Reviewed on 5/6/15

4/21/2015

Worklist: 675

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
C2015-0489	1	32502	3.10.1 Blood confirmation Carb
M2015-1013	2	32501	3.10.1 Blood confirmation Carb
M2015-1037	1	32508	3.10.1 Blood confirmation Carb
M2015-1086	1	32507	3.10.1 Blood confirmation Carb
P2015-0956	1	32511	3.10.1 Blood confirmation Carb
P2015-0962	1	32513	3.10.1 Blood confirmation Carb
P2015-0963	1	32514	3.10.1 Blood confirmation Carb
P2015-0964	1	32515	3.10.1 Blood confirmation Carb

qe 04/22/15

Simulate Run Sequence Wed Apr 22 14:44:00 2015

Instrument Name: Probie
Sequence File: C:\msdchem\1\sequence\DD-CANN.s
Comment: Confirmations
Operator: Pocatello Laboratory
Data Path: C:\MSDCHEM\1\DATA\DND\2015\042215MJ\
Method Path: C:\MSDCHEM\1\METHODS\

Line	Type	Vial	DataFile	Method	Sample Name
1)	Sample	100	Blank		
	Datafile		Blank1		
	Method			CANN-11-10-2010	
2)	Sample	9	High Control 60ng/mL		
	Datafile		High Control-1-fs		
	Method			CANNFS-11-10-2010	
3)	Sample	9	High Control 60ng/mL		
	Datafile		High Control-1ck		
	Method			CANN-11-10-2010	
4)	Sample	99	Blank		
	Datafile		Blank2		
	Method			CANN-11-10-2010	
5)	Sample	1	Negative Control: UTAK Lot B0689		
	Datafile		Negative Control		
	Method			CANN-11-10-2010	
6)	Sample	2	Calibrator Level 1: 2.5 ng/mL		
	Datafile		Calibrator Level 1		
	Method			CANN-11-10-2010	
7)	Sample	3	Calibrator Level 2: 5 ng/mL		
	Datafile		Calibrator Level 2		
	Method			CANN-11-10-2010	
8)	Sample	4	Calibrator Level 3: 10 ng/mL		
	Datafile		Calibrator Level 3		
	Method			CANN-11-10-2010	
9)	Sample	5	Calibrator Level 4: 25 ng/mL		
	Datafile		Calibrator Level 4		
	Method			CANN-11-10-2010	
10)	Sample	6	Calibrator Level 5: 50 ng/mL		
	Datafile		Calibrator Level 5		
	Method			CANN-11-10-2010	
11)	Sample	7	Calibrator Level 6: 100 ng/mL		
	Datafile		Calibrator Level 6		
	Method			CANN-11-10-2010	
12)	Sample	97	Blank		
	Datafile		Blank3		
	Method			CANN-11-10-2010	
13)	Sample	96	Lab No.: C2015-0489-1		
	Datafile		C2015-0489-1 Blank		
	Method			CANN-11-10-2010	
14)	Sample	10	Lab No.: C2015-0489-1		
	Datafile		C2015-0489-1		
	Method			CANN-11-10-2010	
15)	Sample	95	Lab No.: M2015-1013-2		
	Datafile		M2015-1013-2 Blank		
	Method			CANN-11-10-2010	
16)	Sample	11	Lab No.: M2015-1013-2		

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```
     Datafile          M2015-1013-2
     Method            CANN-11-10-2010
17) Sample        98   Blank
     Datafile          Blank4
     Method            CANN-11-10-2010
18) Sample         8   Low Control: 6 ng/mL
     Datafile          Low Control-1
     Method            CANN-11-10-2010
19) Sample        94   Lab No.: M2015-1037-1
     Datafile          M2015-1037-1 Blank
     Method            CANN-11-10-2010
20) Sample        12   Lab No.: M2015-1037-1
     Datafile          M2015-1037-1
     Method            CANN-11-10-2010
21) Sample        93   Lab No.: M2015-1086-1
     Datafile          M2015-1086-1 Blank
     Method            CANN-11-10-2010
22) Sample        13   Lab No.: M2015-1086-1
     Datafile          M2015-1086-1
     Method            CANN-11-10-2010
23) Sample        92   Lab No.: P2015-0956-1
     Datafile          P2015-0956-1 Blank
     Method            CANN-11-10-2010
24) Sample        14   Lab No.: P2015-0956-1
     Datafile          P2015-0956-1
     Method            CANN-11-10-2010
25) Sample        98   Blank
     Datafile          Blank5
     Method            CANN-11-10-2010
26) Sample         9   High Control: 60 ng/mL
     Datafile          High Control-1
     Method            CANN-11-10-2010
27) Sample        91   Lab No.: P2015-0962-1
     Datafile          P2015-0962-1 Blank
     Method            CANN-11-10-2010
28) Sample        15   Lab No.: P2015-0962-1
     Datafile          P2015-0962-1
     Method            CANN-11-10-2010
29) Sample        90   Lab No.: P2015-0963-1
     Datafile          P2015-0963-1 Blank
     Method            CANN-11-10-2010
30) Sample        16   Lab No.: P2015-0963-1
     Datafile          P2015-0963-1
     Method            CANN-11-10-2010
31) Sample        89   Lab No.: P2015-0964-1
     Datafile          P2015-0964-1 Blank
     Method            CANN-11-10-2010
32) Sample        17   Lab No.: P2015-0964-1
     Datafile          P2015-0964-1
     Method            CANN-11-10-2010
33) Sample        88   Blank
     Datafile          Blank6
     Method            CANN-11-10-2010
Bytes Needed: 2263979  Space on drive C: 4.36e+011
Sequence Verification Done!
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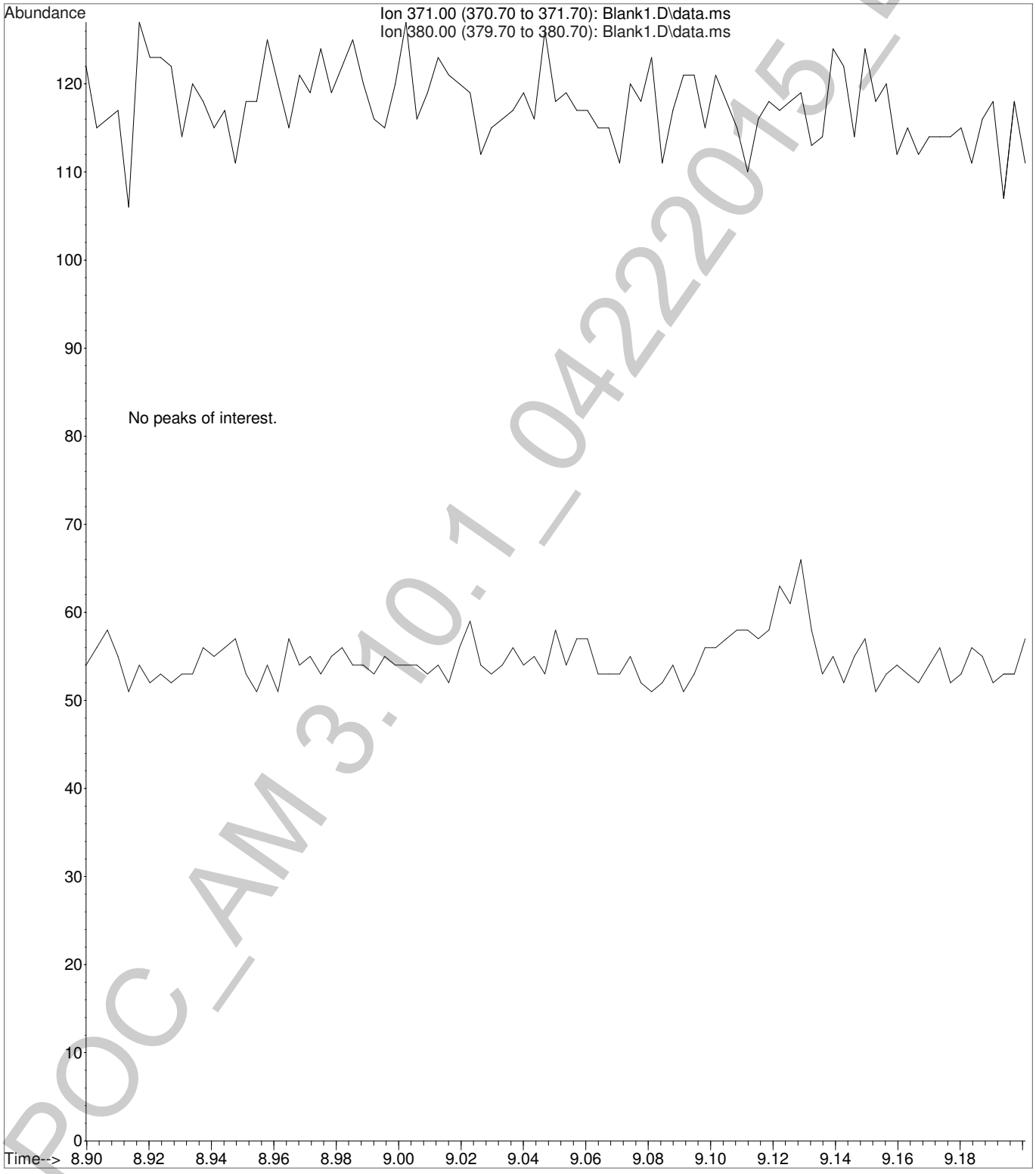
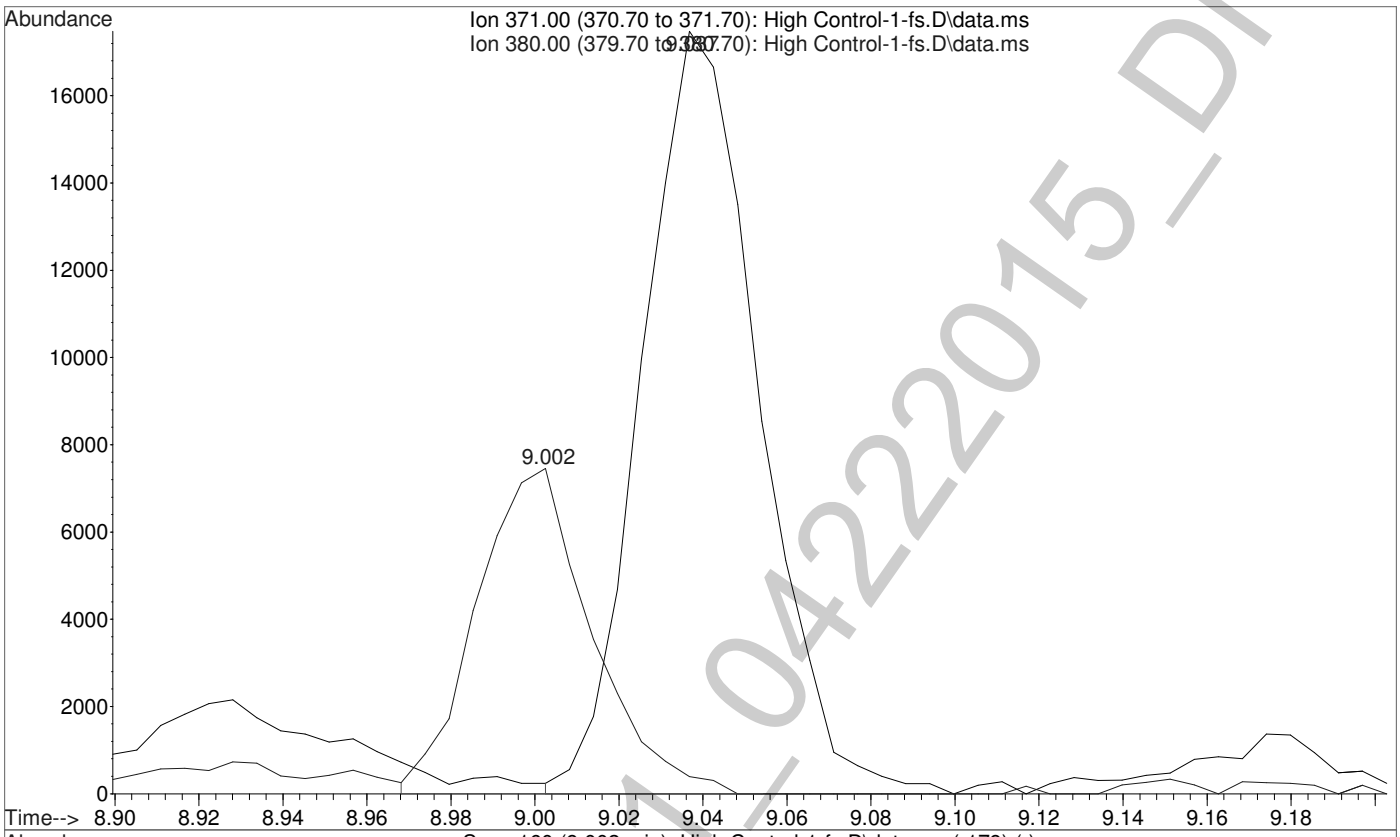
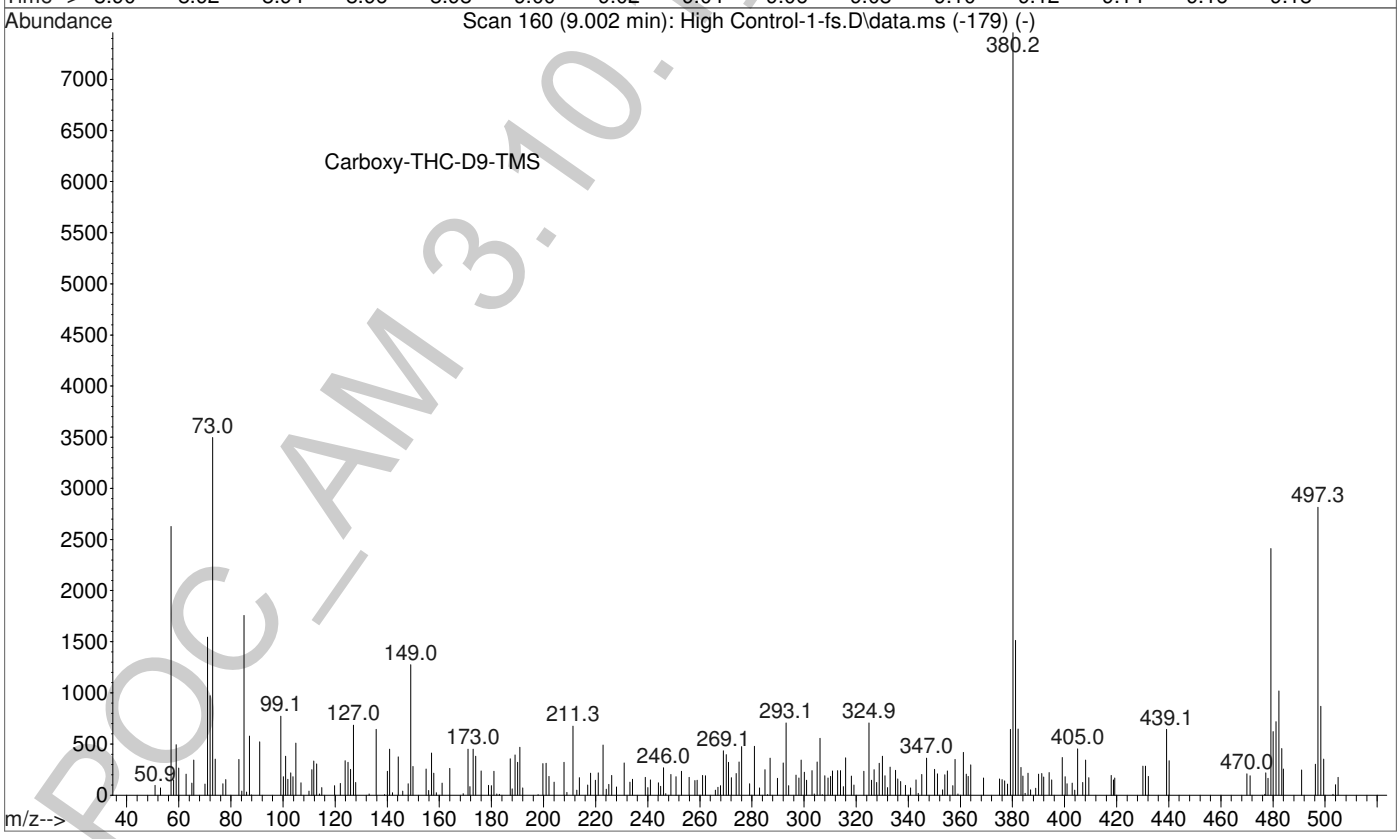
File :C:\gcms\1\data\Blood\042215MJ\Blank1.D
Operator : Pocatello Laboratory
Acquired : 22 Apr 2015 15:08 using AcqMethod CANN-11-10-2010.M
Instrument : Probie
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 100

