


**Worklist: 795**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
C2015-1041	1	38703	3.10.3 Blood confirmation of co
M2015-2161	1	38705	3.10.3 Blood confirmation of co



POC\_AM 3.10.3\_07312015\_DIP

Verified that ALS vials were in the correct positions in the instrument rack on 07/31/15. 

Simulate Run Sequence Fri Jul 31 13:19:15 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\073115OP\

Method Path: C:\MSDCHEM\1\METHODS\

Line	Type	Vial	DataFile	Method	Sample Name
1)	Sample	100	Pre-run	Solvent Blank	
	Datafile		Pre-run	SolventBlk	
	Method		AM-3-10-3-3		
2)	Sample	9	750ng/mL	Positive Control	
	Datafile		Pre-run	PC-FS	
	Method		AM3-10-3-FS		
3)	Sample	9	750ng/mL	Positive Control	
	Datafile		Pre-run	PC	
	Method		AM-3-10-3-3		
4)	Sample	99	Pre-run	Solvent Blank	
	Datafile		Pre-Blank	SolventBlk	
	Method		AM-3-10-3-3		
5)	Sample	1	Negative Whole Blood	Utak Lot B0130	
	Datafile		Negative	WholeBlood	
	Method		AM-3-10-3-3		
6)	Sample	1	Negative Whole Blood	Utak Lot B0130	
	Datafile		Negative	WholeBlood-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		Solvent	Blk	
	Method		AM-3-10-3-3		
14)	Sample	9	750ng/mL	Positive Control	
	Datafile		PC-750-1		
	Method		AM-3-10-3-3		
15)	Sample	96	Lab No.: C2015-1041-1	Blank	
	Datafile		C2015-1041-1	BLK	
	Method		AM3-10-3-FS		
16)	Sample	10	Lab No.: C2015-1041-1		

Verified that ALS vials were in the correct positions in the instrument rack on 07/31/15. 

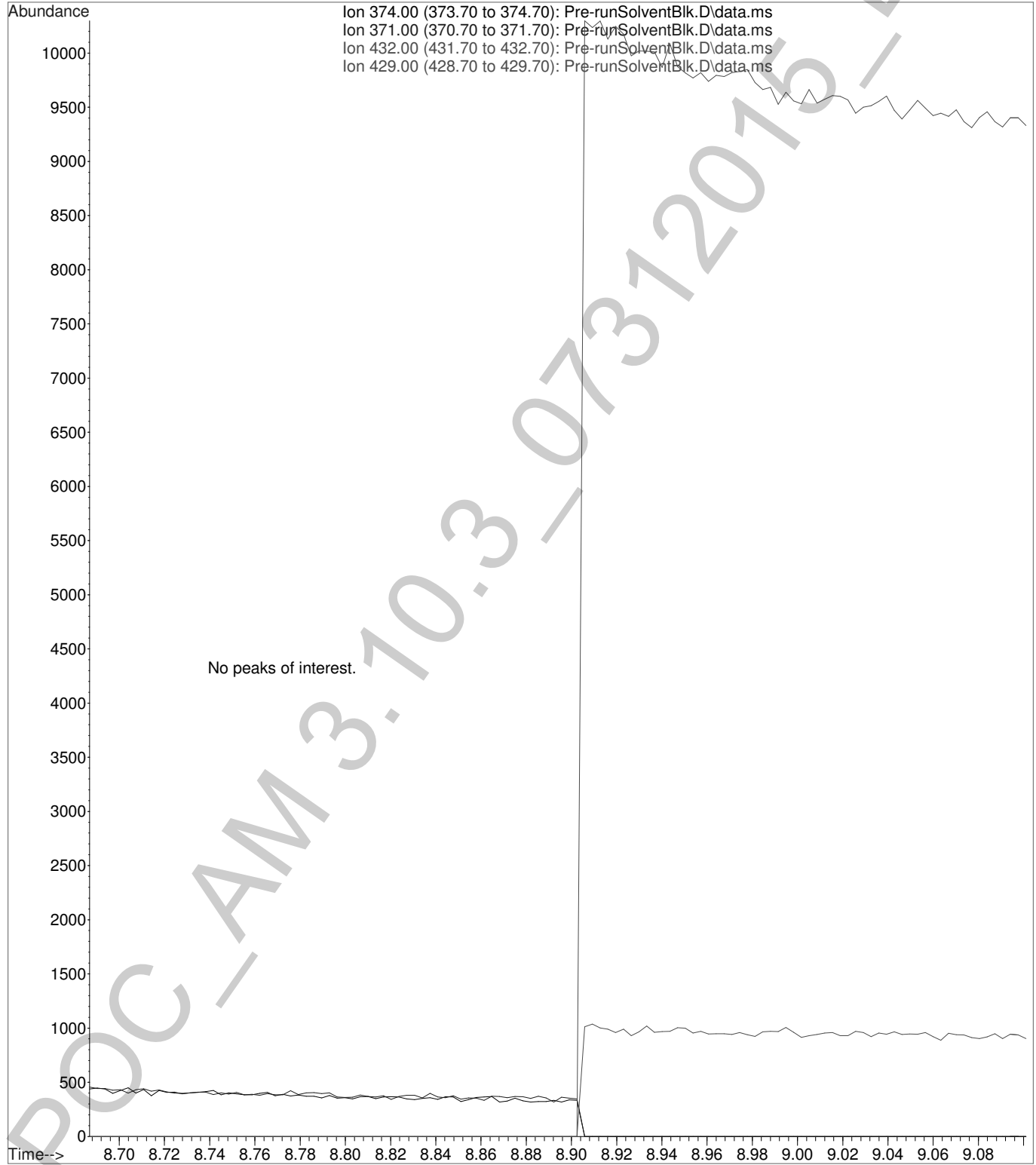


	Datafile	C2015-1041-1
	Method	AM-3-10-3-3
17)	Sample	10 Lab No.: C2015-1041-1
	Datafile	C2015-1041-1 FS
	Method	AM3-10-3-FS
18)	Sample	97 Solvent Blank
	Datafile	SolventBlk2
	Method	AM-3-10-3-3
19)	Sample	8 75ng/mL Positive Control
	Datafile	PC-75-1
	Method	AM-3-10-3-3
20)	Sample	95 Lab No.: M2015-2161-1 Blank
	Datafile	M2015-2161-1 BLK
	Method	AM3-10-3-FS
21)	Sample	11 Lab No.: M2015-2161-1
	Datafile	M2015-2161-1
	Method	AM-3-10-3-3
22)	Sample	11 Lab No.: M2015-2161-1
	Datafile	M2015-2161-1 FS
	Method	AM3-10-3-FS
23)	Sample	94 Solvent Blank
	Datafile	SolventBlk3
	Method	AM-3-10-3-3

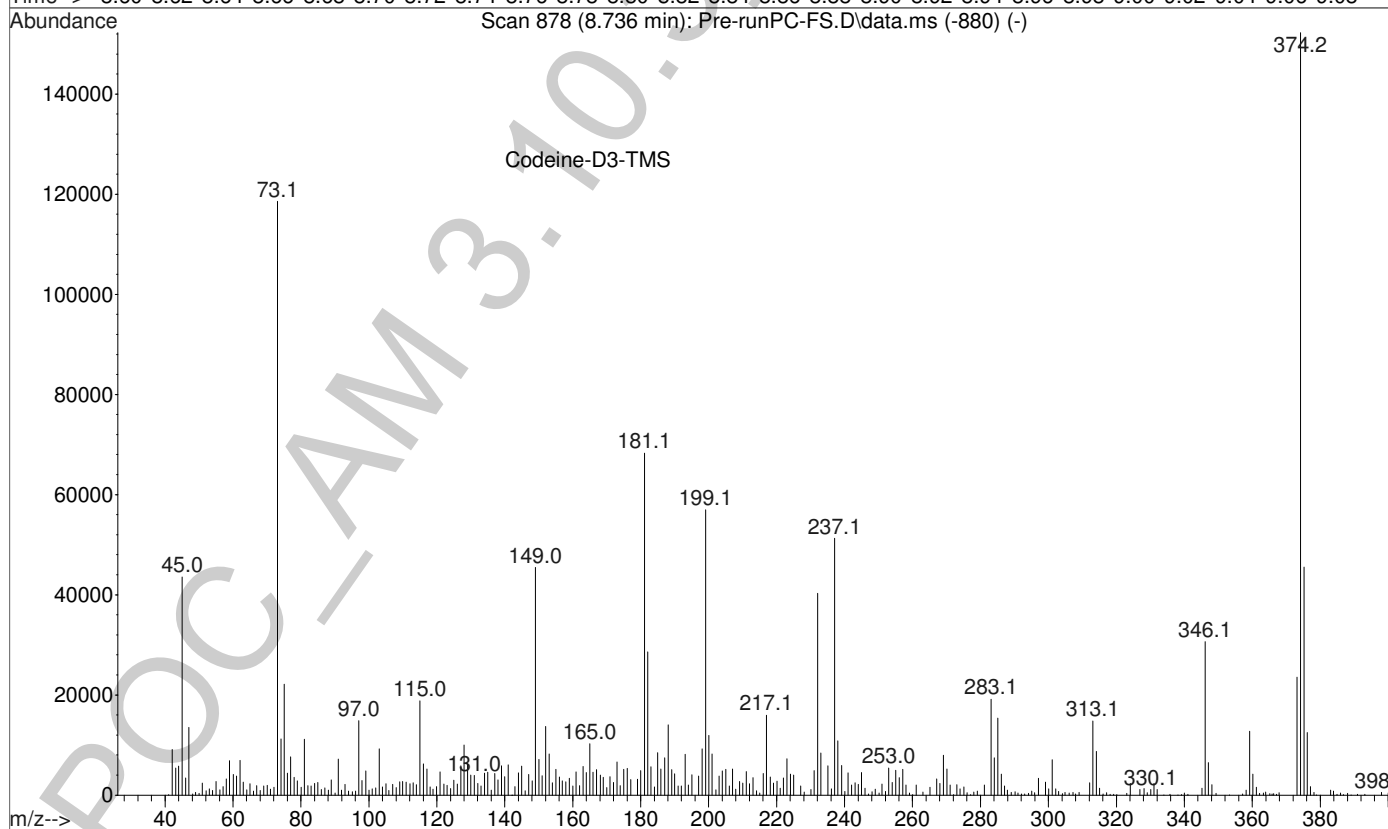
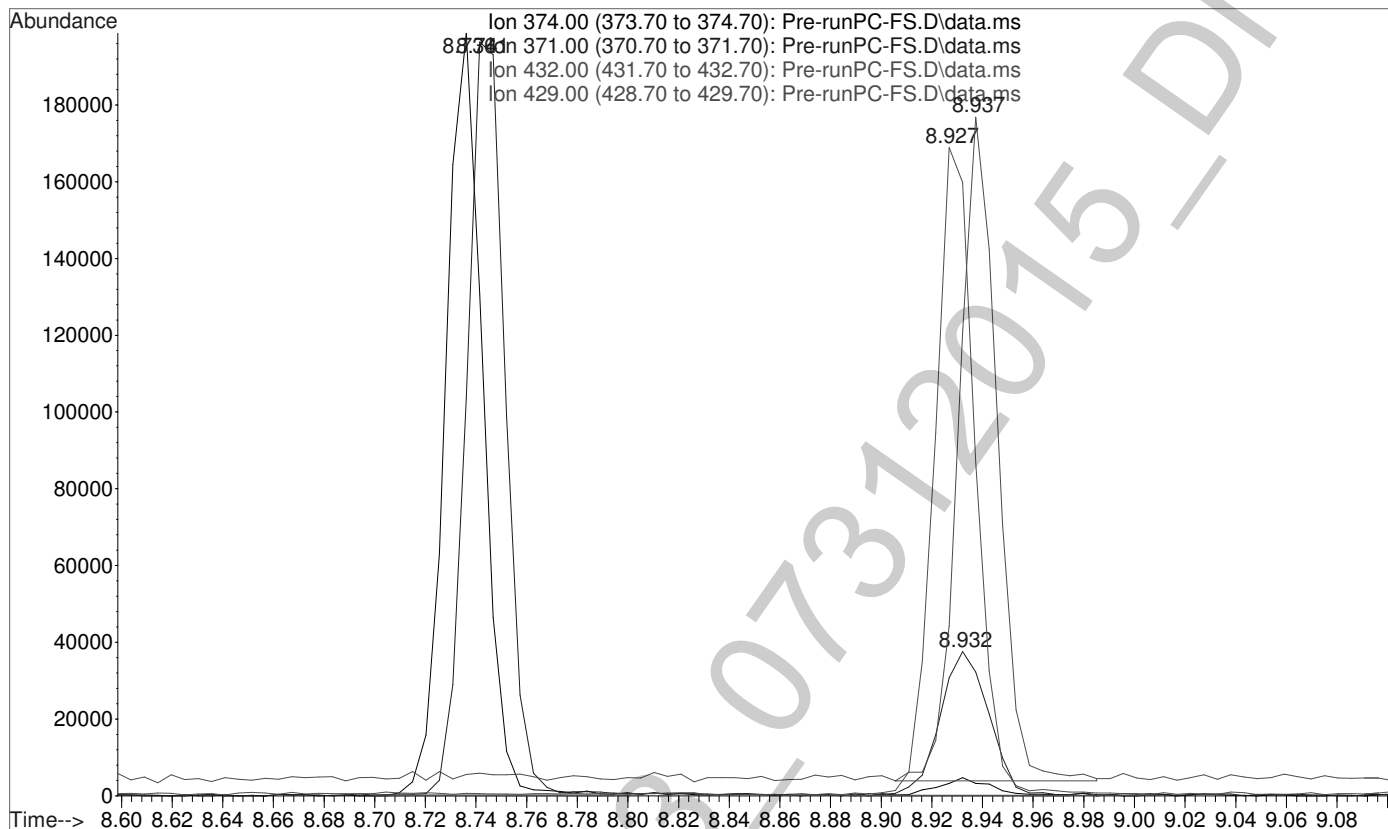
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Sequence Verification Done!

POC\_AM 3.10.3\_07312015\_DND

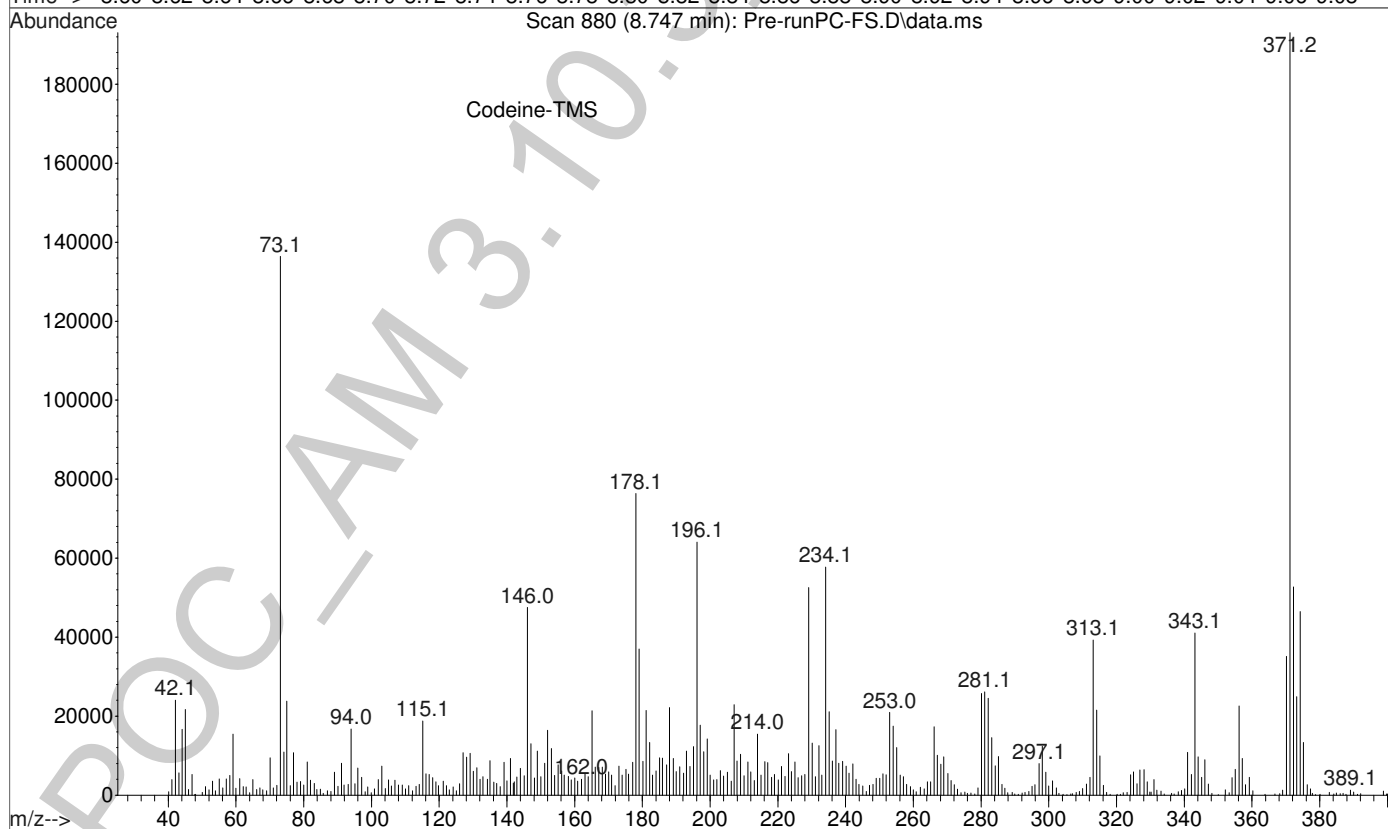
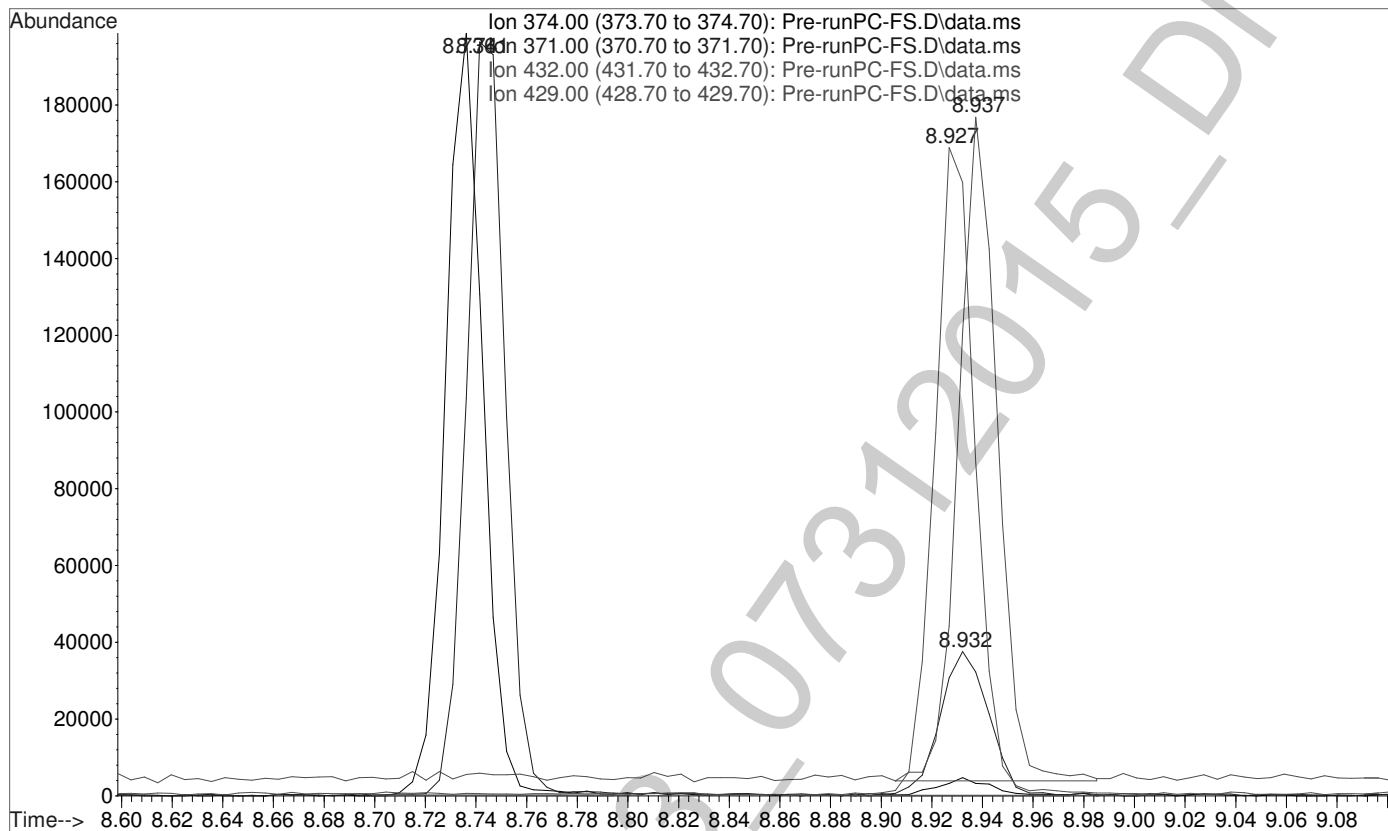
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Operator : D Downey  
Instrument : Probie  
Acquired : 31 Jul 2015 13:21 using AcqMethod AM-3-10-3-3.M  
Sample Name: Pre-run Solvent Blank  
Misc Info : CHCl3



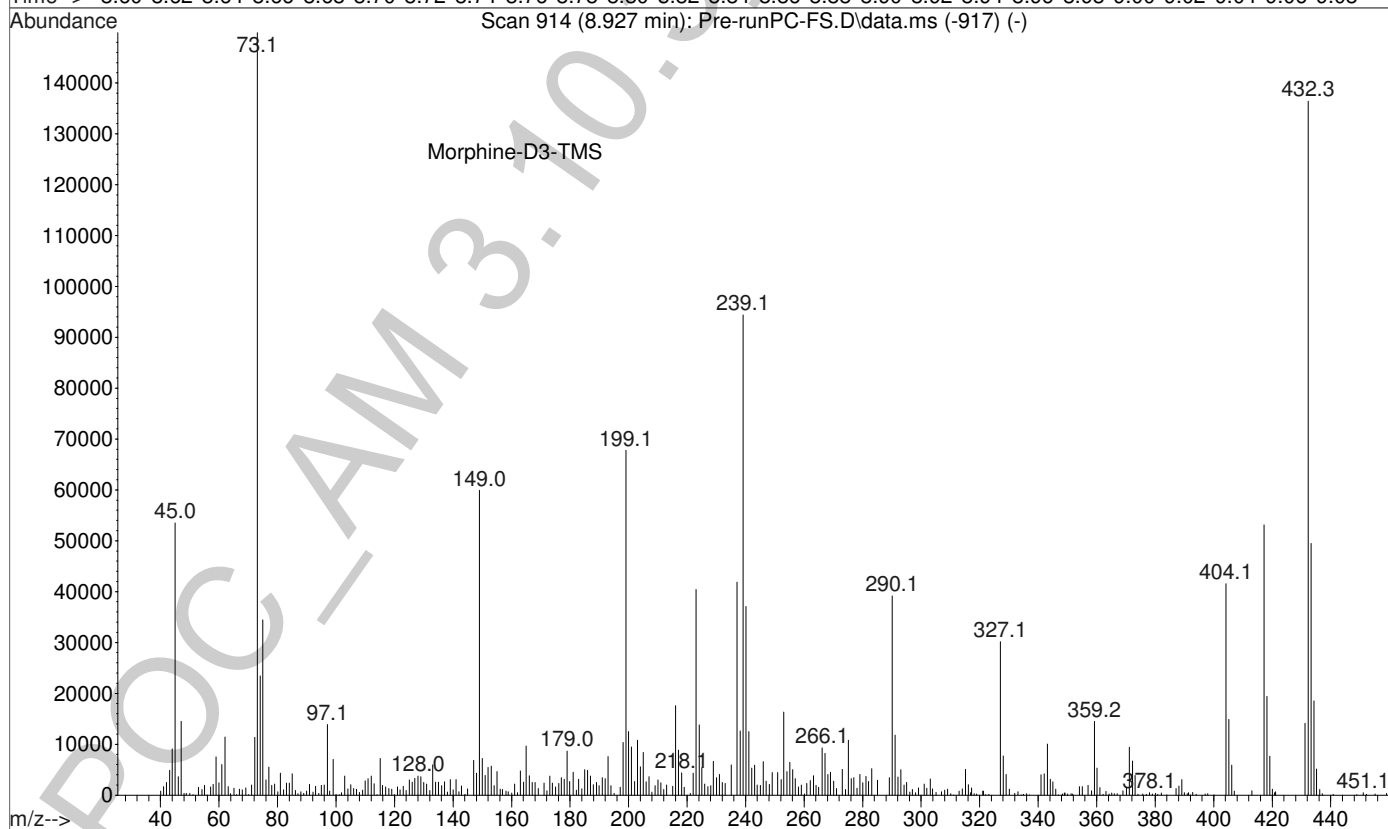
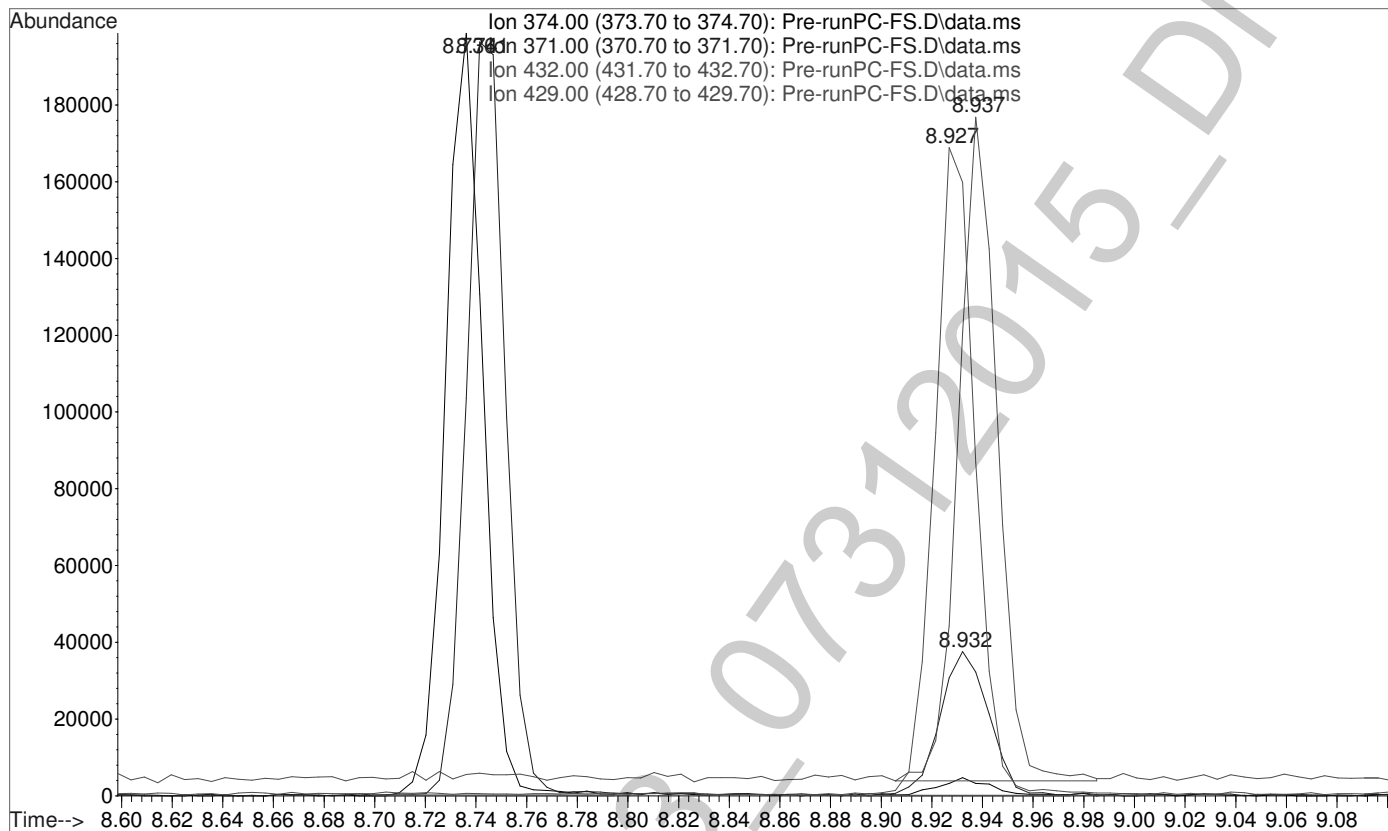
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Instrument : Probie  
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Sample Name: 750ng/mL Positive Control  
Misc Info : Analytical Method 3.10.3



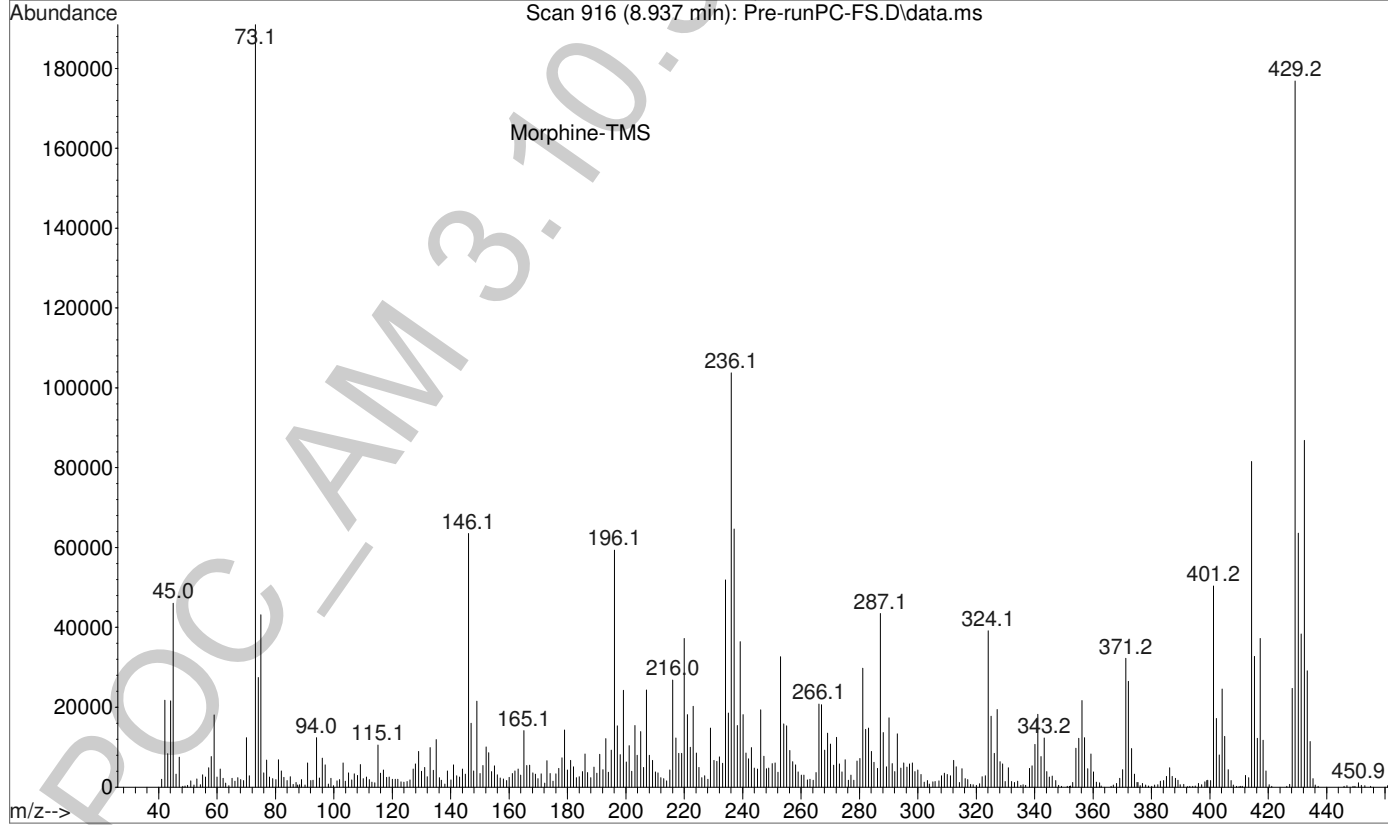
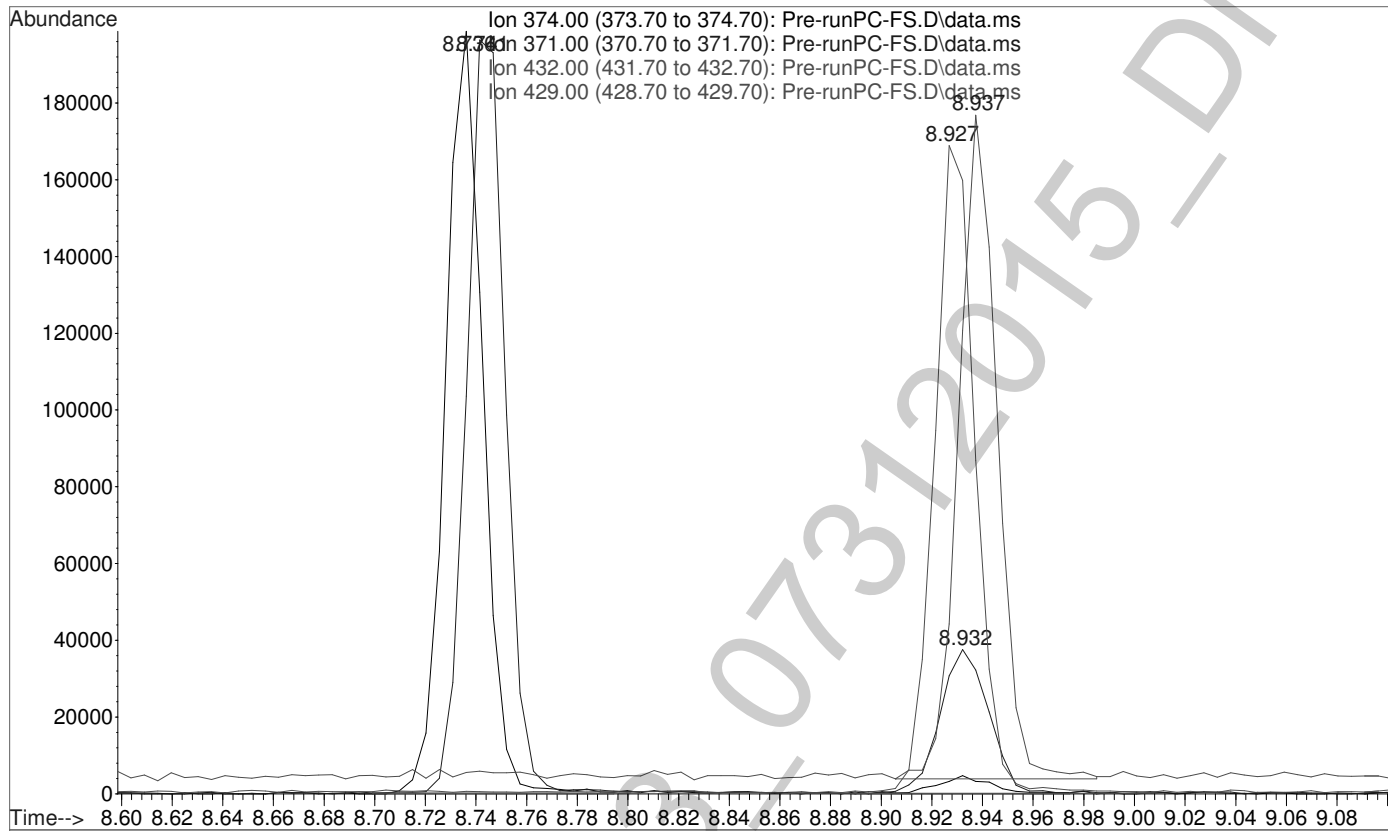
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Instrument : Probie  
Acquired : 31 Jul 2015 13:40 using AcqMethod AM3-10-3-FS.M  
Sample Name: 750ng/mL Positive Control  
Misc Info : Analytical Method 3.10.3



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Operator : D Downey  
Instrument : Probie  
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Sample Name: 750ng/mL Positive Control  
Misc Info : Analytical Method 3.10.3

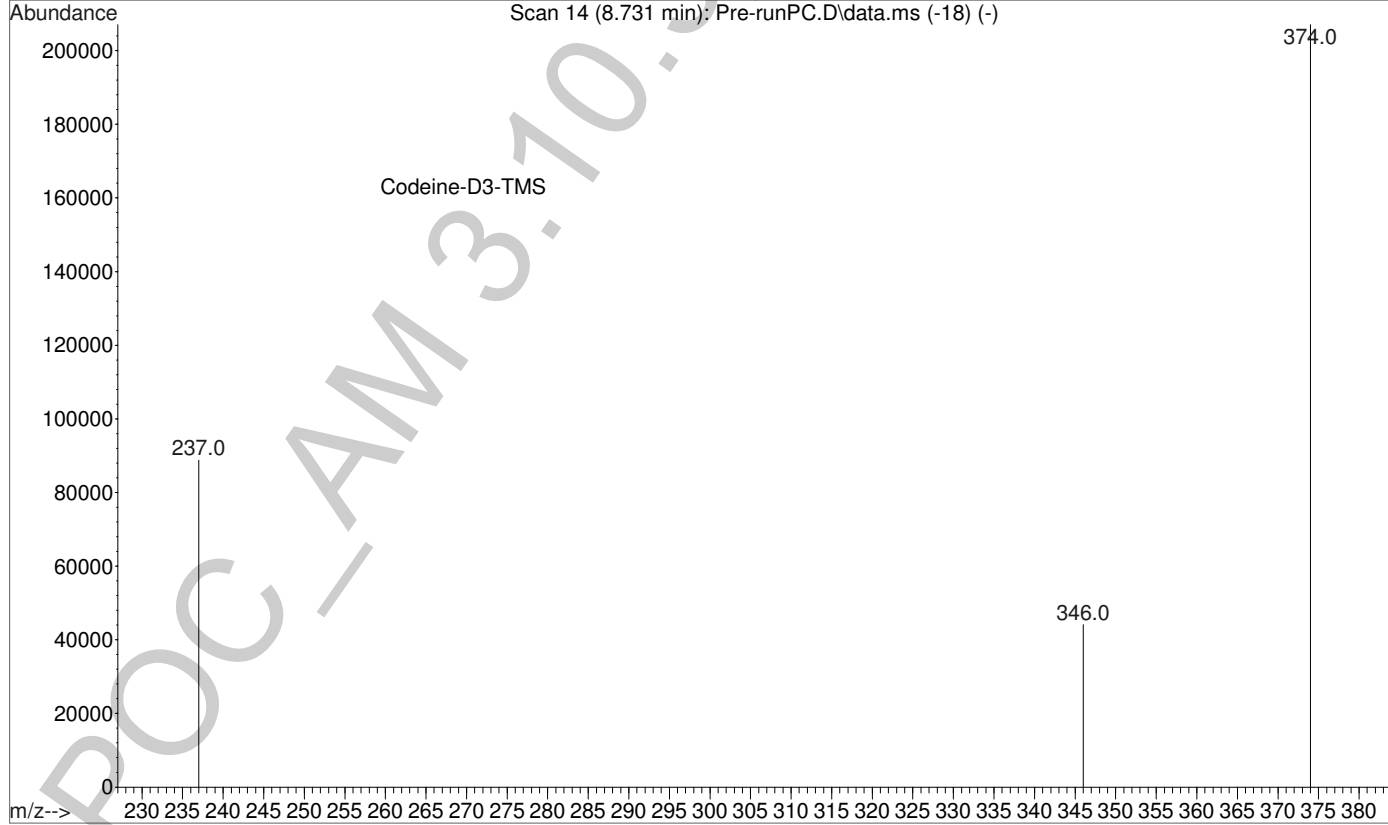
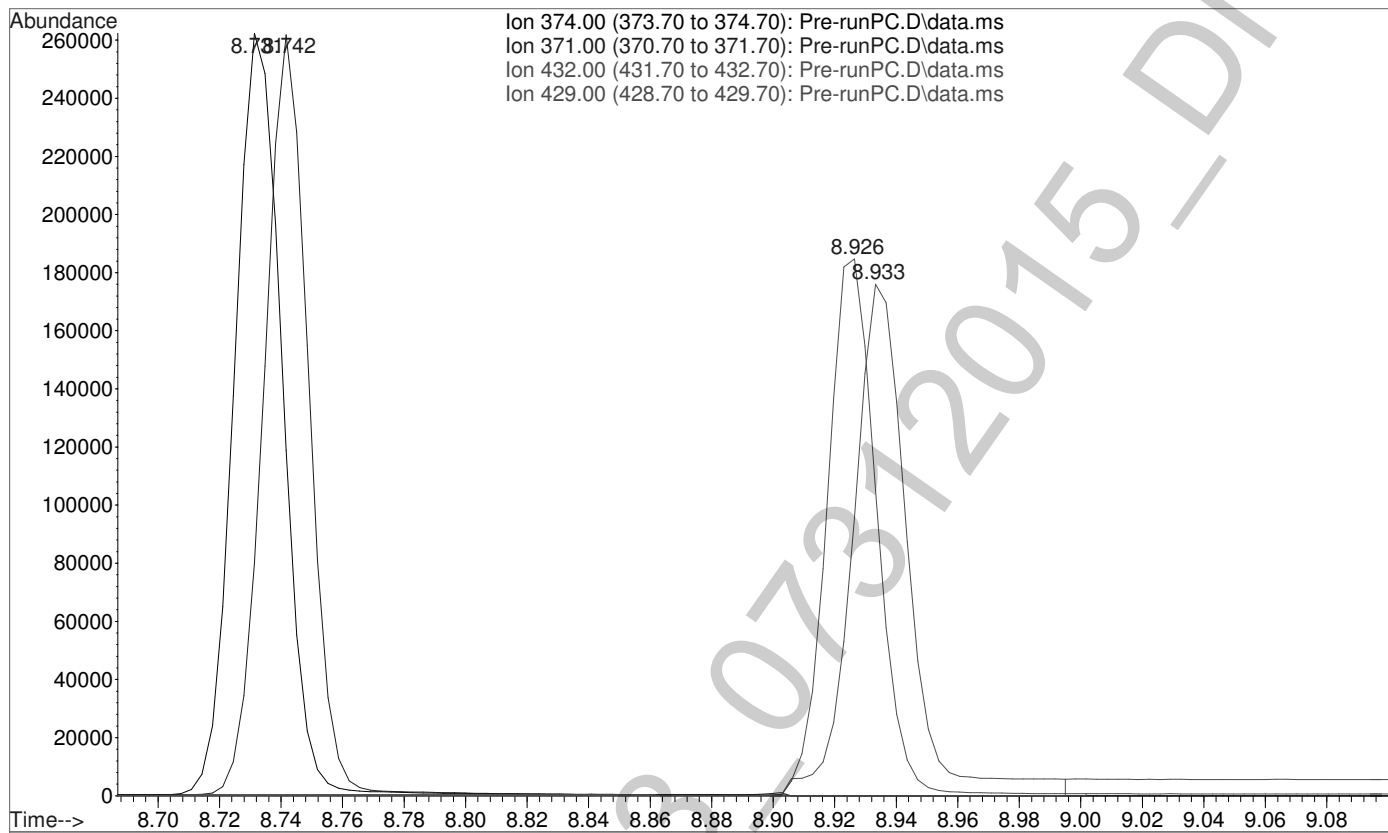


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Instrument : Probie  
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Sample Name: 750ng/mL Positive Control  
Misc Info : Analytical Method 3.10.3

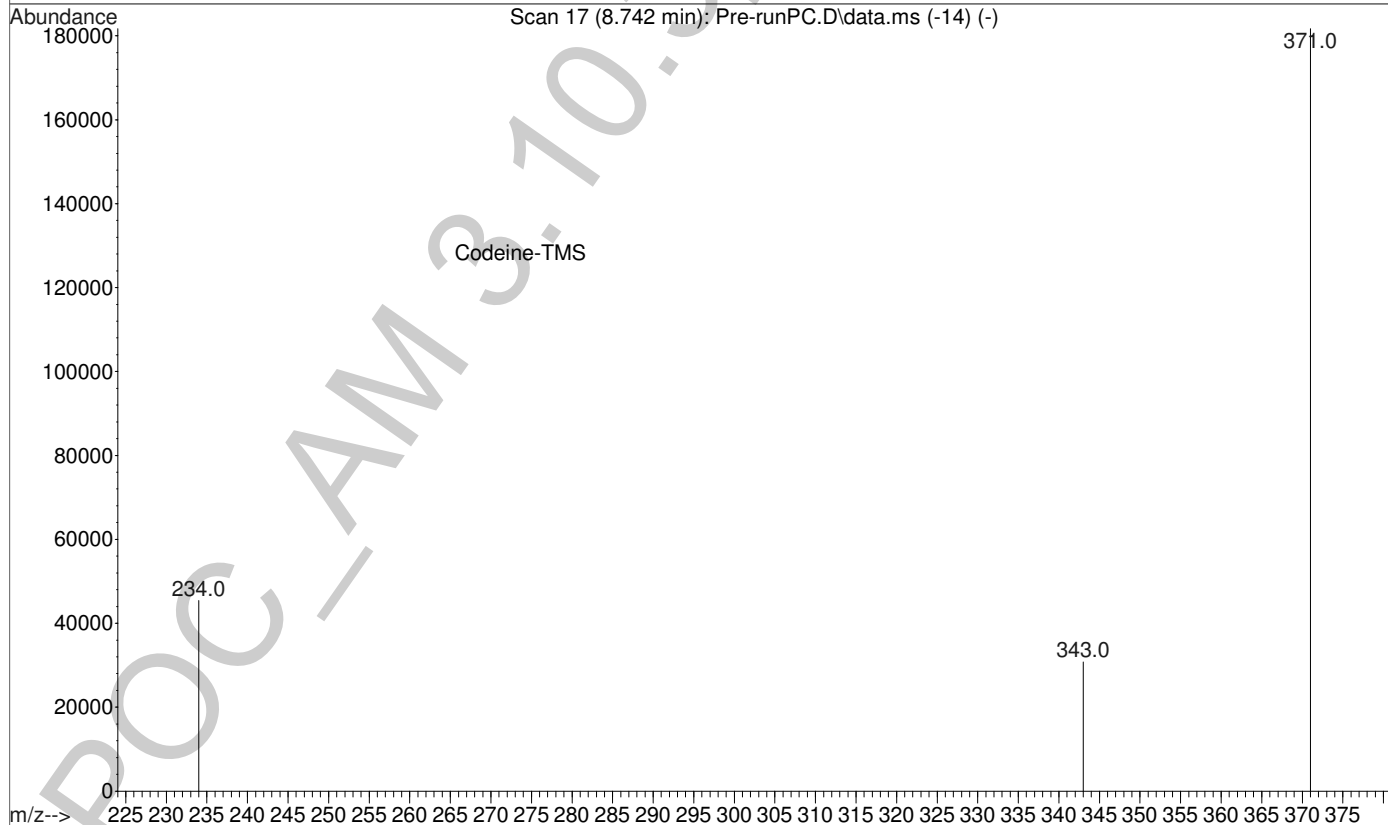
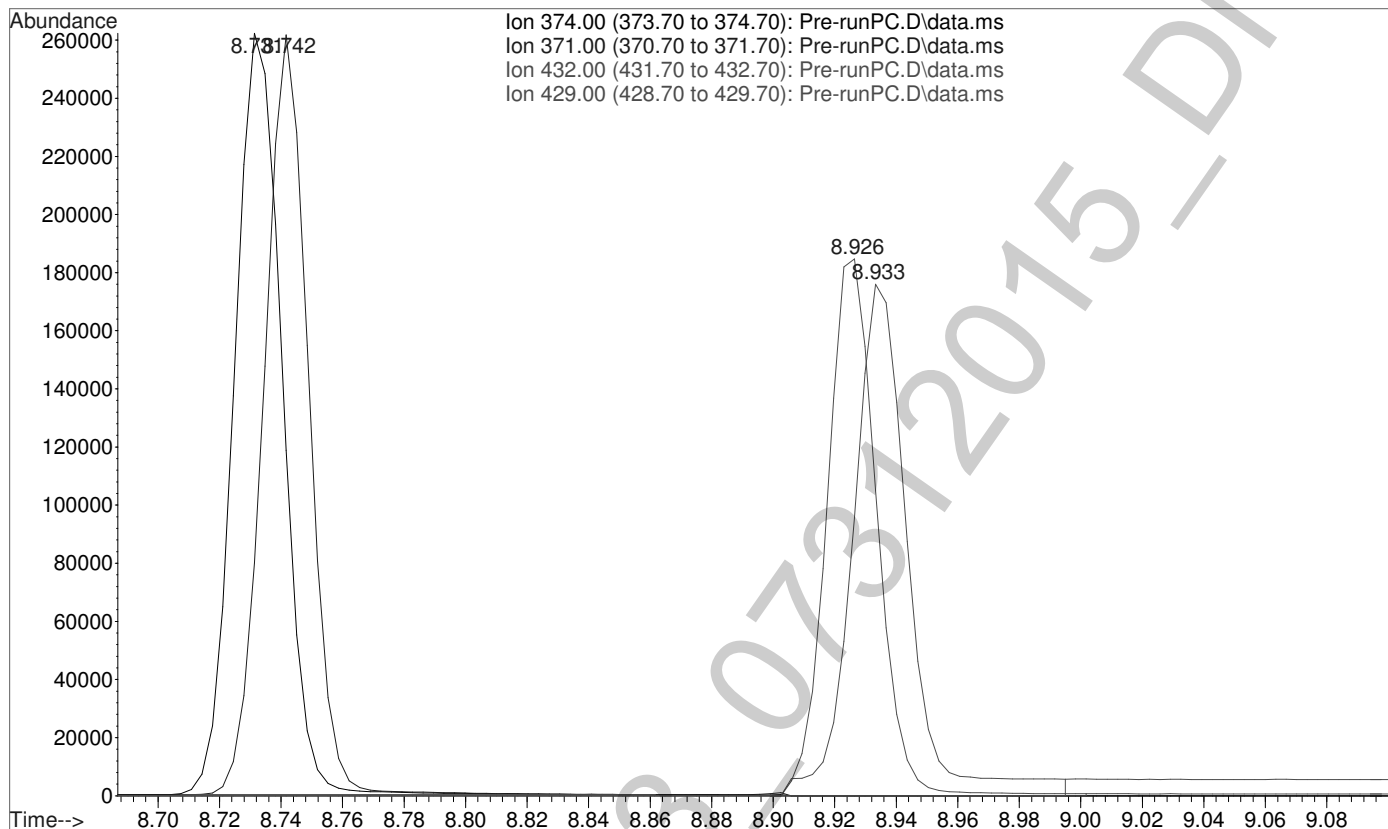




