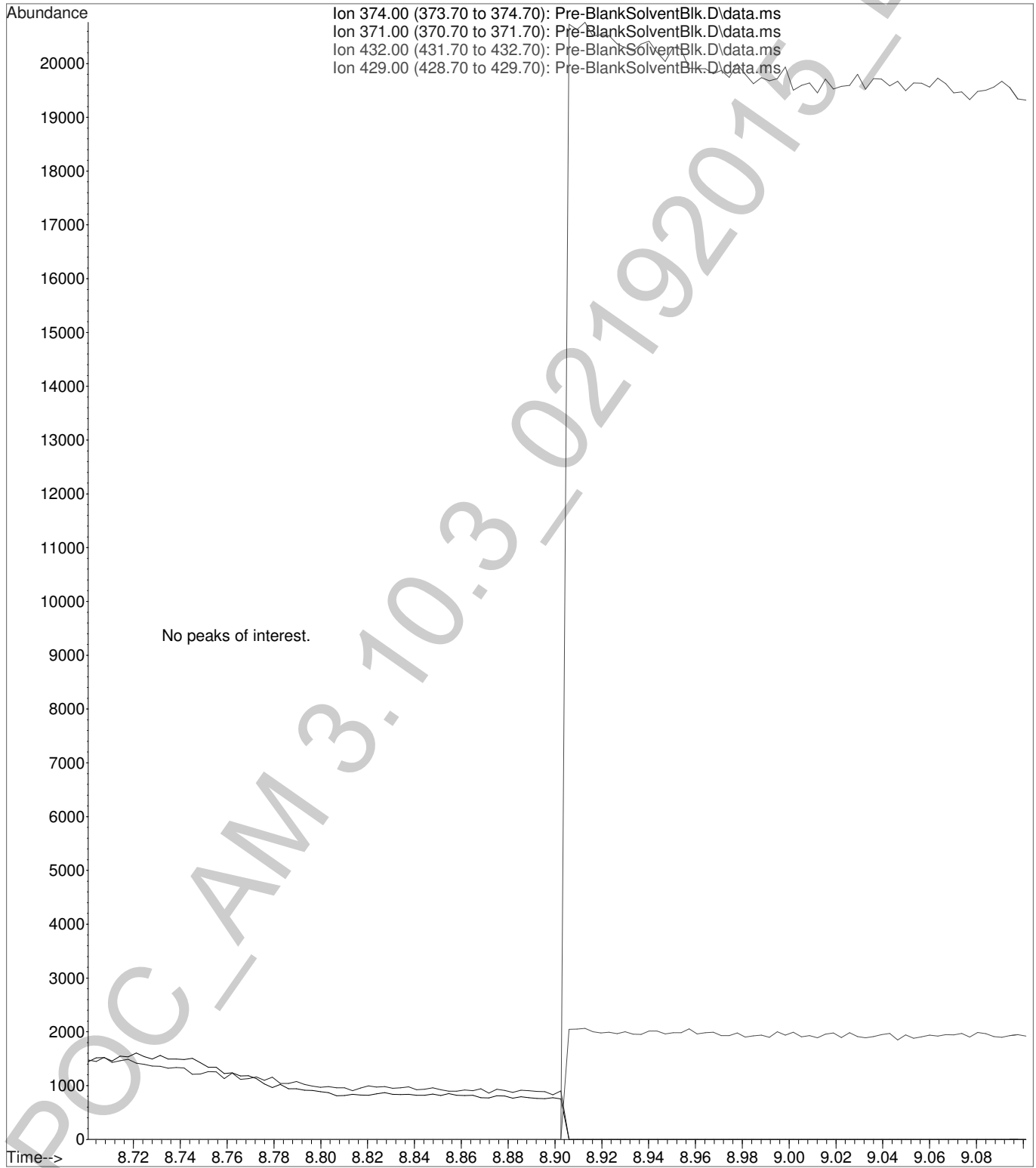
Instrument Name: Probie
Sequence File: C:\msdchem\1\sequence\DD-Op.S
Comment:
Operator: D Downey
Data Path: C:\MSDCHEM\1\DATA\DND\2015\021915OP\
Method Path: C:\MSDCHEM\1\METHODS\

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)	Sample	9	750ng/mL Positive Control		
	Datafile		Pre-runPC		
	Method		AM-3-10-3-3		
4)	Sample	99	Pre-run Solvent Blank		
	Datafile		Pre-BlankSolventBlk		
	Method		AM-3-10-3-3		
5)	Sample	1	Negative Whole Blood Utak Lot B0130		
	Datafile		NegativeWholeBlood		
	Method		AM-3-10-3-3		
6)	Sample	1	Negative Whole Blood Utak Lot B0130		
	Datafile		NegativeWholeBlood-FS		
	Method		AM3-10-3-FS		
7)	Sample	2	Calibrator Level 1: 25ng/mL		
	Datafile		CalLevel-1-25		
	Method		AM-3-10-3-3		
8)	Sample	3	Calibrator Level 2: 50ng/mL		
	Datafile		CalLevel-2-50		
	Method		AM-3-10-3-3		
9)	Sample	4	Calibrator Level 3: 100ng/mL		
	Datafile		CalLevel-3-100		
	Method		AM-3-10-3-3		
10)	Sample	5	Calibrator Level 4: 250ng/mL		
	Datafile		CalLevel-4-250		
	Method		AM-3-10-3-3		
11)	Sample	6	Calibrator Level 5: 500ng/mL		
	Datafile		CalLevel-5-500		
	Method		AM-3-10-3-3		
12)	Sample	7	Calibrator Level 6: 1000ng/mL		
	Datafile		CalLevel-6-1000		
	Method		AM-3-10-3-3		
13)	Sample	98	Solvent Blank		
	Datafile		SolventBlk		
	Method		AM-3-10-3-3		
14)	Sample	8	75ng/mL Positive Control		
	Datafile		PC-75-1		
	Method		AM-3-10-3-3		
15)	Sample	9	750ng/mL Positive Control		
	Datafile		PC-750-1		
	Method		AM-3-10-3-3		
16)	Sample	97	Lab No.: P2014-3004-1 Blank		

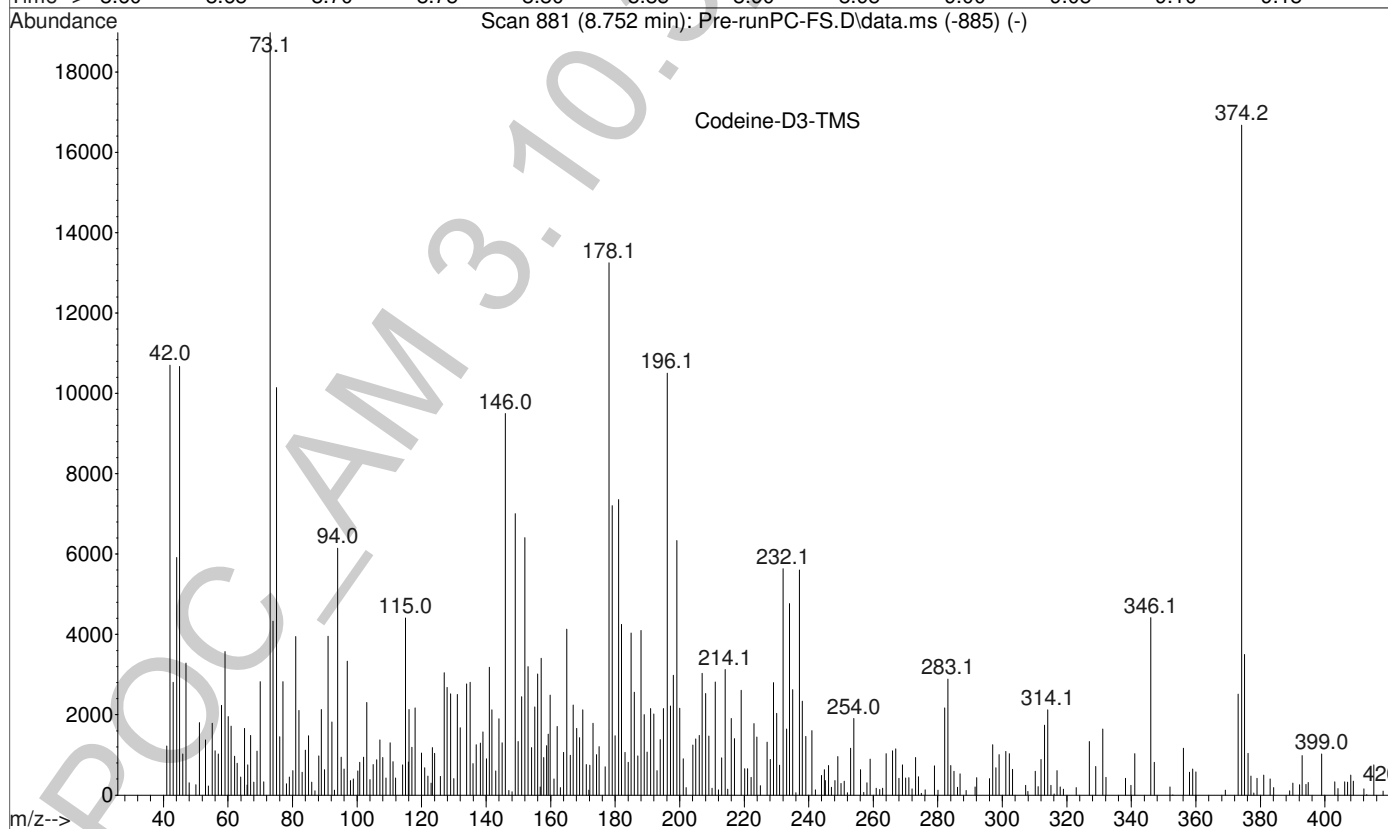
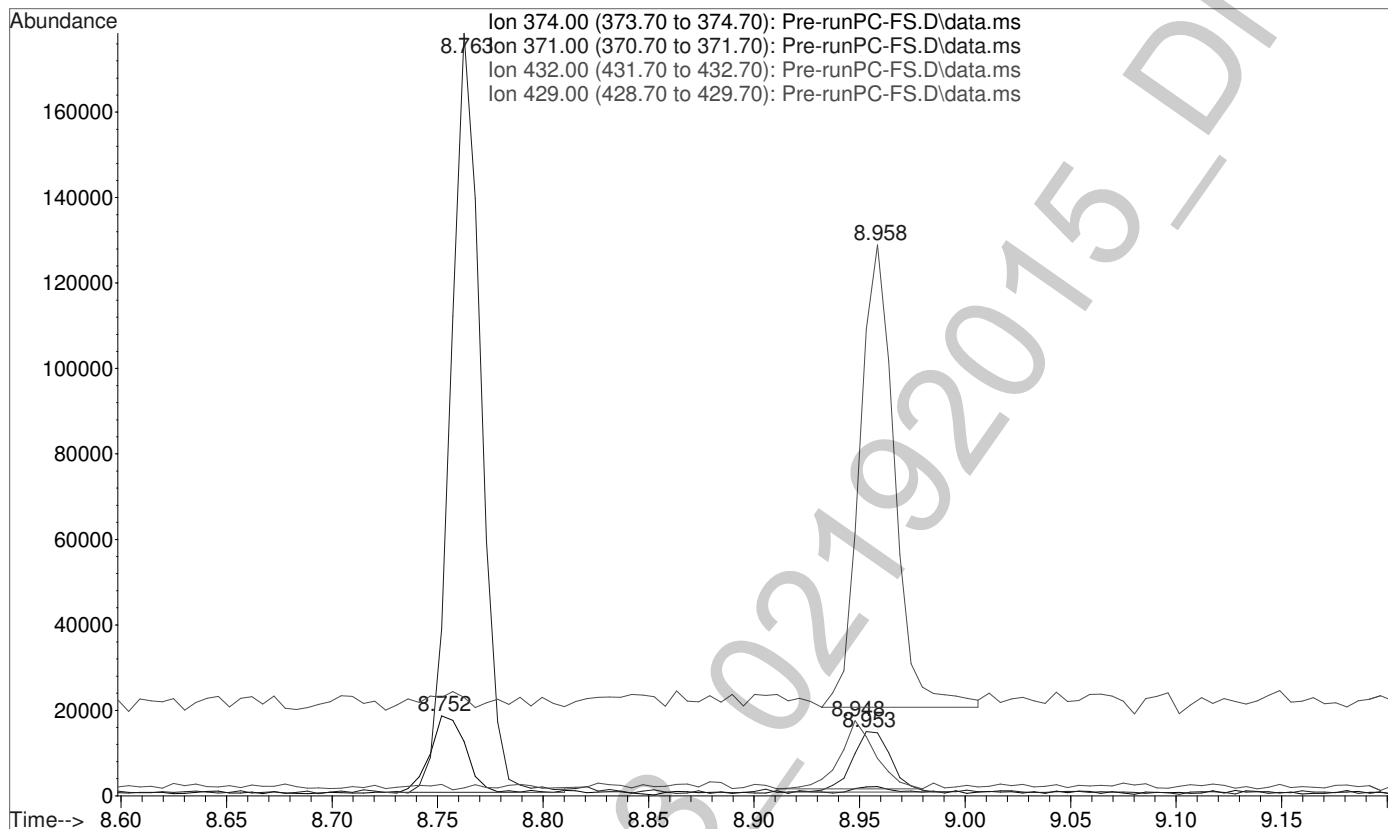
02/19/15

Datafile P2014-3004-1 BLK
Method AM3-10-3-FS
17) Sample 10 ✓ Lab No.: P2014-3004-1
Datafile P2014-3004-1
Method AM-3-10-3-3
18) Sample 10 ✓ Lab No.: P2014-3004-1
Datafile P2014-3004-1 FS
Method AM3-10-3-FS
19) Sample 96 ✓ Lab No.: P2015-0001-1 Blank
Datafile P2015-0001-1 BLK
Method AM3-10-3-FS
20) Sample 11 ✓ Lab No.: P2015-0001-1
Datafile P2015-0001-1
Method AM-3-10-3-3
21) Sample 11 ✓ Lab No.: P2015-0001-1
Datafile P2015-0001-1 FS
Method AM3-10-3-FS
22) Sample 95 ✓ Lab No.: P2015-0015-1 Blank
Datafile P2015-0015-1 BLK
Method AM3-10-3-FS
23) Sample 12 ✓ Lab No.: P2015-0015-1
Datafile P2015-0015-1
Method AM-3-10-3-3
24) Sample 12 ✓ Lab No.: P2015-0015-1
Datafile P2015-0015-1 FS
Method AM3-10-3-FS
25) Sample 94 ✓ Lab No.: P2015-0023-1 Blank
Datafile P2015-0023-1 BLK
Method AM3-10-3-FS
26) Sample 13 ✓ Lab No.: P2015-0023-1
Datafile P2015-0023-1
Method AM-3-10-3-3
27) Sample 13 ✓ Lab No.: P2015-0023-1
Datafile P2015-0023-1 FS
Method AM3-10-3-FS
28) Sample 93 ✓ Lab No.: P2015-0122-1 Blank
Datafile P2015-0122-1 BLK
Method AM3-10-3-FS
29) Sample 14 ✓ Lab No.: P2015-0122-1
Datafile P2015-0122-1
Method AM-3-10-3-3
30) Sample 14 ✓ Lab No.: P2015-0122-1
Datafile P2015-0122-1 FS
Method AM3-10-3-FS
31) Sample 92 ✓ Post-run Solvent Blank
Datafile Post-Blank
Method AM-3-10-3-3
Bytes Needed: 36751371 Space on drive C: 4.36503e+011
Sequence Verification Done!

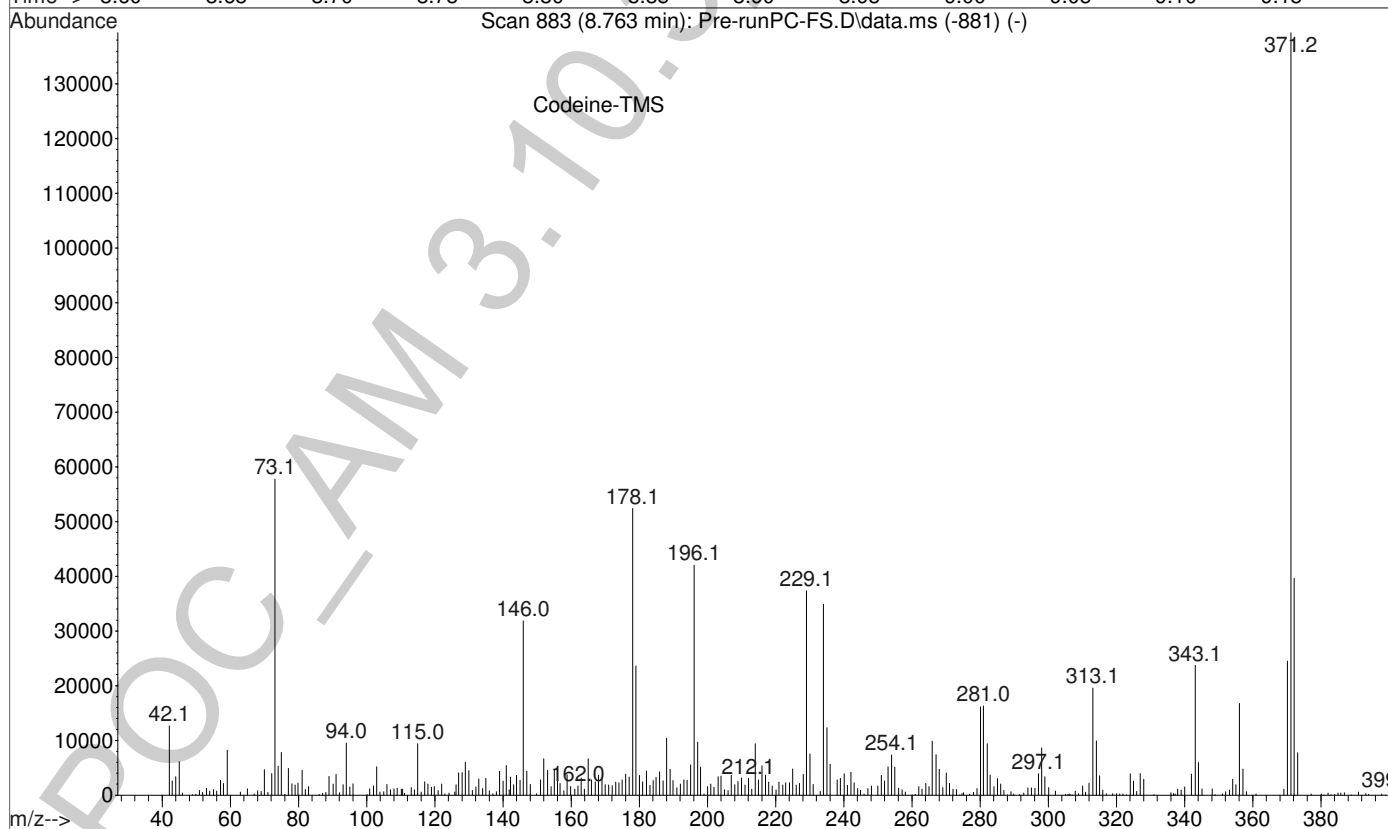
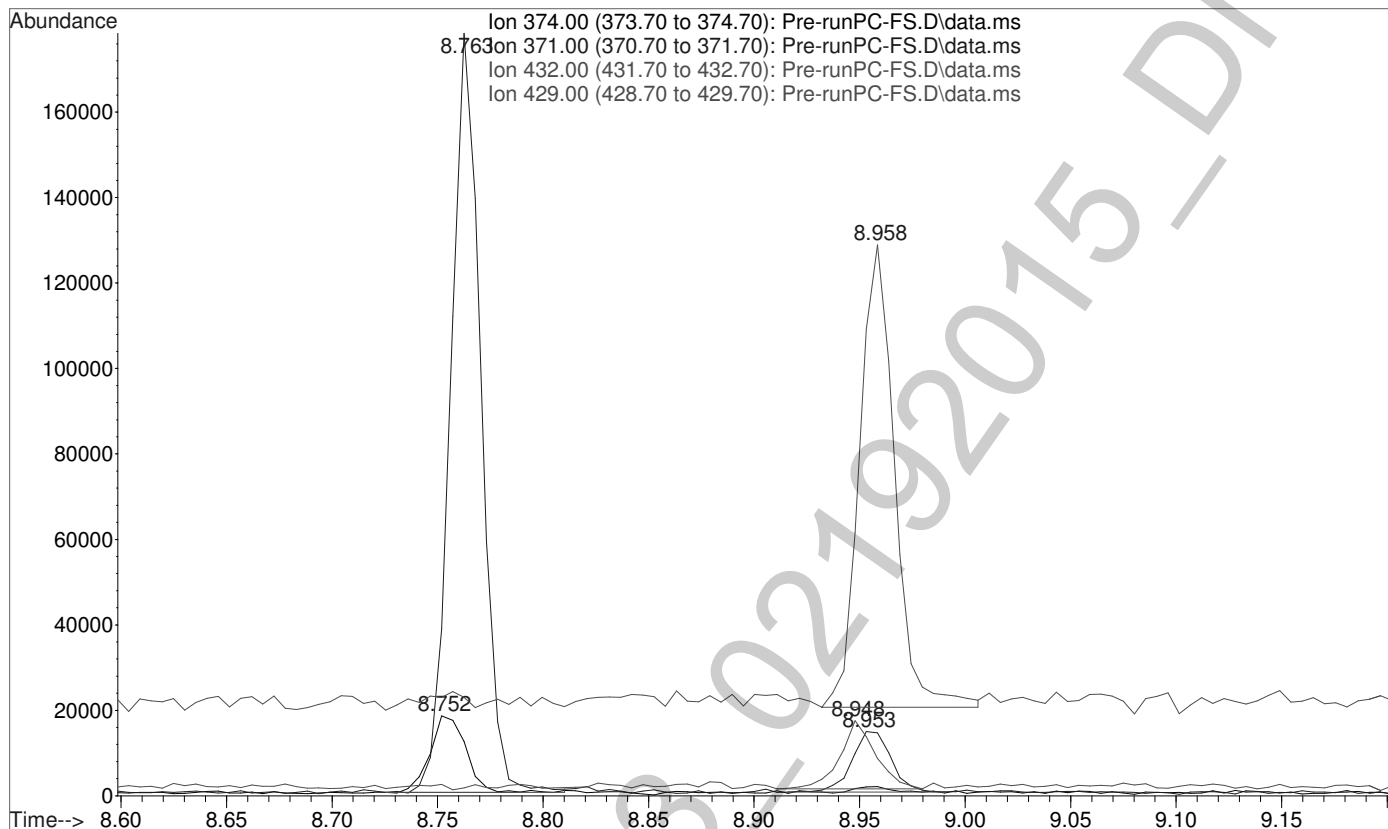
File :C:\gcms\1\data\Blood\021915OP\Pre-BlankSolventBlk.D
Operator : D Downey
Acquired : 19 Feb 2015 17:03 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: Pre-run Solvent Blank
Misc Info : CHCl3
Vial Number: 99



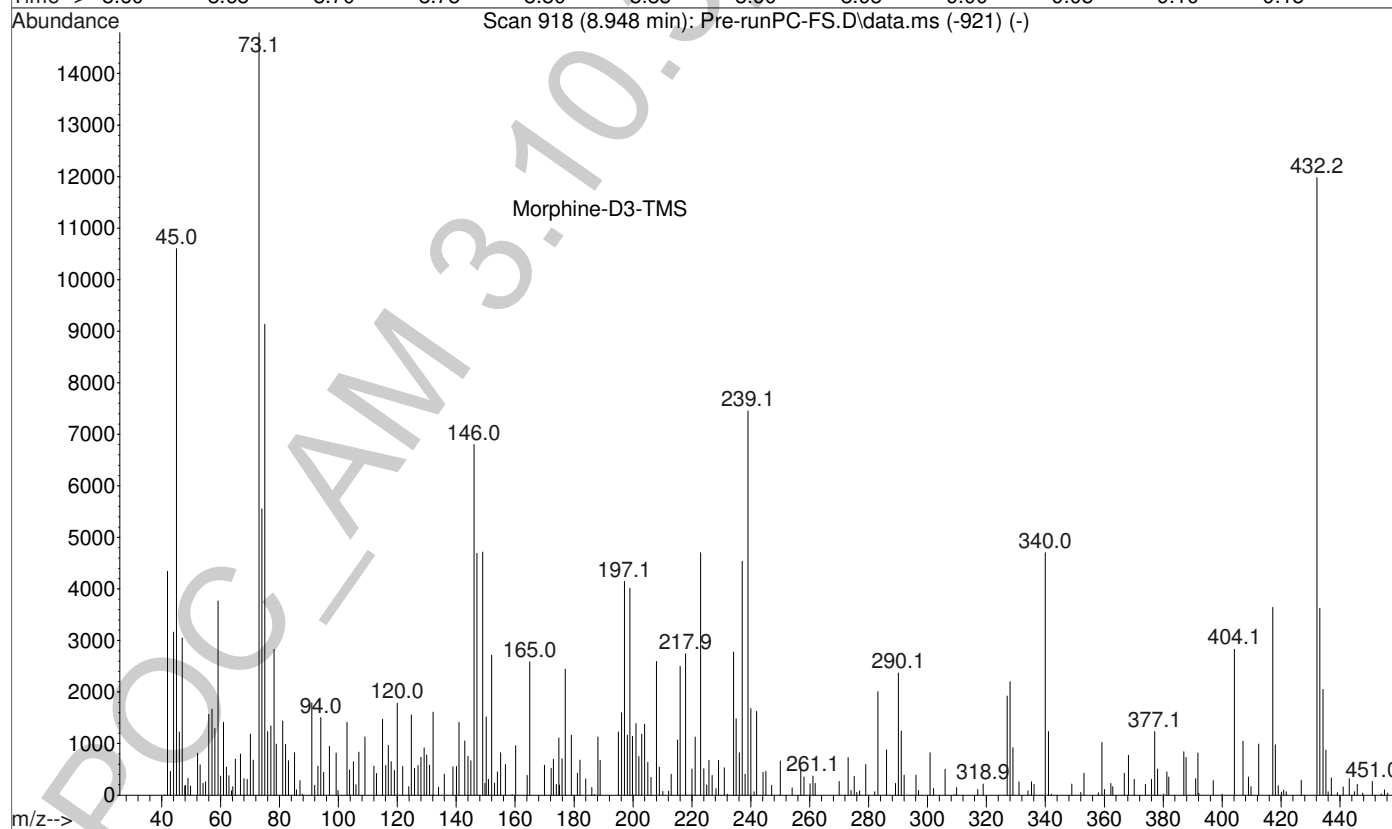
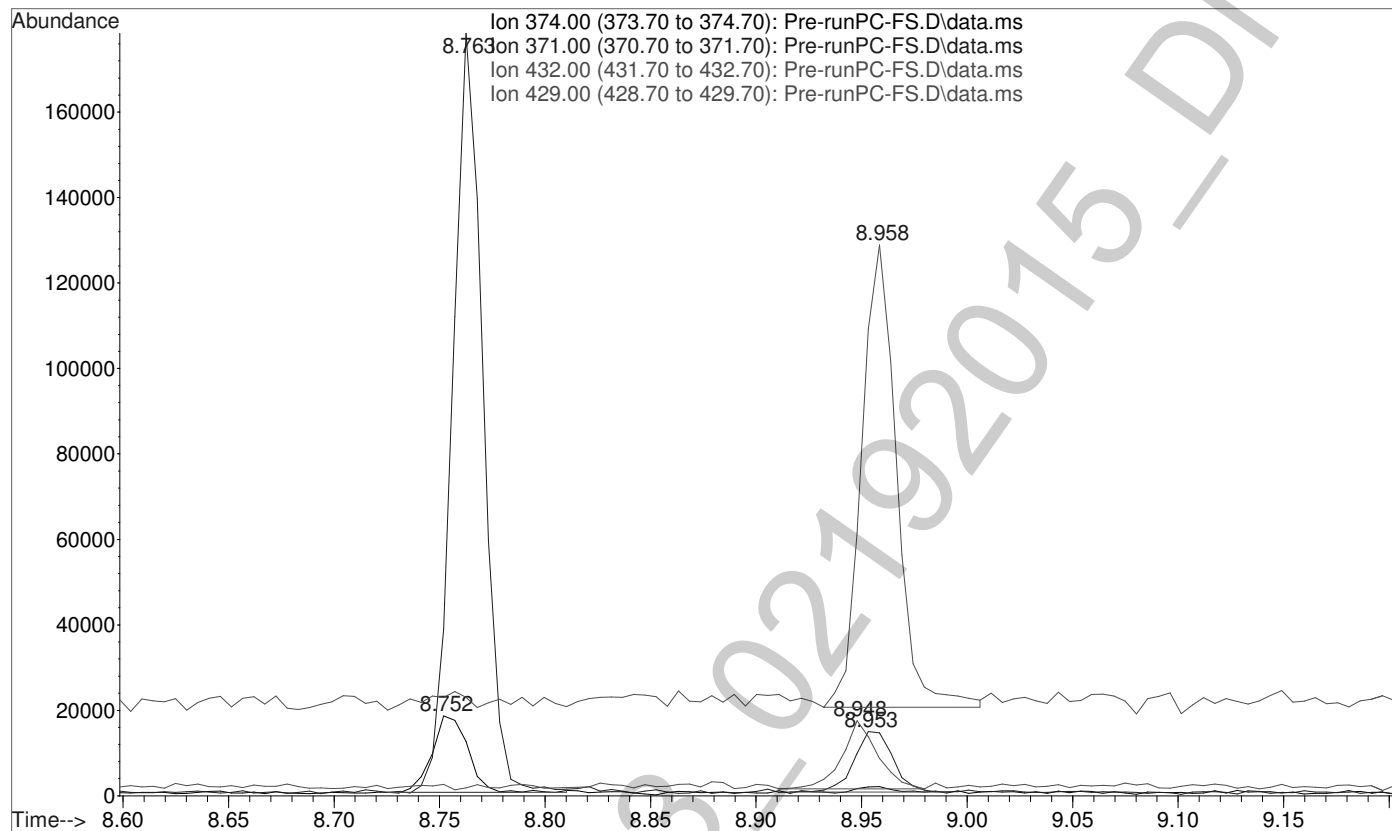
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Operator : D Downey
Acquired : 19 Feb 2015 16:26 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



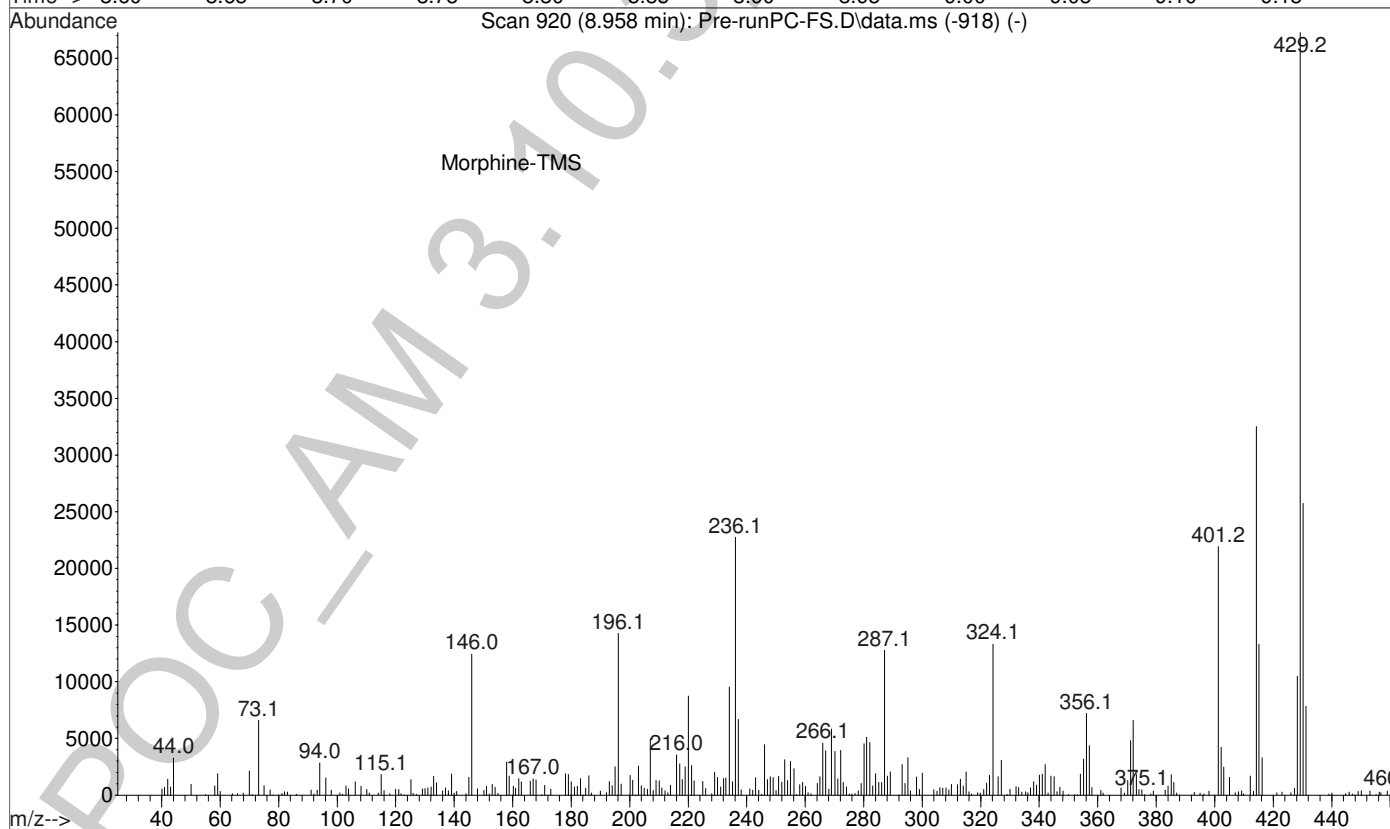
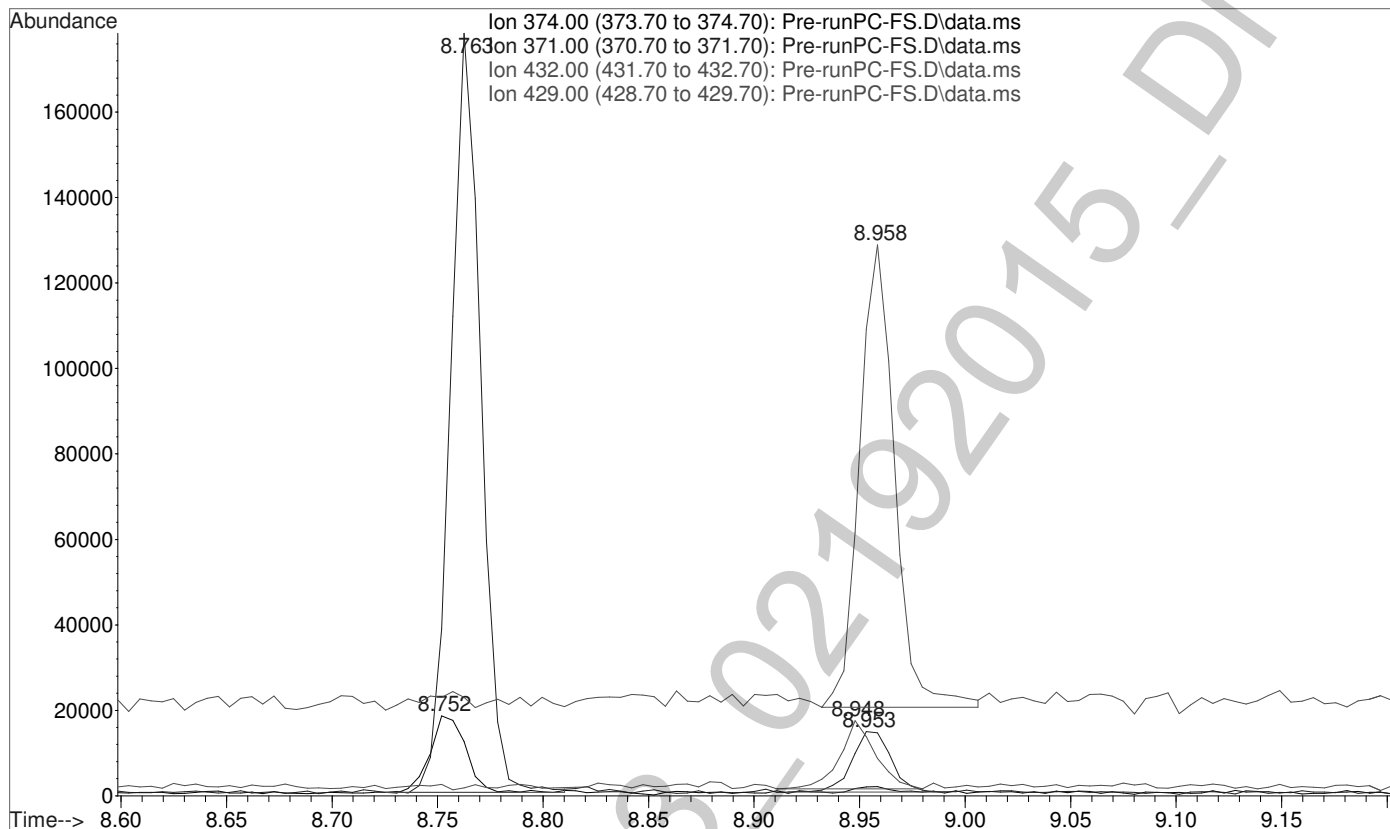
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Operator : D Downey
Acquired : 19 Feb 2015 16:26 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



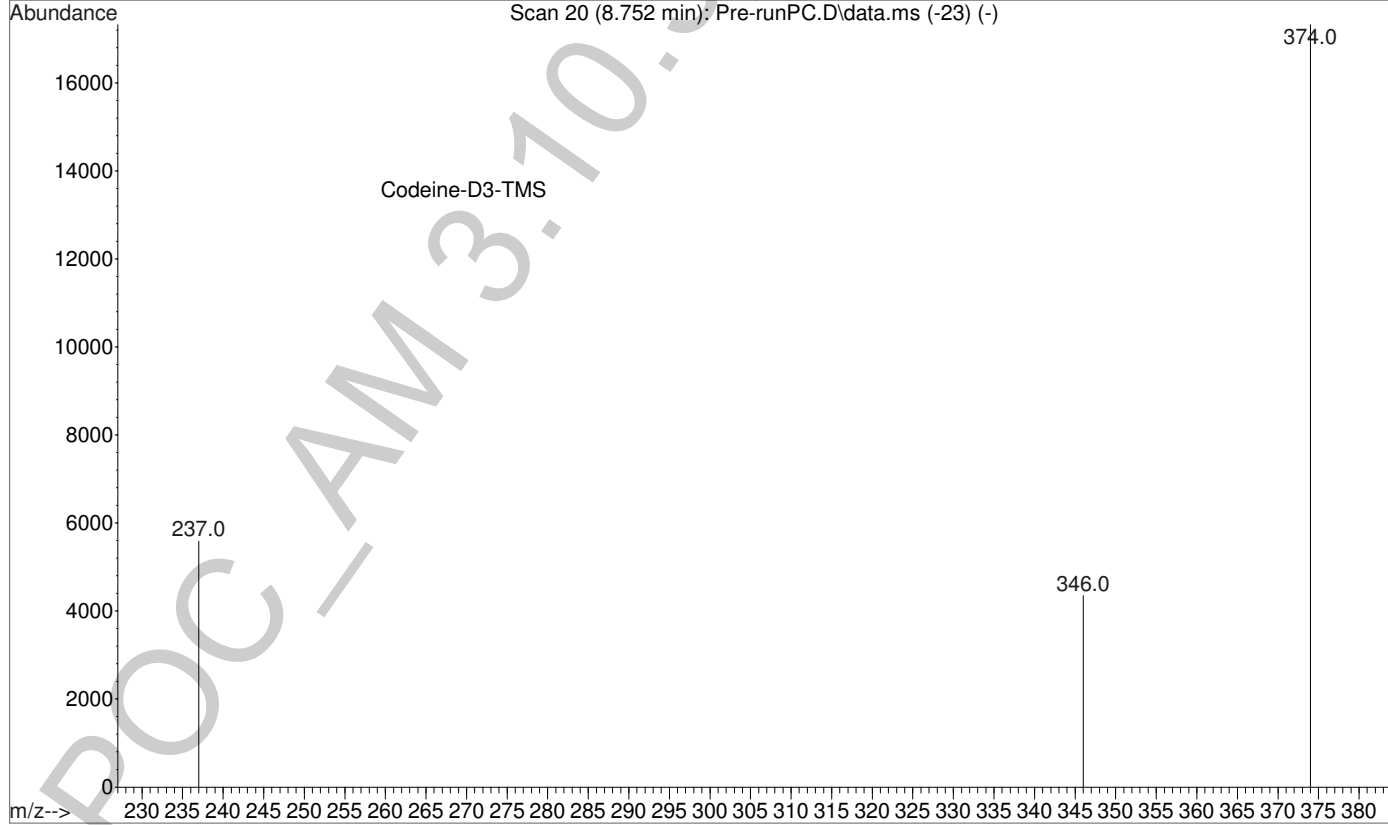
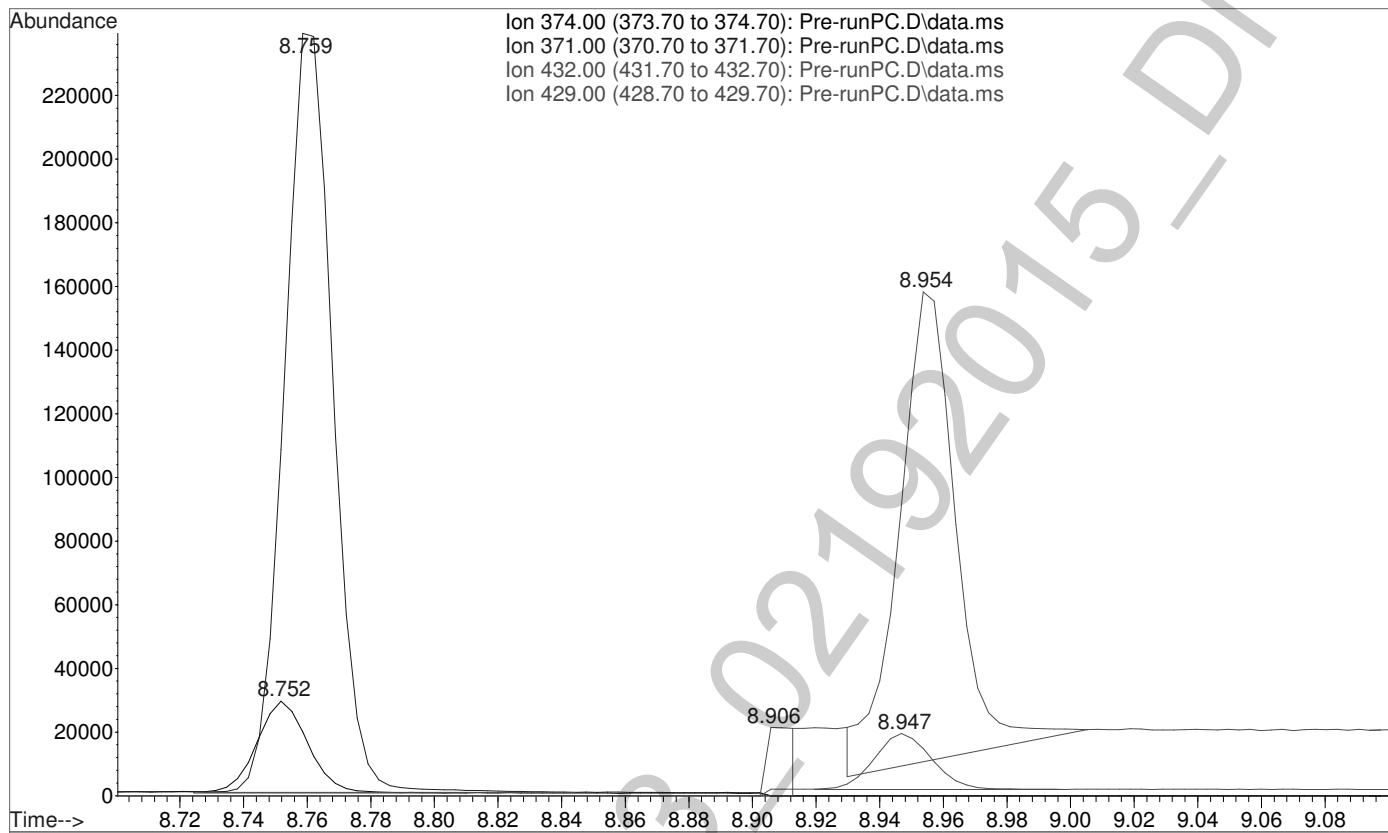
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Operator : D Downey
Acquired : 19 Feb 2015 16:26 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



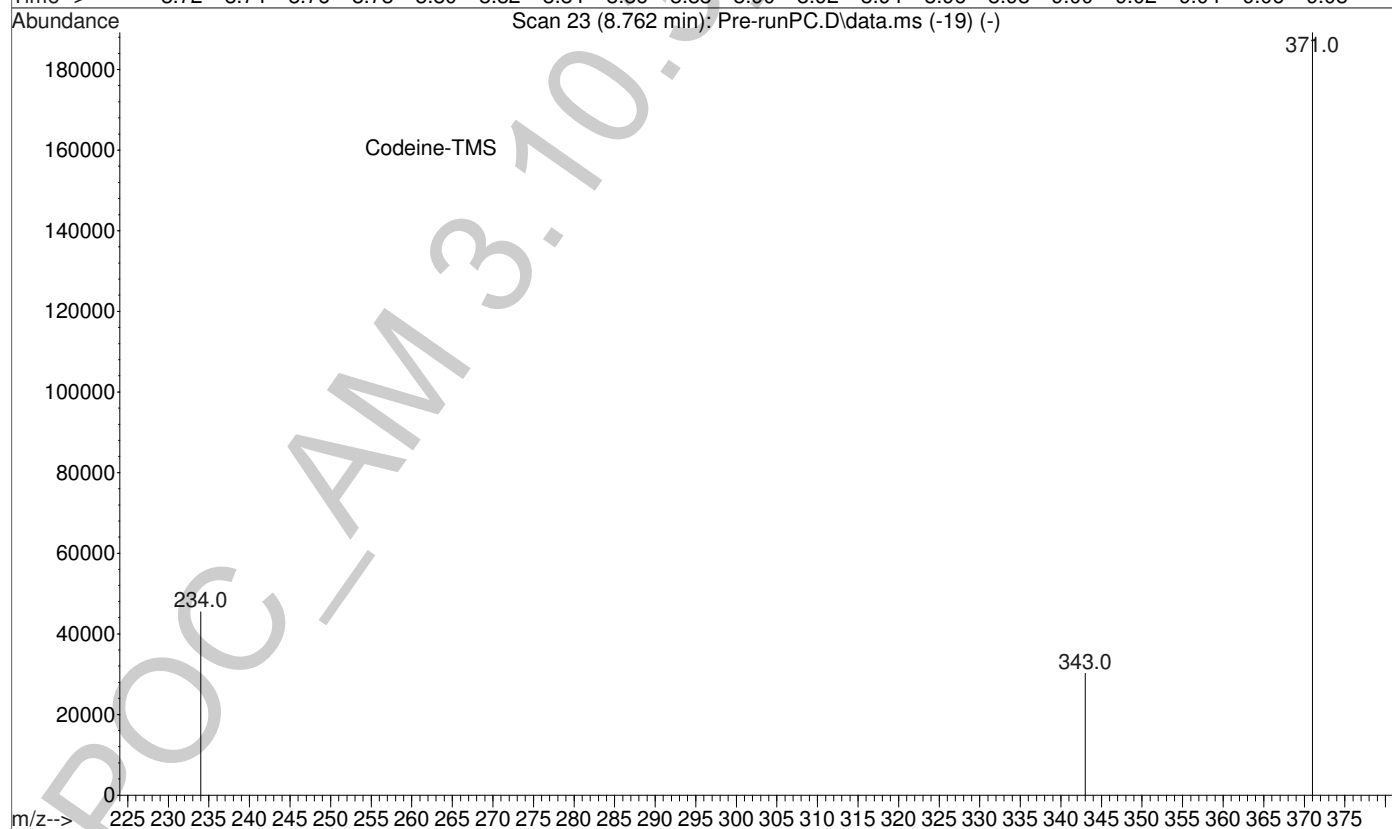
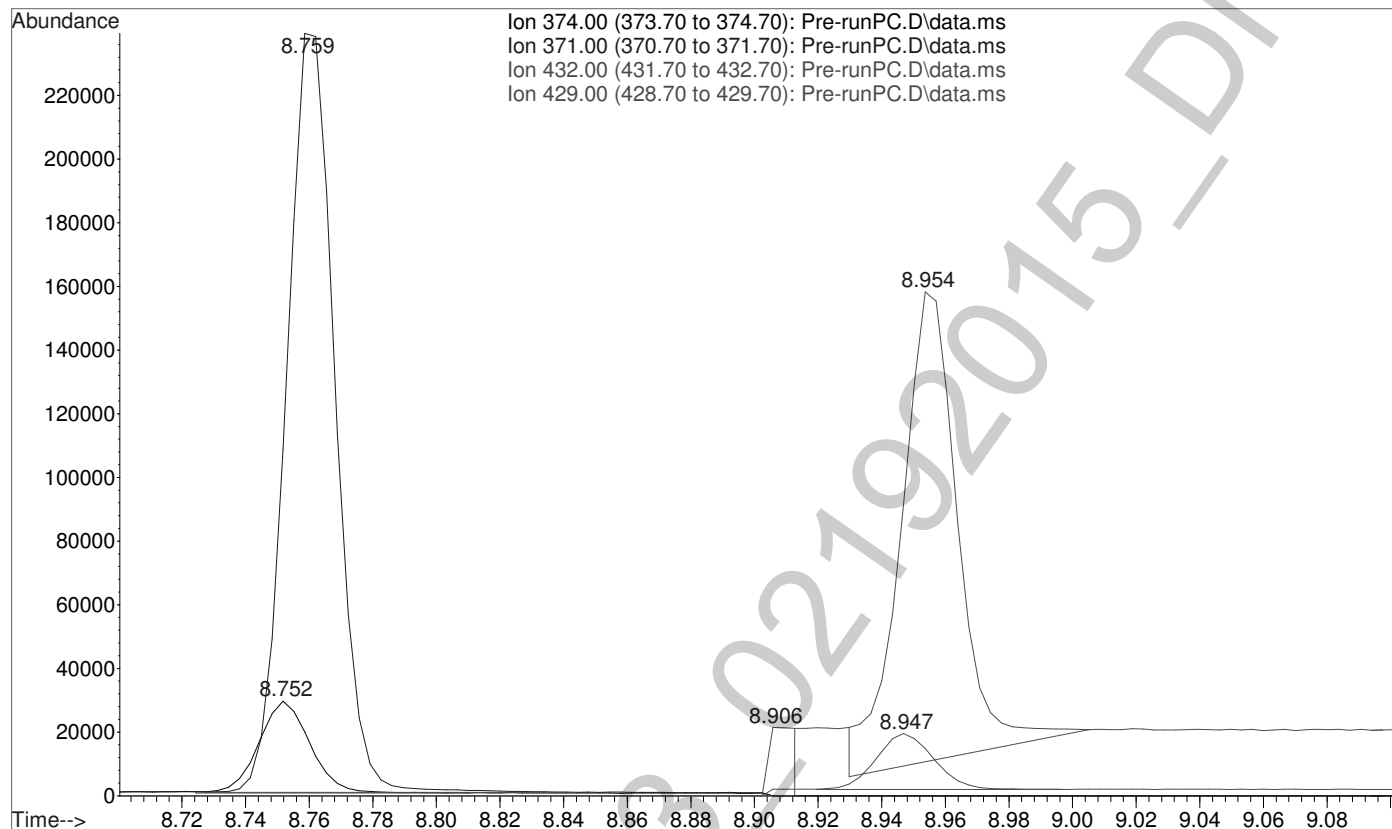
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Operator : D Downey
Acquired : 19 Feb 2015 16:26 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