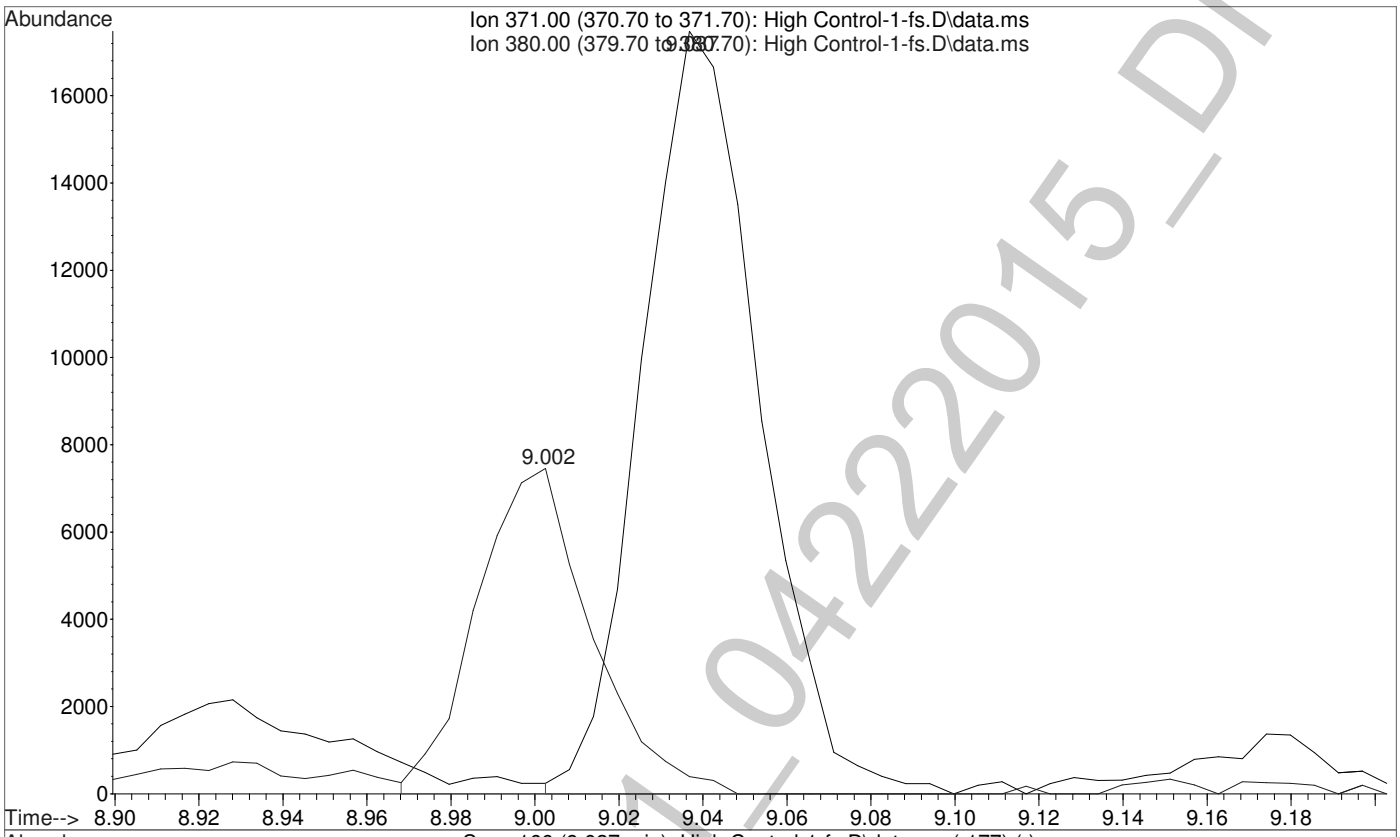


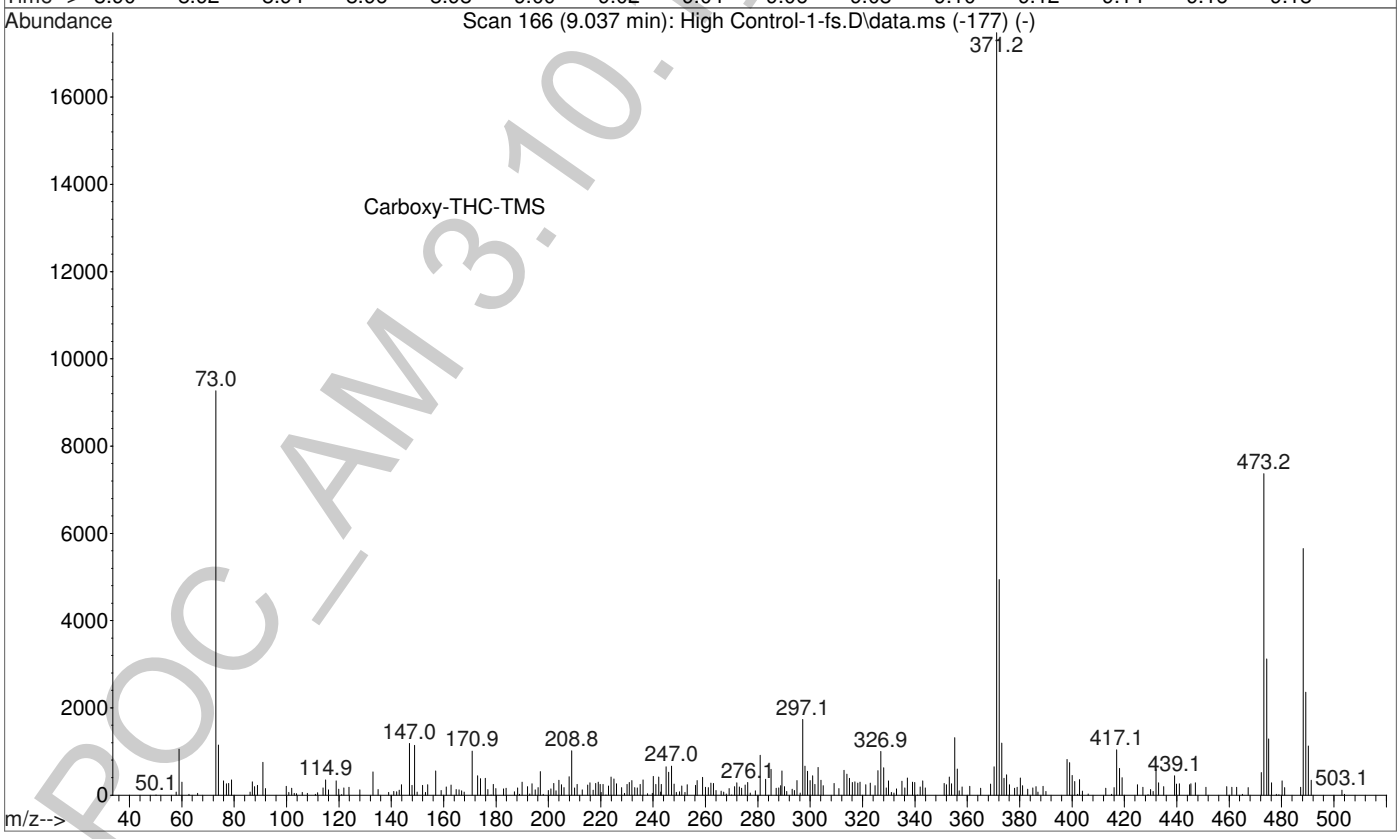
File :C:\gcms\1\data\Blood\042215MJ\High Control-1-fs.D
Operator : Pocatello Laboratory
Acquired : 22 Apr 2015 15:22 using AcqMethod CANNFS-11-10-2010.M
Instrument : Probie
Sample Name: High Control 60ng/mL
Misc Info : Analytical Method 3.10.1
Vial Number: 9