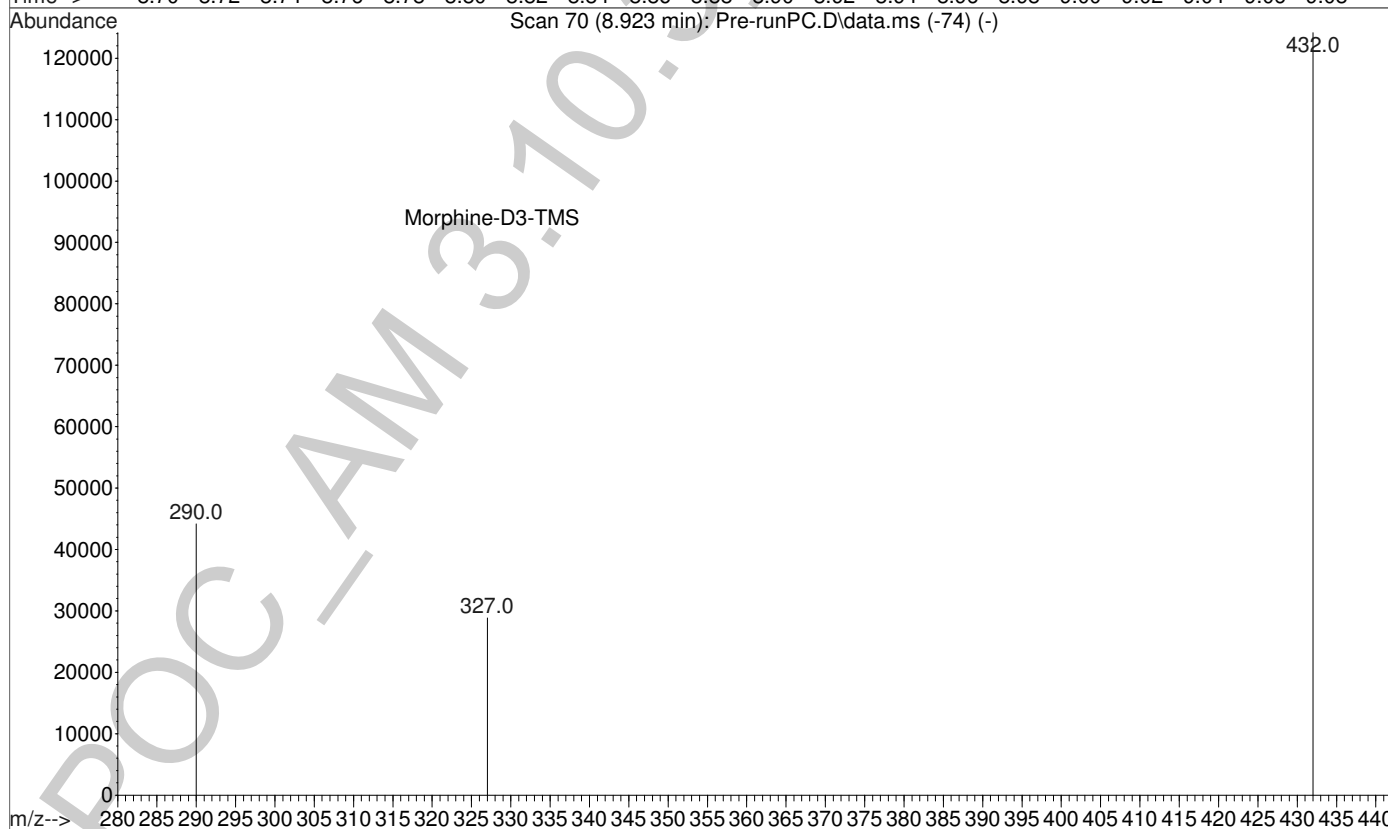
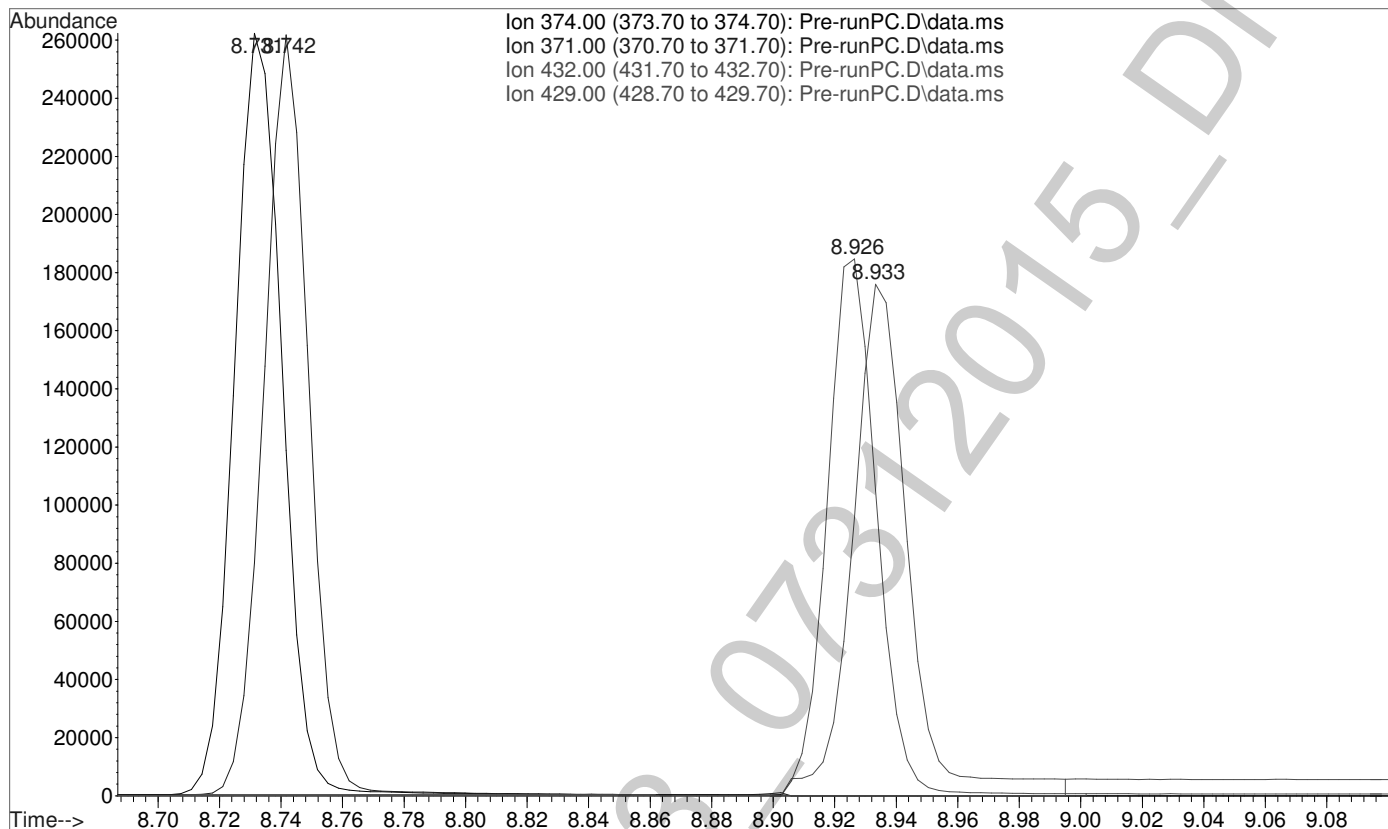
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Operator : D Downey  
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Sample Name: 750ng/mL Positive Control  
Misc Info : Analytical Method 3.10.3



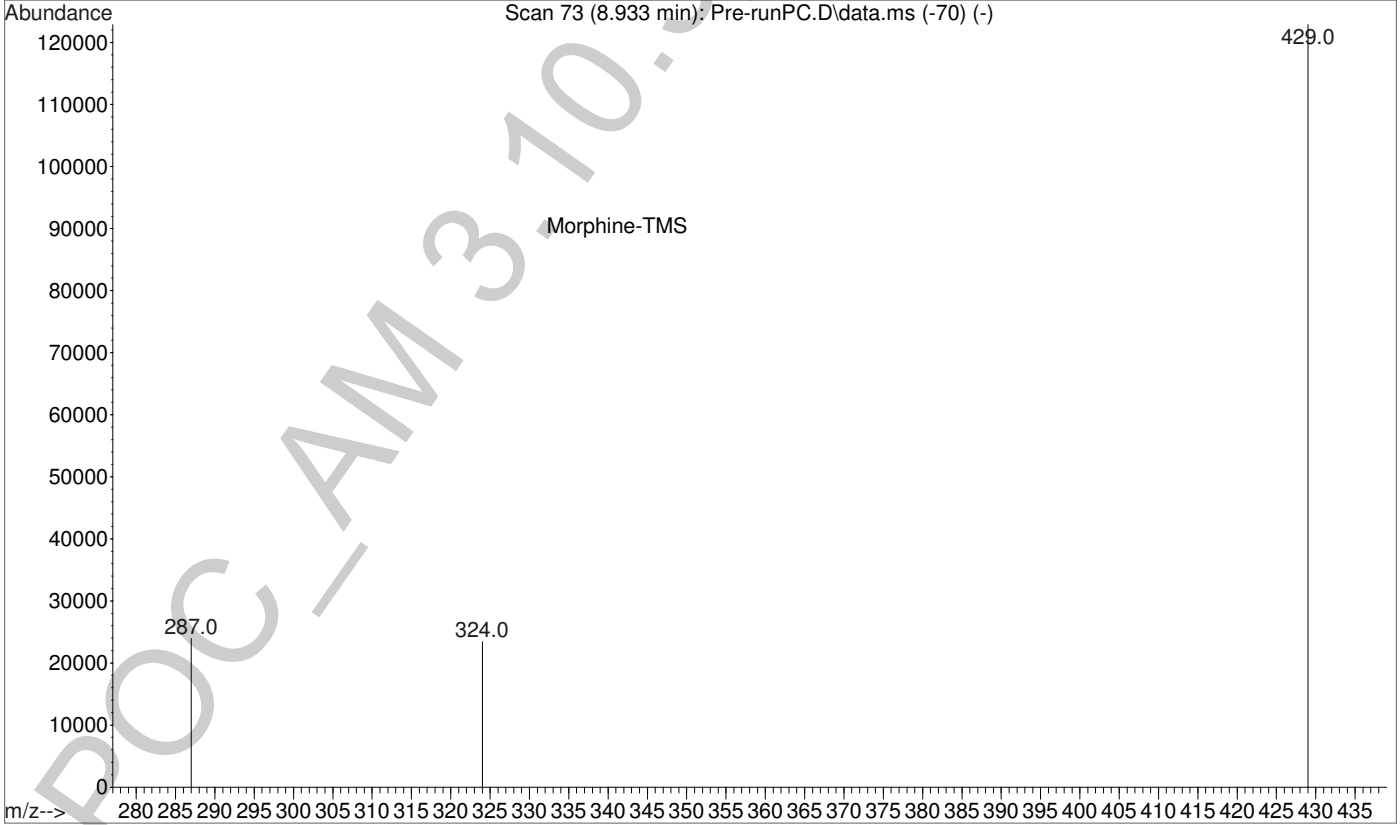
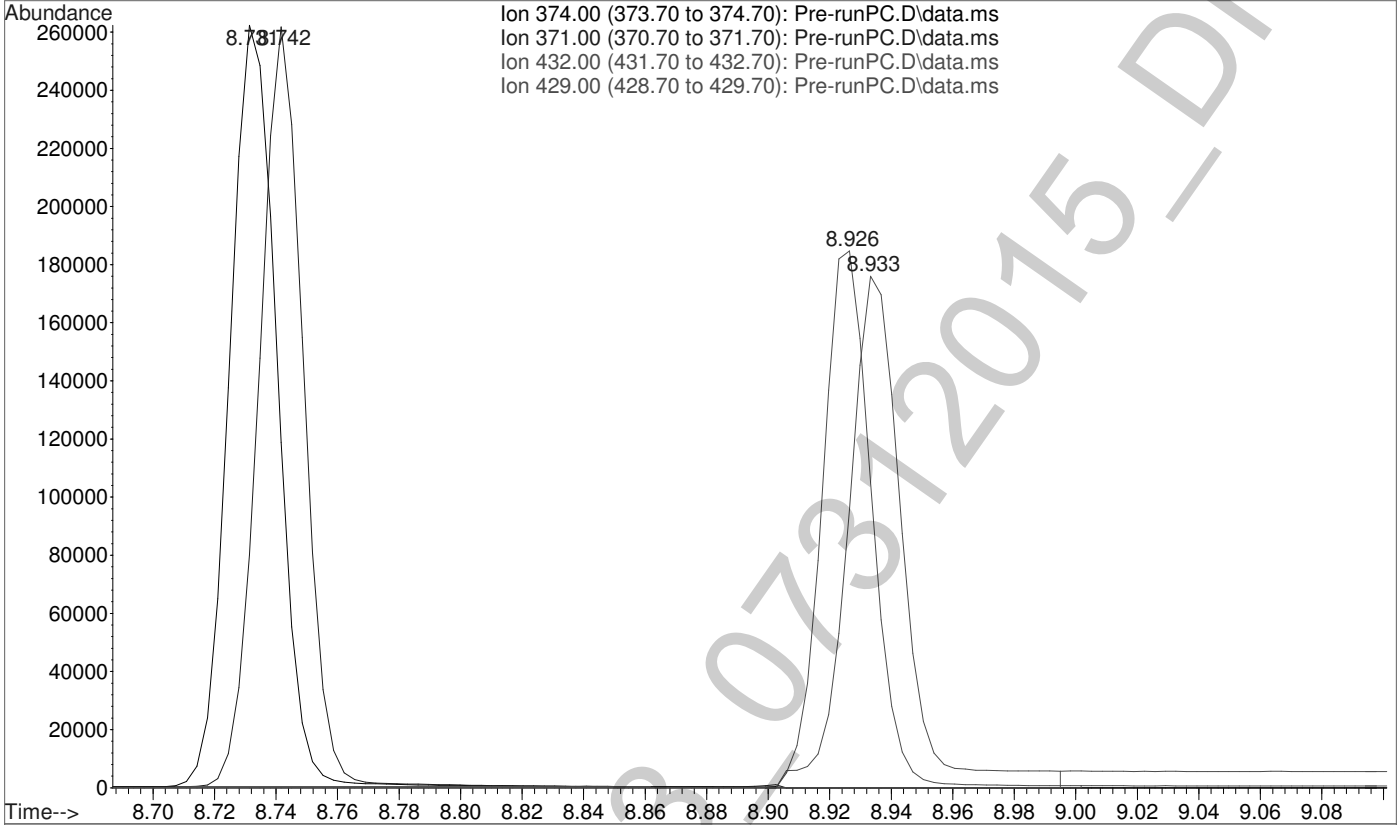
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Sample Name: 750ng/mL Positive Control  
Misc Info : Analytical Method 3.10.3



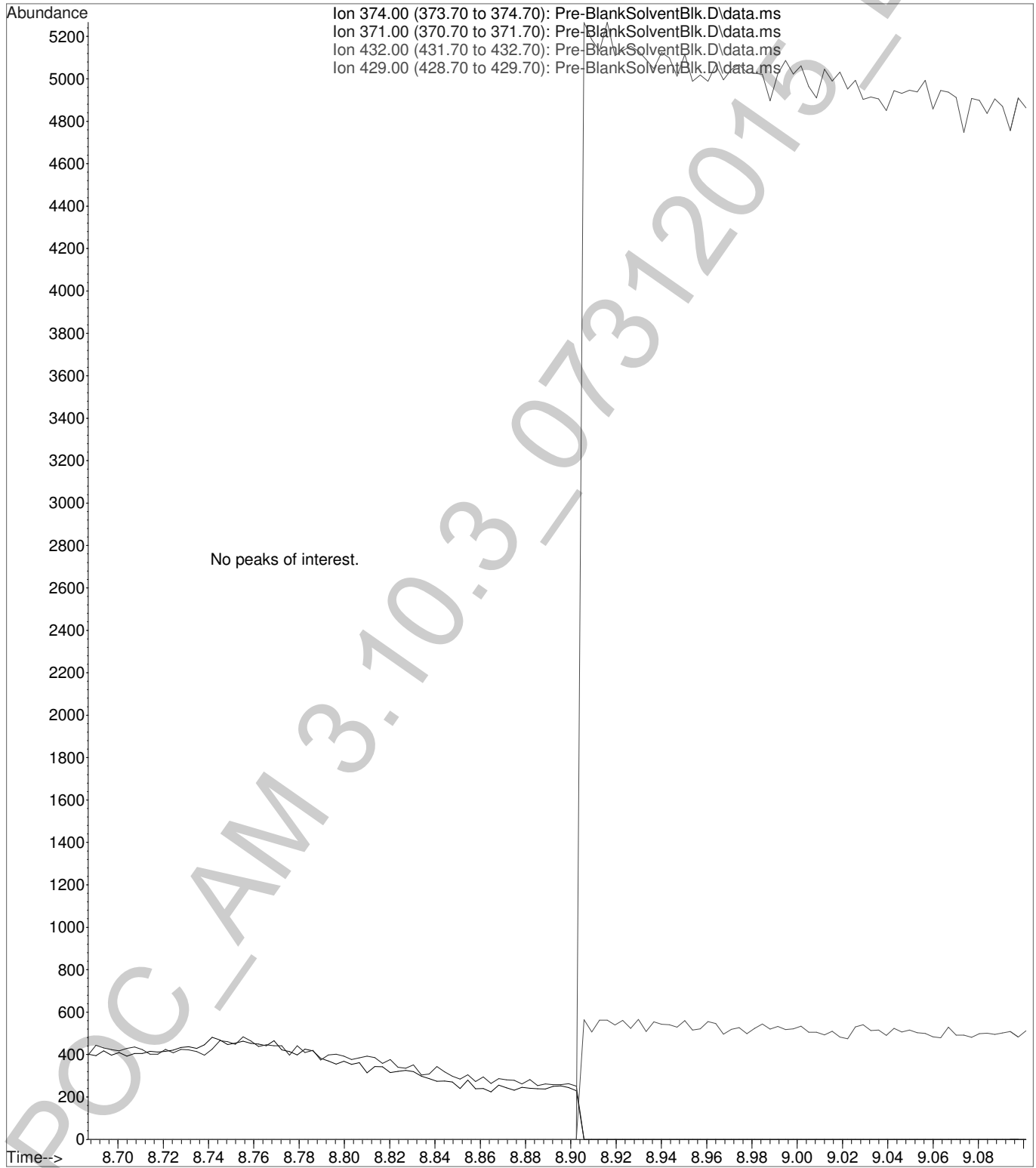
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Instrument : Probie  
Acquired : 31 Jul 2015 13:58 using AcqMethod AM-3-10-3-3.M  
Sample Name: 750ng/mL Positive Control  
Misc Info : Analytical Method 3.10.3



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Operator : D Downey  
Instrument : Probie  
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Sample Name: 750ng/mL Positive Control  
Misc Info : Analytical Method 3.10.3



File :I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\Pre-Bl  
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Operator : D Downey  
Instrument : Probie  
Acquired : 31 Jul 2015 14:17 using AcqMethod AM-3-10-3-3.M  
Sample Name: Pre-run Solvent Blank  
Misc Info : CHCl3



Calibration data of Codeine-D3-TMS



LvLID	Amount (ratio)	Response (ratio)	Data File
1	100.0000	284342.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-1-25.D
2	100.0000	298034.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-2-50.D
3	100.0000	310145.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-3-100.D
4	100.0000	307068.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-4-250.D
5	100.0000	420607.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-5-500.D
6	100.0000	262407.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-6-1000.D

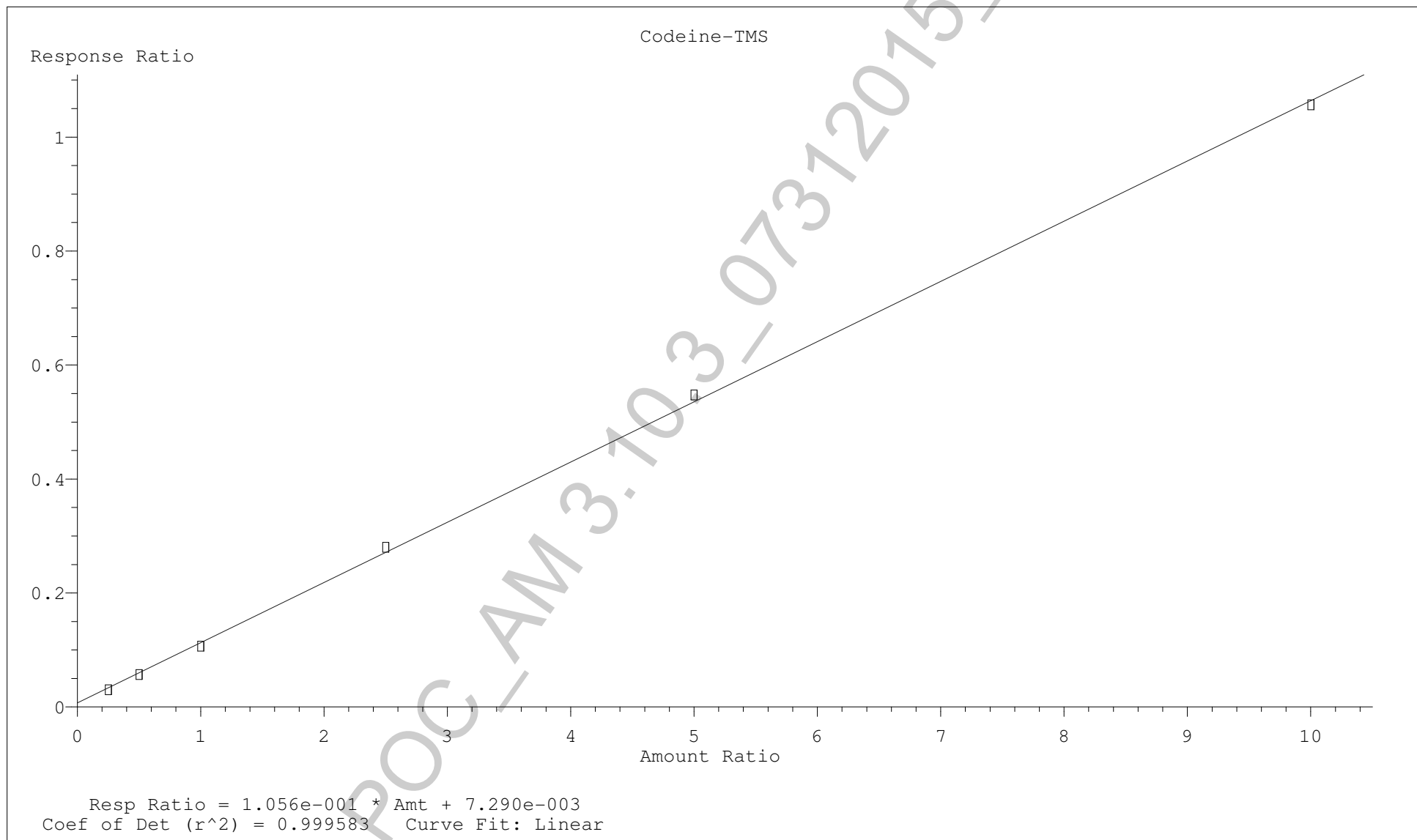
Internal Standard

POC\_AM 3.10.3\_07312015 - DND

Calibration data of Codeine-TMS



LvLID	Amount (ratio)	Response (ratio)	bias (%)	Data File
1	0.2500	0.030098	-10.69	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-1-25.D
2	0.5000	0.056782	-5.54	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-2-50.D
3	1.0000	0.106605	-5.61	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-3-100.D
4	2.5000	0.280010	3.17	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-4-250.D
5	5.0000	0.547359	2.21	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-5-500.D
6	10.0000	1.056565	-0.68	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-6-1000.D



Calibration data of Morphine-D3-TMS



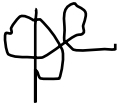
LvLID	Amount (ratio)	Response (ratio)	Data File
1	100.0000	204841.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-1-25.D
2	100.0000	212704.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-2-50.D
3	100.0000	224404.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-3-100.D
4	100.0000	229973.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-4-250.D
5	100.0000	319358.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-5-500.D
6	100.0000	196783.000000	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-6-1000.D

Internal Standard

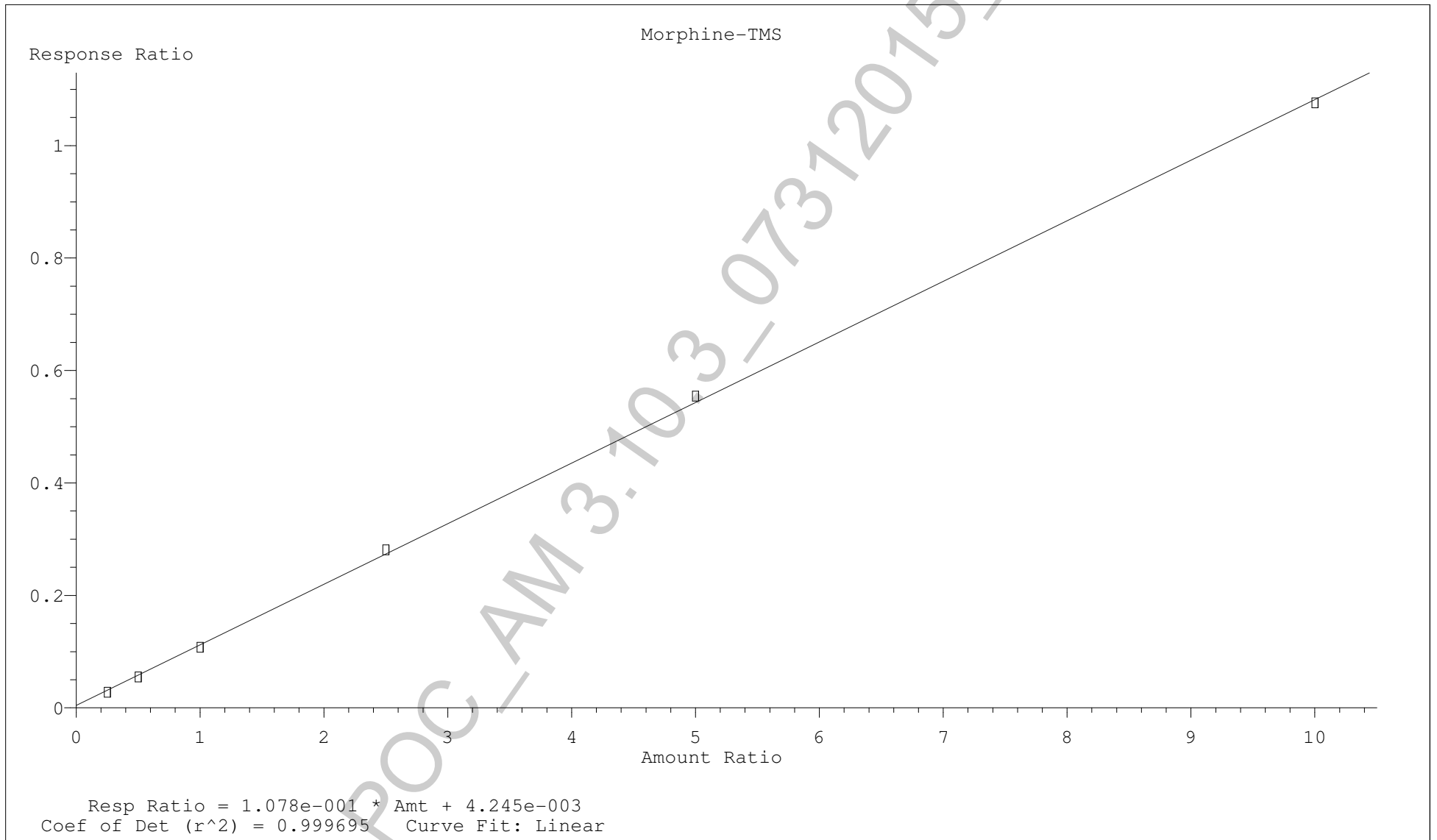
POC\_AM 3.10.3\_07312015 - 073115OP



Calibration data of Morphine-TMS



LvLID	Amount (ratio)	Response (ratio)	bias (%)	Data File
1	0.2500	0.027592	-11.56	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-1-25.D
2	0.5000	0.054729	-5.89	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-2-50.D
3	1.0000	0.107743	-3.86	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-3-100.D
4	2.5000	0.280807	2.56	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-4-250.D
5	5.0000	0.554130	1.99	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-5-500.D
6	10.0000	1.075967	-0.60	I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\CalLevel-6-1000.D



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : NegativeWholeBlood.D  
 Acq On : 31 Jul 2015 14:55  
 Operator : D Downey  
 Sample : Negative Whole Blood Utak Lot B0130  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 21:25:15 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 Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.733	374	286271	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.925	432	206811	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.736	371	1448	Below Cal		Qvalue # 1
4) Morphine-TMS	0.000		0	N.D.		

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

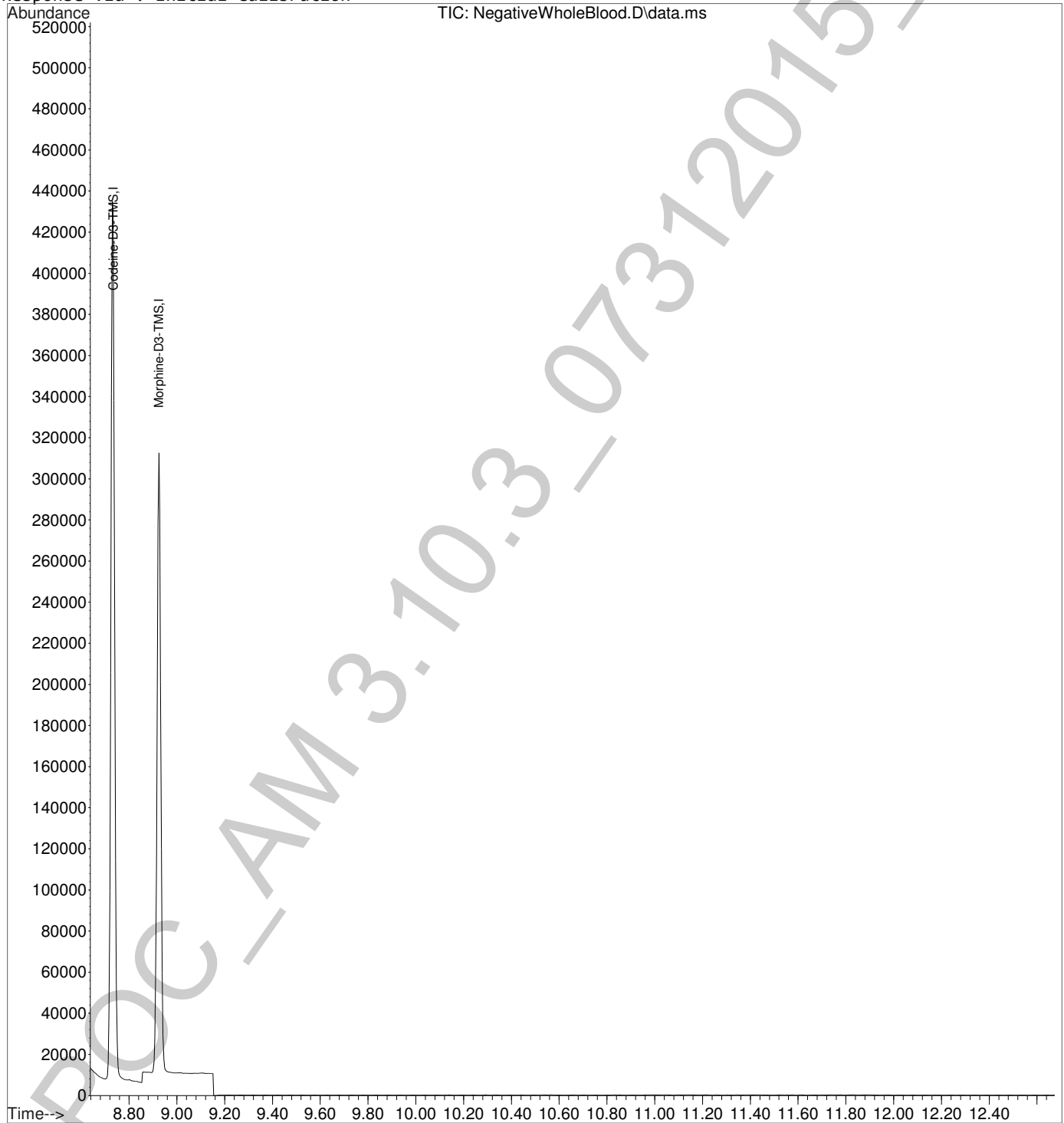


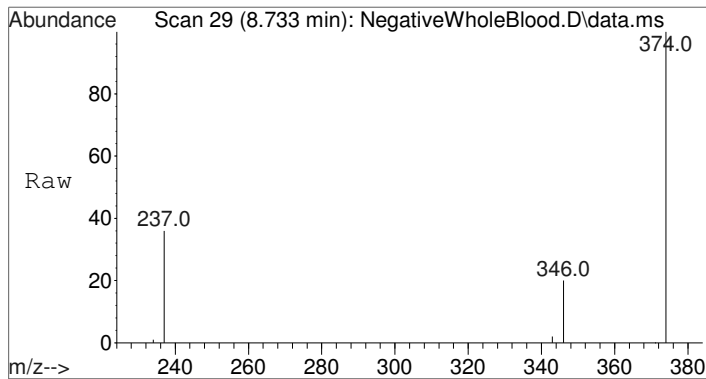
POC-AM 3.10.3-07312015-DND

Quantitation Report (Not Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
Data File : NegativeWholeBlood.D  
Acq On : 31 Jul 2015 14:55  
Operator : D Downey  
Sample : Negative Whole Blood Utak Lot B0130  
Misc : Analytical Method 3.10.3  
ALS Vial : 1 Sample Multiplier: 1

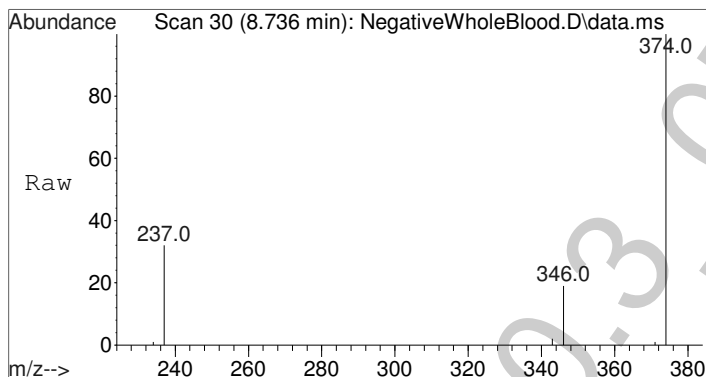
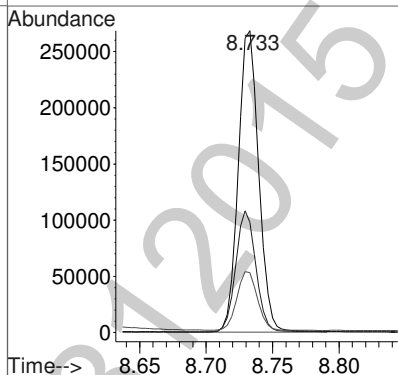
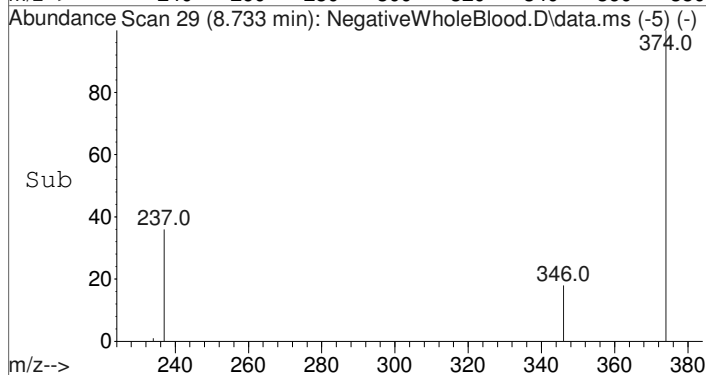
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QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





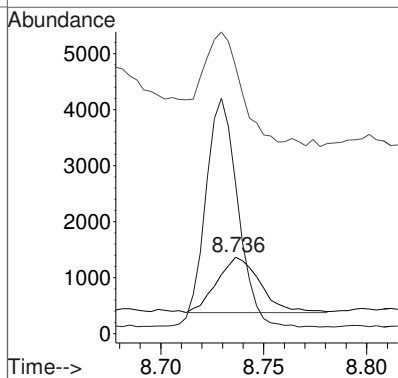
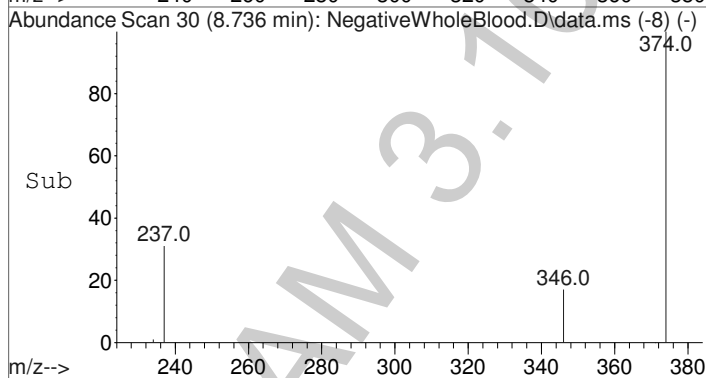
#1  
 Codeine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.733 min Scan# 29  
 Delta R.T. 0.004 min  
 Lab File: NegativeWholeBlood.D  
 Acq: 31 Jul 2015 14:55

Tgt Ion	Resp	Lower	Upper
374	286271		
374	100		
237	39.5	32.0	48.0
346	19.6	15.8	23.6

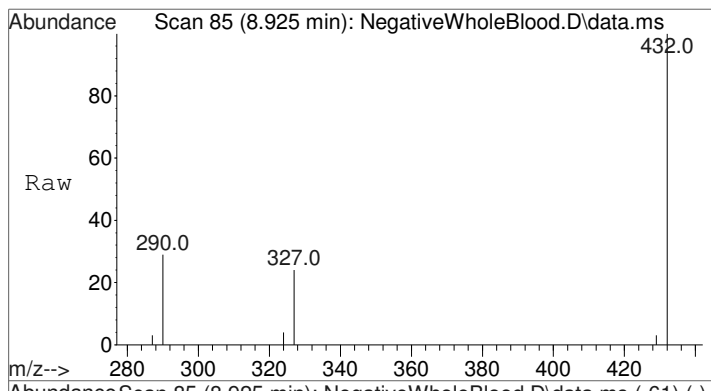


#2  
 Codeine-TMS  
 Concen: Below Cal  
 RT: 8.736 min Scan# 30  
 Delta R.T. -0.004 min  
 Lab File: NegativeWholeBlood.D  
 Acq: 31 Jul 2015 14:55

Tgt Ion	Resp	Lower	Upper
371	1448		
371	100		
234	311.0	40.1	60.1#
343	173.2	22.2	33.4#

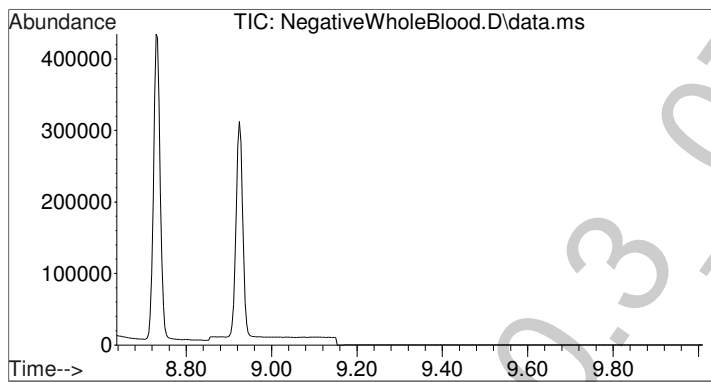
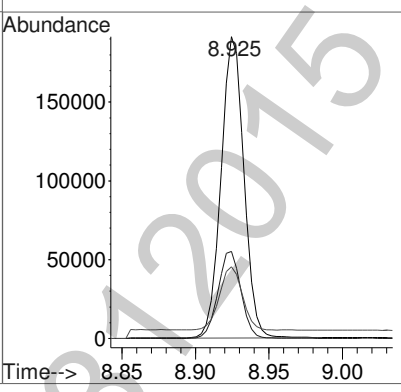
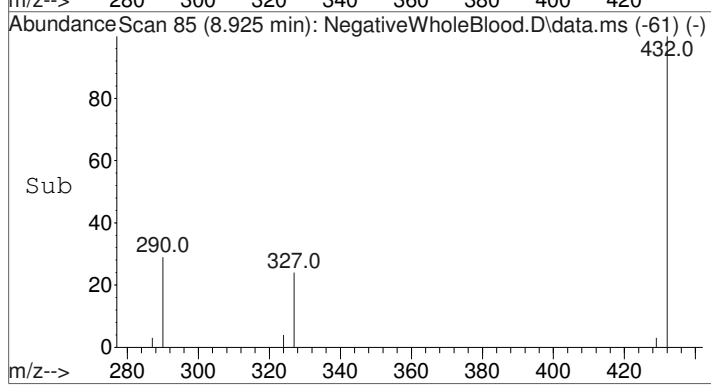


Handwritten signature



#3  
Morphine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.925 min Scan# 85  
Delta R.T. 0.001 min  
Lab File: NegativeWholeBlood.D  
Acq: 31 Jul 2015 14:55

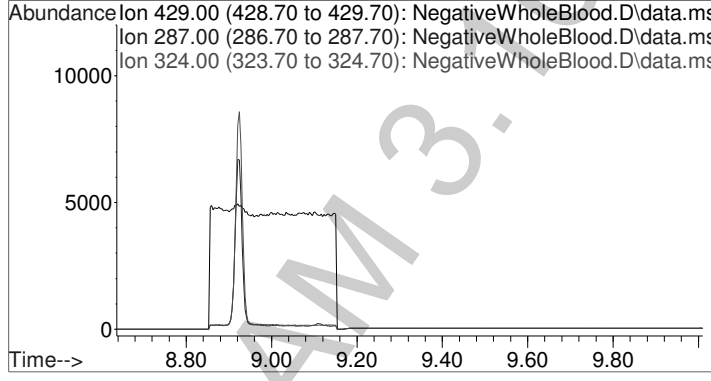
Tgt Ion	Resp	Lower	Upper
432	100		
290	29.0	23.2	34.8
327	21.0	16.9	25.3



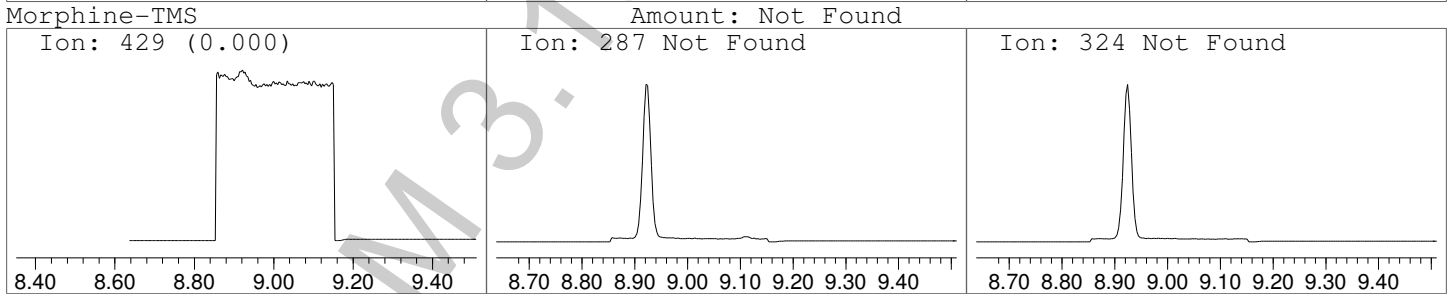
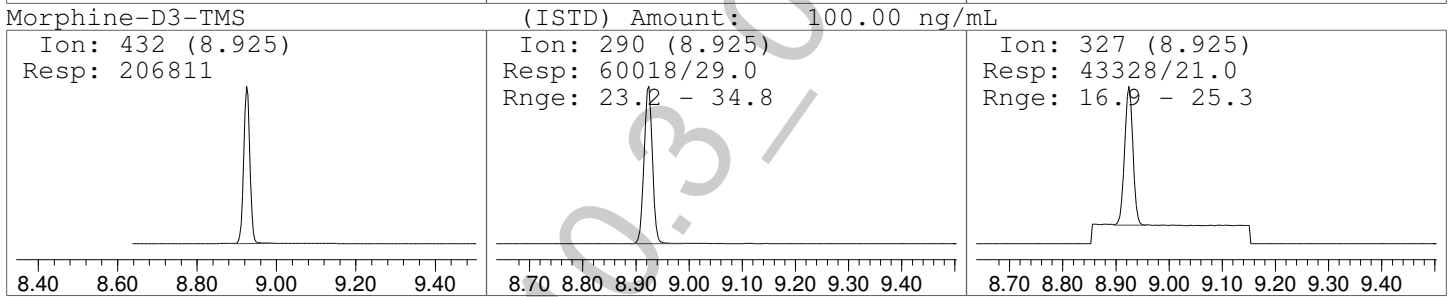
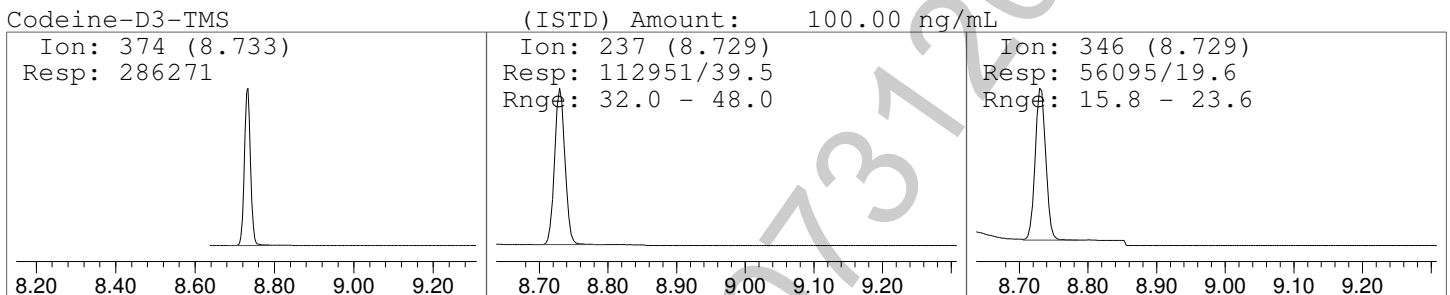
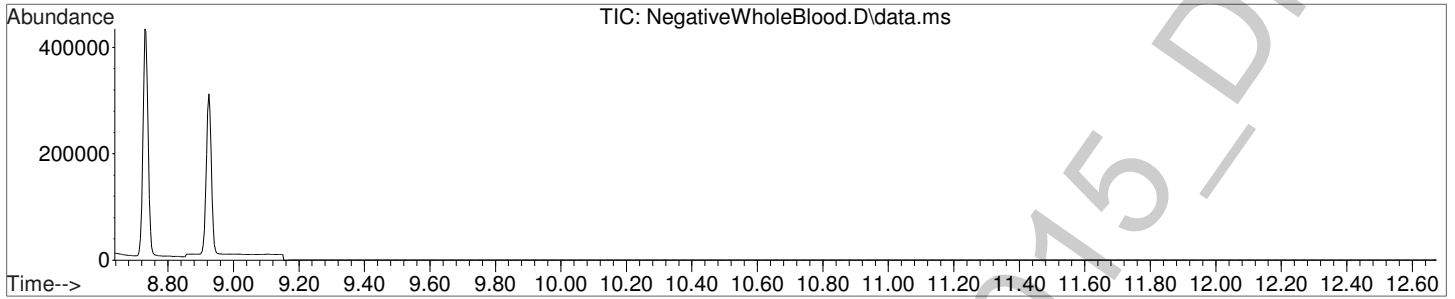
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Morphine-TMS  
Concen: N.D.  
Expected RT: 8.93 min