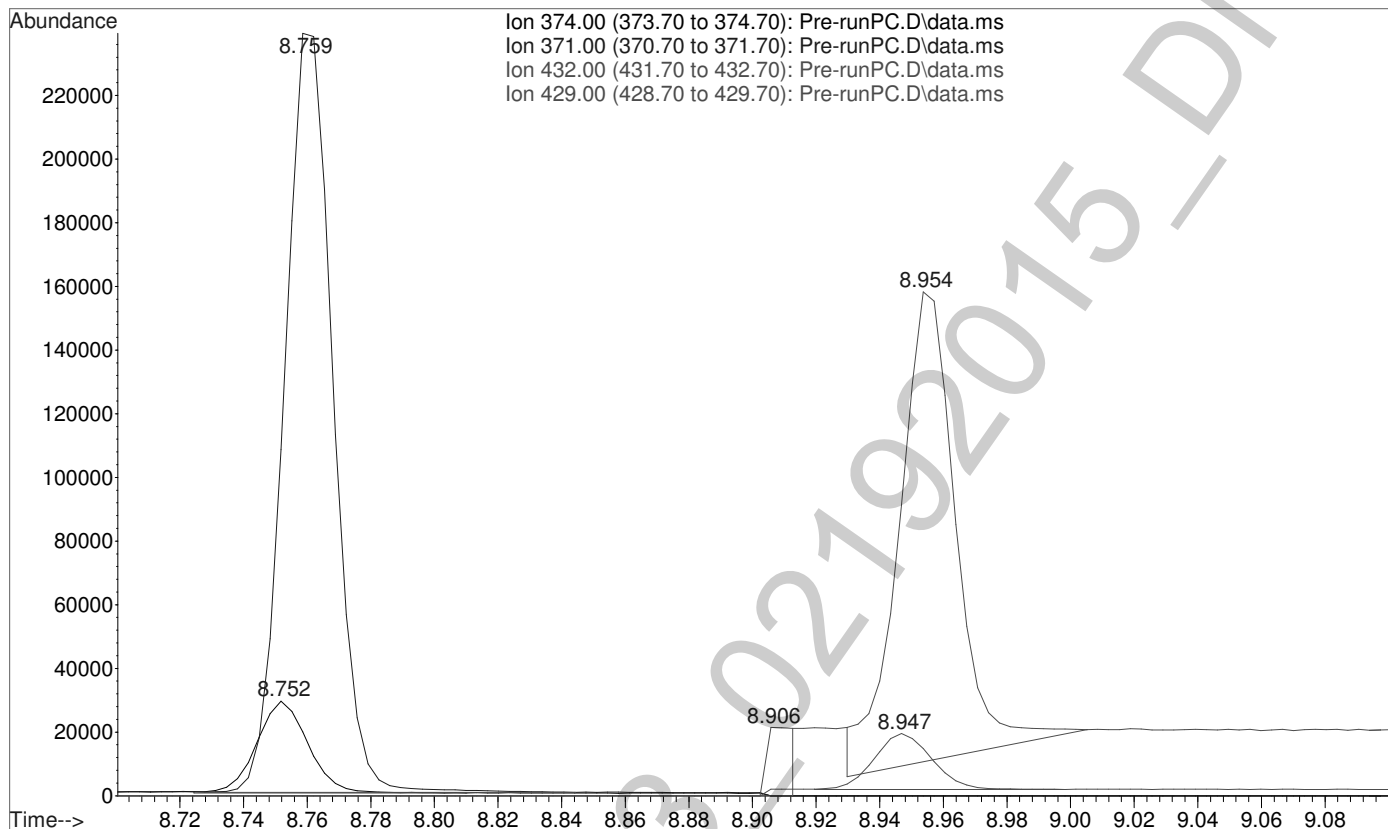
File :C:\gcms\1\data\Blood\021915OP\Pre-runPC.D
Operator : D Downey
Acquired : 19 Feb 2015 16:44 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



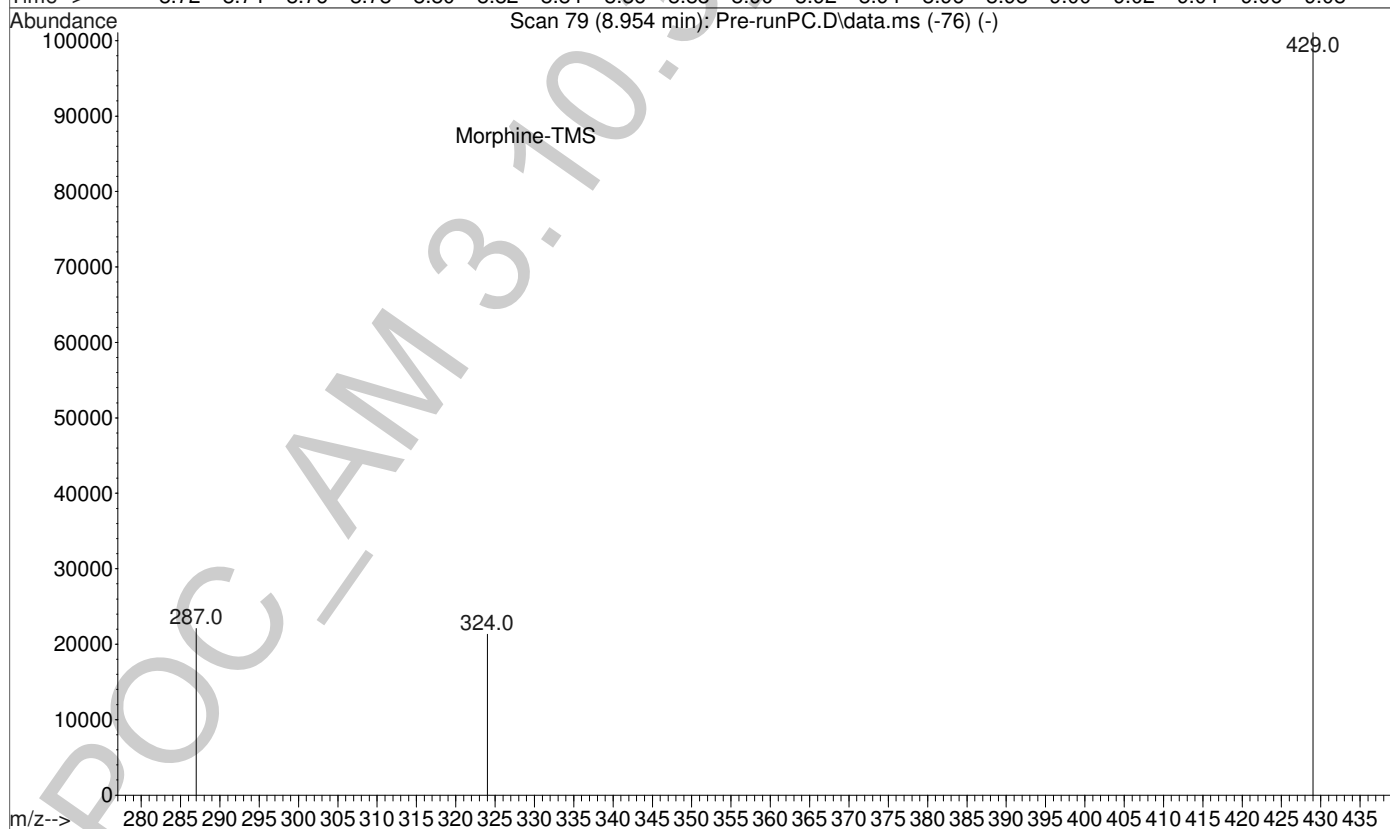
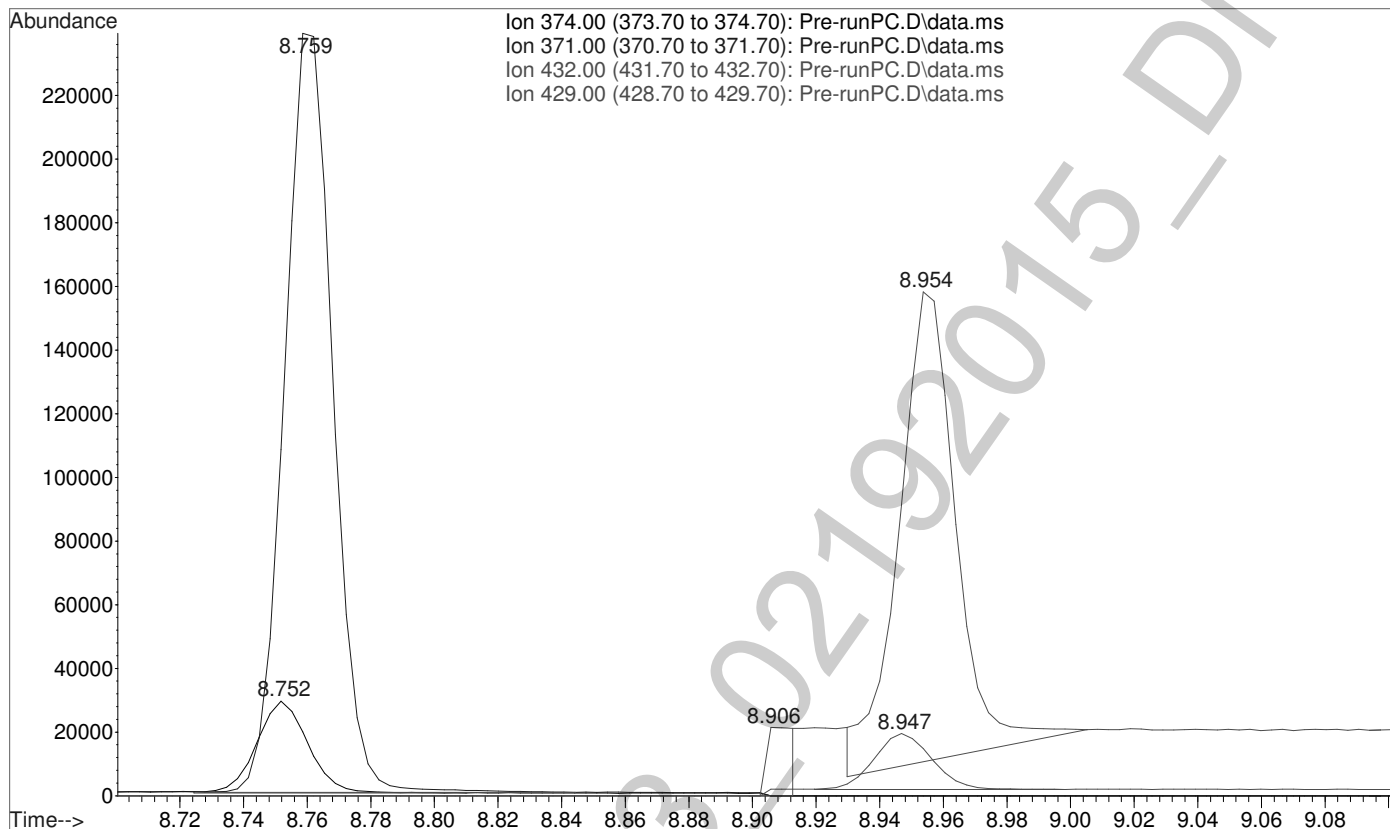
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Operator : D Downey
Acquired : 19 Feb 2015 16:44 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



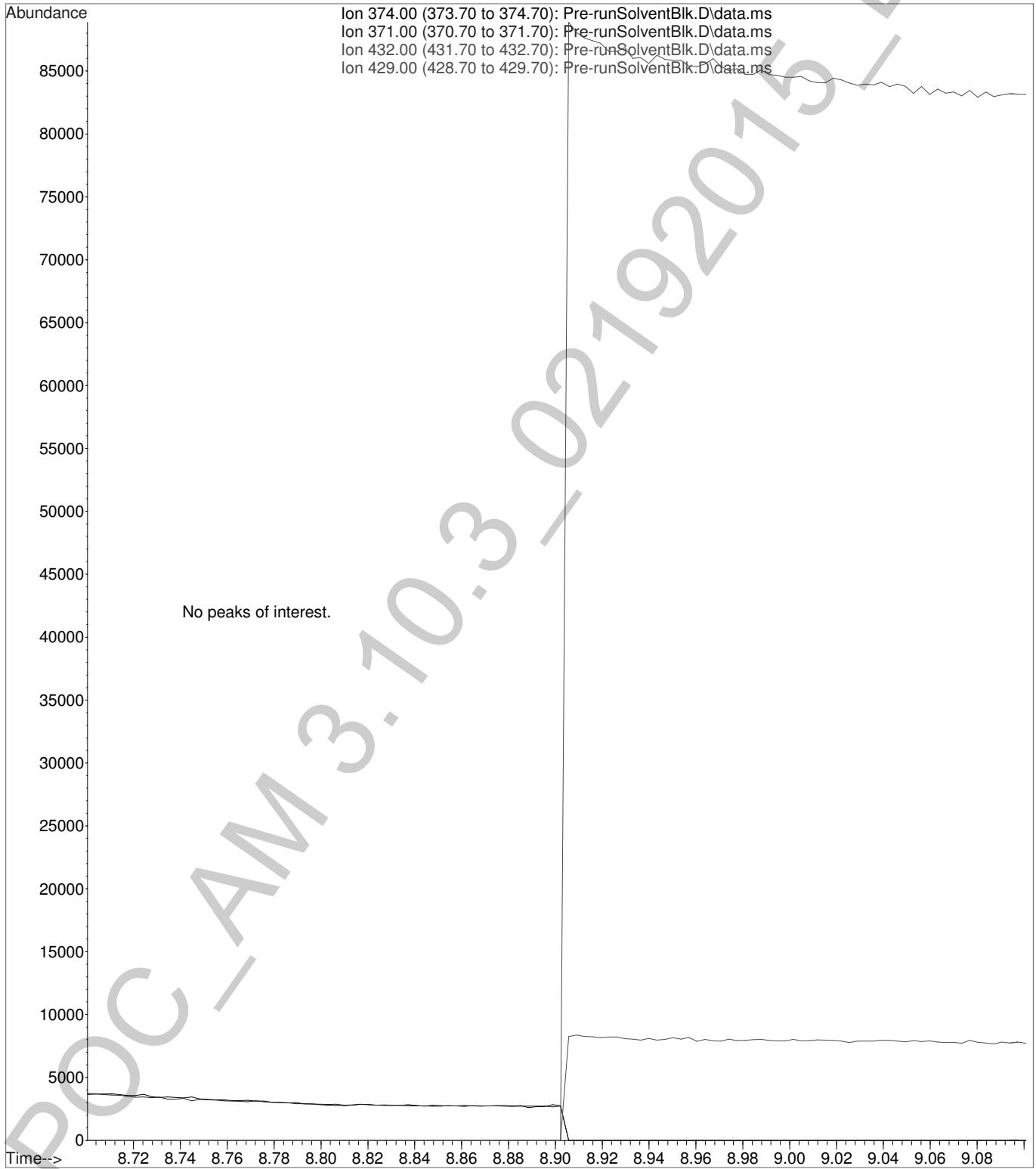
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Operator : D Downey
Acquired : 19 Feb 2015 16:44 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: 750ng/mL Positive Control
Misc Info : Analytical Method 3.10.3
Vial Number: 9



File :C:\gcms\1\data\Blood\021915OP\Pre-runPC.D
Operator : D Downey
Acquired : 19 Feb 2015 16:44 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\021915OP\Pre-runSolventBlk.D
Operator : D Downey
Acquired : 19 Feb 2015 16:07 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: Pre-run Solvent Blank
Misc Info : CHCl3
Vial Number: 100



Calibration data of Codeine-D3-TMS

LvLID	Amount (ratio)	Response (ratio)	Data File
1	100.0000	35319.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-1-25.D
2	100.0000	37329.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-2-50.D
3	100.0000	39289.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-3-100.D
4	100.0000	37002.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-4-250.D
5	100.0000	44541.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-5-500.D
6	100.0000	53790.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-6-1000.D



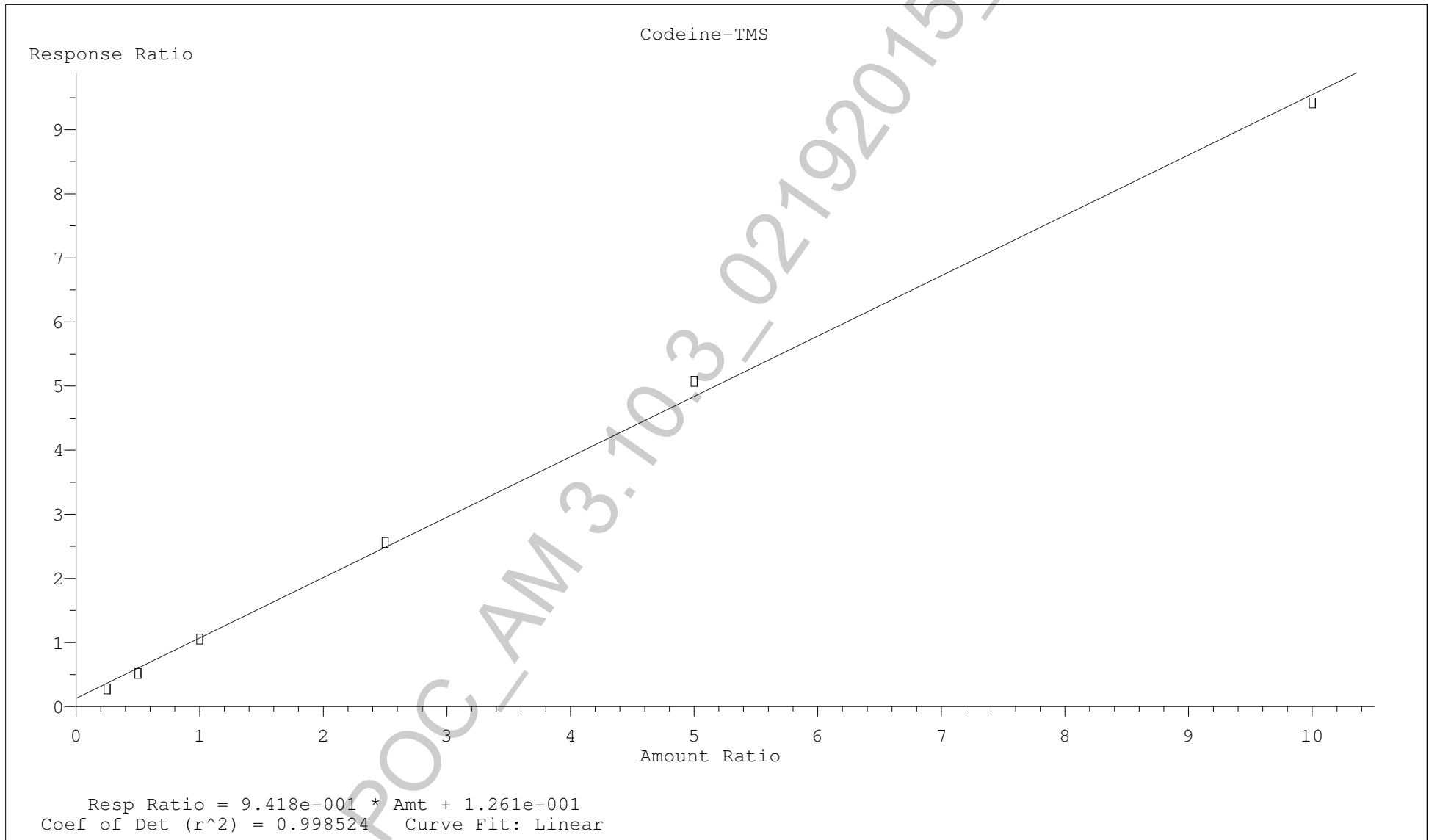
Internal Standard

POC_AM 3.10.3_02192015_POND

Calibration data of Codeine-TMS



LvLID	Amount (ratio)	Response (ratio)	bias (%)	Data File
1	0.2500	0.274158	-24.17	C:\gcms\1\data\Blood\021915OP\CalLevel-1-25.D
2	0.5000	0.517078	-13.38	C:\gcms\1\data\Blood\021915OP\CalLevel-2-50.D
3	1.0000	1.051007	-1.58	C:\gcms\1\data\Blood\021915OP\CalLevel-3-100.D
4	2.5000	2.558240	3.13	C:\gcms\1\data\Blood\021915OP\CalLevel-4-250.D
5	5.0000	5.071036	4.88	C:\gcms\1\data\Blood\021915OP\CalLevel-5-500.D
6	10.0000	9.414482	-1.36	C:\gcms\1\data\Blood\021915OP\CalLevel-6-1000.D



Calibration data of Morphine-D3-TMS

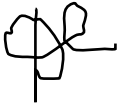
LvLID	Amount (ratio)	Response (ratio)	Data File
1	100.0000	28079.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-1-25.D
2	100.0000	30676.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-2-50.D
3	100.0000	30171.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-3-100.D
4	100.0000	28295.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-4-250.D
5	100.0000	34436.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-5-500.D
6	100.0000	44289.000000	C:\gcms\1\data\Blood\021915OP\CalLevel-6-1000.D

Internal Standard

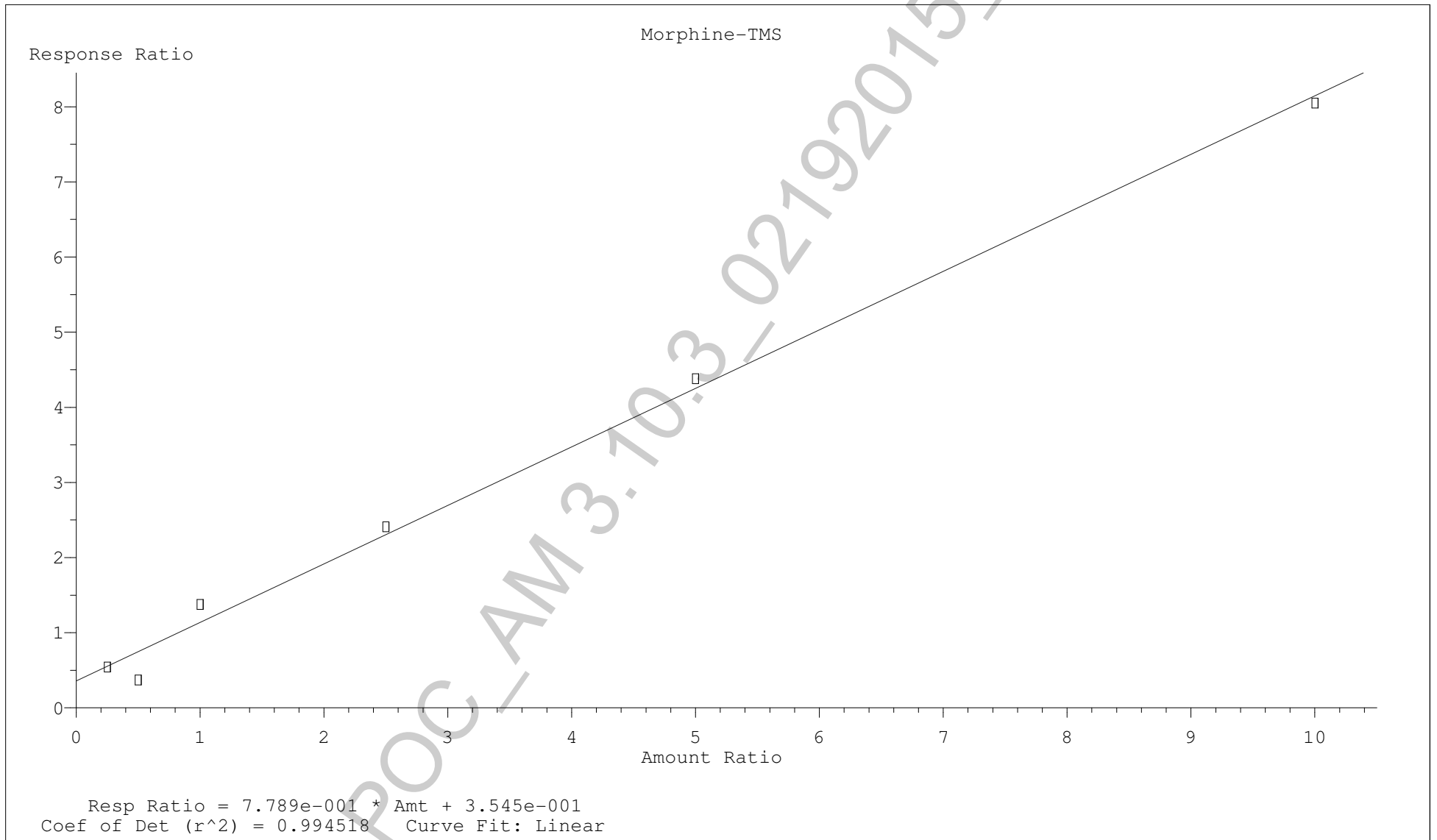


POC_AM 3.10.3_02192015_QIND

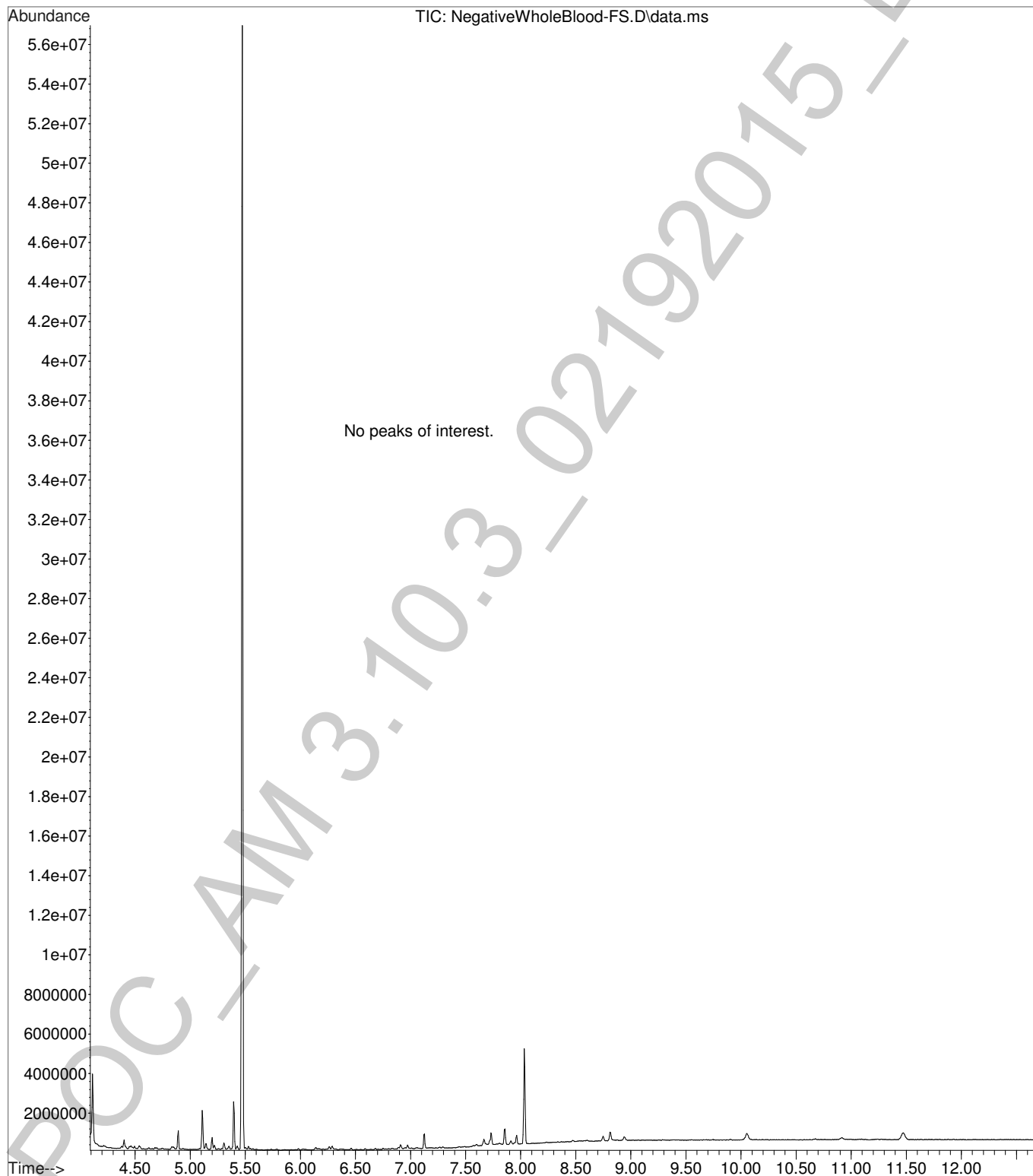
Calibration data of Morphine-TMS



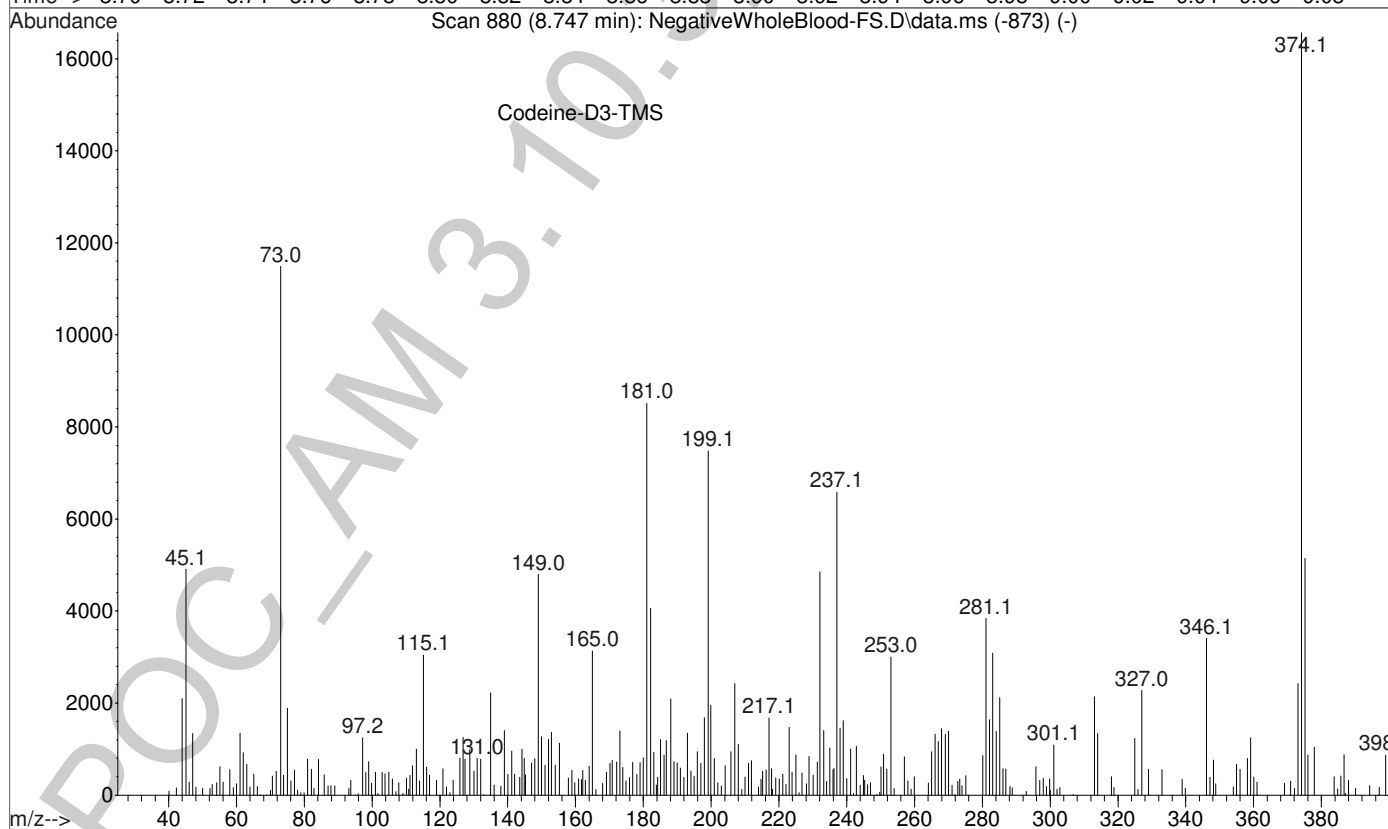
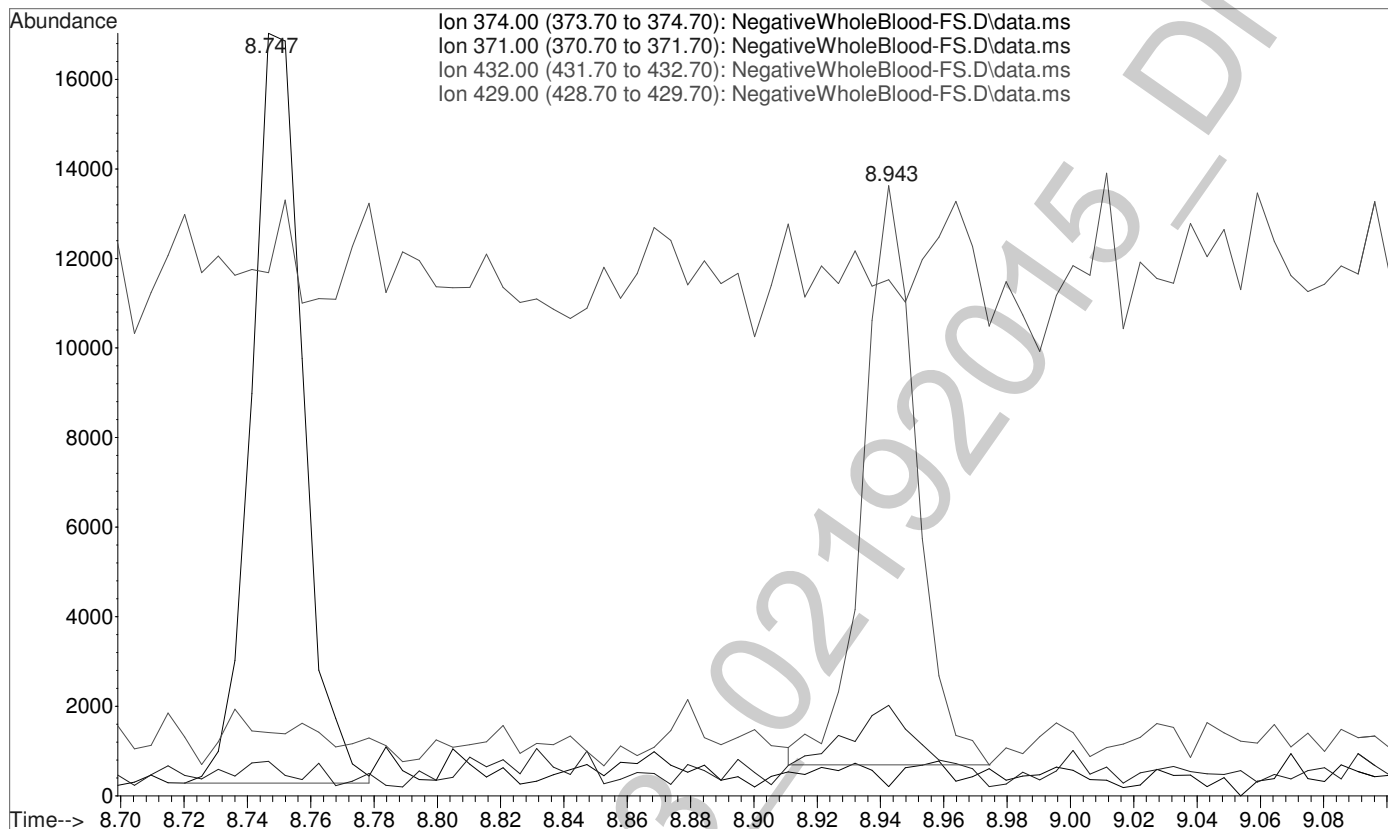
LvLID	Amount (ratio)	Response (ratio)	bias (%)	Data File
1	0.2500	0.541294	-1.45	C:\gcms\1\data\Blood\021915OP\CalLevel-1-25.D
2	0.5000	0.369735	-50.30	C:\gcms\1\data\Blood\021915OP\CalLevel-2-50.D
3	1.0000	1.375493	21.36	C:\gcms\1\data\Blood\021915OP\CalLevel-3-100.D
4	2.5000	2.408235	4.62	C:\gcms\1\data\Blood\021915OP\CalLevel-4-250.D
5	5.0000	4.380329	3.09	C:\gcms\1\data\Blood\021915OP\CalLevel-5-500.D
6	10.0000	8.046129	-1.20	C:\gcms\1\data\Blood\021915OP\CalLevel-6-1000.D



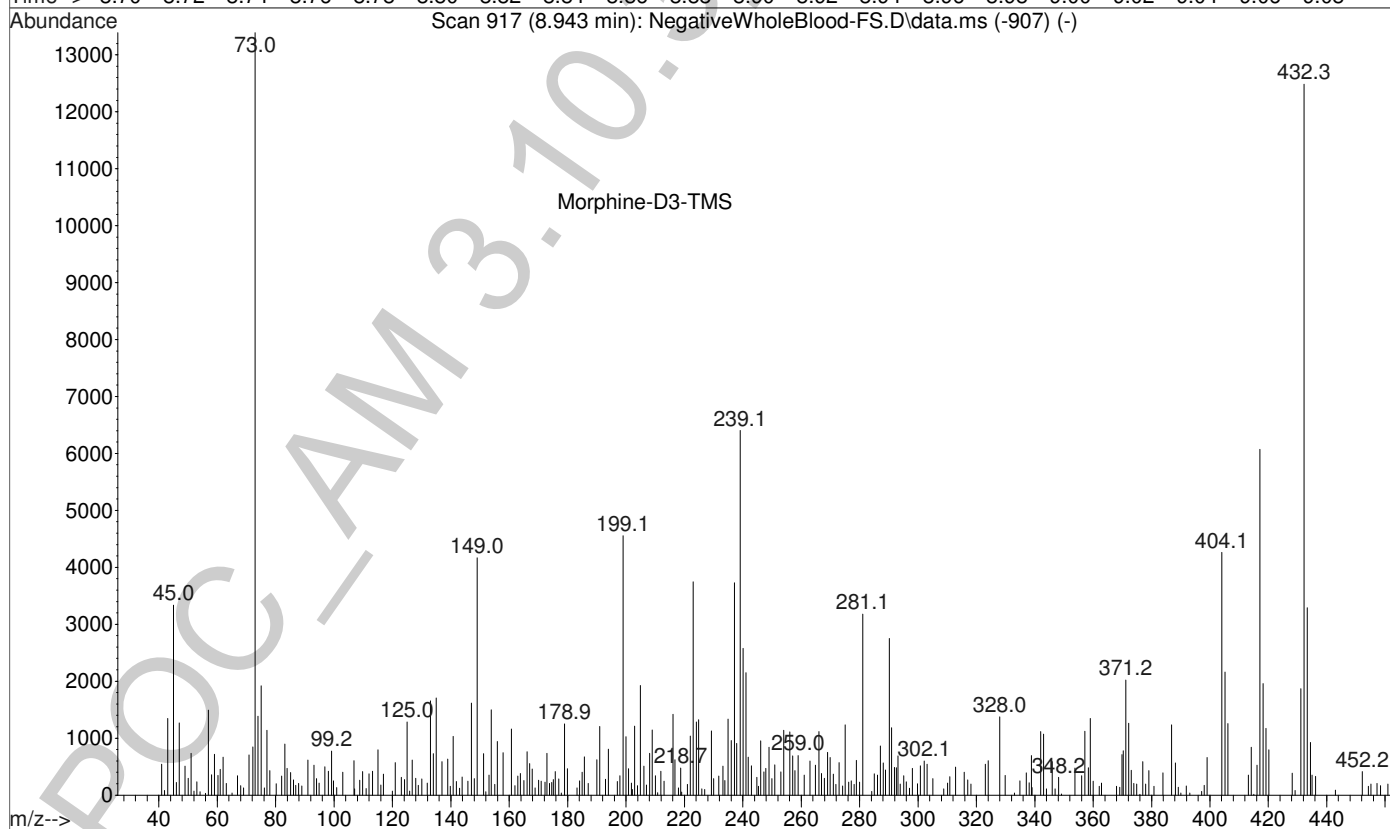
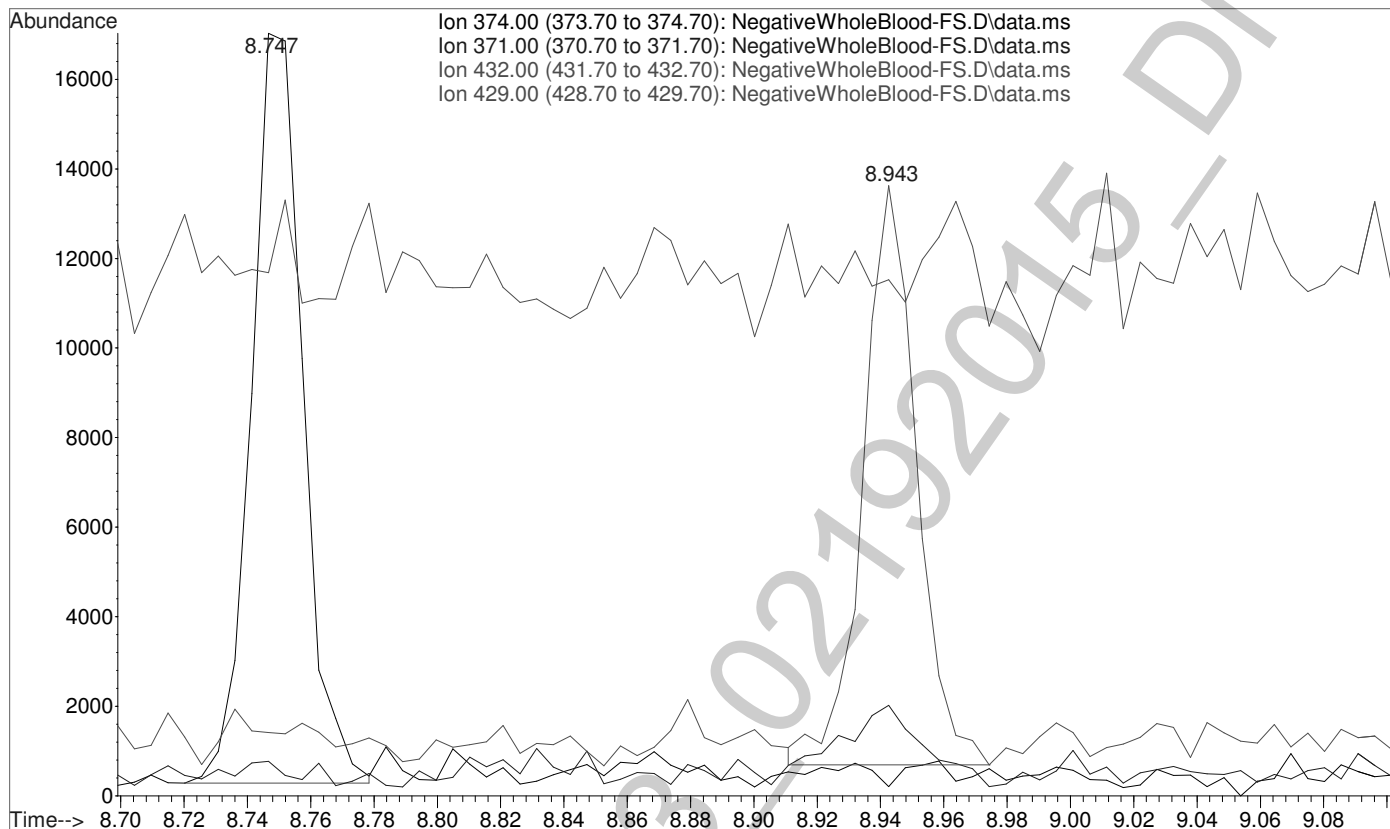
File :C:\gcms\1\data\Blood\021915OP\NegativeWholeBlood-FS.D
Operator : D Downey
Acquired : 19 Feb 2015 17:40 using AcqMethod AM3-10-3-FS.M
Instrument : Probie
Sample Name: Negative Whole Blood Utak Lot B0130
Misc Info : Analytical Method 3.10.3
Vial Number: 1



File :C:\gcms\1\data\Blood\021915OP\NegativeWholeBlood-FS.D
Operator : D Downey
Acquired : 19 Feb 2015 17:40 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\021915OP\NegativeWholeBlood-FS.D
Operator : D Downey
Acquired : 19 Feb 2015 17:40 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\021915OP\
 Data File : NegativeWholeBlood.D
 Acq On : 19 Feb 2015 17:22
 Operator : D Downey
 Sample : Negative Whole Blood Utak Lot B0130
 Misc : Analytical Method 3.10.3
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 20 10:49:55 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 Feb 20 10:37:18 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.748	374	35041	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.944	432	29592	100.00	ng/mL * #	0.00
Target Compounds						
2) Codeine-TMS	0.000		0	N.D.		Qvalue
4) Morphine-TMS	8.909	429	36500	112.84	ng/mL# *	56

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

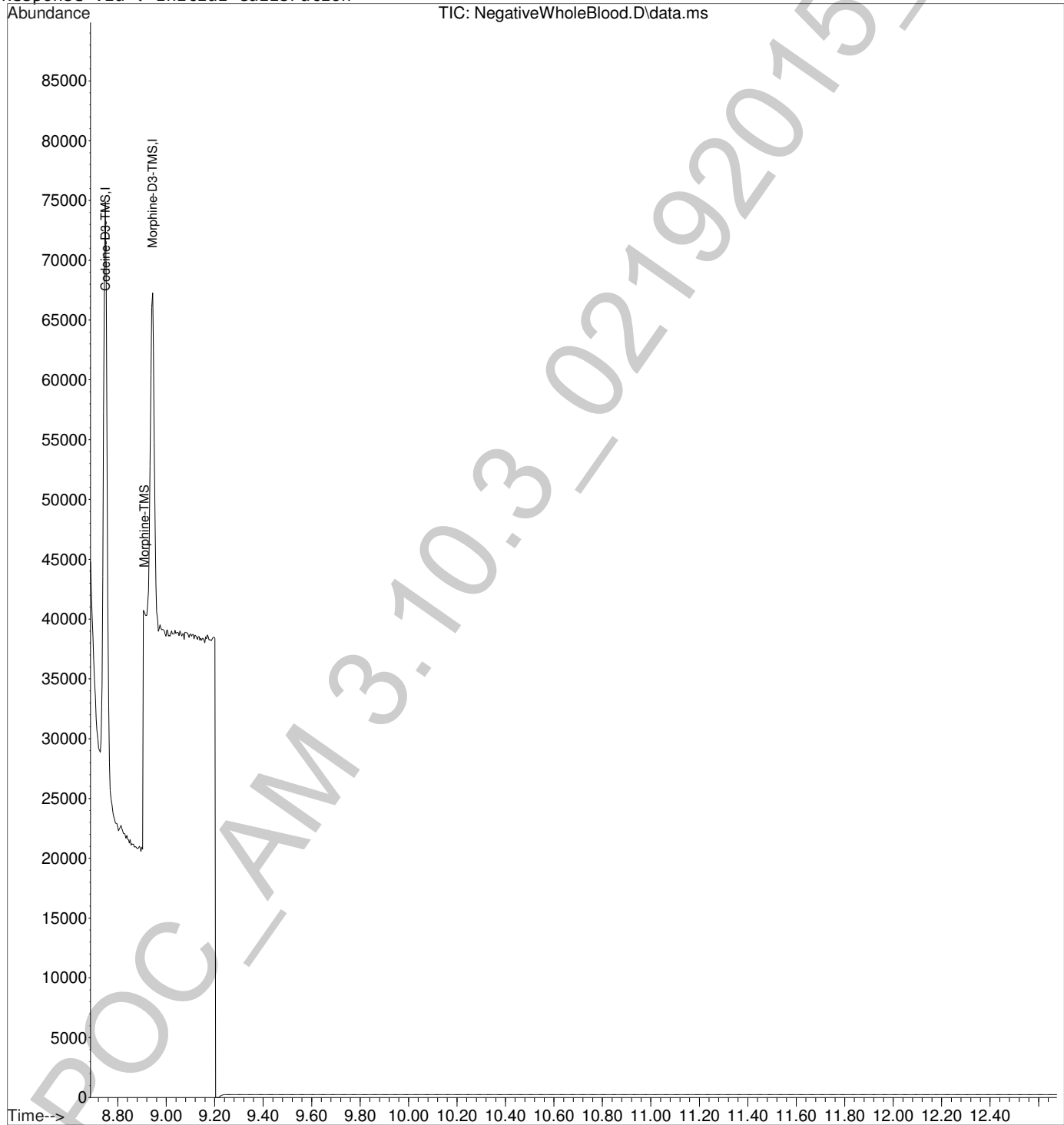
*Not possible to manually integrate - no morphine detected. See full scan spectra for ISTDs.