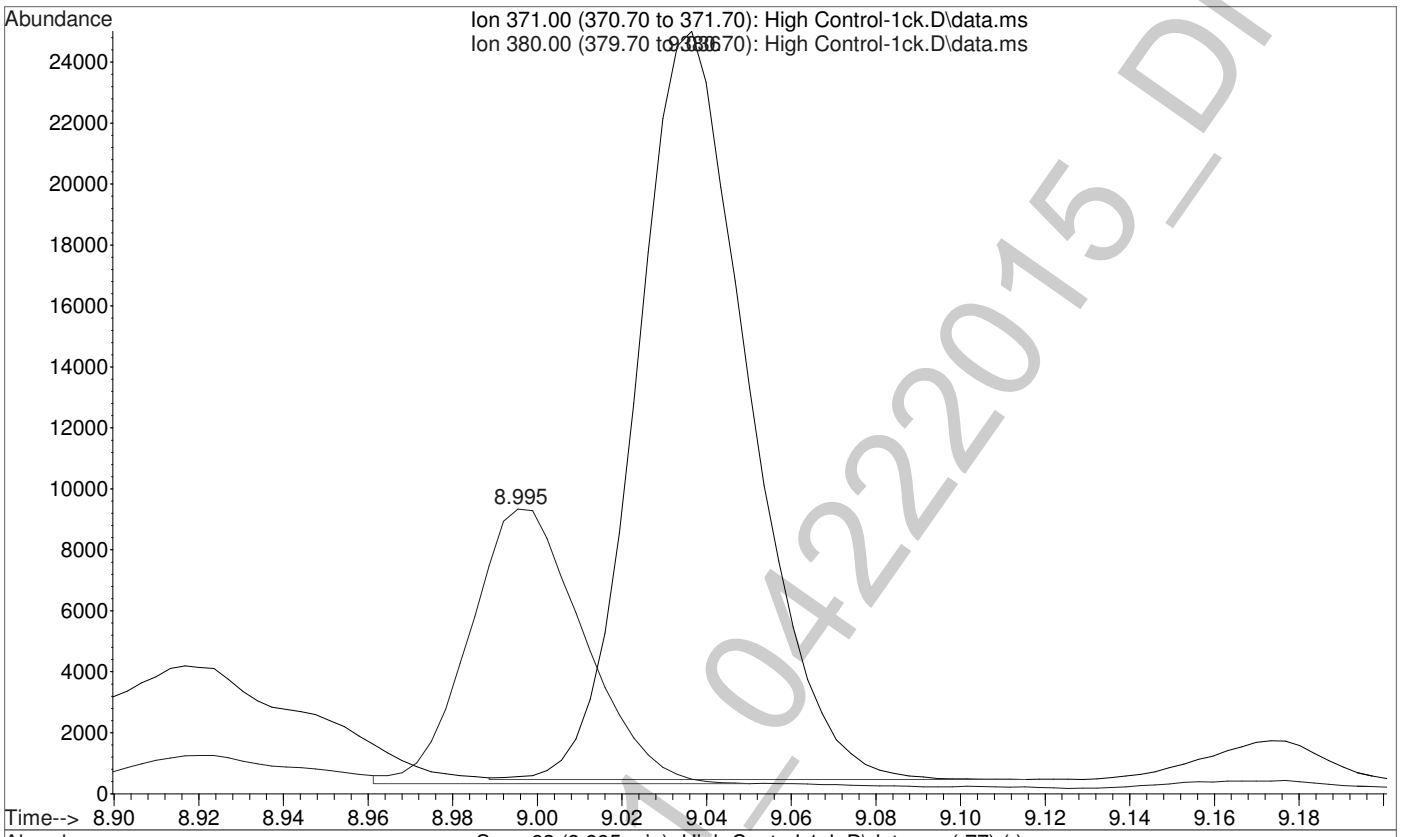


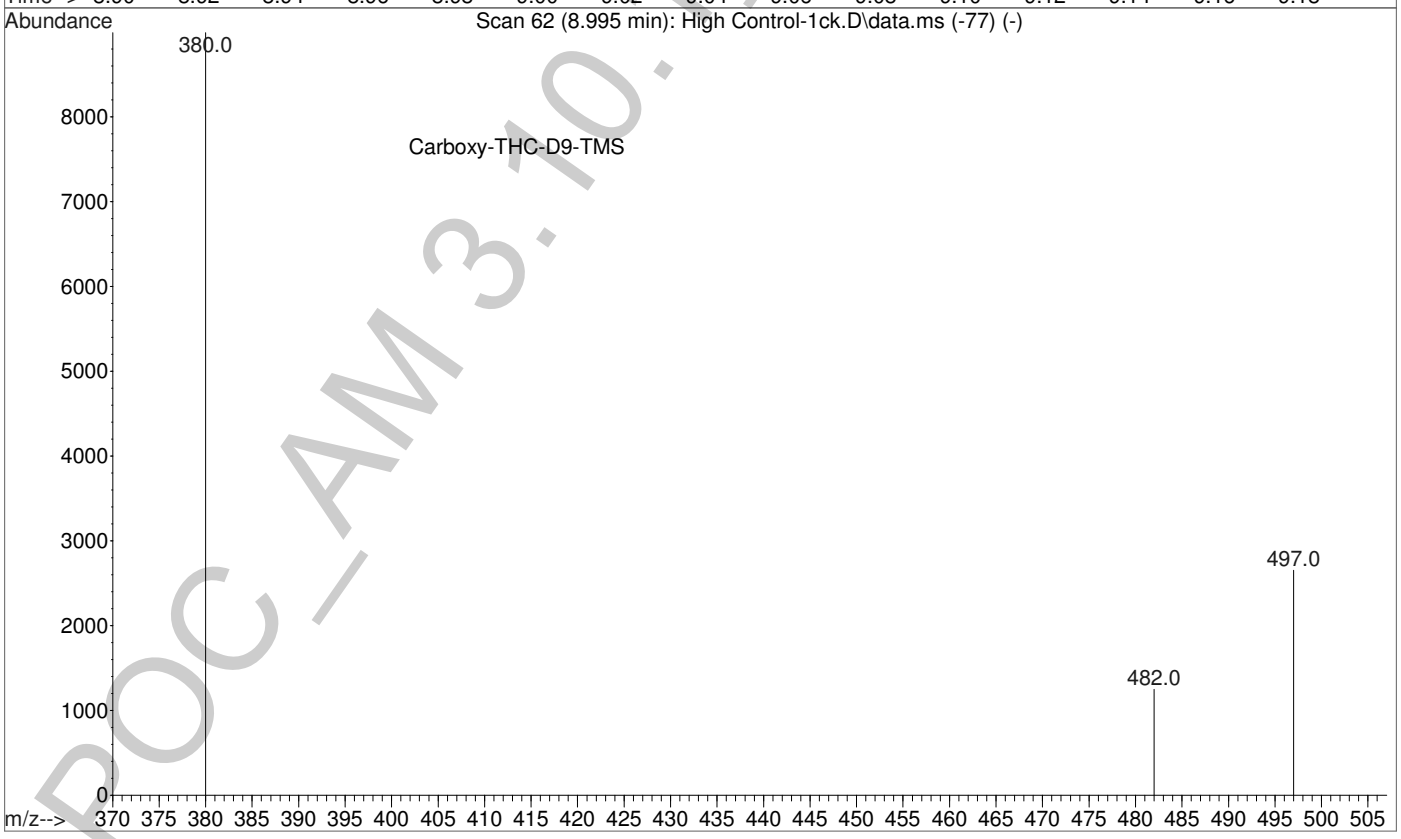
File :C:\gcms\1\data\Blood\042215MJ\High Control-1-fs.D
Operator : Pocatello Laboratory
Acquired : 22 Apr 2015 15:22 using AcqMethod CANNFS-11-10-2010.M
Instrument : Probie
Sample Name: High Control 60ng/mL
Misc Info : Analytical Method 3.10.1
Vial Number: 9



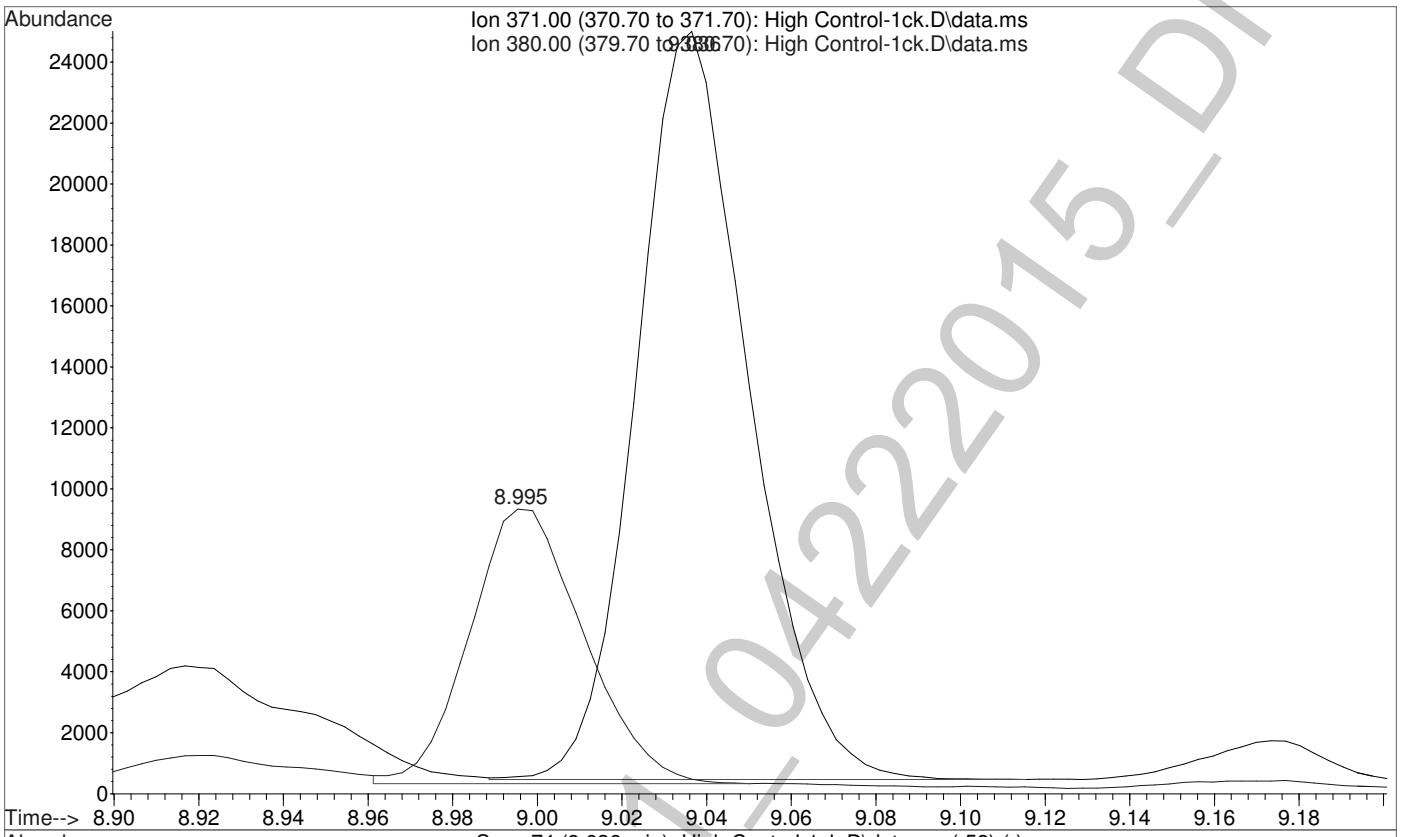


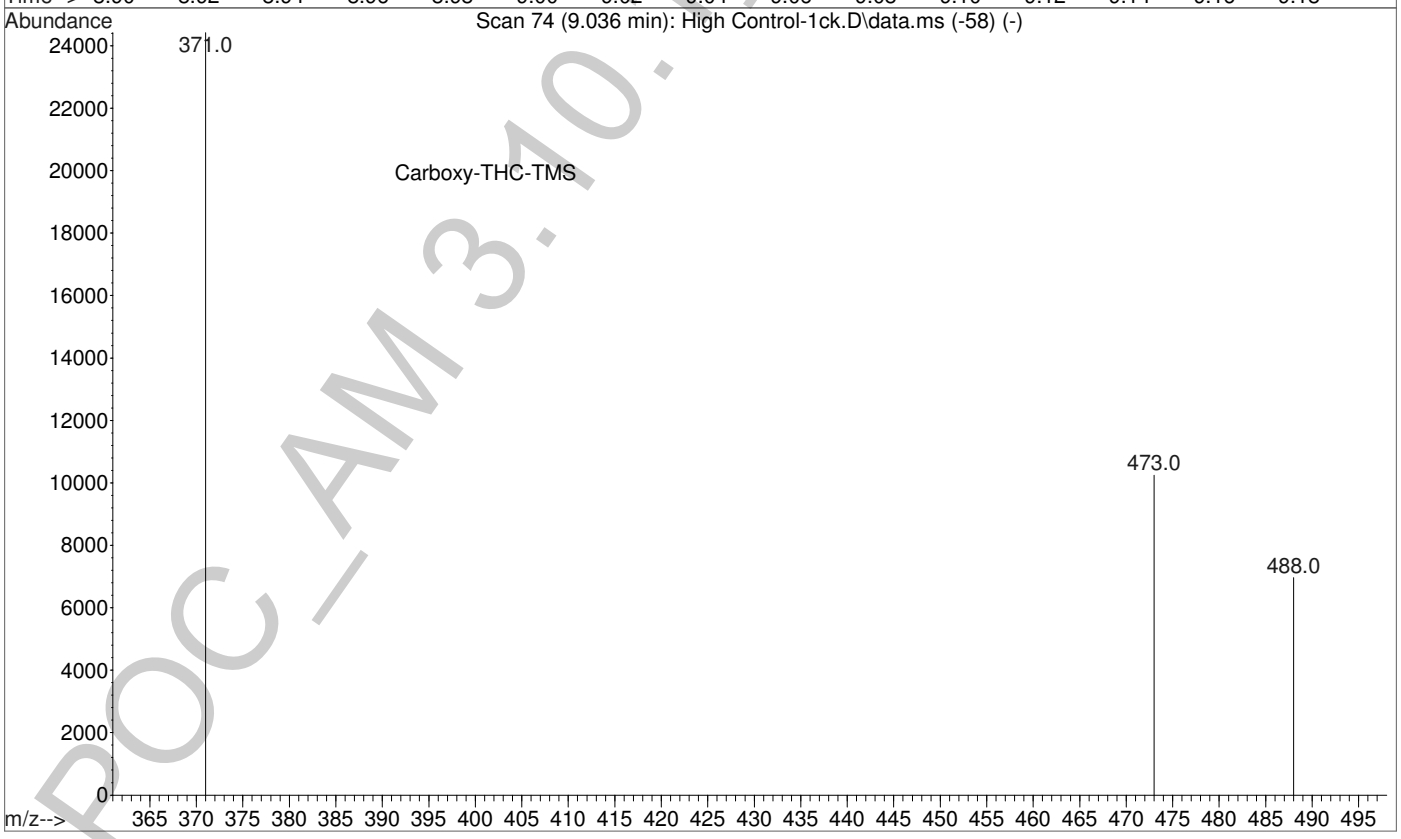
File :C:\gcms\1\data\Blood\042215MJ\High Control-1ck.D
Operator : Pocatello Laboratory
Acquired : 22 Apr 2015 15:37 using AcqMethod CANN-11-10-2010.M
Instrument : Probie
Sample Name: High Control 60ng/mL
Misc Info : Analytical Method 3.10.1
Vial Number: 9