Lab File: NegativeWholeBlood.D  
Acq: 31 Jul 2015 14:55

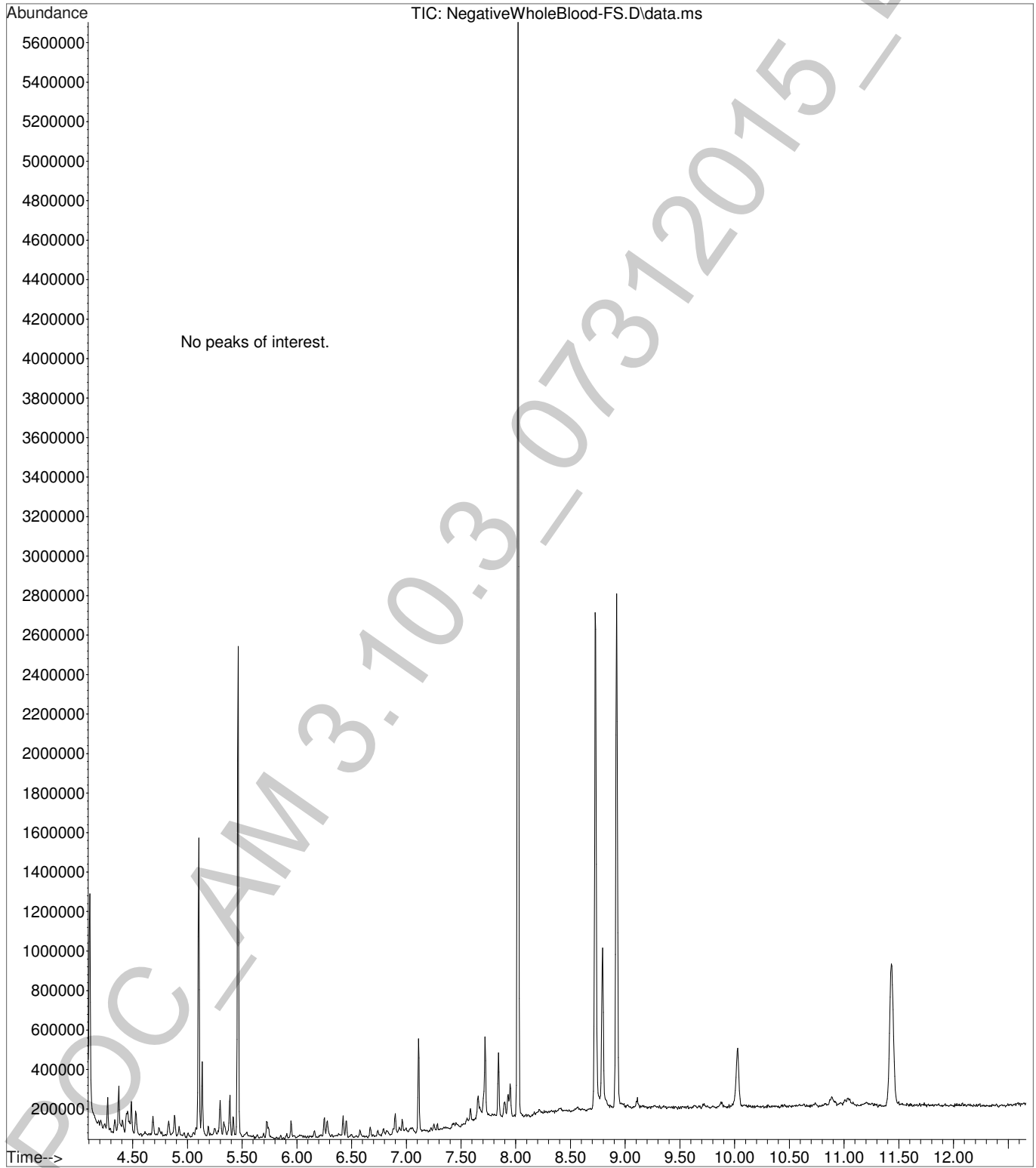
Tgt Ion	Sig	Exp Ratio
429	100	
287	60.8	
324	64.9	



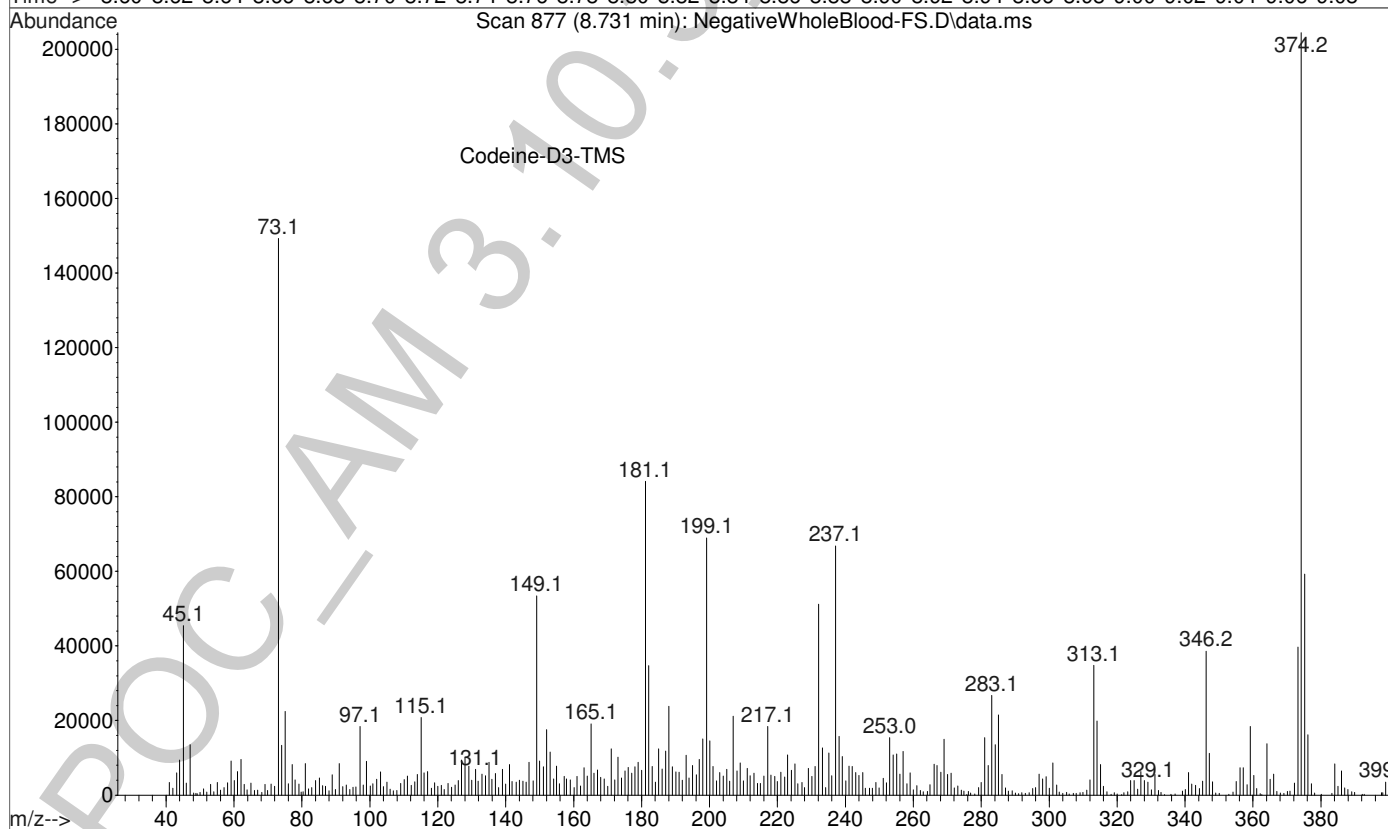
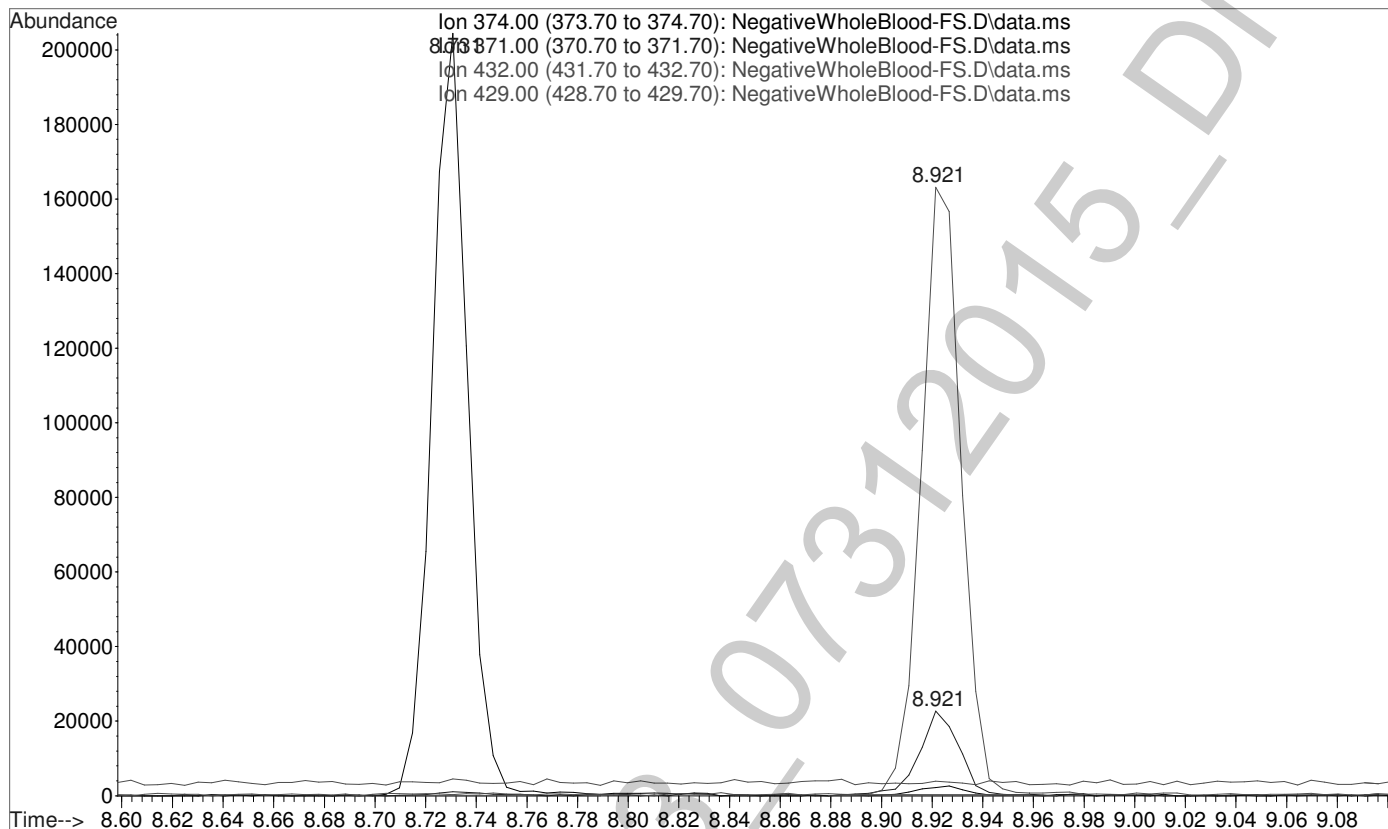
Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : NegativeWholeBlood.D  
 Acq On : 31 Jul 2015 14:55  
 Operator : D Downey  
 Sample : Negative Whole Blood Utak Lot B0130  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 1 Sample Multiplier: 1



File :I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\Negati  
... veWholeBlood-FS.D  
Operator : D Downey  
Instrument : Probie  
Acquired : 31 Jul 2015 15:13 using AcqMethod AM3-10-3-FS.M  
Sample Name: Negative Whole Blood Utak Lot B0130  
Misc Info : Analytical Method 3.10.3

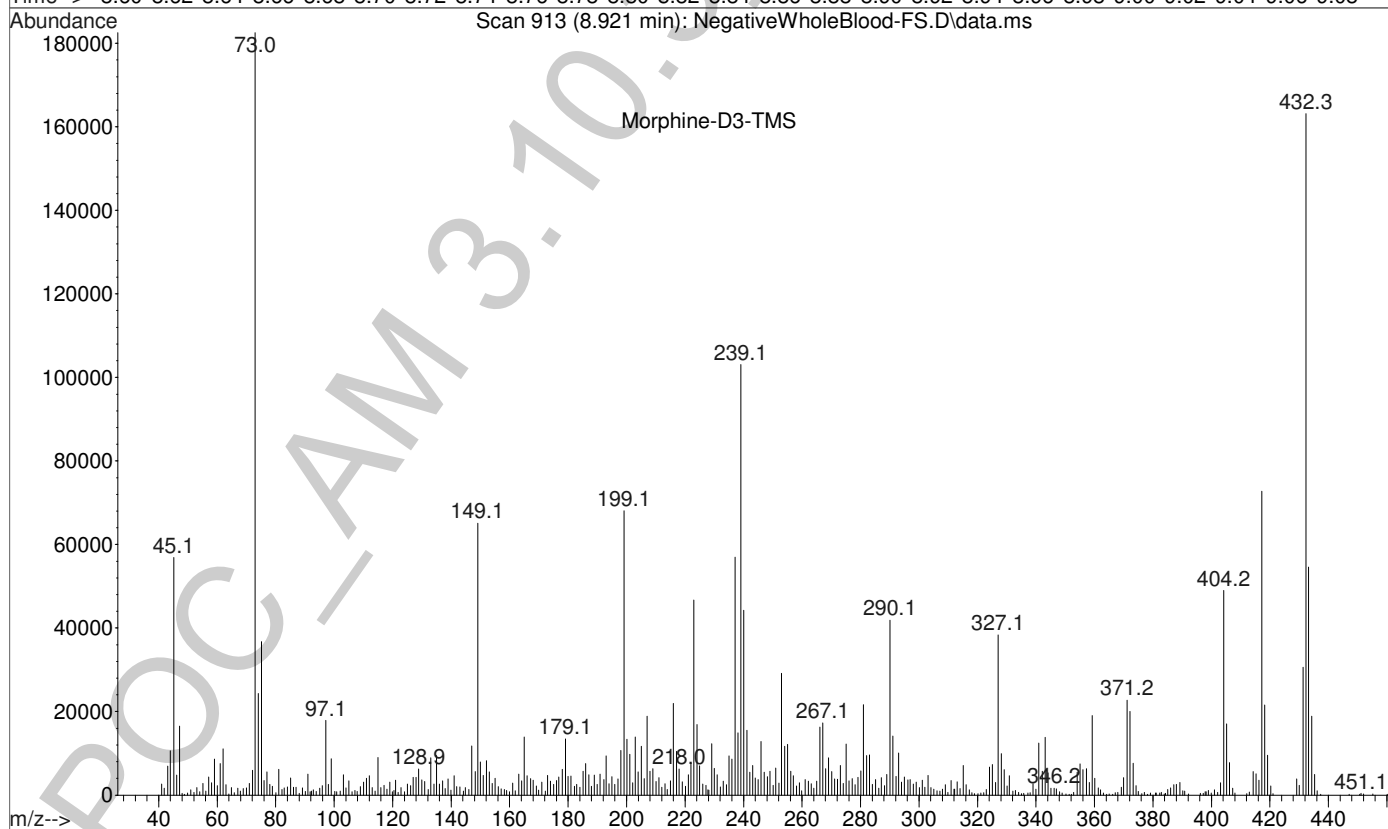
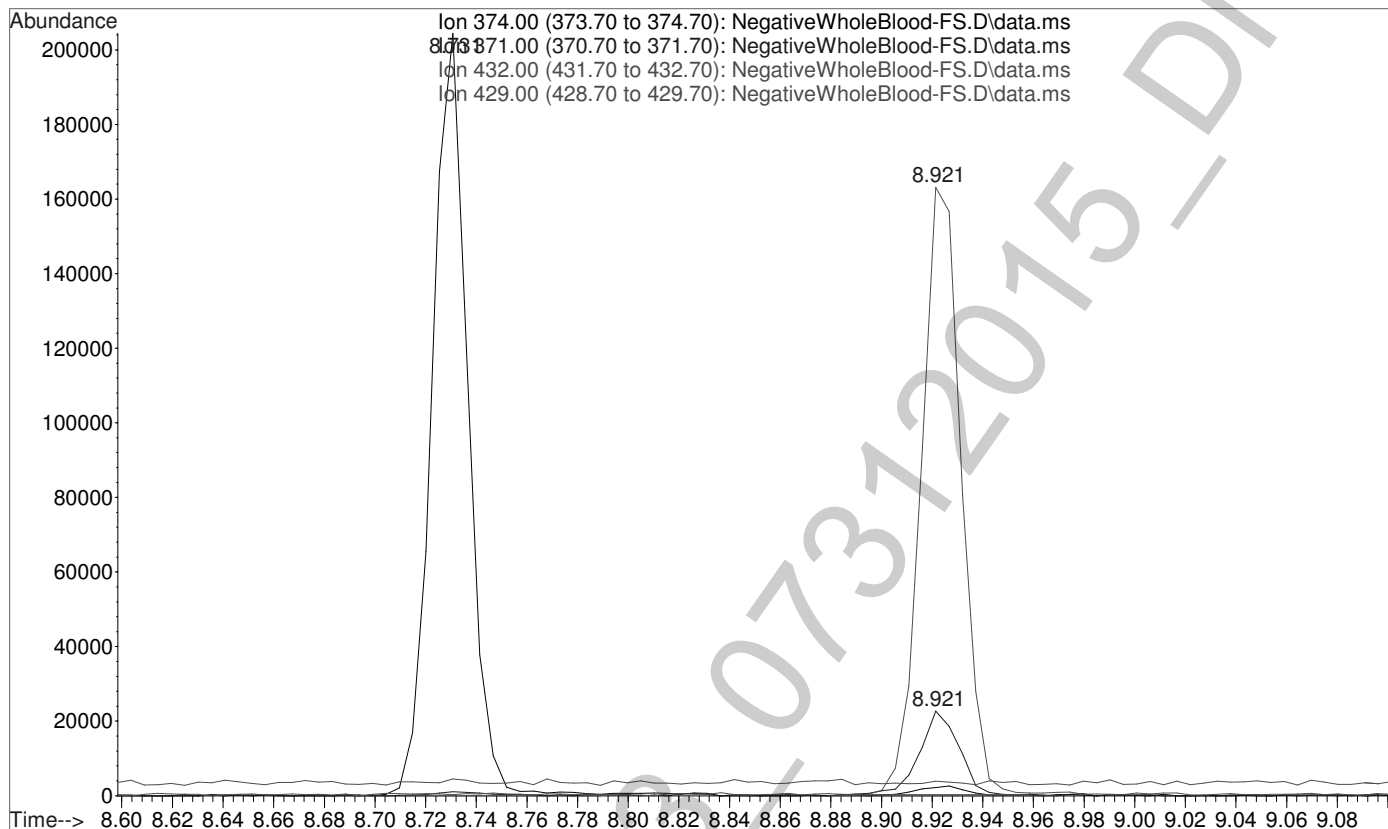


File : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\Negati  
... veWholeBlood-FS.D  
Operator : D Downey  
Instrument : Probie  
Acquired : 31 Jul 2015 15:13 using AcqMethod AM3-10-3-FS.M  
Sample Name: Negative Whole Blood Utak Lot B0130  
Misc Info : Analytical Method 3.10.3





File : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\Negati  
... veWholeBlood-FS.D  
Operator : D Downey  
Instrument : Probie  
Acquired : 31 Jul 2015 15:13 using AcqMethod AM3-10-3-FS.M  
Sample Name: Negative Whole Blood Utak Lot B0130  
Misc Info : Analytical Method 3.10.3





Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-1-25.D  
 Acq On : 31 Jul 2015 15:32  
 Operator : D Downey  
 Sample : Calibrator Level 1: 25ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 21:11:37 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 Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	284342	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.924	432	204841	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.739	371	8558	21.59	ng/mL# *	59
4) Morphine-TMS	8.931	429	5652	21.65	ng/mL# *	1

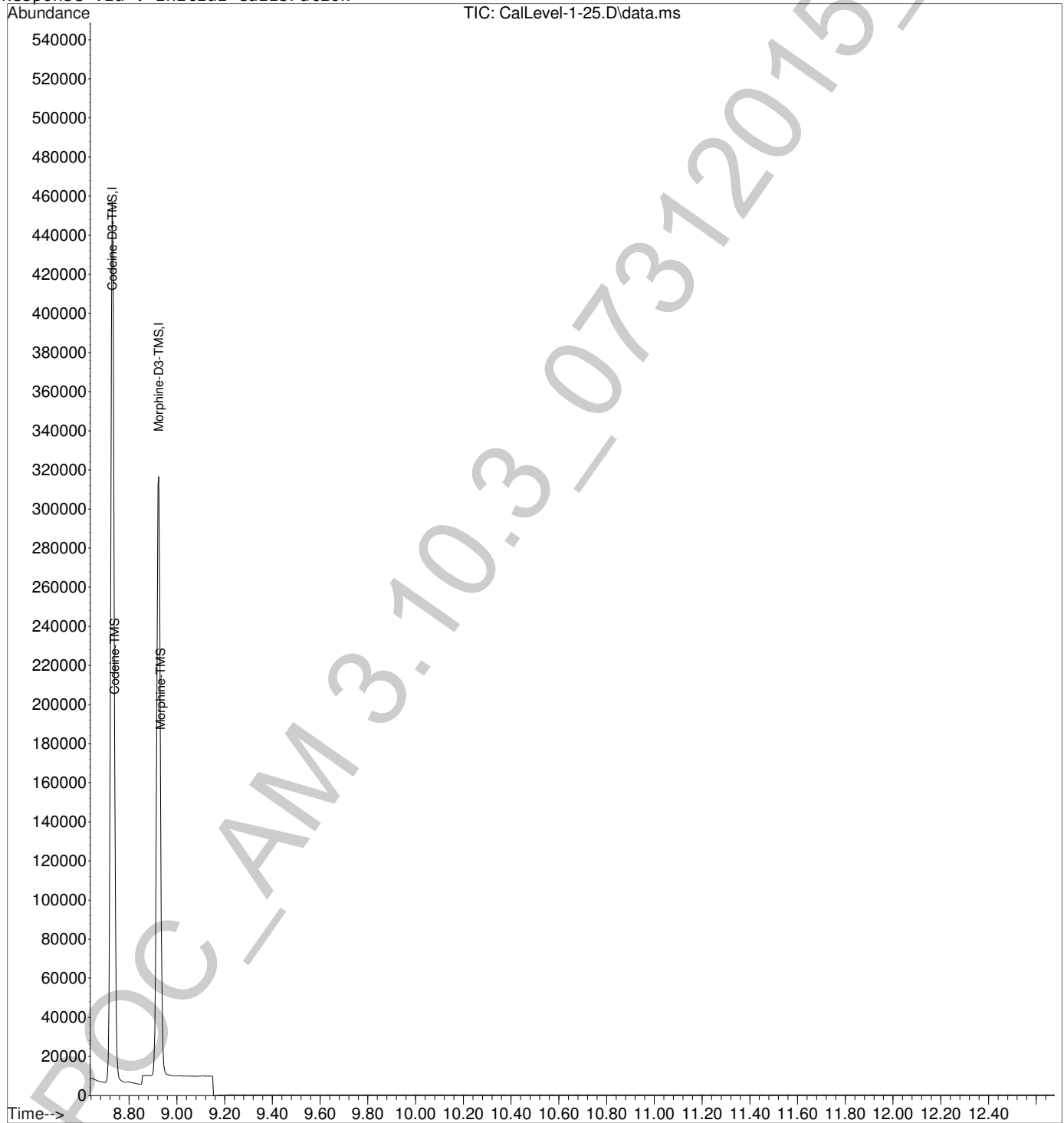
(#) = qualifier out of range (m) = manual integration (+) = signals summed

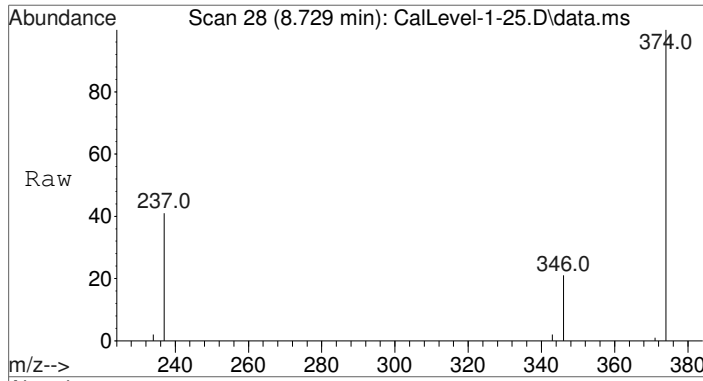
\*Qualifier ions out of range - refer to manual integration.



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : CalLevel-1-25.D  
Acq On : 31 Jul 2015 15:32  
Operator : D Downey  
Sample : Calibrator Level 1: 25ng/mL  
Misc : Analytical Method 3.10.3  
ALS Vial : 2 Sample Multiplier: 1

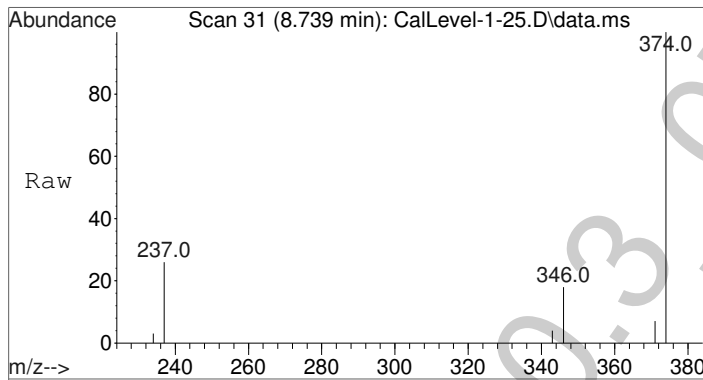
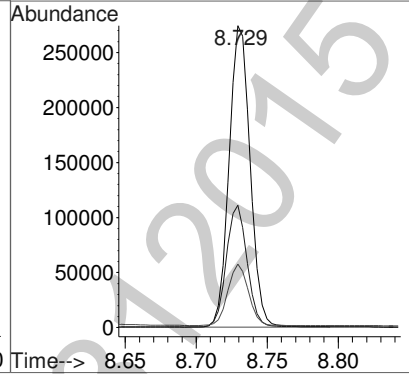
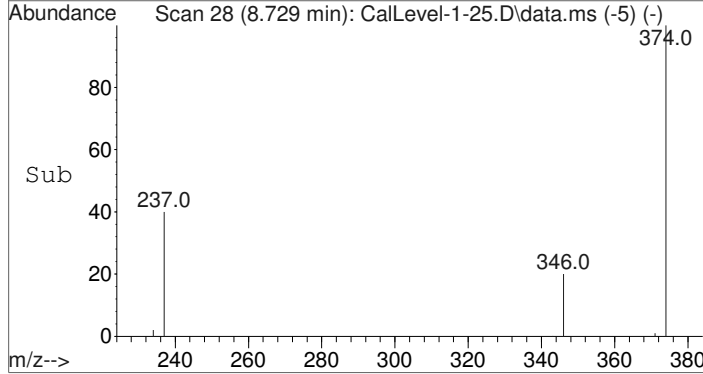
Quant Time: Jul 31 21:11:37 2015  
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





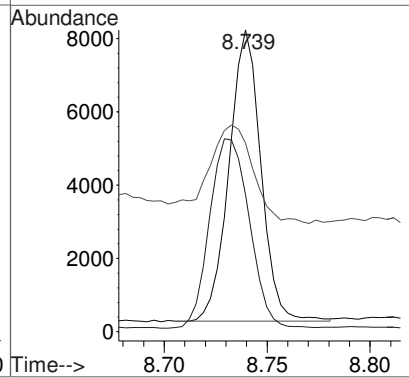
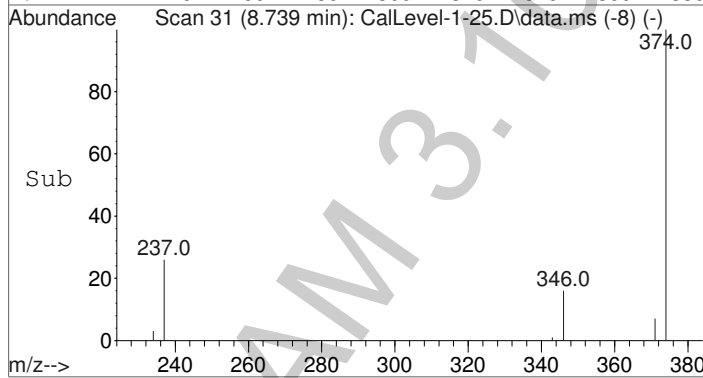
#1  
 Codeine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.729 min Scan# 28  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-1-25.D  
 Acq: 31 Jul 2015 15:32

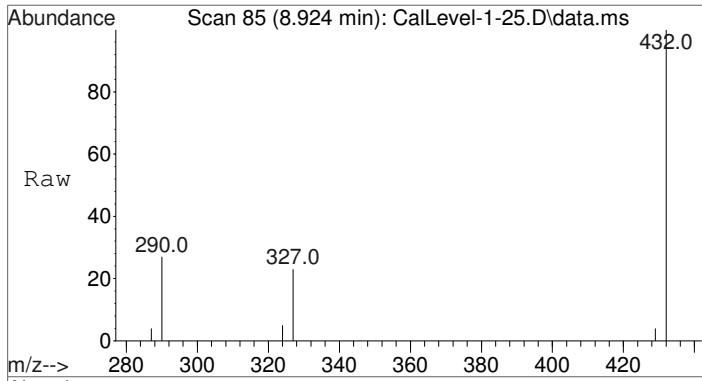
Tgt Ion	Resp	Lower	Upper
374	284342		
374	100		
237	39.7	32.0	48.0
346	19.9	15.8	23.6



#2  
 Codeine-TMS  
 Concen: 21.59 ng/mL  
 RT: 8.739 min Scan# 31  
 Delta R.T. -0.001 min  
 Lab File: CalLevel-1-25.D  
 Acq: 31 Jul 2015 15:32

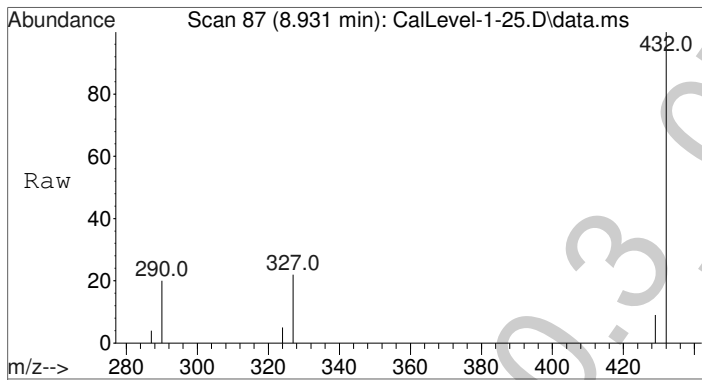
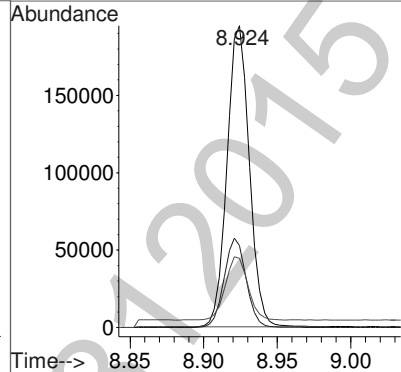
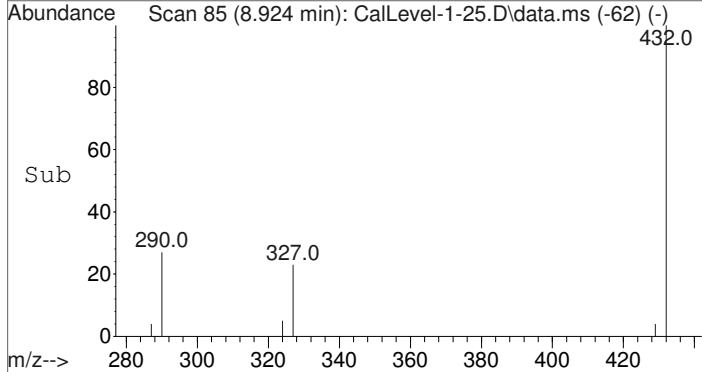
Tgt Ion	Resp	Lower	Upper
371	8558		
371	100		
234	81.1	40.1	60.1#
343	46.0	22.2	33.4#





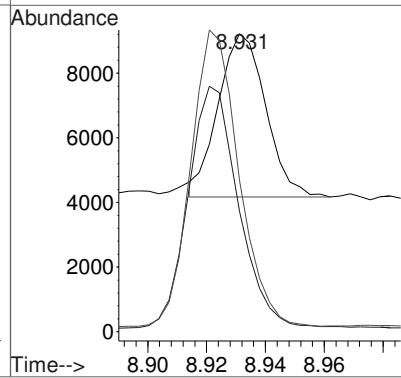
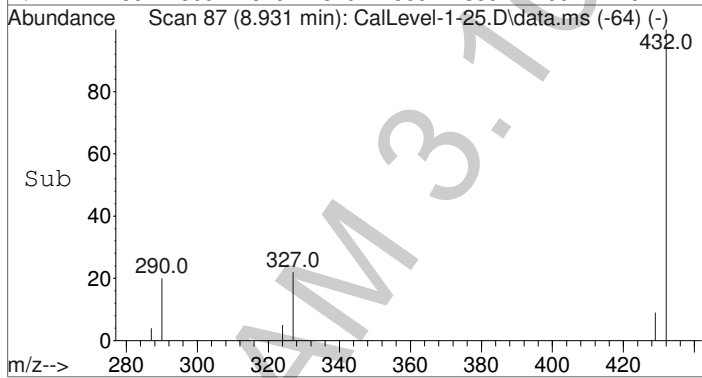
#3  
Morphine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.924 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: CalLevel-1-25.D  
Acq: 31 Jul 2015 15:32

Tgt Ion	Resp	Lower	Upper
432	204841		
290	29.3	23.2	34.8
327	21.2	16.9	25.3

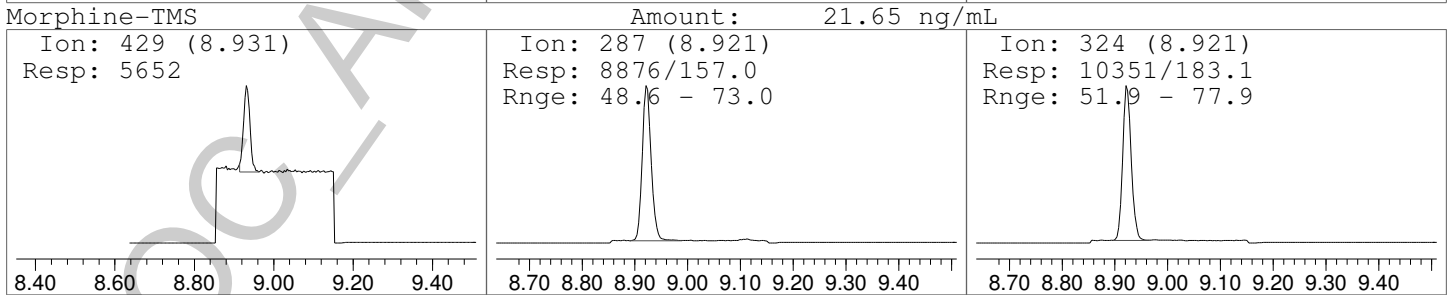
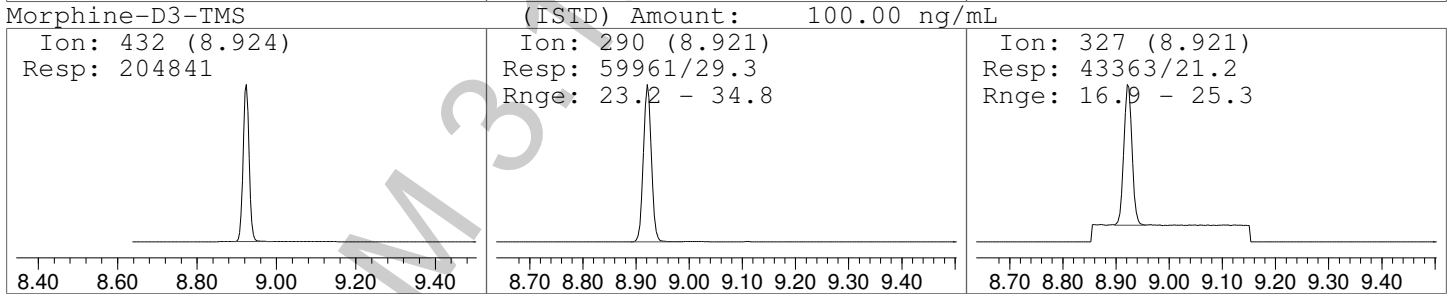
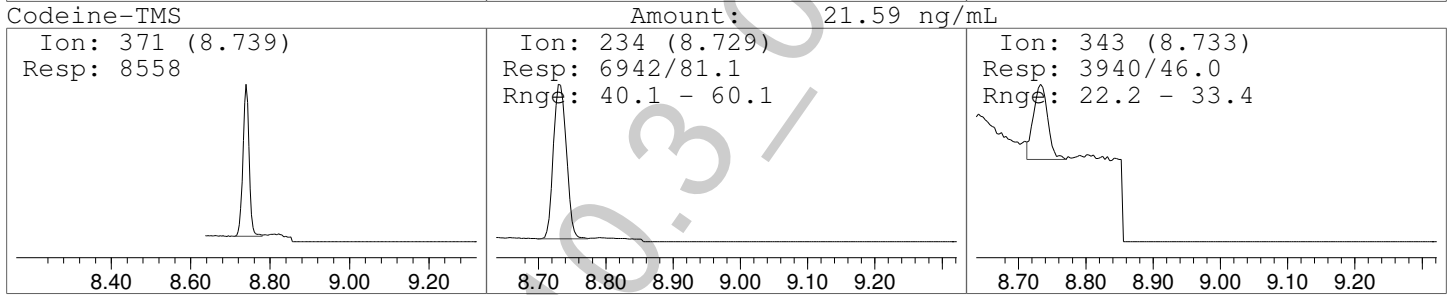
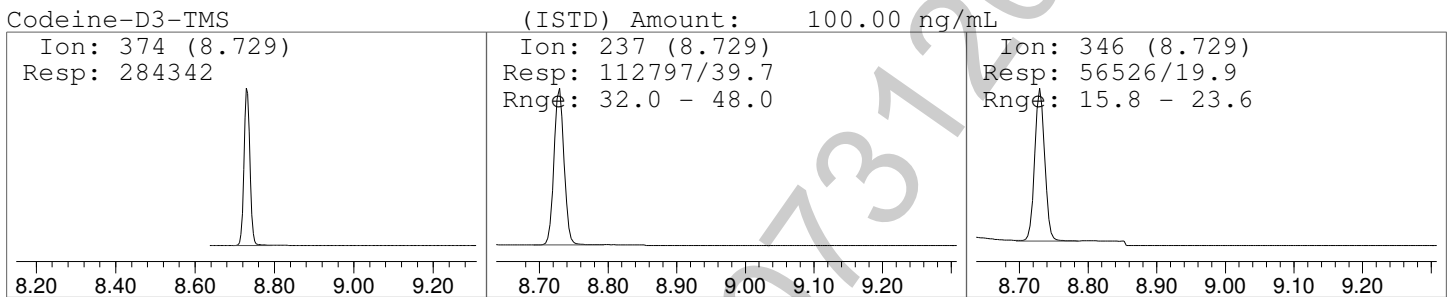
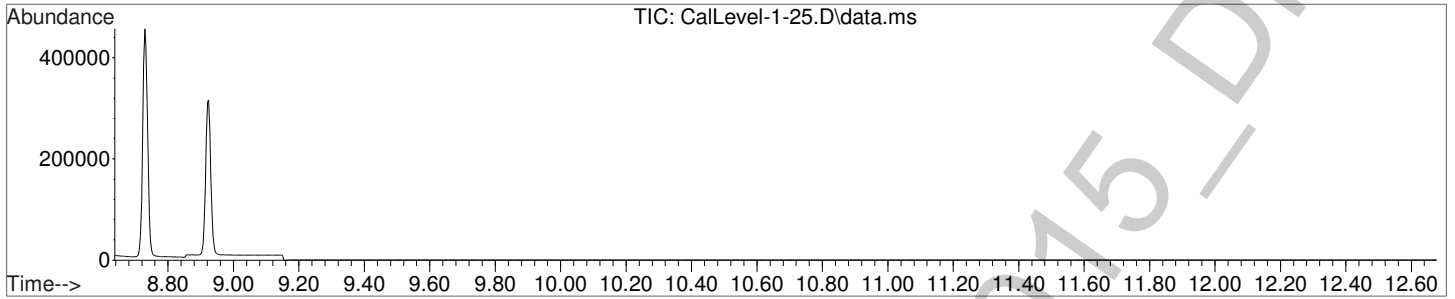


#4  
Morphine-TMS  
Concen: 21.65 ng/mL  
RT: 8.931 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: CalLevel-1-25.D  
Acq: 31 Jul 2015 15:32

Tgt Ion	Resp	Lower	Upper
429	5652		
287	157.0	48.6	73.0#
324	183.1	51.9	77.9#



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-1-25.D  
 Acq On : 31 Jul 2015 15:32  
 Operator : D Downey  
 Sample : Calibrator Level 1: 25ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 2 Sample Multiplier: 1



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-1-25.D  
 Acq On : 31 Jul 2015 15:32  
 Operator : D Downey  
 Sample : Calibrator Level 1: 25ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 2 Sample Multiplier: 1



Quant Time: Jul 31 21:11:37 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 Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	284342	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.924	432	204841	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.739	371	11938m*	32.84	ng/mL	Qvalue
4) Morphine-TMS	8.931	429	13765m*	58.39	ng/mL	

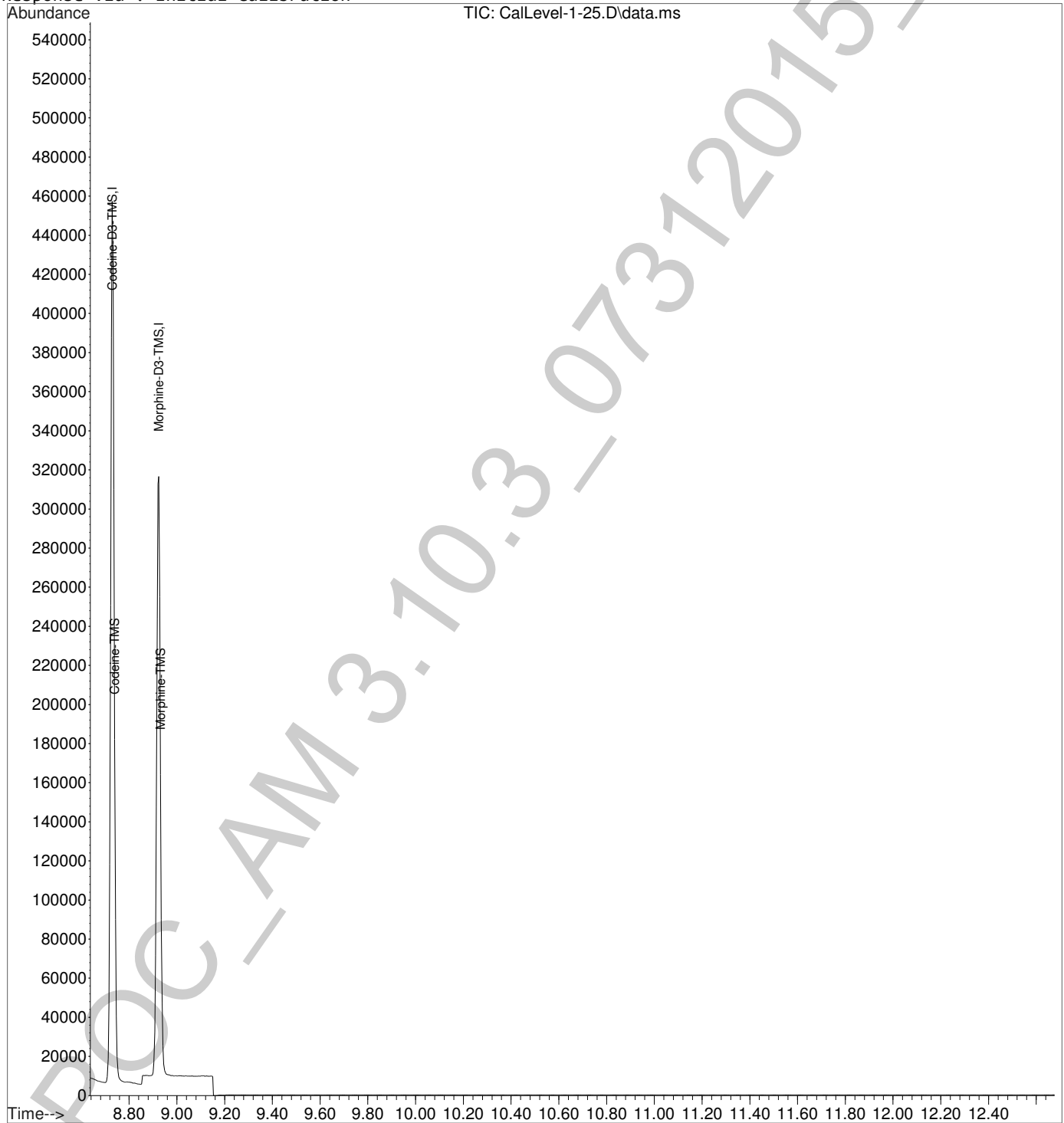
(#) = qualifier out of range (m) = manual integration (+) = signals summed

\*Manual integration successful. Quantities for both outside the 20% range - qualitative use only.