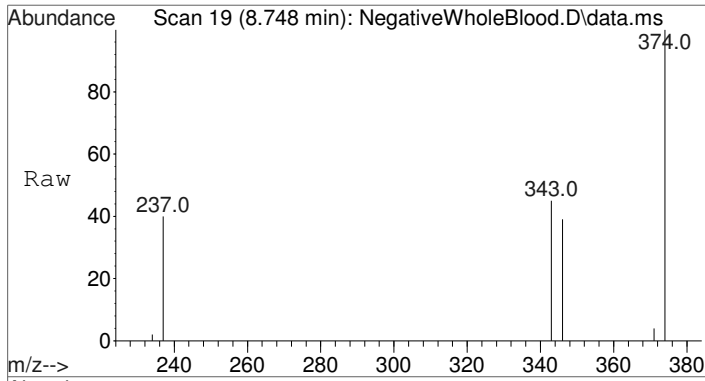
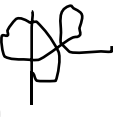
Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : NegativeWholeBlood.D
Acq On : 19 Feb 2015 17:22
Operator : D Downey
Sample : Negative Whole Blood Utak Lot B0130
Misc : Analytical Method 3.10.3
ALS Vial : 1 Sample Multiplier: 1



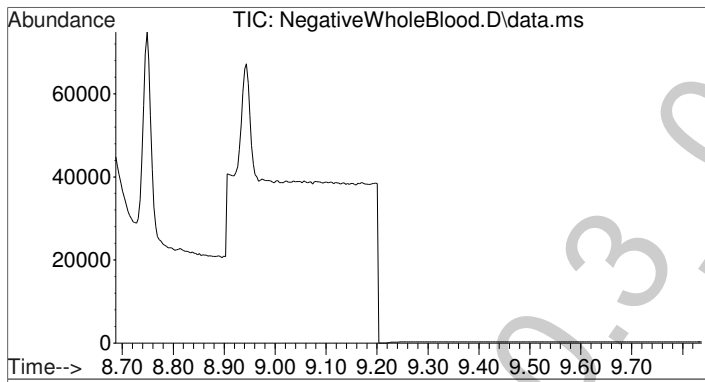
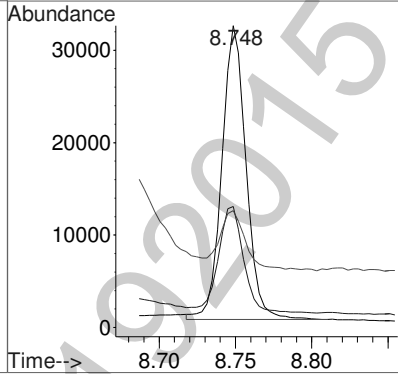
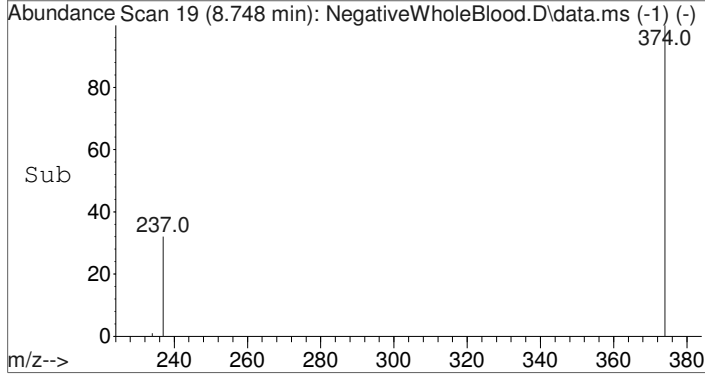
Quant Time: Feb 20 10:49:55 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:37:18 2015
Response via : Initial Calibration





#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.748 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: NegativeWholeBlood.D
 Acq: 19 Feb 2015 17:22

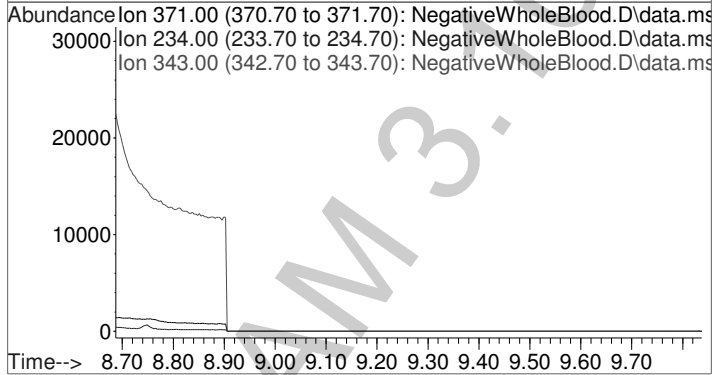
Tgt Ion	Resp	Lower	Upper
374	35041		
374	100		
237	37.7	35.3	52.9
346	22.3	16.6	24.8

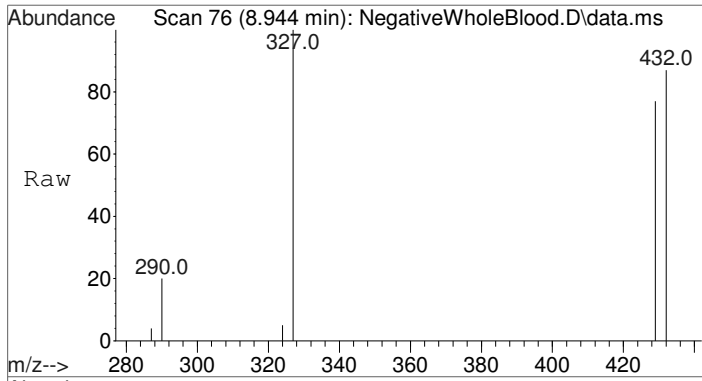


#2
 Codeine-TMS
 Concen: N.D.
 Expected RT: 8.76 min

Lab File: NegativeWholeBlood.D
 Acq: 19 Feb 2015 17:22

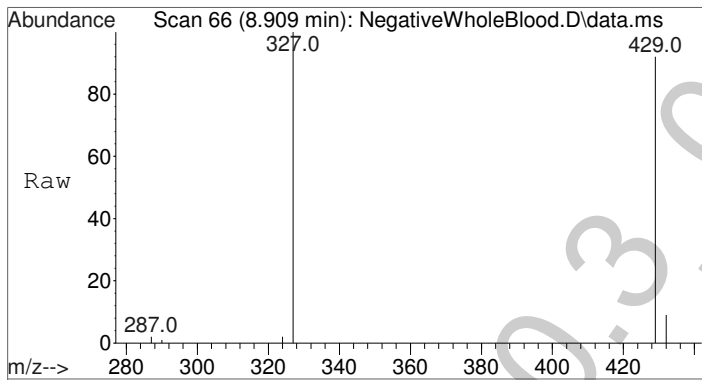
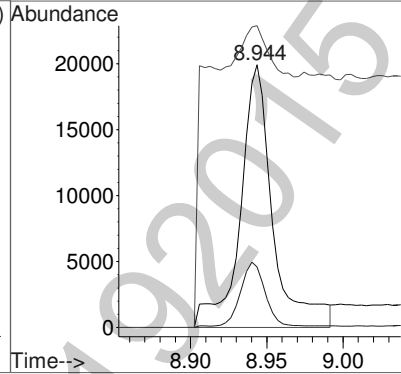
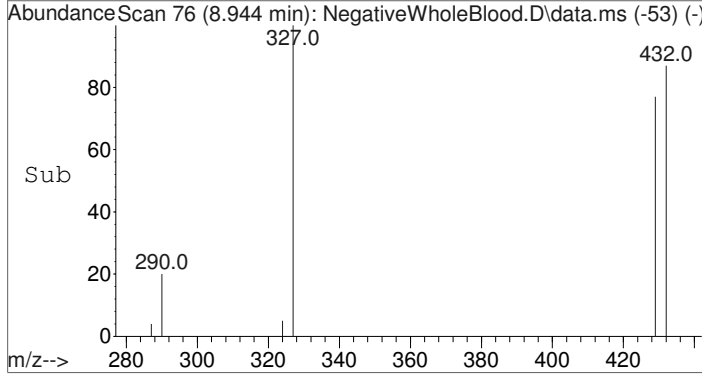
Tgt Ion	Sig	Exp Ratio
371		100
234		34.8
343		22.3





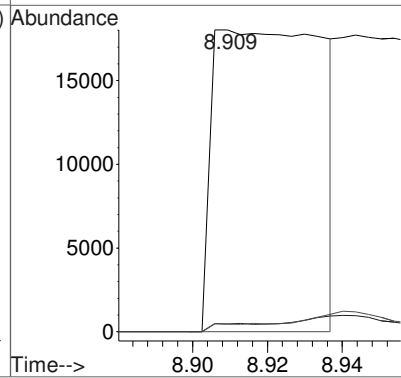
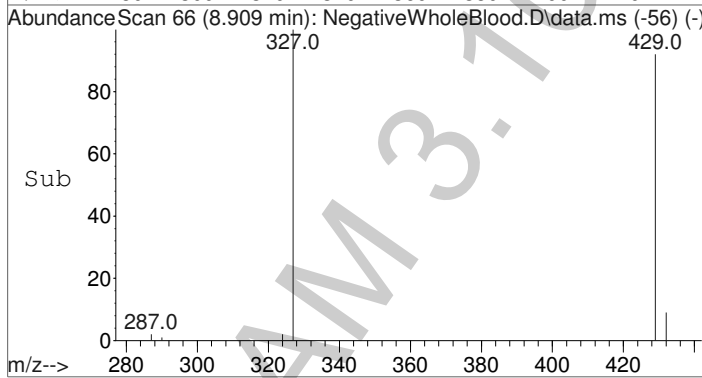
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.944 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: NegativeWholeBlood.D
 Acq: 19 Feb 2015 17:22

Tgt Ion	Resp	Lower	Upper
432	100		
290	20.2	17.8	26.6
327	68.3	35.0	52.4#

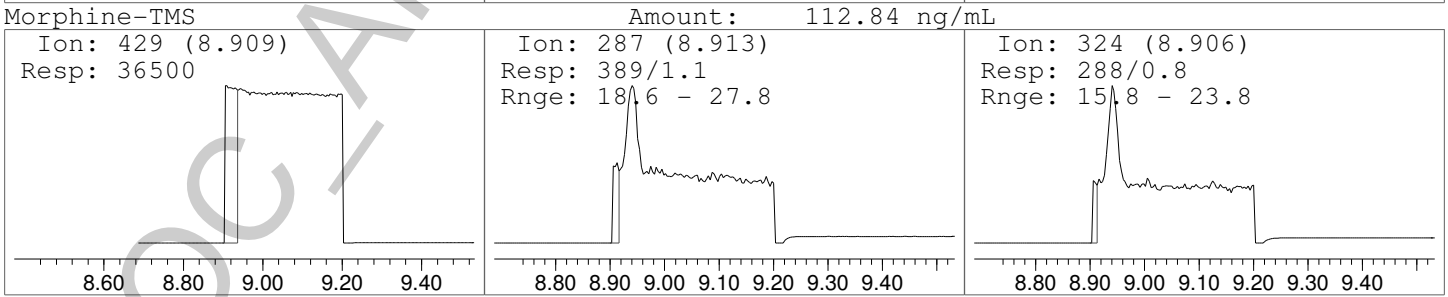
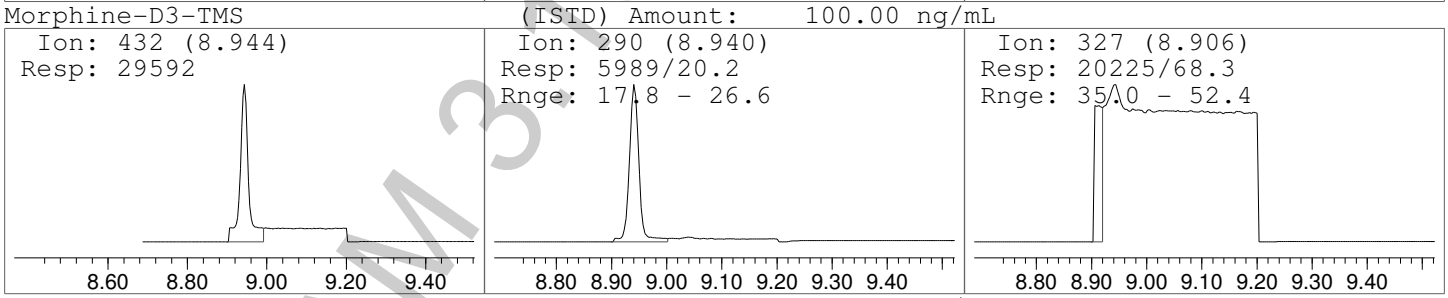
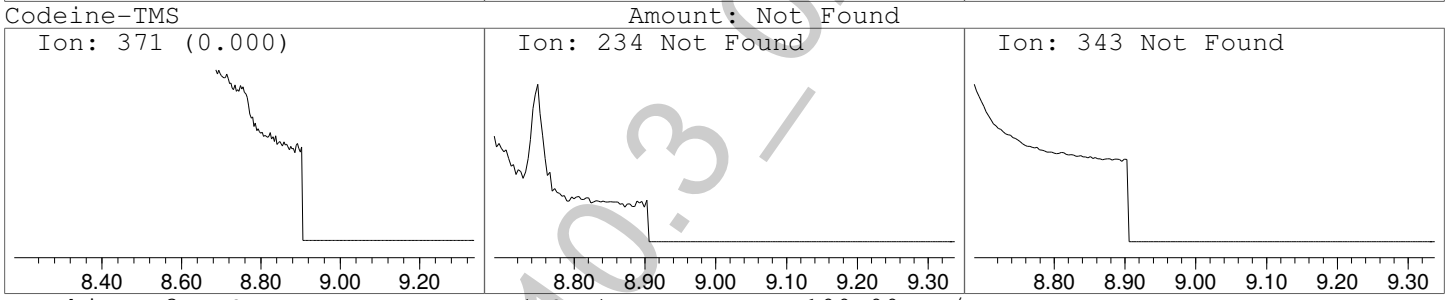
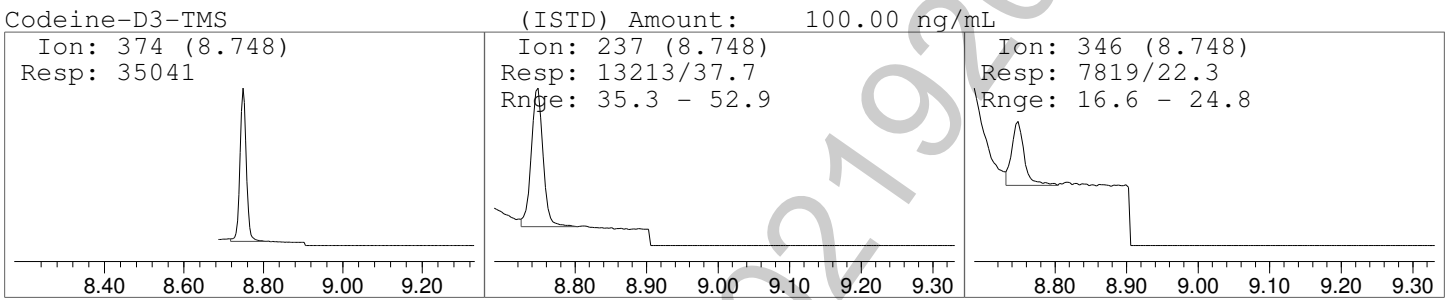
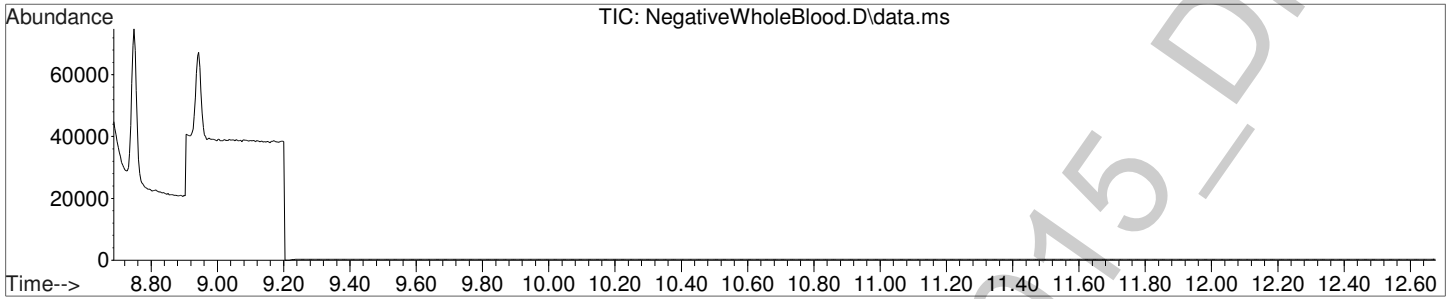


#4
 Morphine-TMS
 Concen: 112.84 ng/mL
 RT: 8.909 min Scan# 66
 Delta R.T. -0.044 min
 Lab File: NegativeWholeBlood.D
 Acq: 19 Feb 2015 17:22

Tgt Ion	Resp	Lower	Upper
429	100		
287	1.1	18.6	27.8#
324	0.8	15.8	23.8#



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : NegativeWholeBlood.D
 Acq On : 19 Feb 2015 17:22
 Operator : D Downey
 Sample : Negative Whole Blood Utak Lot B0130
 Misc : Analytical Method 3.10.3
 ALS Vial : 1 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-1-25.D
 Acq On : 19 Feb 2015 17:59
 Operator : D Downey
 Sample : Calibrator Level 1: 25ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 2 Sample Multiplier: 1



Quant Time: Feb 20 10:37:24 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 Feb 20 10:36:27 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.752	374	35319	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.943	432	28079	100.00	ng/mL #	0.00
Target Compounds						
2) Codeine-TMS	8.758	371	9683	15.72	ng/mL#	Qvalue * 83
4) Morphine-TMS	8.912	429	15199	23.98	ng/mL#	59

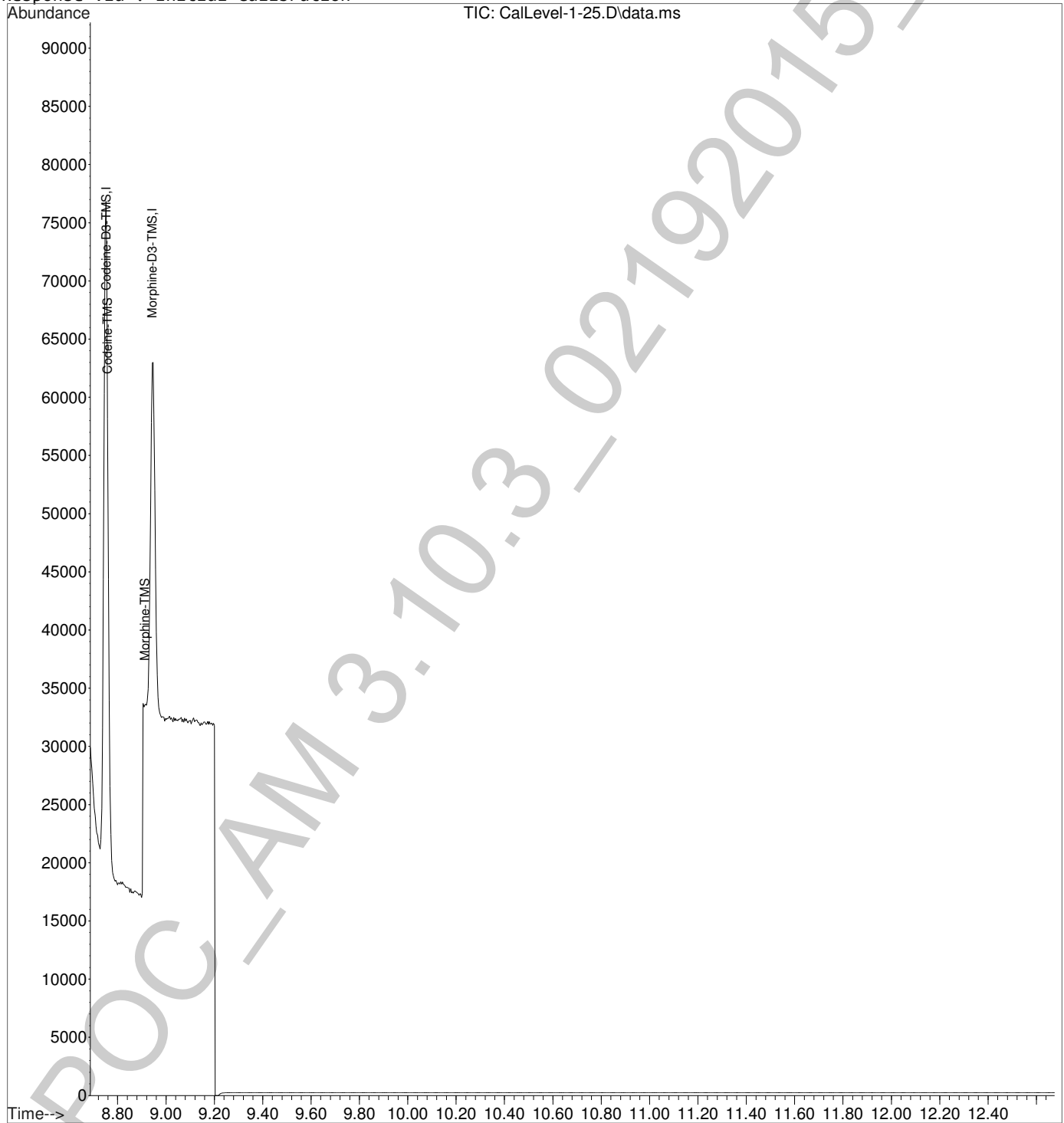
(#) = qualifier out of range (m) = manual integration (+) = signals summed

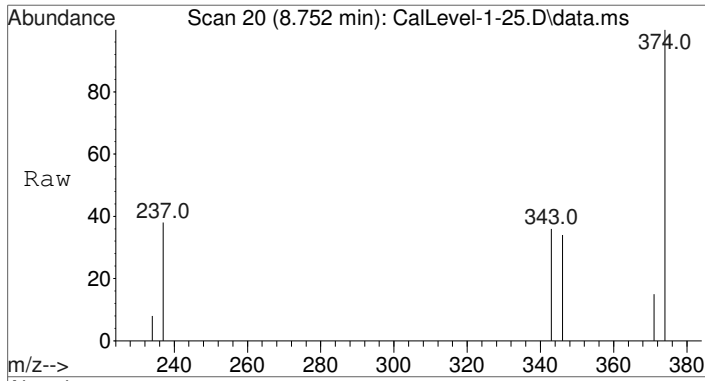
*Refer to manual integration.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : CalLevel-1-25.D
Acq On : 19 Feb 2015 17:59
Operator : D Downey
Sample : Calibrator Level 1: 25ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 2 Sample Multiplier: 1

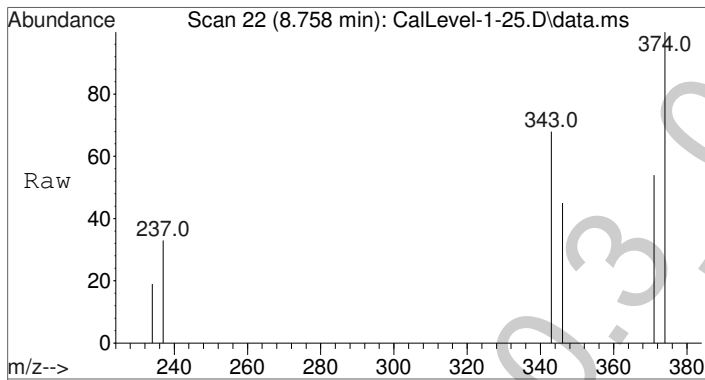
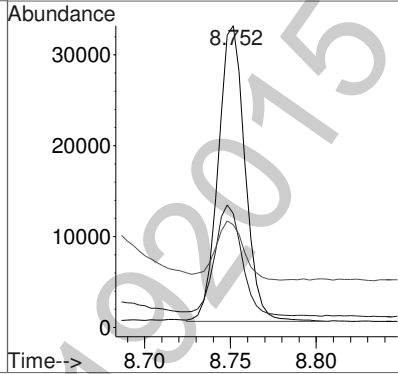
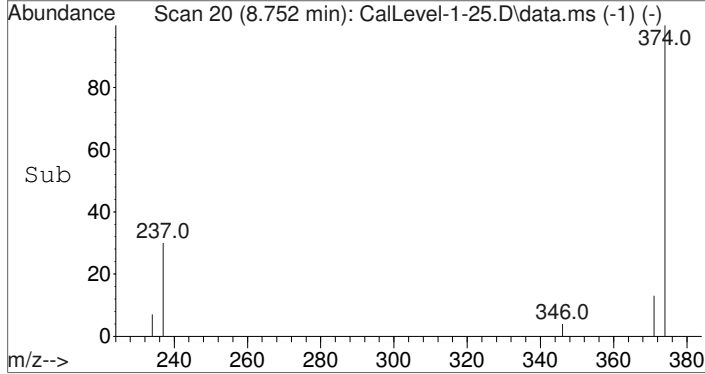
Quant Time: Feb 20 10:37:24 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:36:27 2015
Response via : Initial Calibration





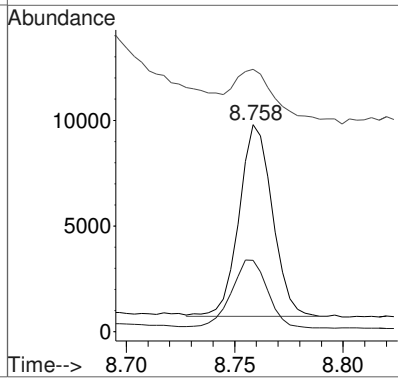
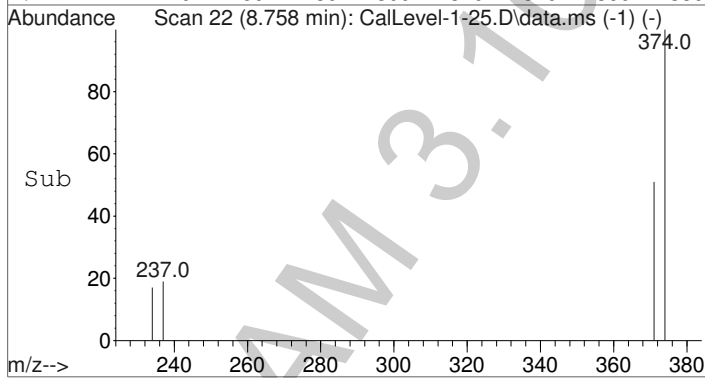
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.752 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: CalLevel-1-25.D
 Acq: 19 Feb 2015 17:59

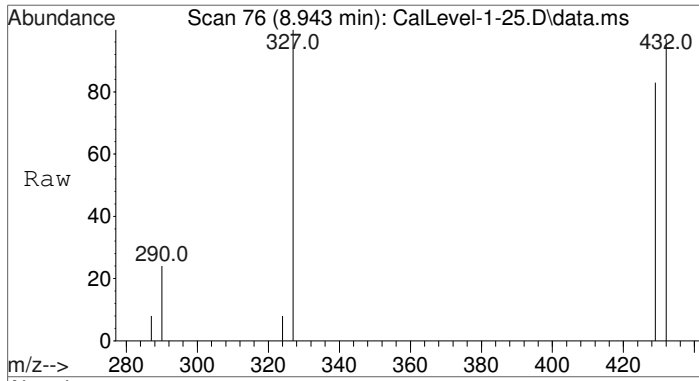
Tgt Ion	Resp	Lower	Upper
374	35319		
374	100		
237	38.2	35.3	52.9
346	20.9	16.6	24.8



#2
 Codeine-TMS
 Concen: 15.72 ng/mL
 RT: 8.758 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: CalLevel-1-25.D
 Acq: 19 Feb 2015 17:59

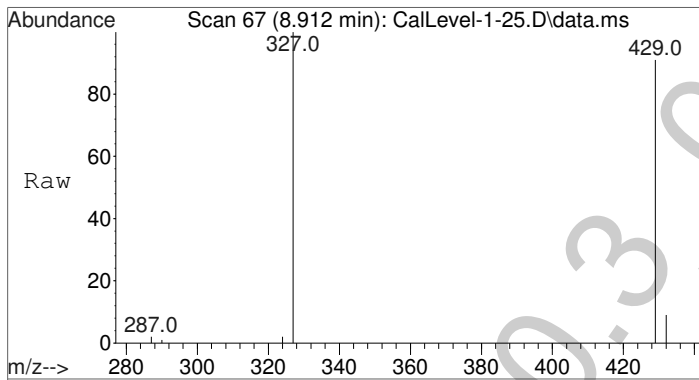
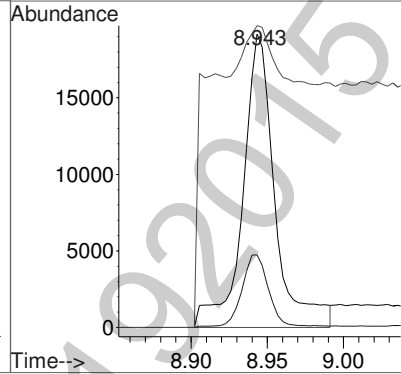
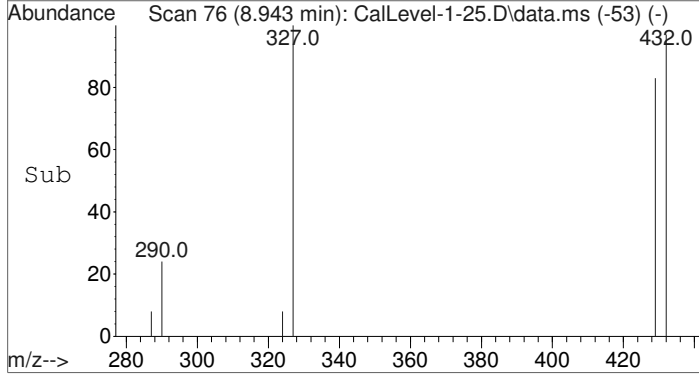
Tgt Ion	Resp	Lower	Upper
371	9683		
371	100		
234	39.4	27.8	41.8
343	37.2	17.8	26.8#





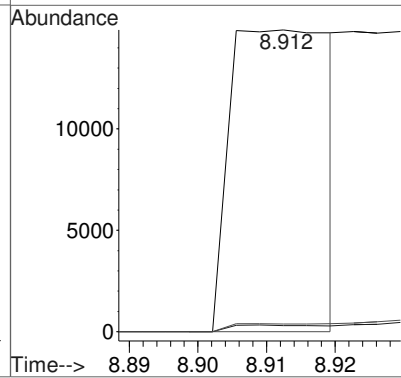
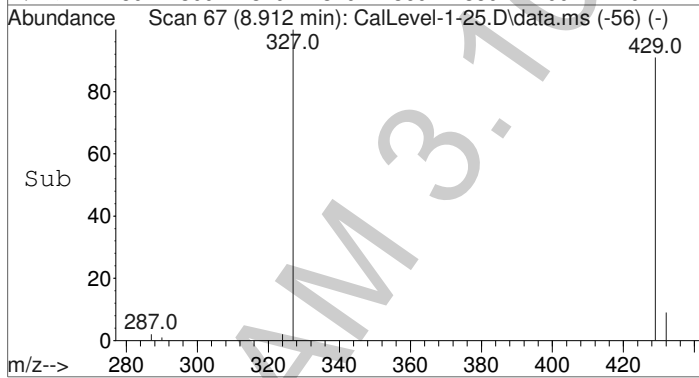
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.943 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: CalLevel-1-25.D
 Acq: 19 Feb 2015 17:59

Tgt Ion	Resp	Lower	Upper
432	100		
290	21.4	17.8	26.6
327	72.2	35.0	52.4#

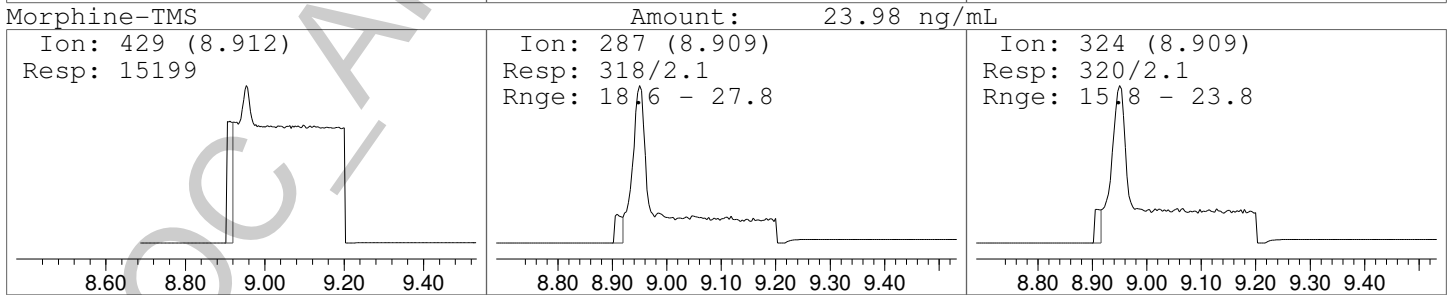
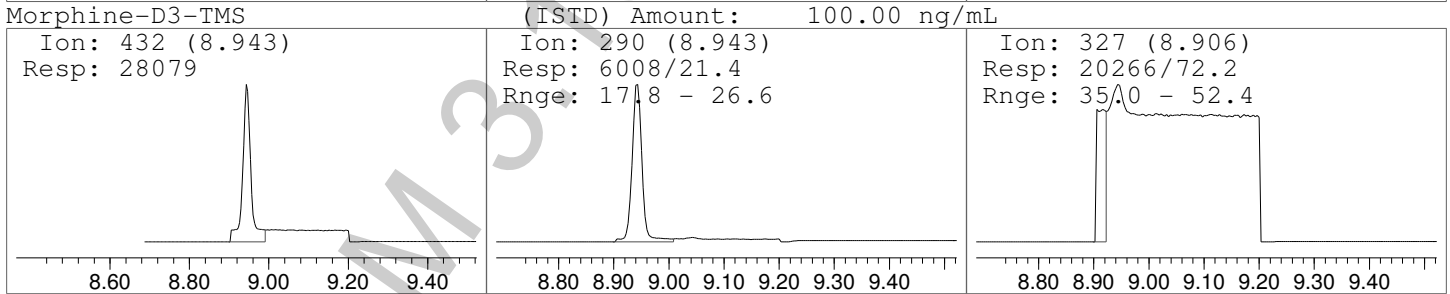
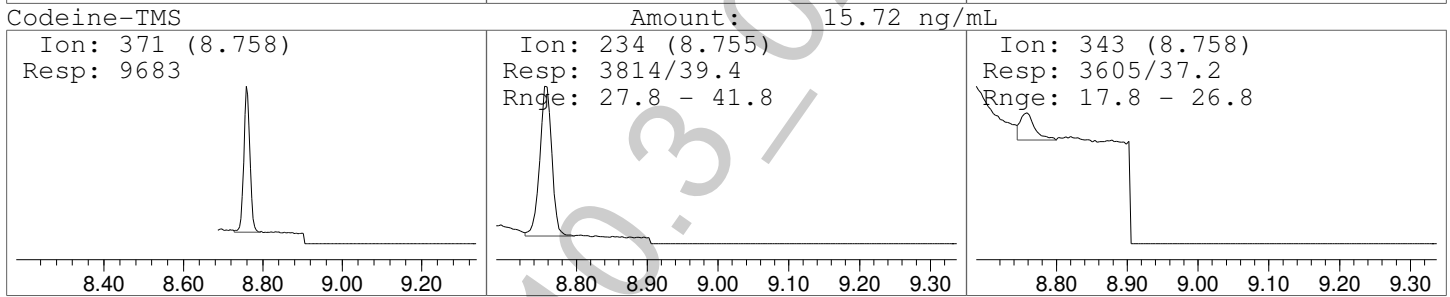
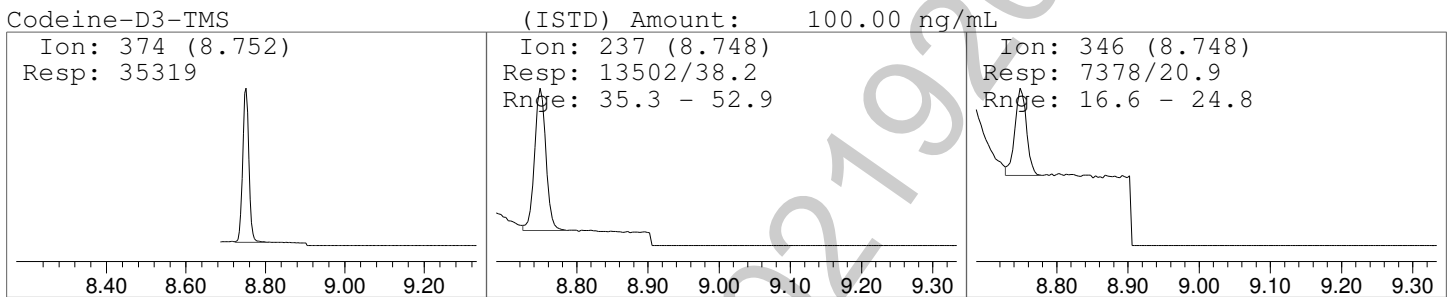
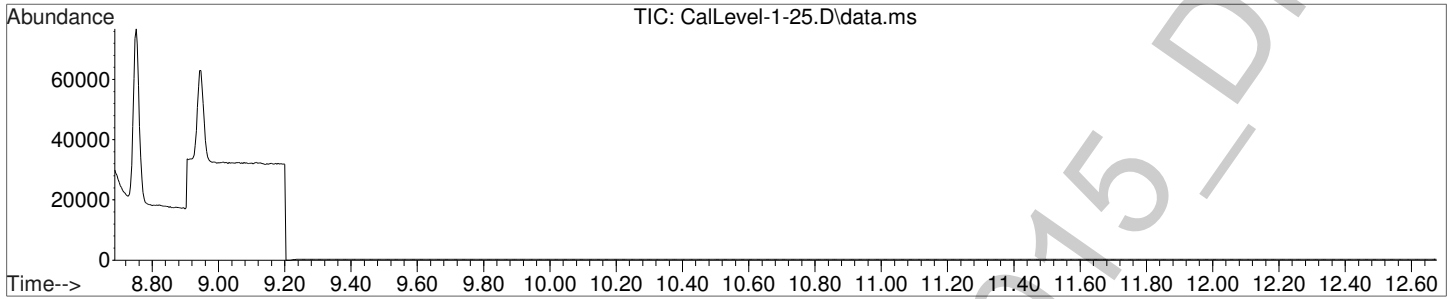


#4
 Morphine-TMS
 Concen: 23.98 ng/mL
 RT: 8.912 min Scan# 67
 Delta R.T. -0.041 min
 Lab File: CalLevel-1-25.D
 Acq: 19 Feb 2015 17:59

Tgt Ion	Resp	Lower	Upper
429	100		
287	2.1	18.6	27.8#
324	2.1	15.8	23.8#



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-1-25.D
 Acq On : 19 Feb 2015 17:59
 Operator : D Downey
 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\021915OP\
 Data File : CalLevel-1-25.D
 Acq On : 19 Feb 2015 17:59
 Operator : D Downey
 Sample : Calibrator Level 1: 25ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 20 10:37:24 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 Feb 20 10:36:27 2015
 Response via : Initial Calibration

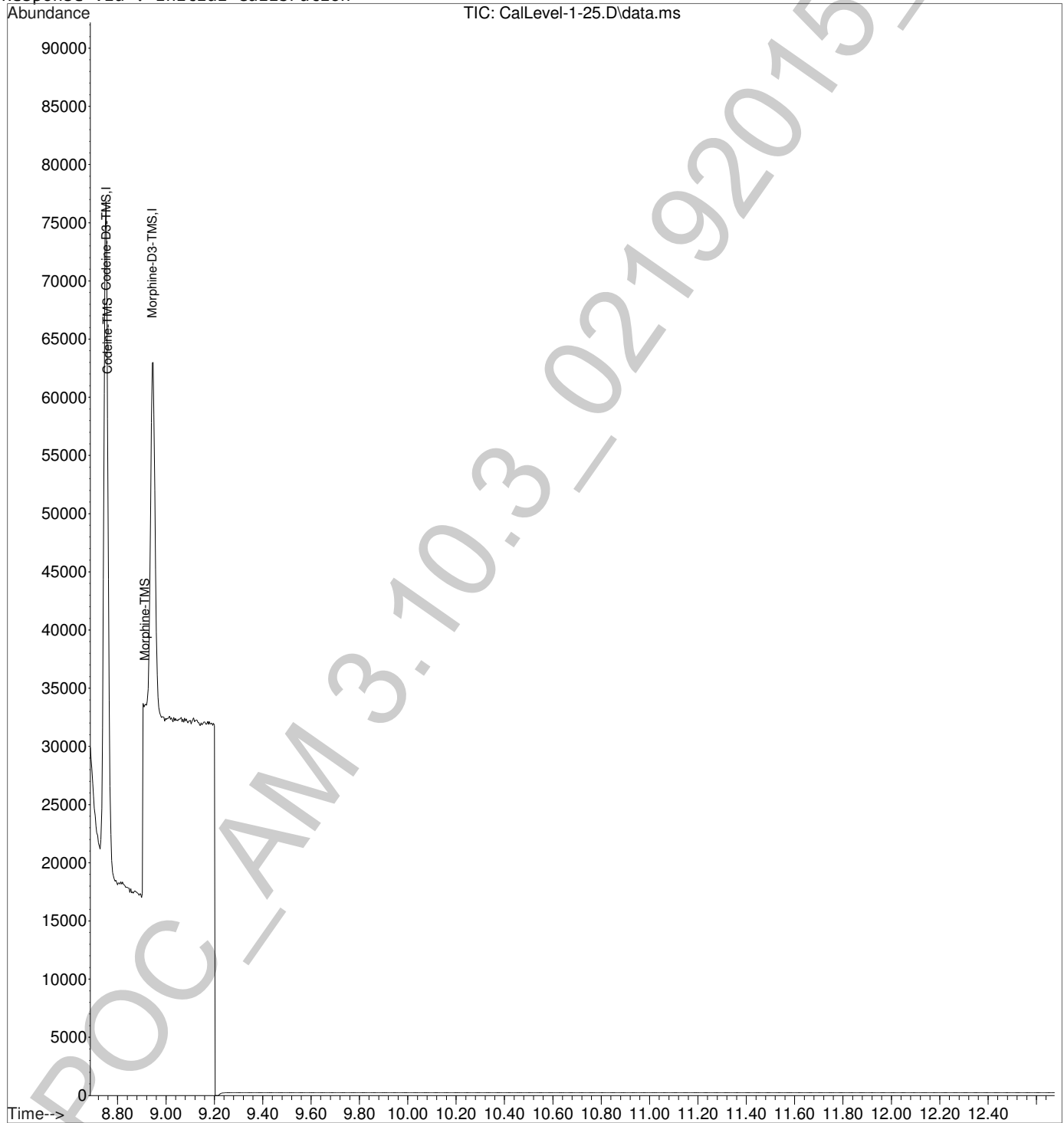
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.752	374	35319	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.943	432	28079	100.00	ng/mL * #	0.00
Target Compounds						
2) Codeine-TMS	8.758	371	13652m	27.66	ng/mL	Qvalue
4) Morphine-TMS	8.912	429	15199	23.98	ng/mL# *	59

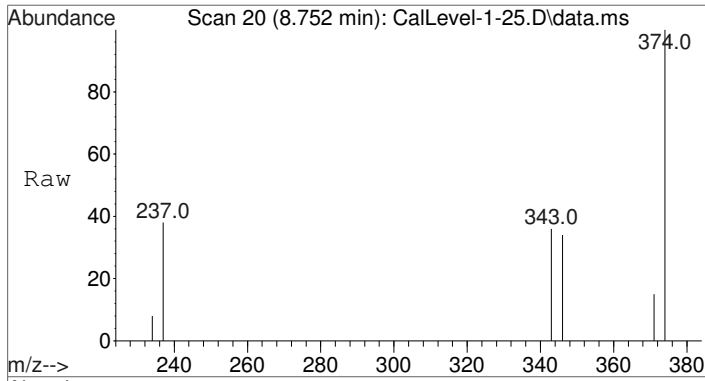
(#) = qualifier out of range (m) = manual integration (+) = signals summed

*Not able to manually integrate. No samples contained morphine (based on full scan spectra).

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : CalLevel-1-25.D
Acq On : 19 Feb 2015 17:59
Operator : D Downey
Sample : Calibrator Level 1: 25ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 2 Sample Multiplier: 1

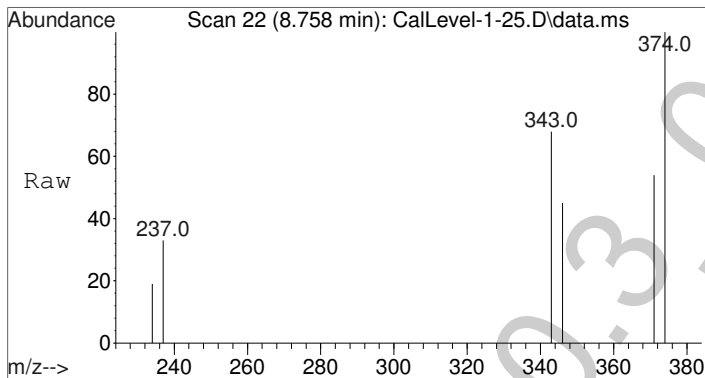
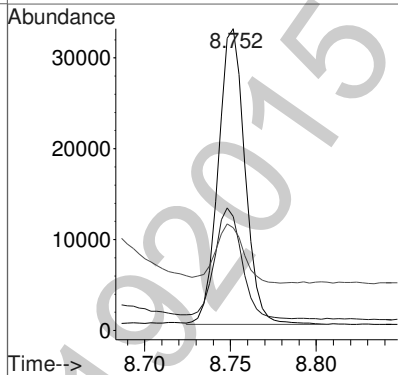
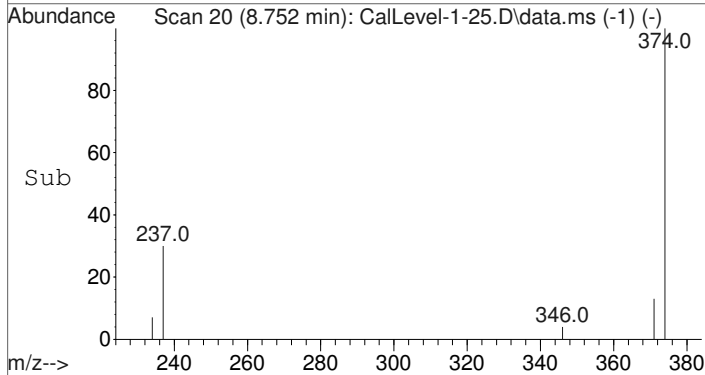
Quant Time: Feb 20 10:37:24 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:36:27 2015
Response via : Initial Calibration





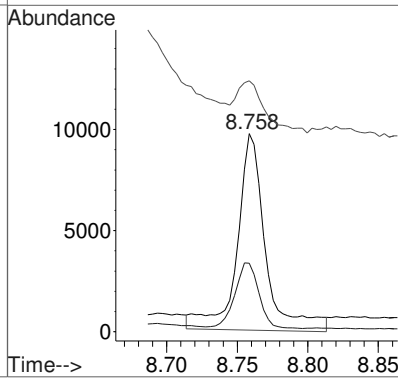
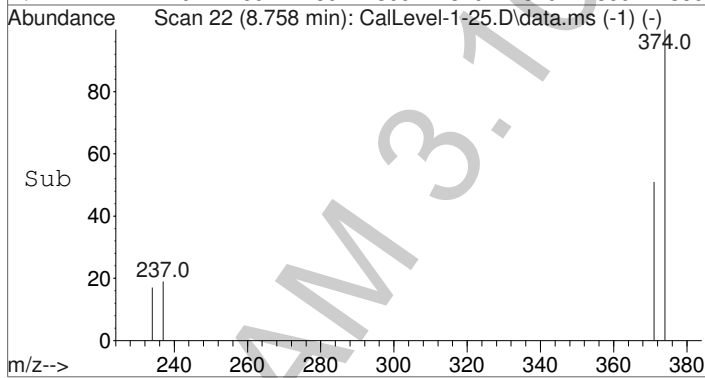
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.752 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: CalLevel-1-25.D
 Acq: 19 Feb 2015 17:59

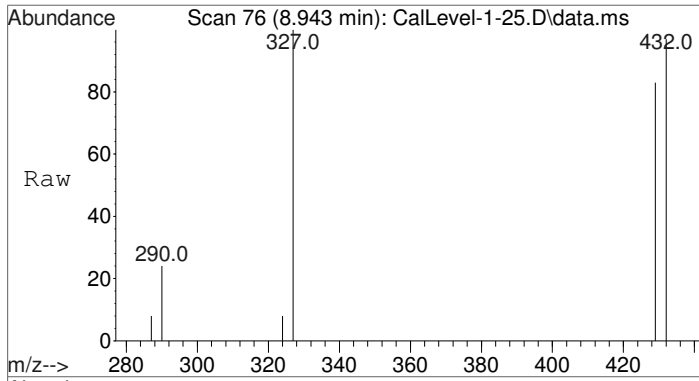
Tgt Ion	Resp	Lower	Upper
374	35319		
374	100		
237	38.2	35.3	52.9
346	20.9	16.6	24.8



#2
 Codeine-TMS
 Concen: 27.66 ng/mL m
 RT: 8.758 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: CalLevel-1-25.D
 Acq: 19 Feb 2015 17:59

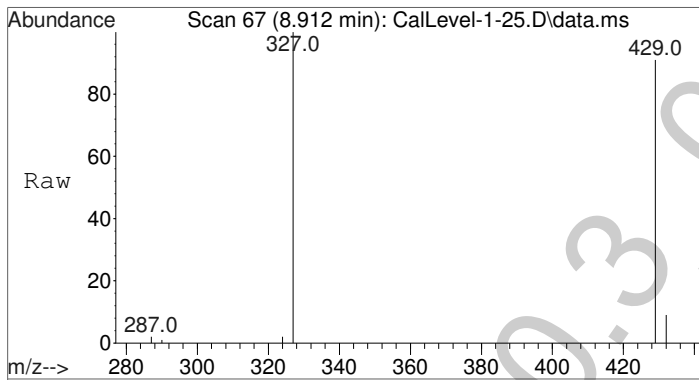
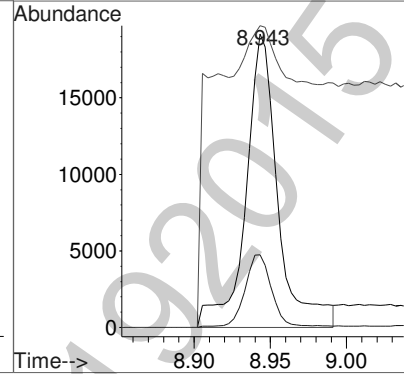
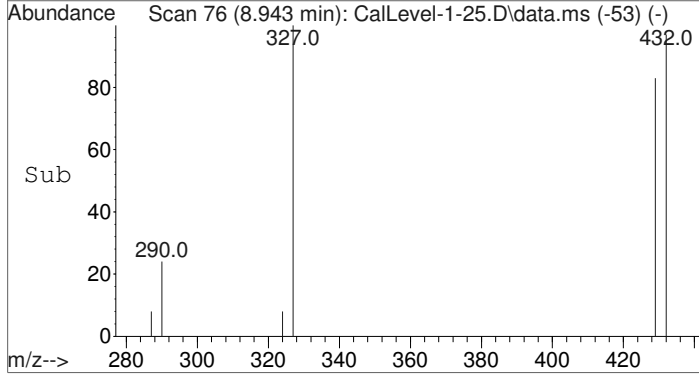
Tgt Ion	Resp	Lower	Upper
371	13652		
371	100		
234	27.9	27.8	41.8
343	26.4	17.8	26.8





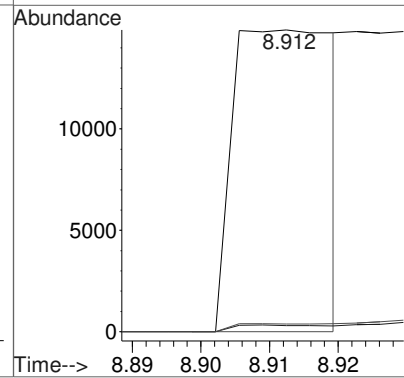
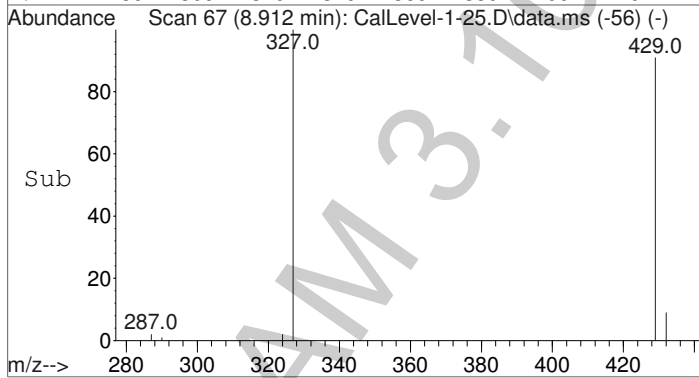
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.943 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: CalLevel-1-25.D
 Acq: 19 Feb 2015 17:59

Tgt Ion	Resp	Lower	Upper
432	100		
290	21.4	17.8	26.6
327	72.2	35.0	52.4#

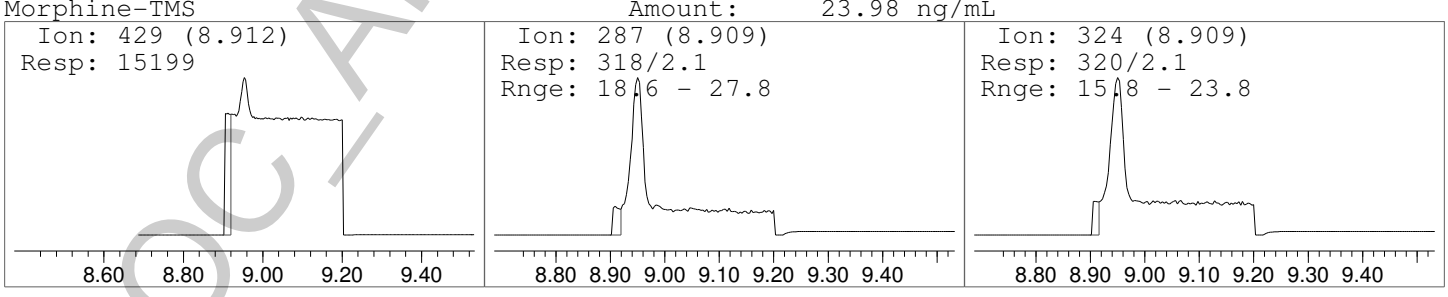
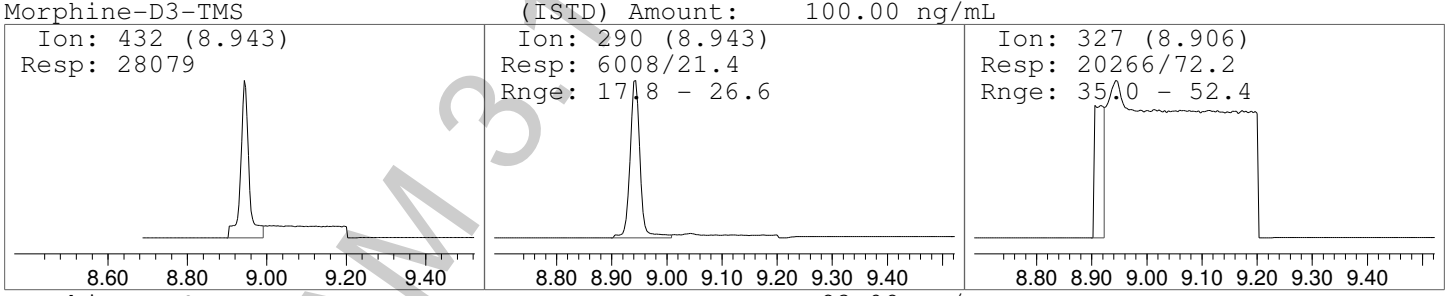
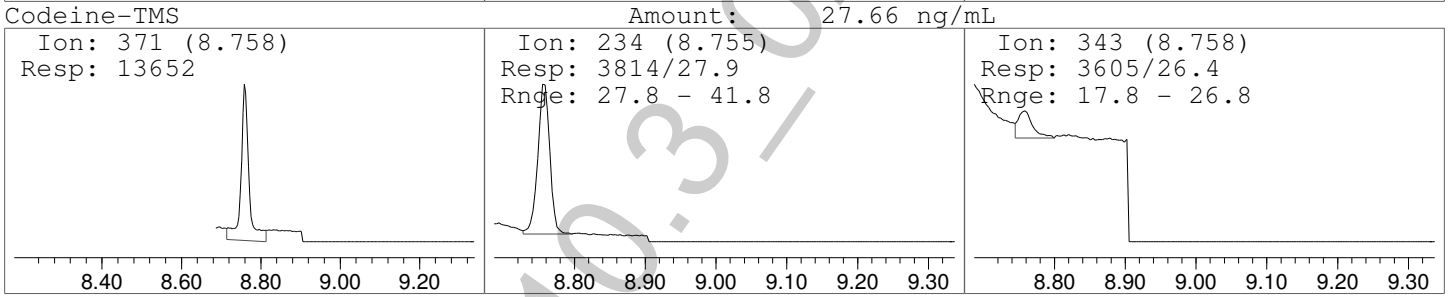
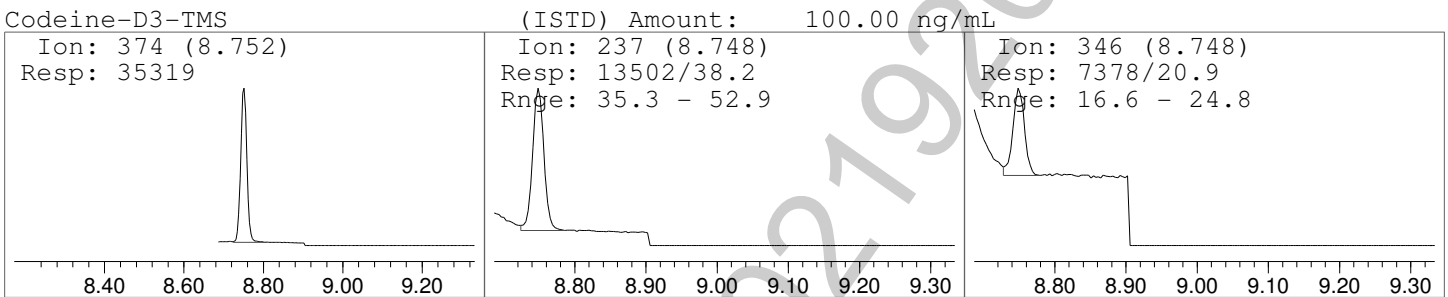
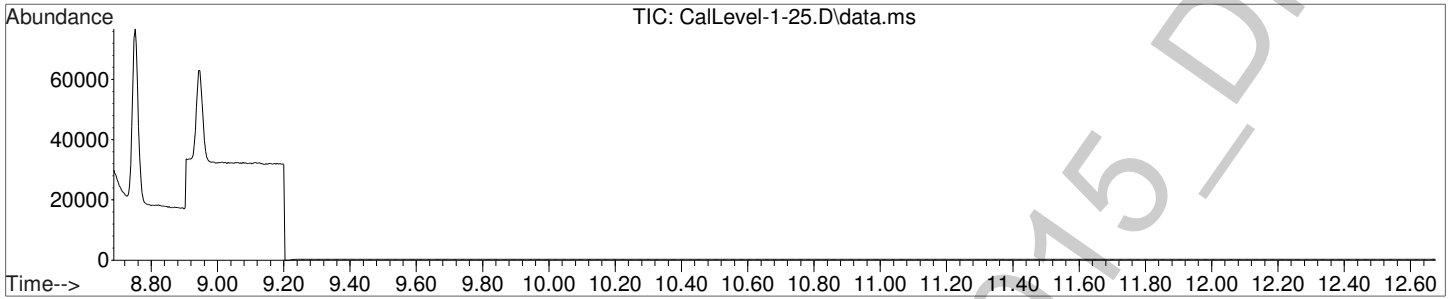