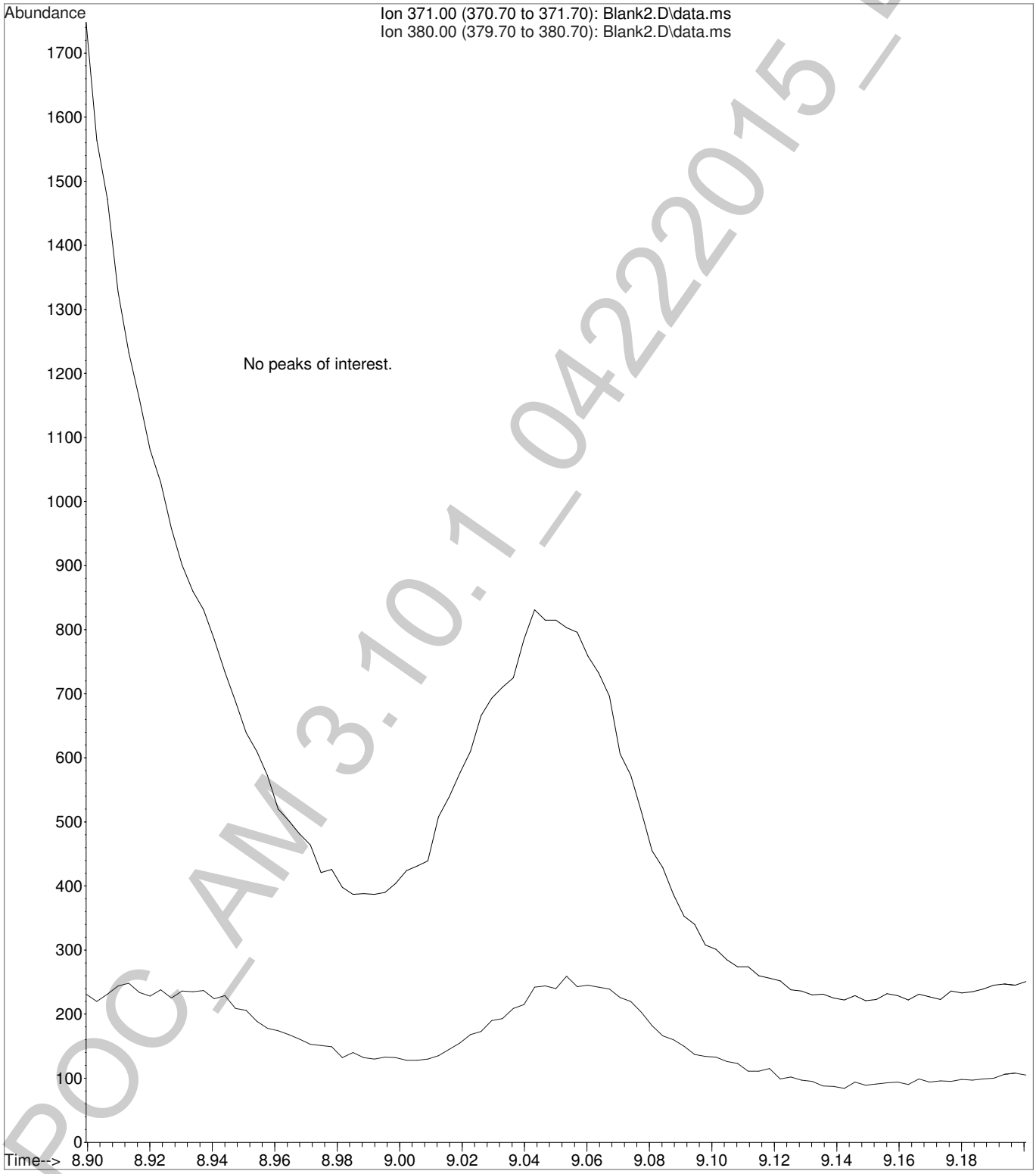


File :C:\gcms\1\data\Blood\042215MJ\High Control-1ck.D
Operator : Pocatello Laboratory
Acquired : 22 Apr 2015 15:37 using AcqMethod CANN-11-10-2010.M
Instrument : Probie
Sample Name: High Control 60ng/mL
Misc Info : Analytical Method 3.10.1
Vial Number: 9





File :C:\gcms\1\data\Blood\042215MJ\Blank2.D
Operator : Pocatello Laboratory
Acquired : 22 Apr 2015 15:51 using AcqMethod CANN-11-10-2010.M
Instrument : Probie
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 99



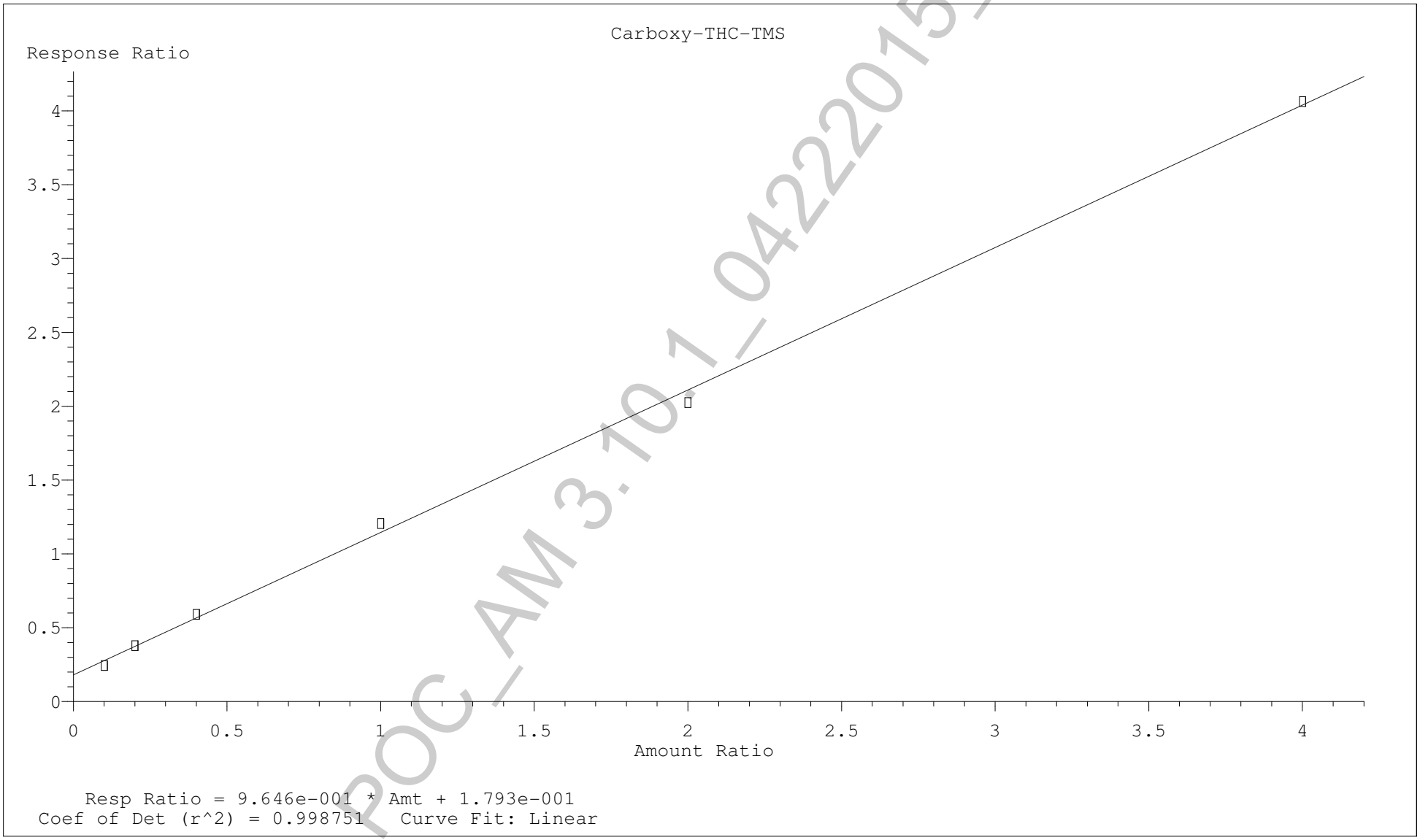
Calibration data of Carboxy-THC-D9-TMS

LvLID	Amount (ratio)	Response (ratio)	Data File
3	25.0000	19879.000000	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 3.D
1	25.0000	21302.000000	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 1.D
2	25.0000	20931.000000	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 2.D
4	25.0000	24611.000000	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 4.D
5	25.0000	27619.000000	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 5.D
6	25.0000	20136.000000	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 6.D

Internal Standard

Calibration data of Carboxy-THC-TMS

LvLID	Amount (ratio)	Response (ratio)	bias (%)	Data File
3	0.4000	0.589869	4.37	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 3.D
1	0.1000	0.243310	-11.78	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 1.D
2	0.2000	0.378147	1.58	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 2.D
4	1.0000	1.205274	5.36	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 4.D
5	2.0000	2.024259	-4.00	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 5.D
6	4.0000	4.062624	0.62	C:\gcms\1\data\Blood\042215MJ\Calibrator Level 6.D



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Negative Control.D
Acq On : 22 Apr 2015 16:05
Operator : Pocatello Laboratory
Sample : Negative Control: UTAK Lot B0689
Misc : Analytical Method 3.10.1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 09:31:18 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

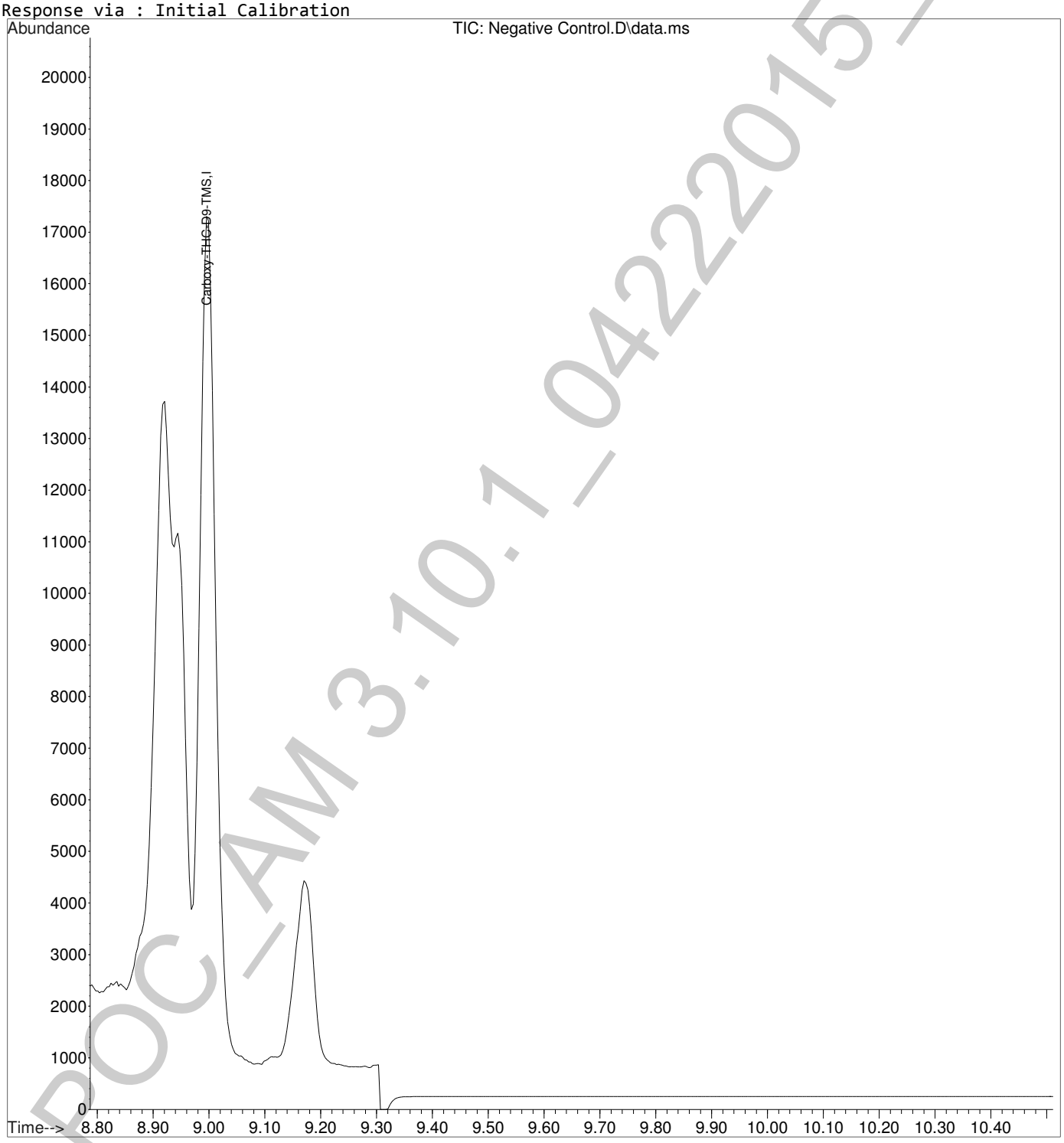
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.996	380	22359	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.026	371	197	Below Cal	#	44

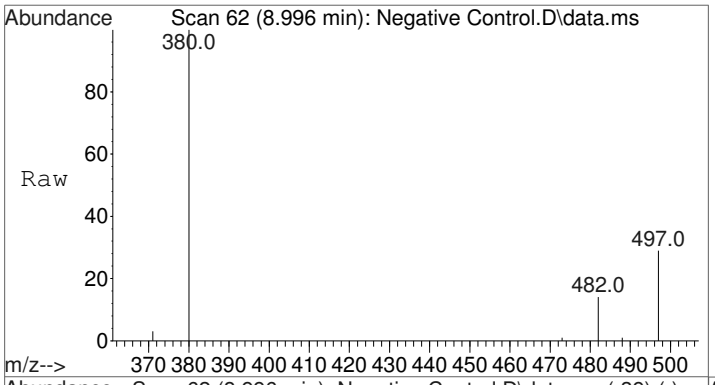
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Negative Control.D
Acq On : 22 Apr 2015 16:05
Operator : Pocatello Laboratory
Sample : Negative Control: UTAK Lot B0689
Misc : Analytical Method 3.10.1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 09:31:18 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