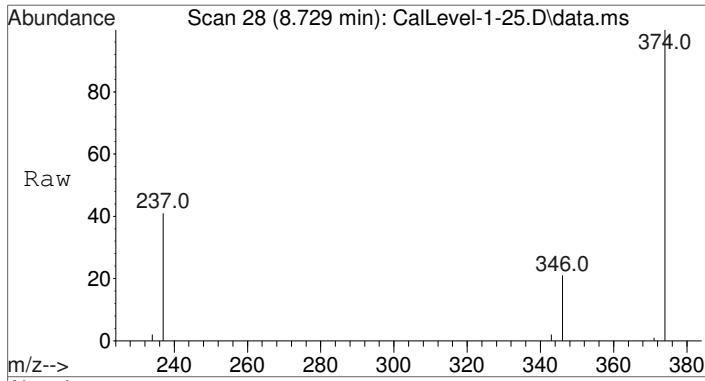
Quantitation Report (QT Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : CalLevel-1-25.D  
Acq On : 31 Jul 2015 15:32  
Operator : D Downey  
Sample : Calibrator Level 1: 25ng/mL  
Misc : Analytical Method 3.10.3  
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 21:11:37 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 Jul 31 21:11:12 2015  
Response via : Initial Calibration

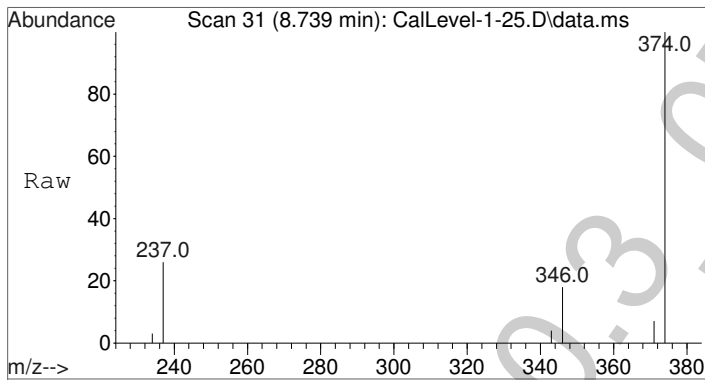
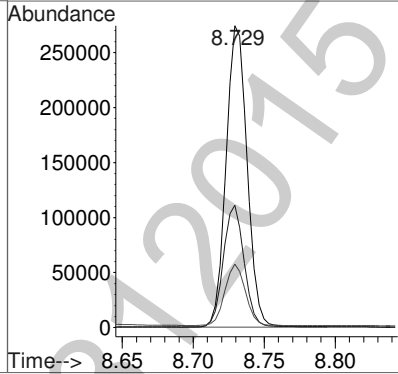
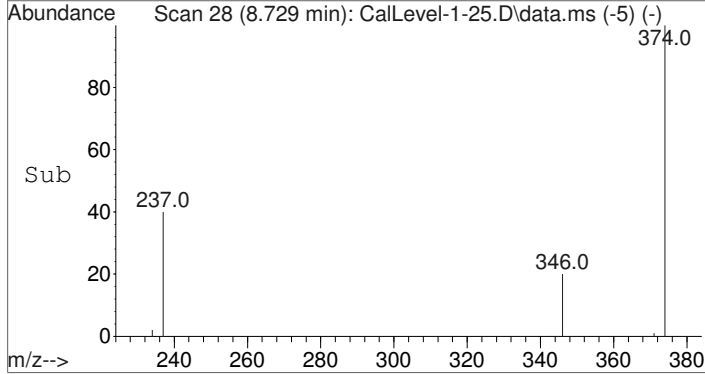






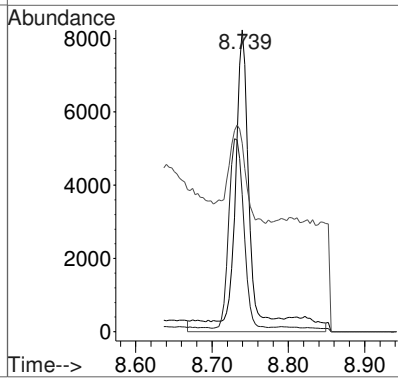
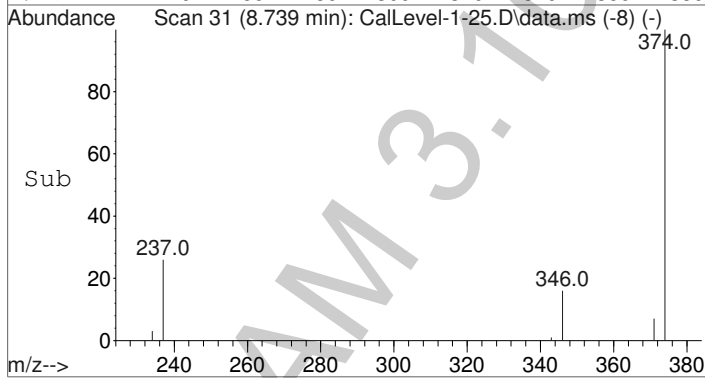
#1  
 Codeine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.729 min Scan# 28  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-1-25.D  
 Acq: 31 Jul 2015 15:32

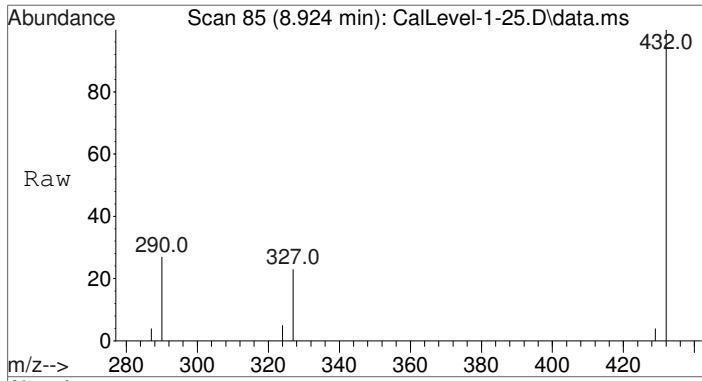
Tgt Ion	Resp	Lower	Upper
374	284342		
374	100		
237	39.7	32.0	48.0
346	19.9	15.8	23.6



#2  
 Codeine-TMS  
 Concen: 32.84 ng/mL m  
 RT: 8.739 min Scan# 31  
 Delta R.T. -0.001 min  
 Lab File: CalLevel-1-25.D  
 Acq: 31 Jul 2015 15:32

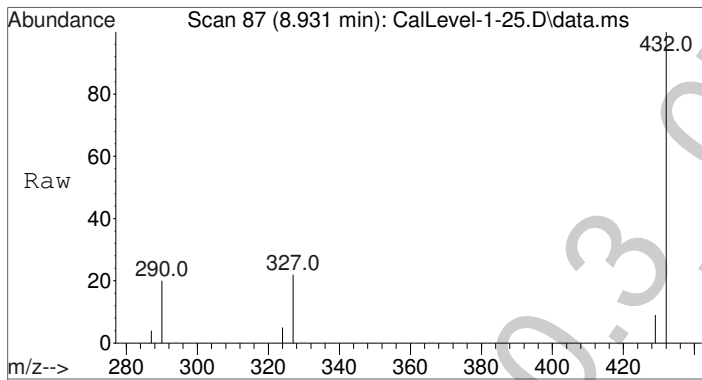
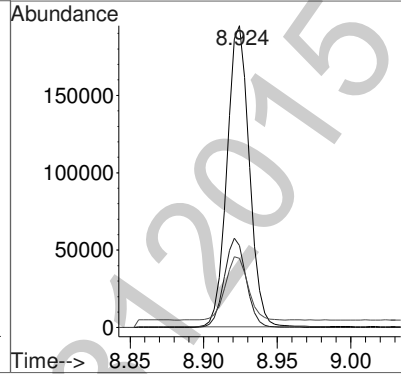
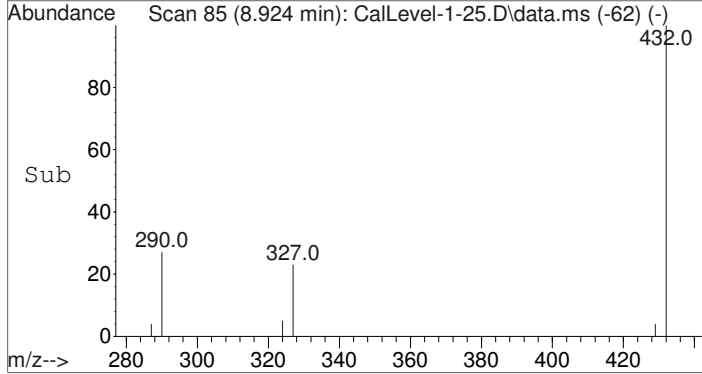
Tgt Ion	Resp	Lower	Upper
371	11938		
371	100		
234	58.2	40.1	60.1
343	33.0	22.2	33.4





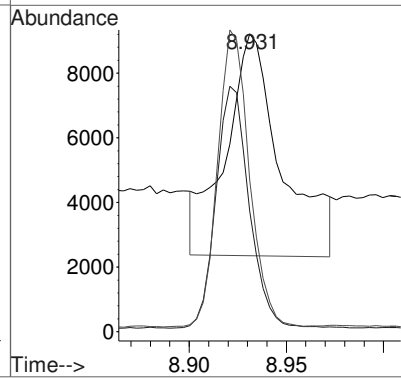
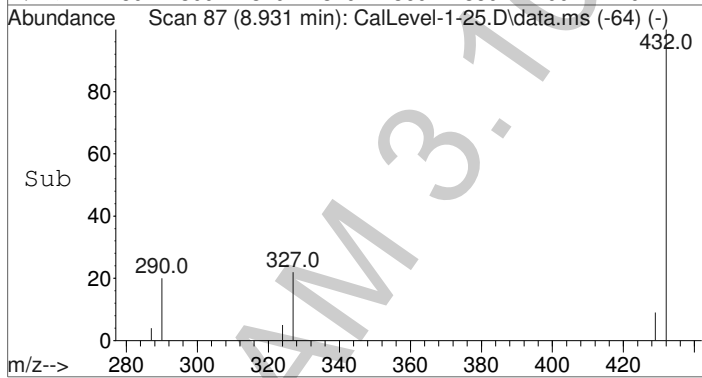
#3  
 Morphine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.924 min Scan# 85  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-1-25.D  
 Acq: 31 Jul 2015 15:32

Tgt Ion	Resp	Lower	Upper
432	204841	100	
290	29.3	23.2	34.8
327	21.2	16.9	25.3

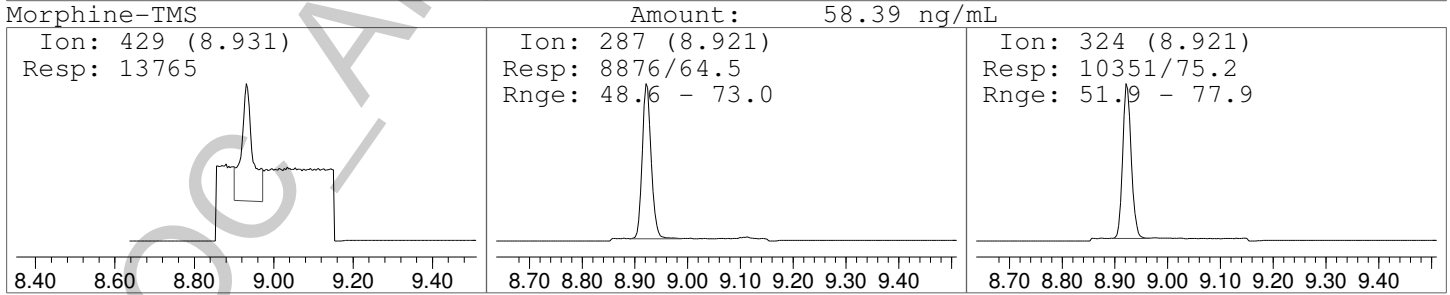
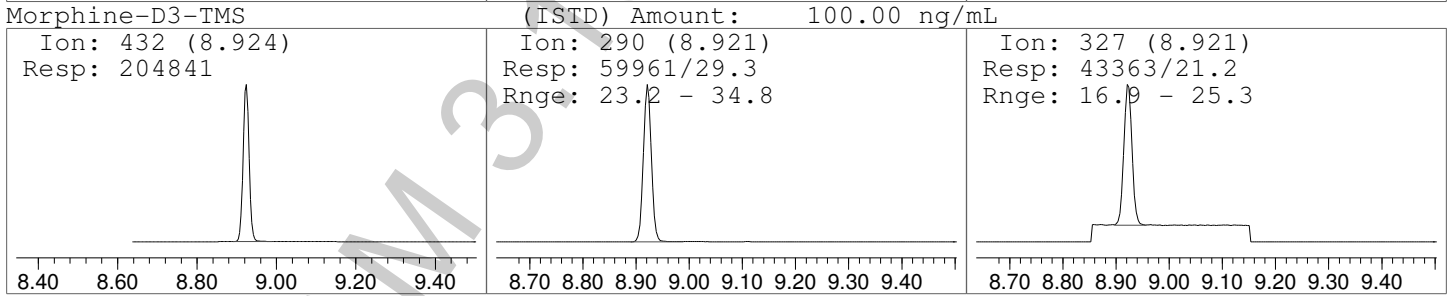
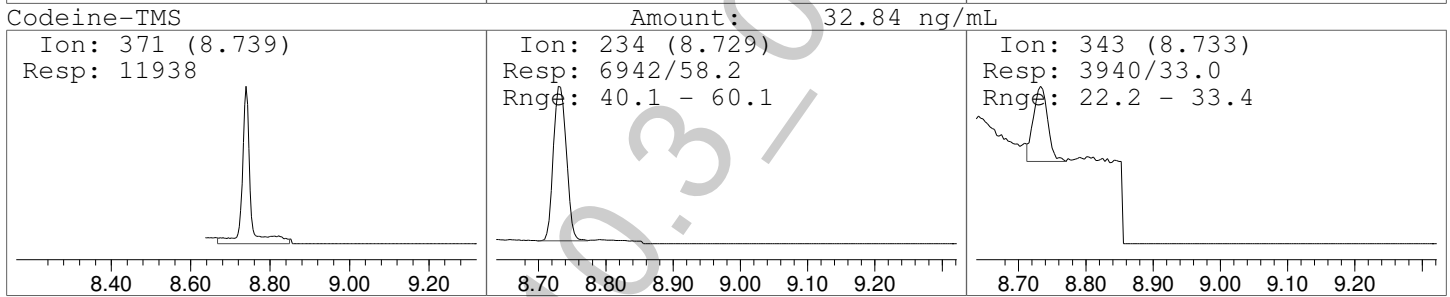
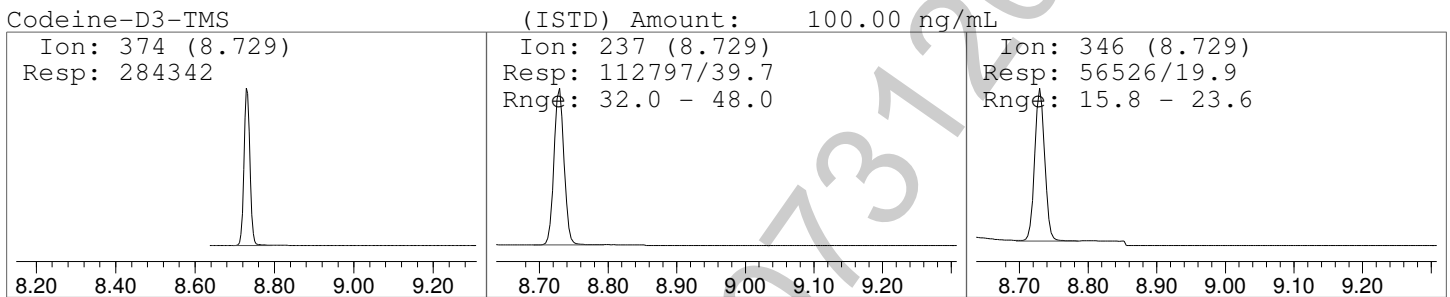
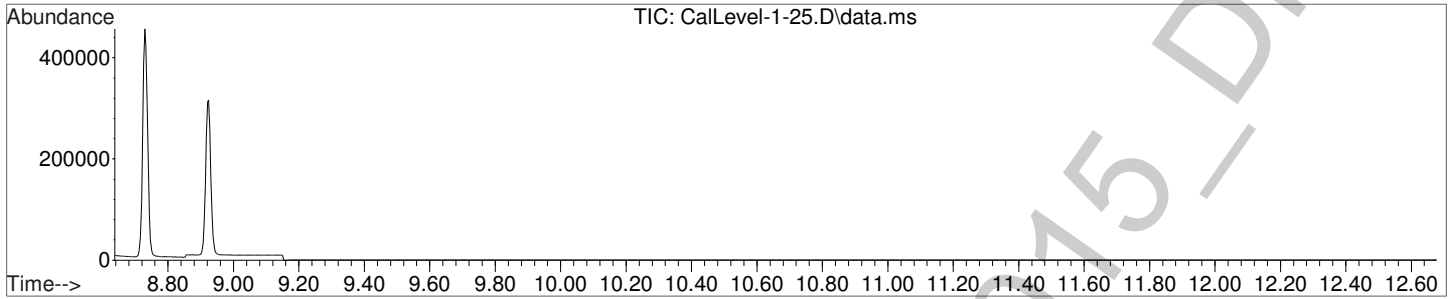


#4  
 Morphine-TMS  
 Concen: 58.39 ng/mL m  
 RT: 8.931 min Scan# 87  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-1-25.D  
 Acq: 31 Jul 2015 15:32

Tgt Ion	Resp	Lower	Upper
429	13765	100	
287	64.5	48.6	73.0
324	75.2	51.9	77.9



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-1-25.D  
 Acq On : 31 Jul 2015 15:32  
 Operator : D Downey  
 Sample : Calibrator Level 1: 25ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 2 Sample Multiplier: 1



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-2-50.D  
 Acq On : 31 Jul 2015 15:51  
 Operator : D Downey  
 Sample : Calibrator Level 2: 50ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 3 Sample Multiplier: 1



Quant Time: Jul 31 21:16:04 2015  
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
 QLast Update : Fri Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	298034	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.924	432	212704	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.740	371	16923	46.85	ng/mL#*	86
4) Morphine-TMS	8.931	429	11641	46.82	ng/mL#*	55

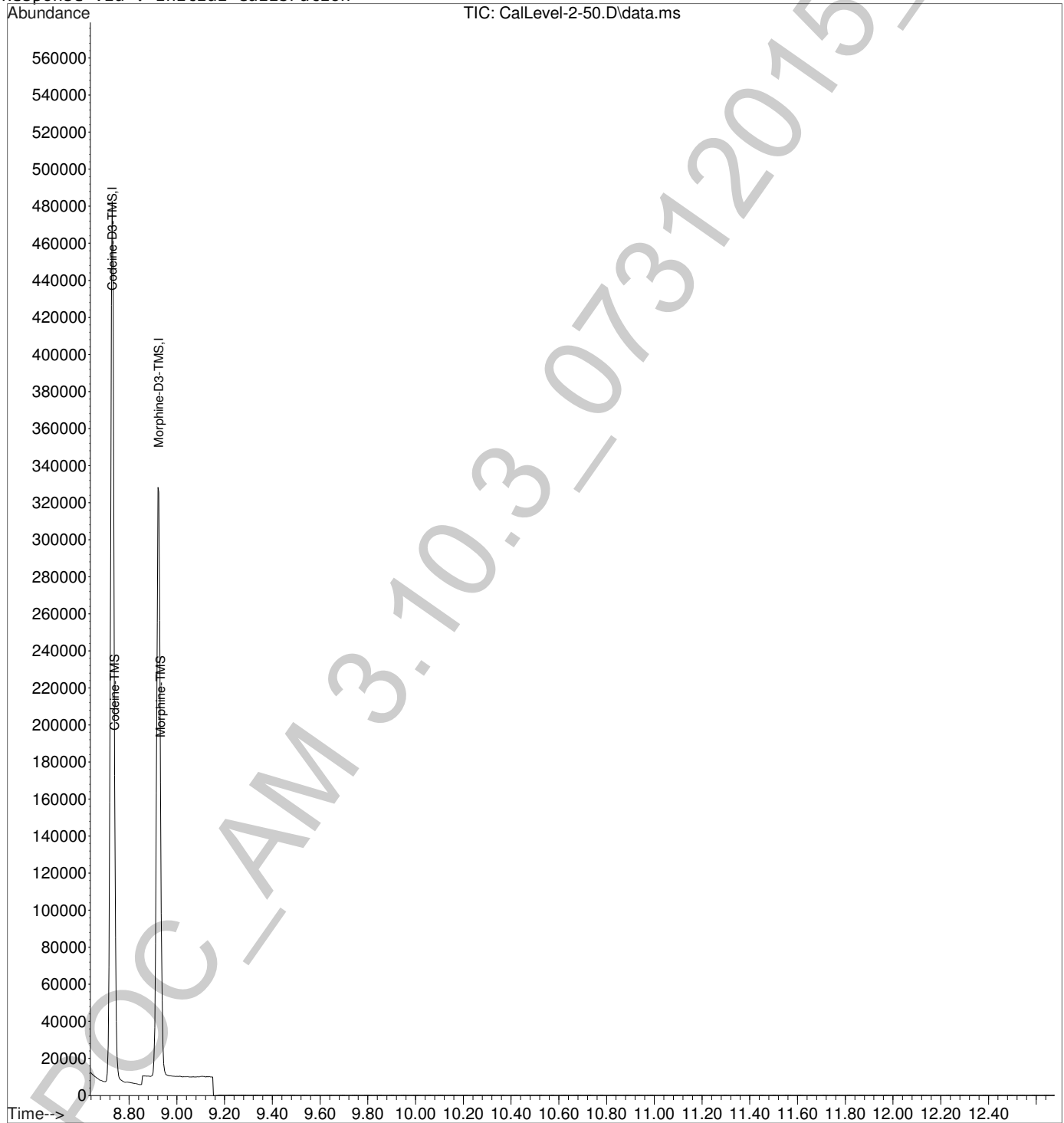
(#) = qualifier out of range (m) = manual integration (+) = signals summed

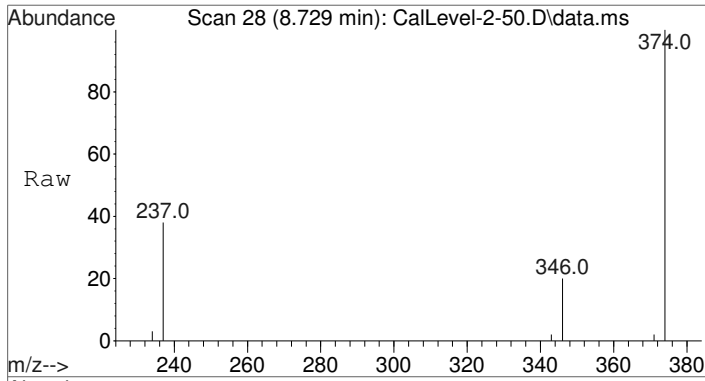
\*Qualifier ions out of range - refer to manual integration.

Quantitation Report (Not Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : CalLevel-2-50.D  
Acq On : 31 Jul 2015 15:51  
Operator : D Downey  
Sample : Calibrator Level 2: 50ng/mL  
Misc : Analytical Method 3.10.3  
ALS Vial : 3 Sample Multiplier: 1

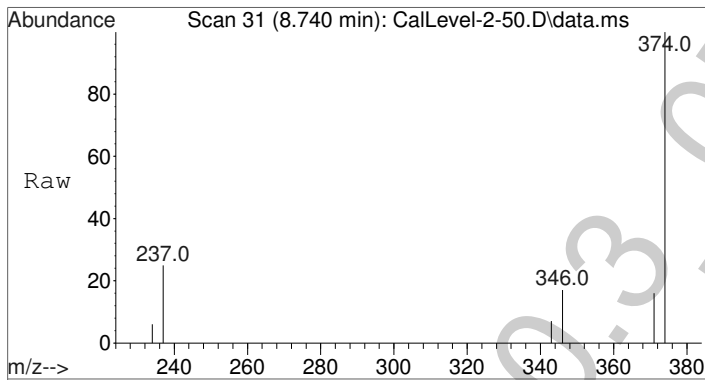
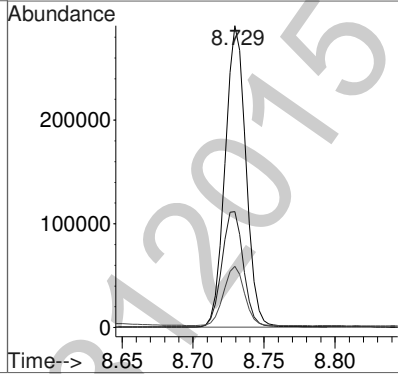
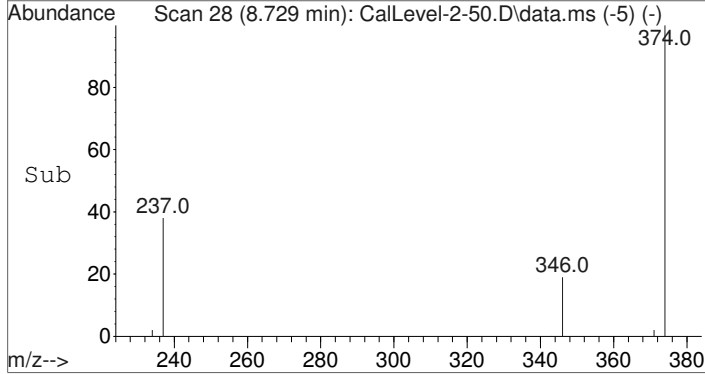
Quant Time: Jul 31 21:16:04 2015  
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





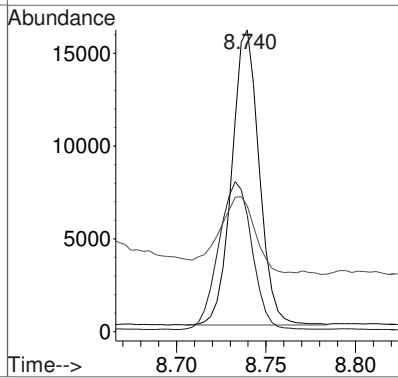
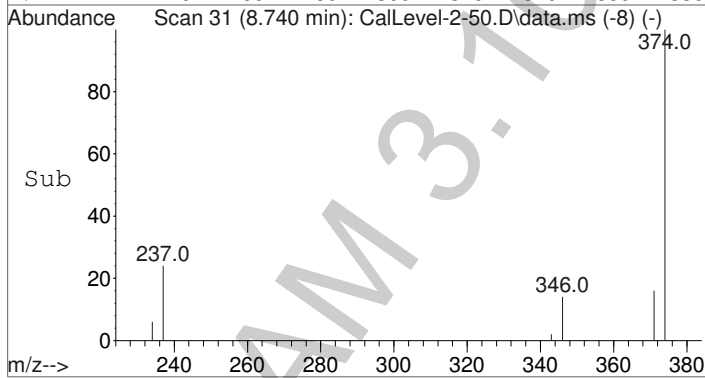
#1  
 Codeine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.729 min Scan# 28  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-2-50.D  
 Acq: 31 Jul 2015 15:51

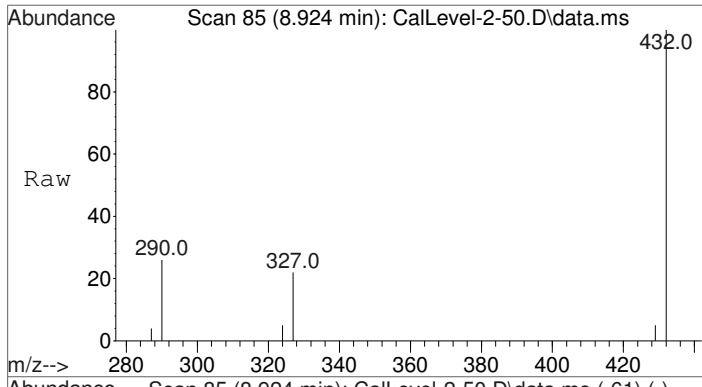
Tgt Ion	Resp	Lower	Upper
374	298034		
374	100		
237	39.5	32.0	48.0
346	19.7	15.8	23.6



#2  
 Codeine-TMS  
 Concen: 46.85 ng/mL  
 RT: 8.740 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: CalLevel-2-50.D  
 Acq: 31 Jul 2015 15:51

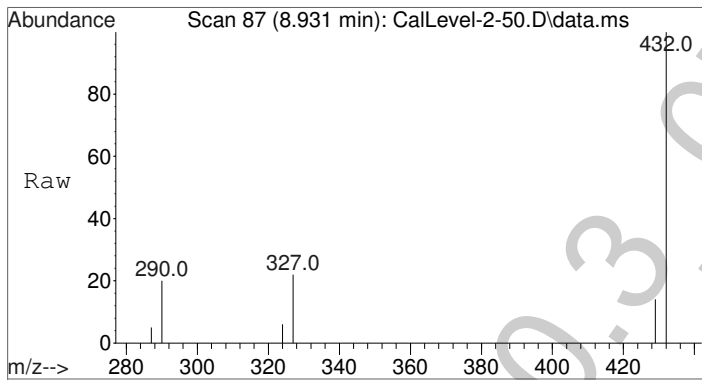
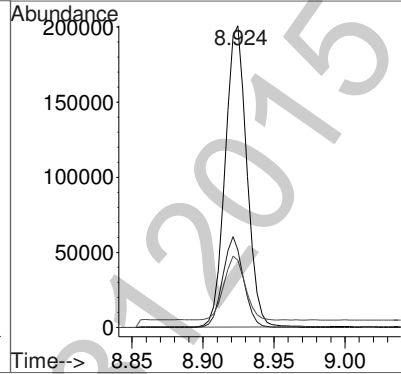
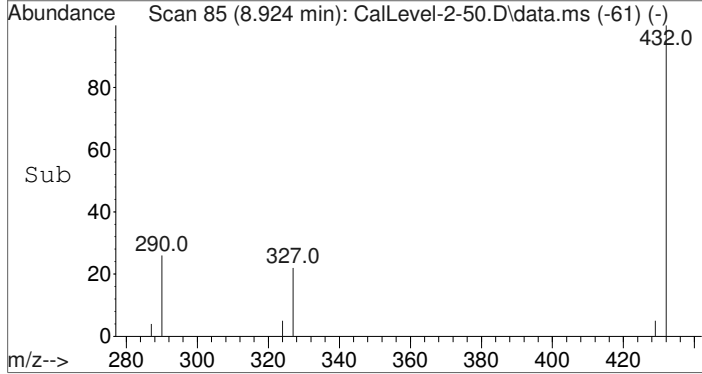
Tgt Ion	Resp	Lower	Upper
371	16923		
371	100		
234	60.9	40.1	60.1#
343	34.1	22.2	33.4#





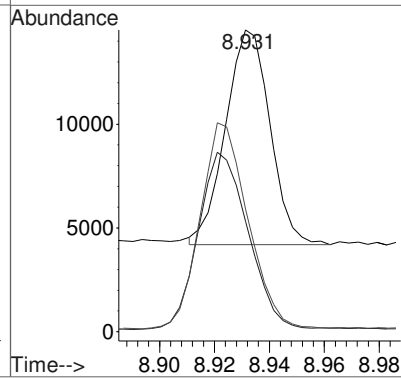
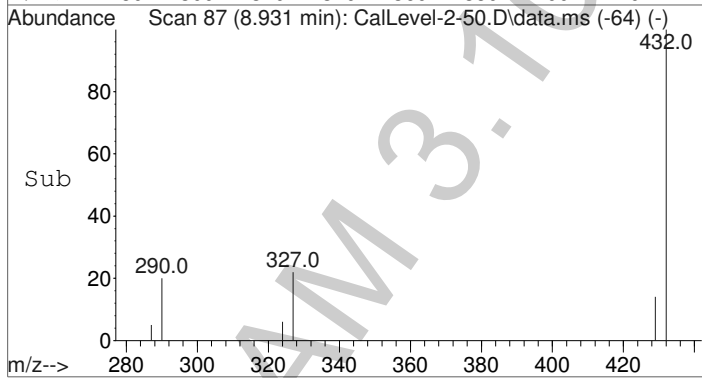
#3  
Morphine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.924 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: CalLevel-2-50.D  
Acq: 31 Jul 2015 15:51

Tgt Ion	Resp	Lower	Upper
432	212704	100	
290	28.8	23.2	34.8
327	21.0	16.9	25.3



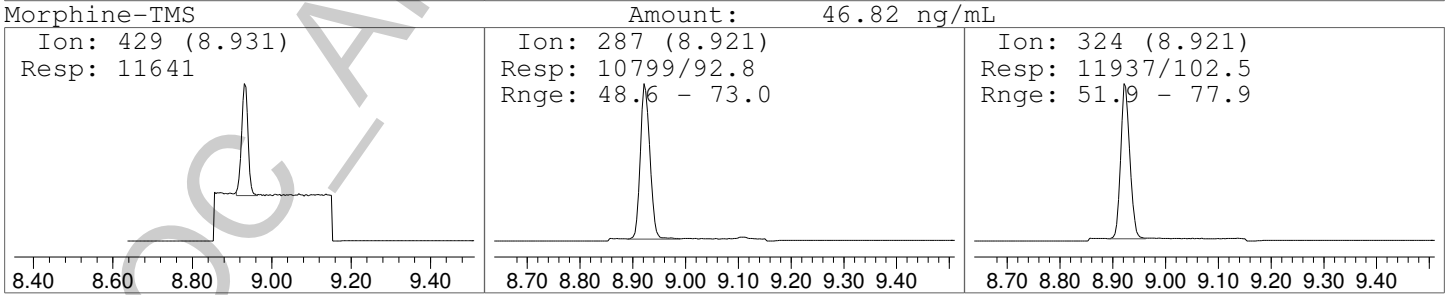
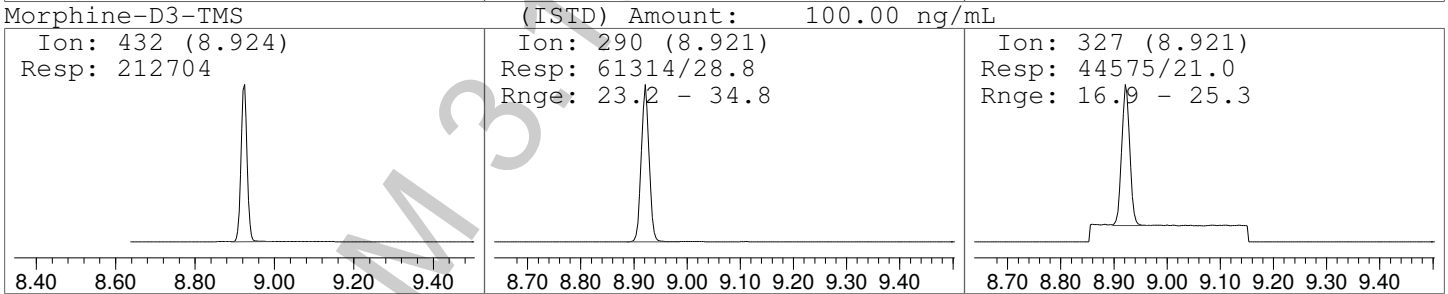
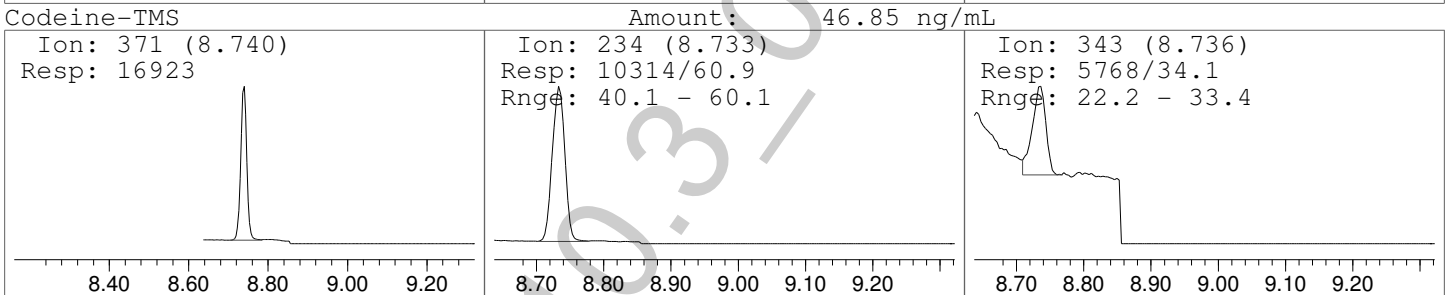
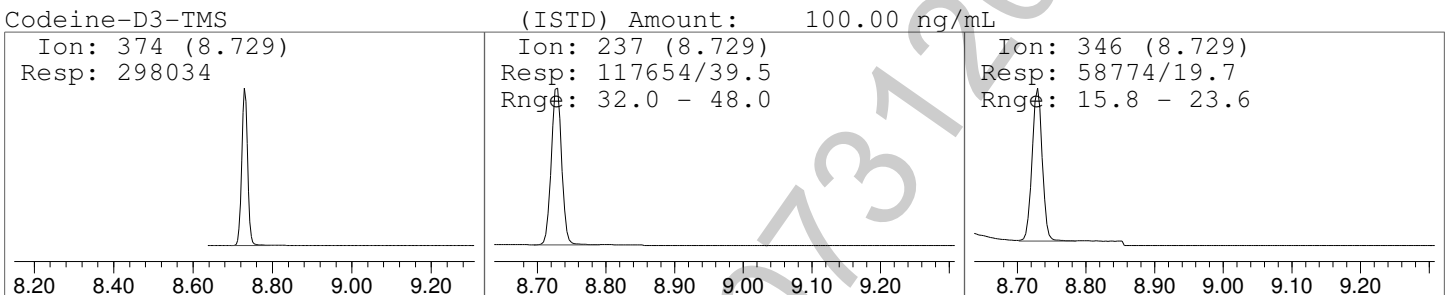
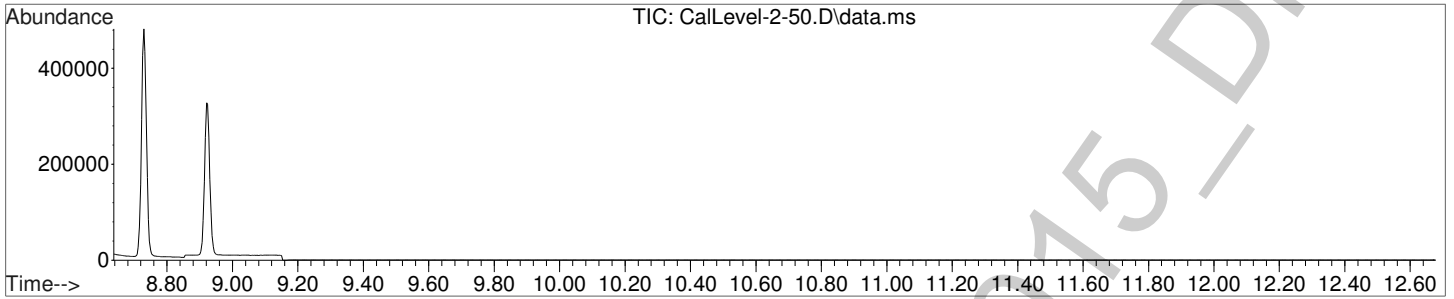
#4  
Morphine-TMS  
Concen: 46.82 ng/mL  
RT: 8.931 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: CalLevel-2-50.D  
Acq: 31 Jul 2015 15:51

Tgt Ion	Resp	Lower	Upper
429	11641	100	
287	92.8	48.6	73.0#
324	102.5	51.9	77.9#





Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-2-50.D  
 Acq On : 31 Jul 2015 15:51  
 Operator : D Downey  
 Sample : Calibrator Level 2: 50ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 3 Sample Multiplier: 1





Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-2-50.D  
 Acq On : 31 Jul 2015 15:51  
 Operator : D Downey  
 Sample : Calibrator Level 2: 50ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 21:16:04 2015  
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
 QLast Update : Fri Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	298034	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.924	432	212704	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.740	371	18098m*	50.58	ng/mL	Qvalue
4) Morphine-TMS	8.931	429	16099m*	66.26	ng/mL	

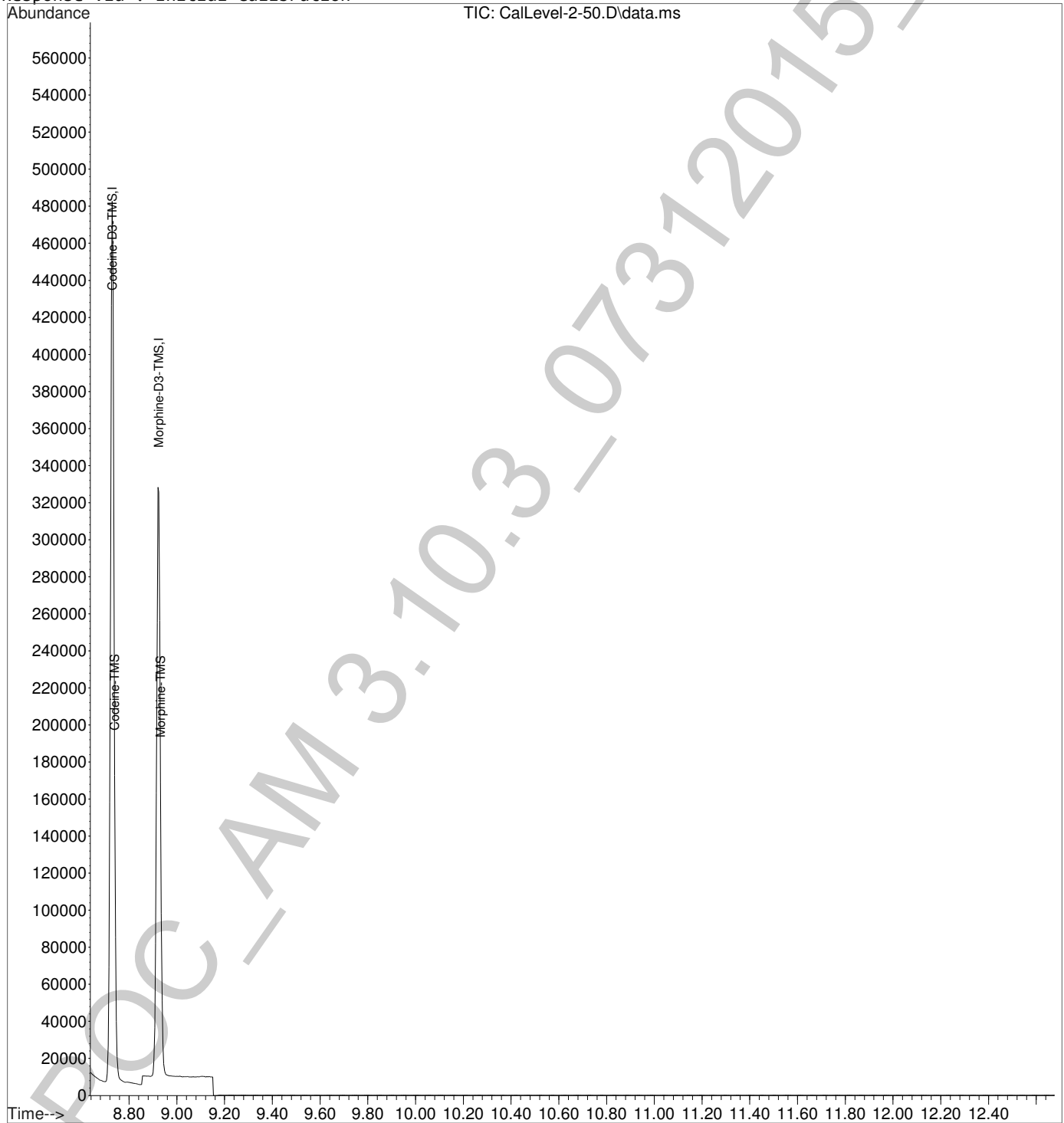
(#) = qualifier out of range (m) = manual integration (+) = signals summed

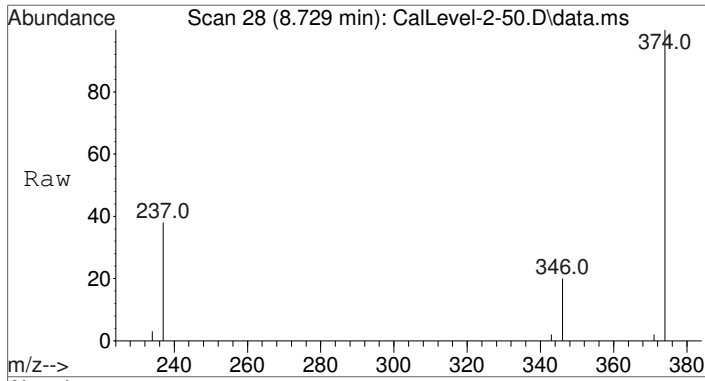
\*Manual integration successful. Morphine-TMS quantity outside 20% range - qualitative use only.