#4
 Morphine-TMS
 Concen: 23.98 ng/mL
 RT: 8.912 min Scan# 67
 Delta R.T. -0.041 min
 Lab File: CalLevel-1-25.D
 Acq: 19 Feb 2015 17:59

Tgt Ion	Resp	Lower	Upper
429	100		
287	2.1	18.6	27.8#
324	2.1	15.8	23.8#



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-1-25.D
 Acq On : 19 Feb 2015 17:59
 Operator : D Downey
 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\021915OP\
 Data File : CalLevel-2-50.D
 Acq On : 19 Feb 2015 18:18
 Operator : D Downey
 Sample : Calibrator Level 2: 50ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 3 Sample Multiplier: 1



Quant Time: Feb 20 10:37:30 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 Feb 20 10:36:27 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.752	374	37329	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.943	432	30676	100.00	ng/mL*	# 0.00
Target Compounds						
2) Codeine-TMS	8.758	371	19302	41.52	ng/mL#	89
4) Morphine-TMS	8.953	429	11342	1.95	ng/mL#	* 62

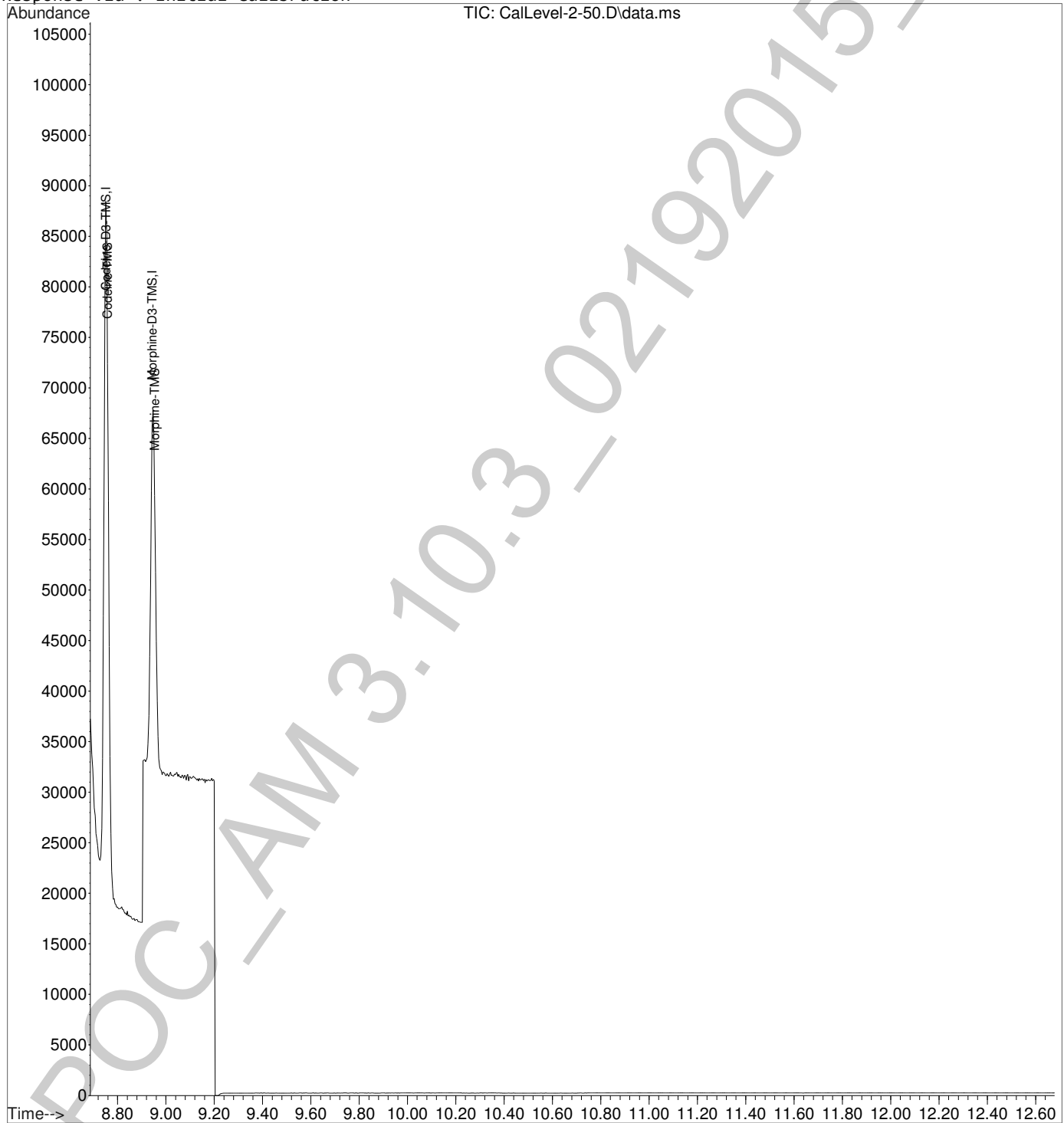
(#) = qualifier out of range (m) = manual integration (+) = signals summed

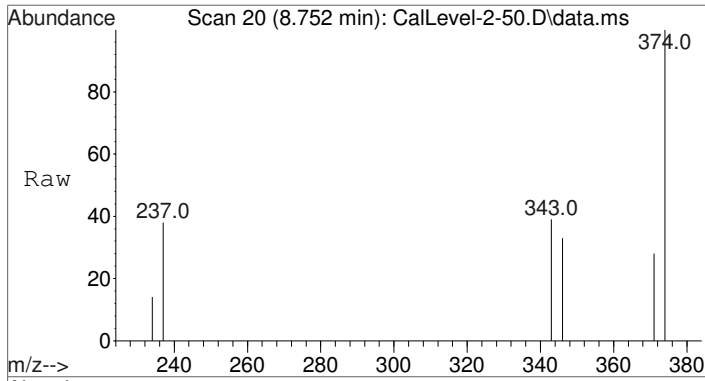
*Refer to manual integration.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : CalLevel-2-50.D
Acq On : 19 Feb 2015 18:18
Operator : D Downey
Sample : Calibrator Level 2: 50ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 3 Sample Multiplier: 1

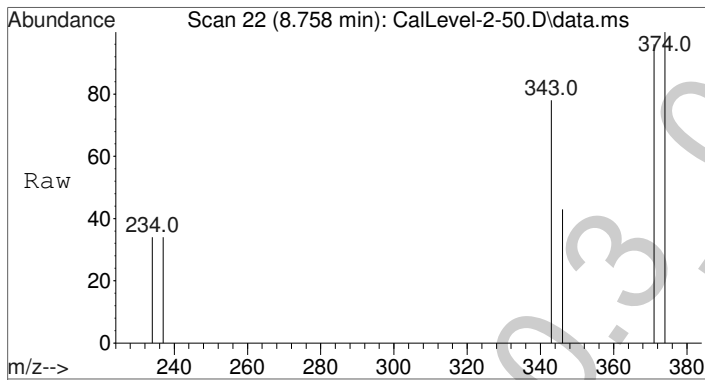
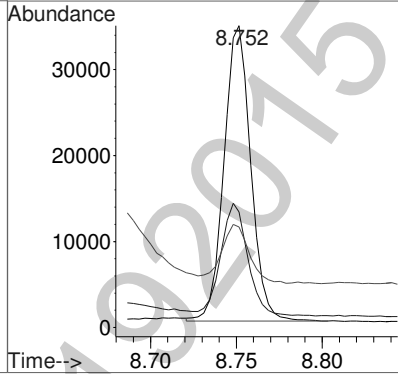
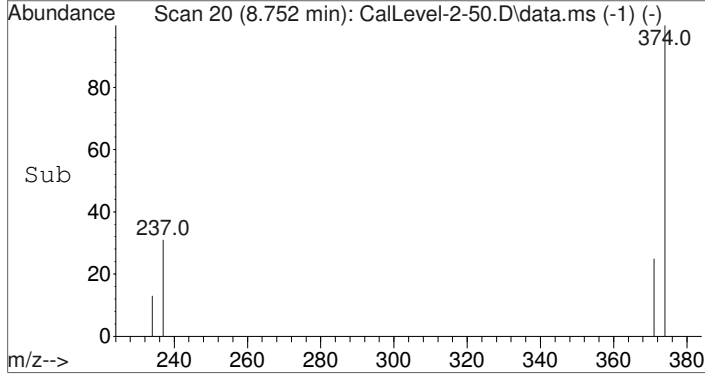
Quant Time: Feb 20 10:37:30 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:36:27 2015
Response via : Initial Calibration





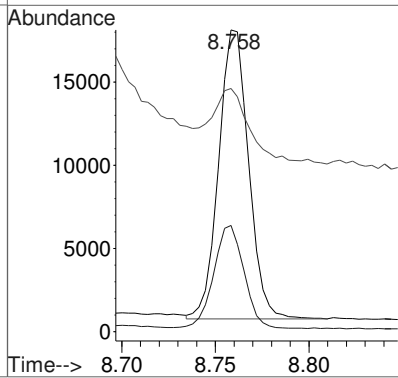
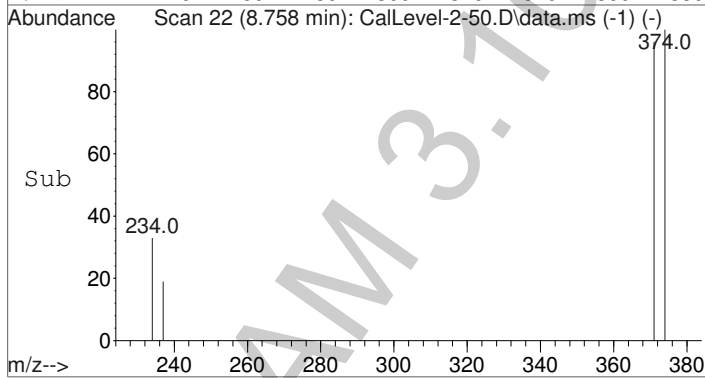
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.752 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: CalLevel-2-50.D
 Acq: 19 Feb 2015 18:18

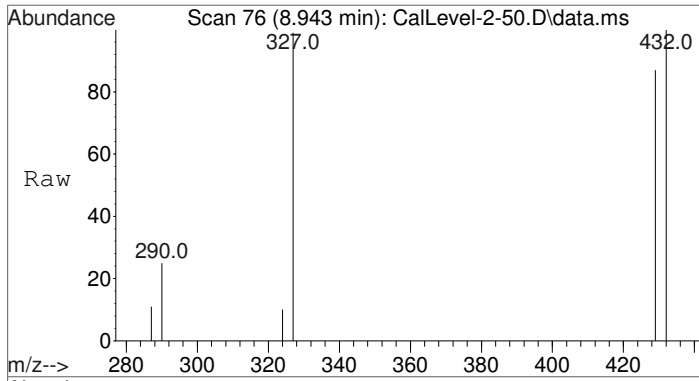
Tgt Ion	Resp	Lower	Upper
374	37329		
374	100		
237	38.9	35.3	52.9
346	20.7	16.6	24.8



#2
 Codeine-TMS
 Concen: 41.52 ng/mL
 RT: 8.758 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: CalLevel-2-50.D
 Acq: 19 Feb 2015 18:18

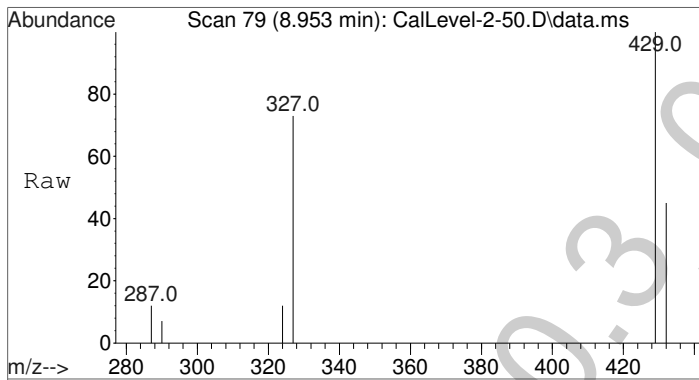
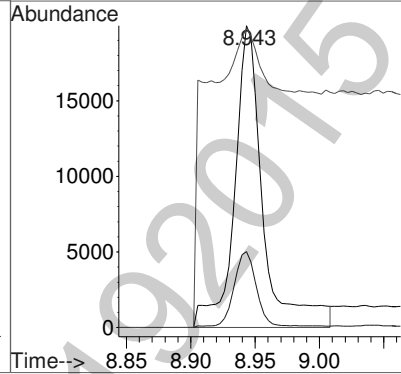
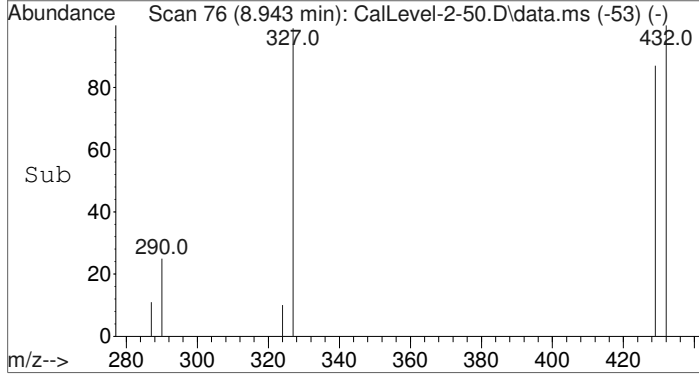
Tgt Ion	Resp	Lower	Upper
371	19302		
371	100		
234	36.4	27.8	41.8
343	33.4	17.8	26.8#





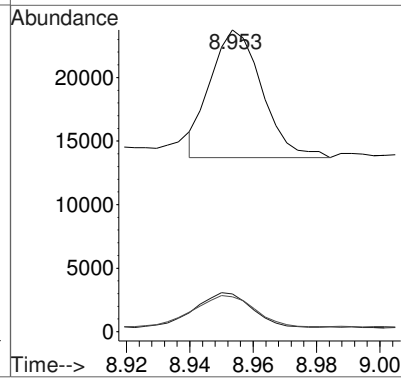
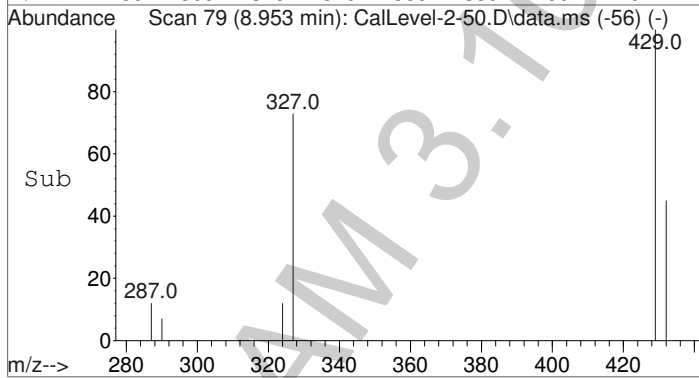
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.943 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: CalLevel-2-50.D
 Acq: 19 Feb 2015 18:18

Tgt Ion	Resp	Lower	Upper
432	100		
290	20.1	17.8	26.6
327	32.7	35.0	52.4#

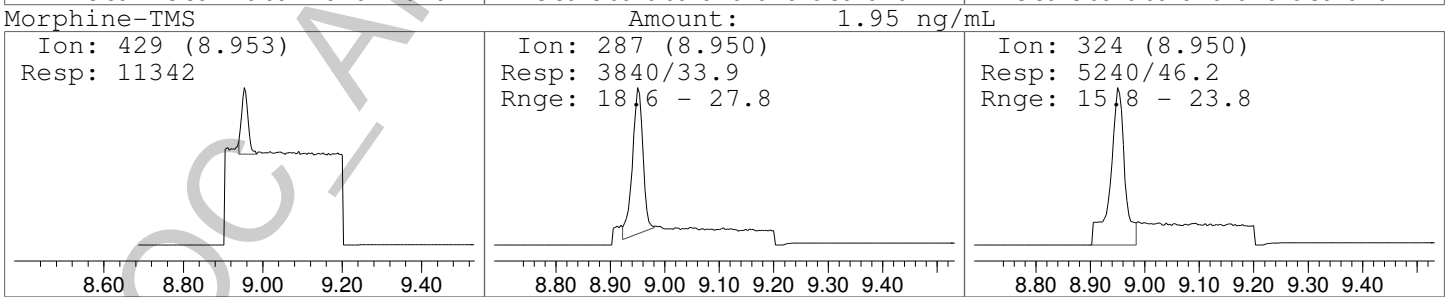
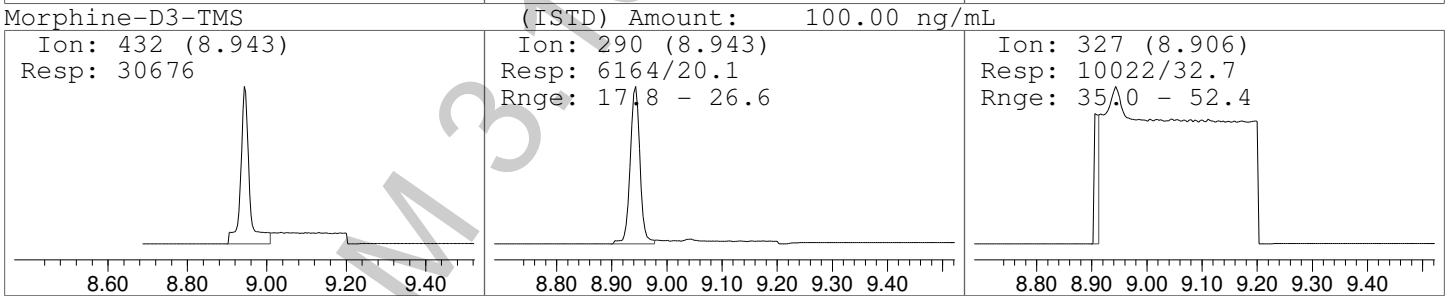
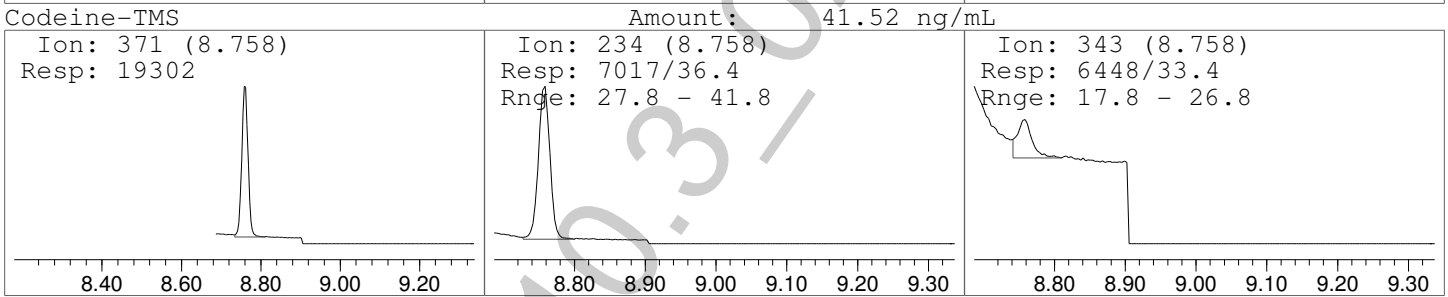
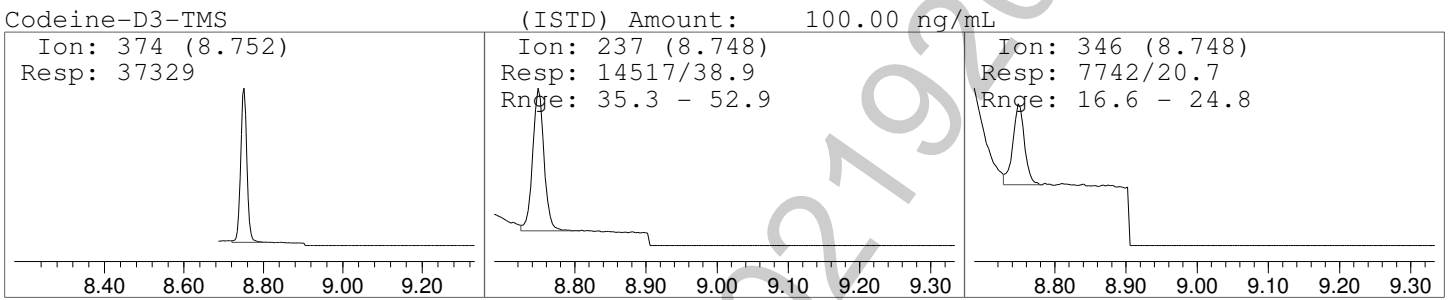
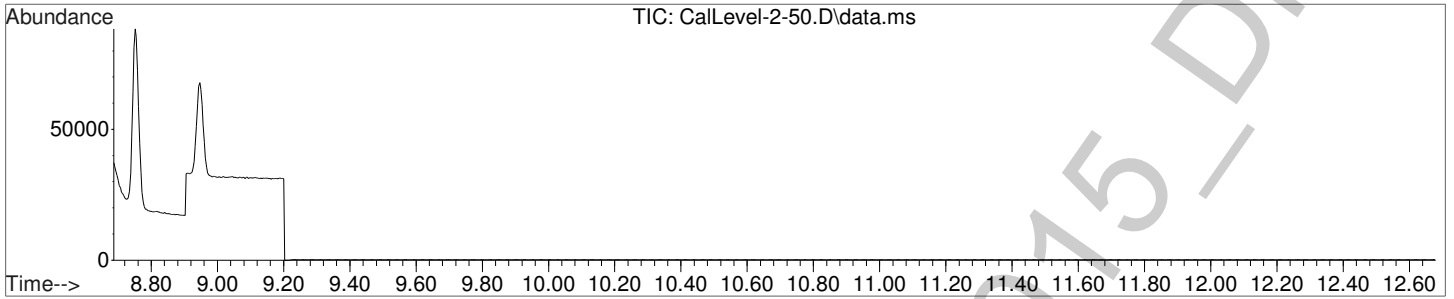


#4
 Morphine-TMS
 Concen: 1.95 ng/mL
 RT: 8.953 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: CalLevel-2-50.D
 Acq: 19 Feb 2015 18:18

Tgt Ion	Resp	Lower	Upper
429	100		
287	33.9	18.6	27.8#
324	46.2	15.8	23.8#



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-2-50.D
 Acq On : 19 Feb 2015 18:18
 Operator : D Downey
 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\021915OP\
 Data File : CalLevel-2-50.D
 Acq On : 19 Feb 2015 18:18
 Operator : D Downey
 Sample : Calibrator Level 2: 50ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 20 10:37:30 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 Feb 20 10:36:27 2015
 Response via : Initial Calibration

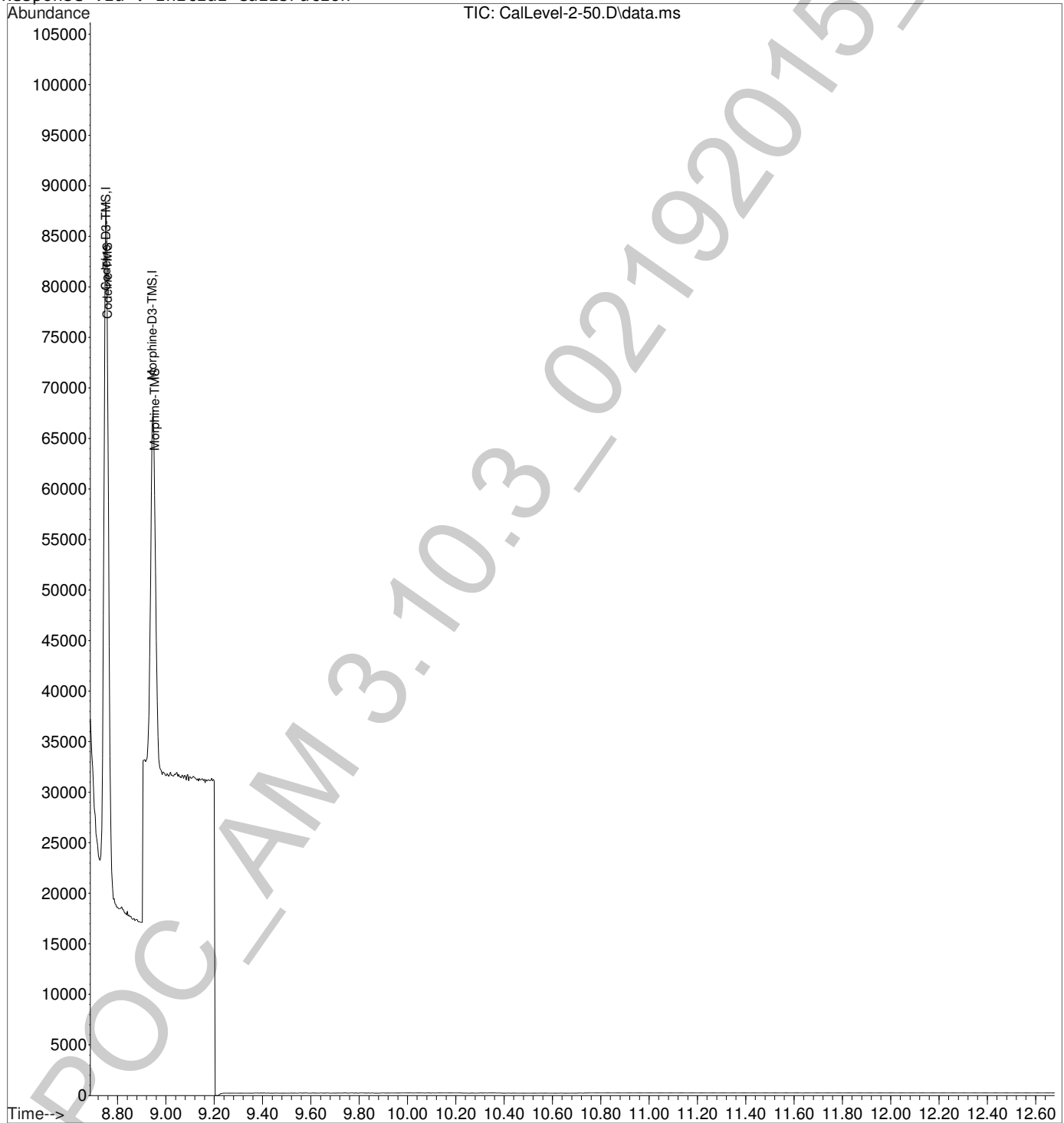
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.752	374	37329	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.943	432	27587m	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.758	371	24827m	57.23	ng/mL	Qvalue
4) Morphine-TMS	8.953	429	15274m	25.57	ng/mL	*

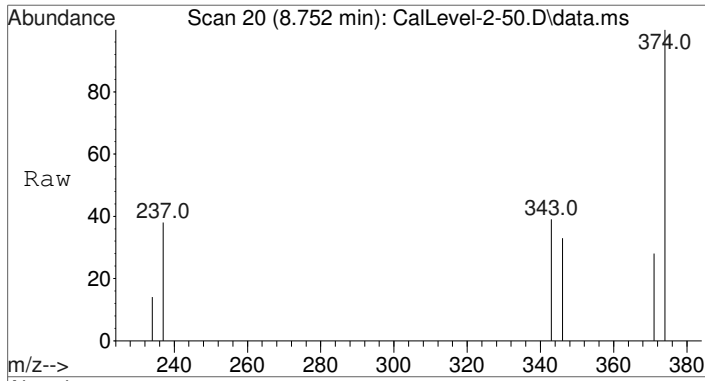
(#) = qualifier out of range (m) = manual integration (+) = signals summed

***Morphine quantity low - not applicable to this run of cases, as none contained morphine (confirmed through full scan data analysis).**

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : CalLevel-2-50.D
Acq On : 19 Feb 2015 18:18
Operator : D Downey
Sample : Calibrator Level 2: 50ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 3 Sample Multiplier: 1

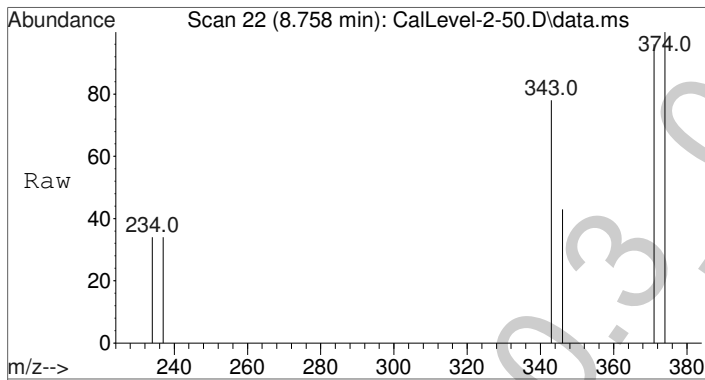
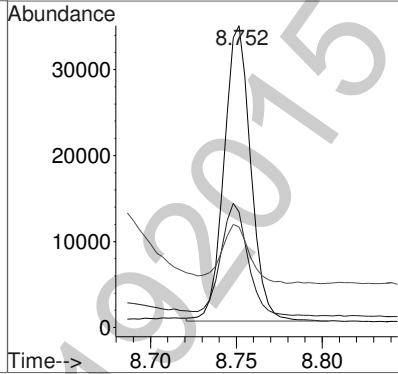
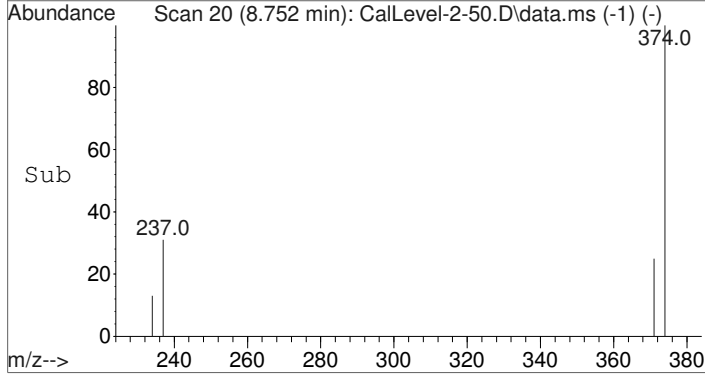
Quant Time: Feb 20 10:37:30 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:36:27 2015
Response via : Initial Calibration





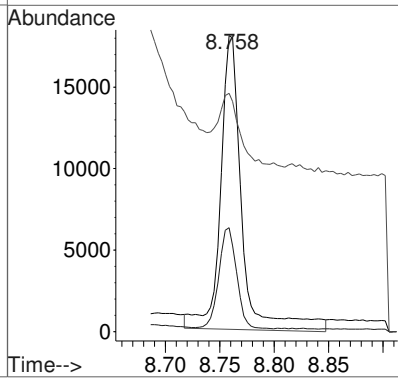
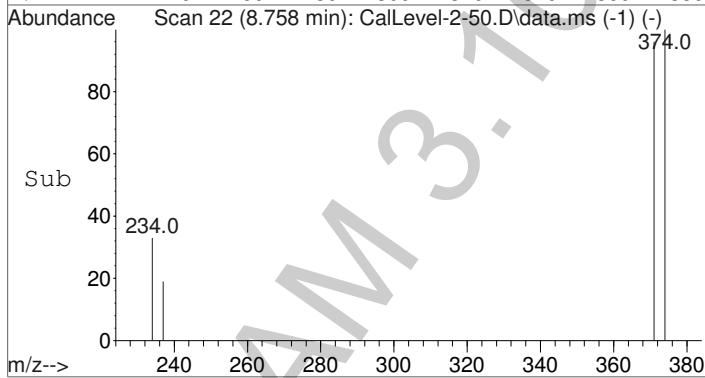
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.752 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: CalLevel-2-50.D
 Acq: 19 Feb 2015 18:18

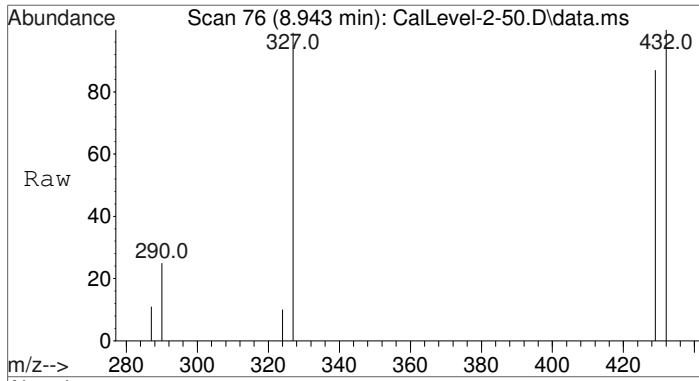
Tgt Ion	Resp	Lower	Upper
374	37329		
374	100		
237	38.9	35.3	52.9
346	20.7	16.6	24.8



#2
 Codeine-TMS
 Concen: 57.23 ng/mL m
 RT: 8.758 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: CalLevel-2-50.D
 Acq: 19 Feb 2015 18:18

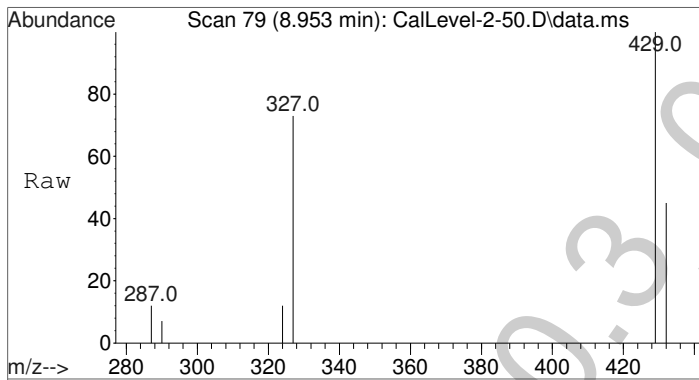
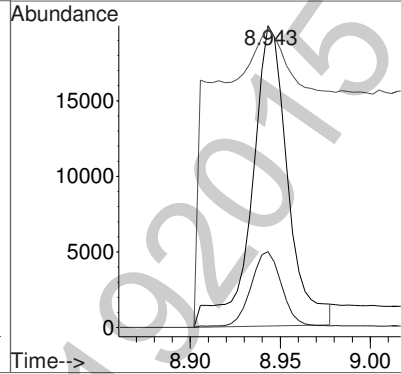
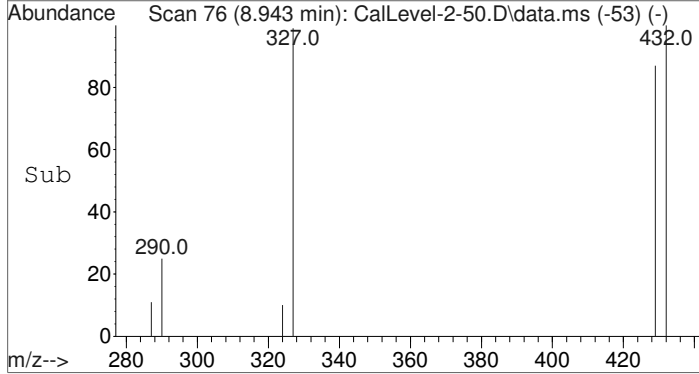
Tgt Ion	Resp	Lower	Upper
371	24827		
371	100		
234	28.3	27.8	41.8
343	26.0	17.8	26.8





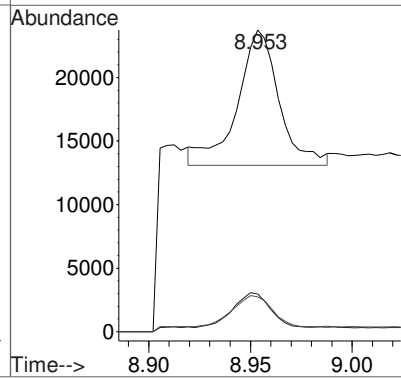
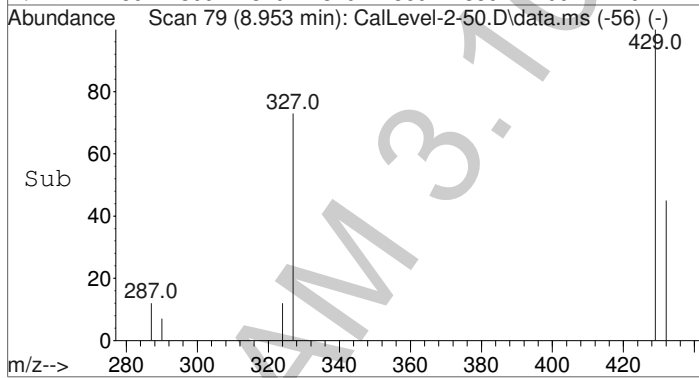
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL m
 RT: 8.943 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: CalLevel-2-50.D
 Acq: 19 Feb 2015 18:18

Tgt Ion	Resp	Lower	Upper
432	100		
290	22.3	17.8	26.6
327	36.3	35.0	52.4

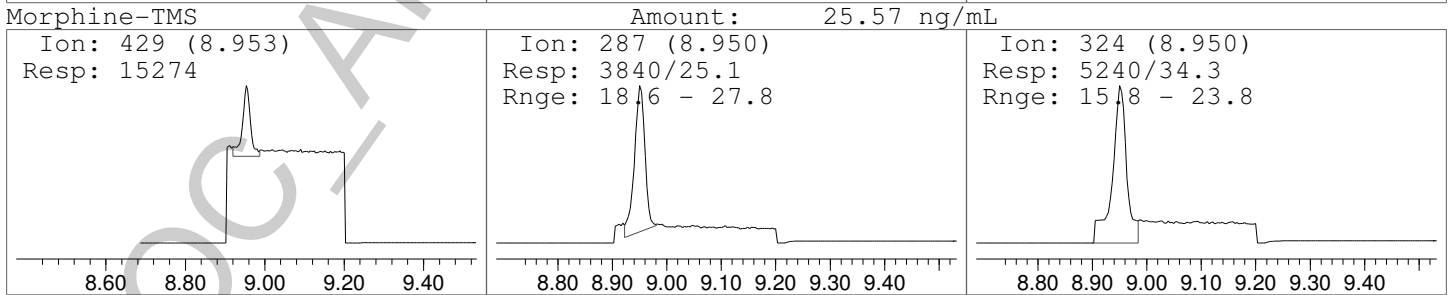
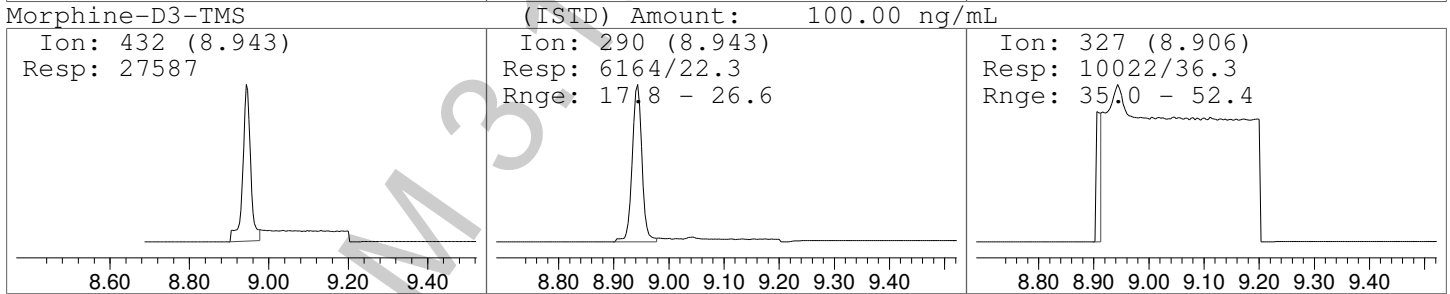
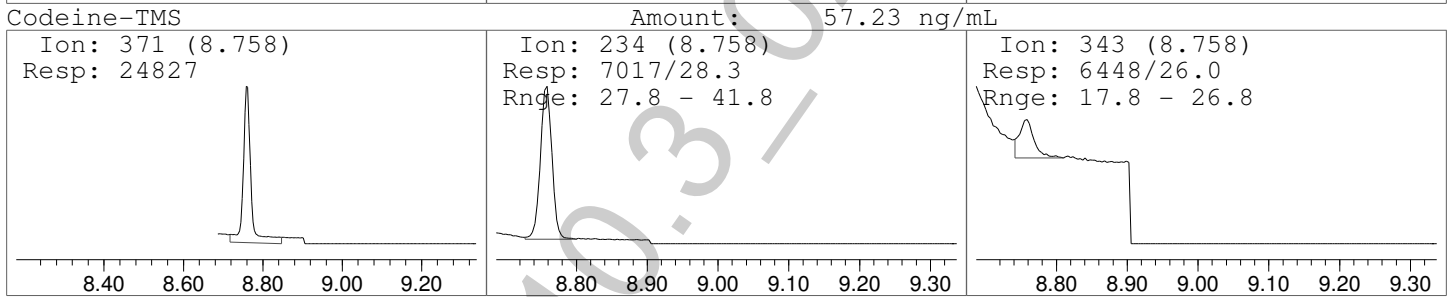
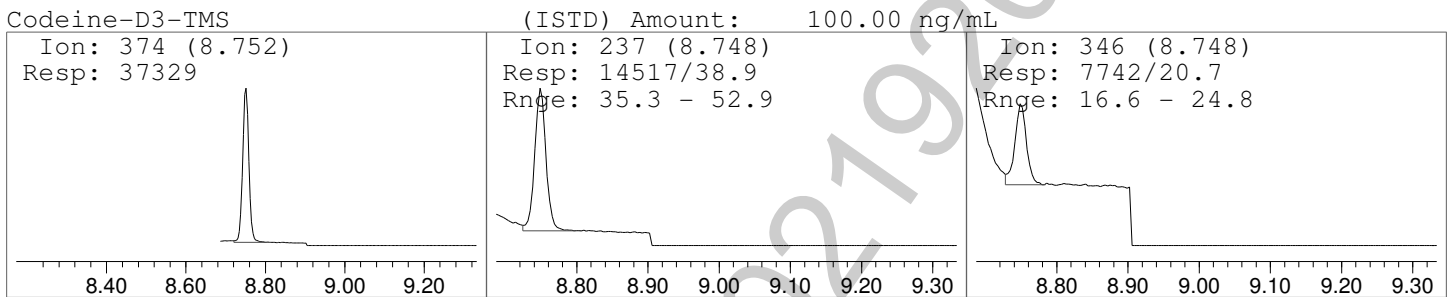
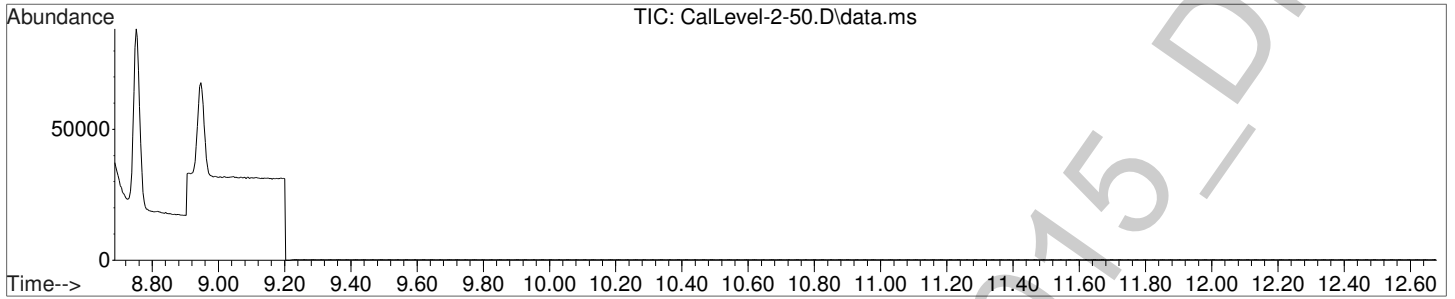


#4
 Morphine-TMS
 Concen: 25.57 ng/mL m
 RT: 8.953 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: CalLevel-2-50.D
 Acq: 19 Feb 2015 18:18

Tgt Ion	Resp	Lower	Upper
429	100		
287	25.1	18.6	27.8
324	34.3	15.8	23.8#



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-2-50.D
 Acq On : 19 Feb 2015 18:18
 Operator : D Downey
 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\021915OP\
 Data File : CalLevel-3-100.D
 Acq On : 19 Feb 2015 18:36
 Operator : D Downey
 Sample : Calibrator Level 3: 100ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 20 10:37:37 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 Feb 20 10:36:27 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.748	374	39289	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.944	432	30171	100.00	ng/mL * #	0.00
Target Compounds						
2) Codeine-TMS	8.759	371	41293	98.21	ng/mL	96
4) Morphine-TMS	8.954	429	41500	131.08	ng/mL# *	91

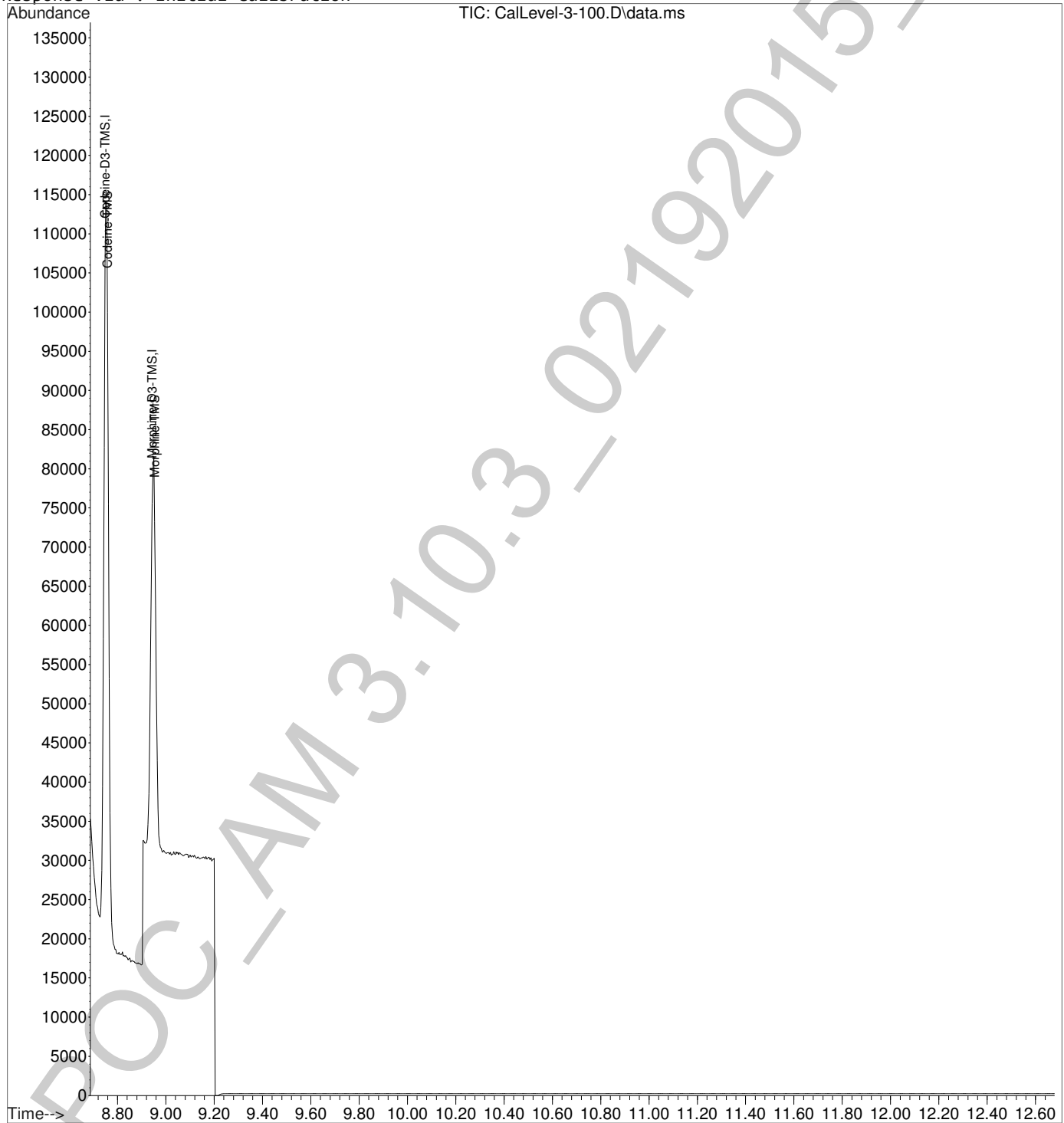
(#) = qualifier out of range (m) = manual integration (+) = signals summed

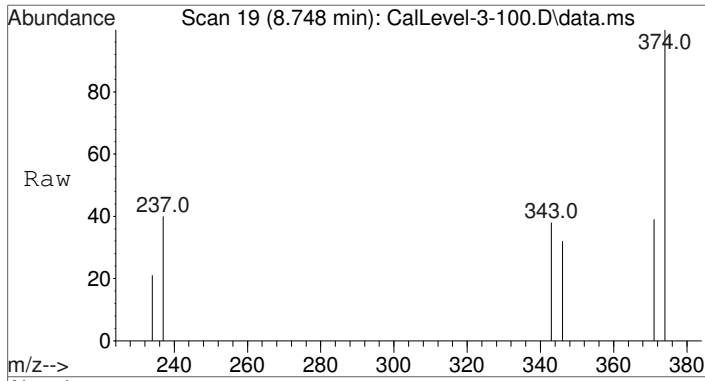
*Refer to manual integration.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : CalLevel-3-100.D
Acq On : 19 Feb 2015 18:36
Operator : D Downey
Sample : Calibrator Level 3: 100ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 4 Sample Multiplier: 1

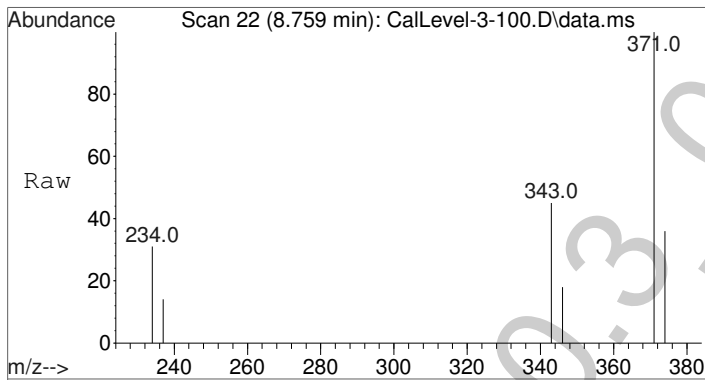
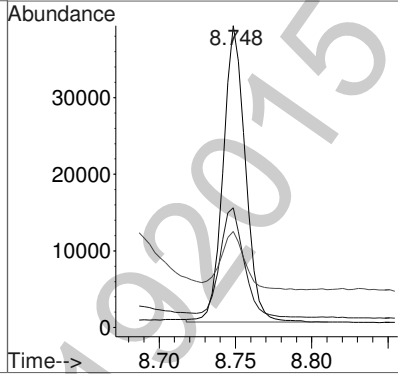
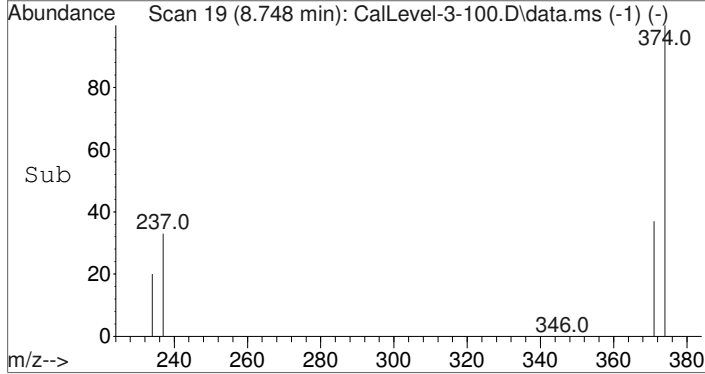
Quant Time: Feb 20 10:37:37 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:36:27 2015
Response via : Initial Calibration





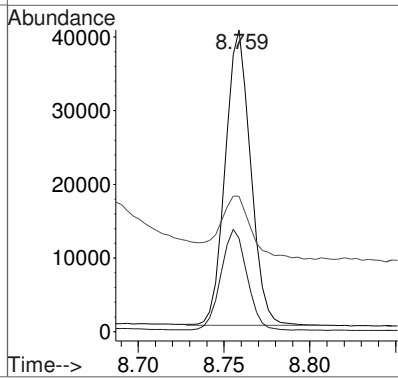
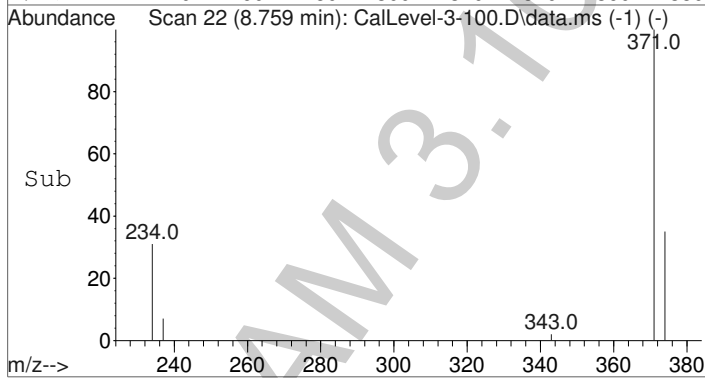
#1
Codeine-D3-TMS
Concen: 100.00 ng/mL
RT: 8.748 min Scan# 19
Delta R.T. -0.004 min
Lab File: CalLevel-3-100.D
Acq: 19 Feb 2015 18:36