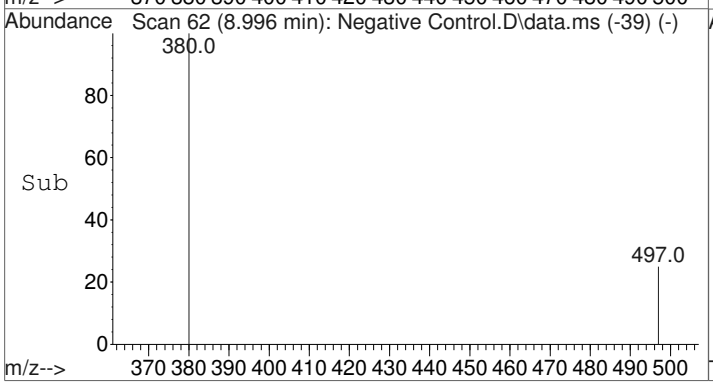


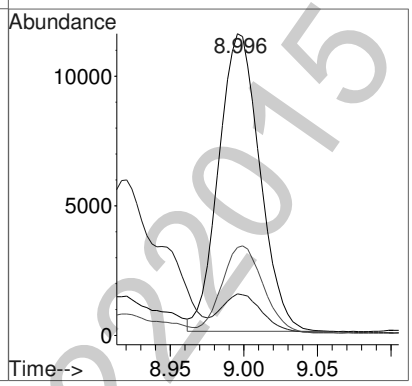


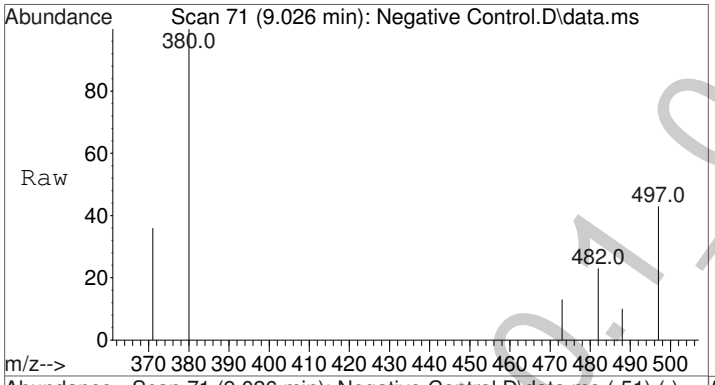
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.996 min Scan# 62
Delta R.T. -0.000 min
Lab File: Negative Control.D
Acq: 22 Apr 2015 16:05

Tgt Ion:380 Resp: 22359

Ion	Ratio	Lower	Upper
380	100		
482	12.8	11.0	16.6
497	29.6	25.4	38.2



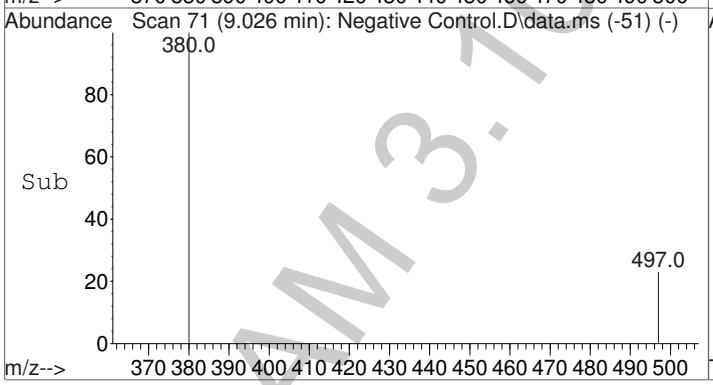


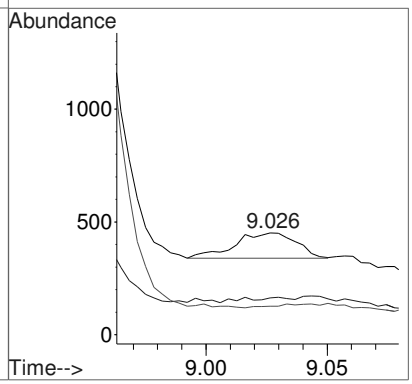


#2
Carboxy-THC-TMS
Concen: Below Cal
RT: 9.026 min Scan# 71
Delta R.T. -0.011 min
Lab File: Negative Control.D
Acq: 22 Apr 2015 16:05

Tgt Ion:371 Resp: 197

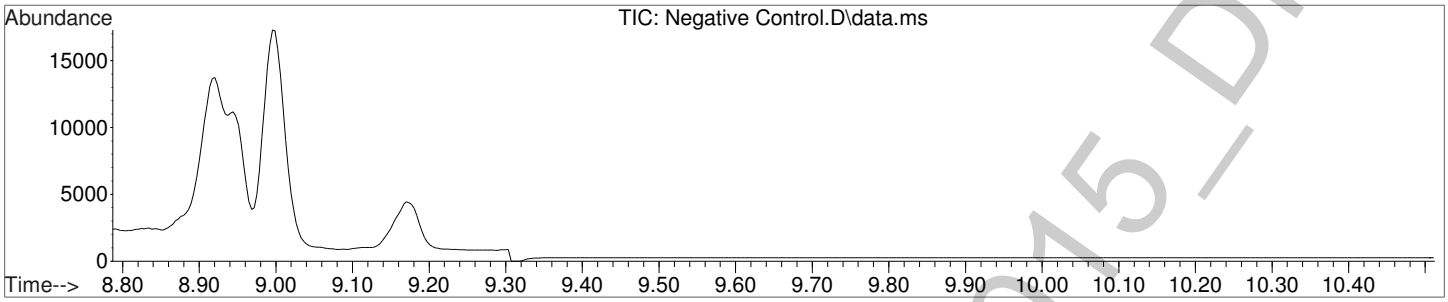
Ion	Ratio	Lower	Upper
371	100		
473	0.0	29.1	43.7#
488	0.0	18.0	27.0#



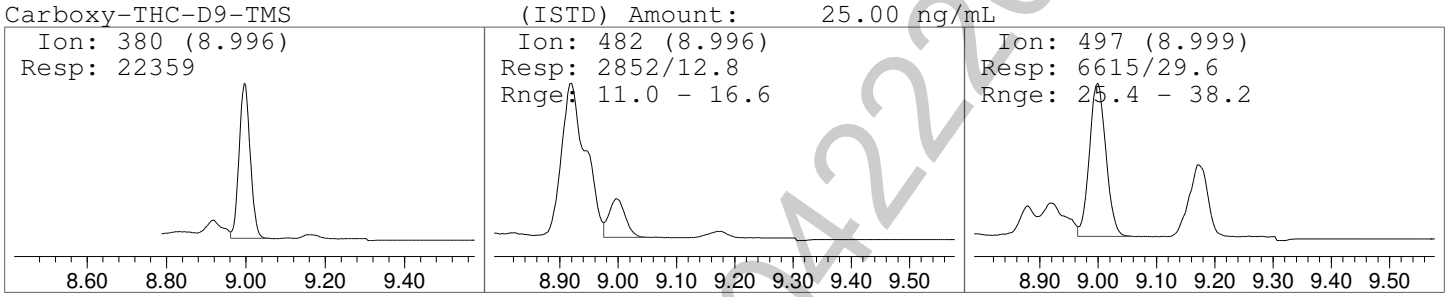


Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Negative Control.D
Acq On : 22 Apr 2015 16:05
Operator : Pocatello Laboratory
Sample : Negative Control: UTAK Lot B0689
Misc : Analytical Method 3.10.1
ALS Vial : 1 Sample Multiplier: 1



Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 1.D
Acq On : 22 Apr 2015 16:19
Operator : Pocatello Laboratory
Sample : Calibrator Level 1: 2.5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 09:21:47 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.999	380	21302	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.036	371	5183	1.66	ng/mL# *	82

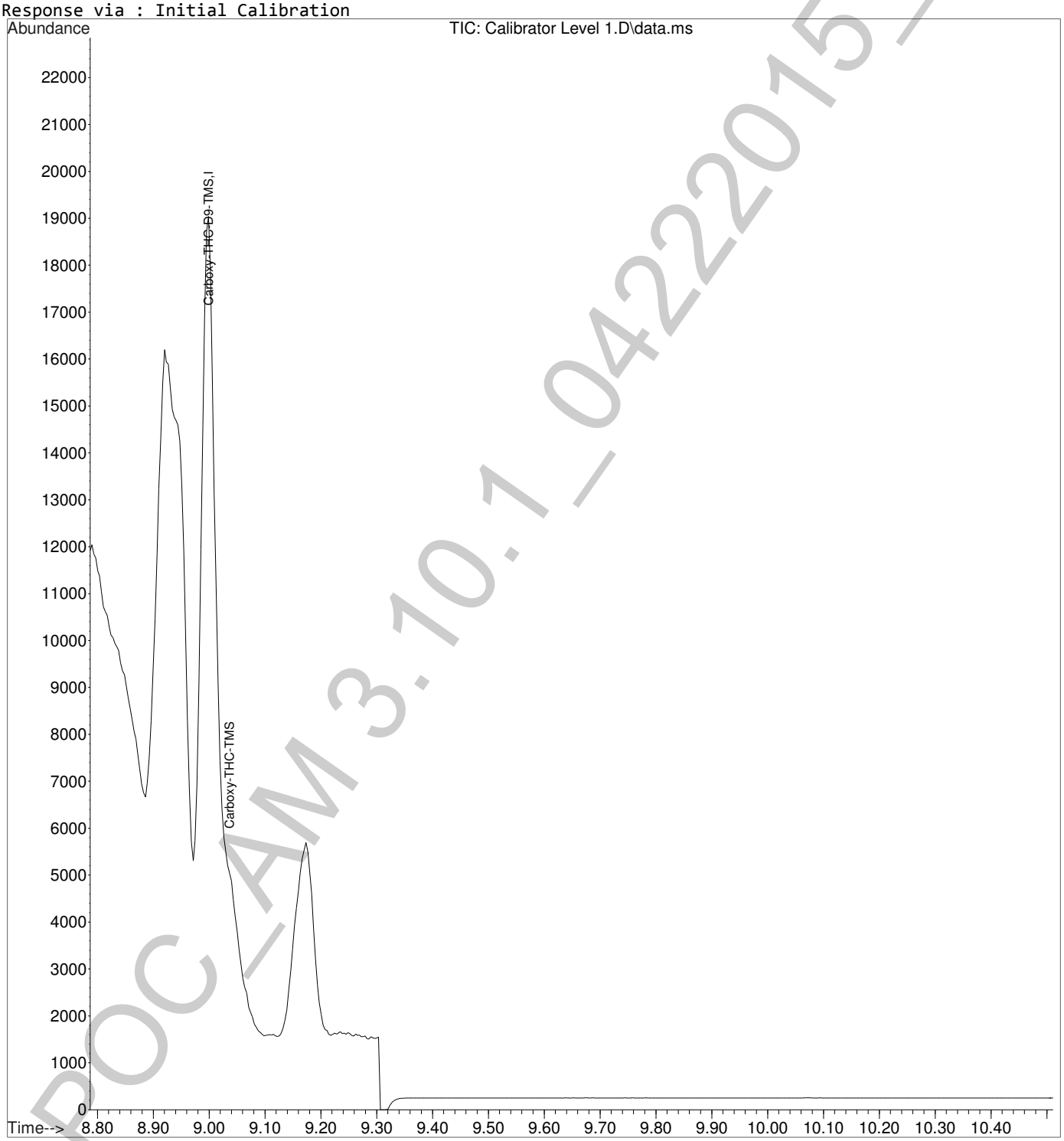
(#) = qualifier out of range (m) = manual integration (+) = signals summed

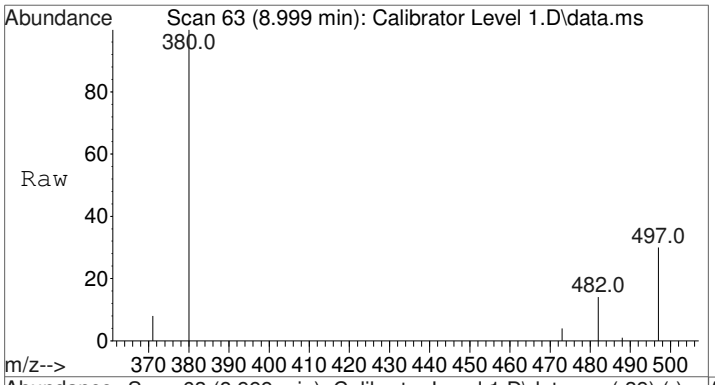
*Qualifier ions out of range - refer to manual integration.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 1.D
Acq On : 22 Apr 2015 16:19
Operator : Pocatello Laboratory
Sample : Calibrator Level 1: 2.5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 09:21:47 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