Quantitation Report (QT Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : CalLevel-2-50.D  
Acq On : 31 Jul 2015 15:51  
Operator : D Downey  
Sample : Calibrator Level 2: 50ng/mL  
Misc : Analytical Method 3.10.3  
ALS Vial : 3 Sample Multiplier: 1

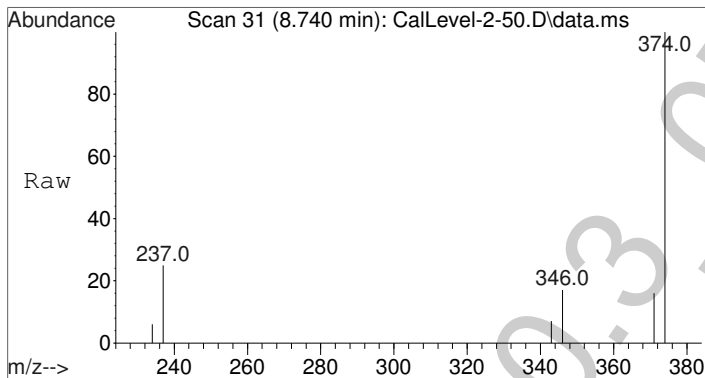
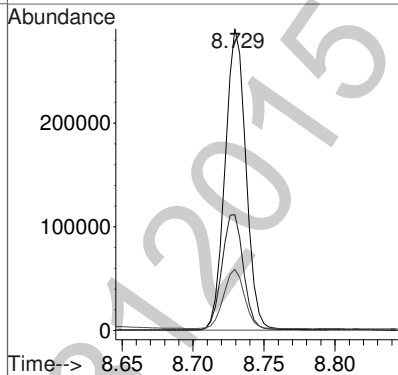
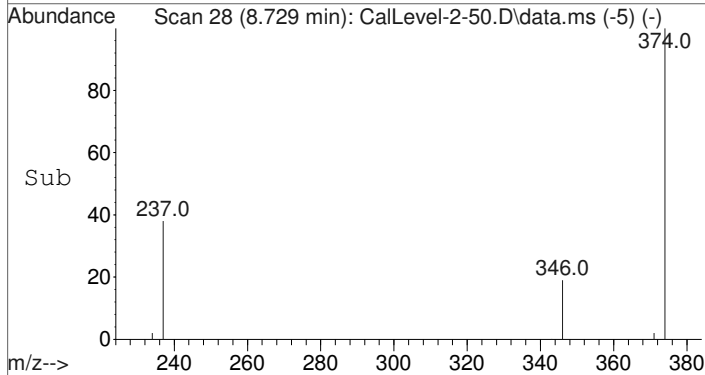
Quant Time: Jul 31 21:16:04 2015  
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





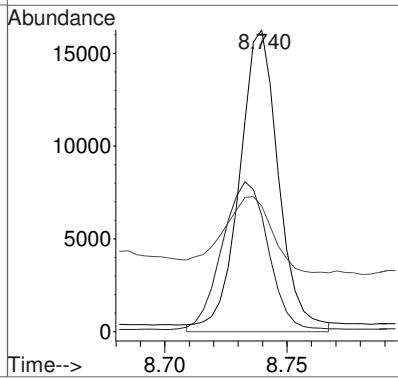
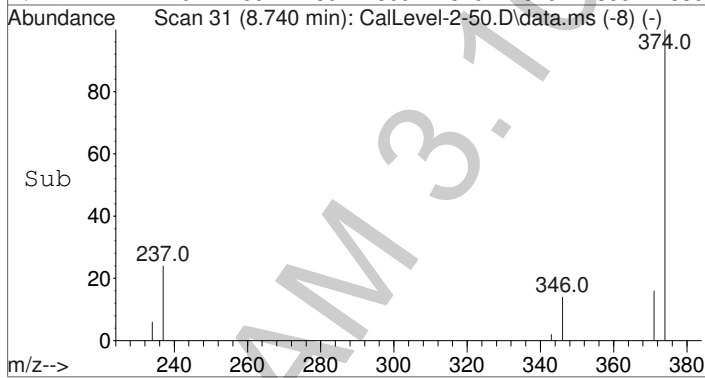
#1  
 Codeine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.729 min Scan# 28  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-2-50.D  
 Acq: 31 Jul 2015 15:51

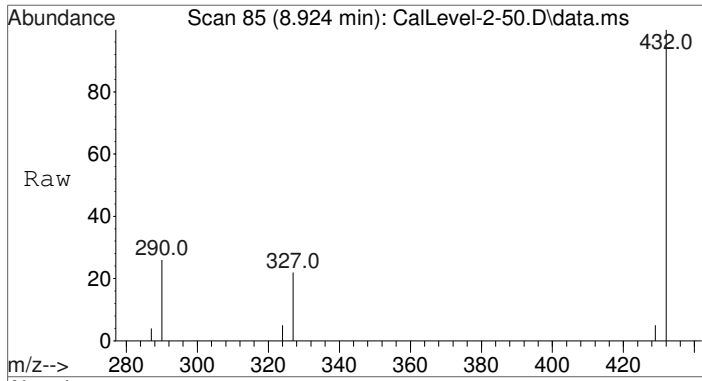
Tgt Ion	Resp	Lower	Upper
374	298034		
374	100		
237	39.5	32.0	48.0
346	19.7	15.8	23.6



#2  
 Codeine-TMS  
 Concen: 50.58 ng/mL m  
 RT: 8.740 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: CalLevel-2-50.D  
 Acq: 31 Jul 2015 15:51

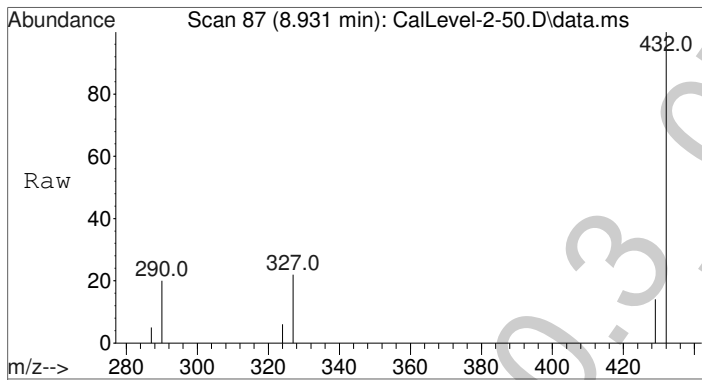
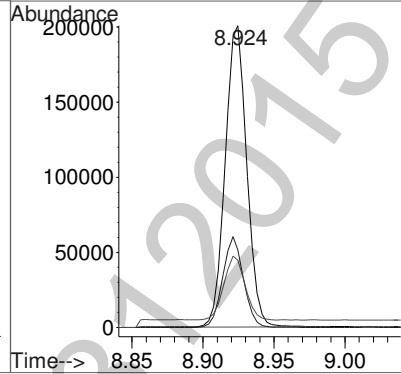
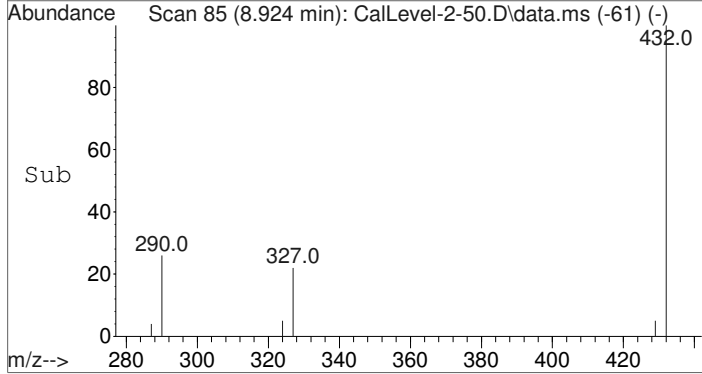
Tgt Ion	Resp	Lower	Upper
371	18098		
371	100		
234	57.0	40.1	60.1
343	31.9	22.2	33.4





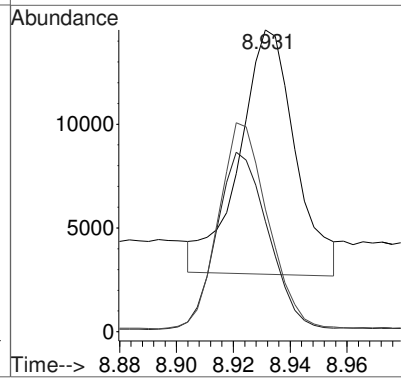
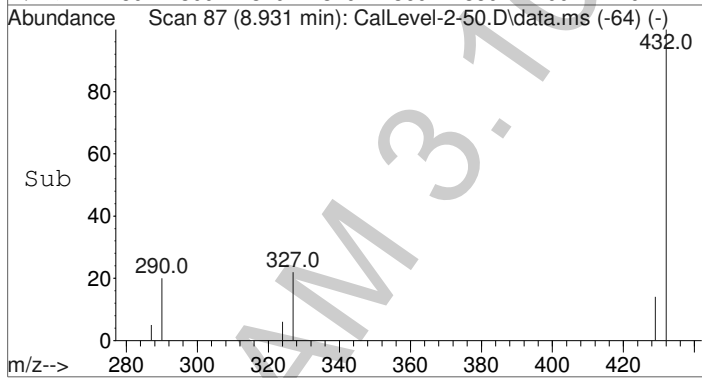
#3  
 Morphine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.924 min Scan# 85  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-2-50.D  
 Acq: 31 Jul 2015 15:51

Tgt Ion	Resp	Lower	Upper
432	100		
290	28.8	23.2	34.8
327	21.0	16.9	25.3



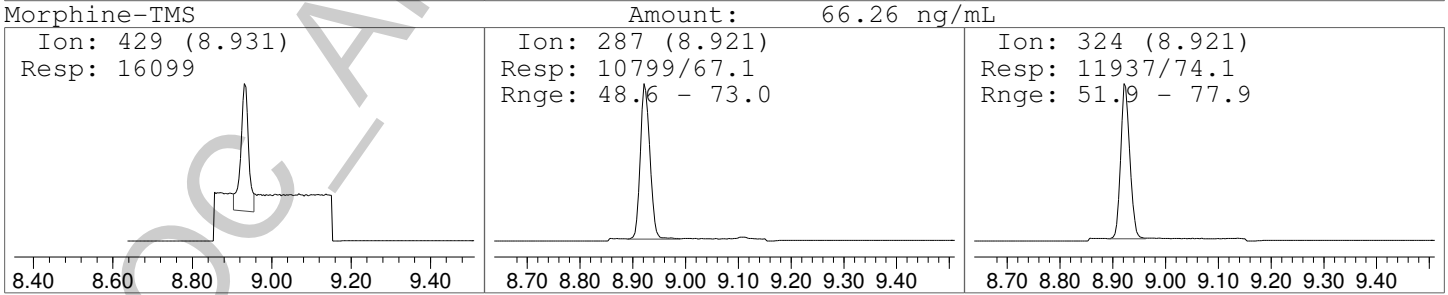
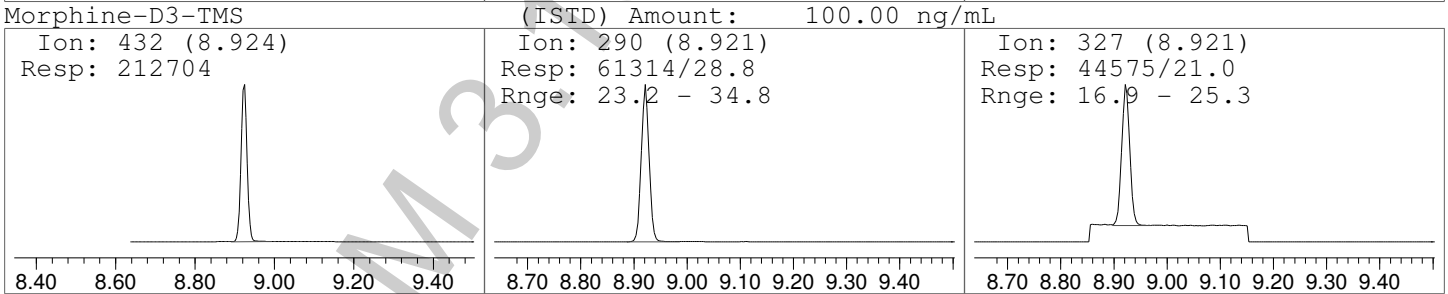
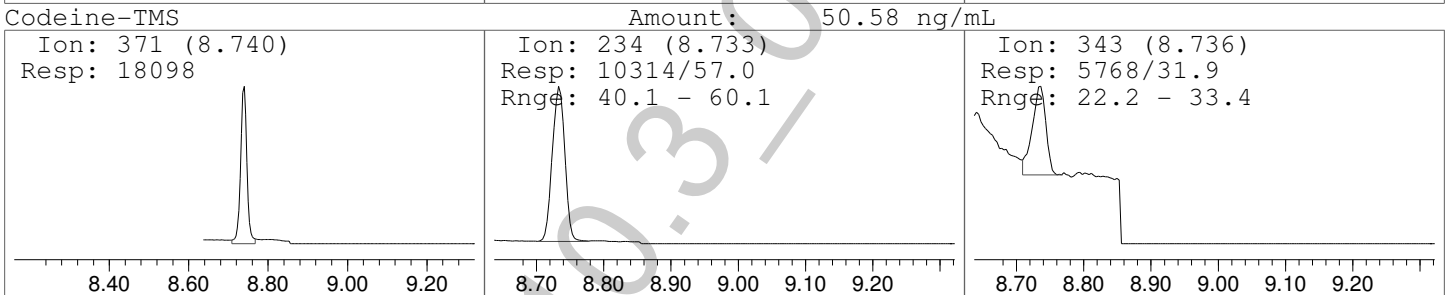
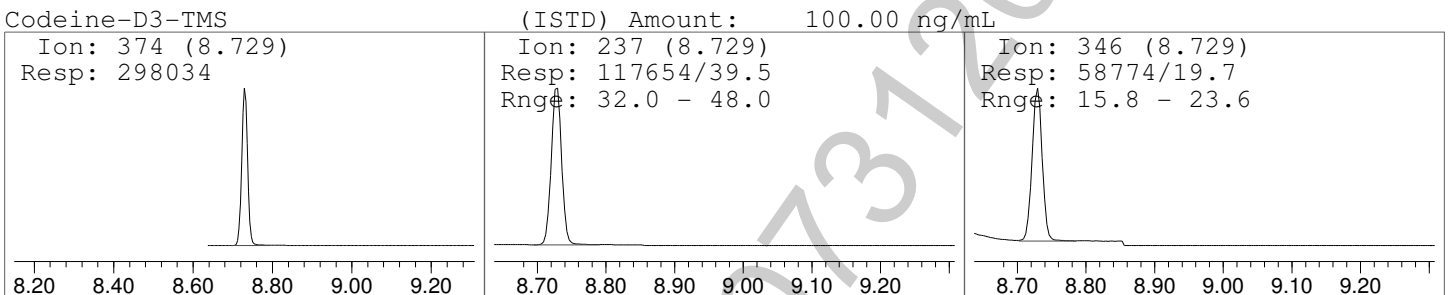
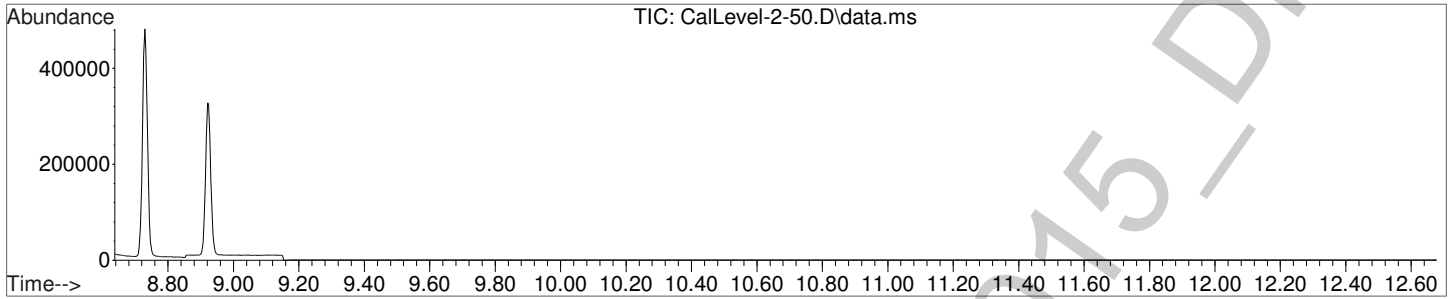
#4  
 Morphine-TMS  
 Concen: 66.26 ng/mL m  
 RT: 8.931 min Scan# 87  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-2-50.D  
 Acq: 31 Jul 2015 15:51

Tgt Ion	Resp	Lower	Upper
429	100		
287	67.1	48.6	73.0
324	74.1	51.9	77.9





Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-2-50.D  
 Acq On : 31 Jul 2015 15:51  
 Operator : D Downey  
 Sample : Calibrator Level 2: 50ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 3 Sample Multiplier: 1



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-3-100.D  
 Acq On : 31 Jul 2015 16:10  
 Operator : D Downey  
 Sample : Calibrator Level 3: 100ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 21:18:58 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 Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	310145	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.924	432	224404	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.740	371	33063	94.01	ng/mL	100
4) Morphine-TMS	8.931	429	24178	95.99	ng/mL	100

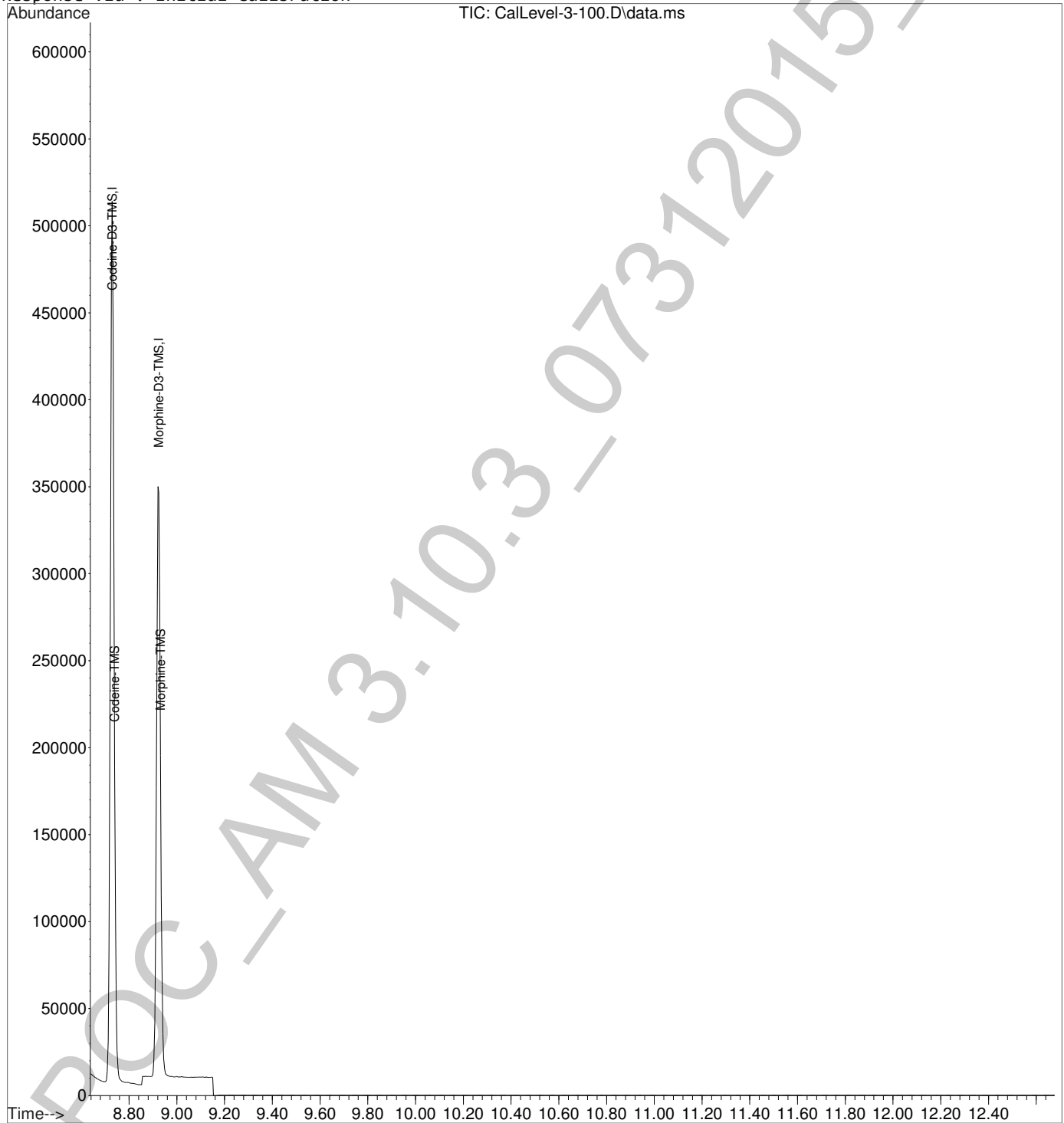
(#) = qualifier out of range (m) = manual integration (+) = signals summed

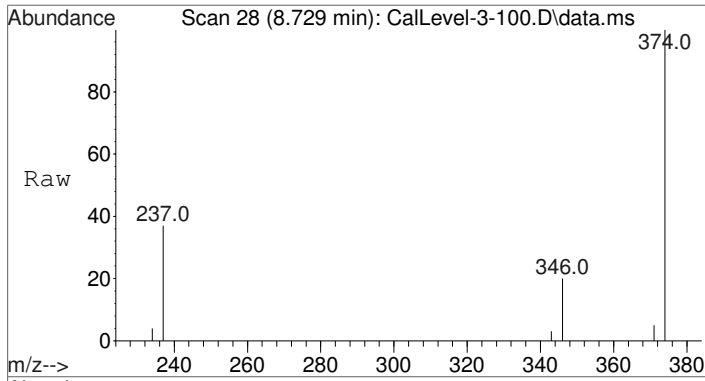


Quantitation Report (Not Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : CalLevel-3-100.D  
Acq On : 31 Jul 2015 16:10  
Operator : D Downey  
Sample : Calibrator Level 3: 100ng/mL  
Misc : Analytical Method 3.10.3  
ALS Vial : 4 Sample Multiplier: 1

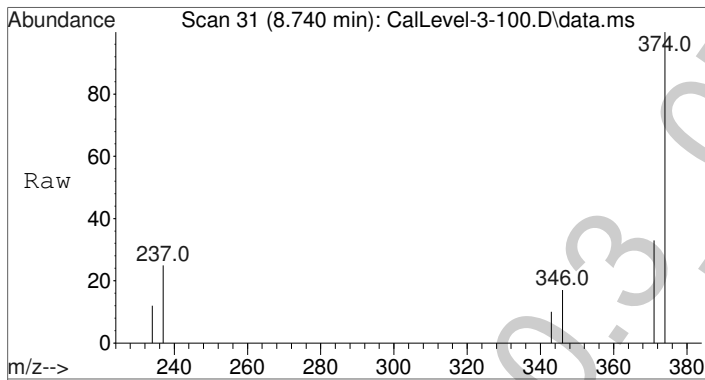
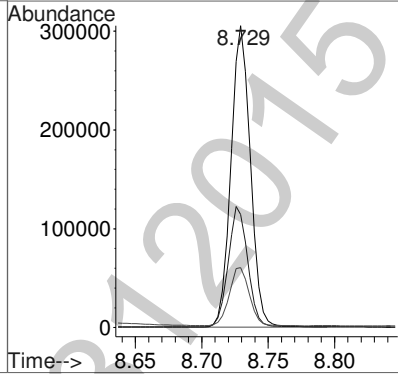
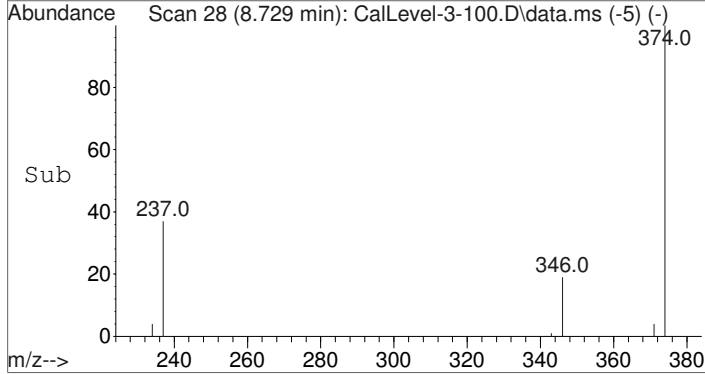
Quant Time: Jul 31 21:18:58 2015  
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





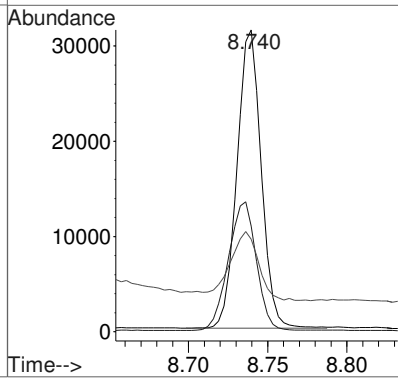
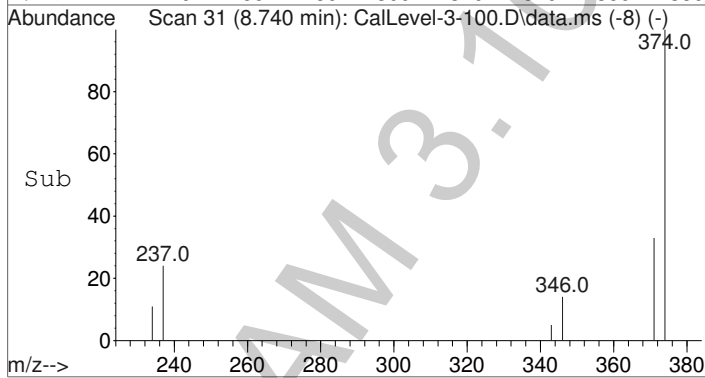
#1  
 Codeine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.729 min Scan# 28  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-3-100.D  
 Acq: 31 Jul 2015 16:10

Tgt Ion	Resp	Lower	Upper
374	310145		
374	100		
237	40.0	32.0	48.0
346	19.7	15.8	23.6

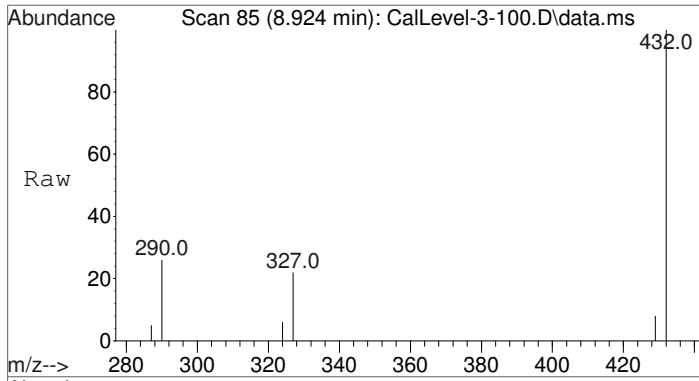


#2  
 Codeine-TMS  
 Concen: 94.01 ng/mL  
 RT: 8.740 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: CalLevel-3-100.D  
 Acq: 31 Jul 2015 16:10

Tgt Ion	Resp	Lower	Upper
371	33063		
371	100		
234	50.1	40.1	60.1
343	27.8	22.2	33.4

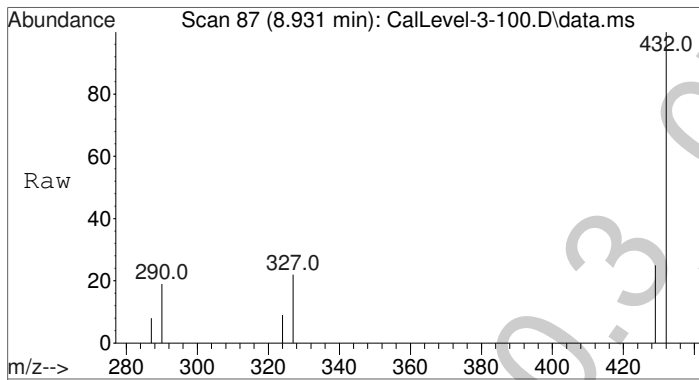
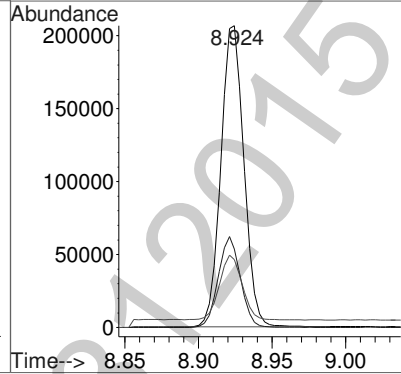
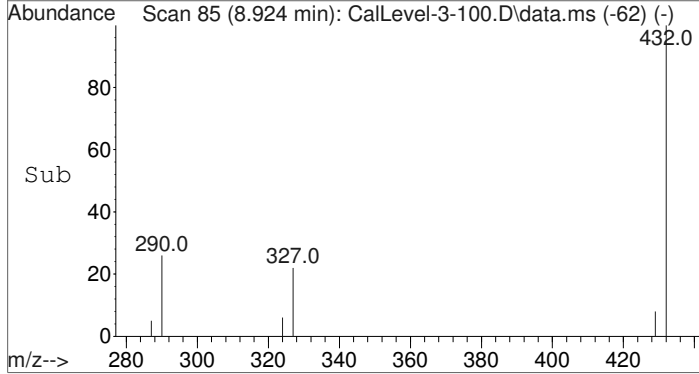






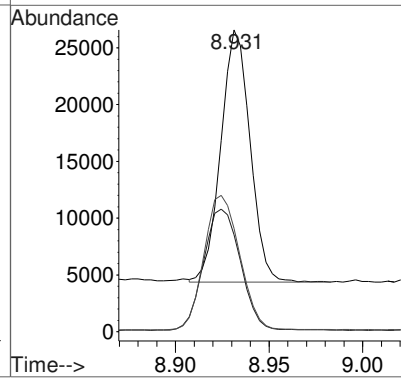
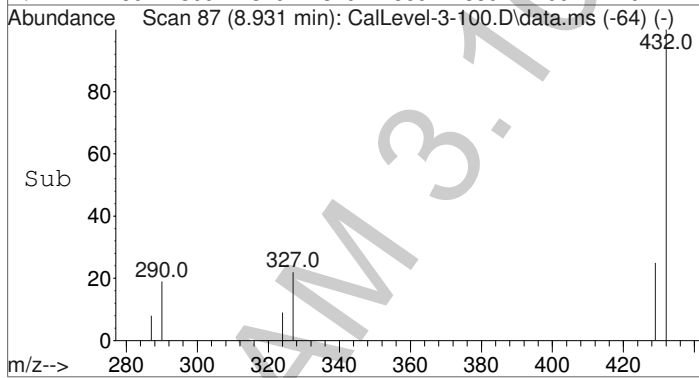
#3  
 Morphine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.924 min Scan# 85  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-3-100.D  
 Acq: 31 Jul 2015 16:10

Tgt Ion	Resp	Lower	Upper
432	100		
290	29.0	23.2	34.8
327	21.1	16.9	25.3



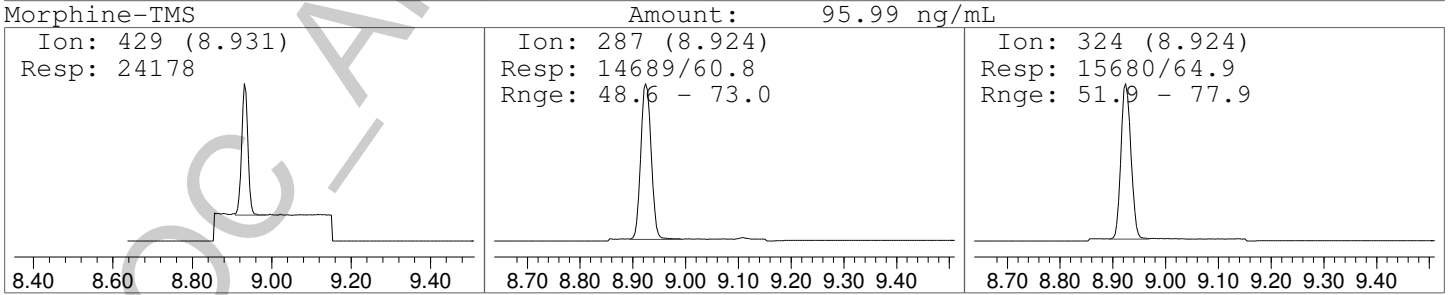
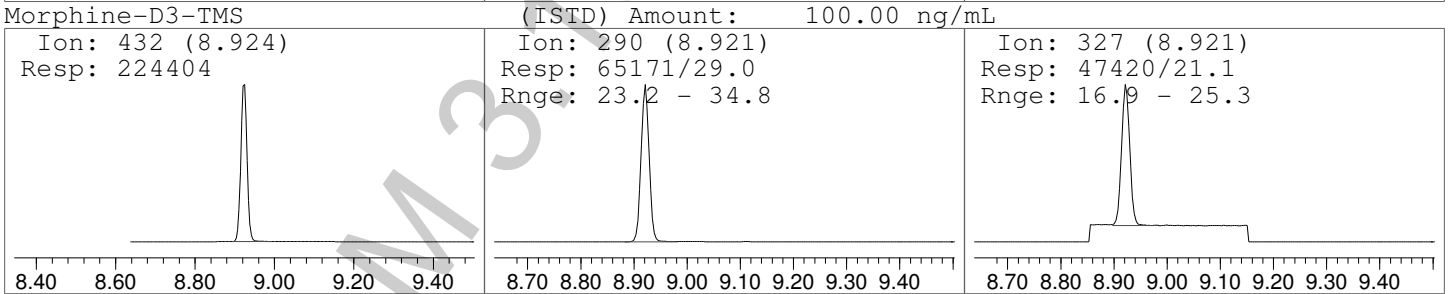
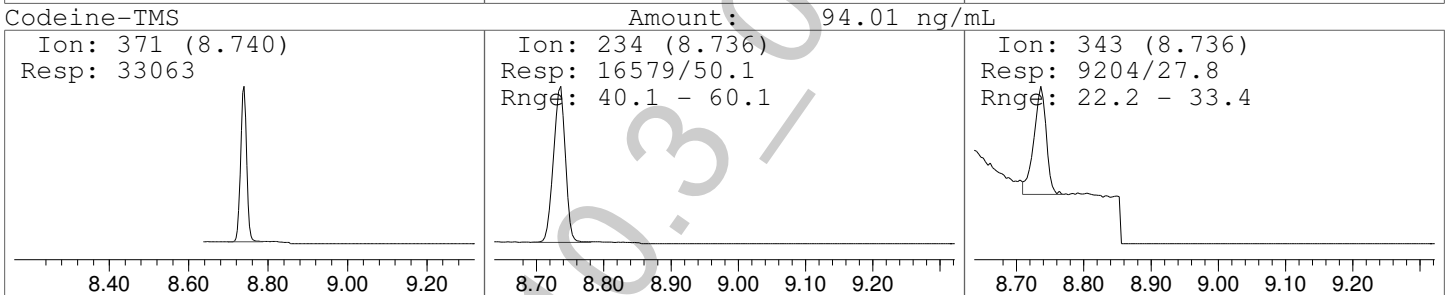
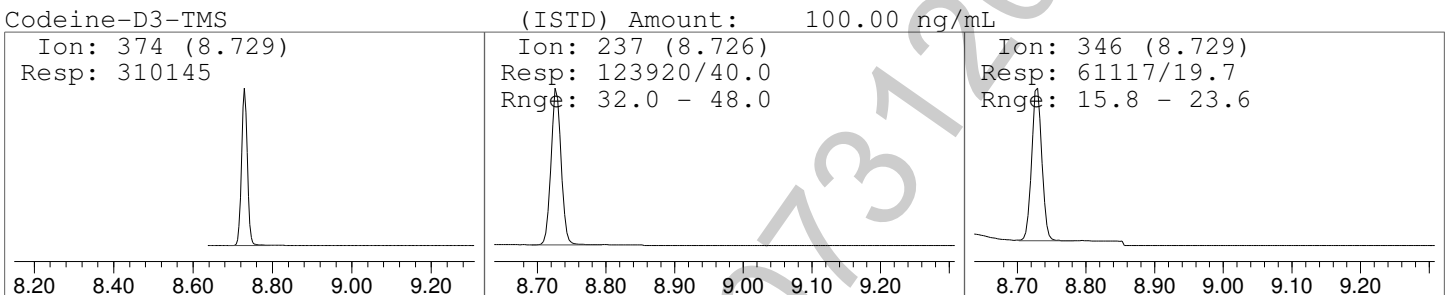
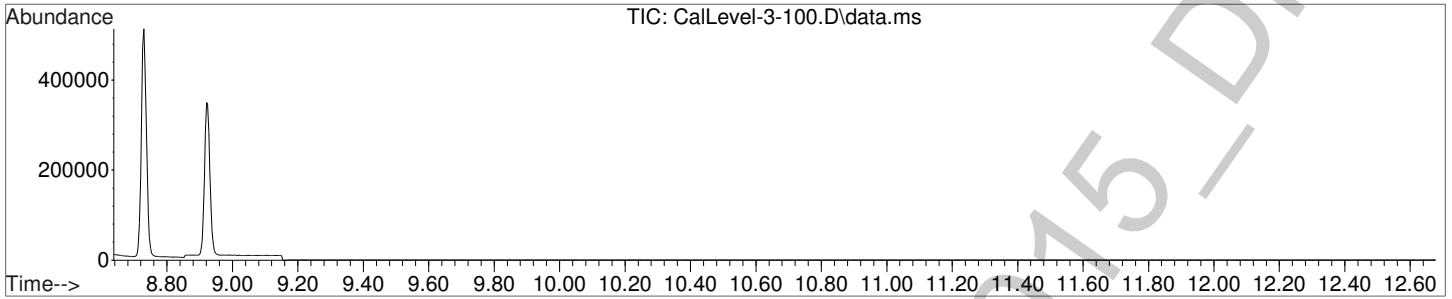
#4  
 Morphine-TMS  
 Concen: 95.99 ng/mL  
 RT: 8.931 min Scan# 87  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-3-100.D  
 Acq: 31 Jul 2015 16:10

Tgt Ion	Resp	Lower	Upper
429	100		
287	60.8	48.6	73.0
324	64.9	51.9	77.9





Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-3-100.D  
 Acq On : 31 Jul 2015 16:10  
 Operator : D Downey  
 Sample : Calibrator Level 3: 100ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 4 Sample Multiplier: 1



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-4-250.D  
 Acq On : 31 Jul 2015 16:28  
 Operator : D Downey  
 Sample : Calibrator Level 4: 250ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 5 Sample Multiplier: 1



Quant Time: Jul 31 21:19:06 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 Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	307068	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.924	432	229973	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.740	371	85982	258.15	ng/mL	89
4) Morphine-TMS	8.931	429	64578	256.51	ng/mL# *	71

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

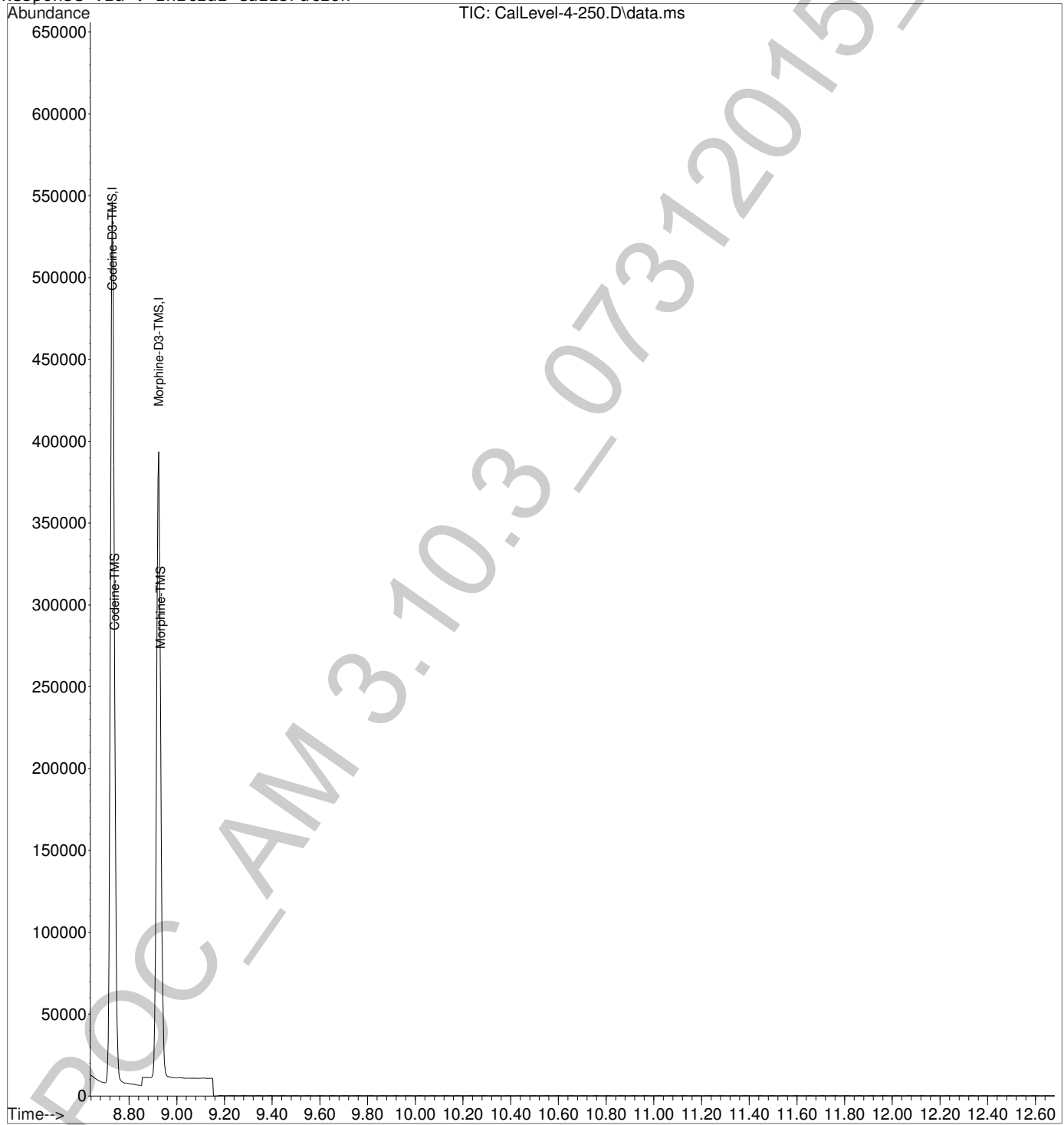
\*Qualifier ions out of range - refer to manual integration.

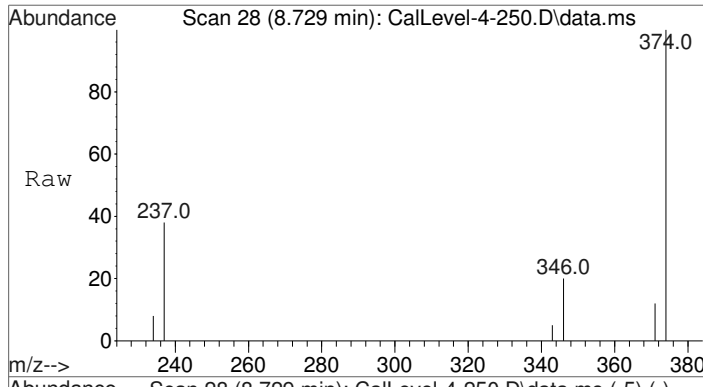
POC-AM 3.10.3-07312015-DND

Quantitation Report (Not Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : CalLevel-4-250.D  
Acq On : 31 Jul 2015 16:28  
Operator : D Downey  
Sample : Calibrator Level 4: 250ng/mL  
Misc : Analytical Method 3.10.3  
ALS Vial : 5 Sample Multiplier: 1

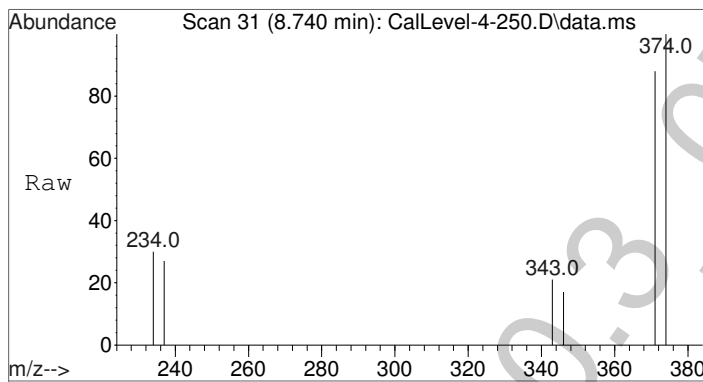
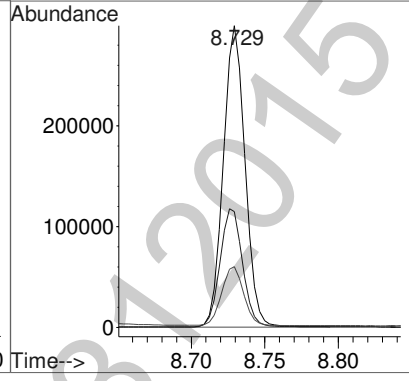
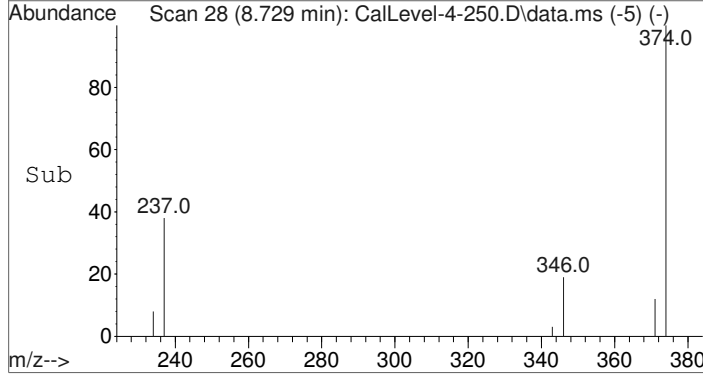
Quant Time: Jul 31 21:19:06 2015  
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





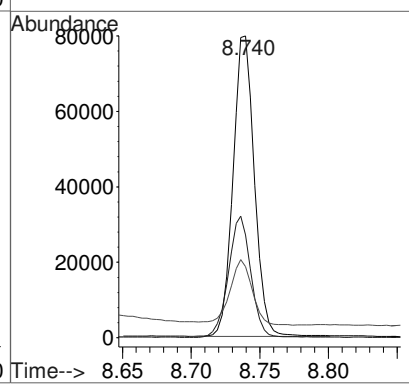
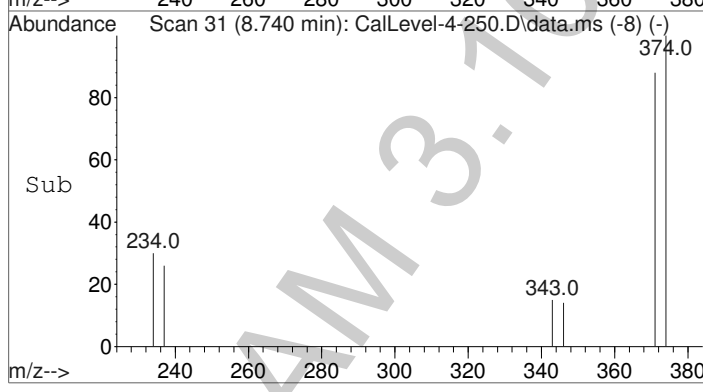
#1  
Codeine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.729 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: CalLevel-4-250.D  
Acq: 31 Jul 2015 16:28

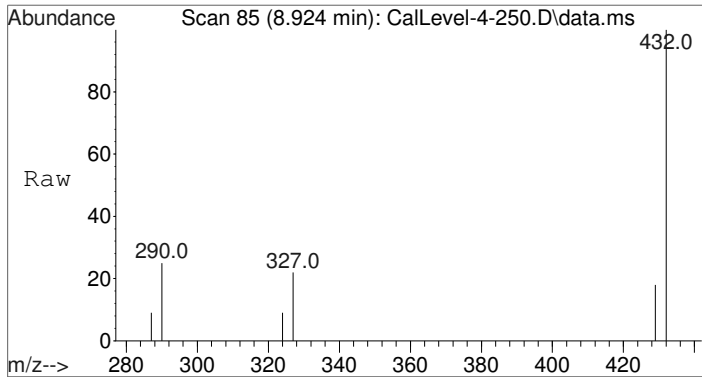
Tgt Ion	Resp	Lower	Upper
374	307068		
374	100		
237	40.5	32.0	48.0
346	19.8	15.8	23.6



#2  
Codeine-TMS  
Concen: 258.15 ng/mL  
RT: 8.740 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: CalLevel-4-250.D  
Acq: 31 Jul 2015 16:28

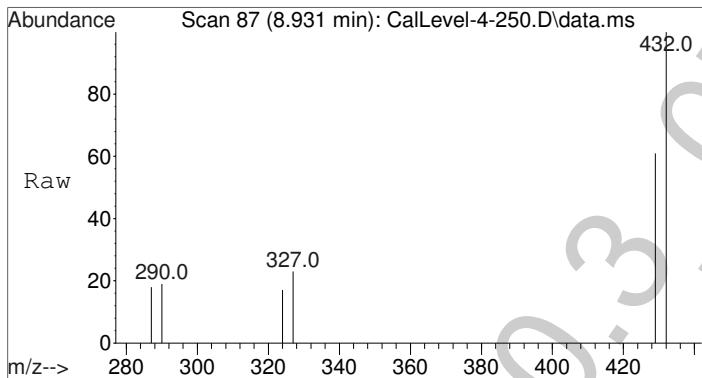
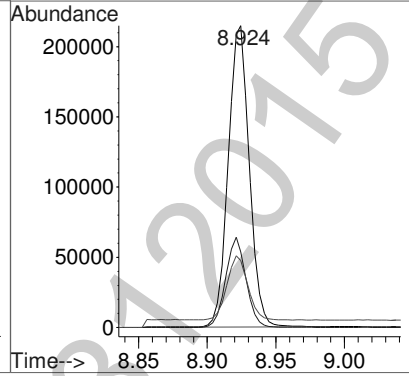
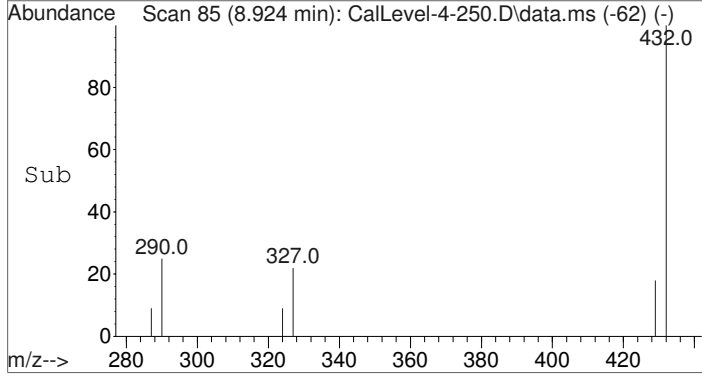
Tgt Ion	Resp	Lower	Upper
371	85982		
371	100		
234	42.0	40.1	60.1
343	22.8	22.2	33.4





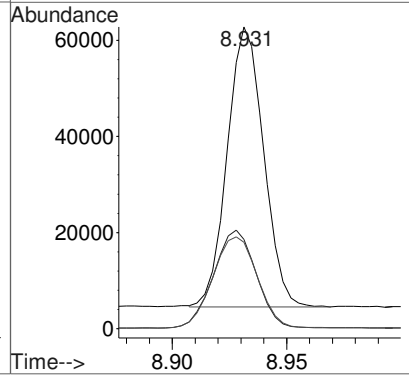
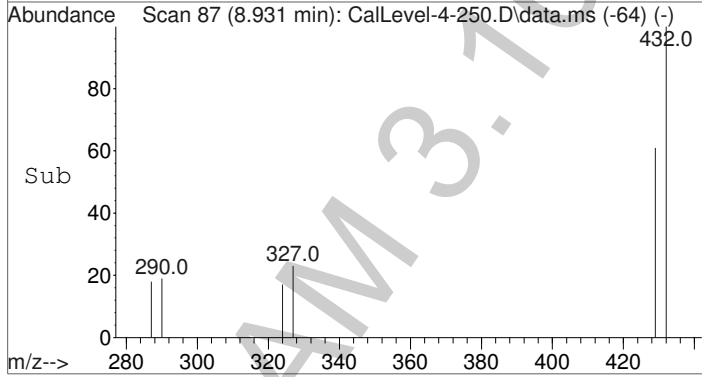
#3  
Morphine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.924 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: CalLevel-4-250.D  
Acq: 31 Jul 2015 16:28