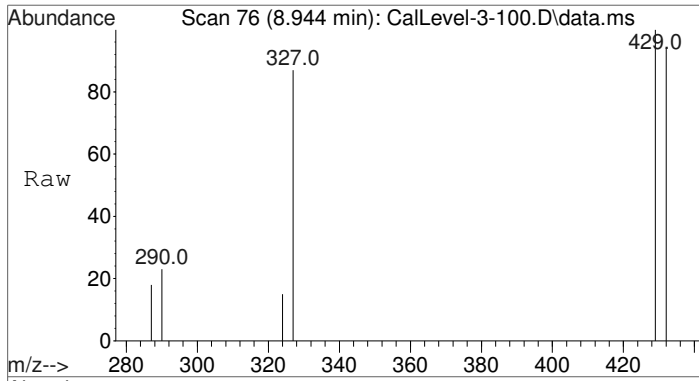
Tgt Ion	Resp	Lower	Upper
374	39289		
374	100		
237	39.9	35.3	52.9
346	21.2	16.6	24.8



#2
Codeine-TMS
Concen: 98.21 ng/mL
RT: 8.759 min Scan# 22
Delta R.T. 0.000 min
Lab File: CalLevel-3-100.D
Acq: 19 Feb 2015 18:36

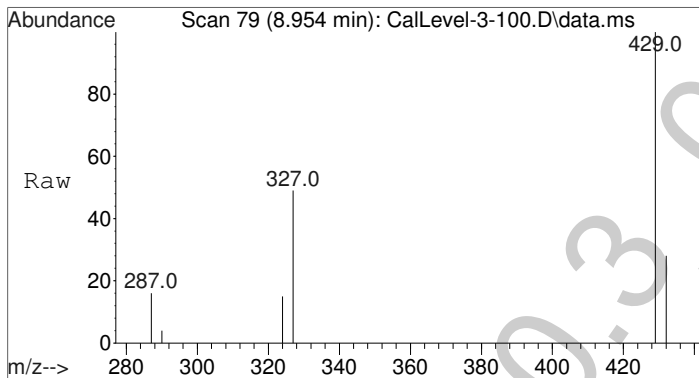
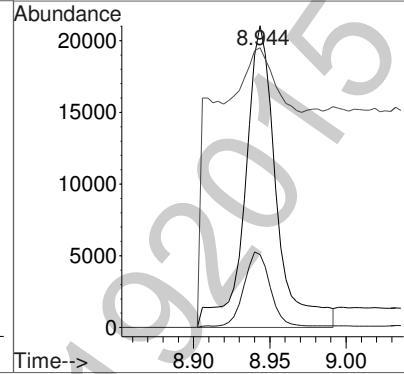
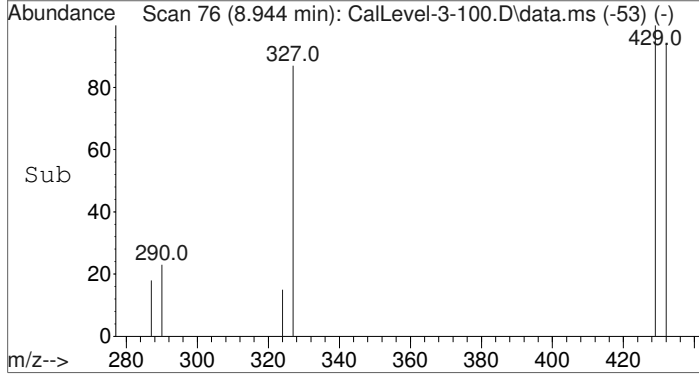
Tgt Ion	Resp	Lower	Upper
371	41293		
371	100		
234	35.1	27.8	41.8
343	26.2	17.8	26.8





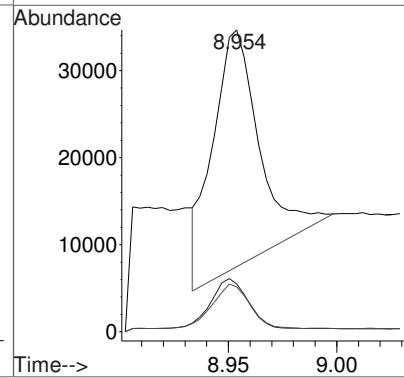
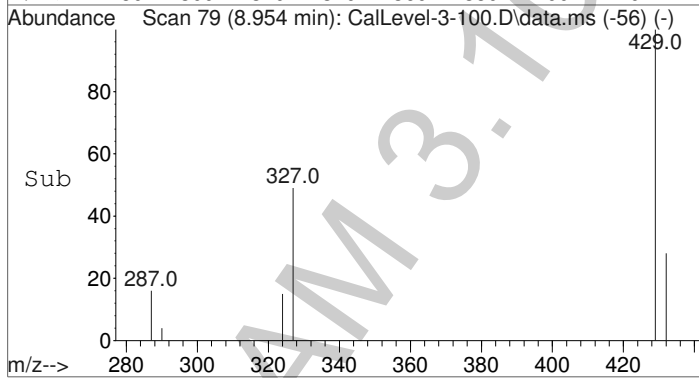
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.944 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: CalLevel-3-100.D
 Acq: 19 Feb 2015 18:36

Tgt Ion	Resp	Lower	Upper
432	30171		
432	100		
290	22.1	17.8	26.6
327	53.8	35.0	52.4#

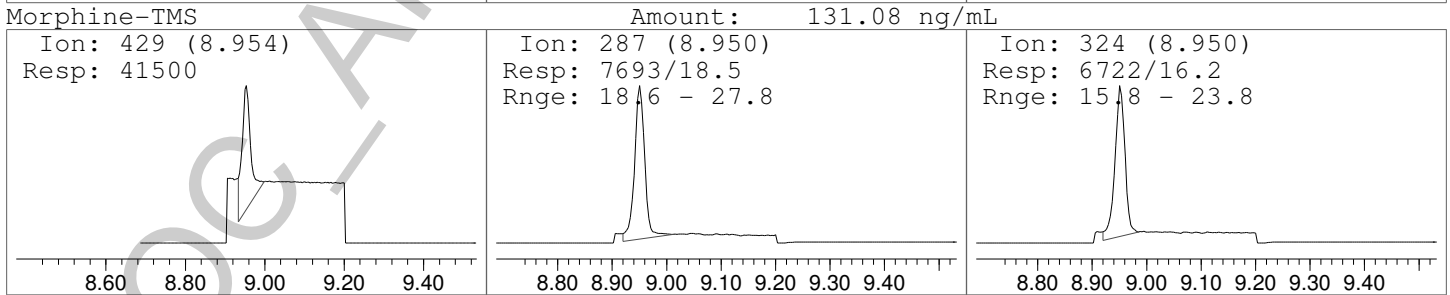
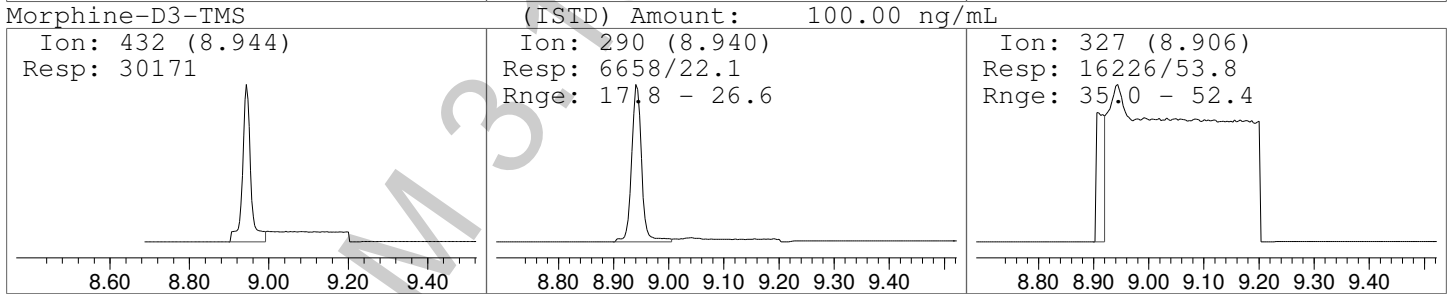
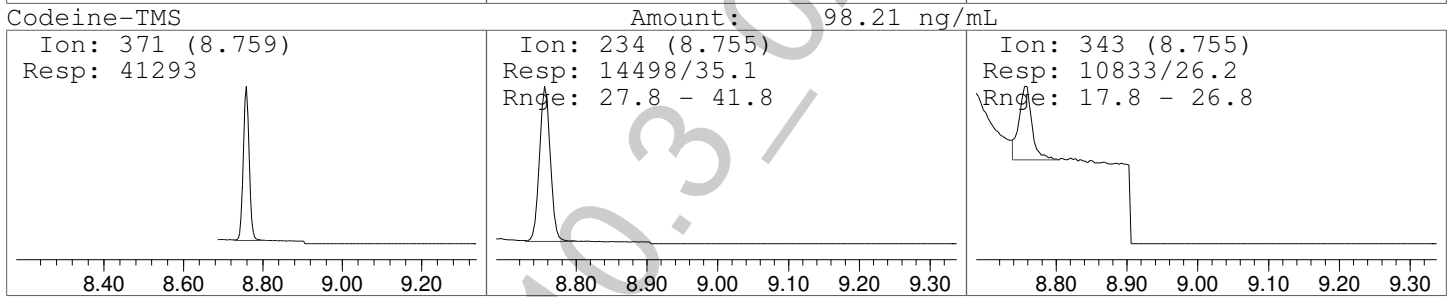
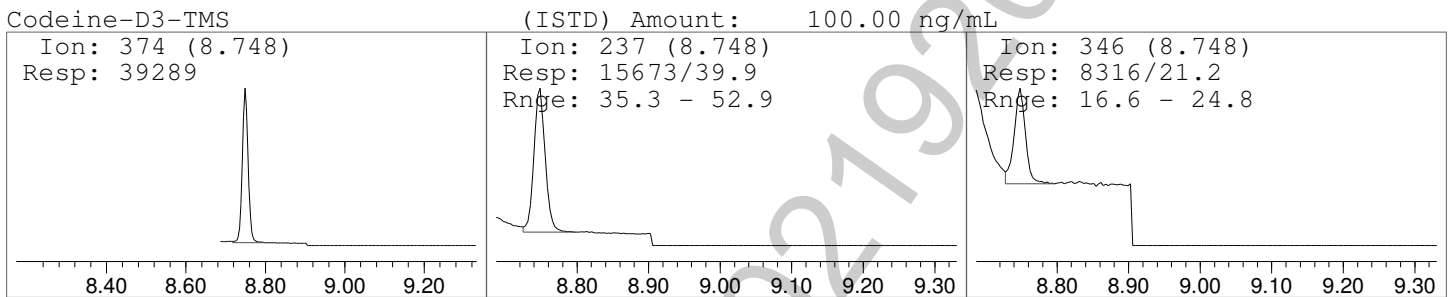
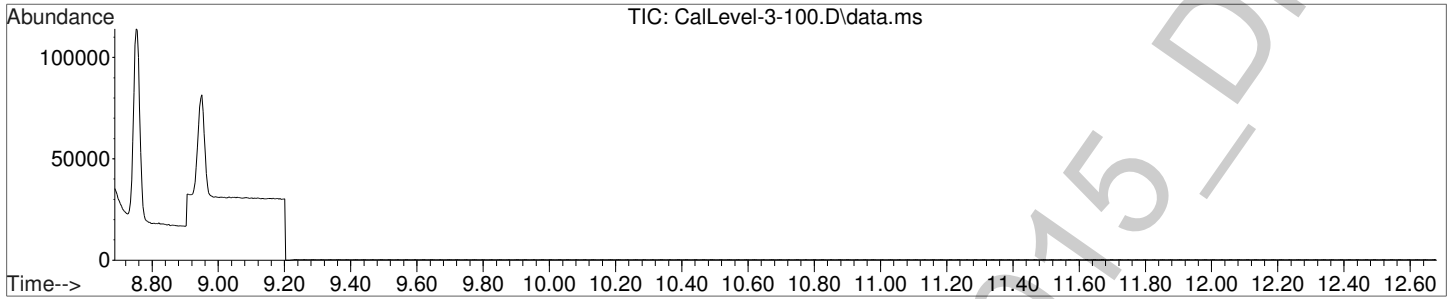


#4
 Morphine-TMS
 Concen: 131.08 ng/mL
 RT: 8.954 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: CalLevel-3-100.D
 Acq: 19 Feb 2015 18:36

Tgt Ion	Resp	Lower	Upper
429	41500		
429	100		
287	18.5	18.6	27.8#
324	16.2	15.8	23.8



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-3-100.D
 Acq On : 19 Feb 2015 18:36
 Operator : D Downey
 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\021915OP\
 Data File : CalLevel-3-100.D
 Acq On : 19 Feb 2015 18:36
 Operator : D Downey
 Sample : Calibrator Level 3: 100ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 4 Sample Multiplier: 1



Quant Time: Feb 20 10:37:37 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 Feb 20 10:36:27 2015
 Response via : Initial Calibration

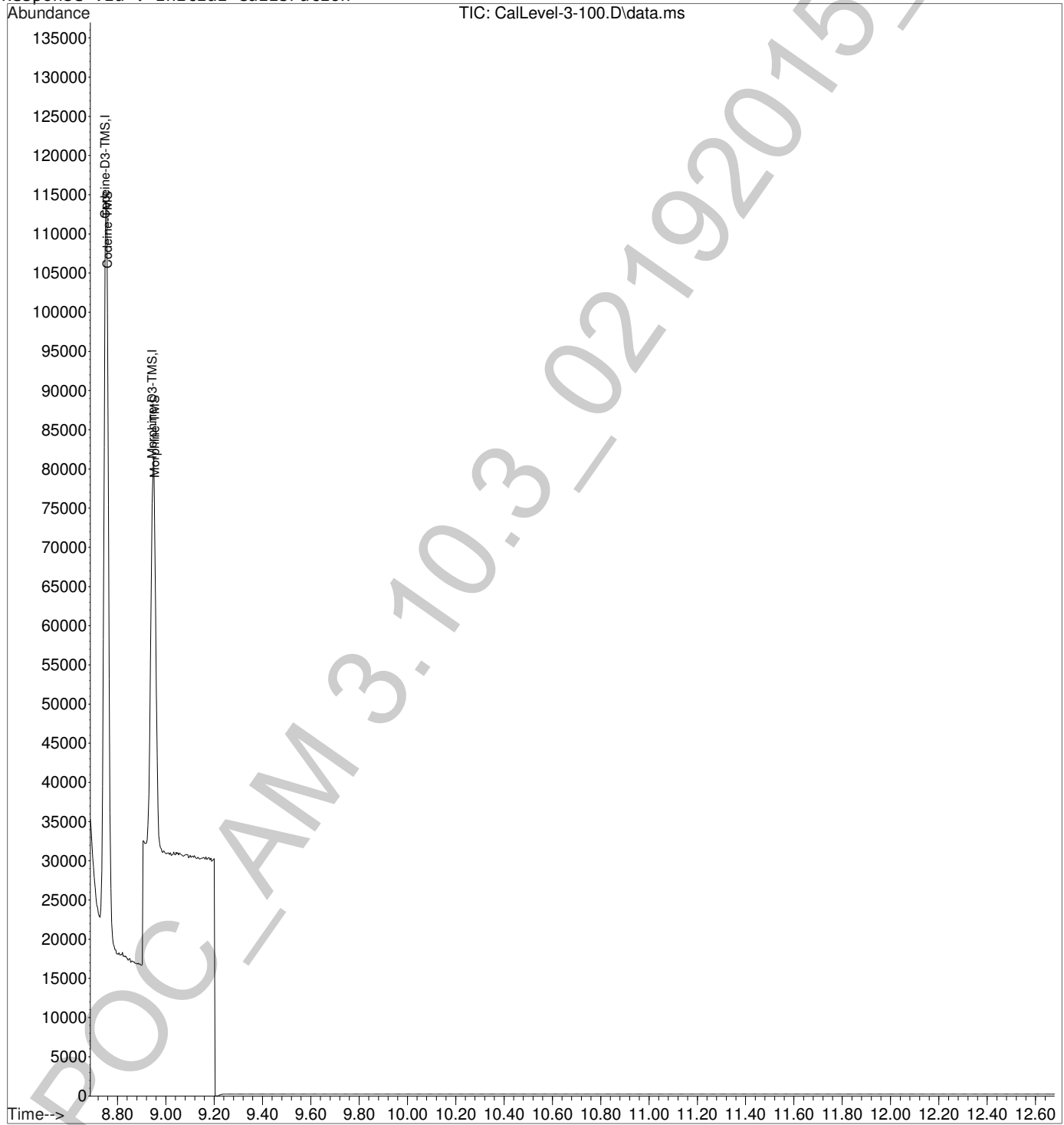
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) Codeine-D3-TMS	8.748	374	39289	100.00	ng/mL	0.00	
3) Morphine-D3-TMS	8.944	432	31037m *	100.00	ng/mL	0.00	
Target Compounds							
2) Codeine-TMS	8.759	371	41293	98.21	ng/mL		Qvalue 96
4) Morphine-TMS	8.954	429	34450m *	96.99	ng/mL		

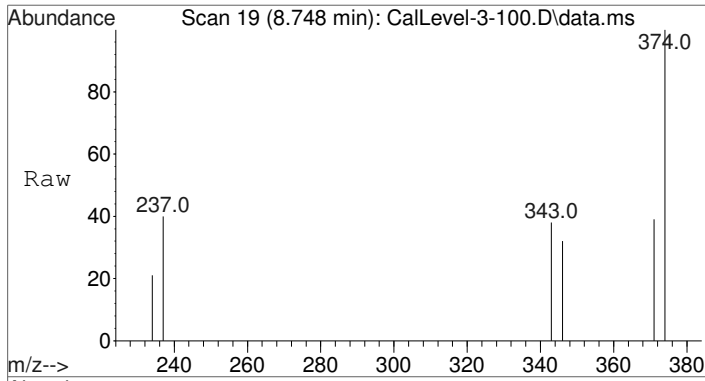
(#) = qualifier out of range (m) = manual integration (+) = signals summed

***Manual integration successful.**

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : CalLevel-3-100.D
Acq On : 19 Feb 2015 18:36
Operator : D Downey
Sample : Calibrator Level 3: 100ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 4 Sample Multiplier: 1

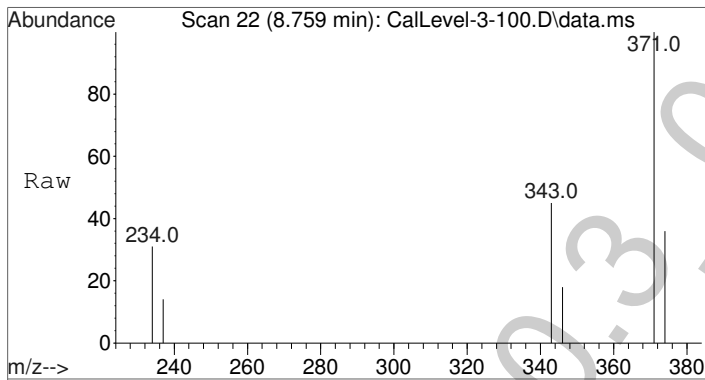
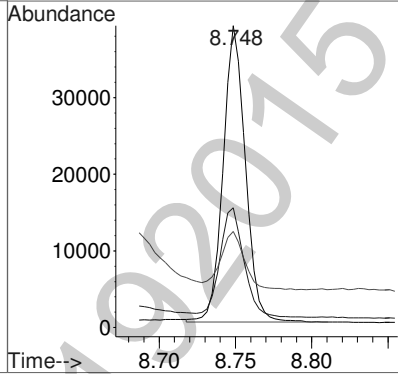
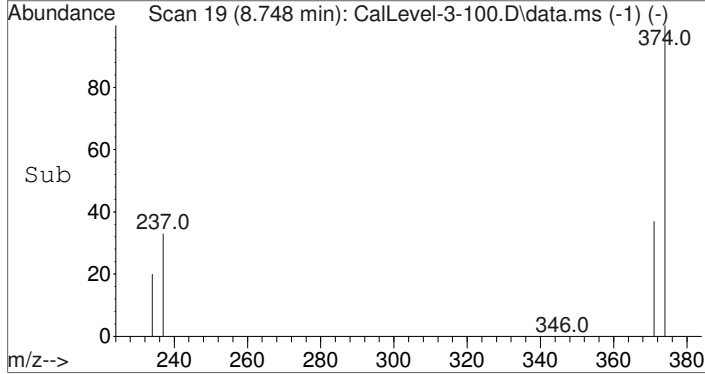
Quant Time: Feb 20 10:37:37 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:36:27 2015
Response via : Initial Calibration





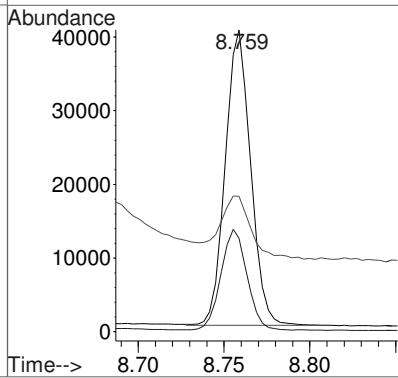
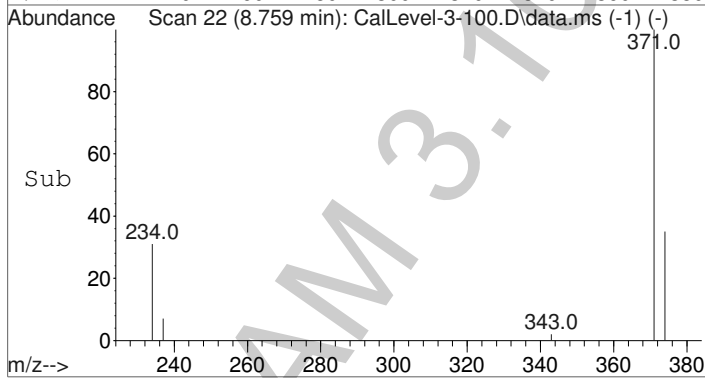
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.748 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: CalLevel-3-100.D
 Acq: 19 Feb 2015 18:36

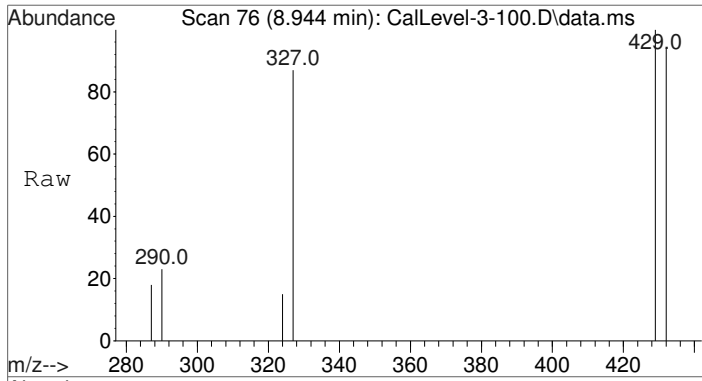
Tgt Ion	Resp	Lower	Upper
374	39289		
374	100		
237	39.9	35.3	52.9
346	21.2	16.6	24.8



#2
 Codeine-TMS
 Concen: 98.21 ng/mL
 RT: 8.759 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: CalLevel-3-100.D
 Acq: 19 Feb 2015 18:36

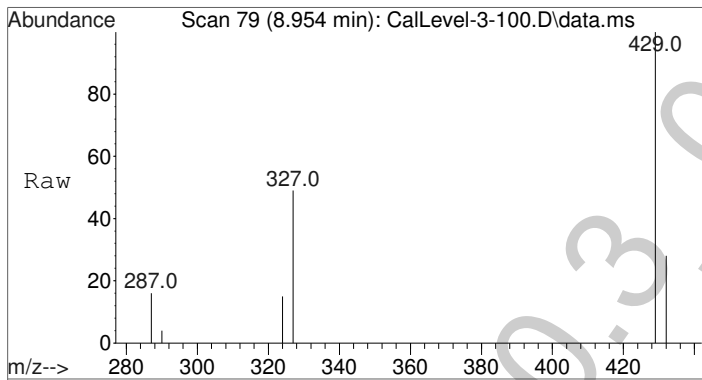
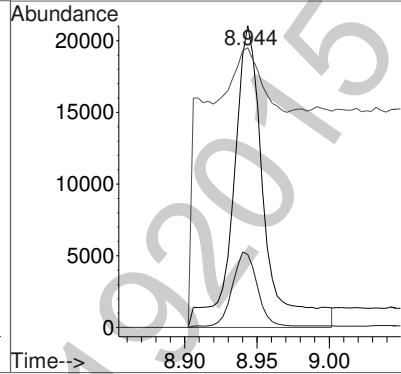
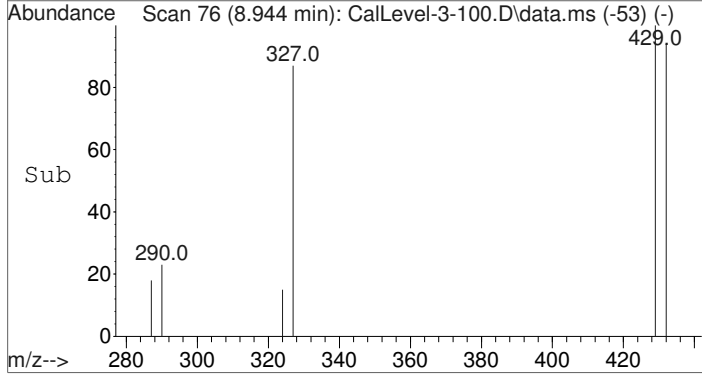
Tgt Ion	Resp	Lower	Upper
371	41293		
371	100		
234	35.1	27.8	41.8
343	26.2	17.8	26.8





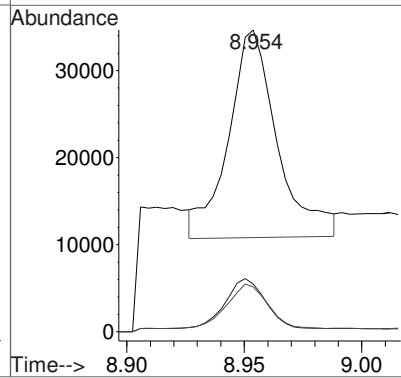
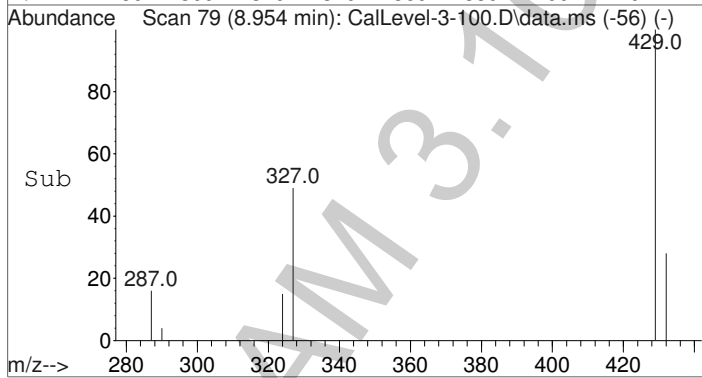
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL m
 RT: 8.944 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: CalLevel-3-100.D
 Acq: 19 Feb 2015 18:36

Tgt Ion	Resp	Lower	Upper
432	31037		
432	100		
290	21.5	17.8	26.6
327	52.3	35.0	52.4

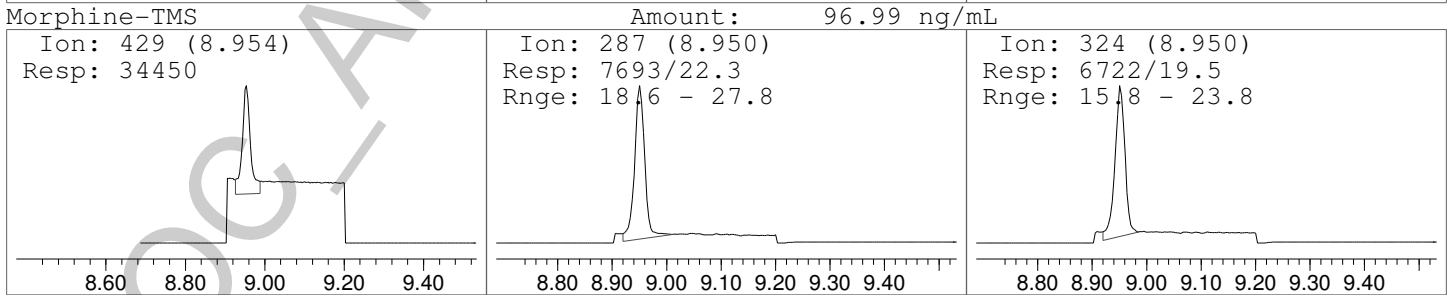
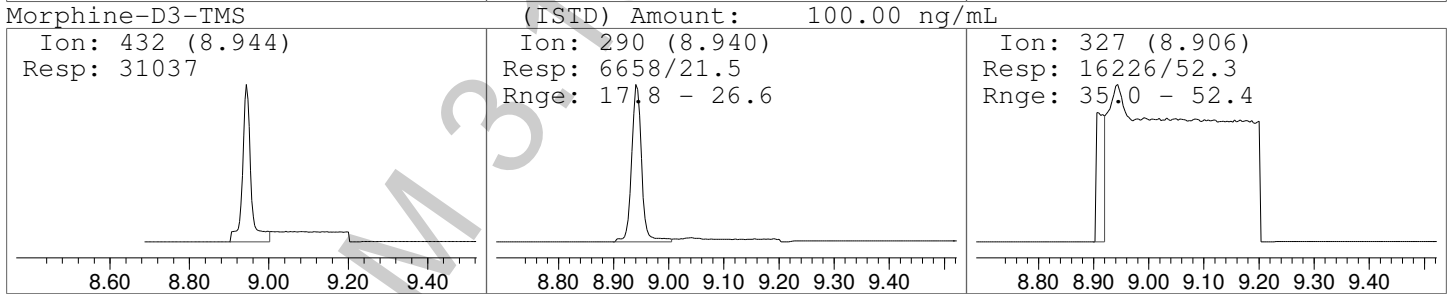
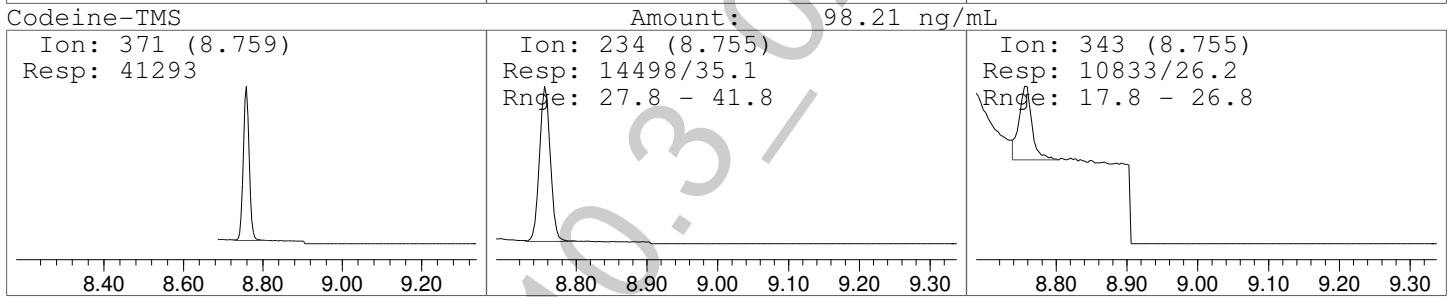
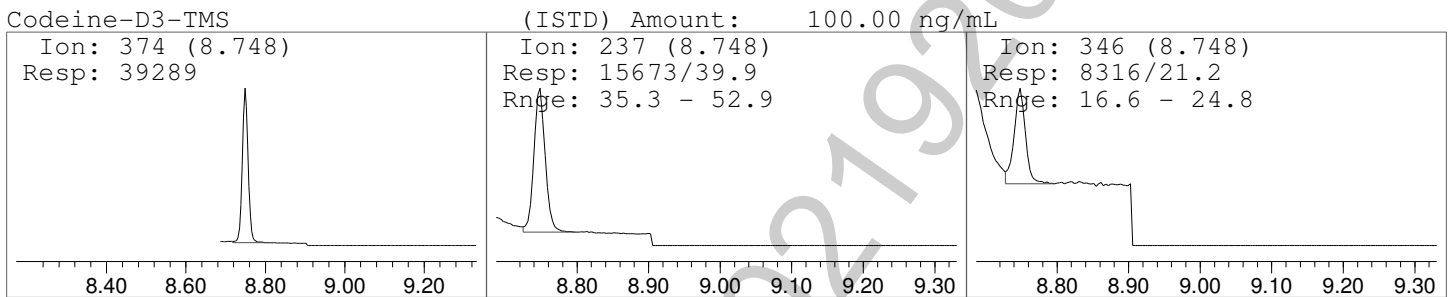
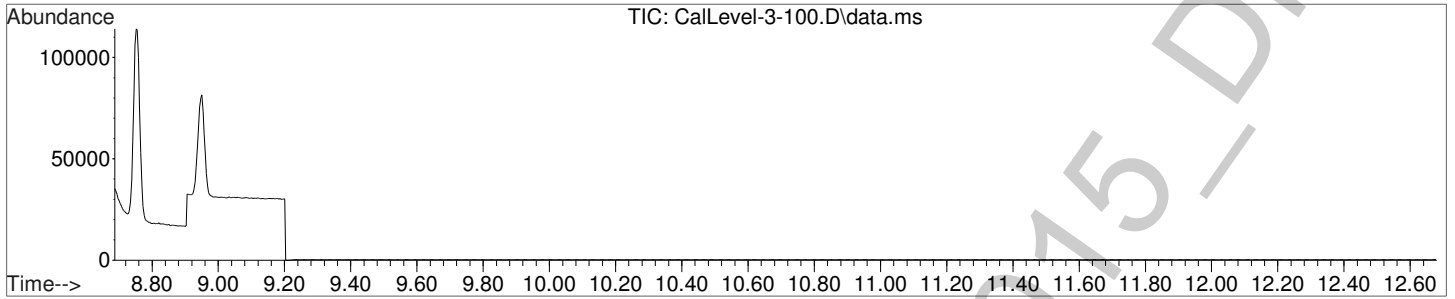


#4
 Morphine-TMS
 Concen: 96.99 ng/mL m
 RT: 8.954 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: CalLevel-3-100.D
 Acq: 19 Feb 2015 18:36

Tgt Ion	Resp	Lower	Upper
429	34450		
429	100		
287	22.3	18.6	27.8
324	19.5	15.8	23.8



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-3-100.D
 Acq On : 19 Feb 2015 18:36
 Operator : D Downey
 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\021915OP\
 Data File : CalLevel-4-250.D
 Acq On : 19 Feb 2015 18:55
 Operator : D Downey
 Sample : Calibrator Level 4: 250ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 5 Sample Multiplier: 1



Quant Time: Feb 20 10:37:43 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 Feb 20 10:36:27 2015
 Response via : Initial Calibration

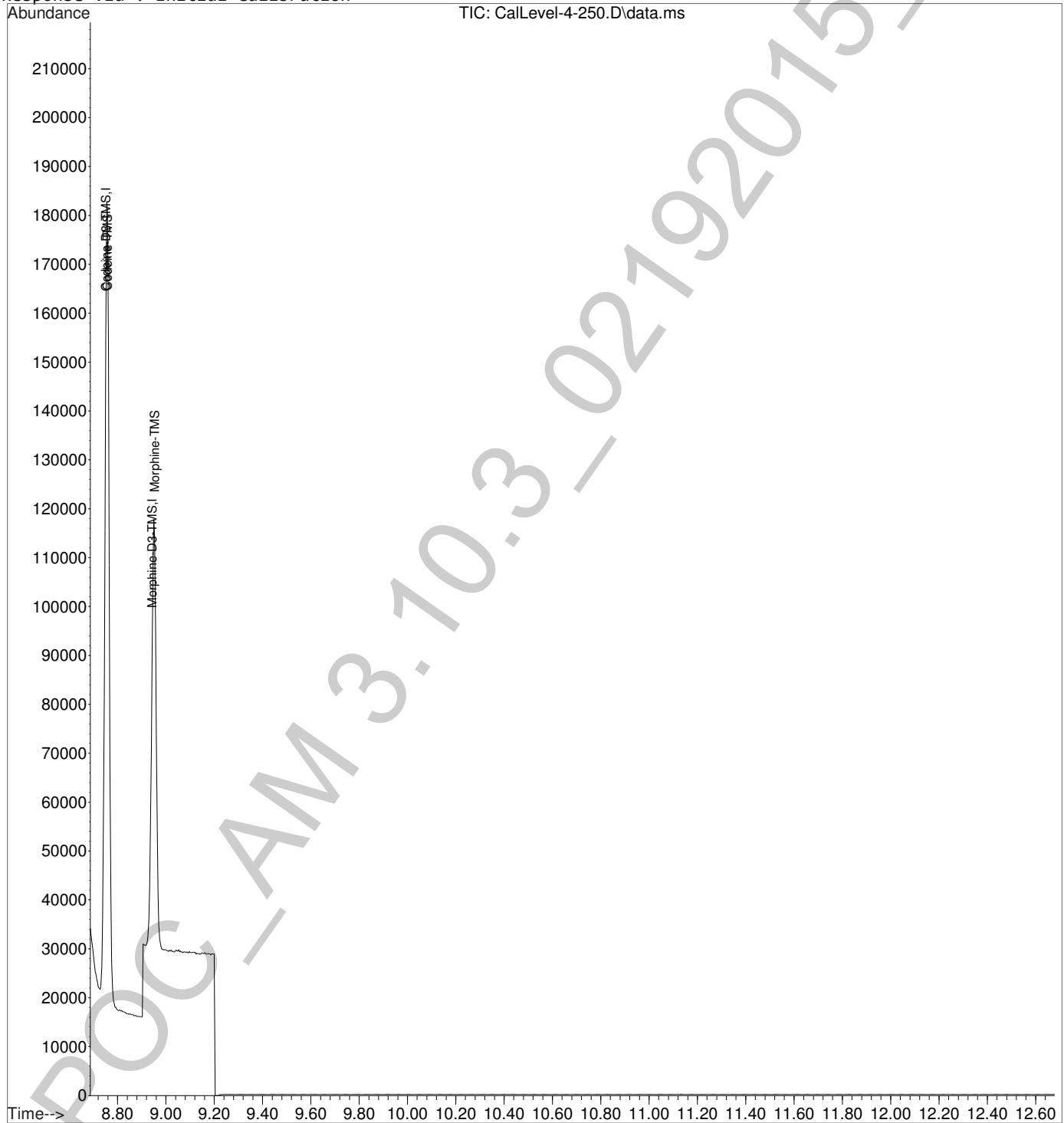
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.752	374	37002	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.943	432	28295	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.758	371	94485	257.75	ng/mL	100
4) Morphine-TMS	8.953	429	68141	263.66	ng/mL	100

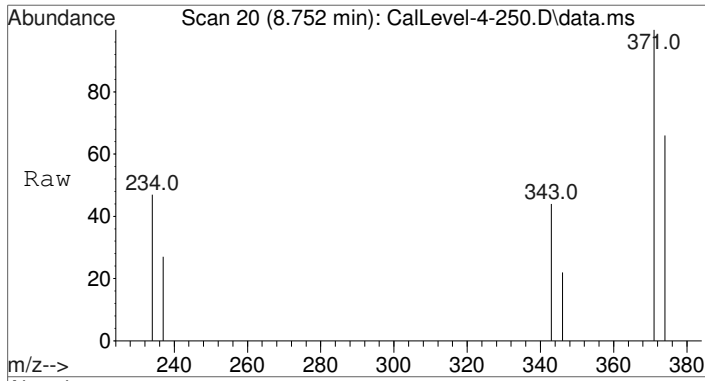
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : CalLevel-4-250.D
Acq On : 19 Feb 2015 18:55
Operator : D Downey
Sample : Calibrator Level 4: 250ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 5 Sample Multiplier: 1

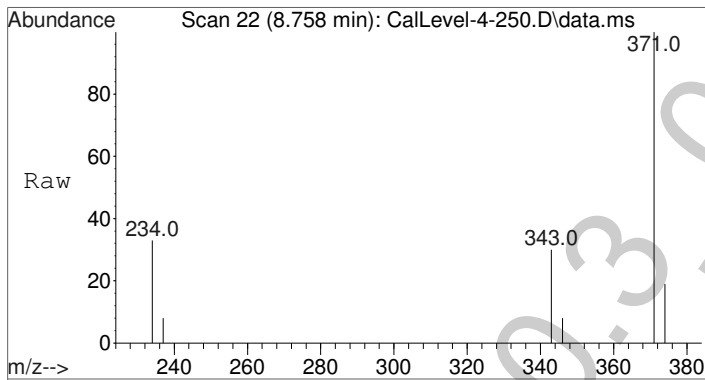
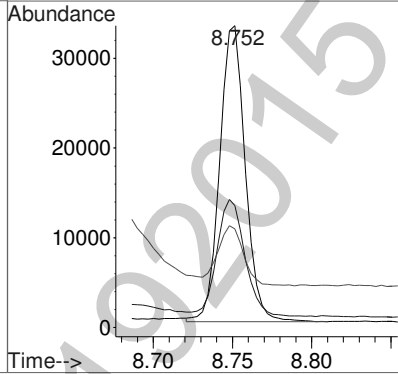
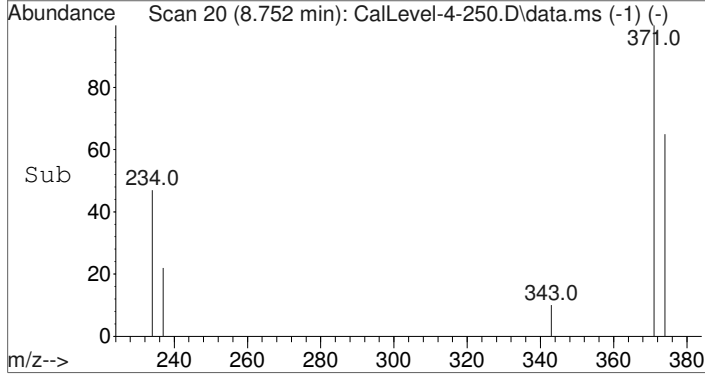
Quant Time: Feb 20 10:37:43 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:36:27 2015
Response via : Initial Calibration





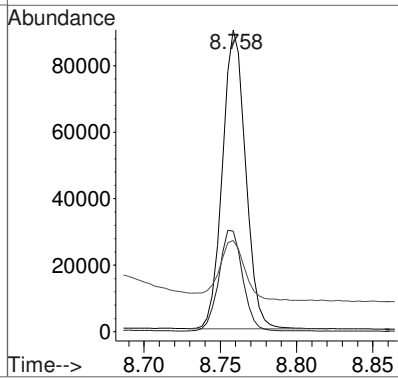
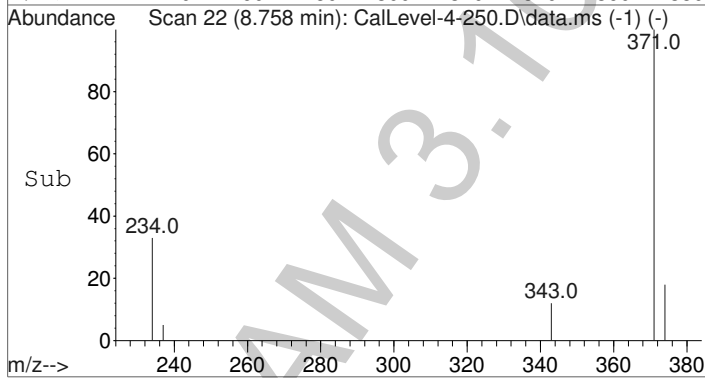
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.752 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: CalLevel-4-250.D
 Acq: 19 Feb 2015 18:55

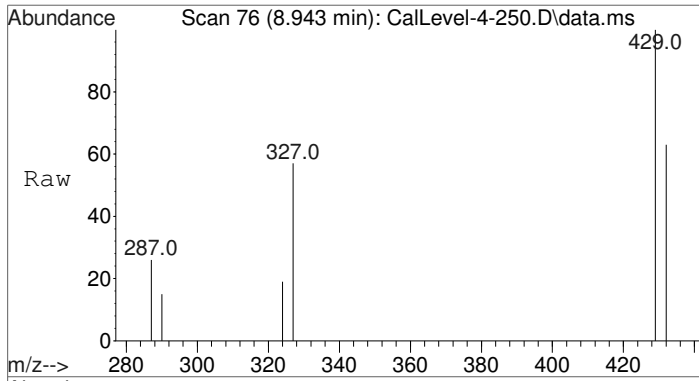
Tgt Ion	Resp	Lower	Upper
374	37002		
374	100		
237	44.1	35.3	52.9
346	20.7	16.6	24.8



#2
 Codeine-TMS
 Concen: 257.75 ng/mL
 RT: 8.758 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: CalLevel-4-250.D
 Acq: 19 Feb 2015 18:55

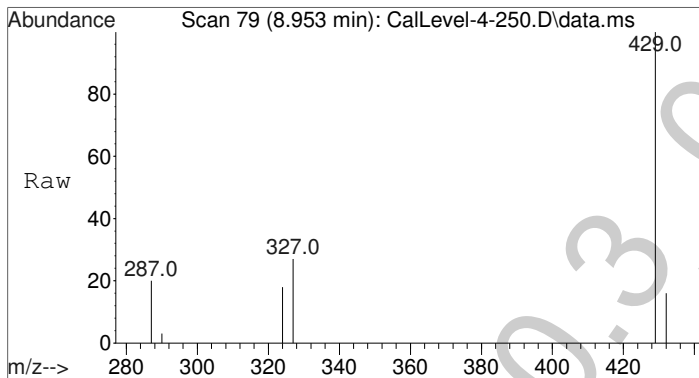
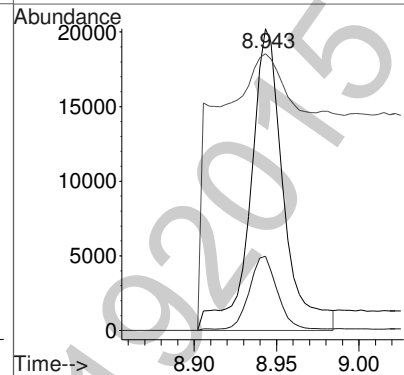
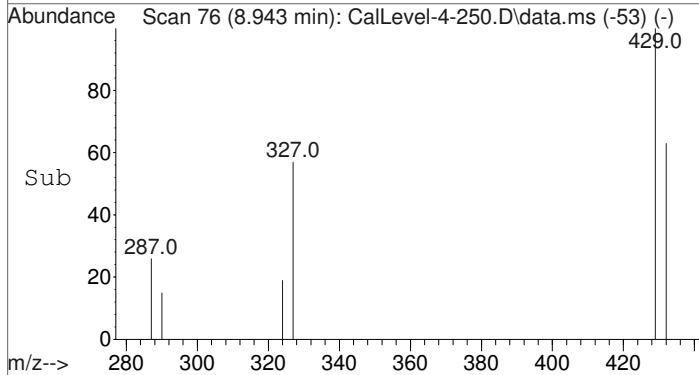
Tgt Ion	Resp	Lower	Upper
371	94485		
371	100		
234	34.8	27.8	41.8
343	22.3	17.8	26.8





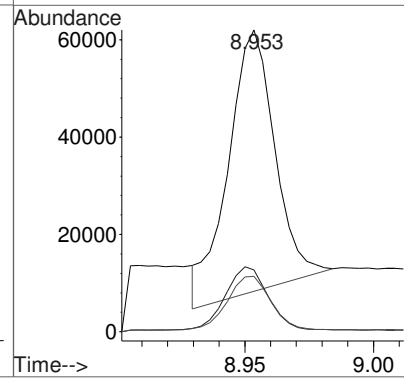
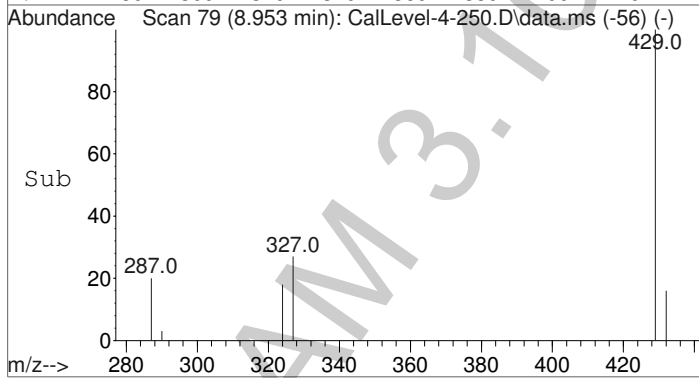
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.943 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: CalLevel-4-250.D
 Acq: 19 Feb 2015 18:55

Tgt Ion	Resp	Lower	Upper
432	28295		
432	100		
290	22.2	17.8	26.6
327	43.7	35.0	52.4

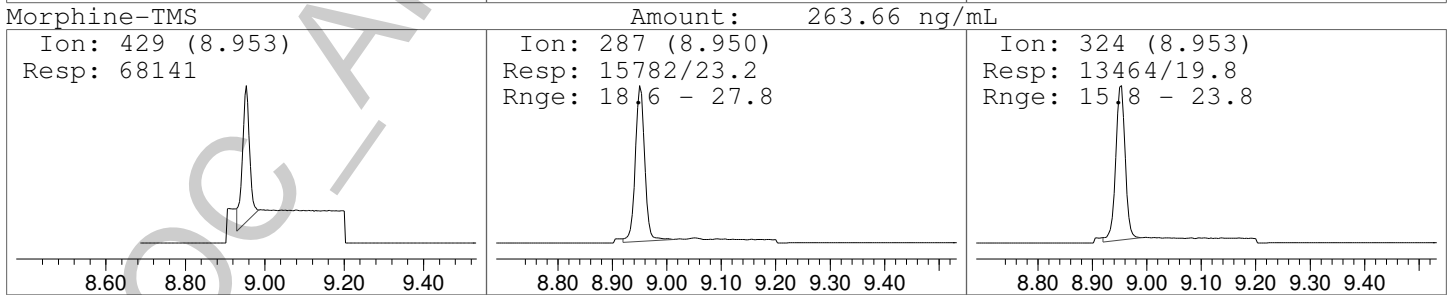
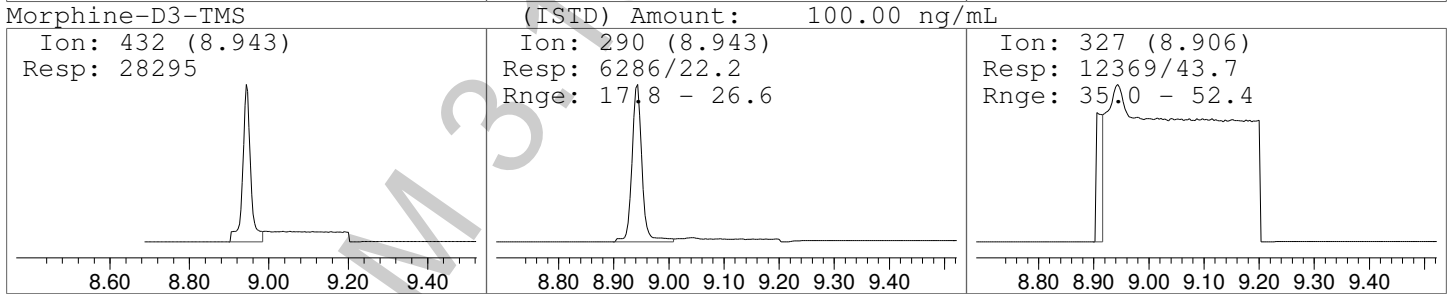
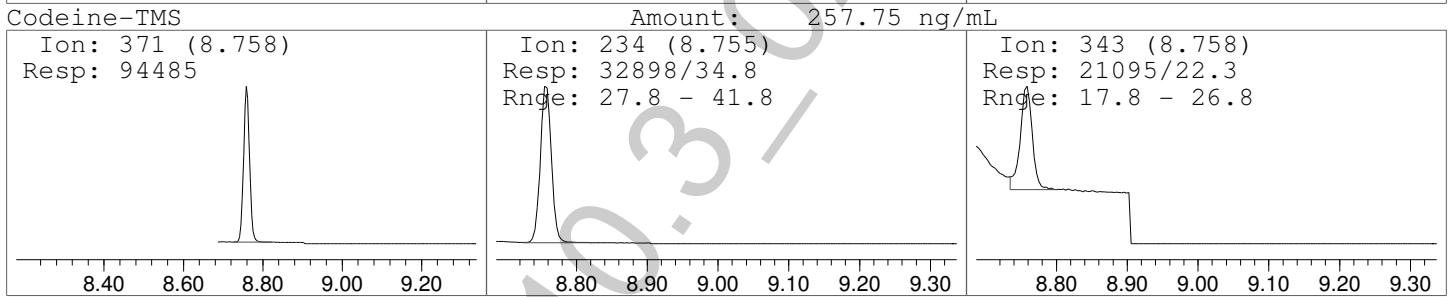
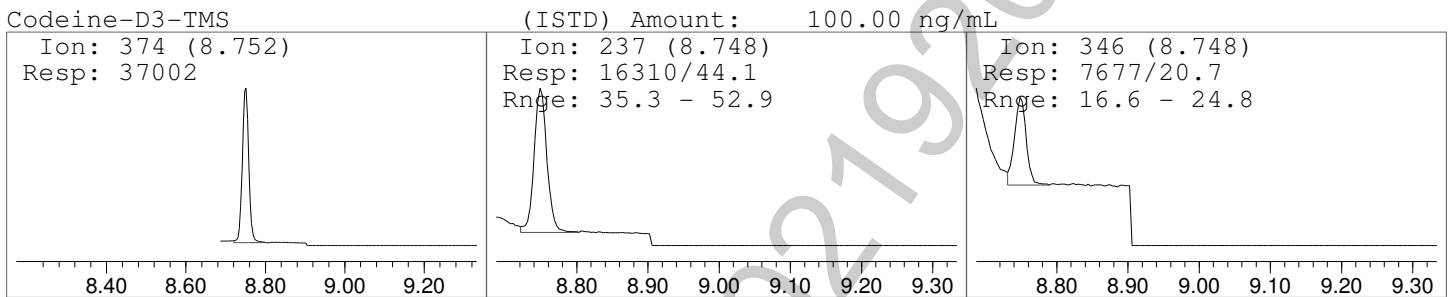
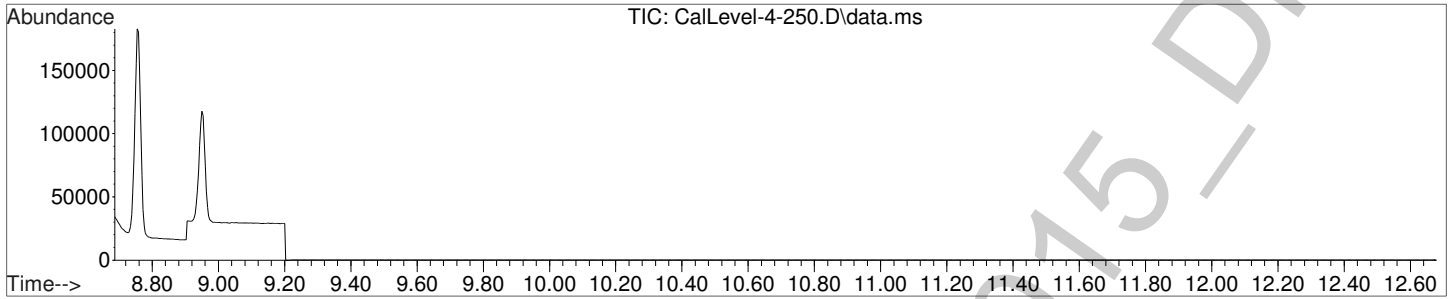


#4
 Morphine-TMS
 Concen: 263.66 ng/mL
 RT: 8.953 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: CalLevel-4-250.D
 Acq: 19 Feb 2015 18:55

Tgt Ion	Resp	Lower	Upper
429	68141		
429	100		
287	23.2	18.6	27.8
324	19.8	15.8	23.8



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-4-250.D
 Acq On : 19 Feb 2015 18:55
 Operator : D Downey
 Sample : Calibrator Level 4: 250ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 5 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-5-500.D
 Acq On : 19 Feb 2015 19:13
 Operator : D Downey
 Sample : Calibrator Level 5: 500ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 6 Sample Multiplier: 1



Quant Time: Feb 20 10:37:50 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 Feb 20 10:36:27 2015
 Response via : Initial Calibration

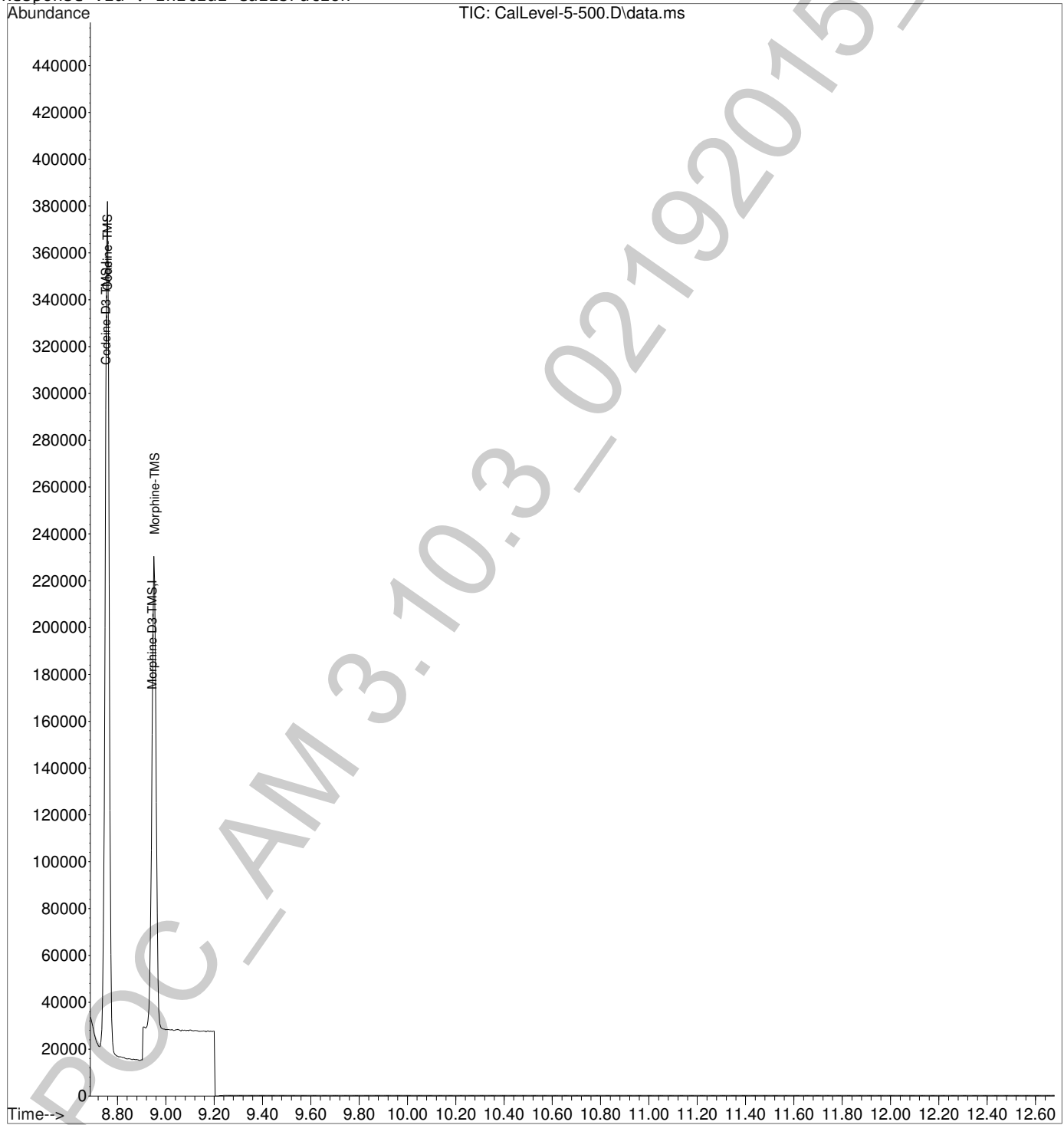
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.752	374	44541	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.944	432	34436	100.00	ng/mL * #	0.00
Target Compounds						
2) Codeine-TMS	8.759	371	225869	525.06	ng/mL	Qvalue 98
4) Morphine-TMS	8.954	429	150841	516.85	ng/mL	96

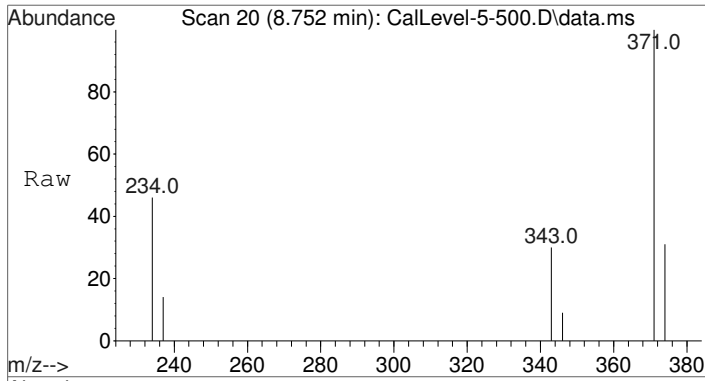
(#) = qualifier out of range (m) = manual integration (+) = signals summed

*Refer to manual integration.