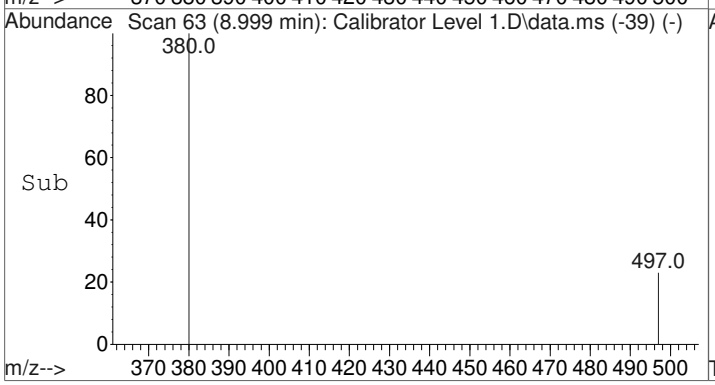


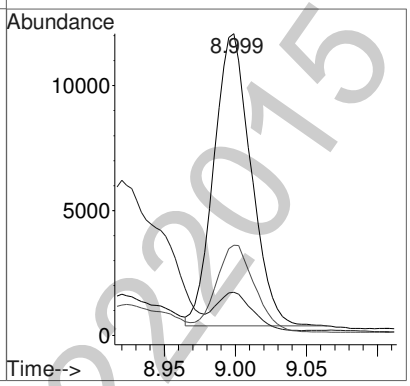


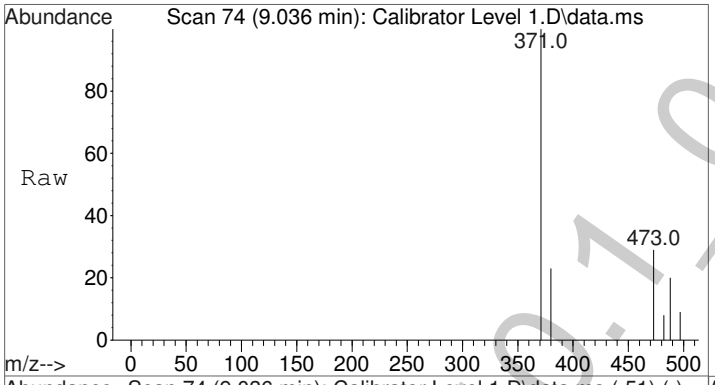
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.999 min Scan# 63
Delta R.T. 0.003 min
Lab File: Calibrator Level 1.D
Acq: 22 Apr 2015 16:19

Tgt Ion:380 Resp: 21302

Ion	Ratio	Lower	Upper
380	100		
482	12.8	11.0	16.6
497	31.0	25.4	38.2



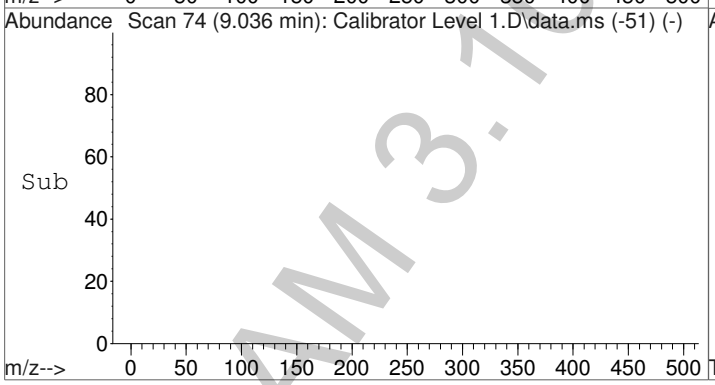


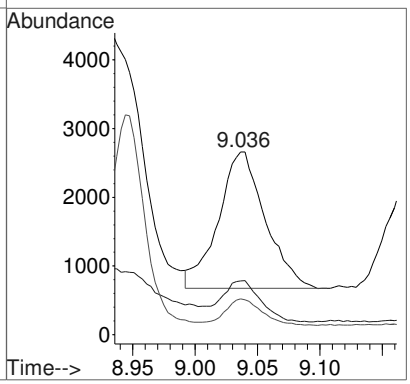


#2
Carboxy-THC-TMS
Concen: 1.66 ng/mL
RT: 9.036 min Scan# 74
Delta R.T. -0.001 min
Lab File: Calibrator Level 1.D
Acq: 22 Apr 2015 16:19

Tgt Ion:371 Resp: 5183

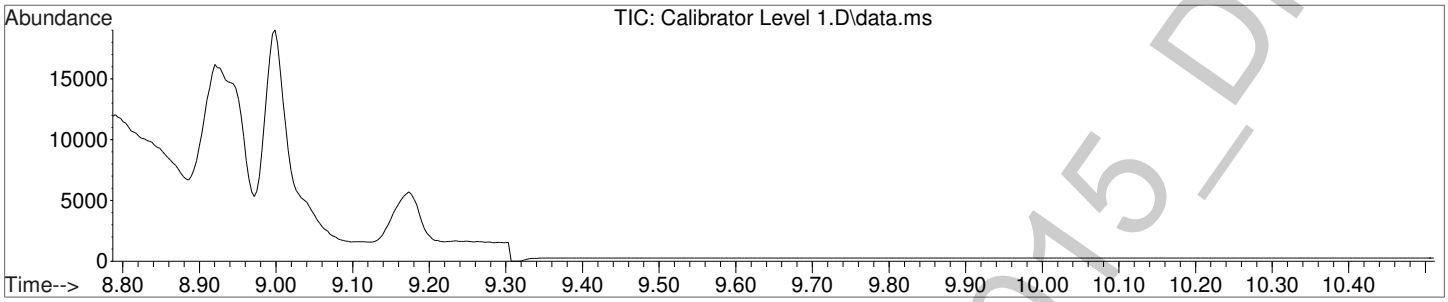
Ion	Ratio	Lower	Upper
371	100		
473	24.3	29.1	43.7#
488	15.5	18.0	27.0#



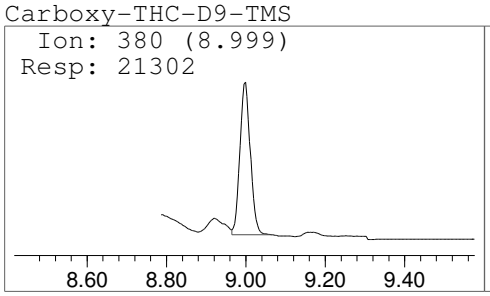


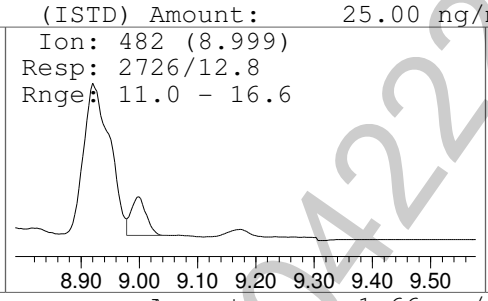
Quantitation Report (Not Reviewed)

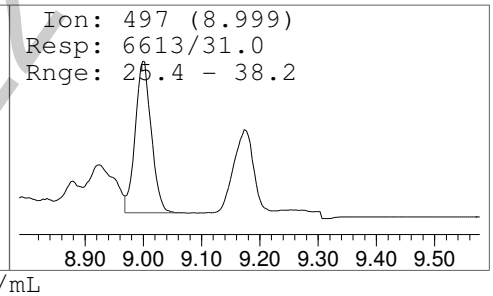
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 1.D
Acq On : 22 Apr 2015 16:19
Operator : Pocatello Laboratory
Sample : Calibrator Level 1: 2.5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 2 Sample Multiplier: 1



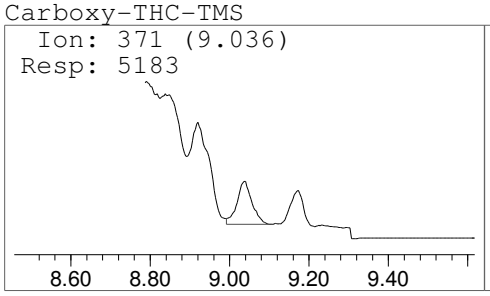
Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL

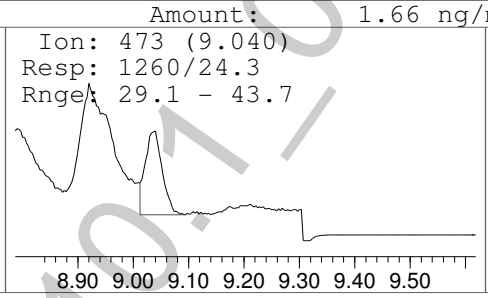


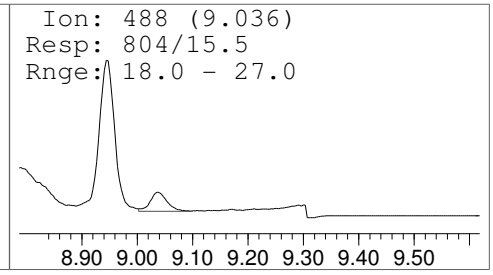




Carboxy-THC-TMS Amount: 1.66 ng/mL







Quantitation Report (QT Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 1.D
Acq On : 22 Apr 2015 16:19
Operator : Pocatello Laboratory
Sample : Calibrator Level 1: 2.5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 09:21:47 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.999	380	21302	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.036	371	4261m	0.54	ng/mL	*

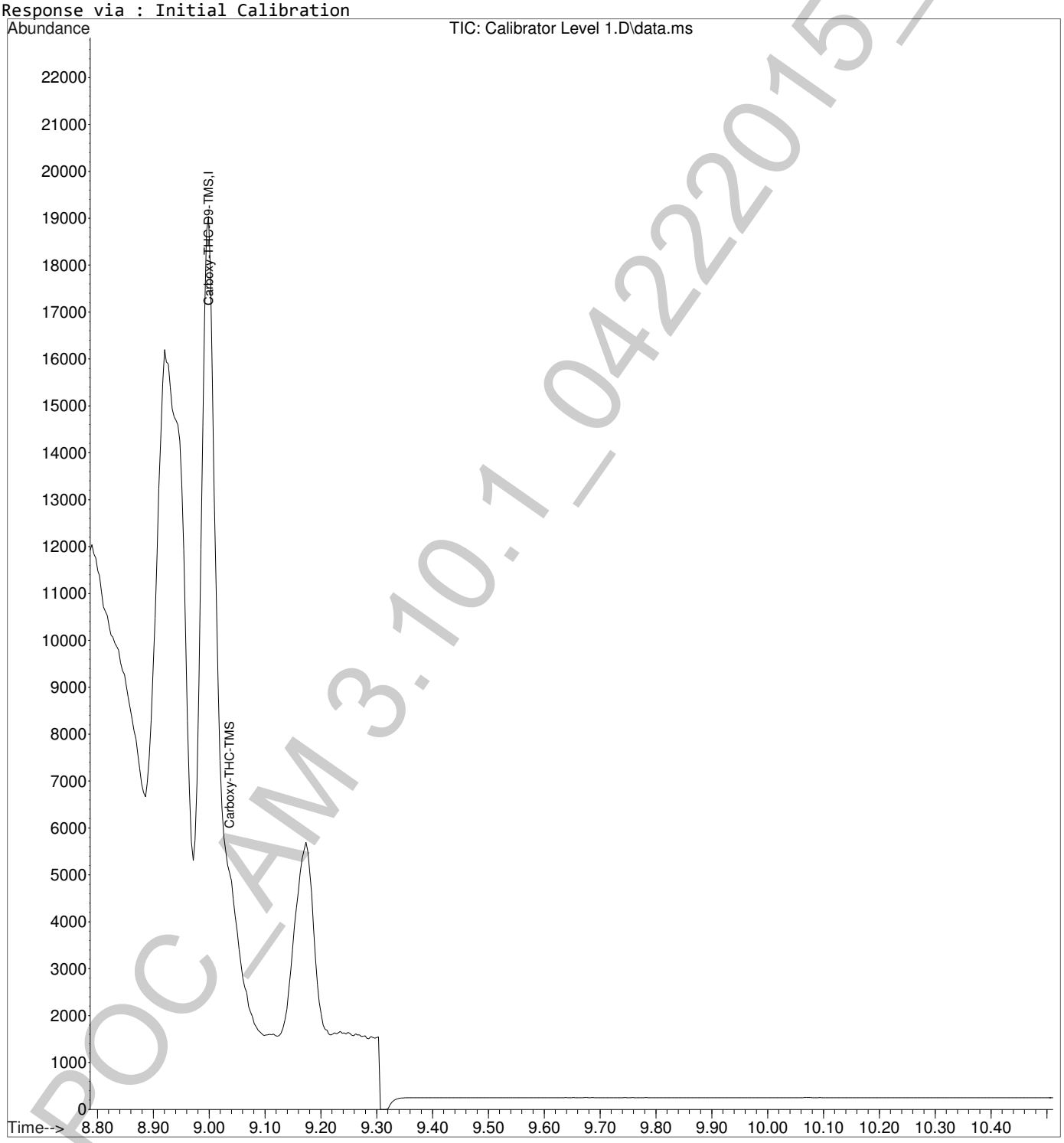
(#) = qualifier out of range (m) = manual integration (+) = signals summed

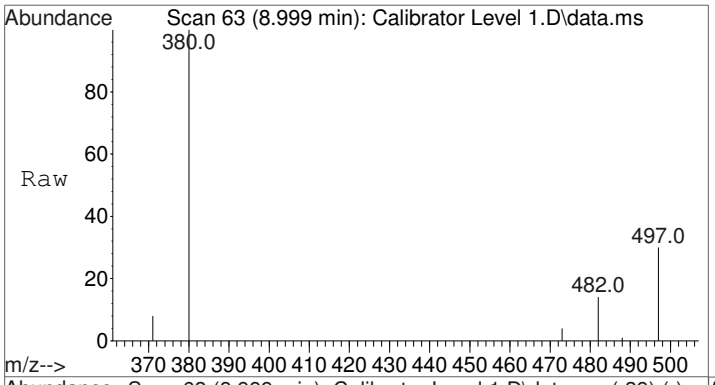
*Manual integration successful. Quantity below 20% of target value - may be used for administrative cutoff (qualitative purposes) only.