Tgt Ion	Resp	Lower	Upper
432	229973	100	
290	28.7	23.2	34.8
327	21.0	16.9	25.3



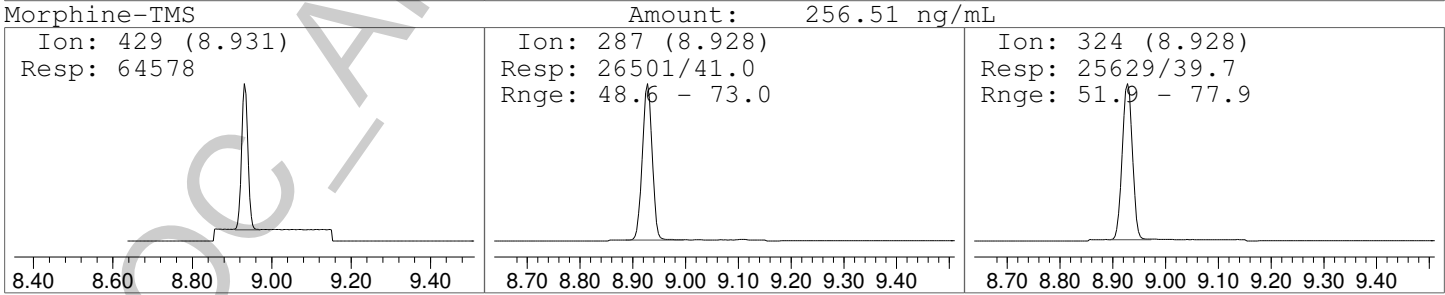
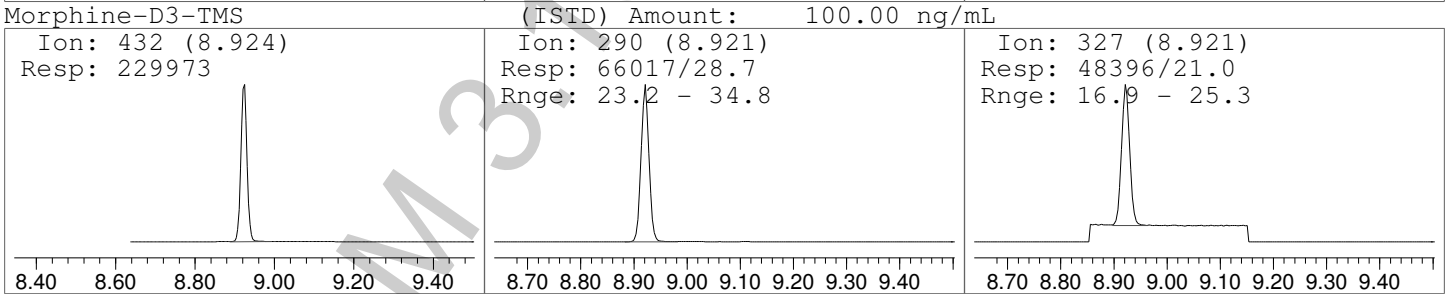
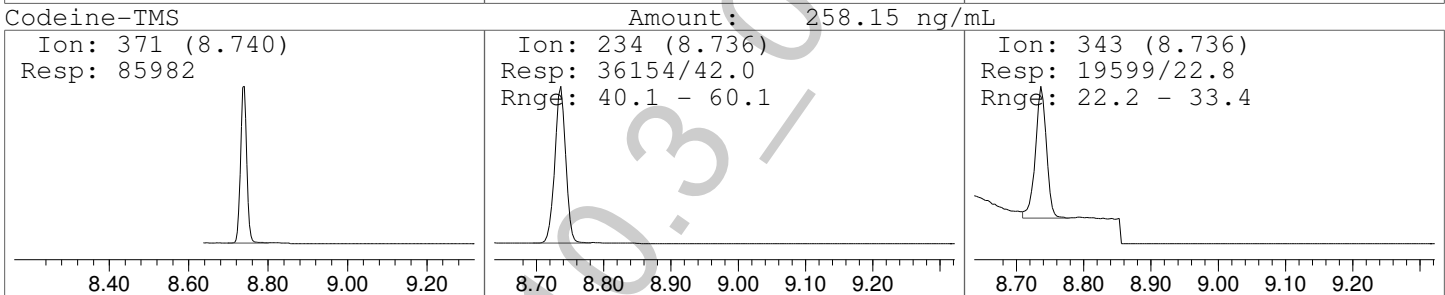
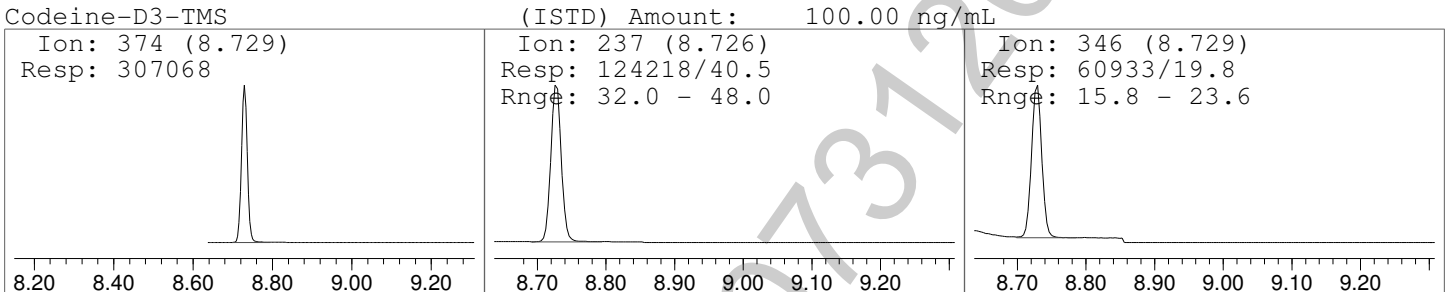
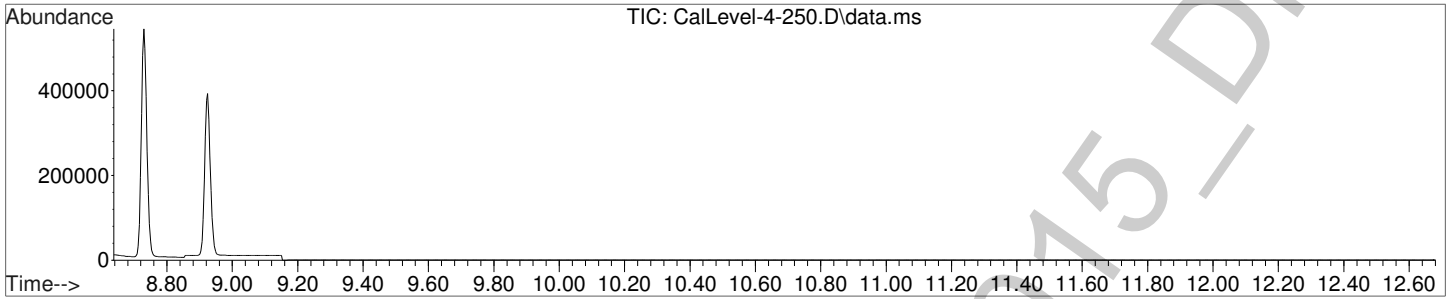
#4  
Morphine-TMS  
Concen: 256.51 ng/mL  
RT: 8.931 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: CalLevel-4-250.D  
Acq: 31 Jul 2015 16:28

Tgt Ion	Resp	Lower	Upper
429	64578	100	
287	41.0	48.6	73.0#
324	39.7	51.9	77.9#





Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-4-250.D  
 Acq On : 31 Jul 2015 16:28  
 Operator : D Downey  
 Sample : Calibrator Level 4: 250ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 5 Sample Multiplier: 1



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-4-250.D  
 Acq On : 31 Jul 2015 16:28  
 Operator : D Downey  
 Sample : Calibrator Level 4: 250ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 5 Sample Multiplier: 1



Quant Time: Jul 31 21:19:06 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 Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	307068	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.924	432	229973	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.740	371	85982	258.15	ng/mL	Qvalue 89
4) Morphine-TMS	8.931	429	43018m*	169.56	ng/mL	

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

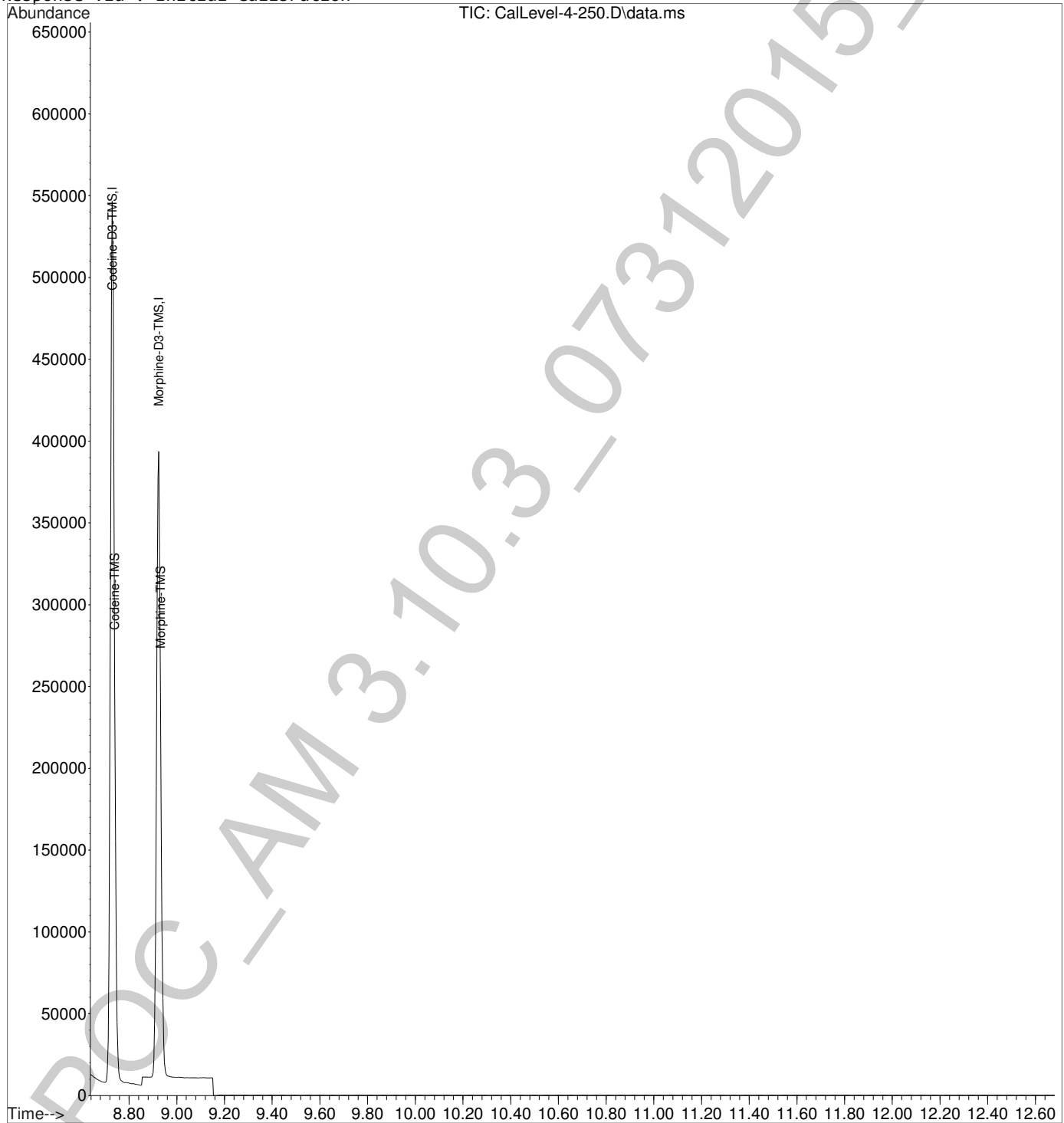
\*Manual integration successful. Morphine-TMS quantity outside 20% range - qualitative use only.

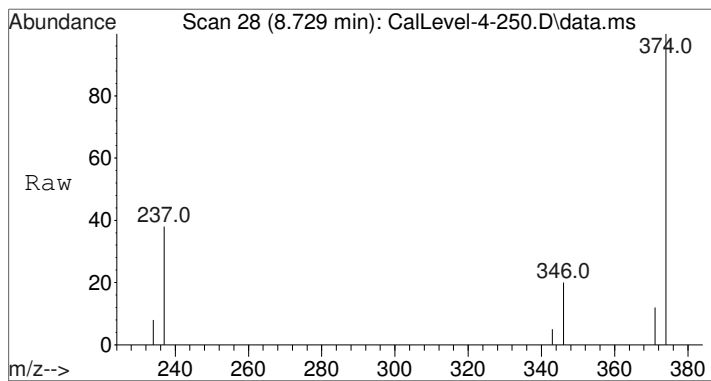


Quantitation Report (QT Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : CalLevel-4-250.D  
Acq On : 31 Jul 2015 16:28  
Operator : D Downey  
Sample : Calibrator Level 4: 250ng/mL  
Misc : Analytical Method 3.10.3  
ALS Vial : 5 Sample Multiplier: 1

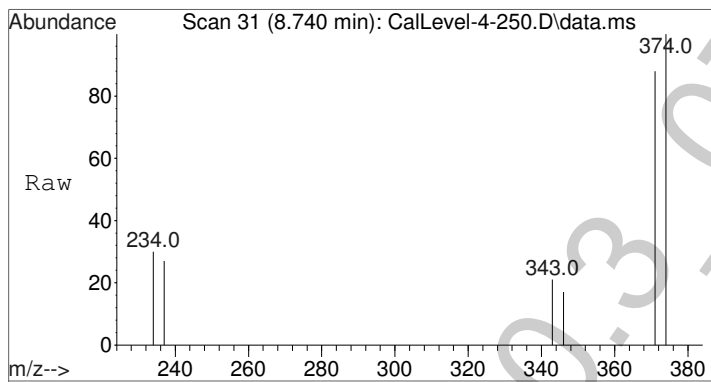
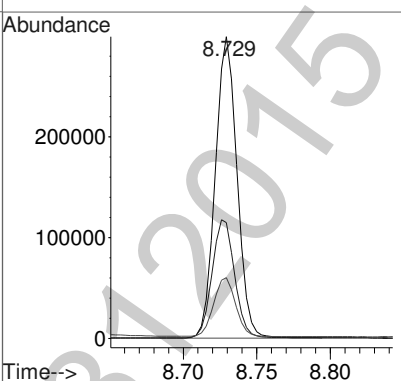
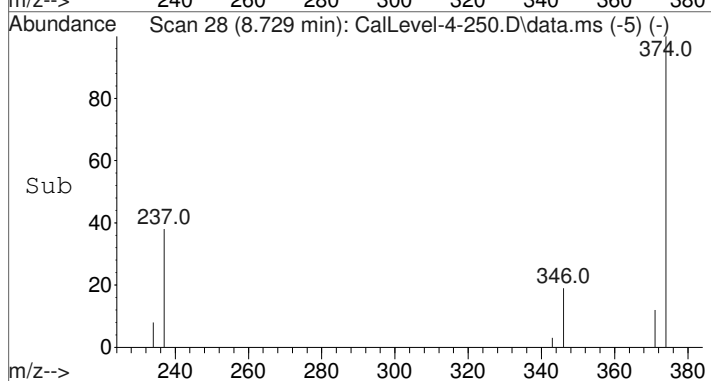
Quant Time: Jul 31 21:19:06 2015  
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





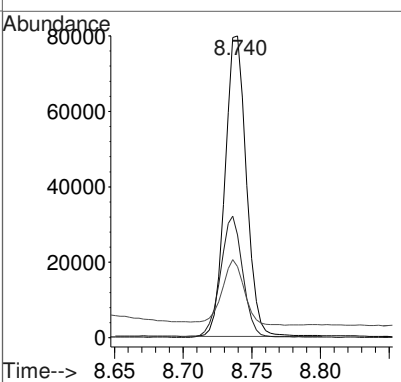
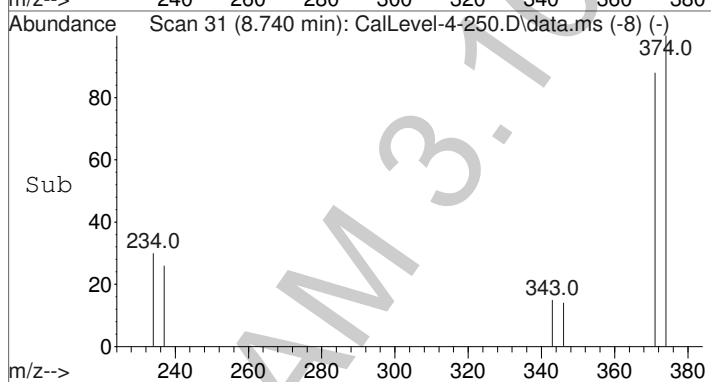
#1  
Codeine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.729 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: CalLevel-4-250.D  
Acq: 31 Jul 2015 16:28

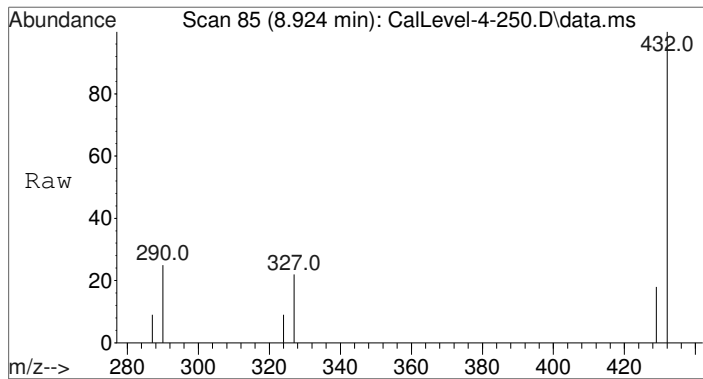
Tgt Ion	Resp	Lower	Upper
374	307068		
374	100		
237	40.5	32.0	48.0
346	19.8	15.8	23.6



#2  
Codeine-TMS  
Concen: 258.15 ng/mL  
RT: 8.740 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: CalLevel-4-250.D  
Acq: 31 Jul 2015 16:28

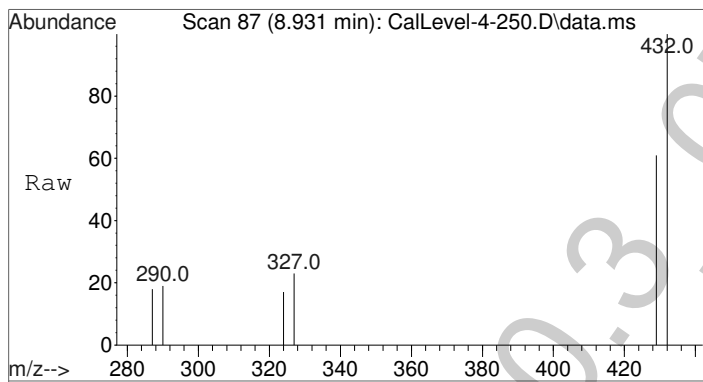
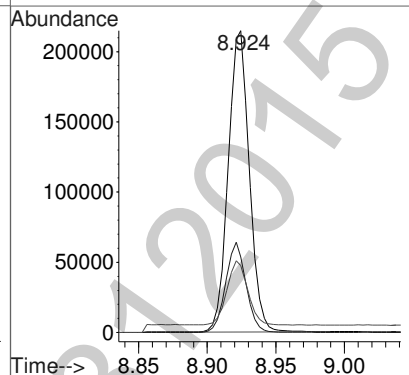
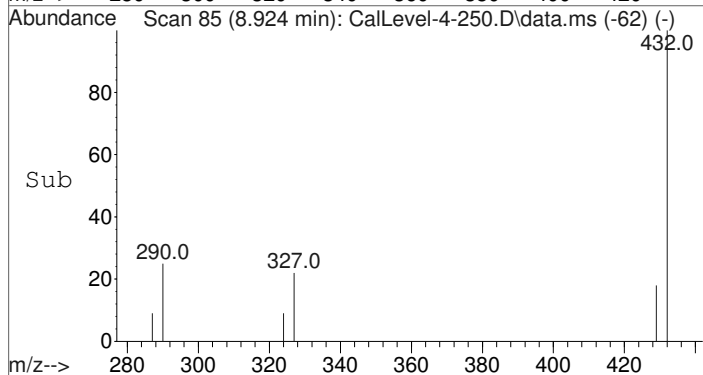
Tgt Ion	Resp	Lower	Upper
371	85982		
371	100		
234	42.0	40.1	60.1
343	22.8	22.2	33.4





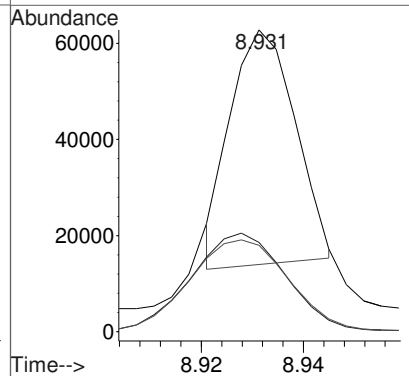
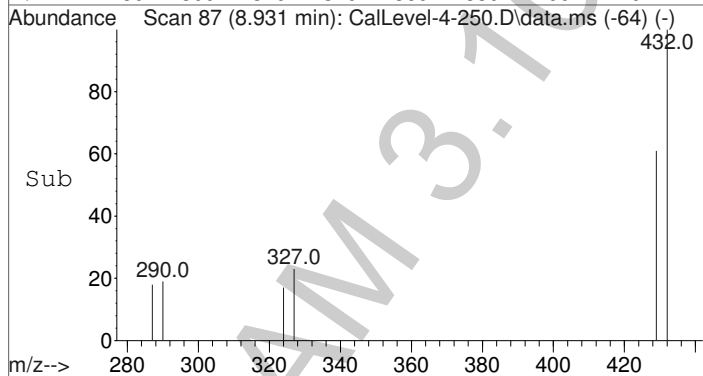
#3  
Morphine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.924 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: CalLevel-4-250.D  
Acq: 31 Jul 2015 16:28

Tgt Ion	Resp	Lower	Upper
432	229973	100	
290	28.7	23.2	34.8
327	21.0	16.9	25.3



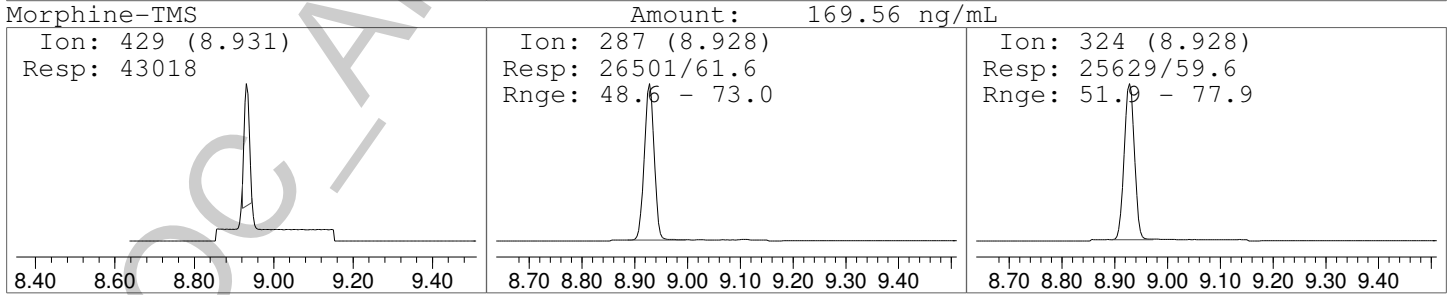
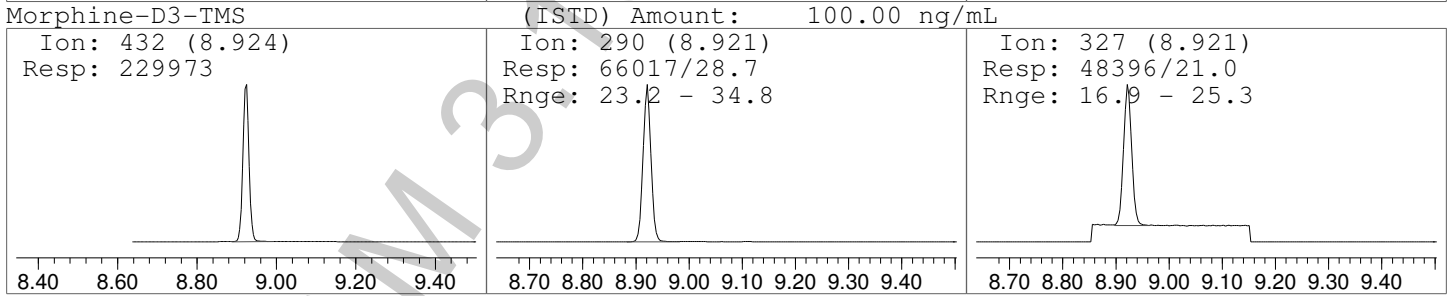
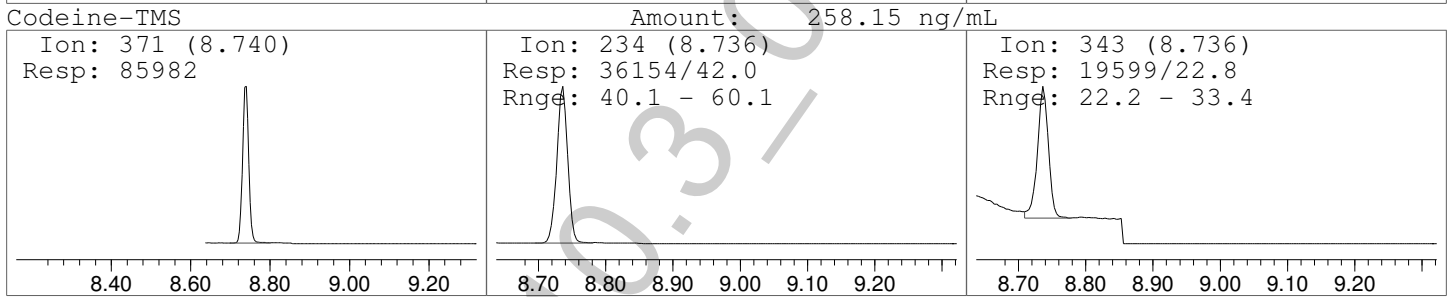
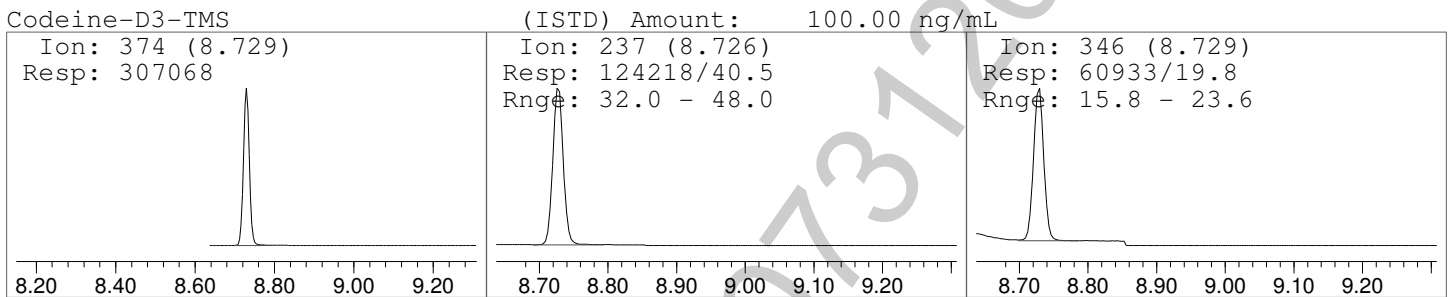
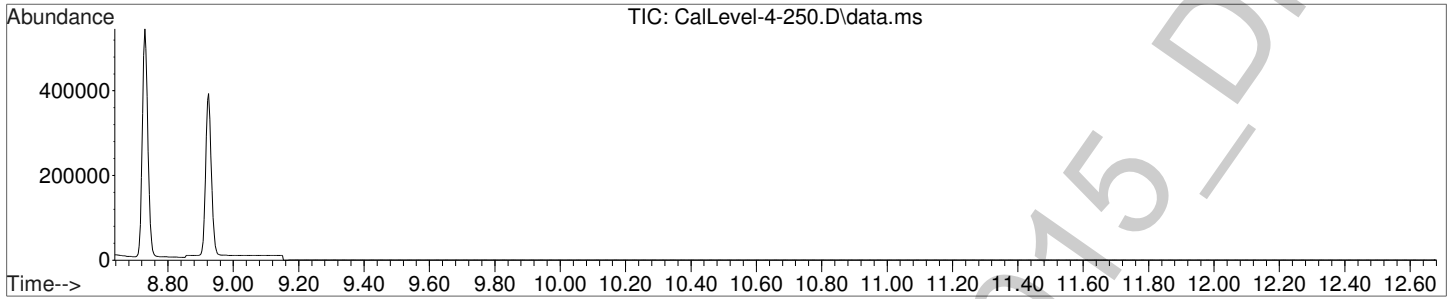
#4  
Morphine-TMS  
Concen: 169.56 ng/mL m  
RT: 8.931 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: CalLevel-4-250.D  
Acq: 31 Jul 2015 16:28

Tgt Ion	Resp	Lower	Upper
429	43018	100	
287	61.6	48.6	73.0
324	59.6	51.9	77.9





Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-4-250.D  
 Acq On : 31 Jul 2015 16:28  
 Operator : D Downey  
 Sample : Calibrator Level 4: 250ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 5 Sample Multiplier: 1



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-5-500.D  
 Acq On : 31 Jul 2015 16:47  
 Operator : D Downey  
 Sample : Calibrator Level 5: 500ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 6 Sample Multiplier: 1



Quant Time: Jul 31 21:21:54 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 Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	420607	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.921	432	319358	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.740	371	230223	511.21	ng/mL#*	86
4) Morphine-TMS	8.931	429	176966	510.01	ng/mL#*	62

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

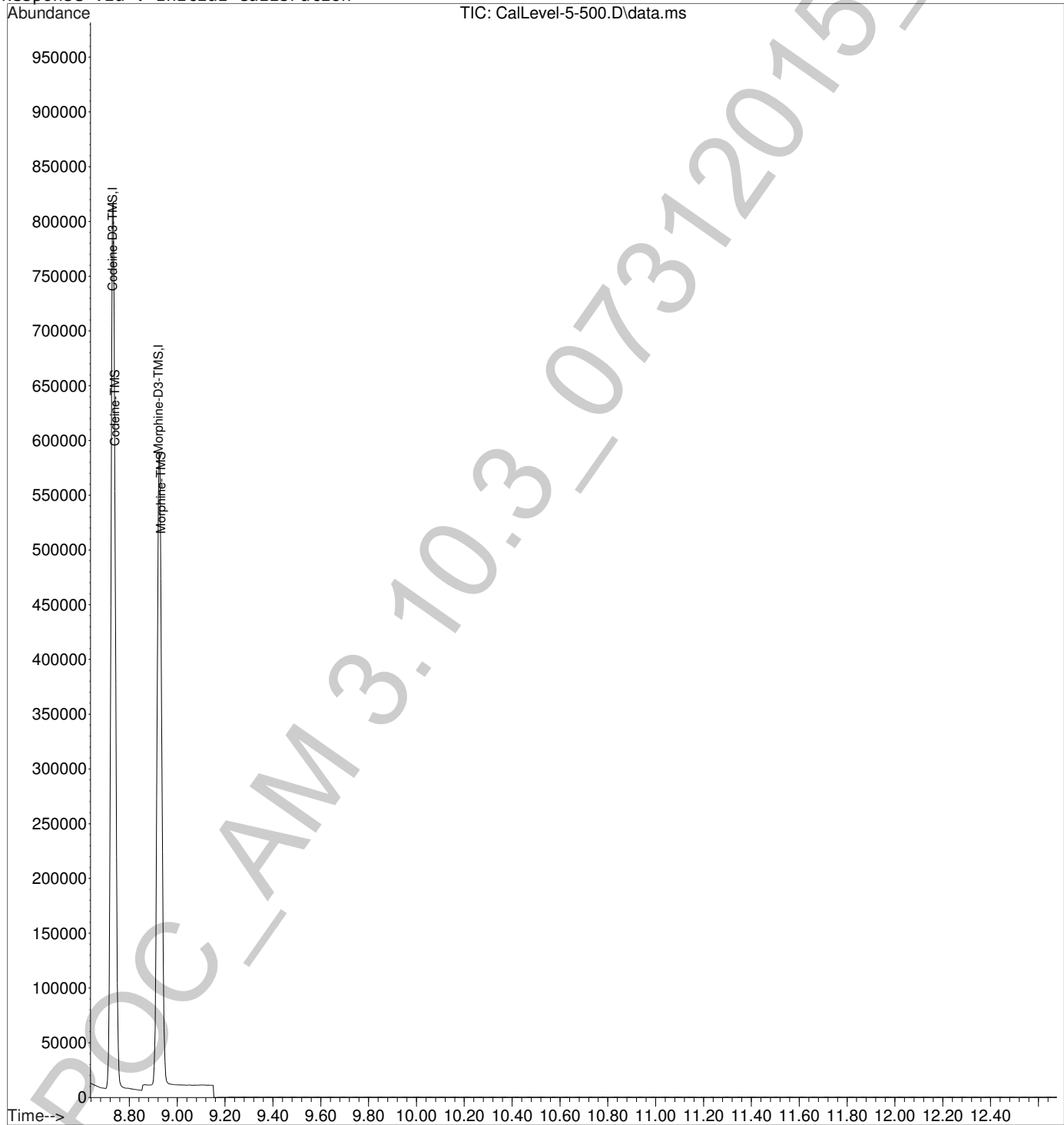
\*Qualifier ions out of range - refer to manual integration.

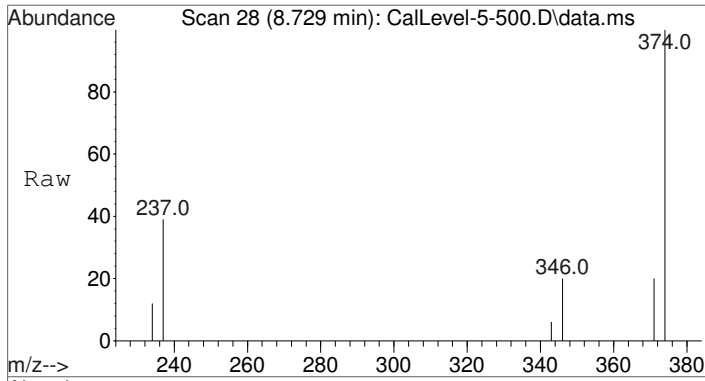
Quantitation Report (Not Reviewed)



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : CalLevel-5-500.D  
Acq On : 31 Jul 2015 16:47  
Operator : D Downey  
Sample : Calibrator Level 5: 500ng/mL  
Misc : Analytical Method 3.10.3  
ALS Vial : 6 Sample Multiplier: 1

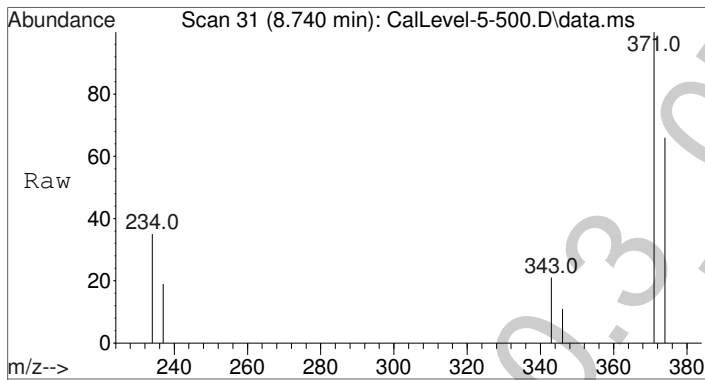
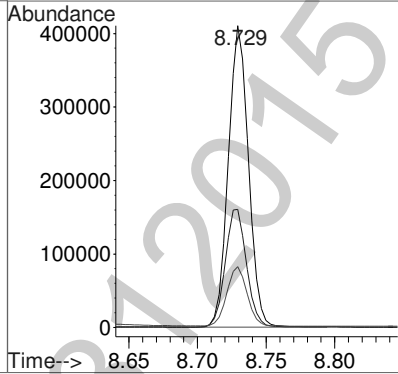
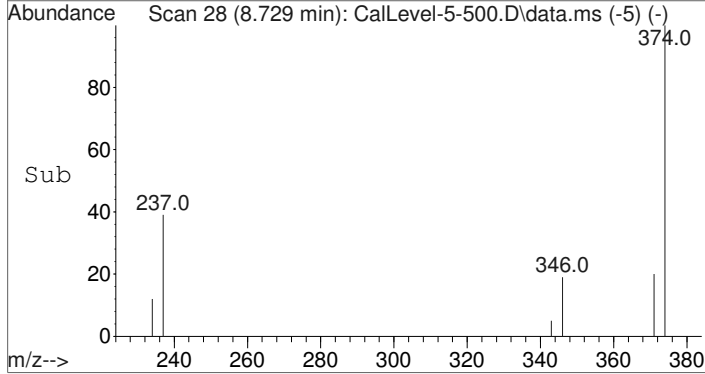
Quant Time: Jul 31 21:21:54 2015  
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





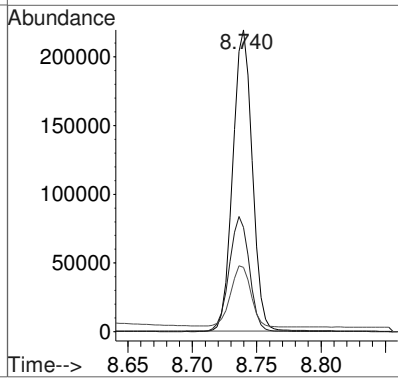
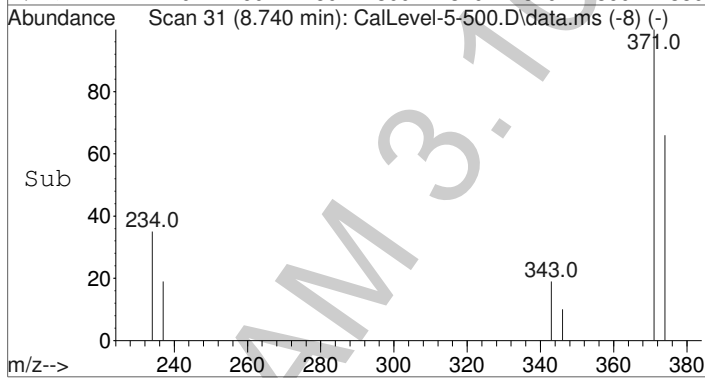
#1  
 Codeine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.729 min Scan# 28  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-5-500.D  
 Acq: 31 Jul 2015 16:47

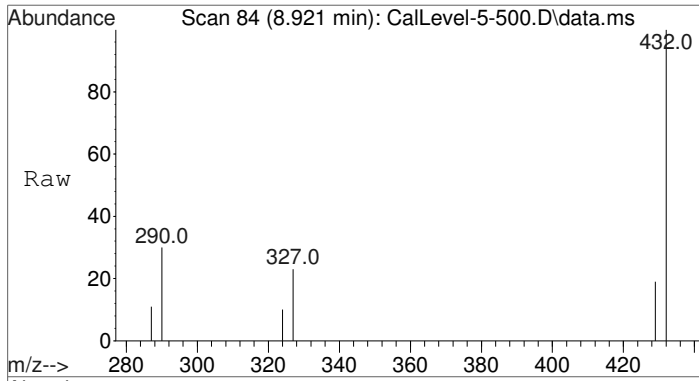
Tgt Ion	Resp	Lower	Upper
374	420607		
374	100		
237	41.1	32.0	48.0
346	19.8	15.8	23.6



#2  
 Codeine-TMS  
 Concen: 511.21 ng/mL  
 RT: 8.740 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: CalLevel-5-500.D  
 Acq: 31 Jul 2015 16:47

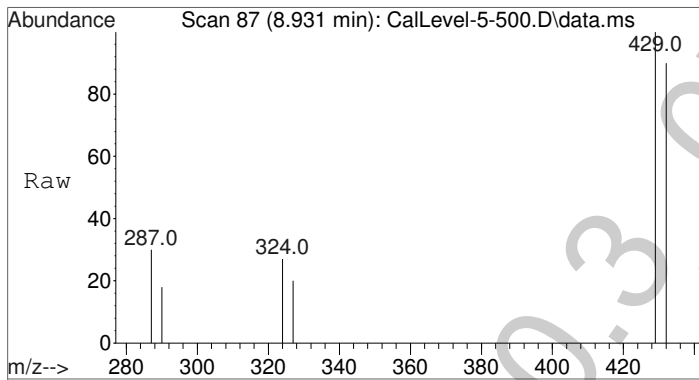
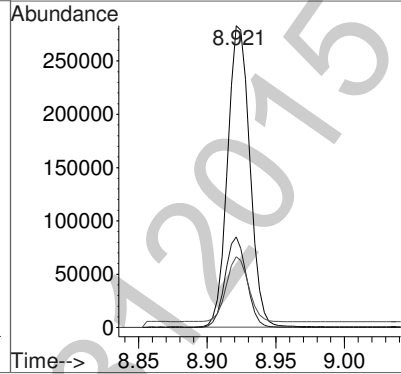
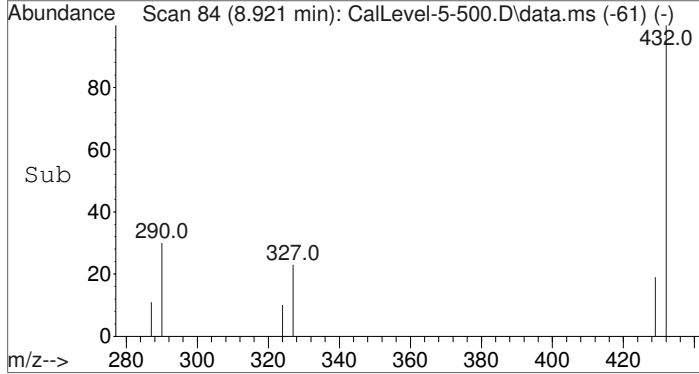
Tgt Ion	Resp	Lower	Upper
371	230223		
371	100		
234	39.5	40.1	60.1#
343	21.4	22.2	33.4#





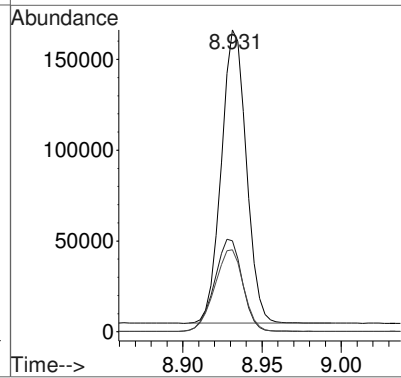
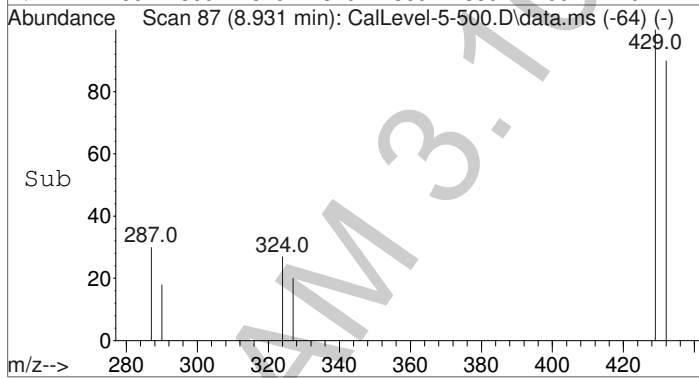
#3  
 Morphine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.921 min Scan# 84  
 Delta R.T. -0.003 min  
 Lab File: CalLevel-5-500.D  
 Acq: 31 Jul 2015 16:47

Tgt Ion	Resp	Lower	Upper
432	100		
290	29.1	23.2	34.8
327	21.5	16.9	25.3



#4  
 Morphine-TMS  
 Concen: 510.01 ng/mL  
 RT: 8.931 min Scan# 87  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-5-500.D  
 Acq: 31 Jul 2015 16:47

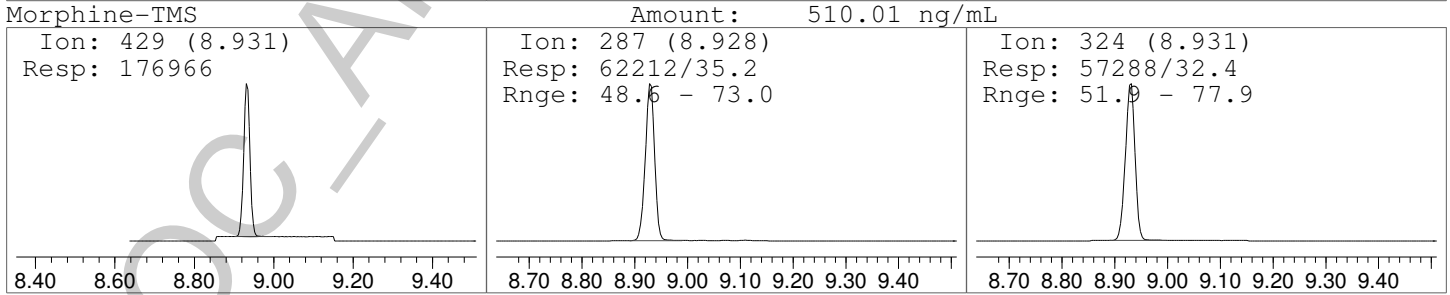
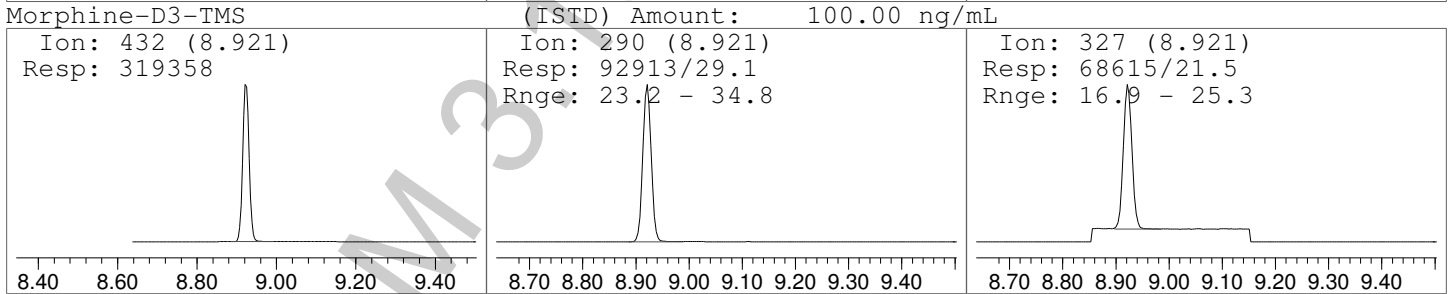
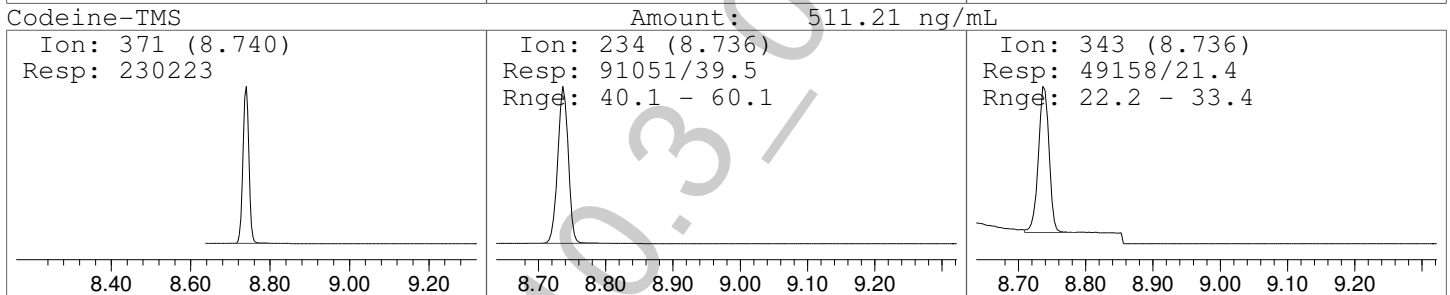
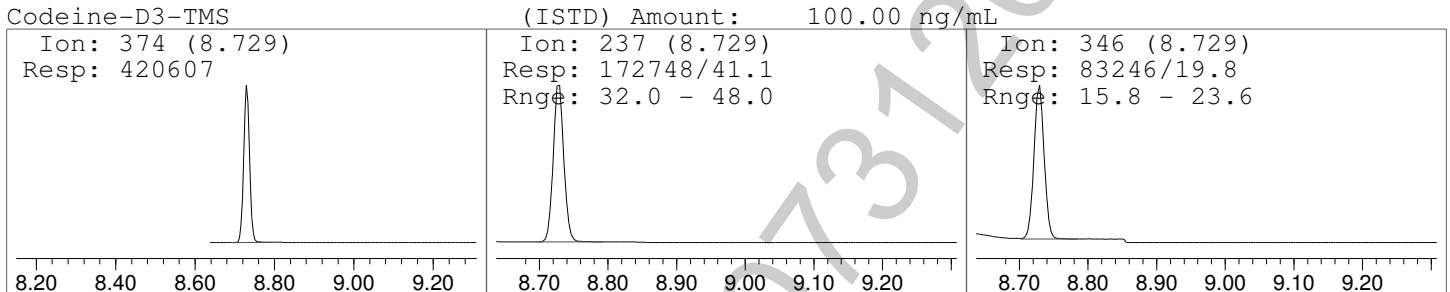
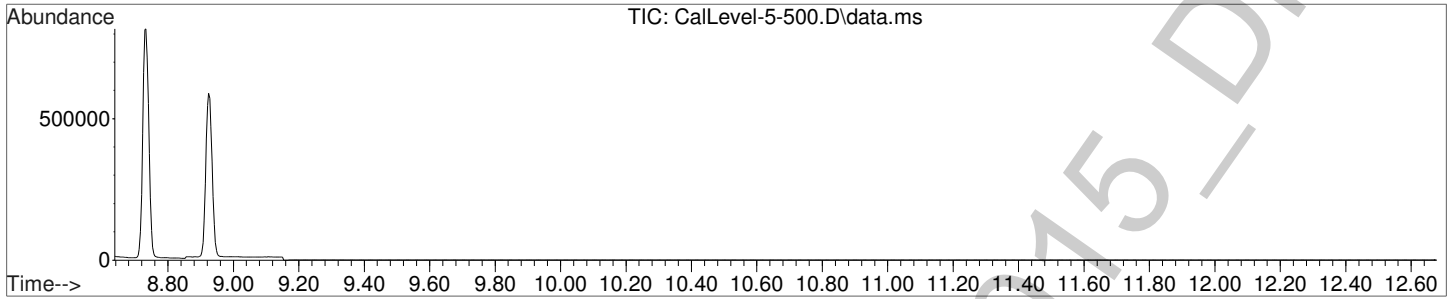
Tgt Ion	Resp	Lower	Upper
429	100		
287	35.2	48.6	73.0#
324	32.4	51.9	77.9#







Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-5-500.D  
 Acq On : 31 Jul 2015 16:47  
 Operator : D Downey  
 Sample : Calibrator Level 5: 500ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 6 Sample Multiplier: 1





Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-5-500.D  
 Acq On : 31 Jul 2015 16:47  
 Operator : D Downey  
 Sample : Calibrator Level 5: 500ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 31 21:21:54 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 Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	420607	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.921	432	319358	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.740	371	193708m * 429.03	ng/mL		Qvalue
4) Morphine-TMS	8.931	429	109362m * 313.67	ng/mL		

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

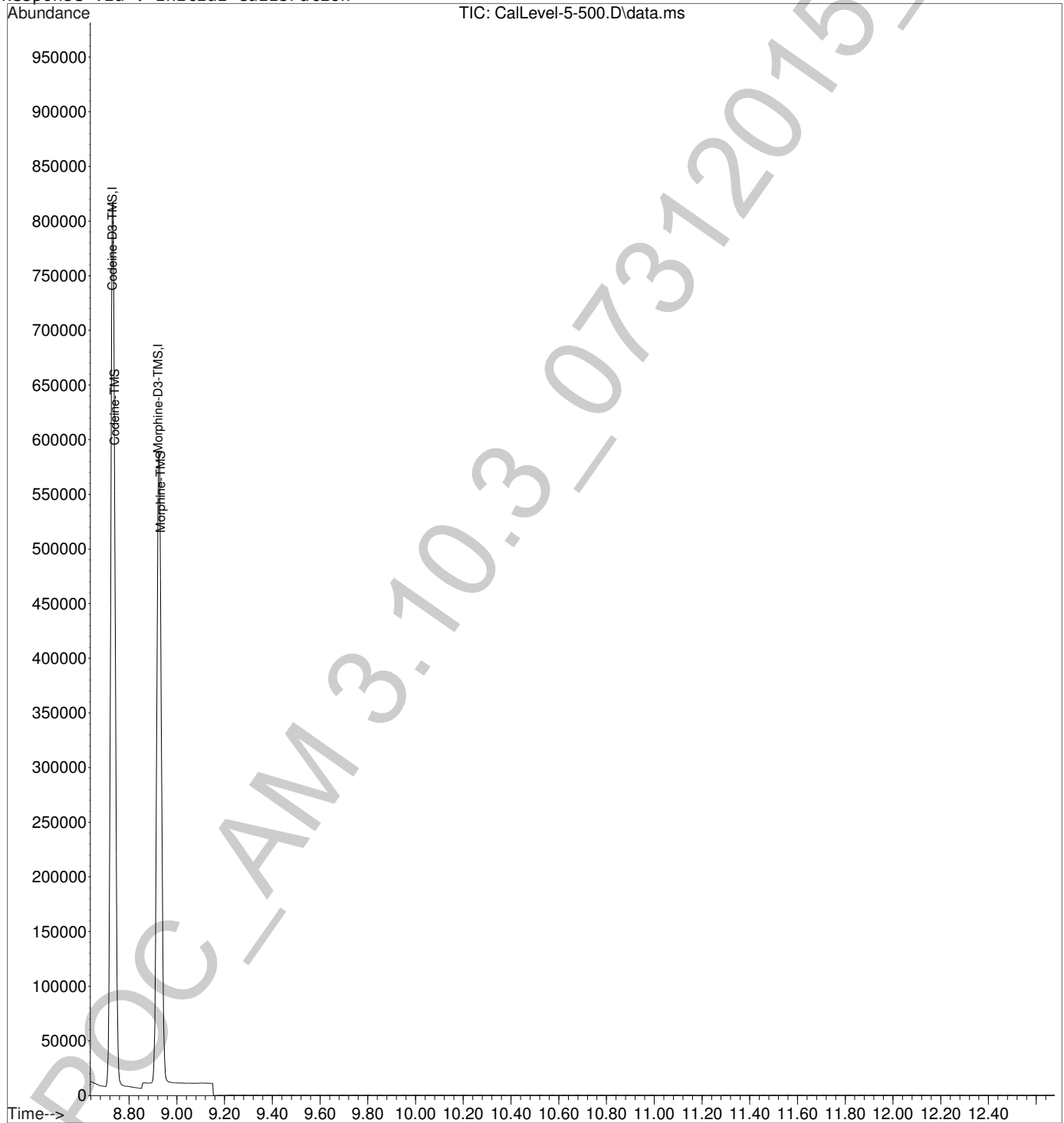
\*Manual integration successful. Morphine-TMS quantity outside 20% range - qualitative use only.

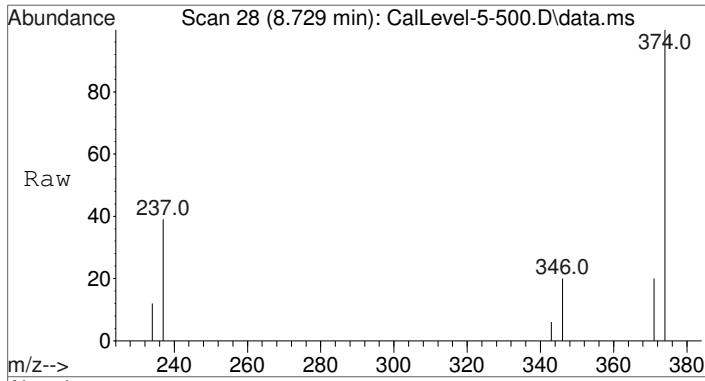
Quantitation Report (QT Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : CalLevel-5-500.D  
Acq On : 31 Jul 2015 16:47  
Operator : D Downey  
Sample : Calibrator Level 5: 500ng/mL  
Misc : Analytical Method 3.10.3  
ALS Vial : 6 Sample Multiplier: 1



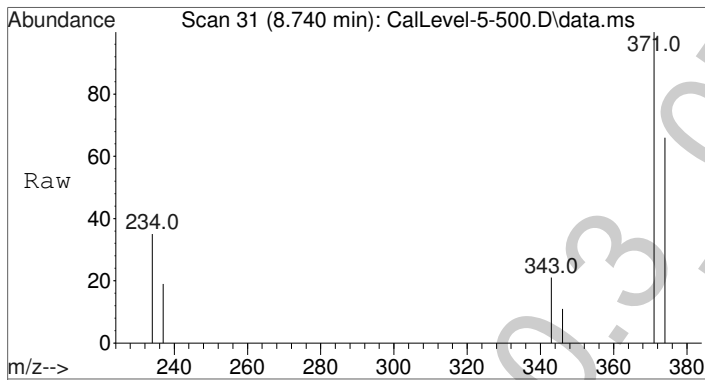
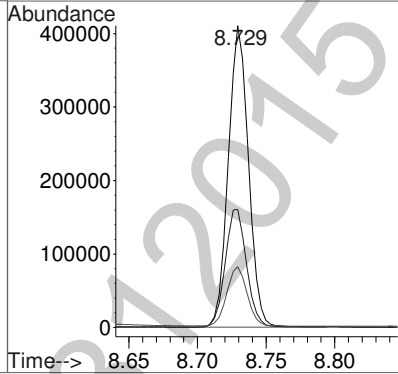
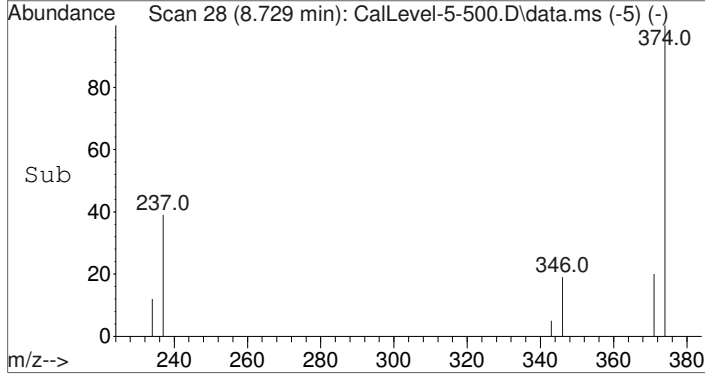
Quant Time: Jul 31 21:21:54 2015  
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





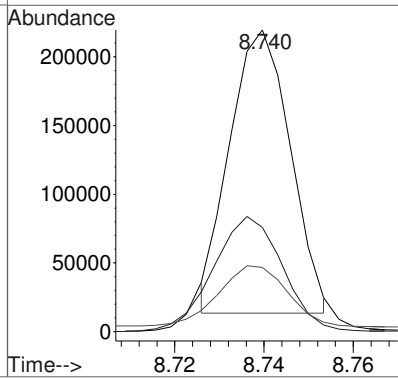
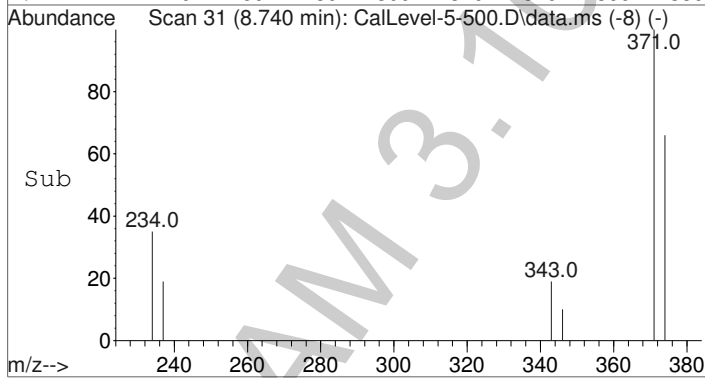
#1  
 Codeine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.729 min Scan# 28  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-5-500.D  
 Acq: 31 Jul 2015 16:47

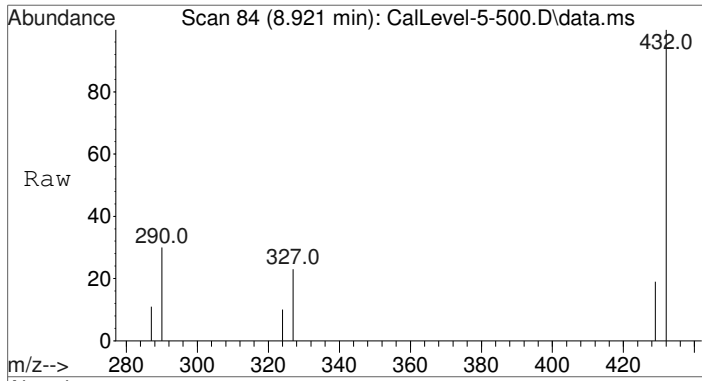
Tgt Ion	Resp	Lower	Upper
374	420607		
374	100		
237	41.1	32.0	48.0
346	19.8	15.8	23.6



#2  
 Codeine-TMS  
 Concen: 429.03 ng/mL m  
 RT: 8.740 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: CalLevel-5-500.D  
 Acq: 31 Jul 2015 16:47

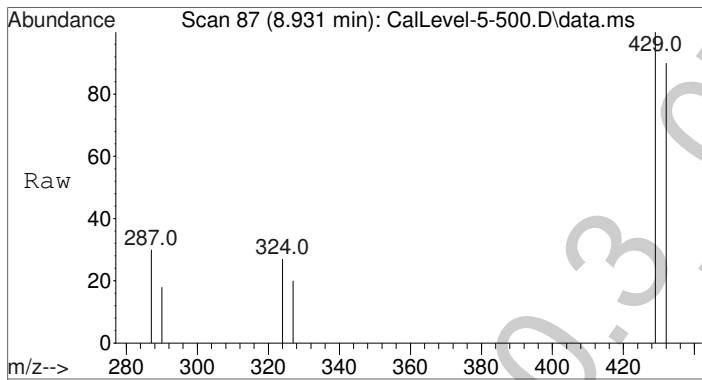
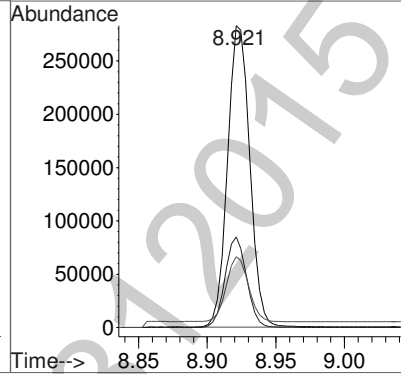
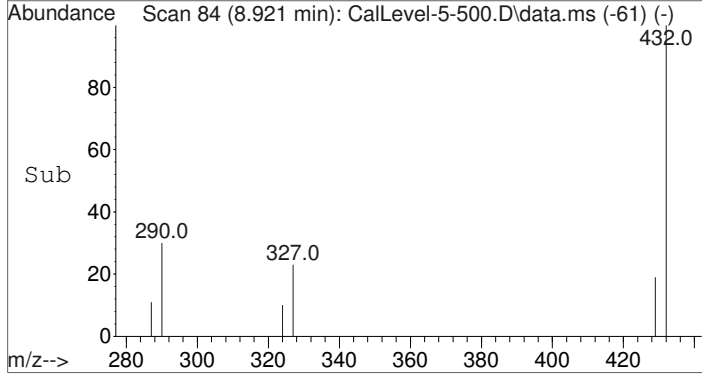
Tgt Ion	Resp	Lower	Upper
371	193708		
371	100		
234	47.0	40.1	60.1
343	25.4	22.2	33.4





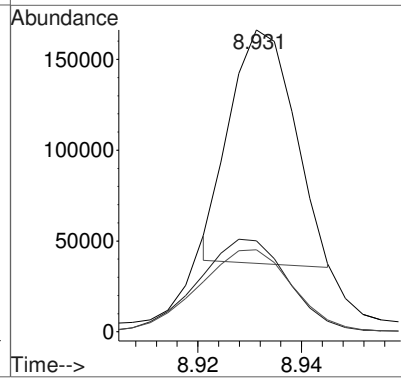
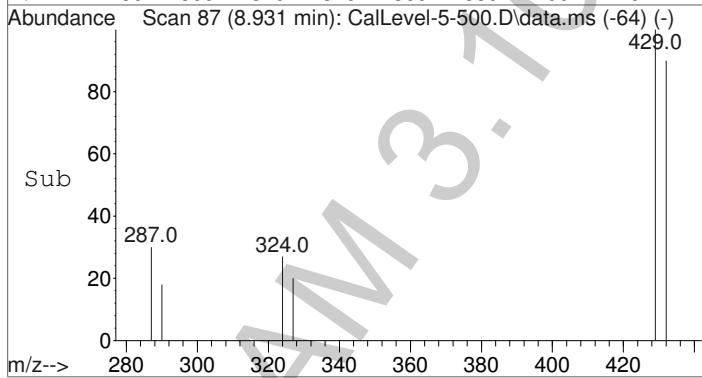
#3  
 Morphine-D3-TMS  
 Concen: 100.00 ng/mL  
 RT: 8.921 min Scan# 84  
 Delta R.T. -0.003 min  
 Lab File: CalLevel-5-500.D  
 Acq: 31 Jul 2015 16:47

Tgt Ion	Resp	Lower	Upper
432	100		
290	29.1	23.2	34.8
327	21.5	16.9	25.3



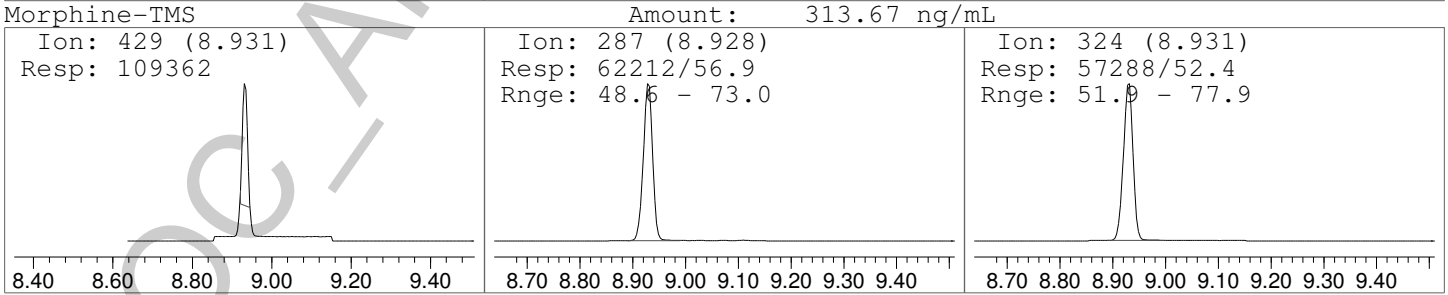
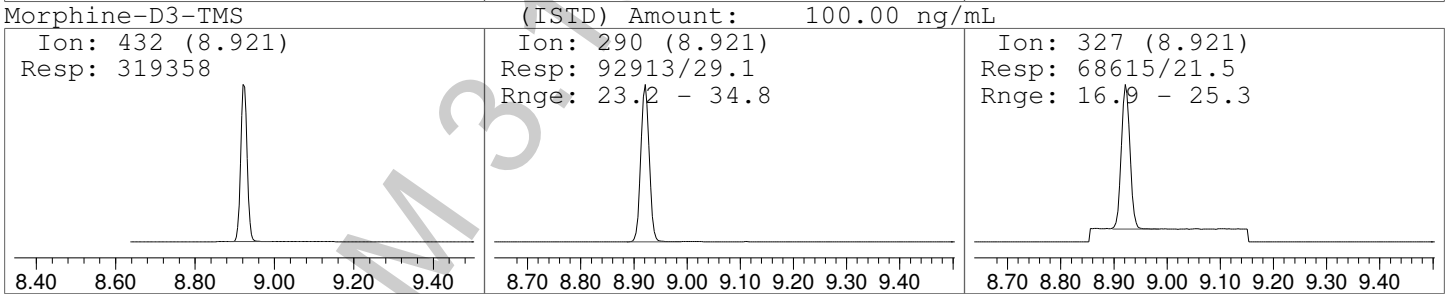
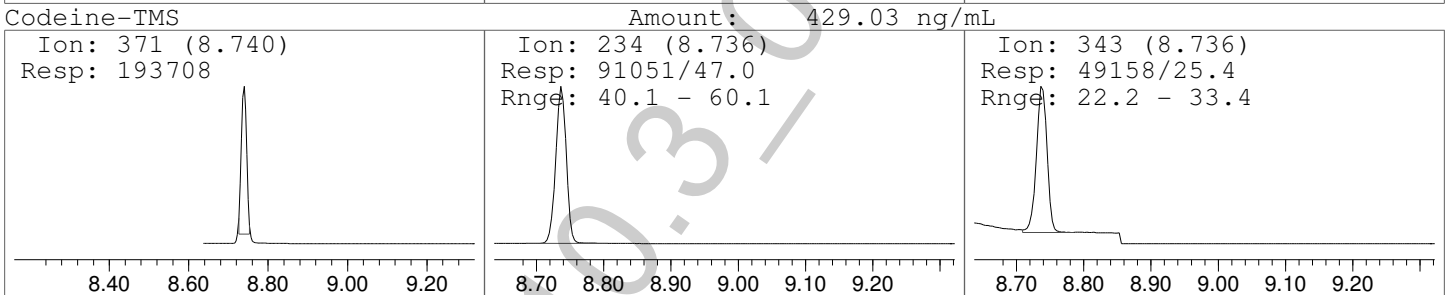
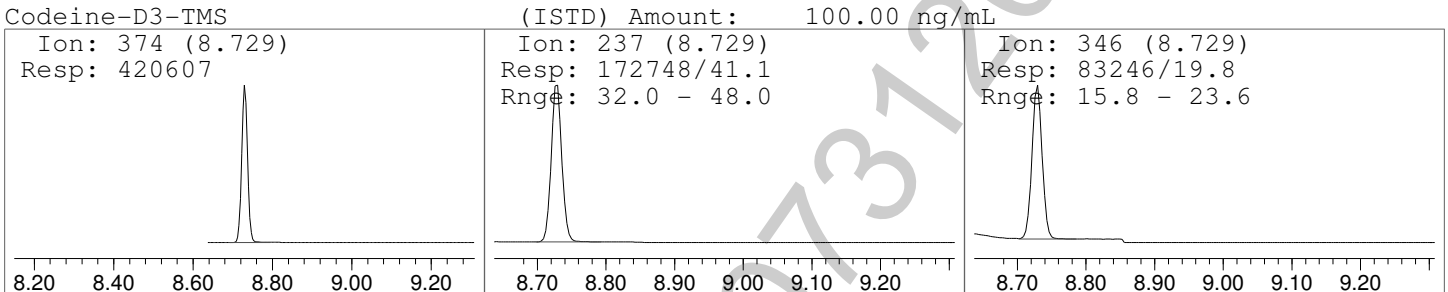
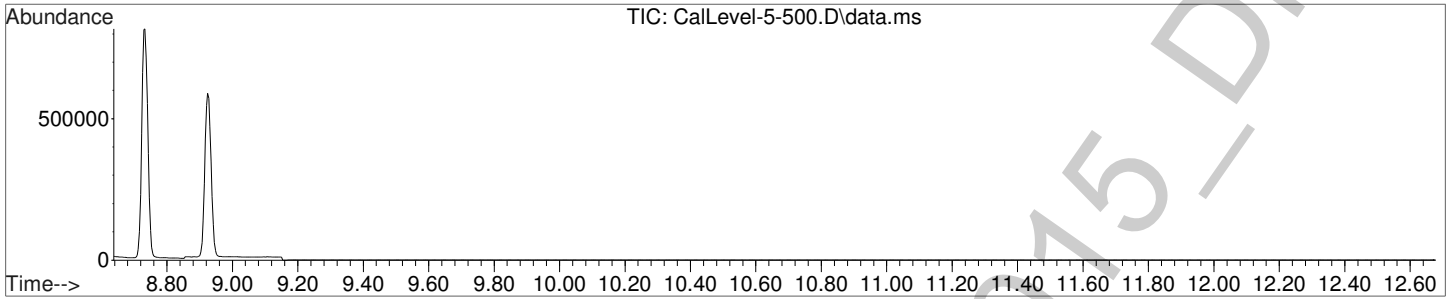
#4  
 Morphine-TMS  
 Concen: 313.67 ng/mL m  
 RT: 8.931 min Scan# 87  
 Delta R.T. 0.000 min  
 Lab File: CalLevel-5-500.D  
 Acq: 31 Jul 2015 16:47

Tgt Ion	Resp	Lower	Upper
429	100		
287	56.9	48.6	73.0
324	52.4	51.9	77.9





Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-5-500.D  
 Acq On : 31 Jul 2015 16:47  
 Operator : D Downey  
 Sample : Calibrator Level 5: 500ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 6 Sample Multiplier: 1



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-6-1000.D  
 Acq On : 31 Jul 2015 17:05  
 Operator : D Downey  
 Sample : Calibrator Level 6: 1000ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 21:23:40 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 Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	262407	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.921	432	196783	100.00	ng/mL * #	0.00
Target Compounds						
2) Codeine-TMS	8.740	371	277250	993.20	ng/mL# *	84
4) Morphine-TMS	8.931	429	211732	994.01	ng/mL# *	58

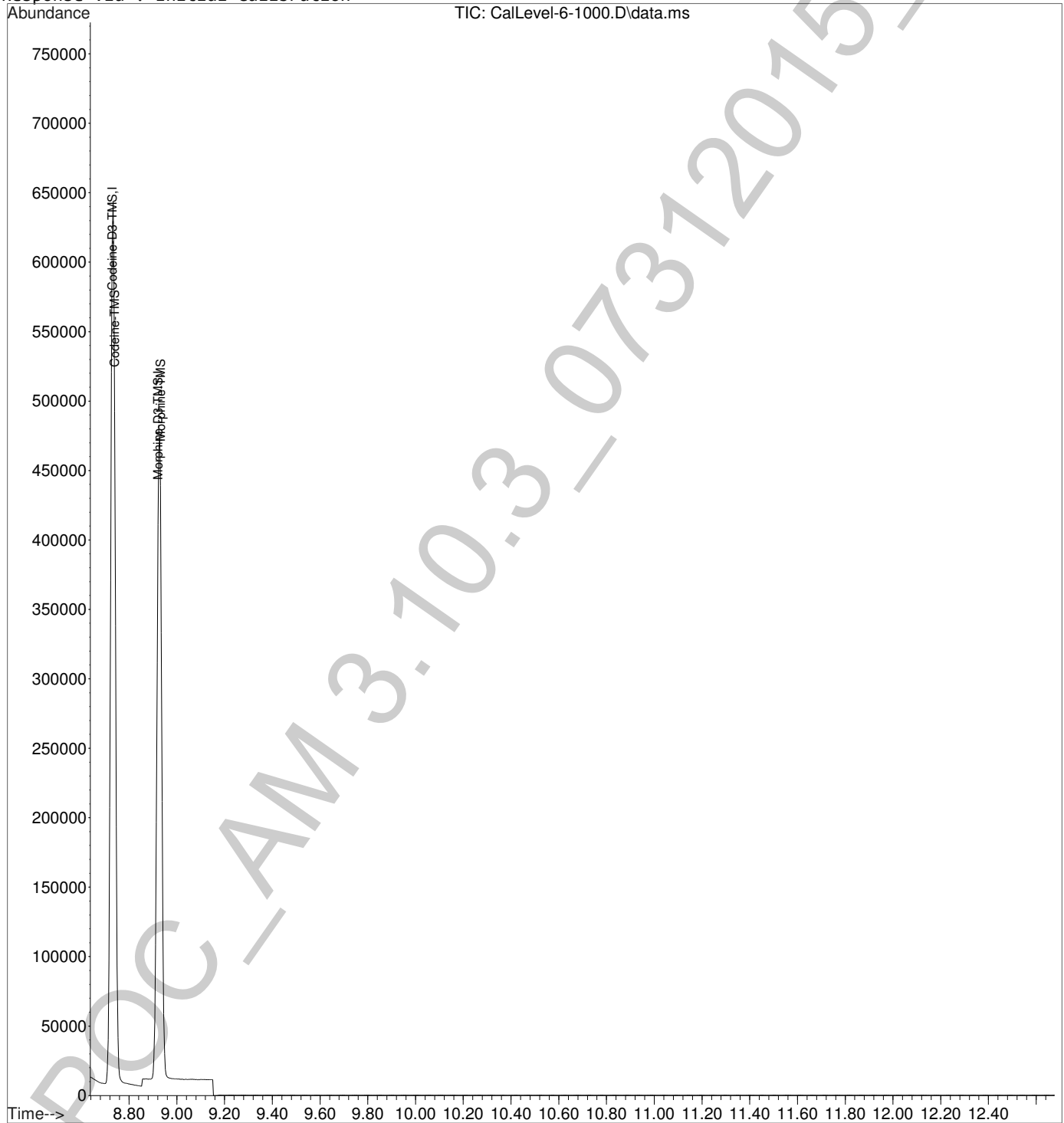
(#) = qualifier out of range (m) = manual integration (+) = signals summed

\*Qualifier ions out of range - manual integration not possible. Any compounds quantitated above 500 ng/mL will be confirmed in full scan mode.

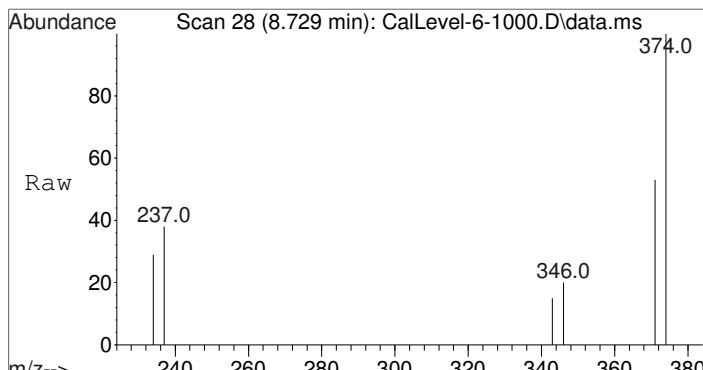
Quantitation Report (Not Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : CalLevel-6-1000.D  
Acq On : 31 Jul 2015 17:05  
Operator : D Downey  
Sample : Calibrator Level 6: 1000ng/mL  
Misc : Analytical Method 3.10.3  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 21:23:40 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 Jul 31 21:11:12 2015  
Response via : Initial Calibration

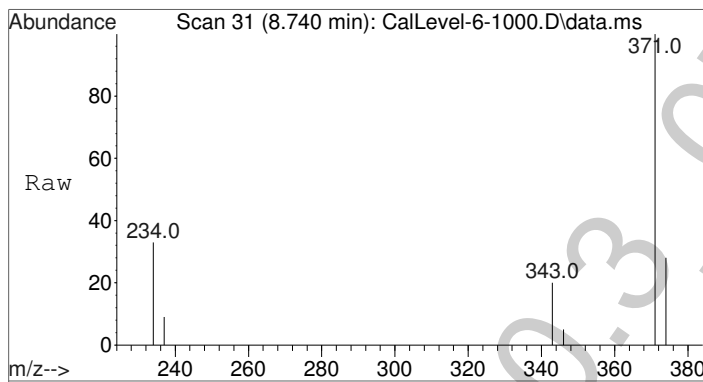
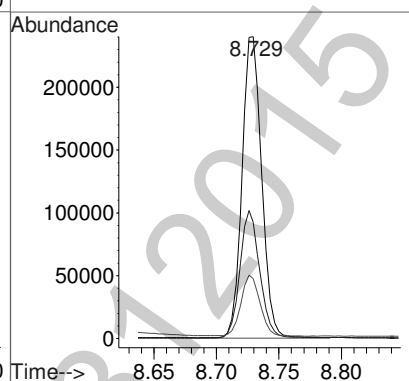
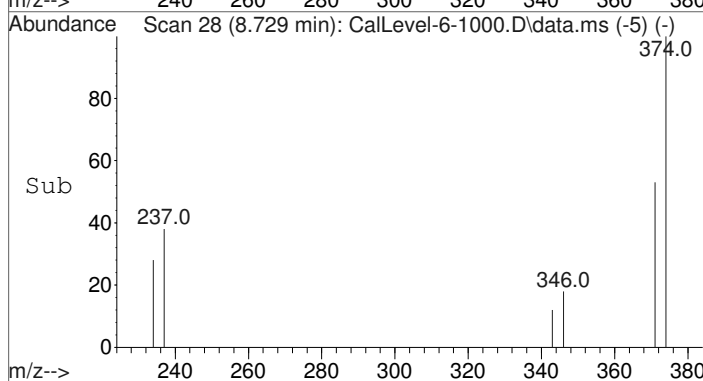






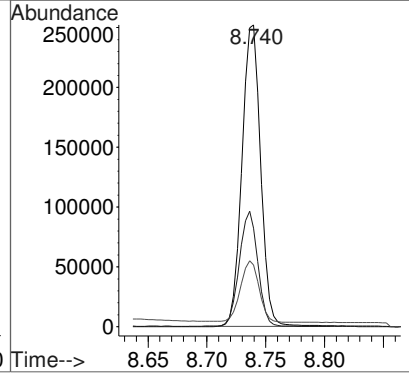
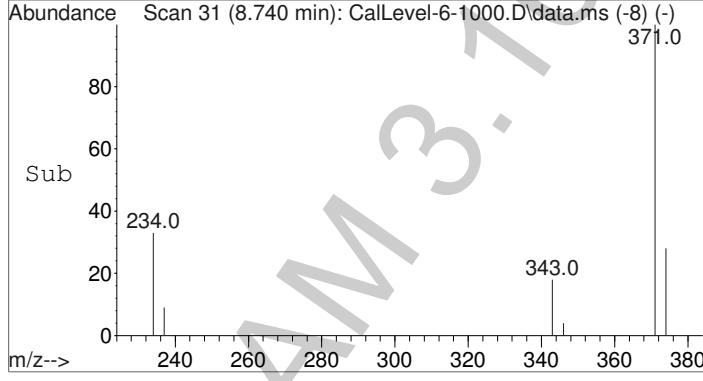
#1  
Codeine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.729 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: CalLevel-6-1000.D  
Acq: 31 Jul 2015 17:05

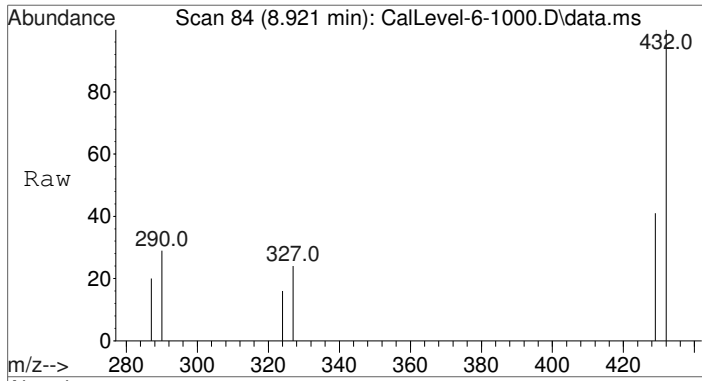
Tgt Ion	Resp	Lower	Upper
374	262407		
374	100		
237	42.1	32.0	48.0
346	19.7	15.8	23.6



#2  
Codeine-TMS  
Concen: 993.20 ng/mL  
RT: 8.740 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: CalLevel-6-1000.D  
Acq: 31 Jul 2015 17:05

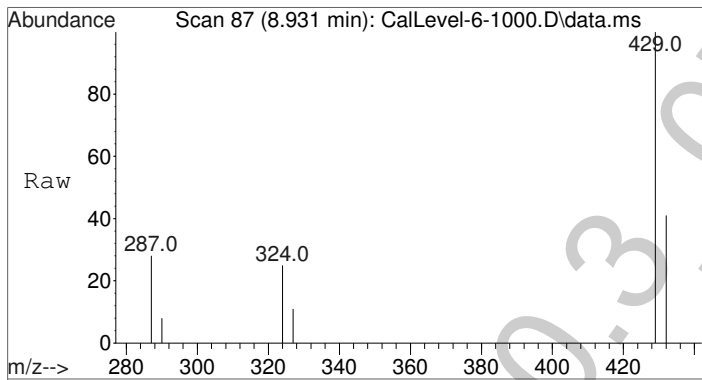
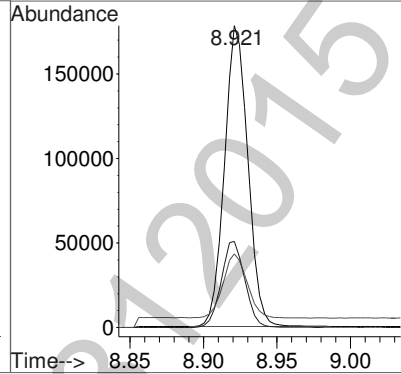
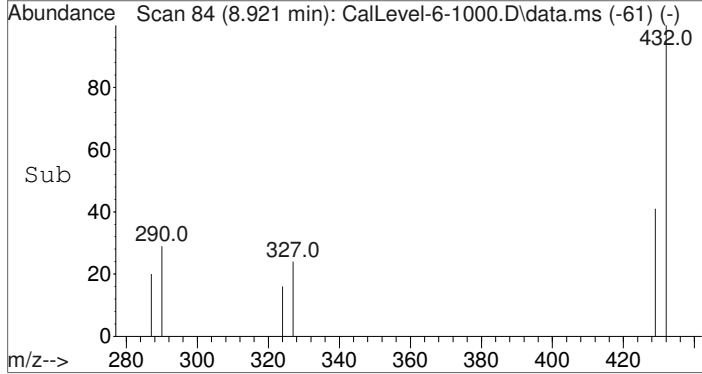
Tgt Ion	Resp	Lower	Upper
371	277250		
371	100		
234	38.2	40.1	60.1#
343	20.5	22.2	33.4#





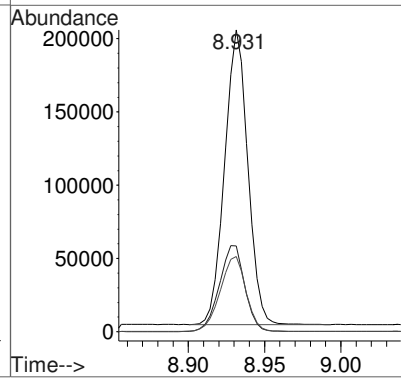
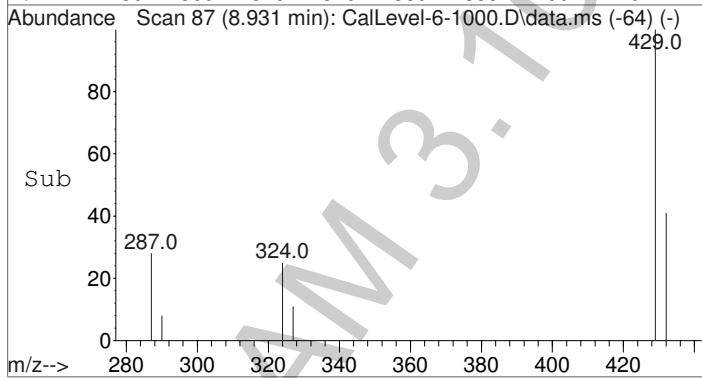
#3  
Morphine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.921 min Scan# 84  
Delta R.T. -0.003 min  
Lab File: CalLevel-6-1000.D  
Acq: 31 Jul 2015 17:05

Tgt Ion	Resp	Lower	Upper
432	196783		
290	28.9	23.2	34.8
327	26.1	16.9	25.3#



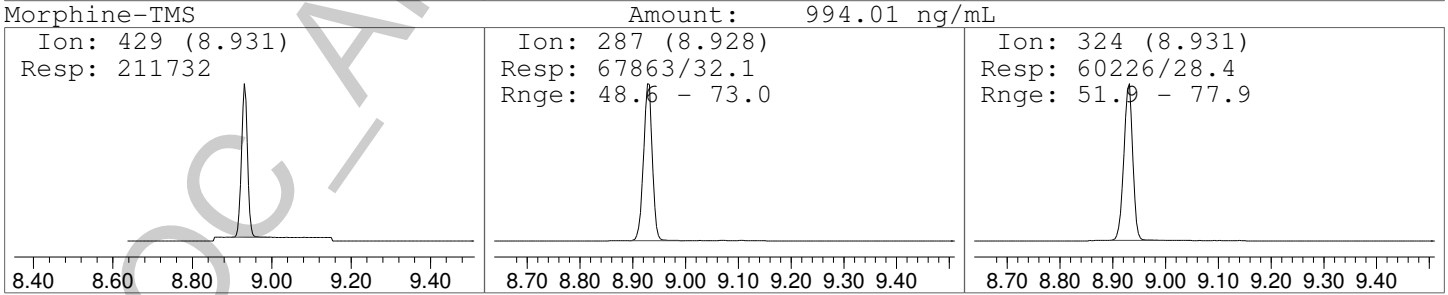
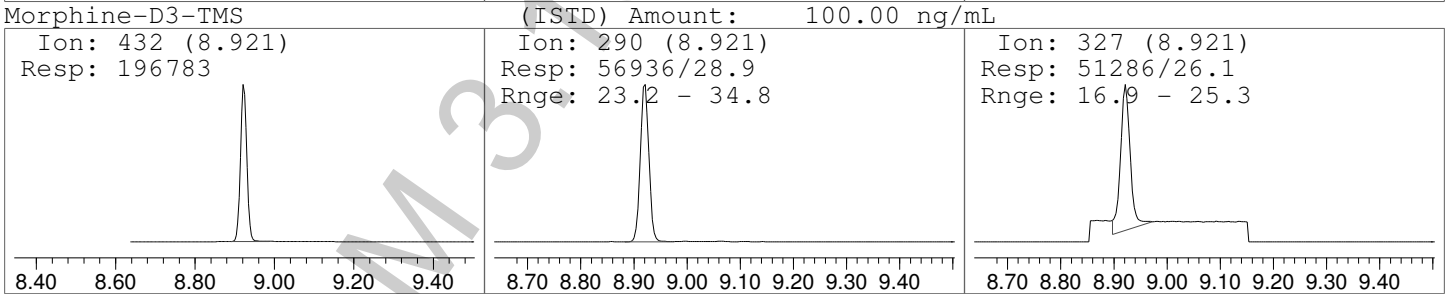
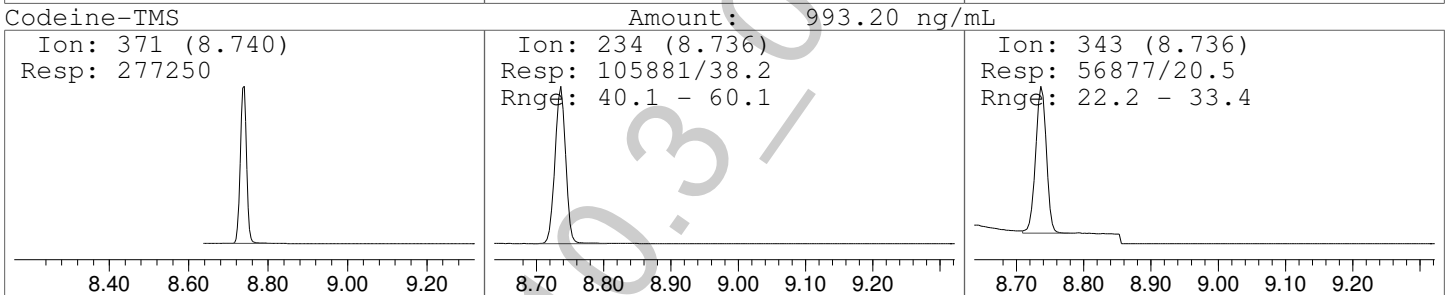
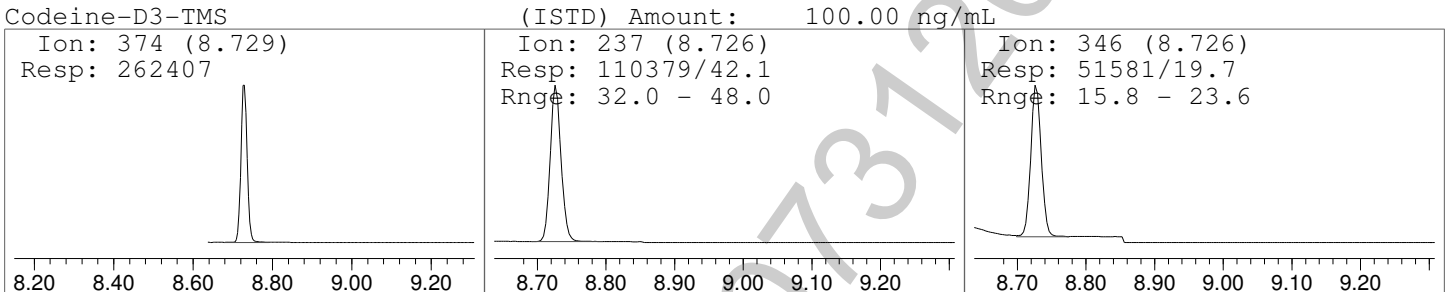
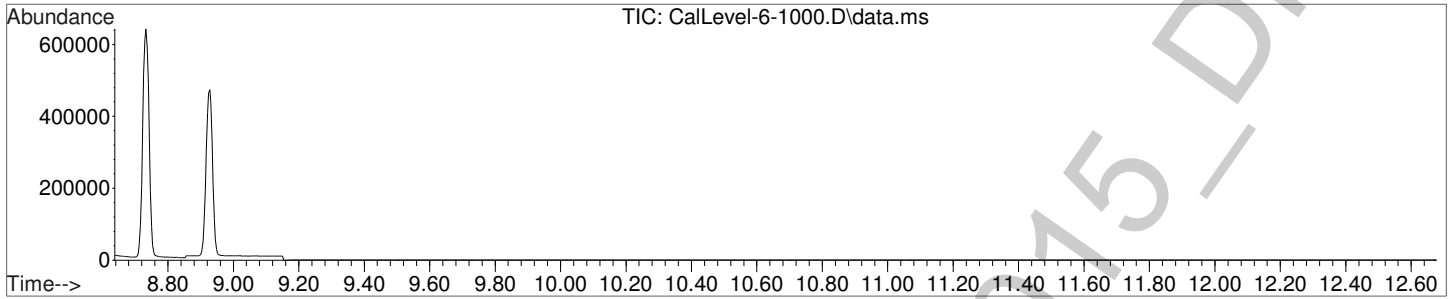
#4  
Morphine-TMS  
Concen: 994.01 ng/mL  
RT: 8.931 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: CalLevel-6-1000.D  
Acq: 31 Jul 2015 17:05