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : CalLevel-5-500.D
Acq On : 19 Feb 2015 19:13
Operator : D Downey
Sample : Calibrator Level 5: 500ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 6 Sample Multiplier: 1

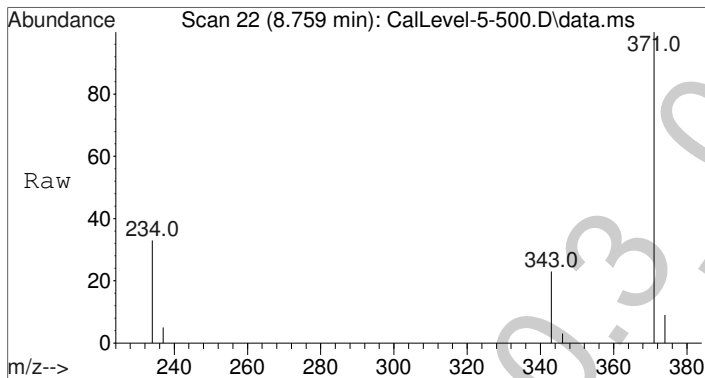
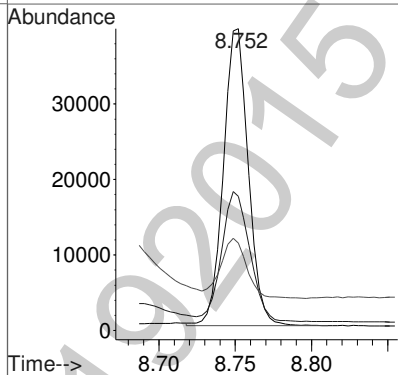
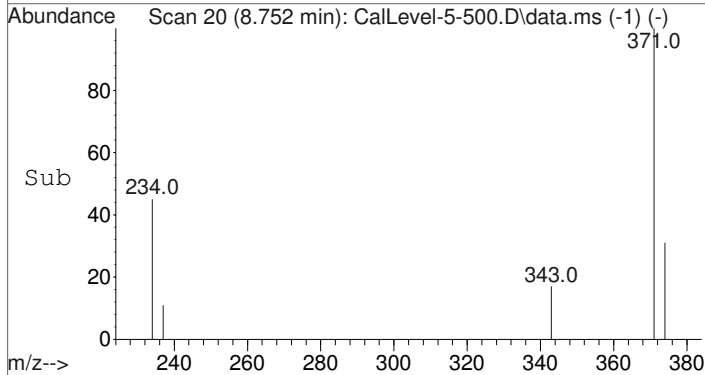
Quant Time: Feb 20 10:37:50 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:36:27 2015
Response via : Initial Calibration





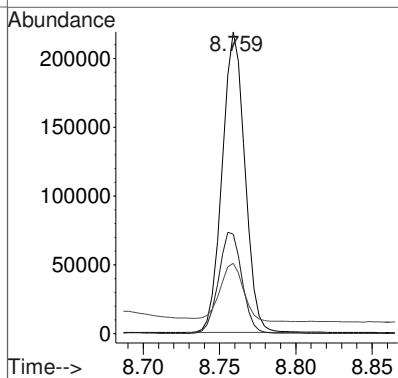
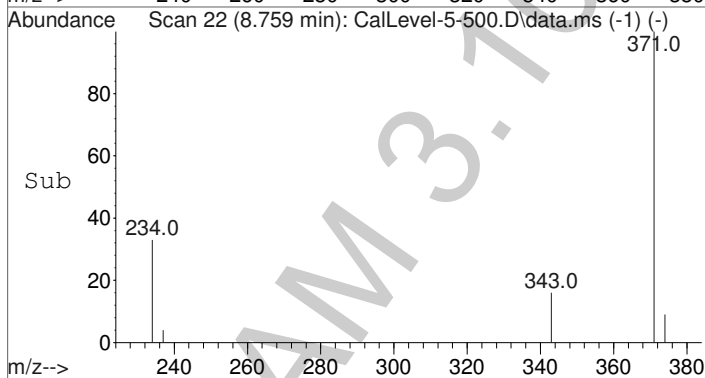
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.752 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: CalLevel-5-500.D
 Acq: 19 Feb 2015 19:13

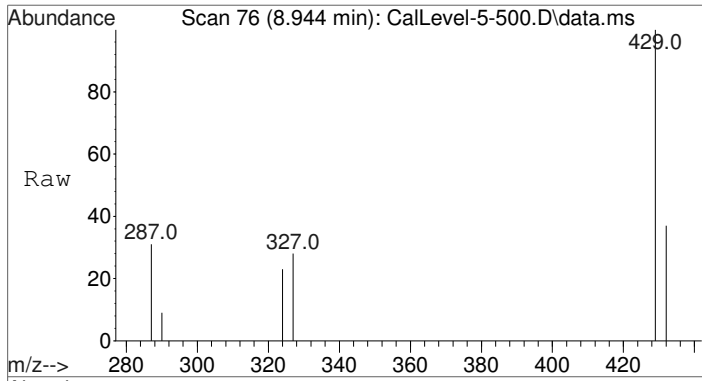
Tgt Ion	Resp	Lower	Upper
374	44541		
374	100		
237	49.7	35.3	52.9
346	21.3	16.6	24.8



#2
 Codeine-TMS
 Concen: 525.06 ng/mL
 RT: 8.759 min Scan# 22
 Delta R.T. 0.001 min
 Lab File: CalLevel-5-500.D
 Acq: 19 Feb 2015 19:13

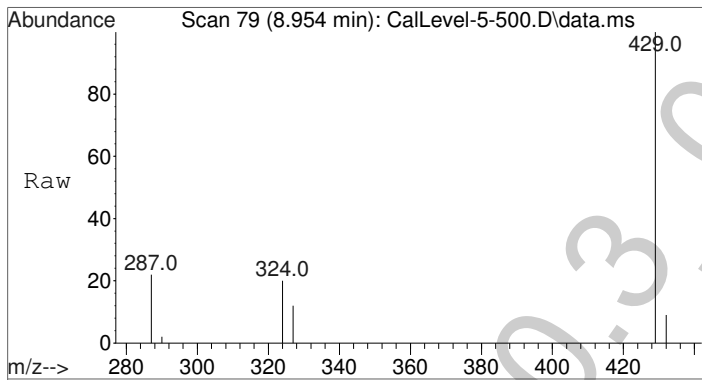
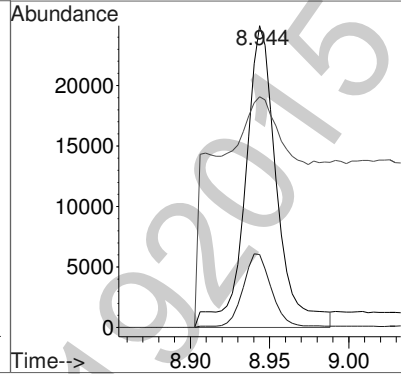
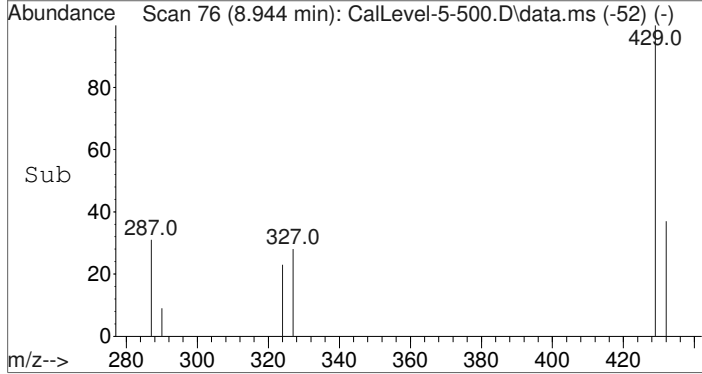
Tgt Ion	Resp	Lower	Upper
371	225869		
371	100		
234	34.6	27.8	41.8
343	20.3	17.8	26.8





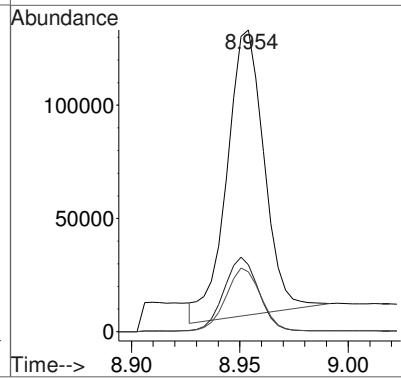
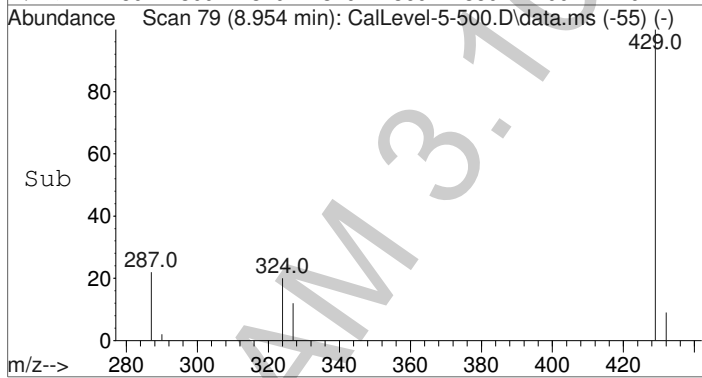
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.944 min Scan# 76
 Delta R.T. 0.001 min
 Lab File: CalLevel-5-500.D
 Acq: 19 Feb 2015 19:13

Tgt Ion	Resp	Lower	Upper
432	34436		
432	100		
290	22.6	17.8	26.6
327	34.1	35.0	52.4#

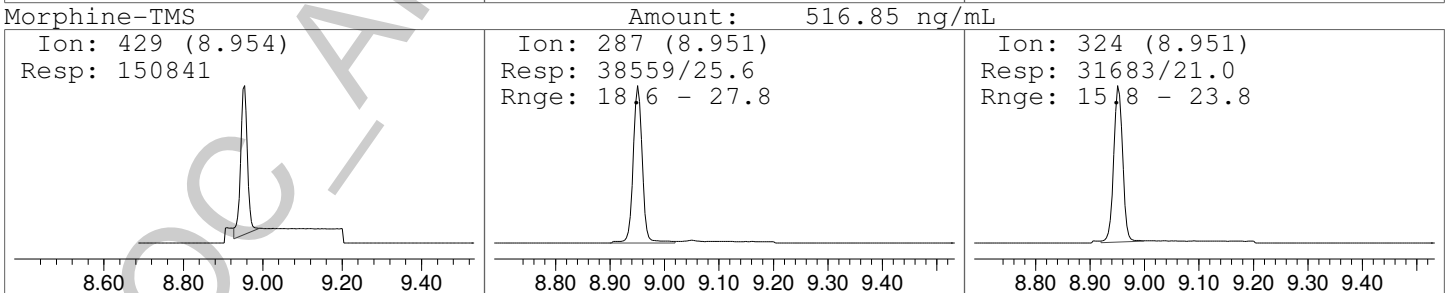
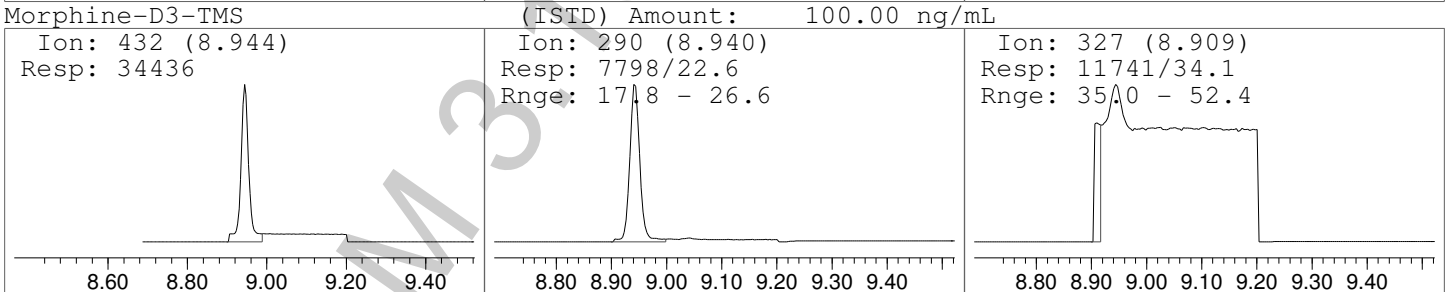
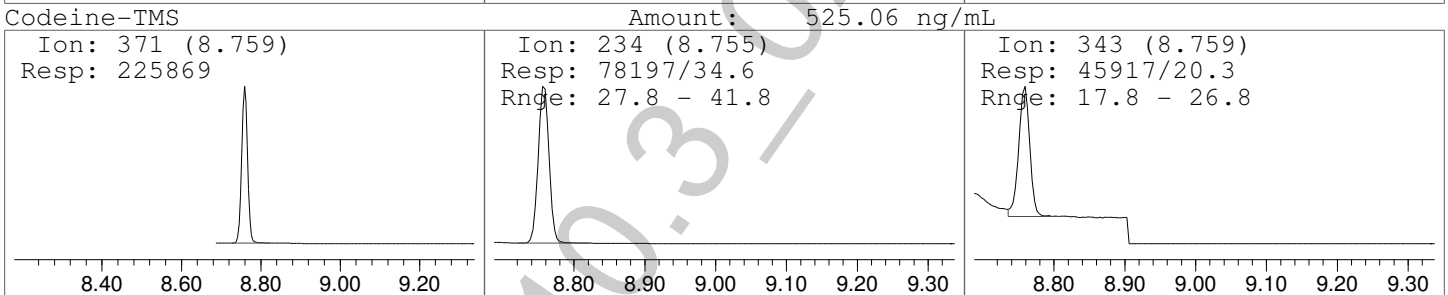
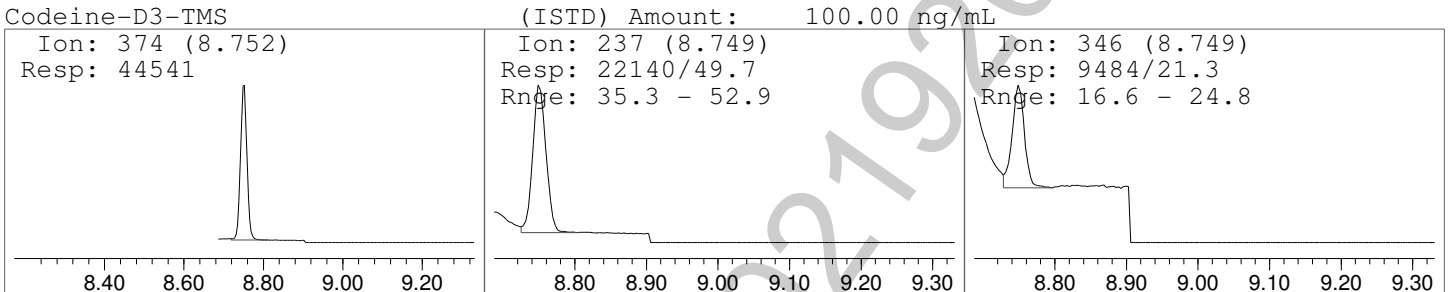
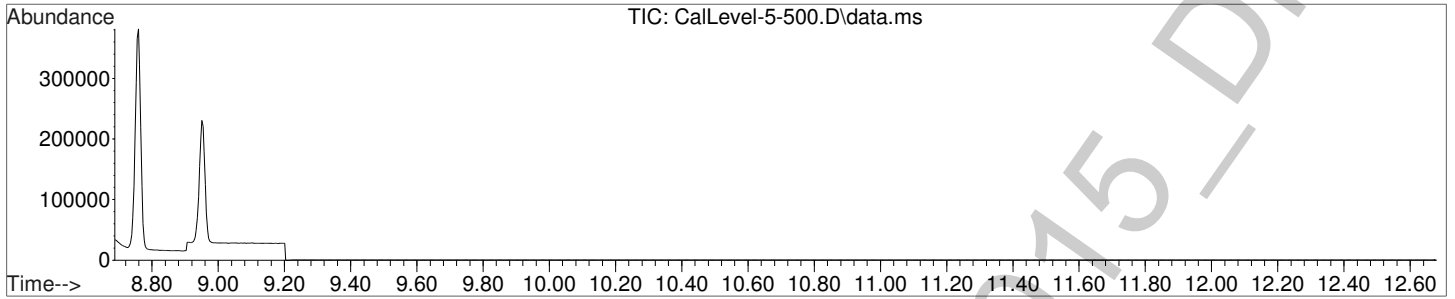


#4
 Morphine-TMS
 Concen: 516.85 ng/mL
 RT: 8.954 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: CalLevel-5-500.D
 Acq: 19 Feb 2015 19:13

Tgt Ion	Resp	Lower	Upper
429	150841		
429	100		
287	25.6	18.6	27.8
324	21.0	15.8	23.8



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-5-500.D
 Acq On : 19 Feb 2015 19:13
 Operator : D Downey
 Sample : Calibrator Level 5: 500ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 6 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-5-500.D
 Acq On : 19 Feb 2015 19:13
 Operator : D Downey
 Sample : Calibrator Level 5: 500ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 6 Sample Multiplier: 1



Quant Time: Feb 20 10:37:50 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 Feb 20 10:36:27 2015
 Response via : Initial Calibration

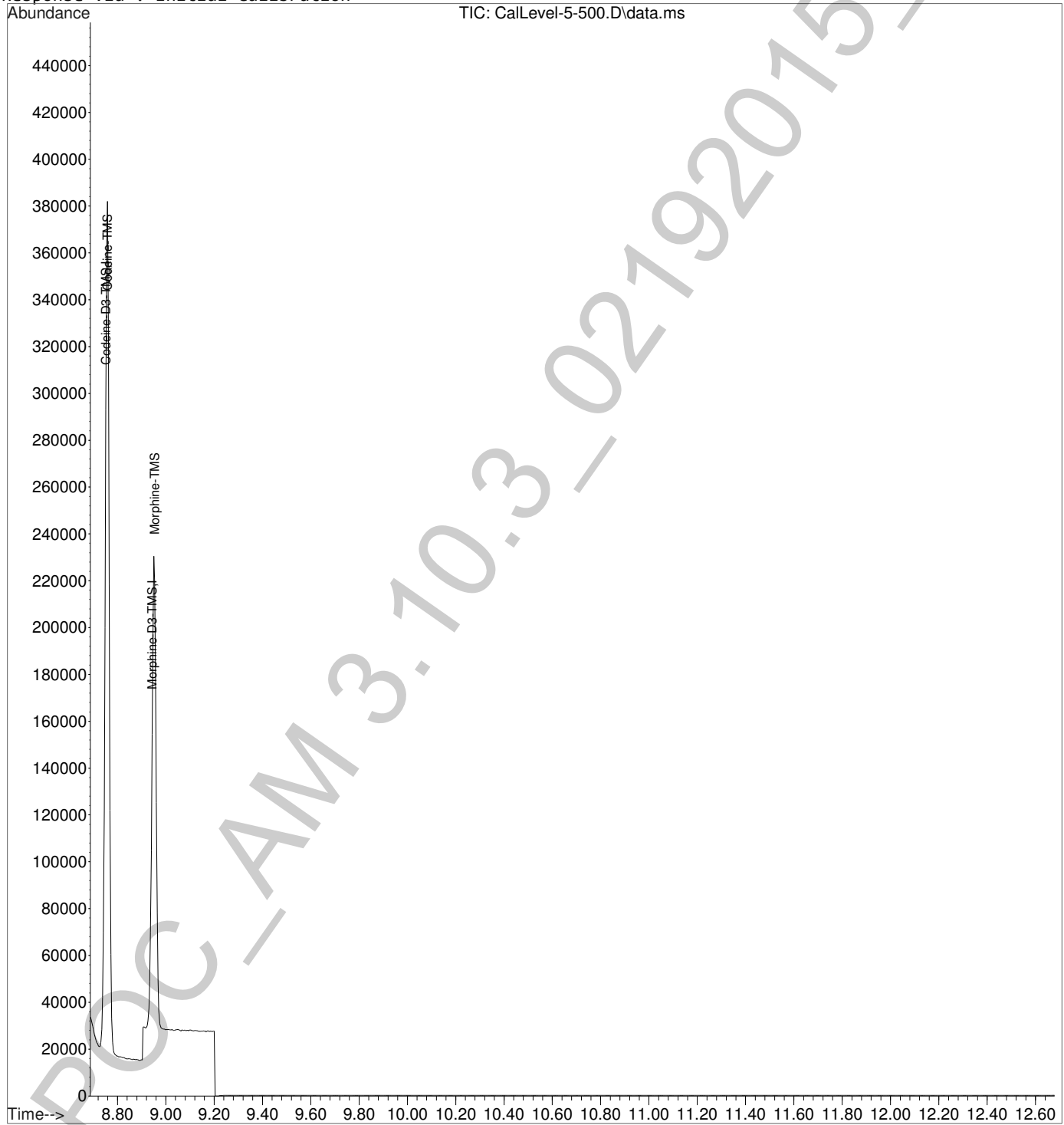
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.752	374	44541	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.944	432	30651m*	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.759	371	225869	525.06	ng/mL	98
4) Morphine-TMS	8.954	429	148214m	575.29	ng/mL	

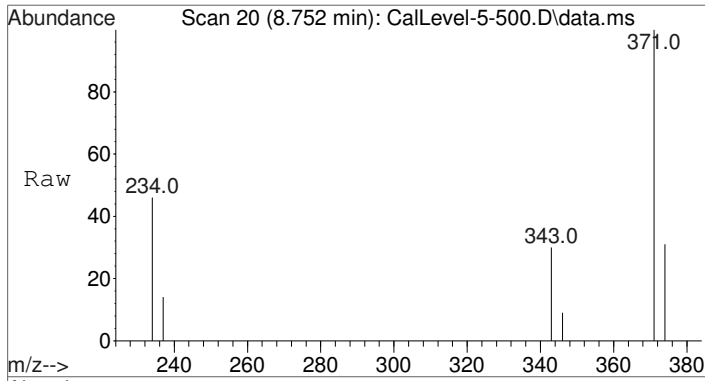
(#) = qualifier out of range (m) = manual integration (+) = signals summed

*Manual integration successful.

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : CalLevel-5-500.D
Acq On : 19 Feb 2015 19:13
Operator : D Downey
Sample : Calibrator Level 5: 500ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 6 Sample Multiplier: 1

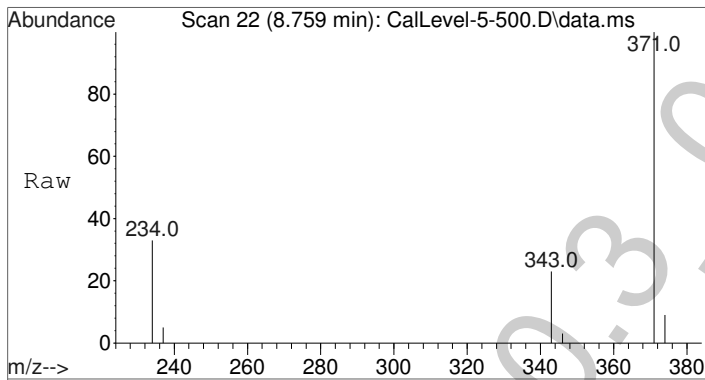
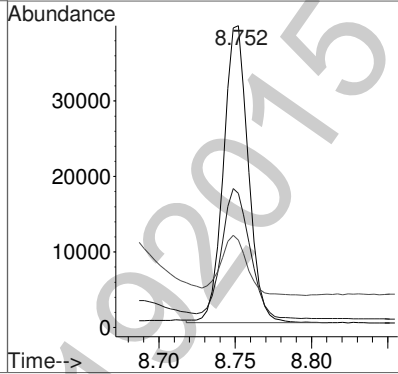
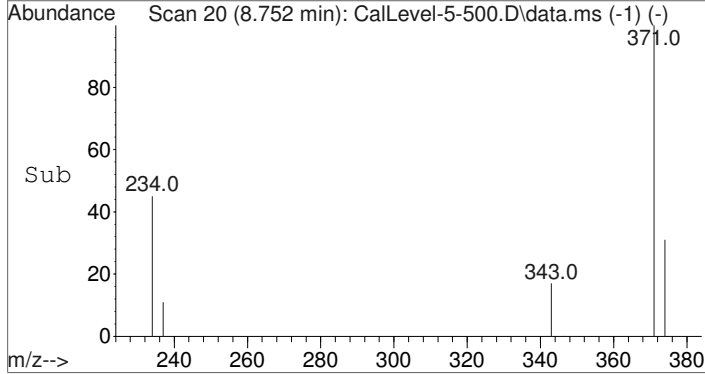
Quant Time: Feb 20 10:37:50 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:36:27 2015
Response via : Initial Calibration





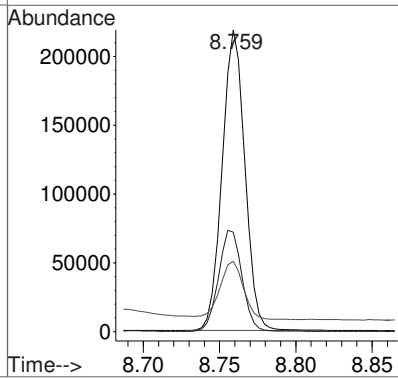
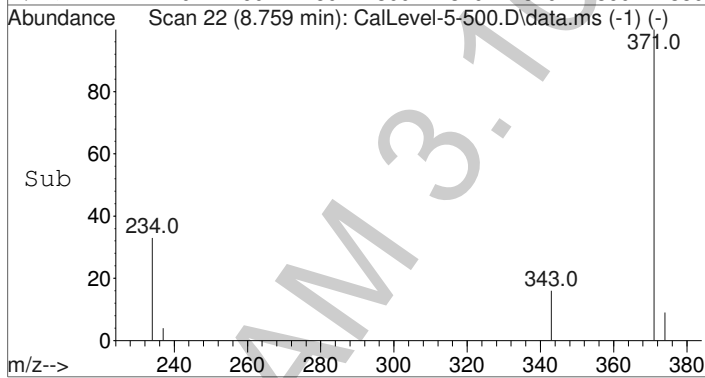
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.752 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: CalLevel-5-500.D
 Acq: 19 Feb 2015 19:13

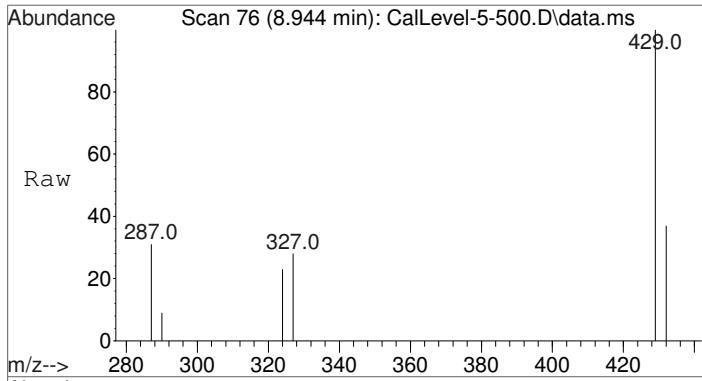
Tgt Ion	Resp	Lower	Upper
374	44541		
374	100		
237	49.7	35.3	52.9
346	21.3	16.6	24.8



#2
 Codeine-TMS
 Concen: 525.06 ng/mL
 RT: 8.759 min Scan# 22
 Delta R.T. 0.001 min
 Lab File: CalLevel-5-500.D
 Acq: 19 Feb 2015 19:13

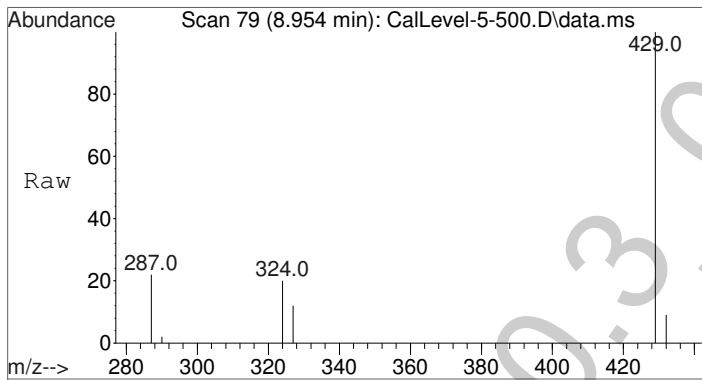
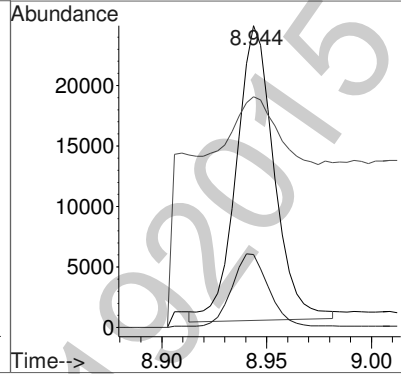
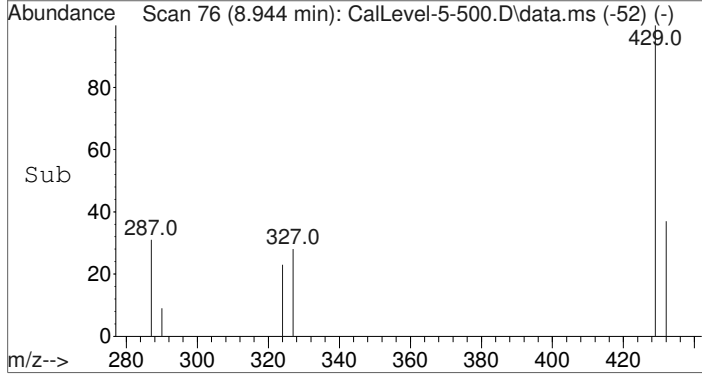
Tgt Ion	Resp	Lower	Upper
371	225869		
371	100		
234	34.6	27.8	41.8
343	20.3	17.8	26.8





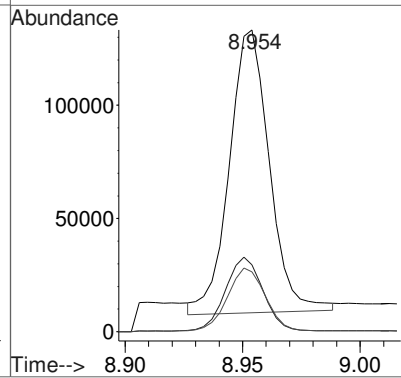
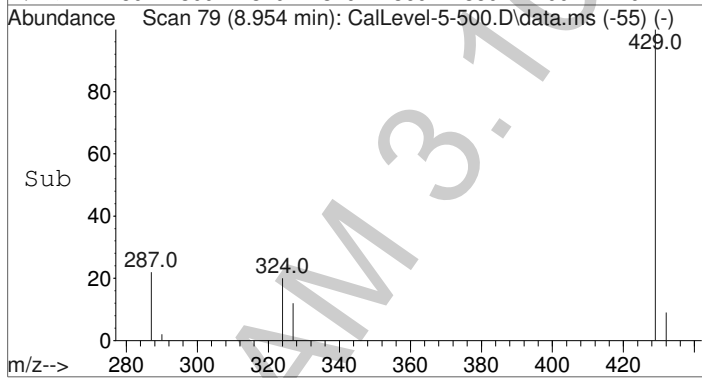
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL m
 RT: 8.944 min Scan# 76
 Delta R.T. 0.001 min
 Lab File: CalLevel-5-500.D
 Acq: 19 Feb 2015 19:13

Tgt Ion	Resp	Lower	Upper
432	30651		
432	100		
290	25.4	17.8	26.6
327	38.3	35.0	52.4

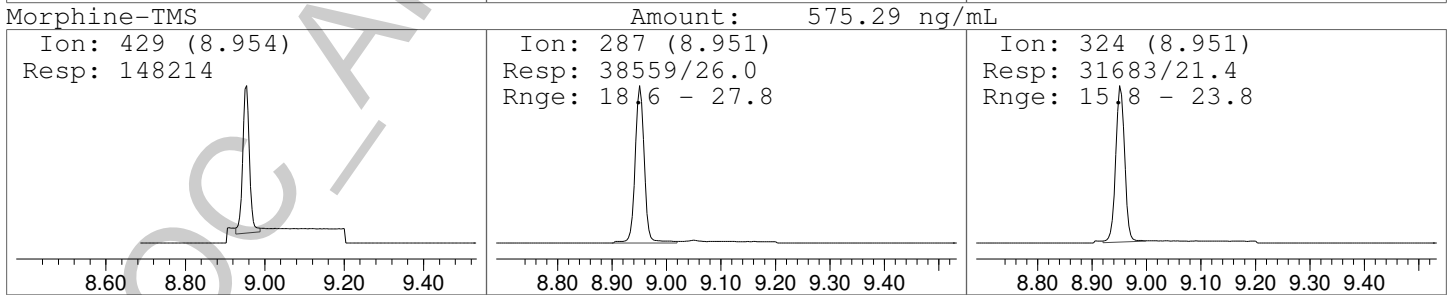
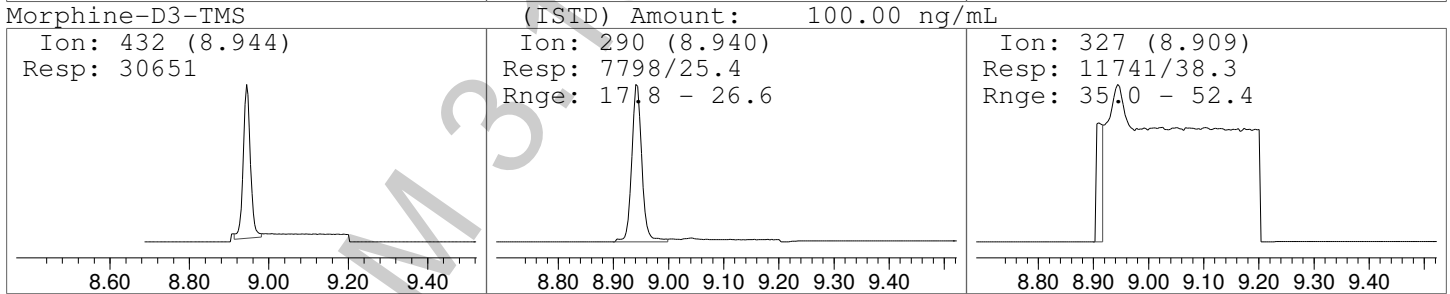
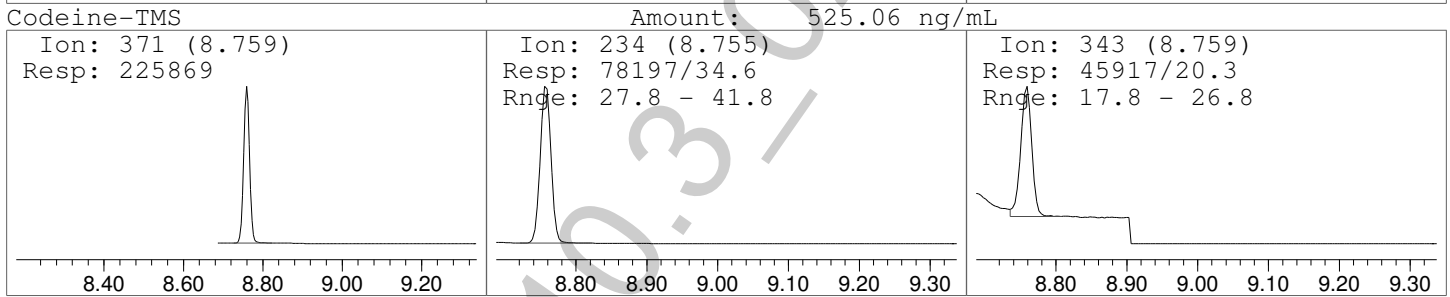
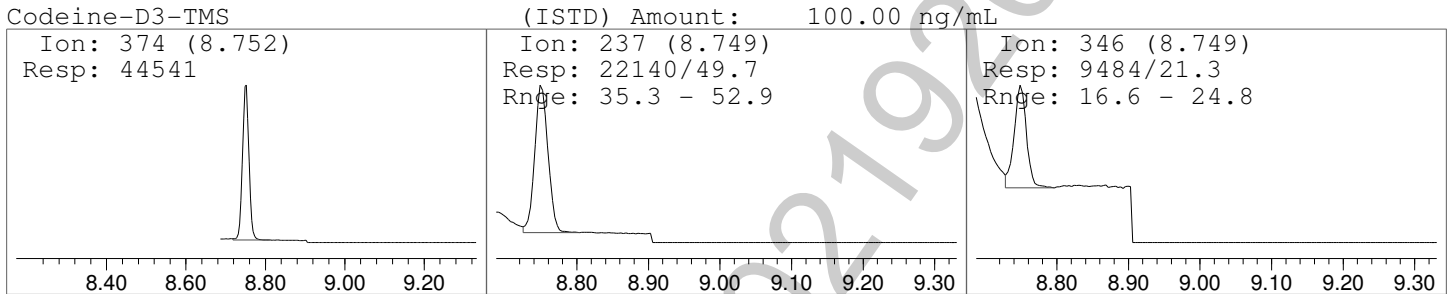
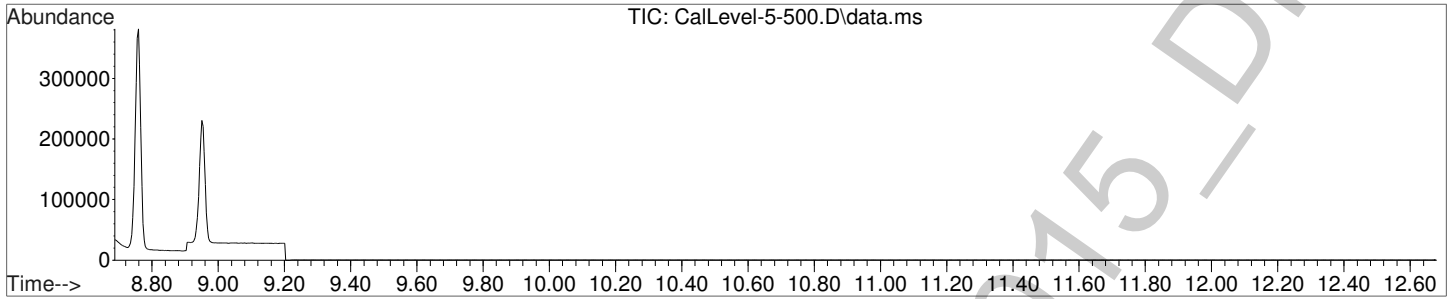


#4
 Morphine-TMS
 Concen: 575.29 ng/mL m
 RT: 8.954 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: CalLevel-5-500.D
 Acq: 19 Feb 2015 19:13

Tgt Ion	Resp	Lower	Upper
429	148214		
429	100		
287	26.0	18.6	27.8
324	21.4	15.8	23.8



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-5-500.D
 Acq On : 19 Feb 2015 19:13
 Operator : D Downey
 Sample : Calibrator Level 5: 500ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 6 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-6-1000.D
 Acq On : 19 Feb 2015 19:32
 Operator : D Downey
 Sample : Calibrator Level 6: 1000ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 20 10:37:56 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 Feb 20 10:36:27 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.749	374	53790	100.00	ng/mL	*# 0.00
3) Morphine-D3-TMS	8.947	432	44289	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.759	371	506405	986.24	ng/mL	Qvalue 97
4) Morphine-TMS	8.954	429	356355	987.48	ng/mL	96

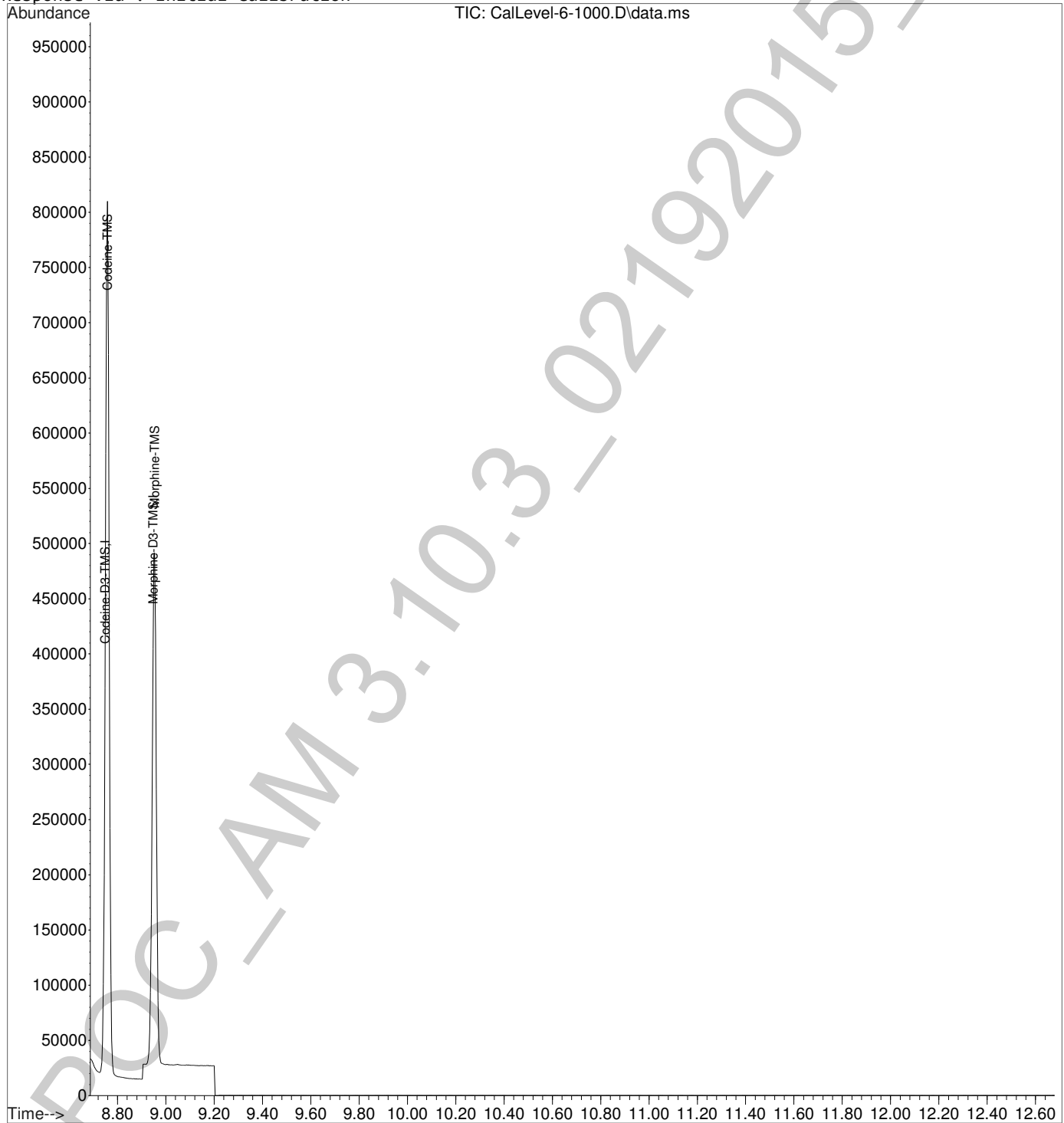
(#) = qualifier out of range (m) = manual integration (+) = signals summed

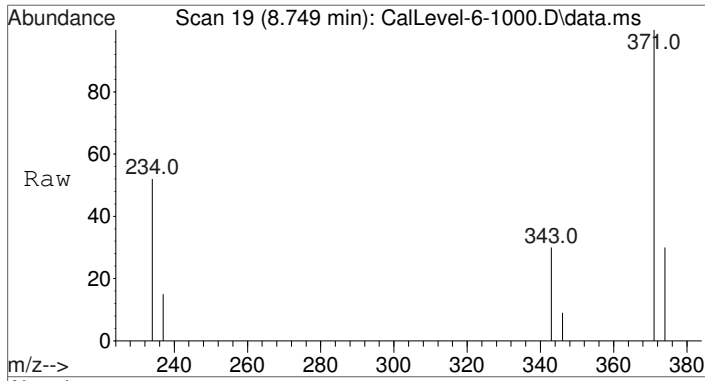
***Not able to manually integrate. Any codeine in samples >500ng/mL should be confirmed in full scan mode.**

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : CalLevel-6-1000.D
Acq On : 19 Feb 2015 19:32
Operator : D Downey
Sample : Calibrator Level 6: 1000ng/mL
Misc : Analytical Method 3.10.3
ALS Vial : 7 Sample Multiplier: 1

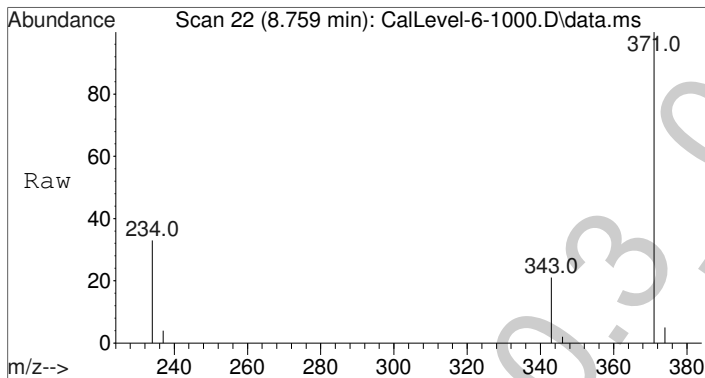
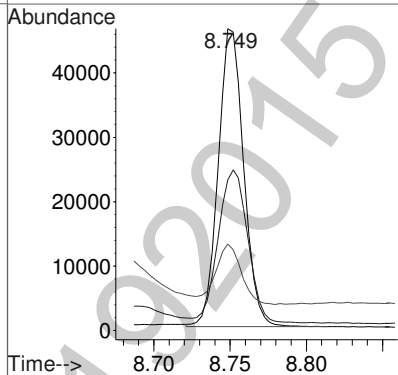
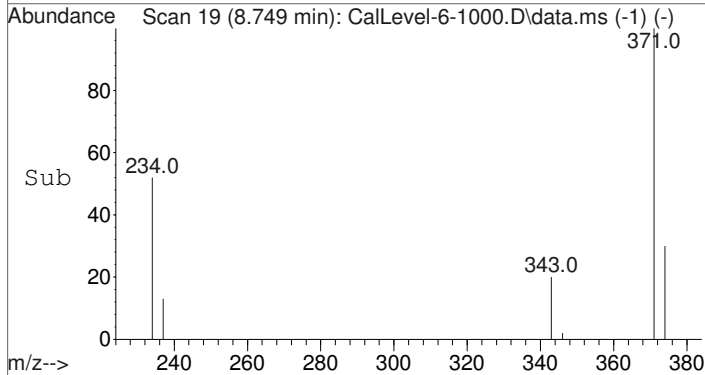
Quant Time: Feb 20 10:37:56 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:36:27 2015
Response via : Initial Calibration