Quantitation Report (QT Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 1.D
Acq On : 22 Apr 2015 16:19
Operator : Pocatello Laboratory
Sample : Calibrator Level 1: 2.5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 09:21:47 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

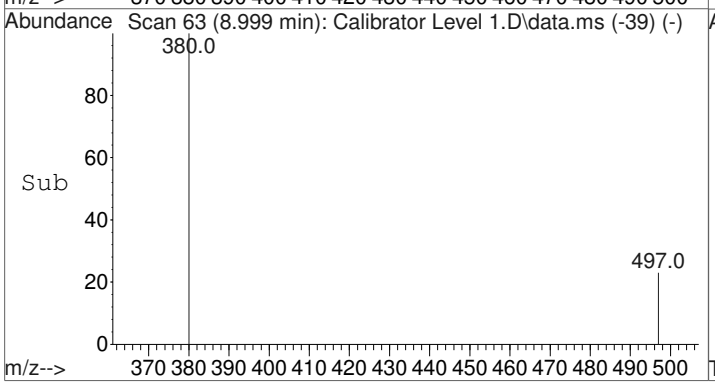


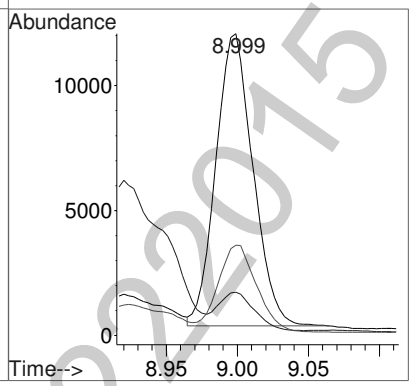


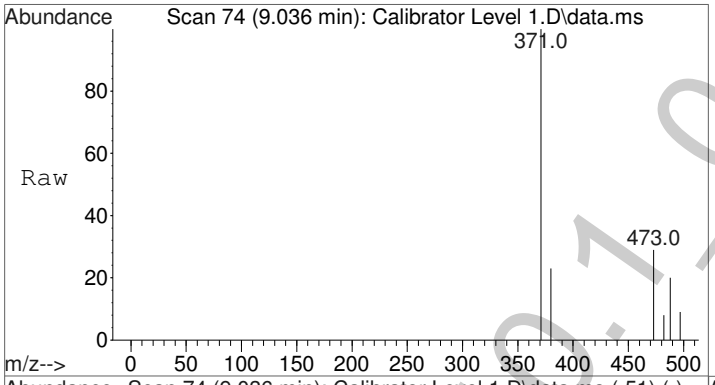
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.999 min Scan# 63
Delta R.T. 0.003 min
Lab File: Calibrator Level 1.D
Acq: 22 Apr 2015 16:19

Tgt Ion:380 Resp: 21302

Ion	Ratio	Lower	Upper
380	100		
482	12.8	11.0	16.6
497	31.0	25.4	38.2



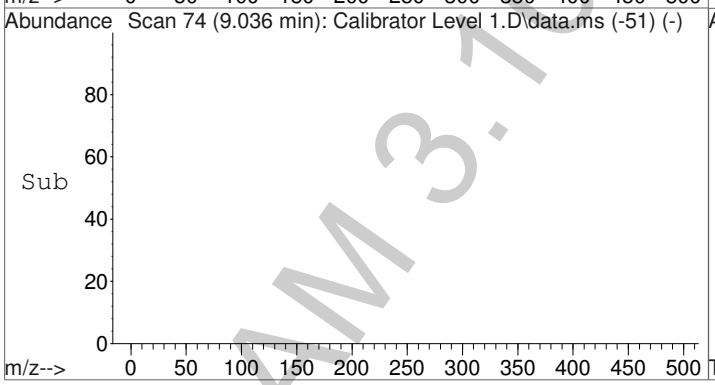


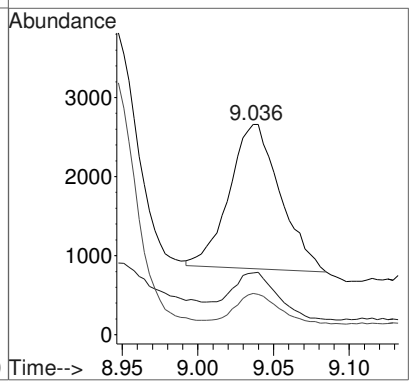


#2
Carboxy-THC-TMS
Concen: 0.54 ng/mL m
RT: 9.036 min Scan# 74
Delta R.T. -0.001 min
Lab File: Calibrator Level 1.D
Acq: 22 Apr 2015 16:19

Tgt Ion:371 Resp: 4261

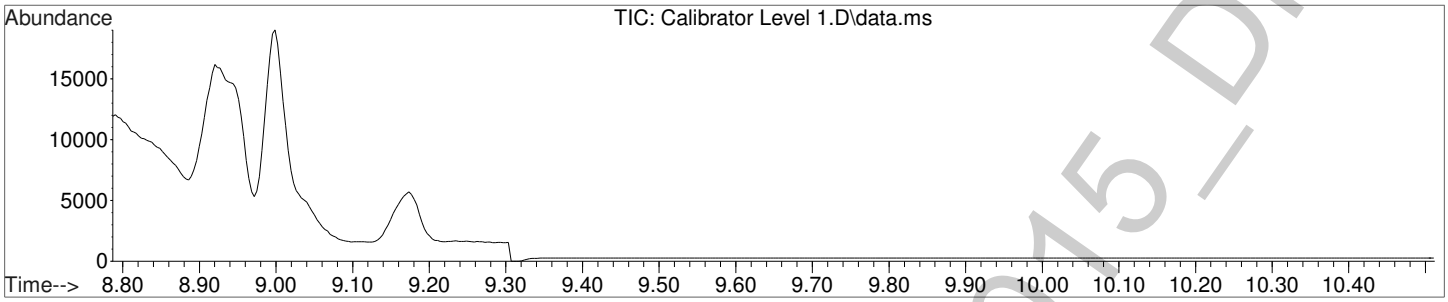
Ion	Ratio	Lower	Upper
371	100		
473	29.6	29.1	43.7
488	18.9	18.0	27.0



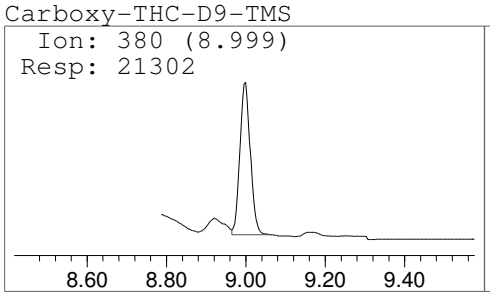


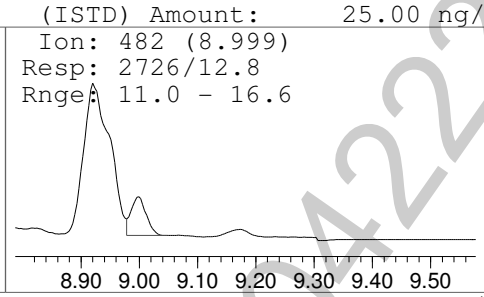
Quantitation Report (QT Reviewed)

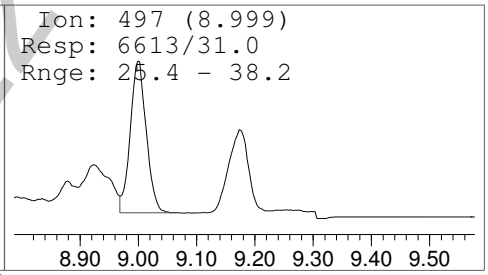
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 1.D
Acq On : 22 Apr 2015 16:19
Operator : Pocatello Laboratory
Sample : Calibrator Level 1: 2.5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 2 Sample Multiplier: 1



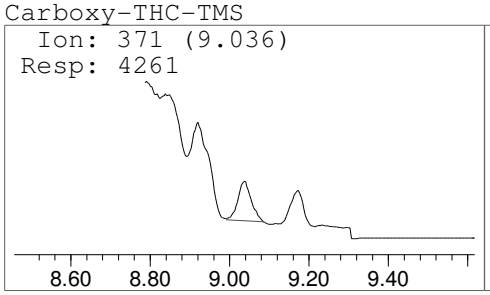
Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL

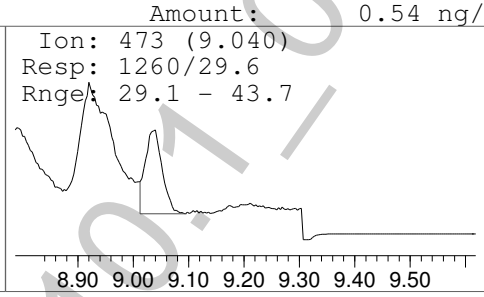


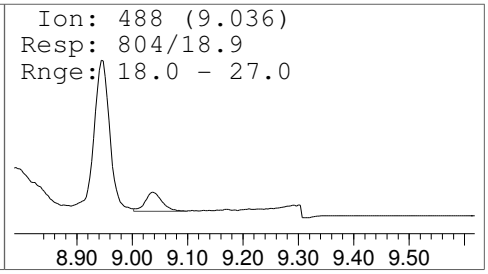




Carboxy-THC-TMS Amount: 0.54 ng/mL







Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 2.D
Acq On : 22 Apr 2015 16:34
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 23 09:24:06 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

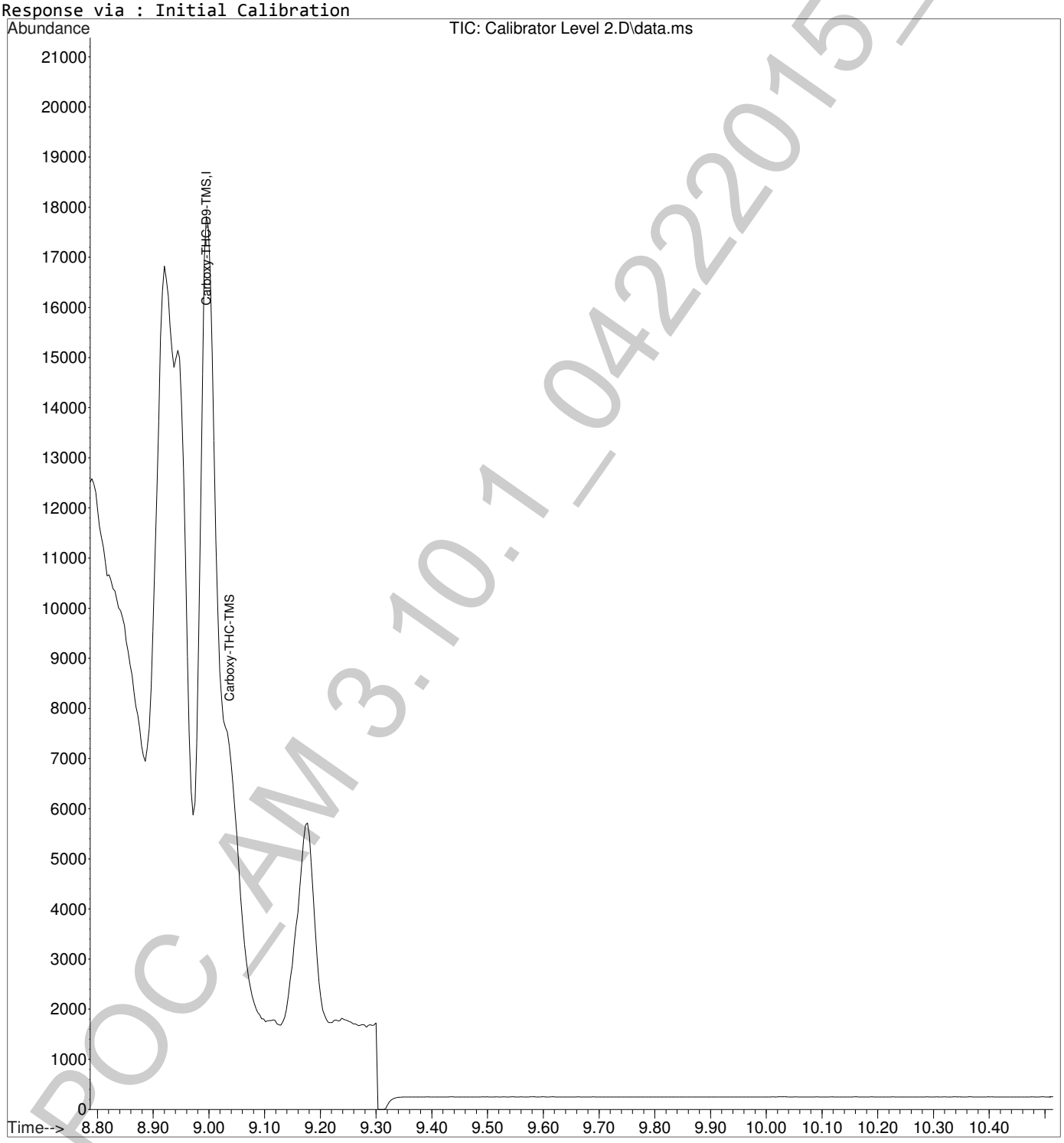
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.995	380	20931	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.037	371	7915	5.15	ng/mL# *	88

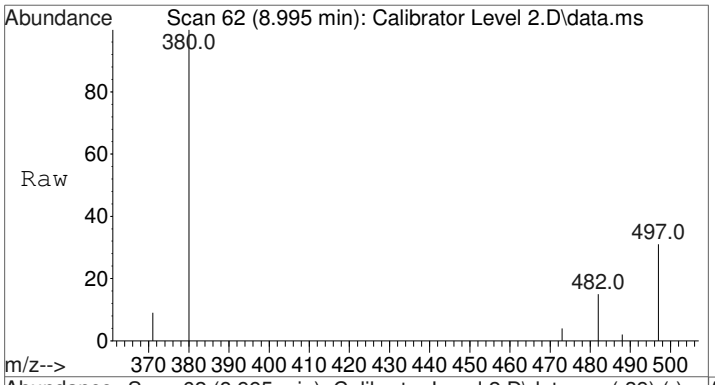
(#) = qualifier out of range (m) = manual integration (+) = signals summed

*Qualifier ion out of range - refer to manual integration.