Tgt Ion	Resp	Lower	Upper
429	211732		
287	32.1	48.6	73.0#
324	28.4	51.9	77.9#

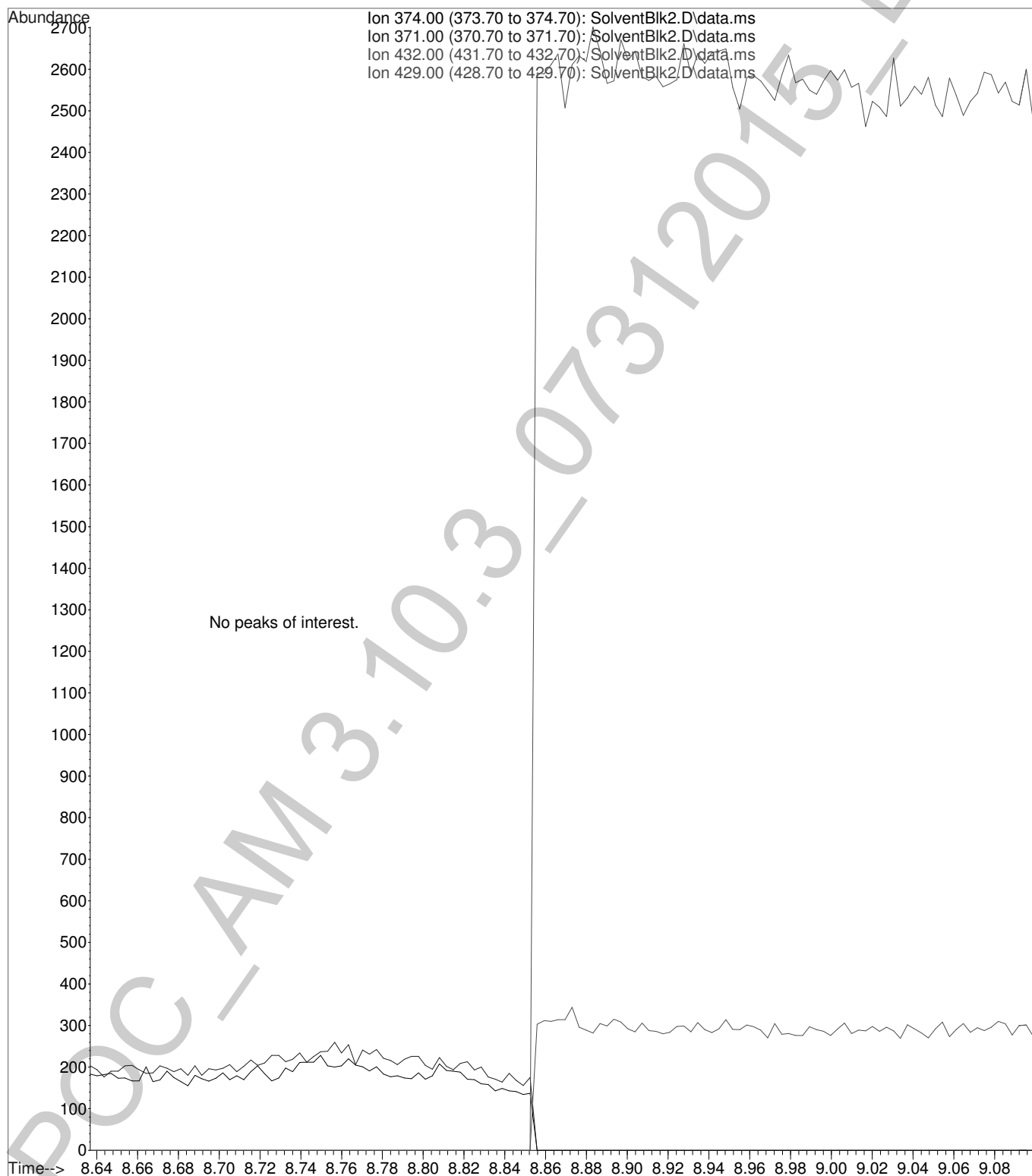




Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : CalLevel-6-1000.D  
 Acq On : 31 Jul 2015 17:05  
 Operator : D Downey  
 Sample : Calibrator Level 6: 1000ng/mL  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 7 Sample Multiplier: 1



File :I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\Solven  
... tBlk2.D  
Operator : D Downey  
Instrument : Probie  
Acquired : 31 Jul 2015 18:57 using AcqMethod AM-3-10-3-3.M  
Sample Name: Solvent Blank  
Misc Info : CHCl3



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : PC-75-1.D  
 Acq On : 31 Jul 2015 19:16  
 Operator : D Downey  
 Sample : 75ng/mL Positive Control  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 8 Sample Multiplier: 1



Quant Time: Jul 31 21:26:22 2015  
 Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
 Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
 QLast Update : Fri Jul 31 21:11:12 2015  
 Response via : Initial Calibration

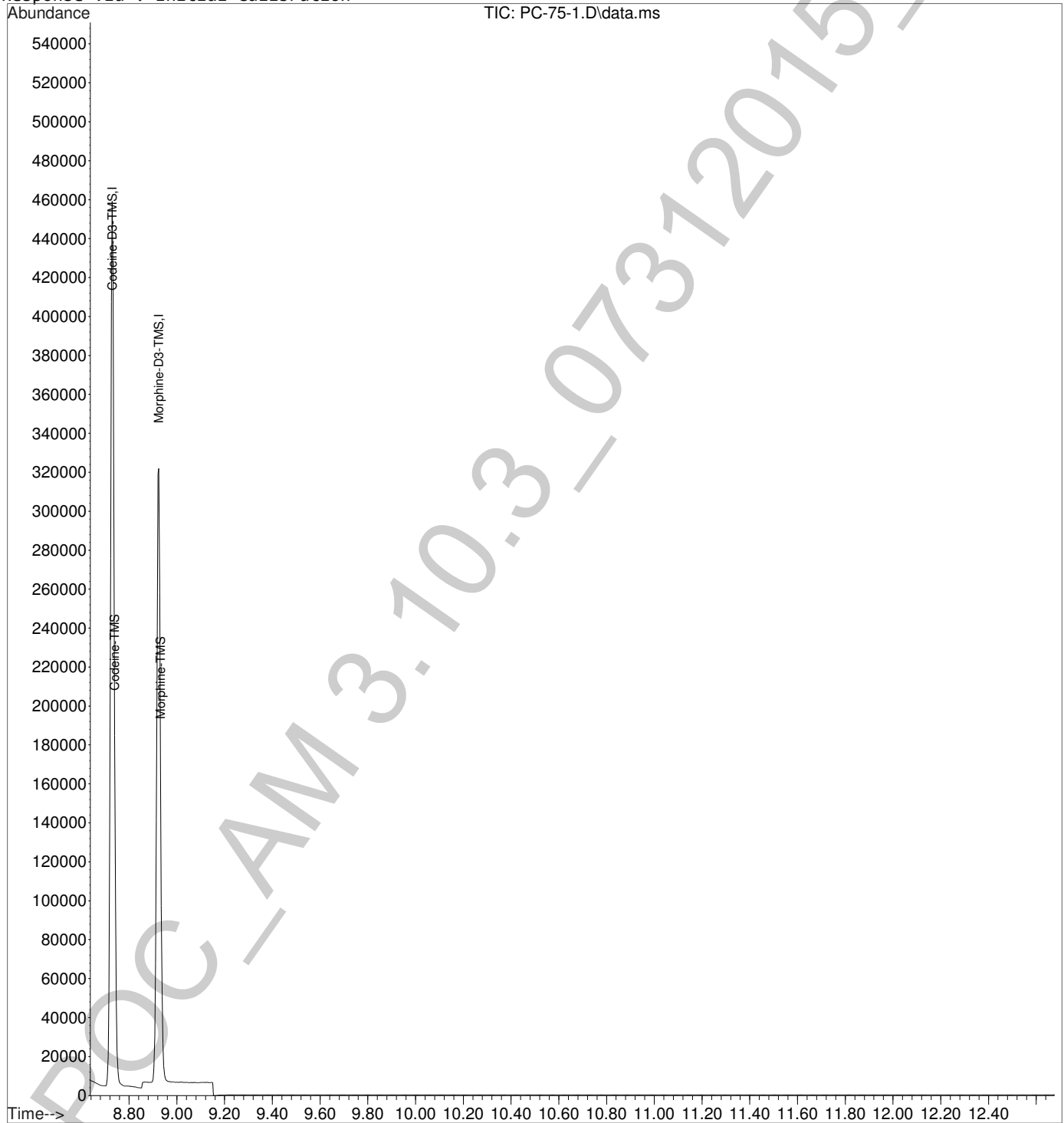
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	279204	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.924	432	201498	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.740	371	26320	82.33	ng/mL	98
4) Morphine-TMS	8.931	429	18536	81.38	ng/mL	92

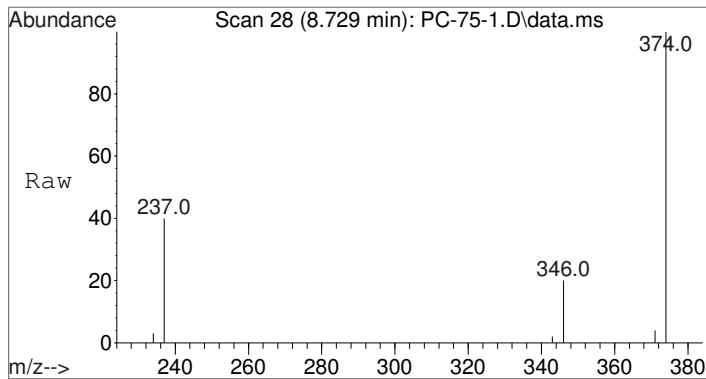
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : PC-75-1.D  
Acq On : 31 Jul 2015 19:16  
Operator : D Downey  
Sample : 75ng/mL Positive Control  
Misc : Analytical Method 3.10.3  
ALS Vial : 8 Sample Multiplier: 1

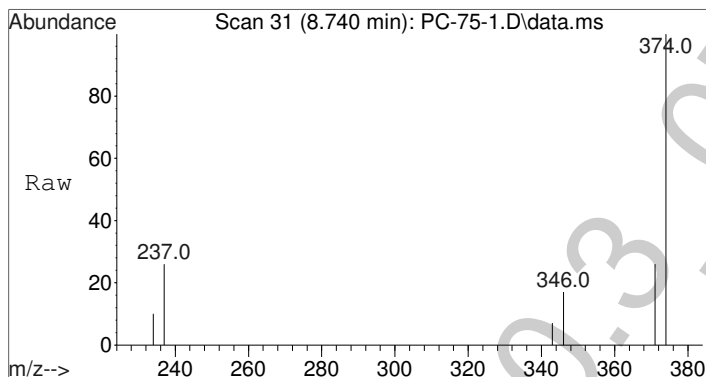
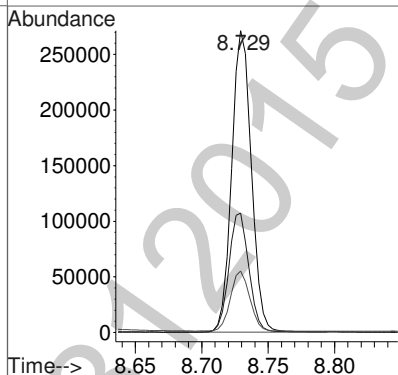
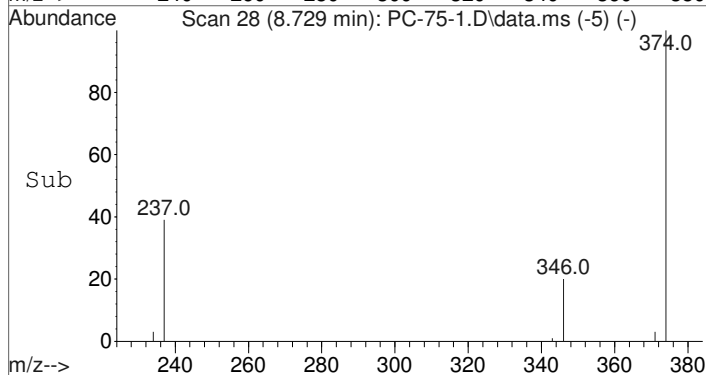
Quant Time: Jul 31 21:26:22 2015  
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





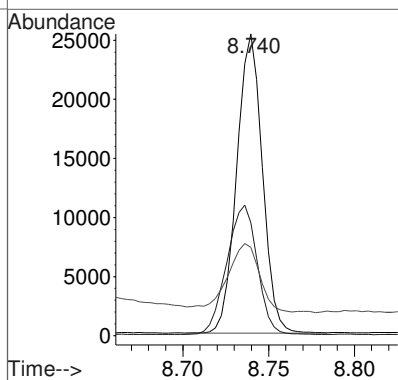
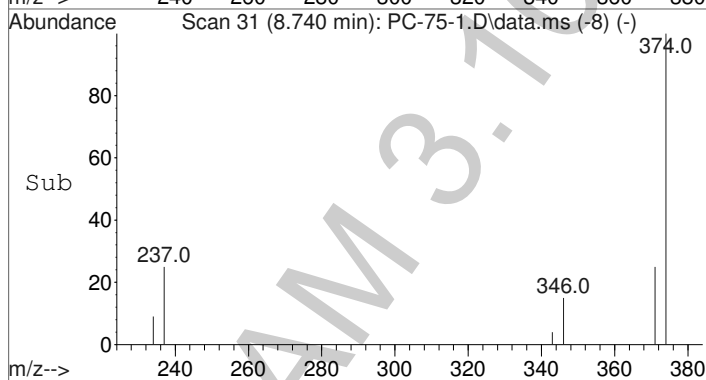
#1  
Codeine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.729 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: PC-75-1.D  
Acq: 31 Jul 2015 19:16

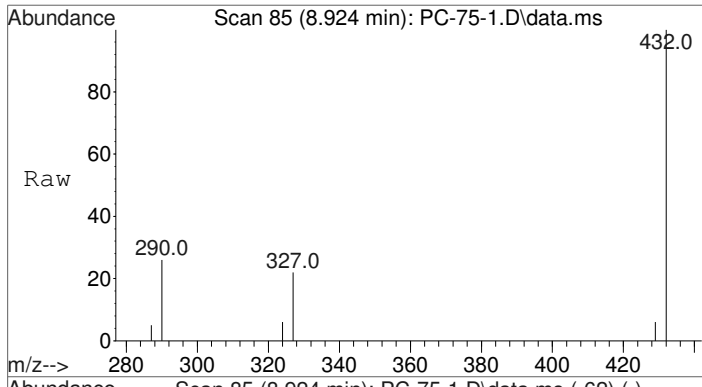
Tgt Ion	Resp	Lower	Upper
374	279204		
374	100		
237	39.9	32.0	48.0
346	19.8	15.8	23.6



#2  
Codeine-TMS  
Concen: 82.33 ng/mL  
RT: 8.740 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: PC-75-1.D  
Acq: 31 Jul 2015 19:16

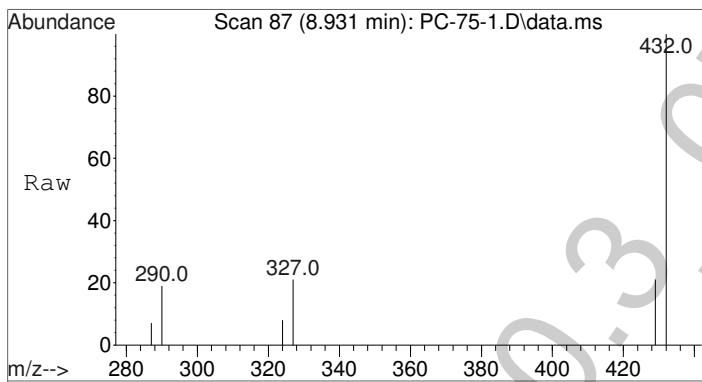
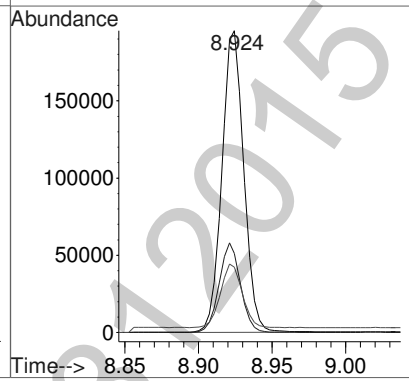
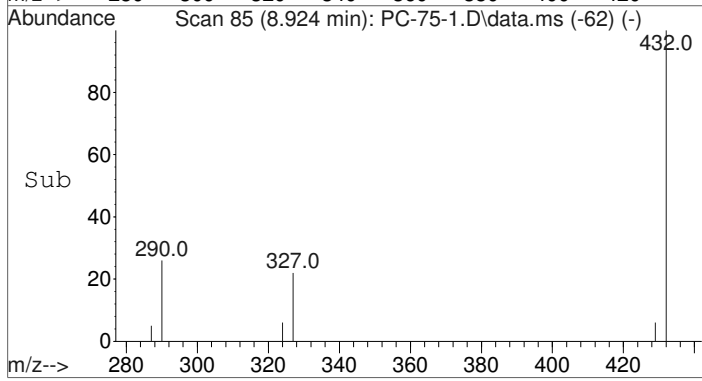
Tgt Ion	Resp	Lower	Upper
371	26320		
371	100		
234	51.4	40.1	60.1
343	28.4	22.2	33.4





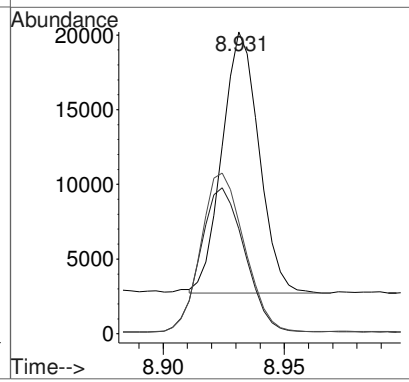
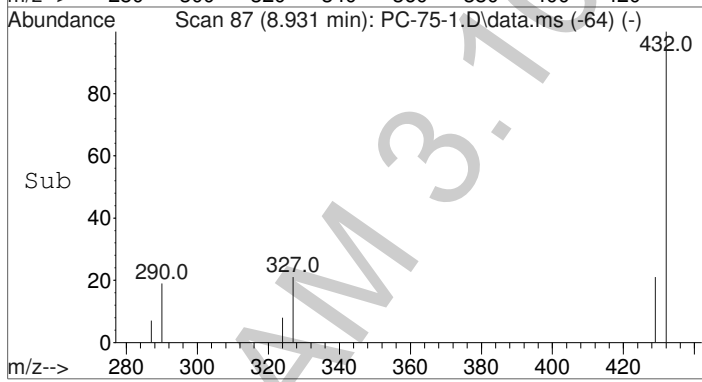
#3  
Morphine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.924 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: PC-75-1.D  
Acq: 31 Jul 2015 19:16

Tgt Ion	Resp	Lower	Upper
432	201498	100	
290	28.9	23.2	34.8
327	23.7	16.9	25.3



#4  
Morphine-TMS  
Concen: 81.38 ng/mL  
RT: 8.931 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: PC-75-1.D  
Acq: 31 Jul 2015 19:16

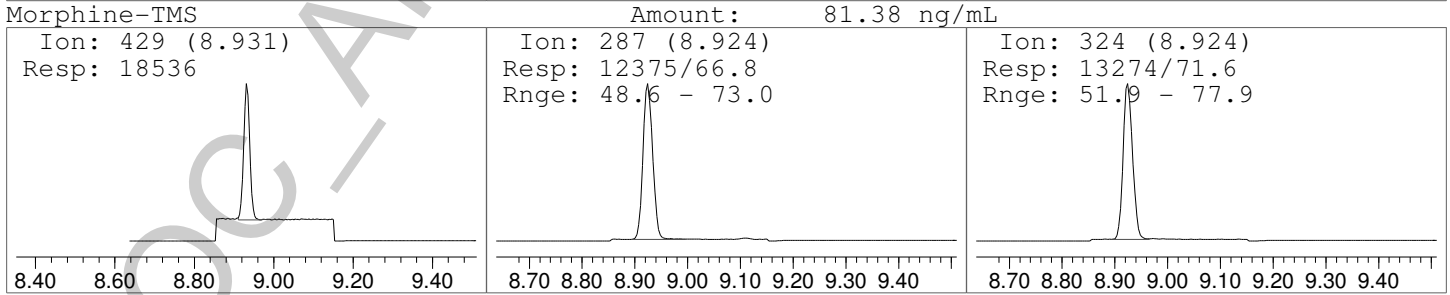
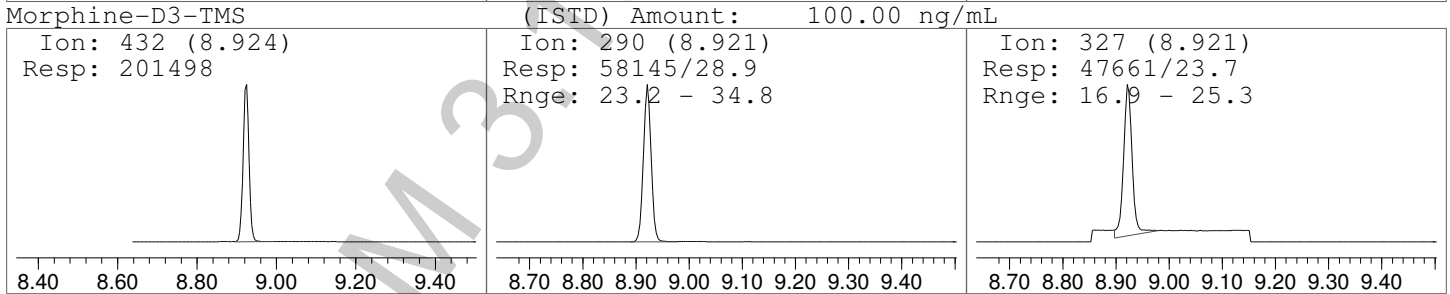
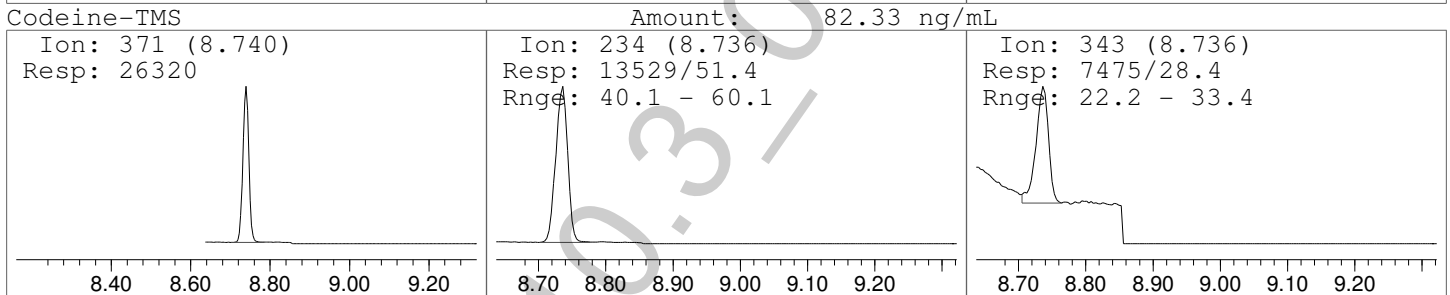
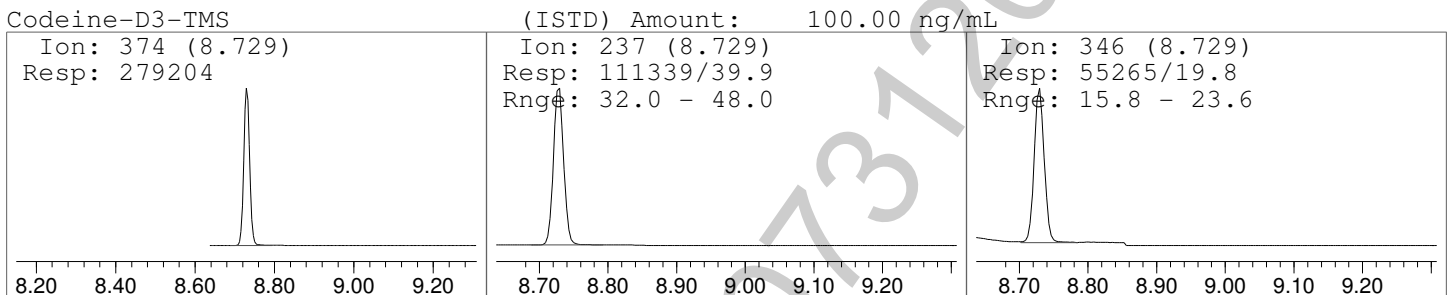
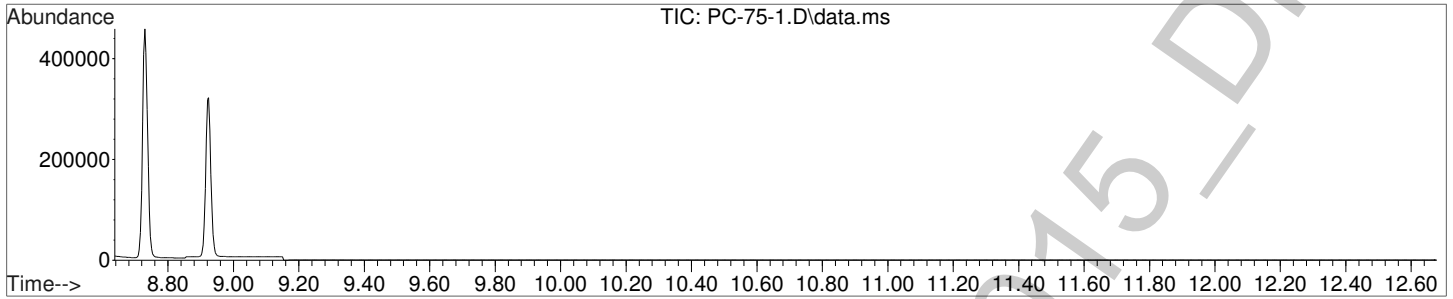
Tgt Ion	Resp	Lower	Upper
429	18536	100	
287	66.8	48.6	73.0
324	71.6	51.9	77.9





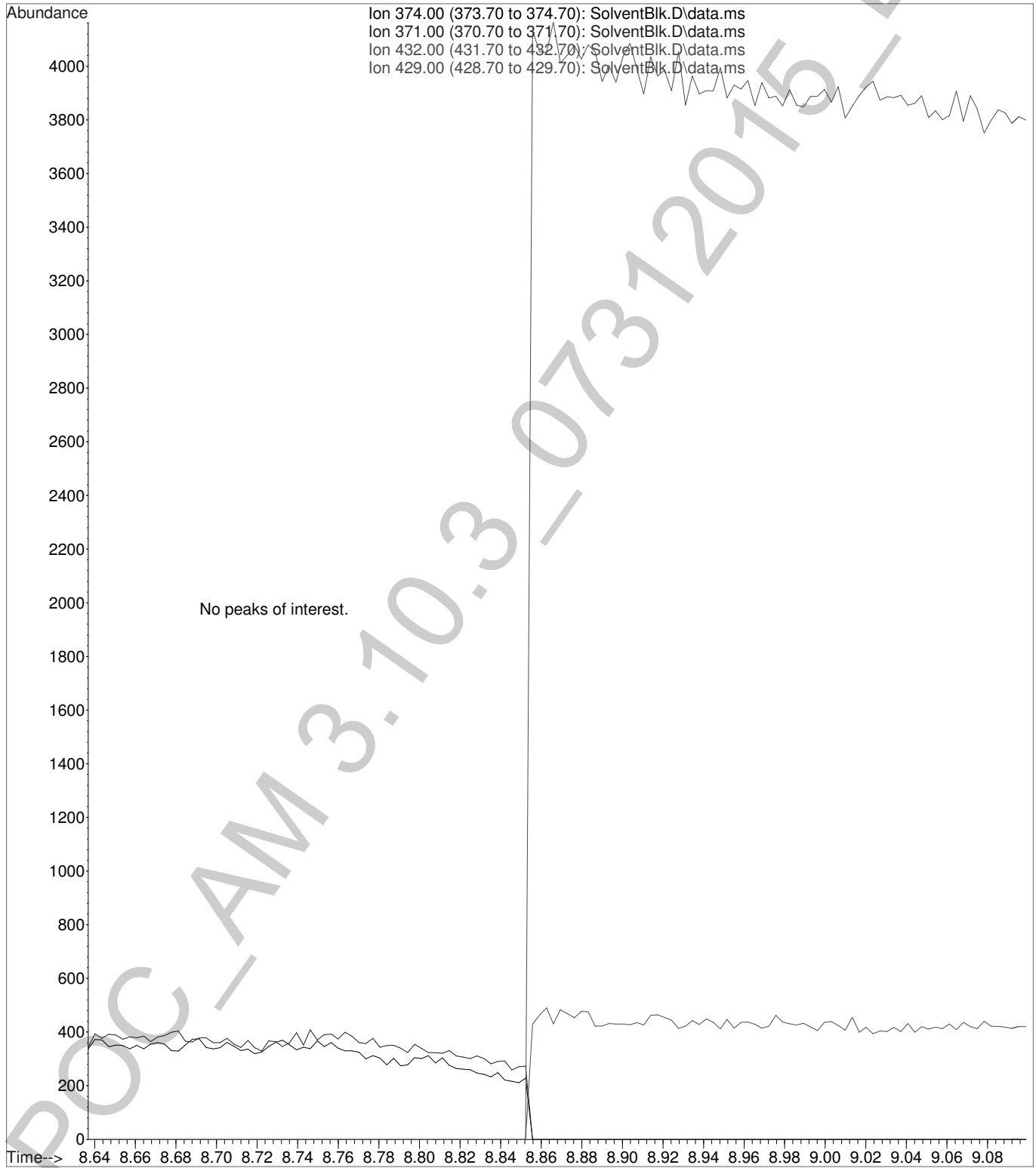


Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : PC-75-1.D  
 Acq On : 31 Jul 2015 19:16  
 Operator : D Downey  
 Sample : 75ng/mL Positive Control  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 8 Sample Multiplier: 1





File :I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\Solven  
... tBlk.D  
Operator : D Downey  
Instrument : Probie  
Acquired : 31 Jul 2015 17:24 using AcqMethod AM-3-10-3-3.M  
Sample Name: Solvent Blank  
Misc Info : CHCl3



Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : PC-750-1.D  
 Acq On : 31 Jul 2015 17:43  
 Operator : D Downey  
 Sample : 750ng/mL Positive Control  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 21:25:50 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 Jul 31 21:11:12 2015  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Codeine-D3-TMS	8.729	374	333261	100.00	ng/mL	0.00
3) Morphine-D3-TMS	8.924	432	250329	100.00	ng/mL	0.00
Target Compounds						
2) Codeine-TMS	8.739	371	309539	872.28	ng/mL#	* 84
4) Morphine-TMS	8.934	429	228125	841.28	ng/mL#	* 59

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

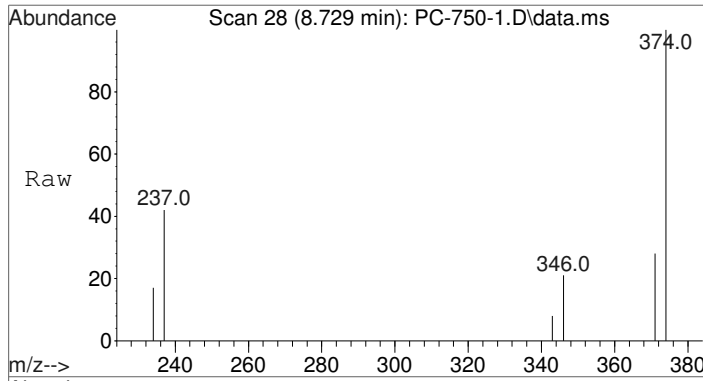
\*Qualifier ions out of range - unable to manually integrate. Refer to full scan data.

Quantitation Report (Not Reviewed)

Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\0731150P\  
Data File : PC-750-1.D  
Acq On : 31 Jul 2015 17:43  
Operator : D Downey  
Sample : 750ng/mL Positive Control  
Misc : Analytical Method 3.10.3  
ALS Vial : 9 Sample Multiplier: 1

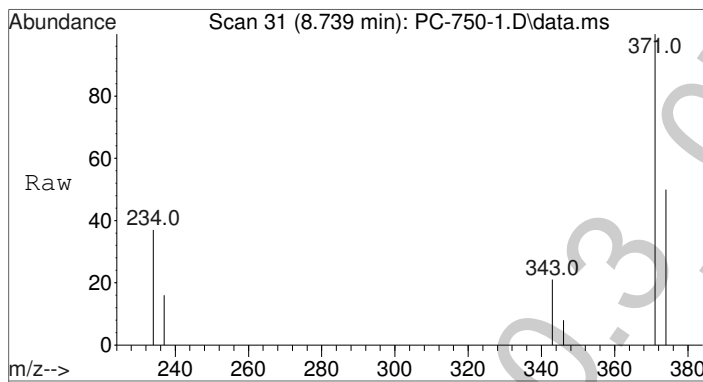
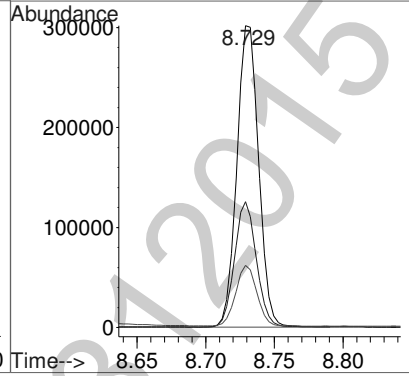
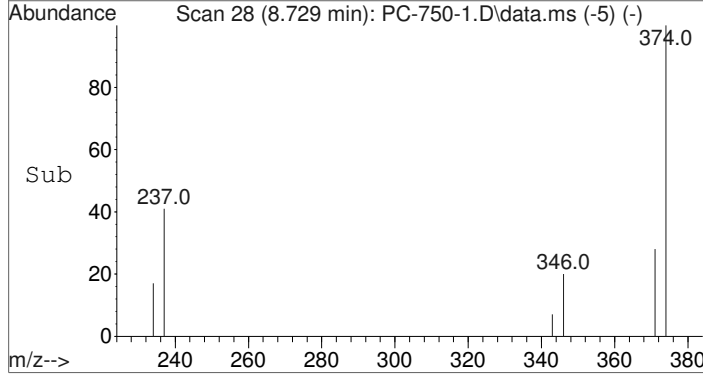
Quant Time: Jul 31 21:25:50 2015  
Quant Method : C:\gcms\1\methods\AM-3-10-3-D3LVL1-6.M  
Quant Title : Analytical Method 3.10.3 - Codeine and Morphine  
QLast Update : Fri Jul 31 21:11:12 2015  
Response via : Initial Calibration





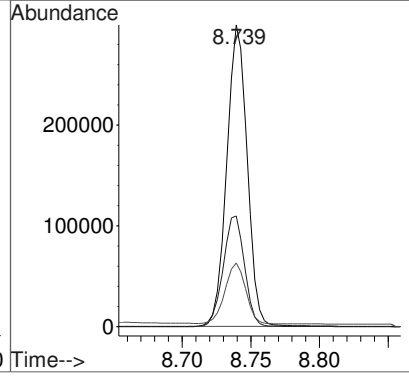
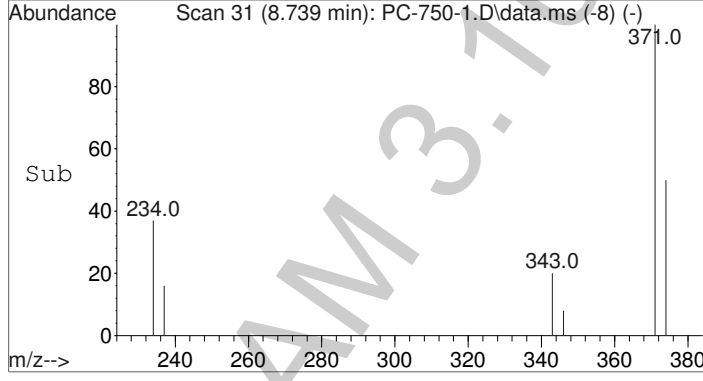
#1  
Codeine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.729 min Scan# 28  
Delta R.T. -0.000 min  
Lab File: PC-750-1.D  
Acq: 31 Jul 2015 17:43

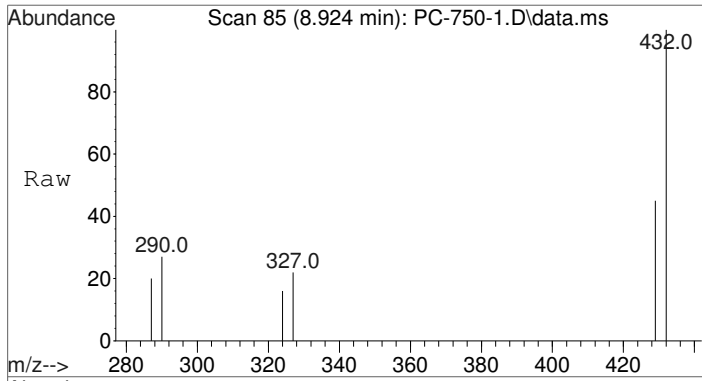
Tgt Ion	Resp	Lower	Upper
374	333261		
374	100		
237	41.7	32.0	48.0
346	19.5	15.8	23.6



#2  
Codeine-TMS  
Concen: 872.28 ng/mL  
RT: 8.739 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: PC-750-1.D  
Acq: 31 Jul 2015 17:43

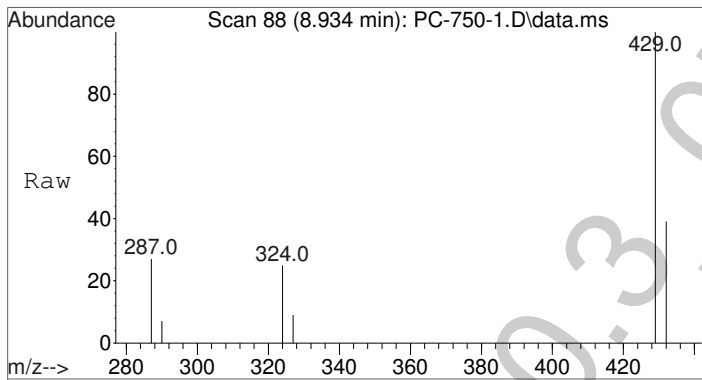
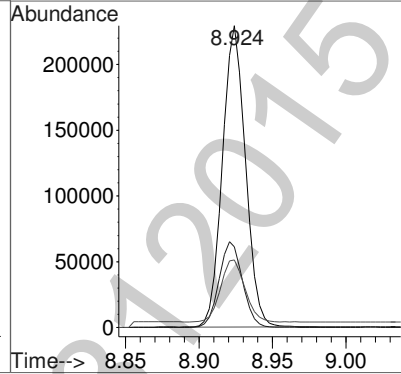
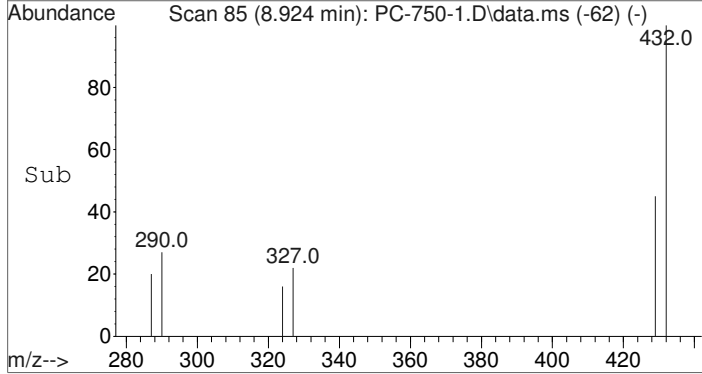
Tgt Ion	Resp	Lower	Upper
371	309539		
371	100		
234	38.6	40.1	60.1#
343	20.5	22.2	33.4#





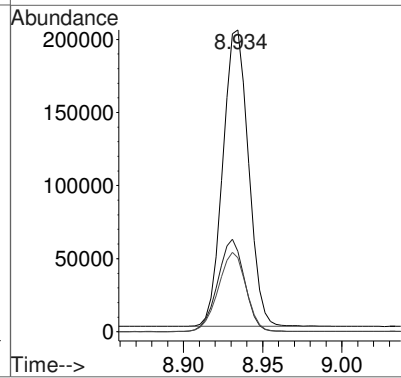
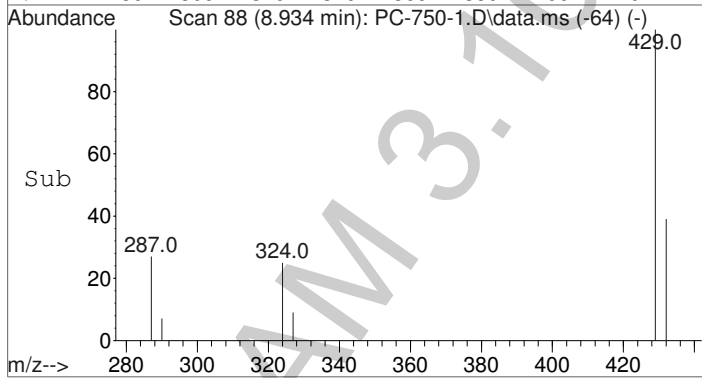
#3  
Morphine-D3-TMS  
Concen: 100.00 ng/mL  
RT: 8.924 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: PC-750-1.D  
Acq: 31 Jul 2015 17:43

Tgt Ion	Resp	Lower	Upper
432	100		
290	28.8	23.2	34.8
327	21.4	16.9	25.3



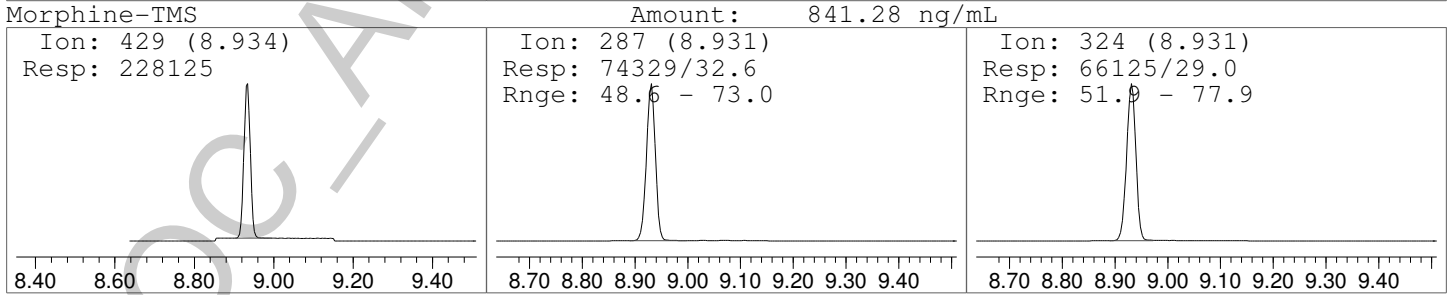
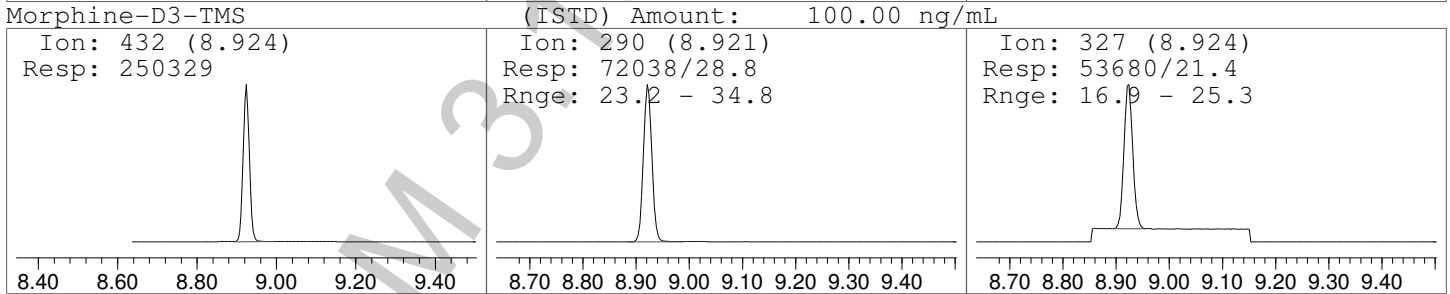
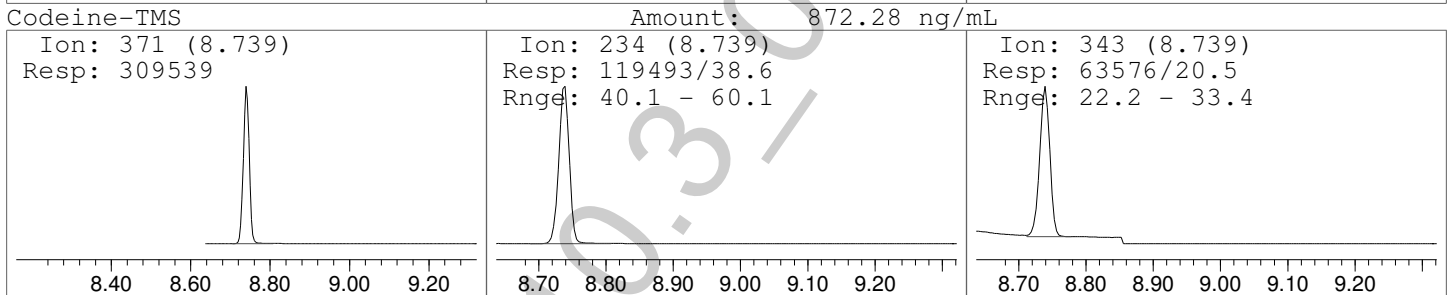
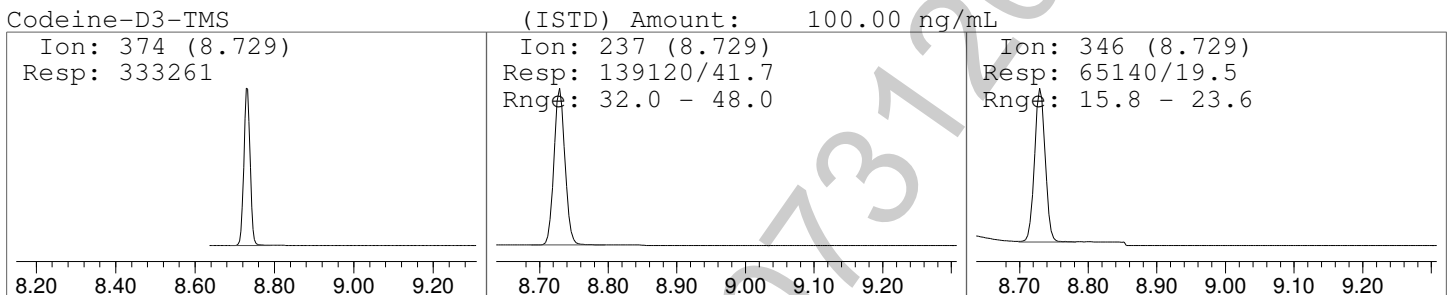
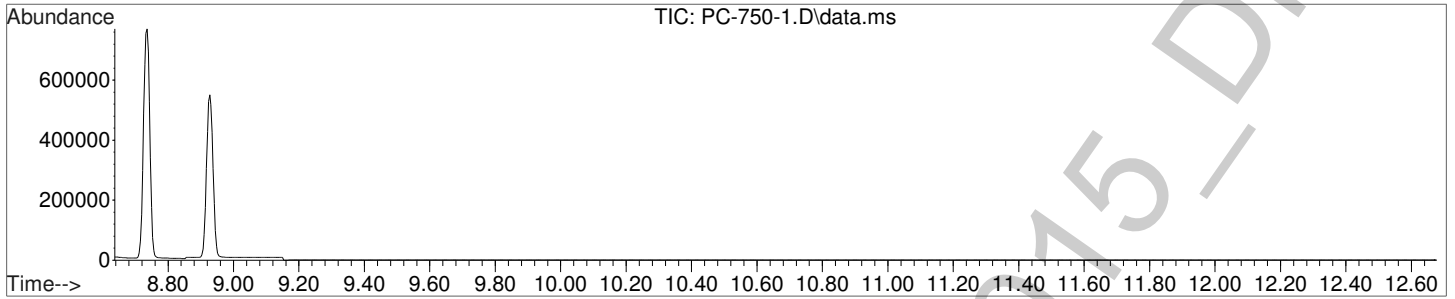
#4  
Morphine-TMS  
Concen: 841.28 ng/mL  
RT: 8.934 min Scan# 88  
Delta R.T. 0.003 min  
Lab File: PC-750-1.D  
Acq: 31 Jul 2015 17:43

Tgt Ion	Resp	Lower	Upper
429	100		
287	32.6	48.6	73.0#
324	29.0	51.9	77.9#





Data Path : I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\  
 Data File : PC-750-1.D  
 Acq On : 31 Jul 2015 17:43  
 Operator : D Downey  
 Sample : 750ng/mL Positive Control  
 Misc : Analytical Method 3.10.3  
 ALS Vial : 9 Sample Multiplier: 1



File :I:\Instrument Data\Pocatello\Probie\DND\2015\073115OP\Solven  
... tBlk3.D  
Operator : D Downey  
Instrument : Probie  
Acquired : 31 Jul 2015 20:31 using AcqMethod AM-3-10-3-3.M  
Sample Name: Solvent Blank  
Misc Info : CHCl3