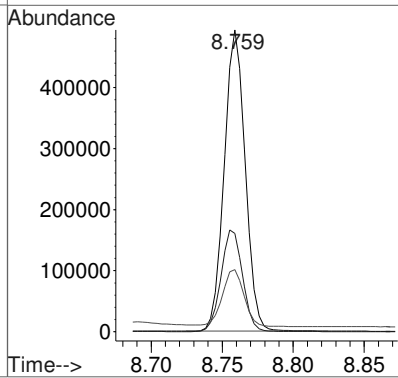
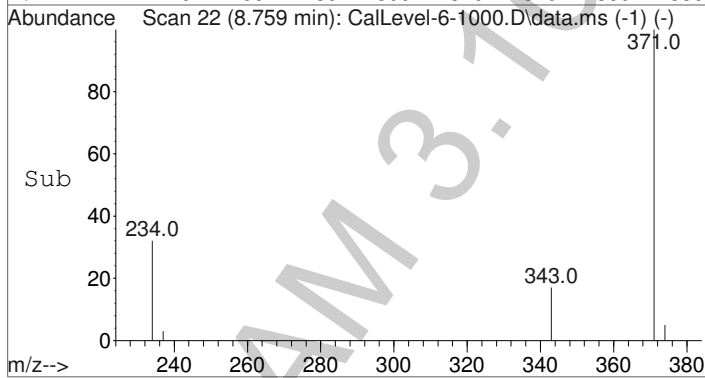
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.749 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: CalLevel-6-1000.D
 Acq: 19 Feb 2015 19:32

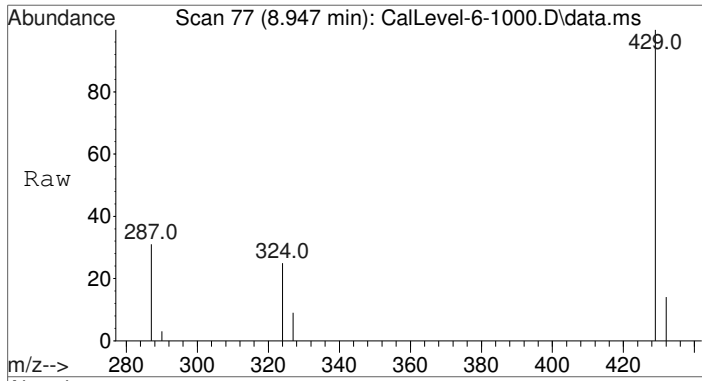
Tgt Ion	Resp	Lower	Upper
374	53790		
374	100		
237	59.3	35.3	52.9#
346	20.4	16.6	24.8



#2
 Codeine-TMS
 Concen: 986.24 ng/mL
 RT: 8.759 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: CalLevel-6-1000.D
 Acq: 19 Feb 2015 19:32

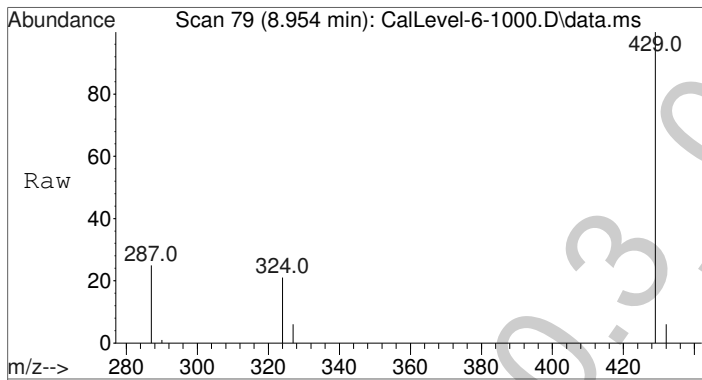
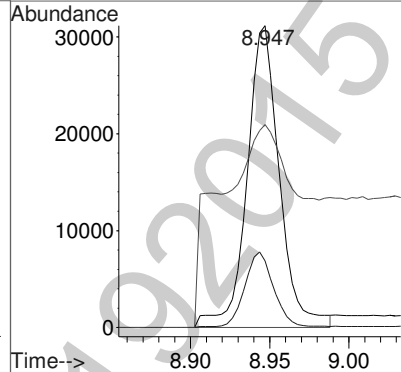
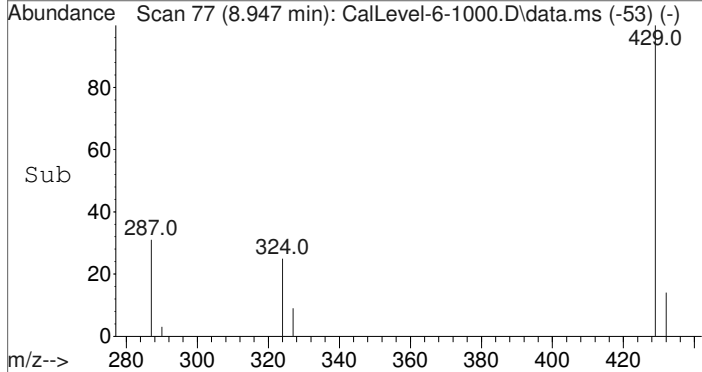
Tgt Ion	Resp	Lower	Upper
371	506405		
371	100		
234	34.6	27.8	41.8
343	19.5	17.8	26.8





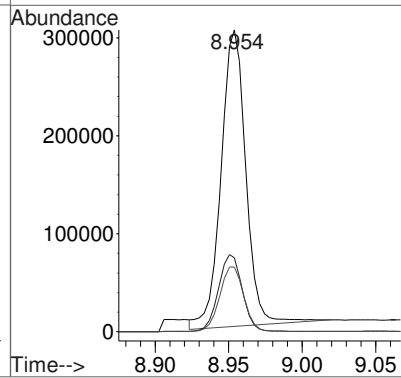
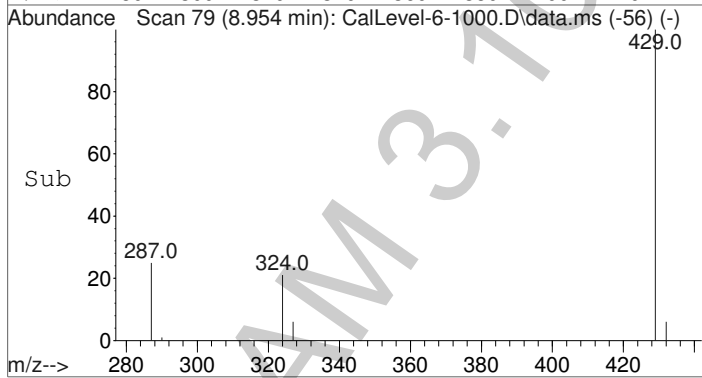
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.947 min Scan# 77
 Delta R.T. 0.004 min
 Lab File: CalLevel-6-1000.D
 Acq: 19 Feb 2015 19:32

Tgt Ion	Resp	Lower	Upper
432	44289		
432	100		
290	22.9	17.8	26.6
327	51.6	35.0	52.4



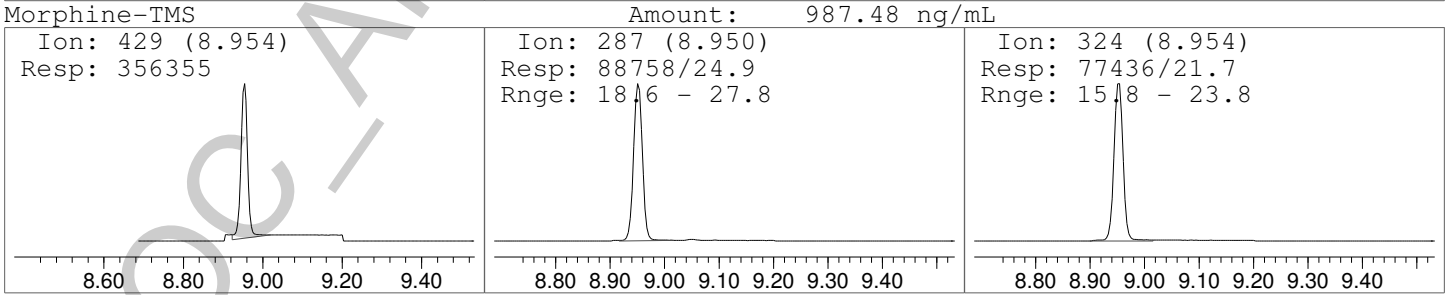
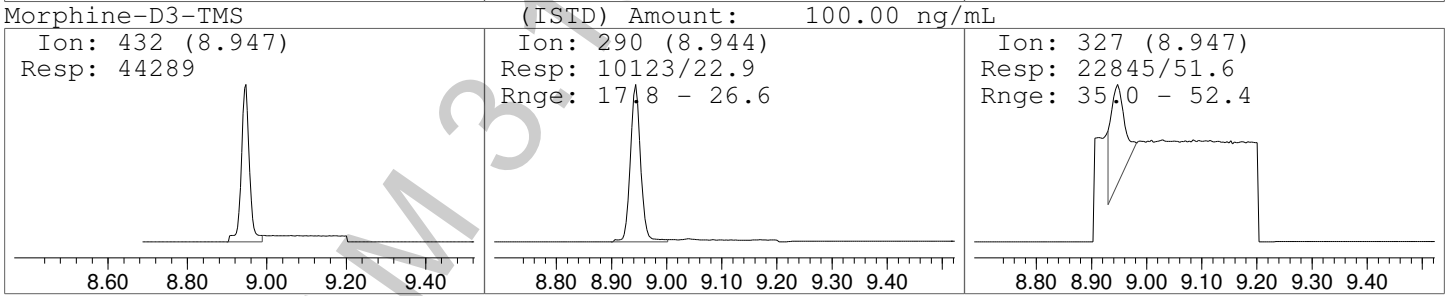
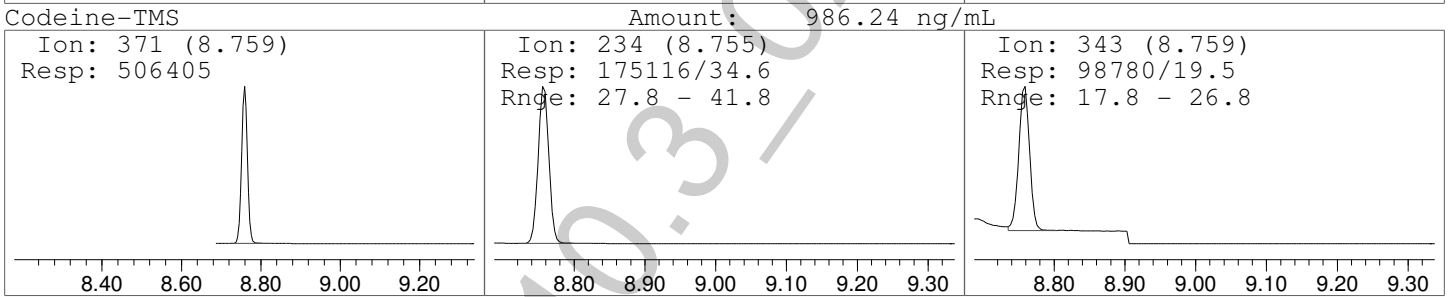
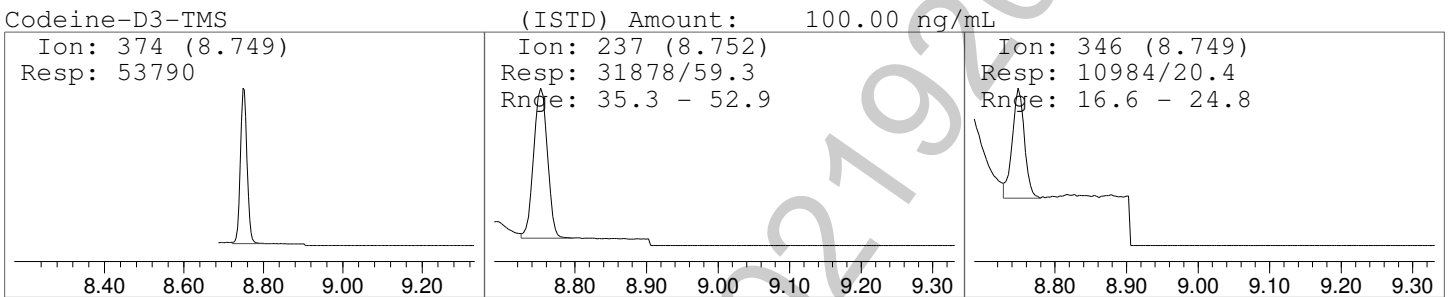
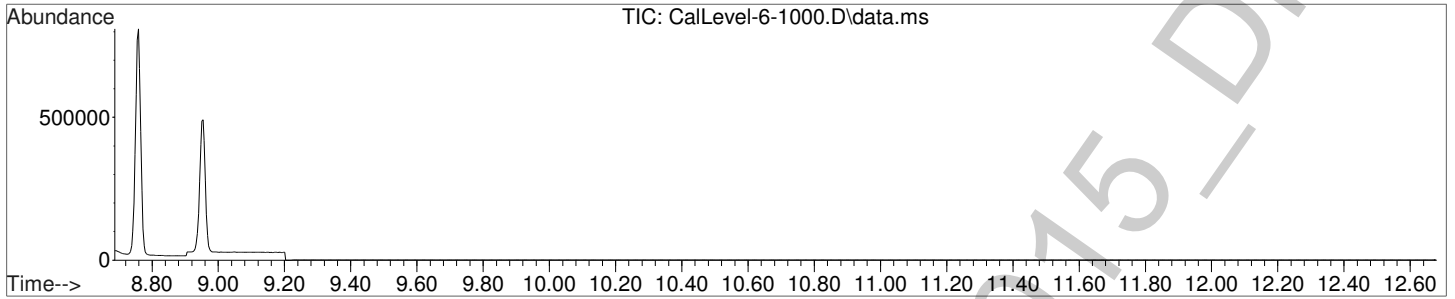
#4
 Morphine-TMS
 Concen: 987.48 ng/mL
 RT: 8.954 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: CalLevel-6-1000.D
 Acq: 19 Feb 2015 19:32

Tgt Ion	Resp	Lower	Upper
429	356355		
429	100		
287	24.9	18.6	27.8
324	21.7	15.8	23.8

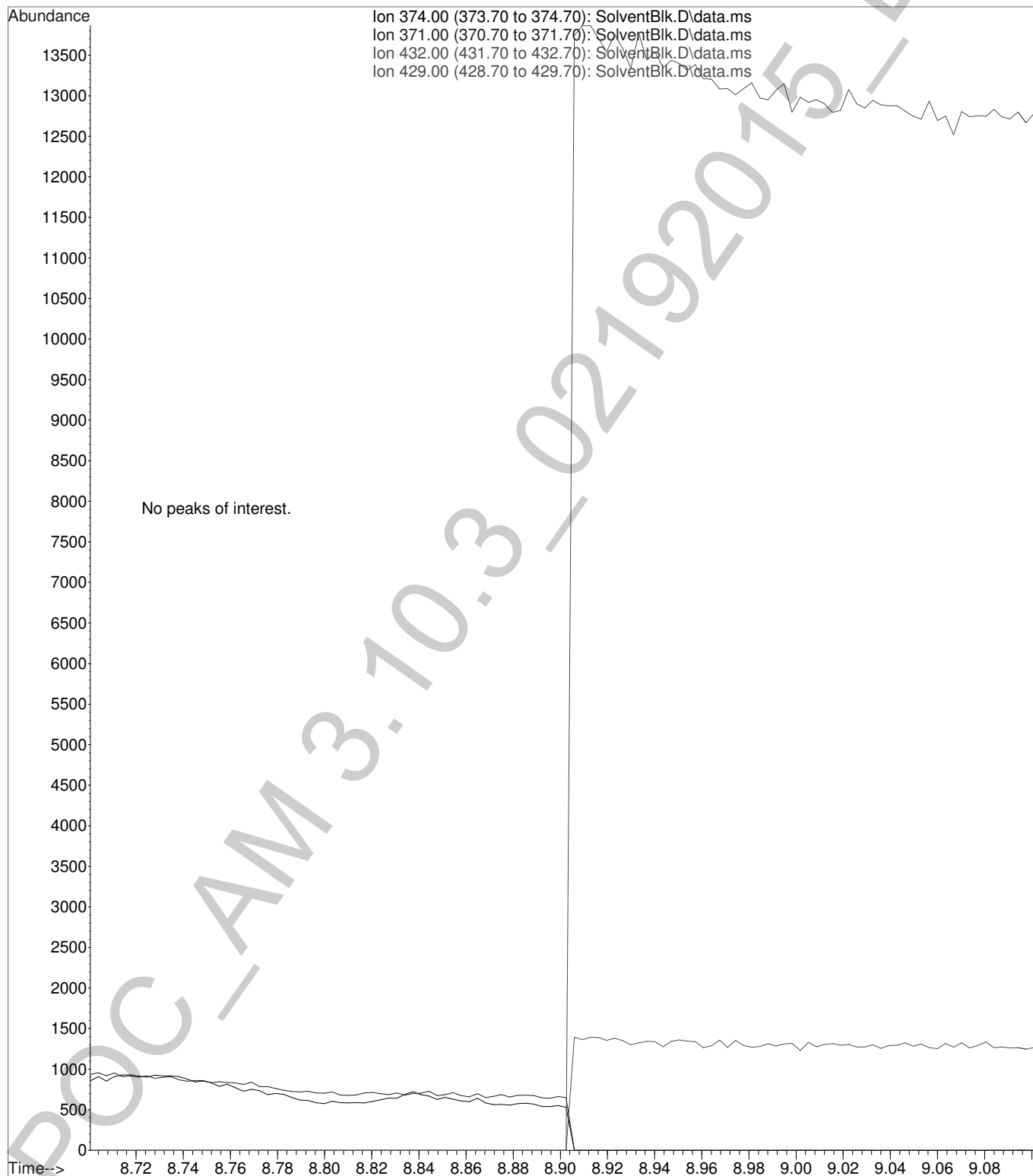




Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : CalLevel-6-1000.D
 Acq On : 19 Feb 2015 19:32
 Operator : D Downey
 Sample : Calibrator Level 6: 1000ng/mL
 Misc : Analytical Method 3.10.3
 ALS Vial : 7 Sample Multiplier: 1



File :C:\gcms\1\data\Blood\021915OP\SolventBlk.D
Operator : D Downey
Acquired : 19 Feb 2015 19:50 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\021915OP\
 Data File : PC-75-1.D
 Acq On : 19 Feb 2015 20:09
 Operator : D Downey
 Sample : 75ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 20 10:52:58 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 Feb 20 10:37:18 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.752	374	42750	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.943	432	31219	100.00	ng/mL**#	0.00
Target Compounds						
2) Codeine-TMS	8.758	371	39888	85.69	ng/mL	98
4) Morphine-TMS	8.954	429	43262	132.39	ng/mL# *	89

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

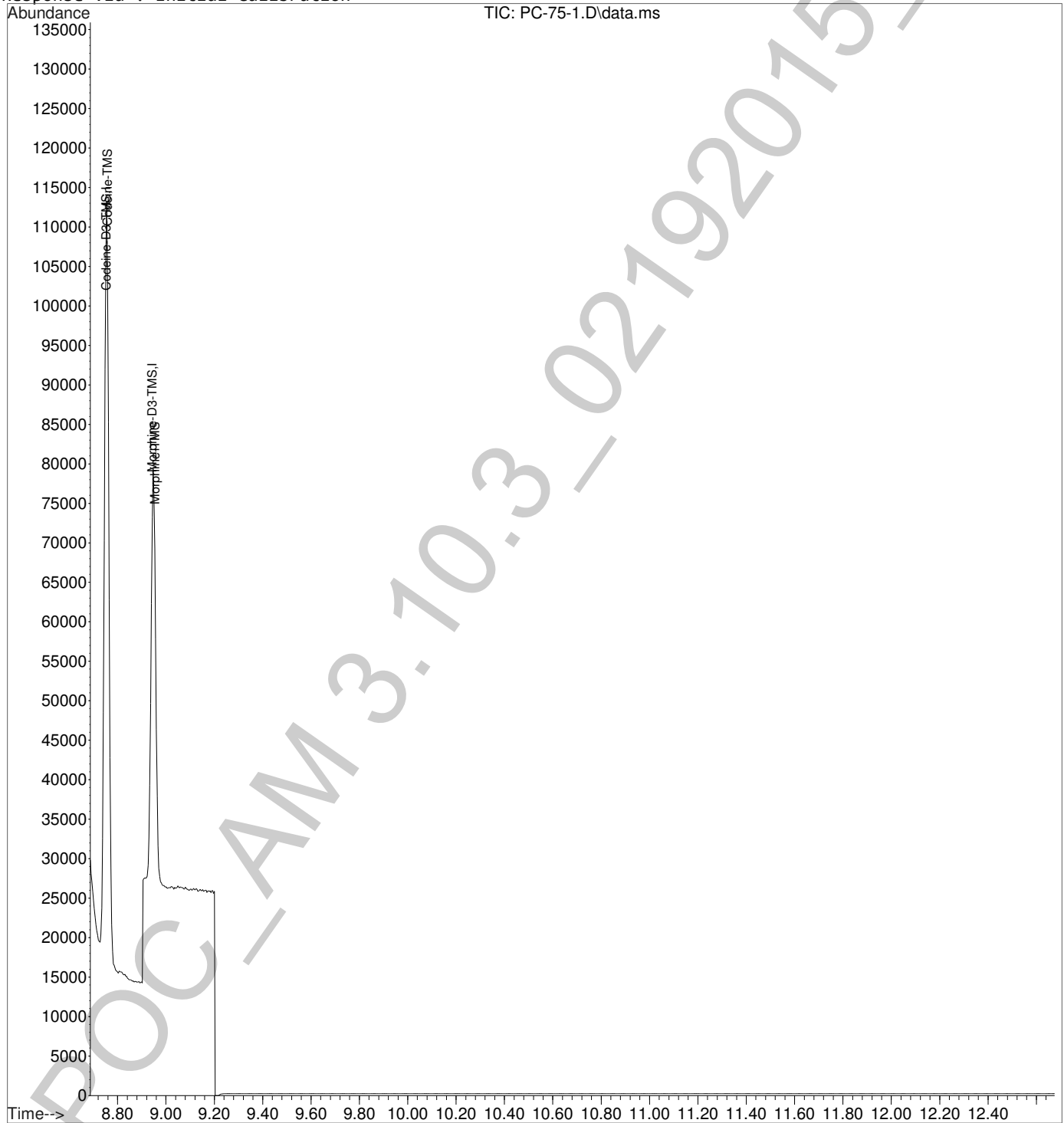
*Refer to manual integration.

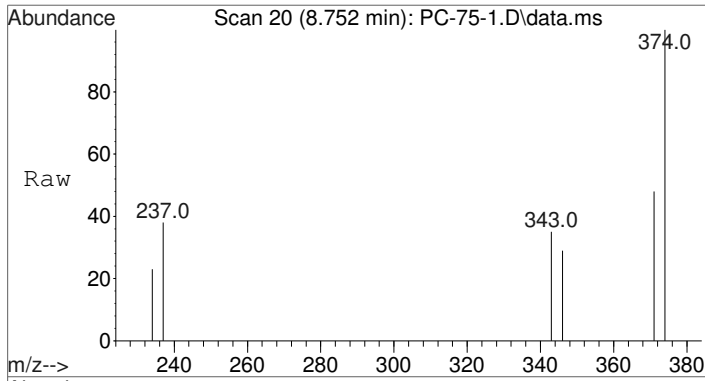
**Manual integration not possible.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : PC-75-1.D
Acq On : 19 Feb 2015 20:09
Operator : D Downey
Sample : 75ng/mL Positive Control
Misc : Analytical Method 3.10.3
ALS Vial : 8 Sample Multiplier: 1

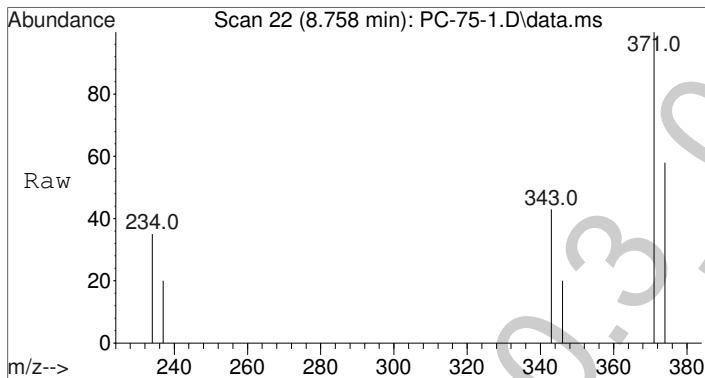
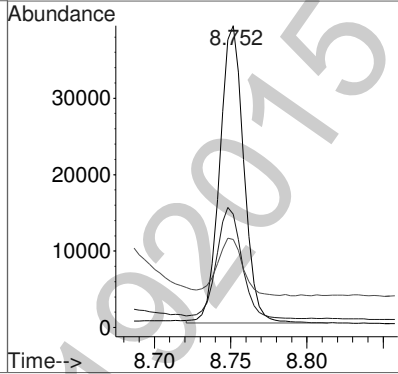
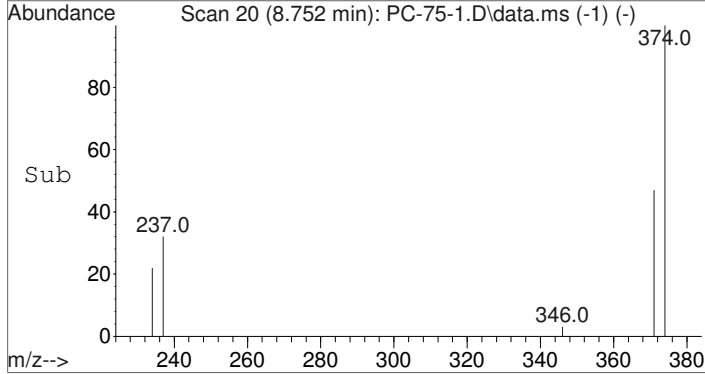
Quant Time: Feb 20 10:52:58 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:37:18 2015
Response via : Initial Calibration





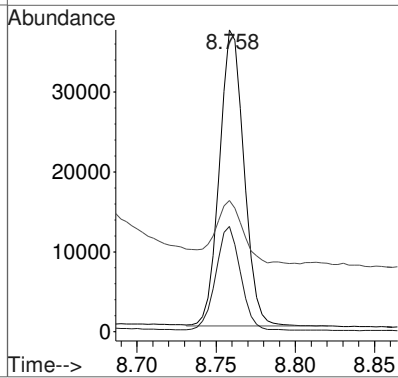
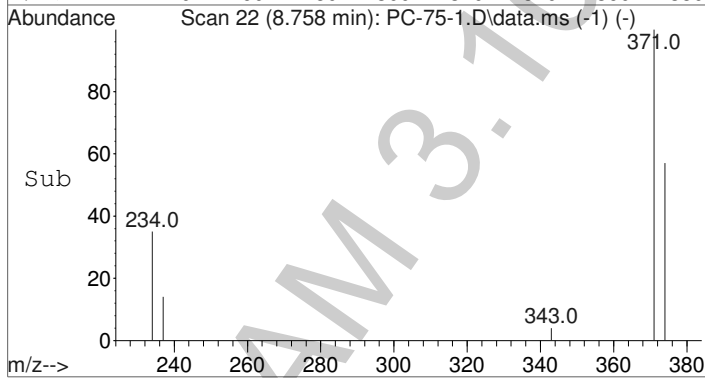
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.752 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: PC-75-1.D
 Acq: 19 Feb 2015 20:09

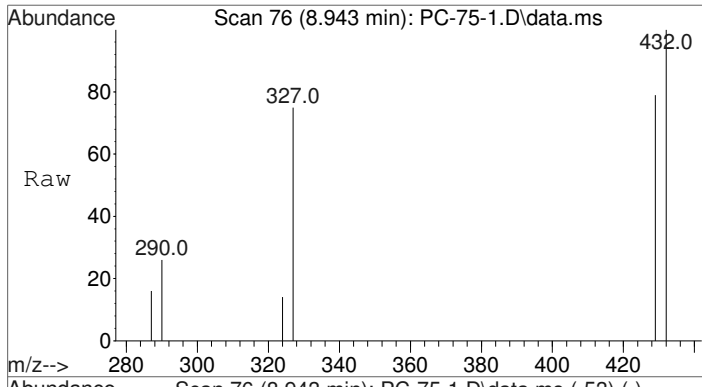
Tgt Ion	Ratio	Resp	Lower	Upper
374	100	42750		
237	39.3	35.3	52.9	
346	20.5	16.6	24.8	



#2
 Codeine-TMS
 Concen: 85.69 ng/mL
 RT: 8.758 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: PC-75-1.D
 Acq: 19 Feb 2015 20:09

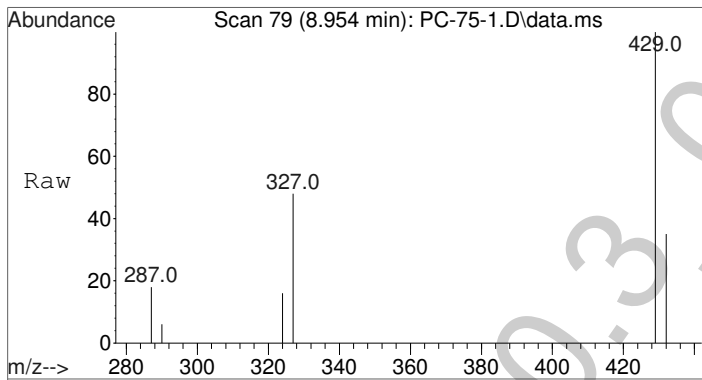
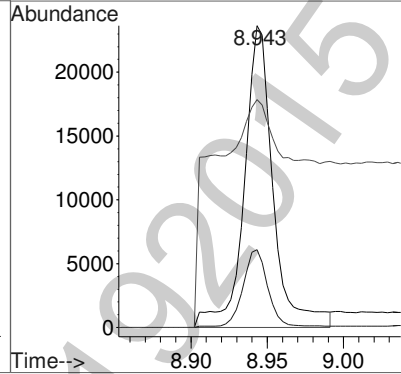
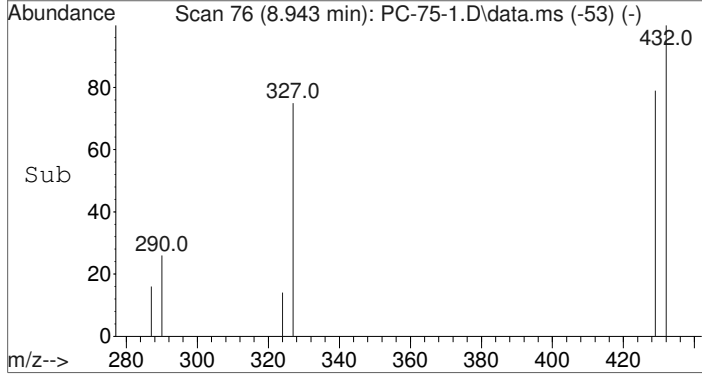
Tgt Ion	Ratio	Resp	Lower	Upper
371	100	39888		
234	35.1	27.8	41.8	
343	24.4	17.8	26.8	





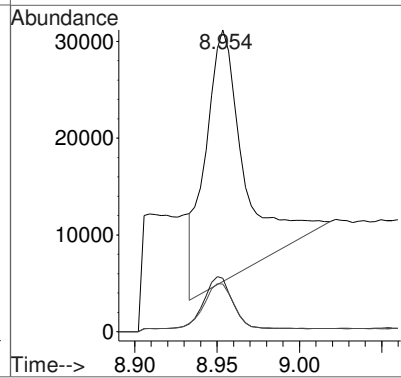
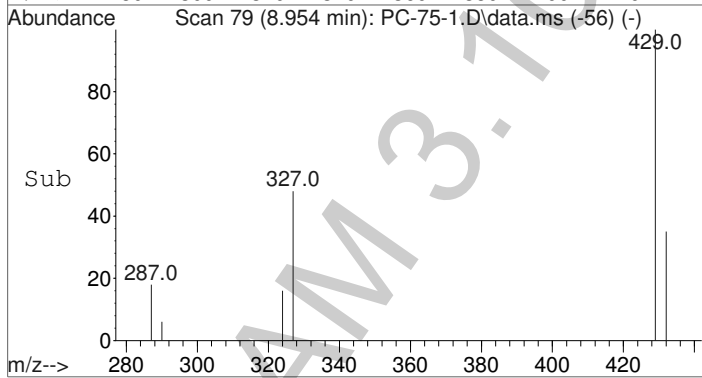
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.943 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: PC-75-1.D
 Acq: 19 Feb 2015 20:09

Tgt Ion	Resp	Lower	Upper
432	100		
290	23.0	17.8	26.6
327	190.4	35.0	52.4#



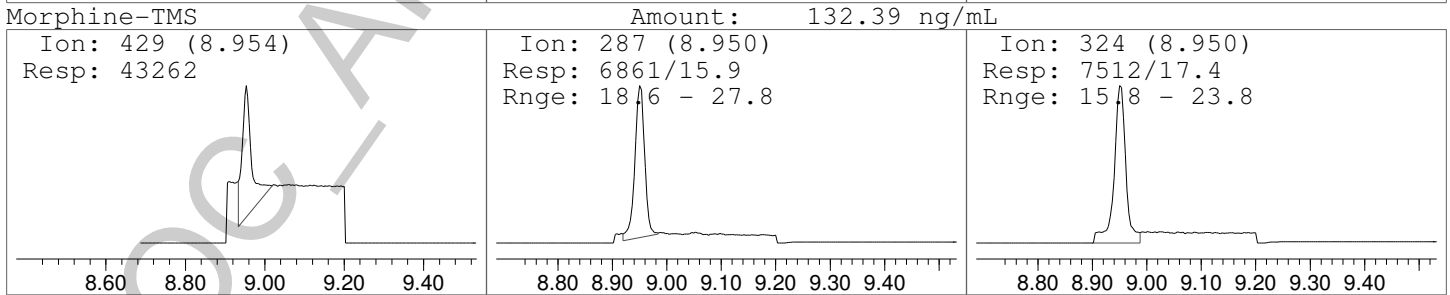
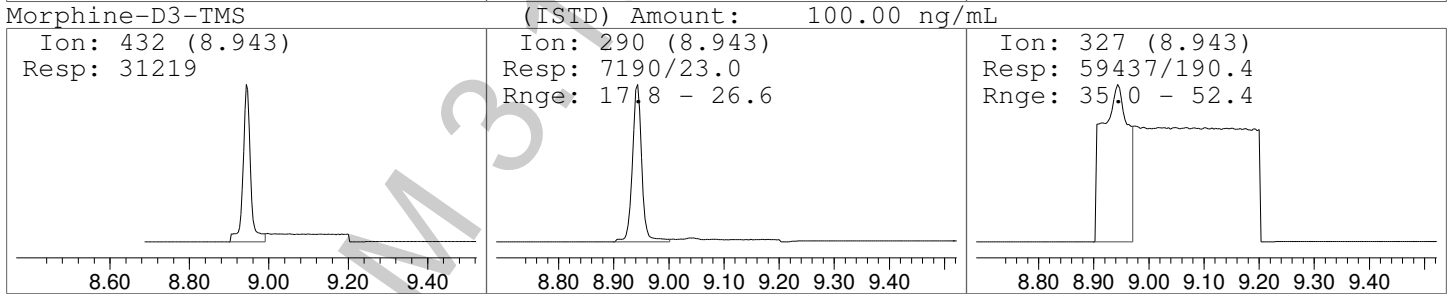
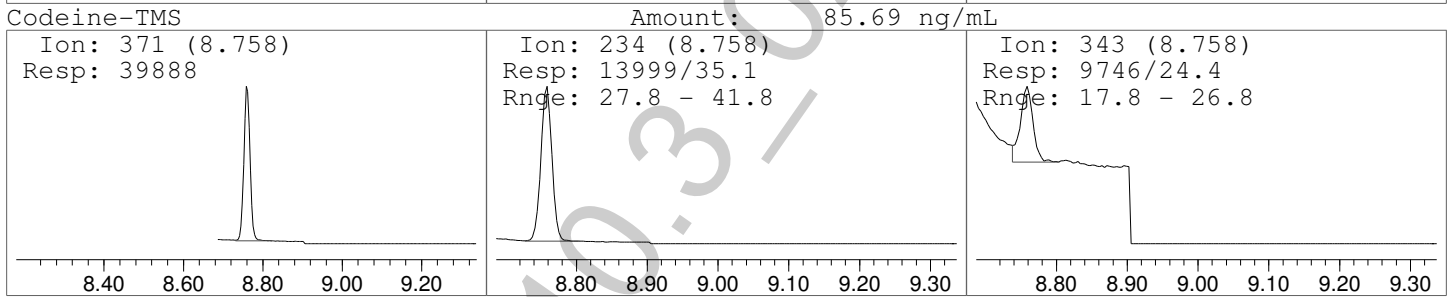
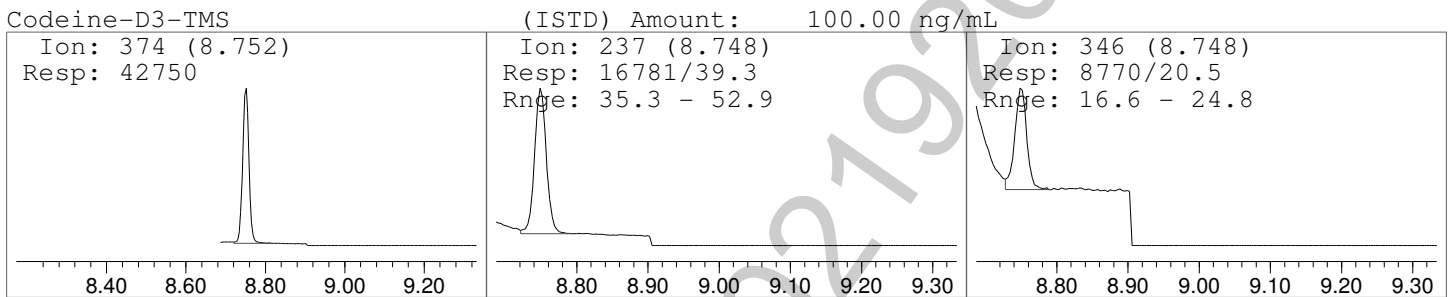
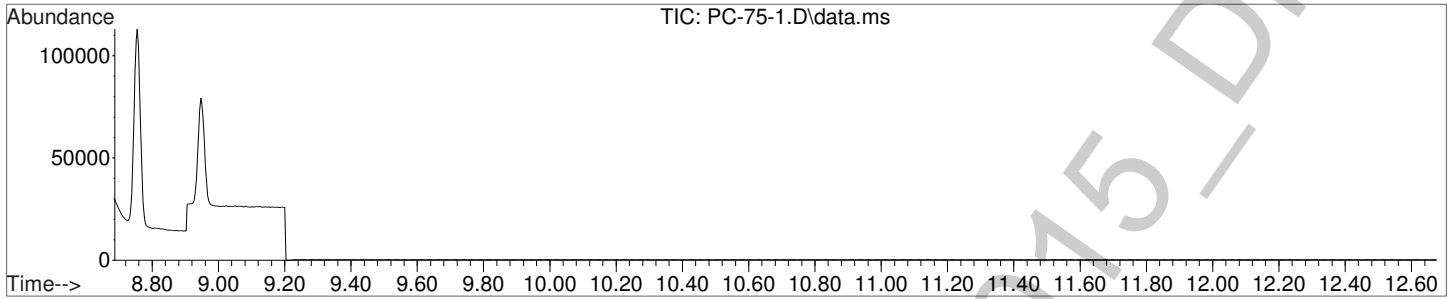
#4
 Morphine-TMS
 Concen: 132.39 ng/mL
 RT: 8.954 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: PC-75-1.D
 Acq: 19 Feb 2015 20:09

Tgt Ion	Resp	Lower	Upper
429	100		
287	15.9	18.6	27.8#
324	17.4	15.8	23.8





Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : PC-75-1.D
 Acq On : 19 Feb 2015 20:09
 Operator : D Downey
 Sample : 75ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 8 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : PC-75-1.D
 Acq On : 19 Feb 2015 20:09
 Operator : D Downey
 Sample : 75ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 20 10:52:58 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 Feb 20 10:37:18 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.752	374	42750	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.943	432	31219	100.00	ng/mL	# 0.00
Target Compounds						
2) Codeine-TMS	8.758	371	39888	85.69	ng/mL	98
4) Morphine-TMS	8.954	429	35298m*	99.64	ng/mL	**

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

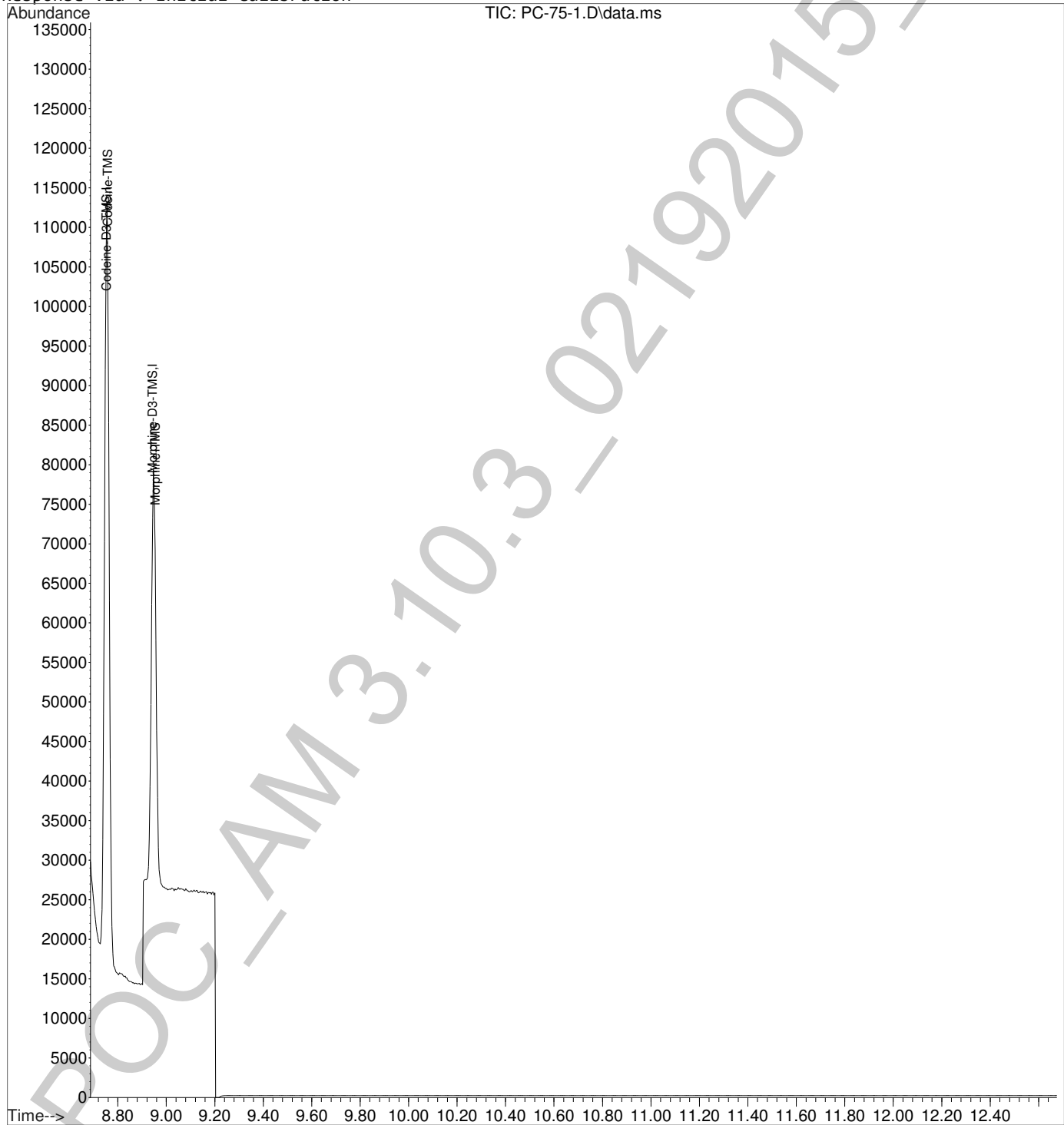
*Manual integration successful.

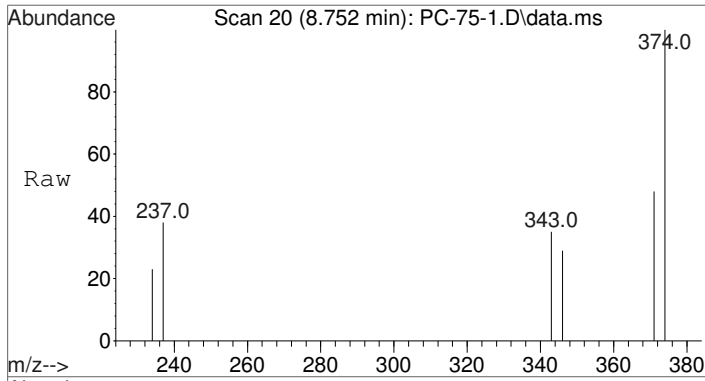
**Quantity high and morphine-D3-TMS ISTD not able to be integrated. Any morphine in samples should be confirmed in full scan mode (however, no samples contained morphine so this does not affect sample run data).

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : PC-75-1.D
Acq On : 19 Feb 2015 20:09
Operator : D Downey
Sample : 75ng/mL Positive Control
Misc : Analytical Method 3.10.3
ALS Vial : 8 Sample Multiplier: 1



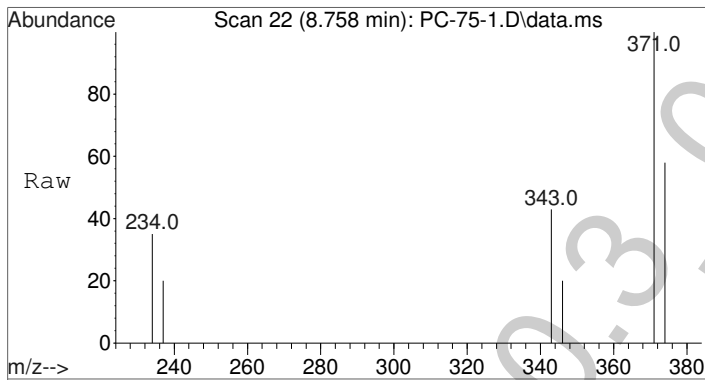
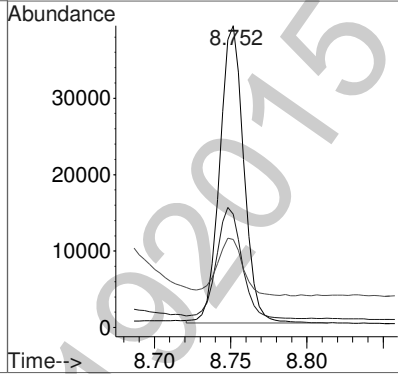
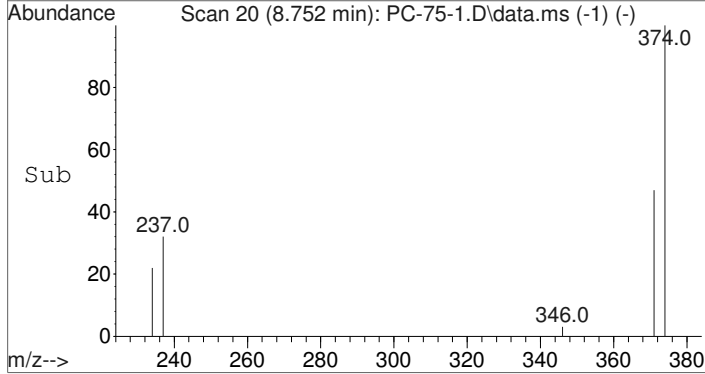
Quant Time: Feb 20 10:52:58 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:37:18 2015
Response via : Initial Calibration





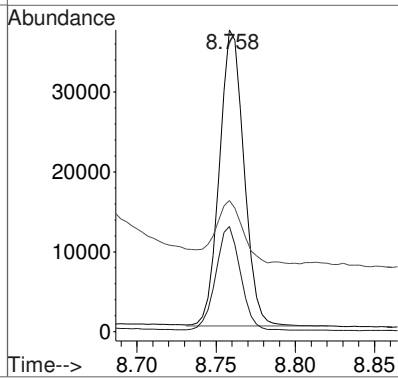
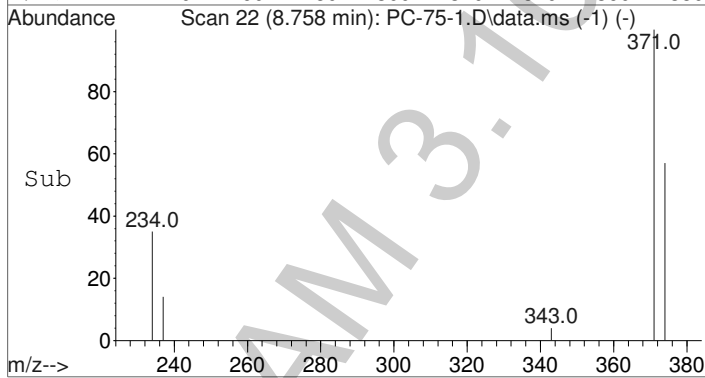
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.752 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: PC-75-1.D
 Acq: 19 Feb 2015 20:09

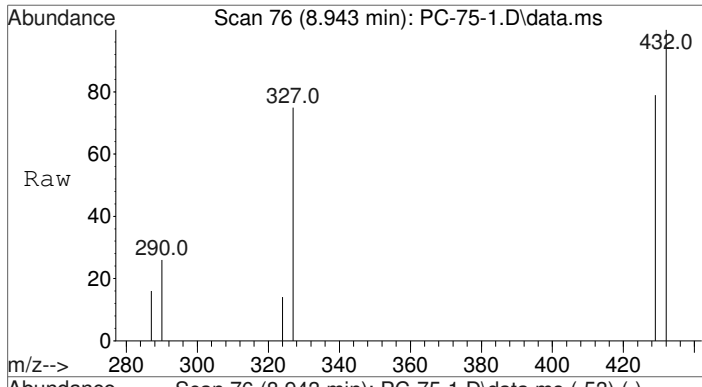
Tgt Ion	Resp	Lower	Upper
374	42750	100	
237	39.3	35.3	52.9
346	20.5	16.6	24.8



#2
 Codeine-TMS
 Concen: 85.69 ng/mL
 RT: 8.758 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: PC-75-1.D
 Acq: 19 Feb 2015 20:09

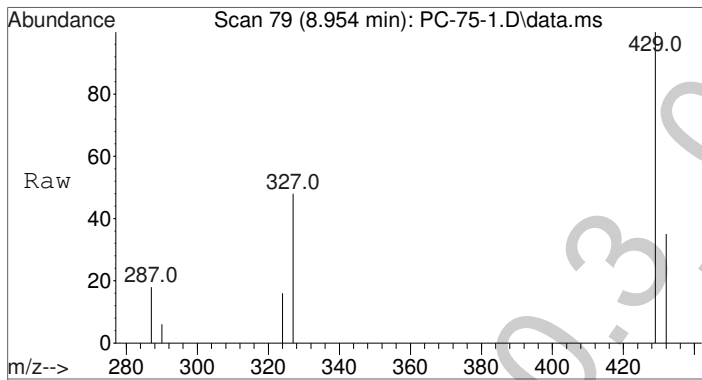
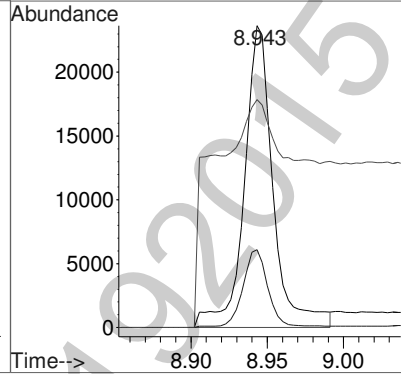
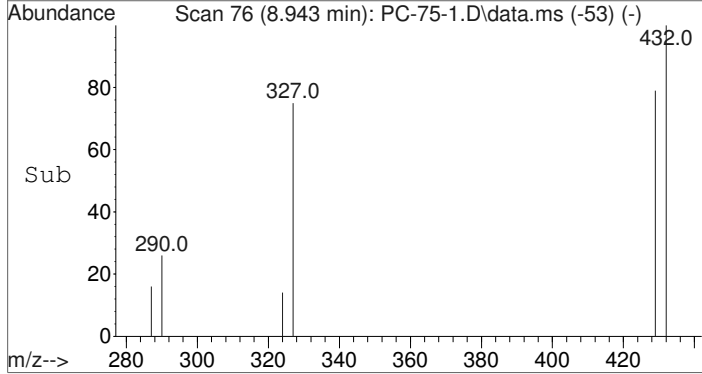
Tgt Ion	Resp	Lower	Upper
371	39888	100	
234	35.1	27.8	41.8
343	24.4	17.8	26.8





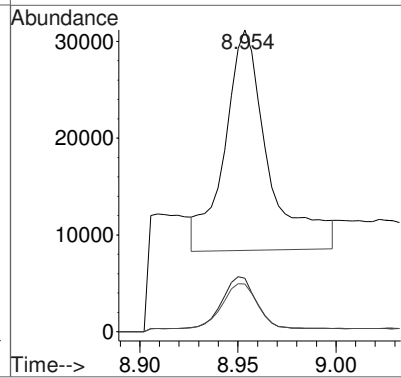
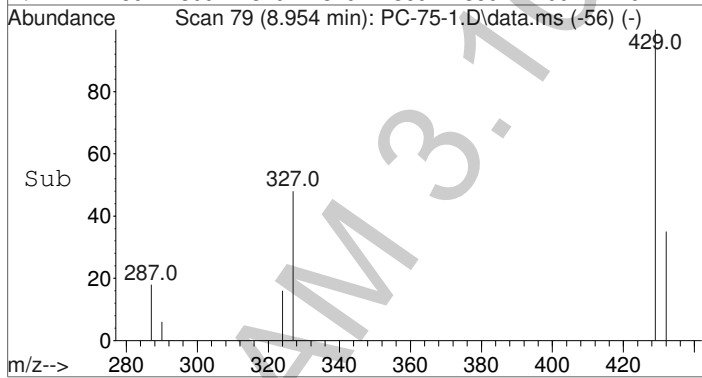
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.943 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: PC-75-1.D
 Acq: 19 Feb 2015 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
432	100	31219		
290	23.0	17.8	26.6	
327	190.4	35.0	52.4	

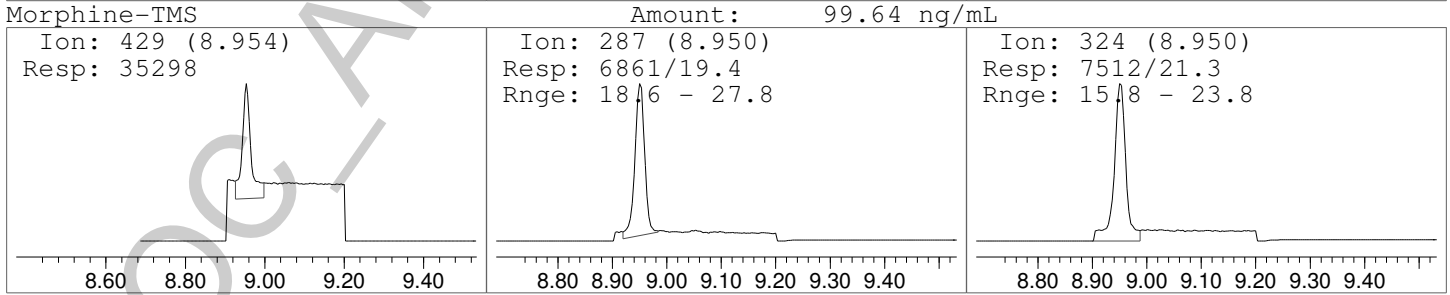
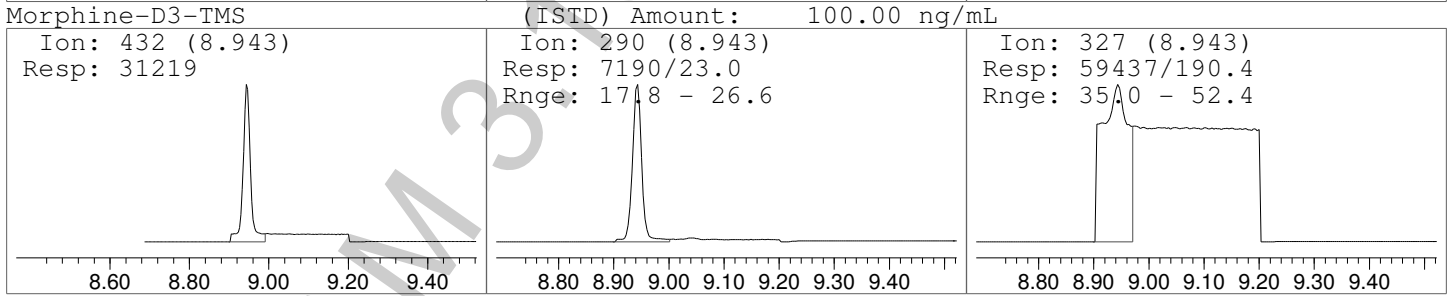
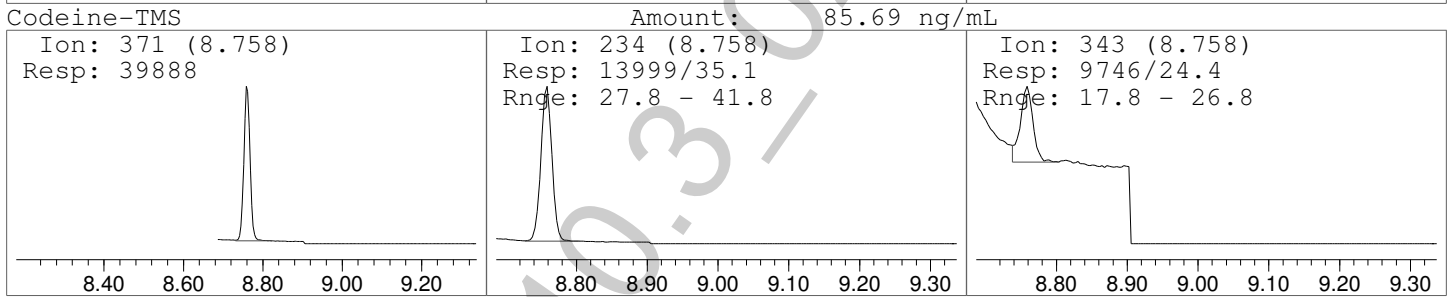
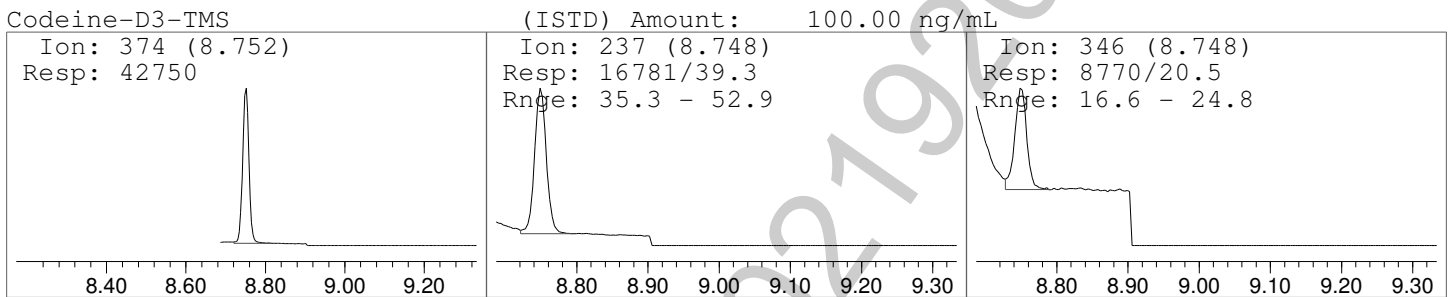
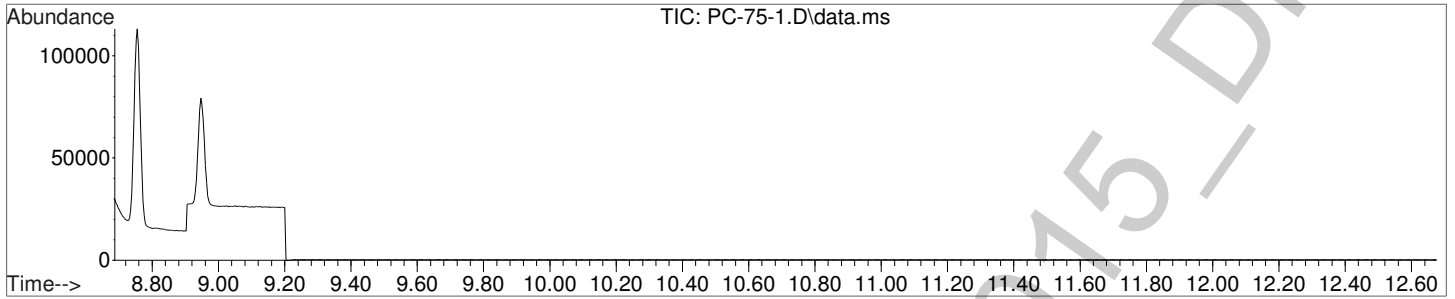


#4
 Morphine-TMS
 Concen: 99.64 ng/mL m
 RT: 8.954 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: PC-75-1.D
 Acq: 19 Feb 2015 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
429	100	35298		
287	19.4	18.6	27.8	
324	21.3	15.8	23.8	



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : PC-75-1.D
 Acq On : 19 Feb 2015 20:09
 Operator : D Downey
 Sample : 75ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 8 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : PC-750-1.D
 Acq On : 19 Feb 2015 20:28
 Operator : D Downey
 Sample : 750ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 20 10:54:15 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 Feb 20 10:37:18 2015
 Response via : Initial Calibration

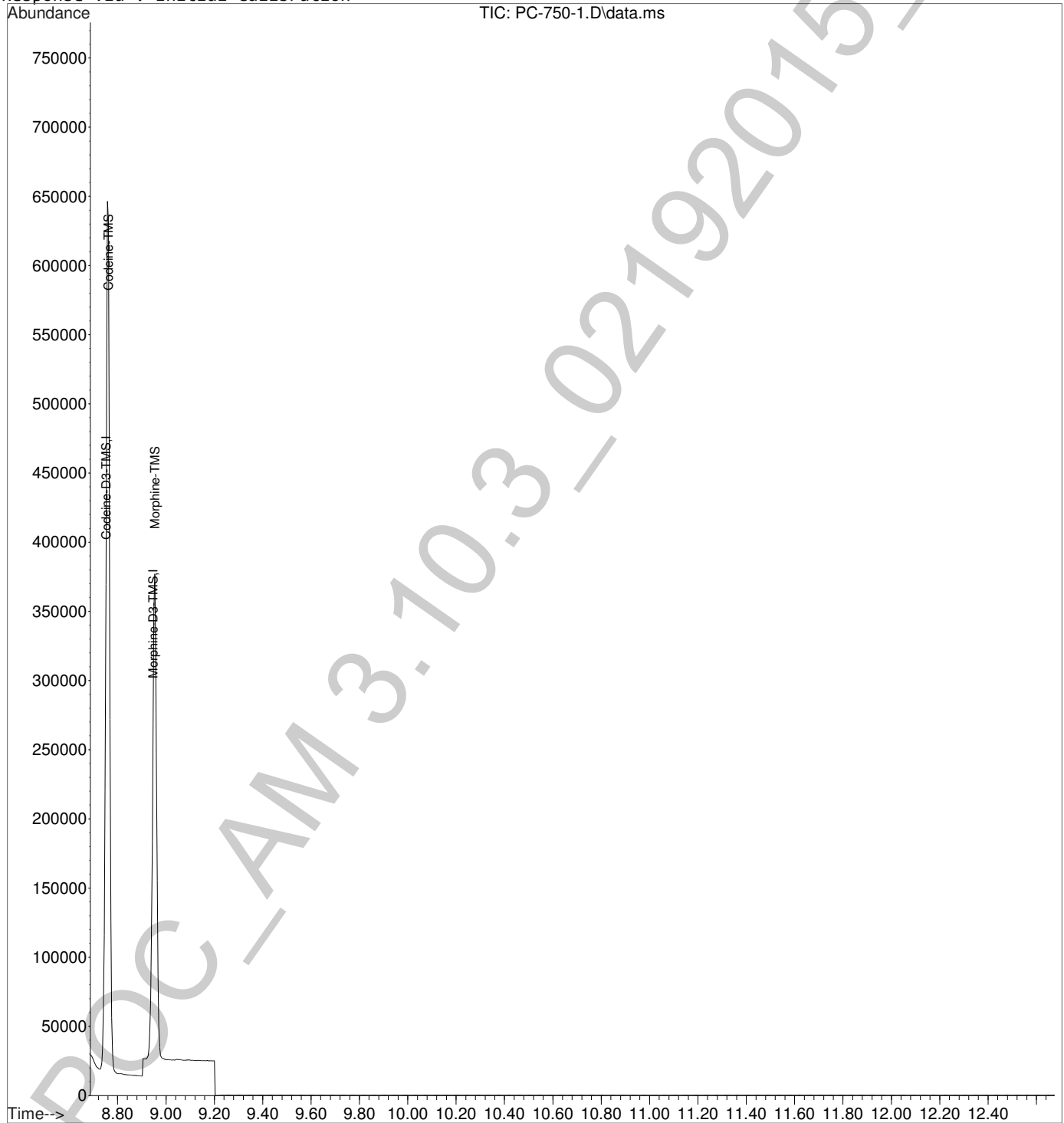
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.752	374	50345	100.00	ng/mL	# 0.00
3) Morphine-D3-TMS	8.947	432	36610	100.00	ng/mL	* # 0.00
Target Compounds						
2) Codeine-TMS	8.762	371	396245	822.31	ng/mL	Qvalue 98
4) Morphine-TMS	8.954	429	257681	858.12	ng/mL	96

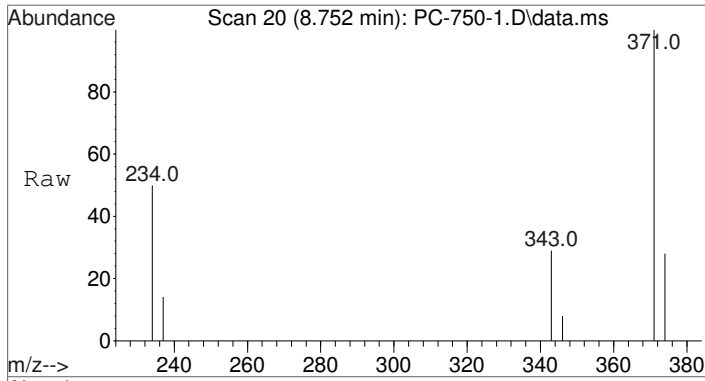
(#) = qualifier out of range (m) = manual integration (+) = signals summed

*Refer to manual integration.

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : PC-750-1.D
Acq On : 19 Feb 2015 20:28
Operator : D Downey
Sample : 750ng/mL Positive Control
Misc : Analytical Method 3.10.3
ALS Vial : 9 Sample Multiplier: 1

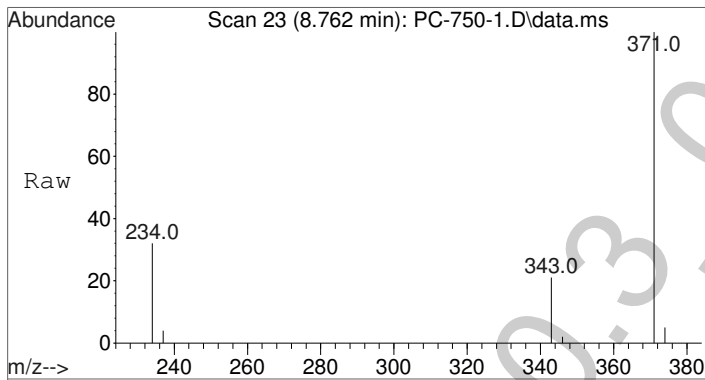
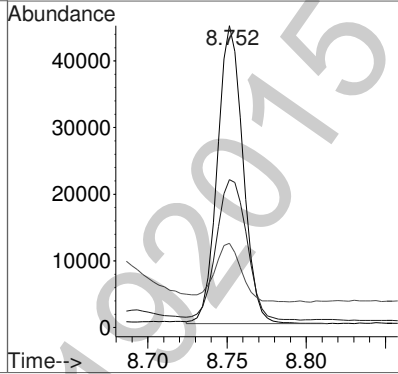
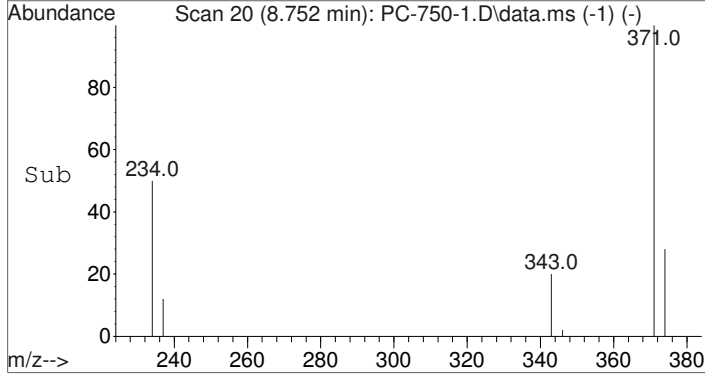
Quant Time: Feb 20 10:54:15 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:37:18 2015
Response via : Initial Calibration





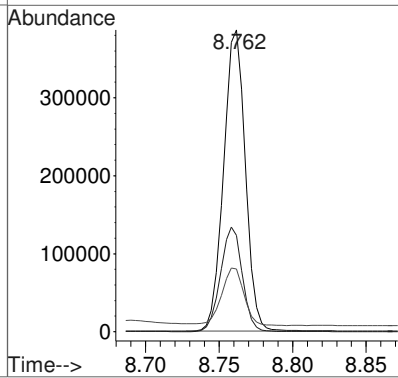
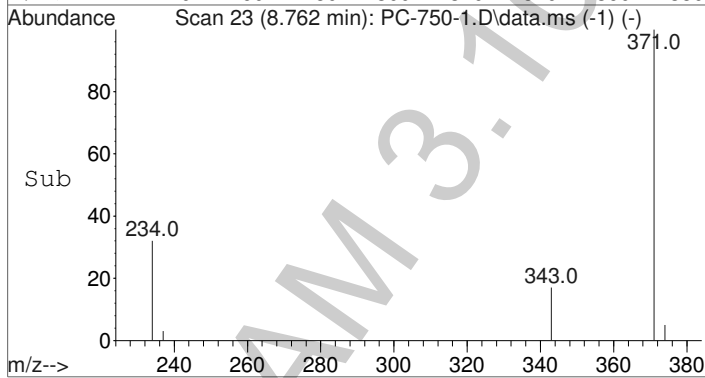
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL
 RT: 8.752 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: PC-750-1.D
 Acq: 19 Feb 2015 20:28

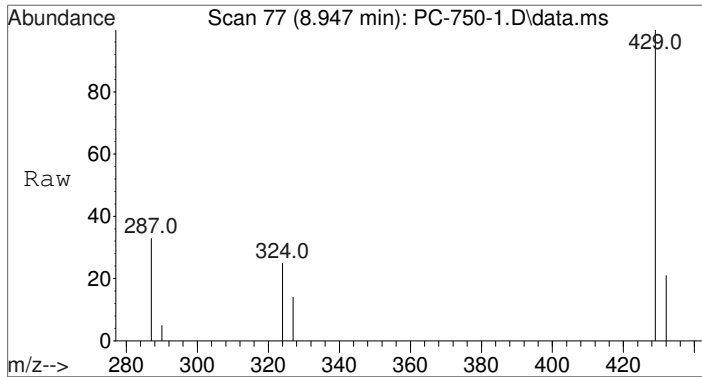
Tgt Ion	Resp	Lower	Upper
374	50345		
374	100		
237	56.2	35.3	52.9#
346	20.8	16.6	24.8



#2
 Codeine-TMS
 Concen: 822.31 ng/mL
 RT: 8.762 min Scan# 23
 Delta R.T. 0.003 min
 Lab File: PC-750-1.D
 Acq: 19 Feb 2015 20:28

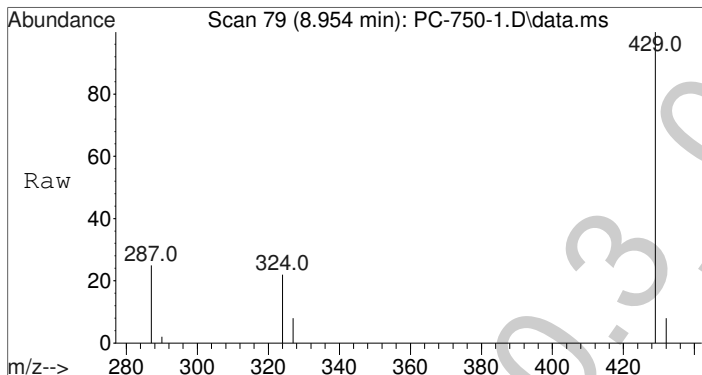
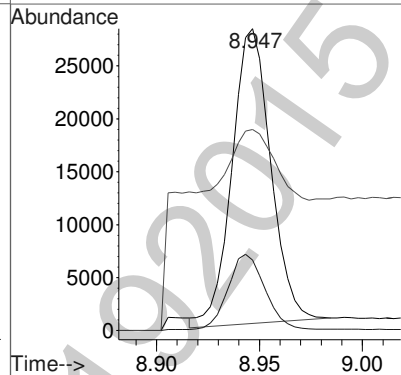
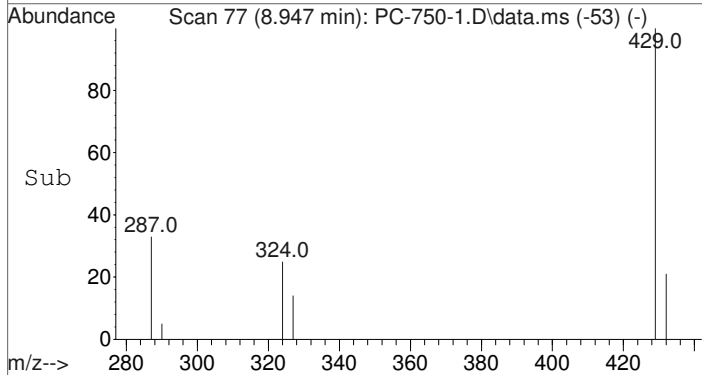
Tgt Ion	Resp	Lower	Upper
371	396245		
371	100		
234	34.7	27.8	41.8
343	19.7	17.8	26.8





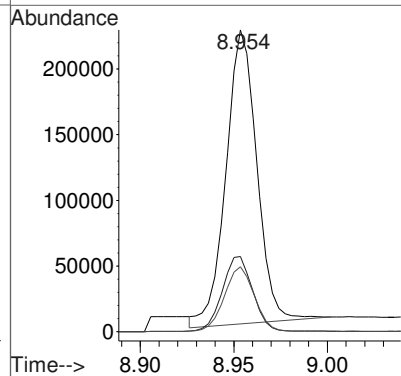
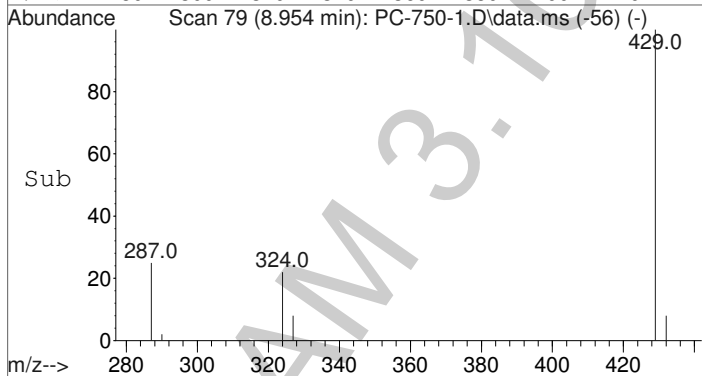
#3
Morphine-D3-TMS
Concen: 100.00 ng/mL
RT: 8.947 min Scan# 77
Delta R.T. 0.003 min
Lab File: PC-750-1.D
Acq: 19 Feb 2015 20:28

Tgt Ion	Resp	Lower	Upper
432	36610		
432	100		
290	25.4	17.8	26.6
327	23.9	35.0	52.4#

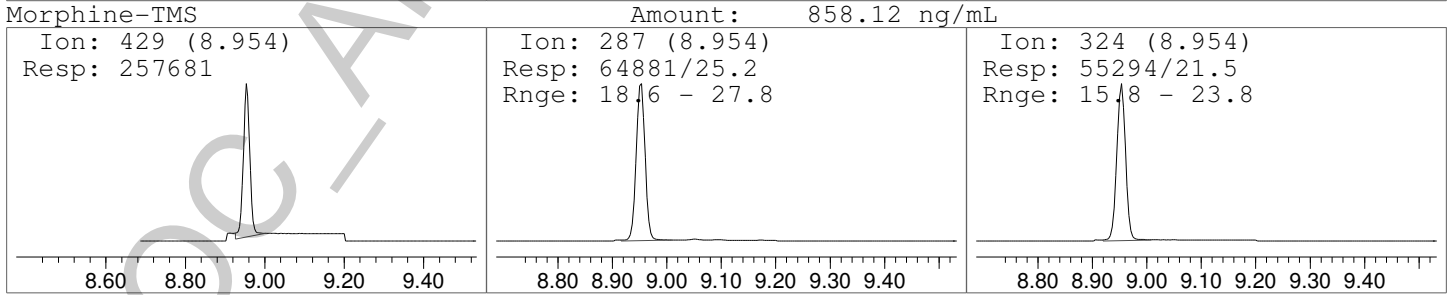
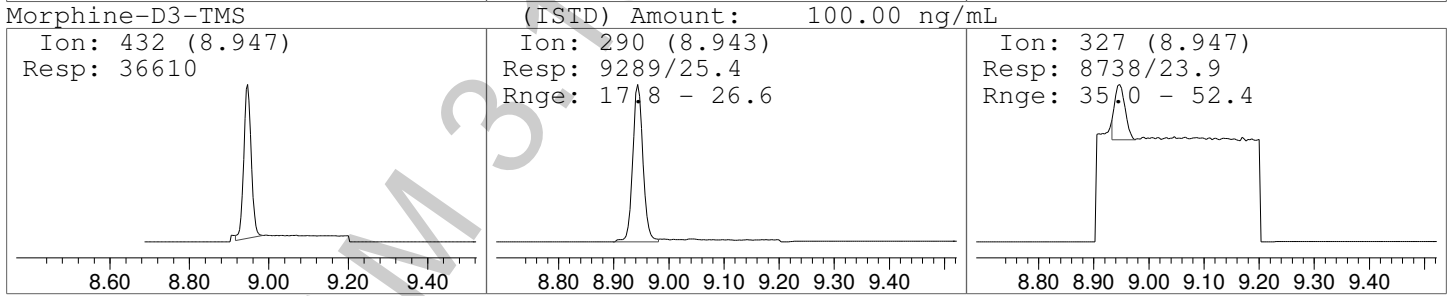
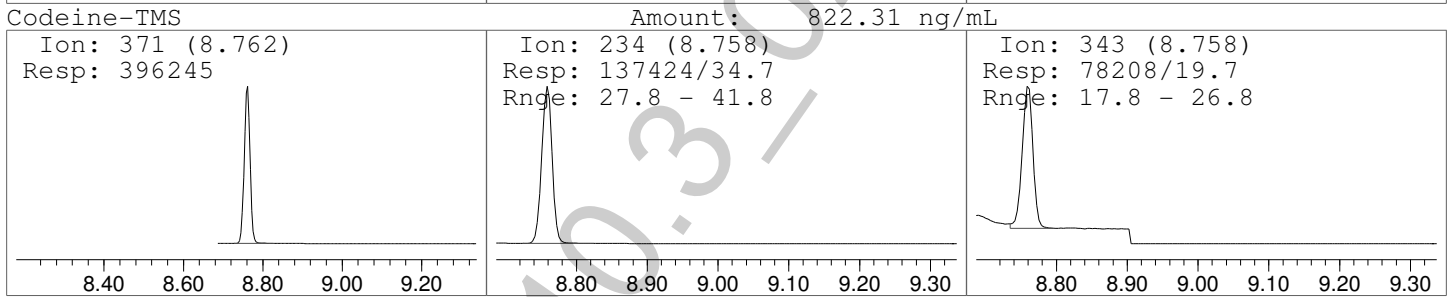
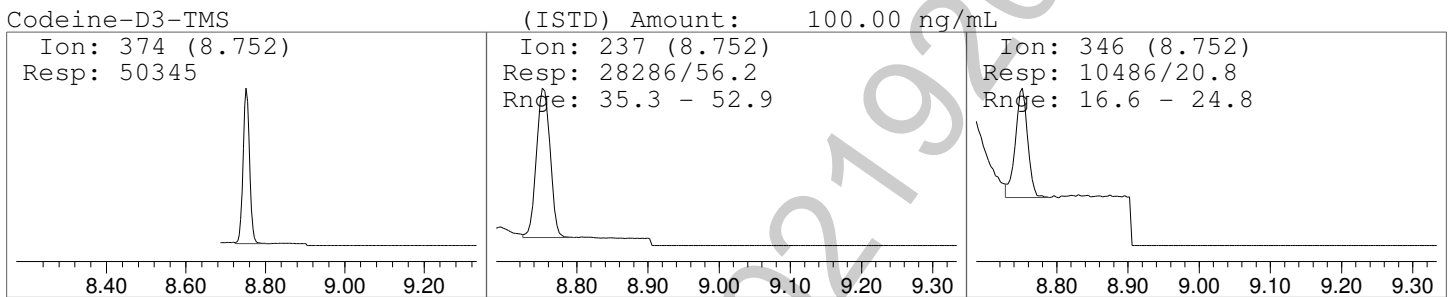
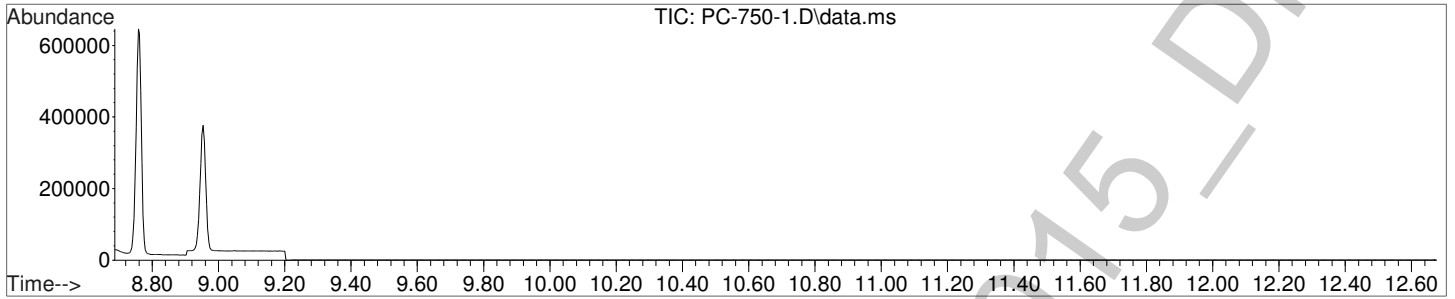


#4
Morphine-TMS
Concen: 858.12 ng/mL
RT: 8.954 min Scan# 79
Delta R.T. 0.000 min
Lab File: PC-750-1.D
Acq: 19 Feb 2015 20:28

Tgt Ion	Resp	Lower	Upper
429	257681		
429	100		
287	25.2	18.6	27.8
324	21.5	15.8	23.8



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : PC-750-1.D
 Acq On : 19 Feb 2015 20:28
 Operator : D Downey
 Sample : 750ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 9 Sample Multiplier: 1



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : PC-750-1.D
 Acq On : 19 Feb 2015 20:28
 Operator : D Downey
 Sample : 750ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 20 10:54:15 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 Feb 20 10:37:18 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) Codeine-D3-TMS	8.752	374	54091m	100.00	ng/mL	0.00	
3) Morphine-D3-TMS	8.947	432	37443m*	100.00	ng/mL	0.00	
Target Compounds							
2) Codeine-TMS	8.762	371	396245	764.44	ng/mL	98	Qvalue
4) Morphine-TMS	8.954	429	257681	838.02	ng/mL	96	

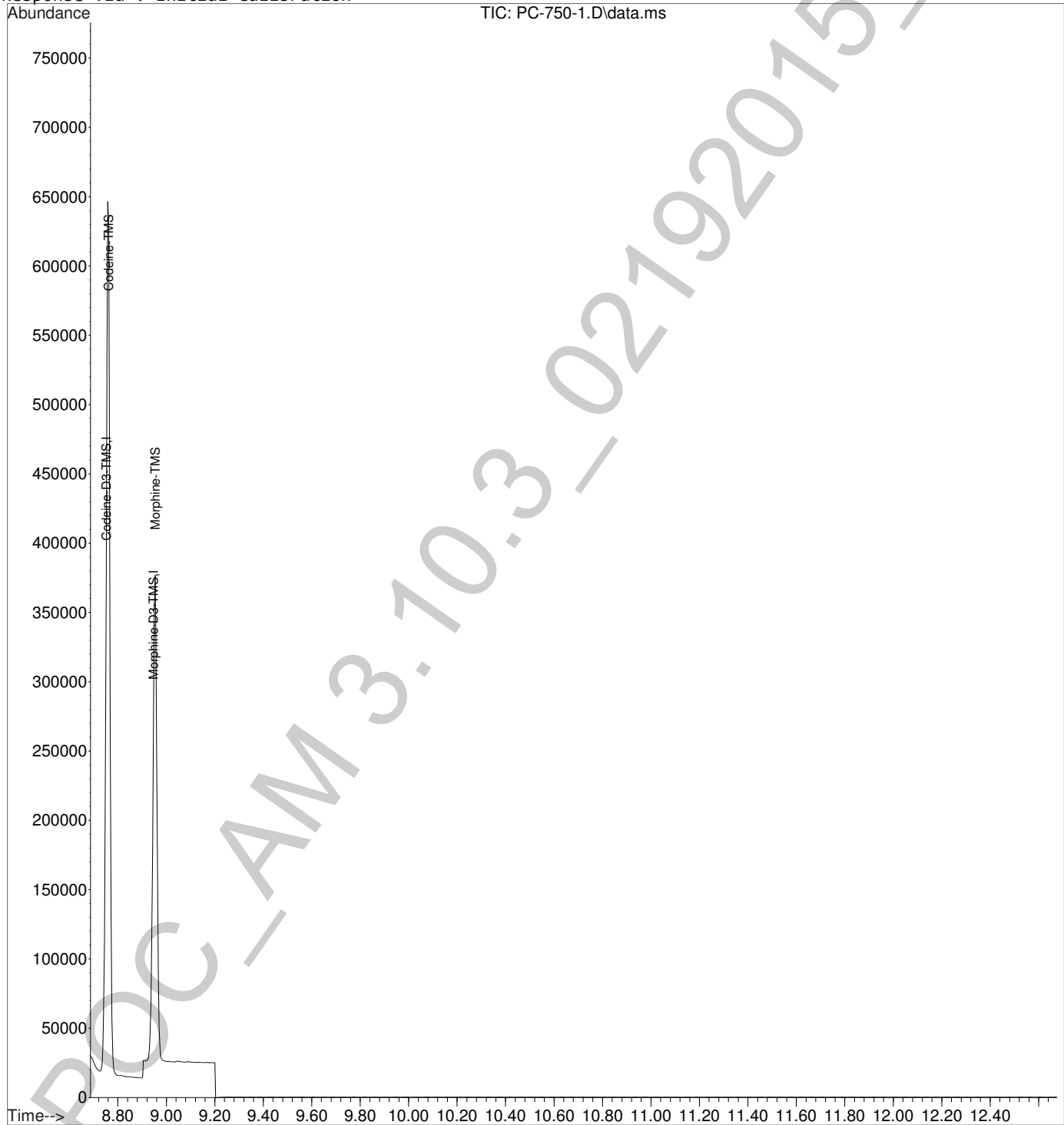
(#) = qualifier out of range (m) = manual integration (+) = signals summed

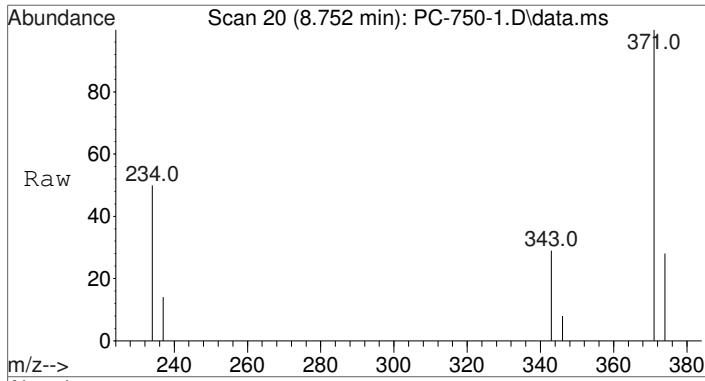
*Manual integration successful.

Data Path : C:\gcms\1\data\Blood\0219150P\
Data File : PC-750-1.D
Acq On : 19 Feb 2015 20:28
Operator : D Downey
Sample : 750ng/mL Positive Control
Misc : Analytical Method 3.10.3
ALS Vial : 9 Sample Multiplier: 1



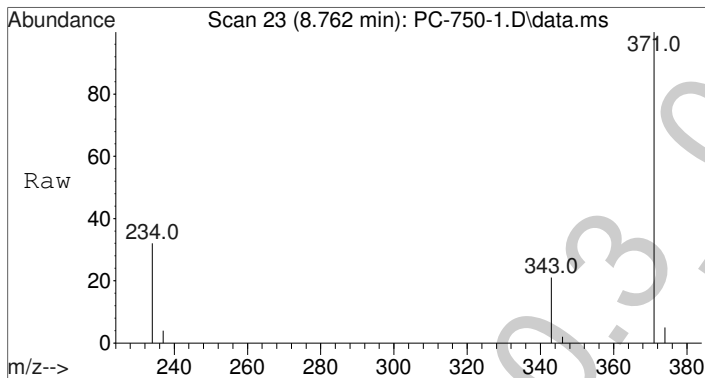
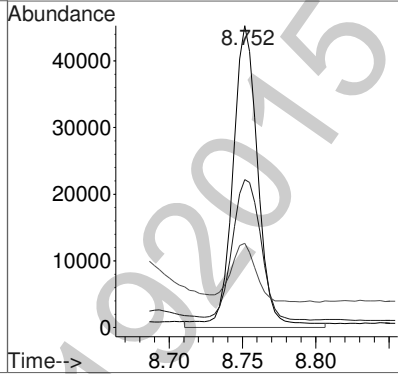
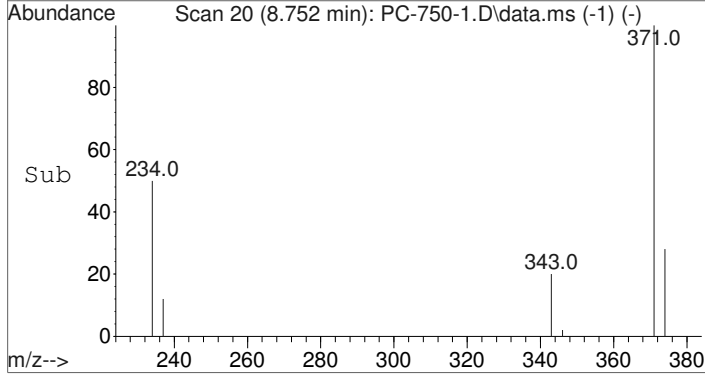
Quant Time: Feb 20 10:54:15 2015
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine
QLast Update : Fri Feb 20 10:37:18 2015
Response via : Initial Calibration





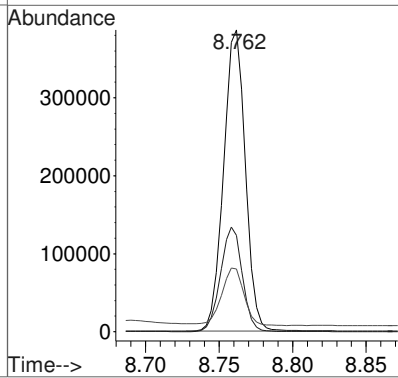
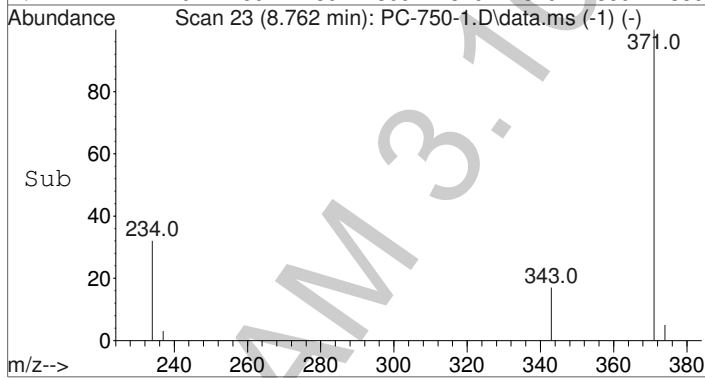
#1
 Codeine-D3-TMS
 Concen: 100.00 ng/mL m
 RT: 8.752 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: PC-750-1.D
 Acq: 19 Feb 2015 20:28

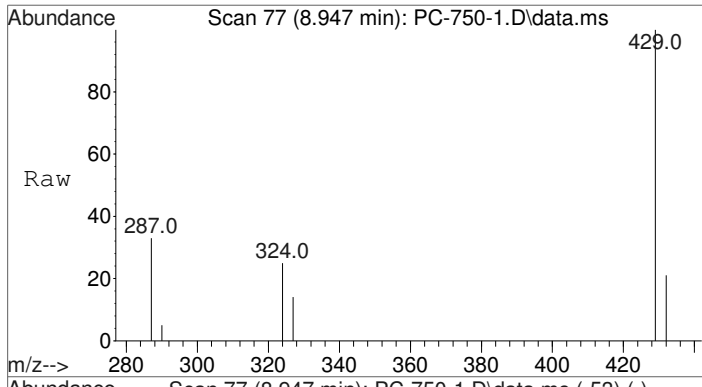
Tgt Ion	Resp	Lower	Upper
374	54091		
374	100		
237	52.3	35.3	52.9
346	19.4	16.6	24.8



#2
 Codeine-TMS
 Concen: 764.44 ng/mL
 RT: 8.762 min Scan# 23
 Delta R.T. 0.003 min
 Lab File: PC-750-1.D
 Acq: 19 Feb 2015 20:28

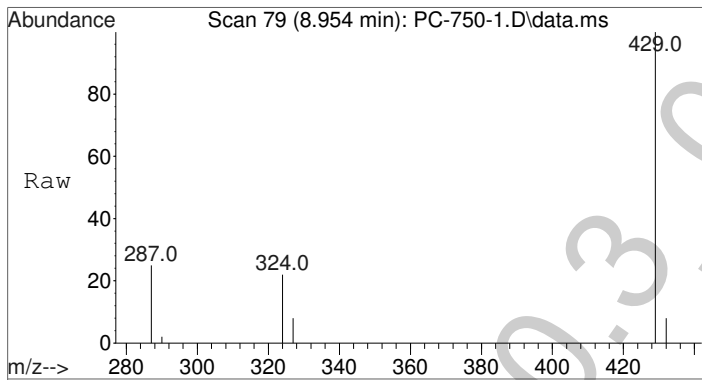
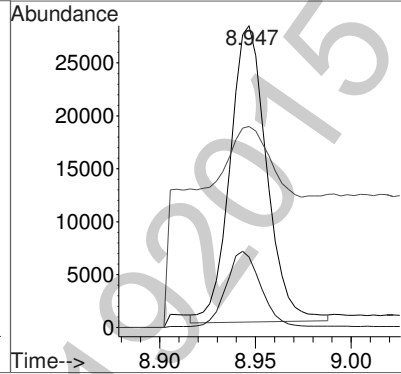
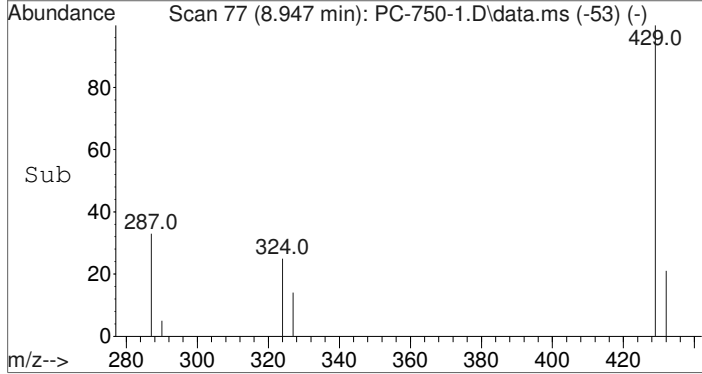
Tgt Ion	Resp	Lower	Upper
371	396245		
371	100		
234	34.7	27.8	41.8
343	19.7	17.8	26.8





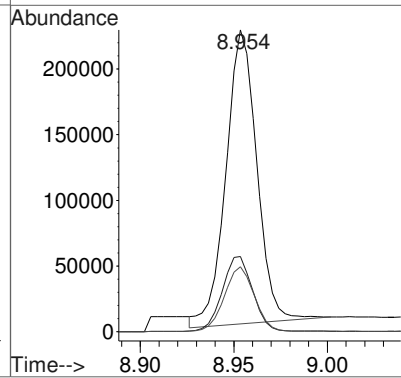
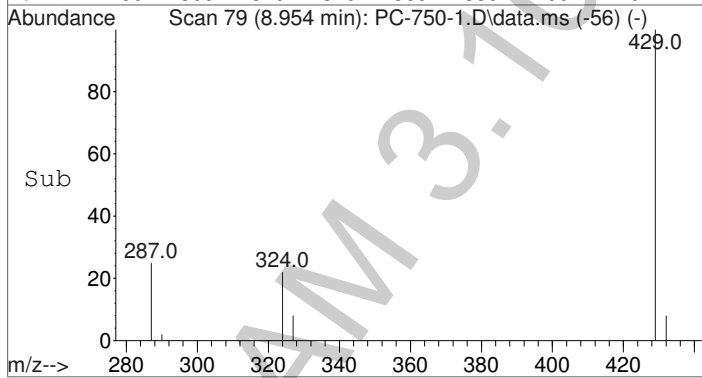
#3
 Morphine-D3-TMS
 Concen: 100.00 ng/mL m
 RT: 8.947 min Scan# 77
 Delta R.T. 0.003 min
 Lab File: PC-750-1.D
 Acq: 19 Feb 2015 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
432	100	37443		
290	24.8	17.8	26.6	
327	23.3	35.0	52.4	

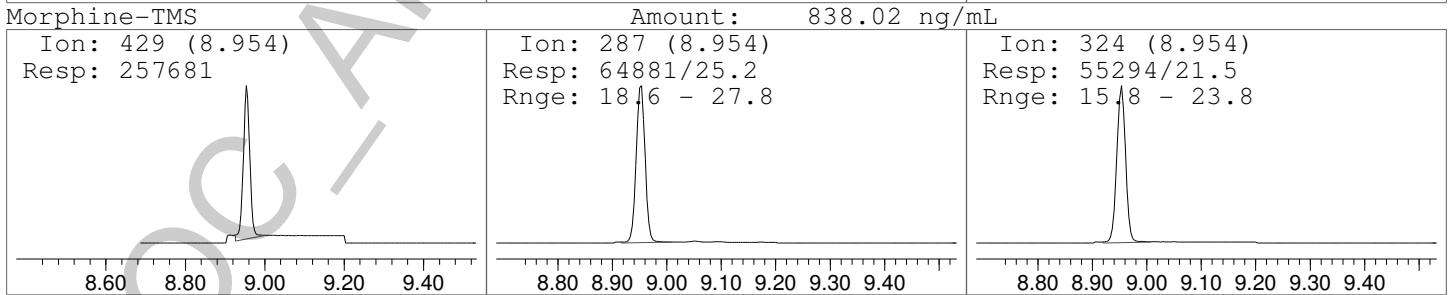
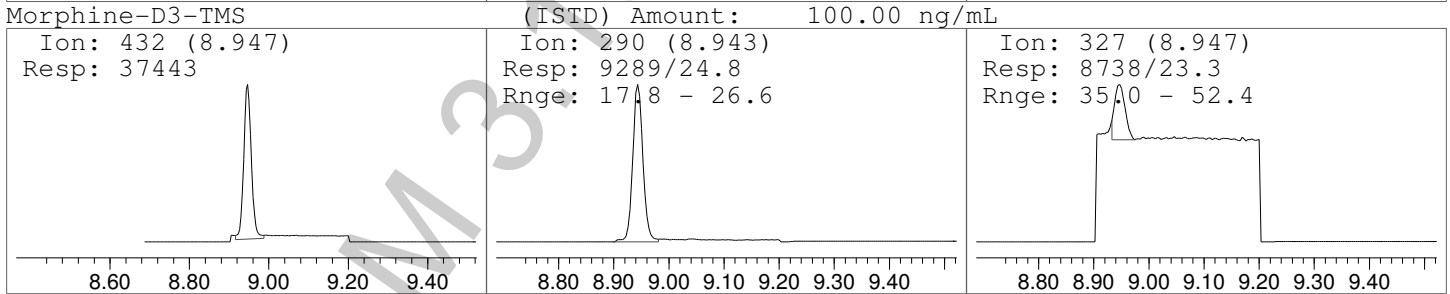
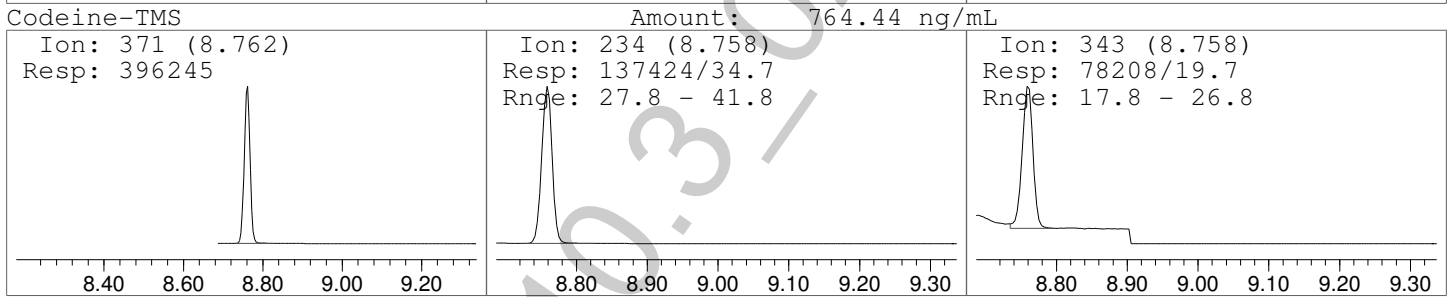
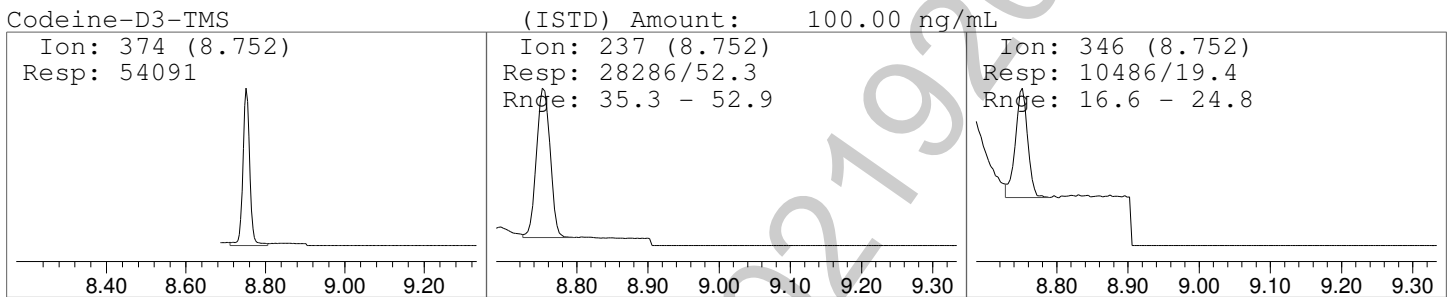
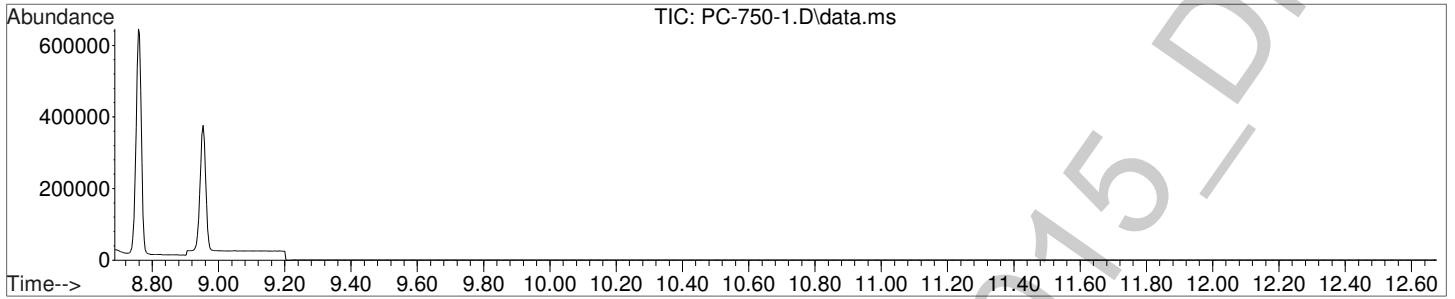


#4
 Morphine-TMS
 Concen: 838.02 ng/mL
 RT: 8.954 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: PC-750-1.D
 Acq: 19 Feb 2015 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
429	100	257681		
287	25.2	18.6	27.8	
324	21.5	15.8	23.8	



Data Path : C:\gcms\1\data\Blood\021915OP\
 Data File : PC-750-1.D
 Acq On : 19 Feb 2015 20:28
 Operator : D Downey
 Sample : 750ng/mL Positive Control
 Misc : Analytical Method 3.10.3
 ALS Vial : 9 Sample Multiplier: 1





File :C:\gcms\1\data\Blood\021915OP\Post-Blank.D
Operator : D Downey
Acquired : 20 Feb 2015 1:25 using AcqMethod AM-3-10-3-3.M
Instrument : Probie
Sample Name: Post-run Solvent Blank
Misc Info : CHCl3
Vial Number: 92