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 2.D
Acq On : 22 Apr 2015 16:34
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 23 09:24:06 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

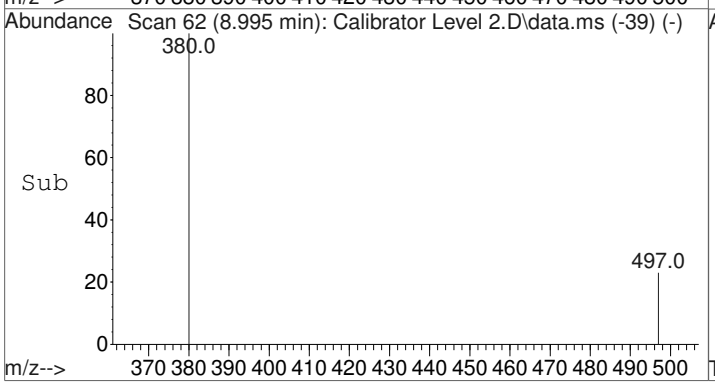


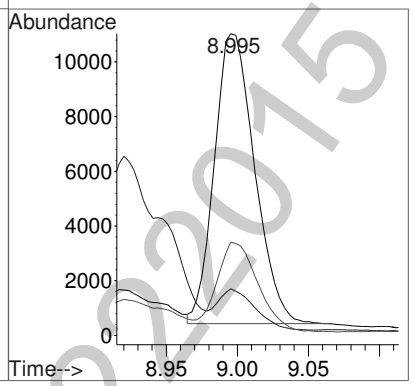


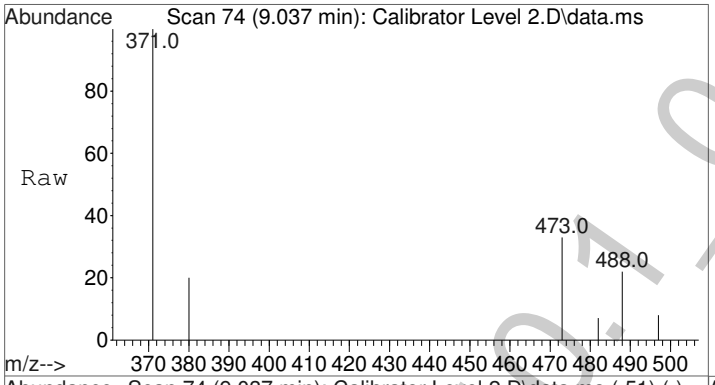
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.995 min Scan# 62
Delta R.T. -0.001 min
Lab File: Calibrator Level 2.D
Acq: 22 Apr 2015 16:34

Tgt Ion:380 Resp: 20931

Ion	Ratio	Lower	Upper
380	100		
482	13.3	11.0	16.6
497	31.7	25.4	38.2



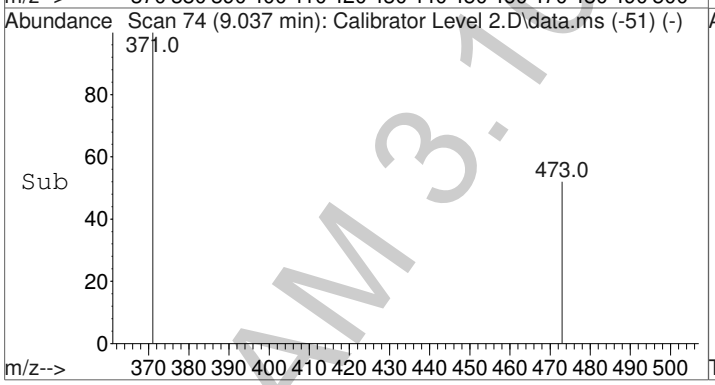


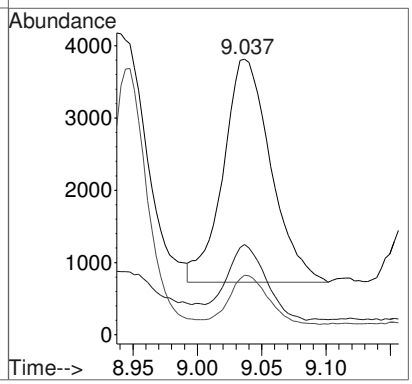


#2
Carboxy-THC-TMS
Concen: 5.15 ng/mL
RT: 9.037 min Scan# 74
Delta R.T. -0.000 min
Lab File: Calibrator Level 2.D
Acq: 22 Apr 2015 16:34

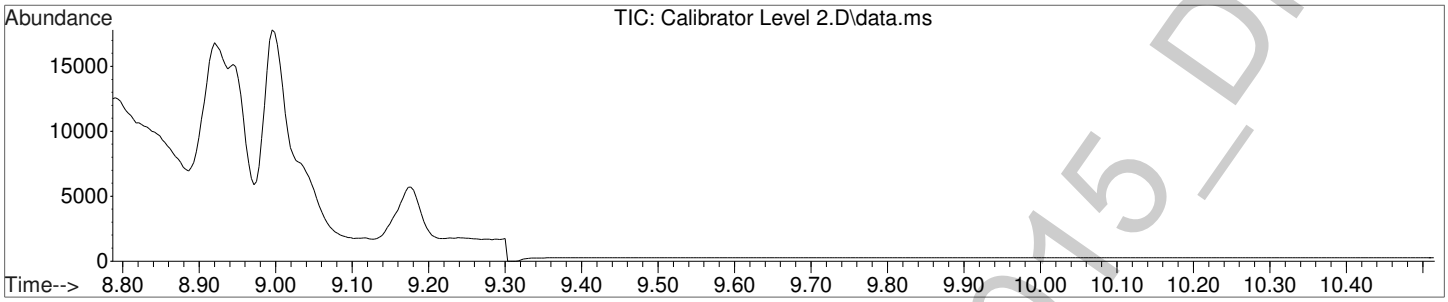
Tgt Ion:371 Resp: 7915

Ion	Ratio	Lower	Upper
371	100		
473	28.4	29.1	43.7#
488	18.1	18.0	27.0

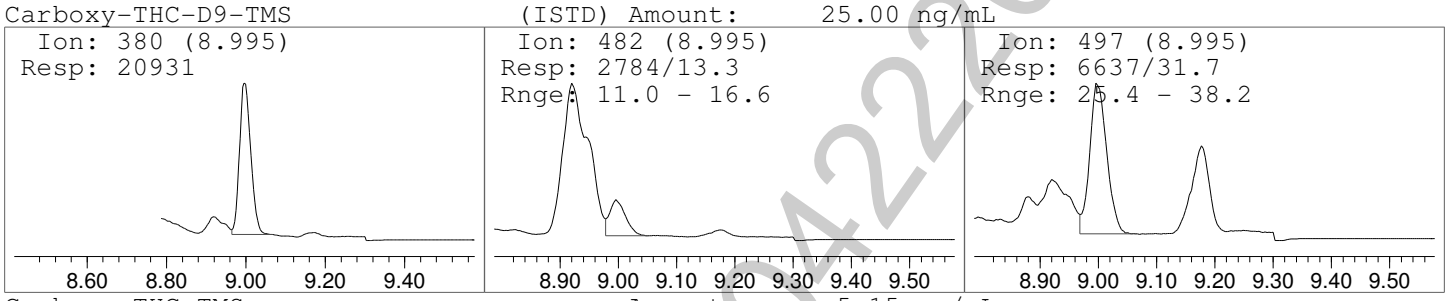




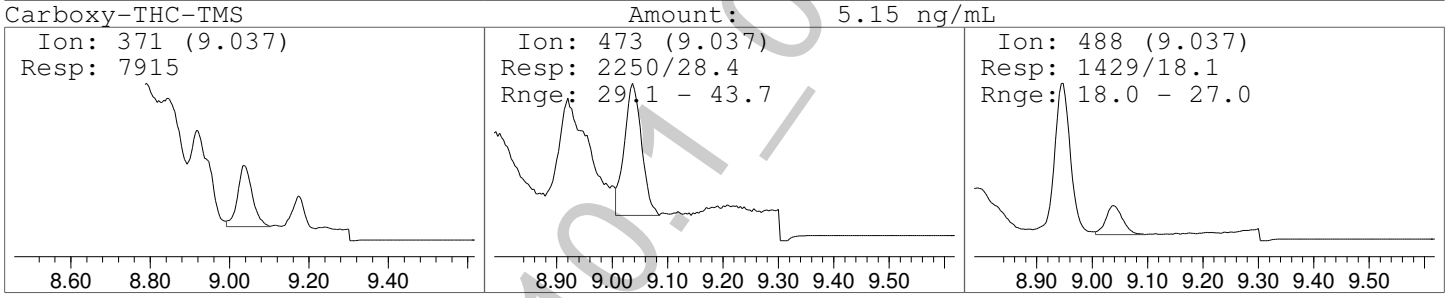
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 2.D
Acq On : 22 Apr 2015 16:34
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 3 Sample Multiplier: 1



Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 5.15 ng/mL



Quantitation Report (QT Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 2.D
Acq On : 22 Apr 2015 16:34
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 23 09:24:06 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.995	380	20931	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.037	371	6971m	* 3.98	ng/mL	

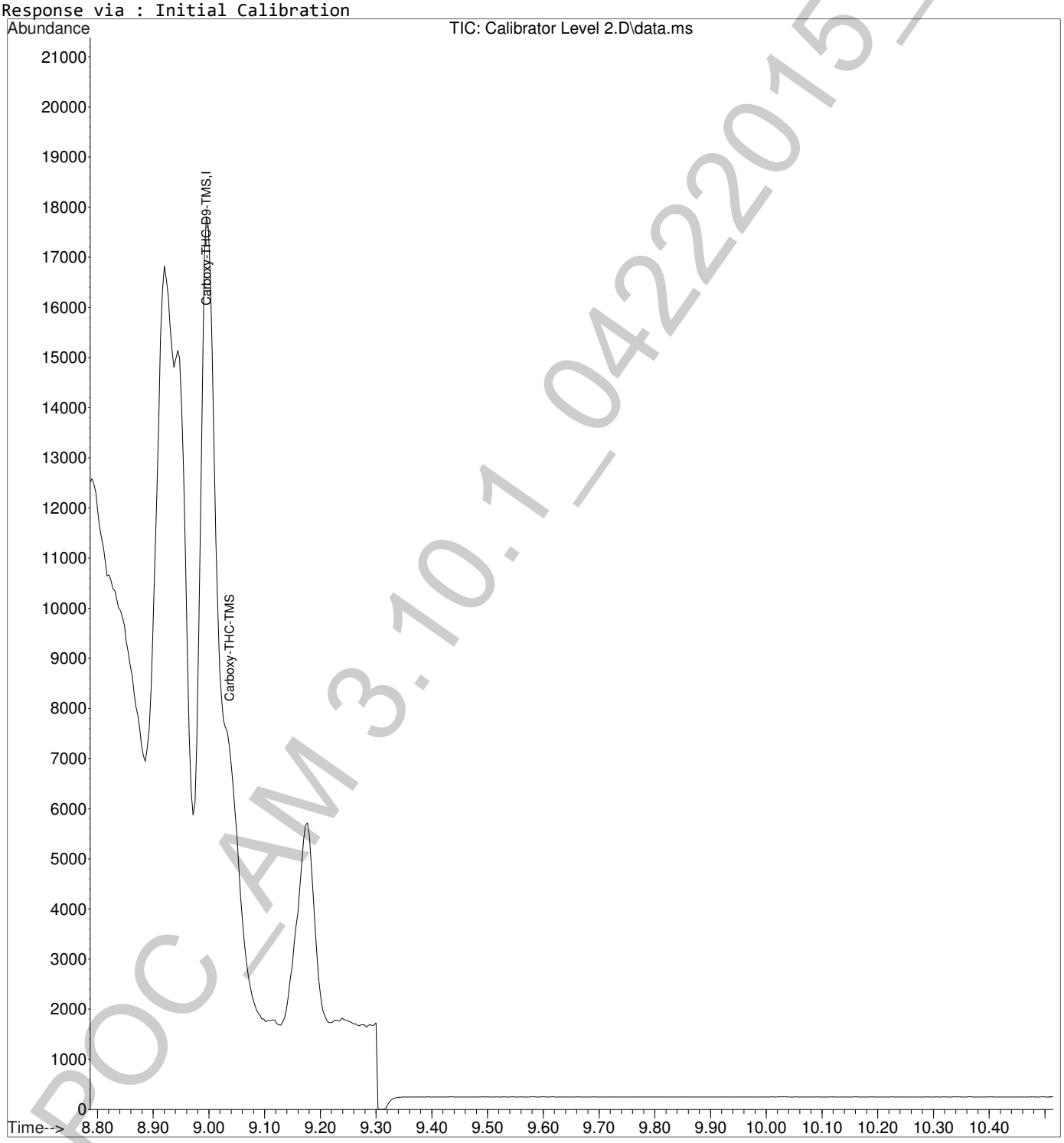
(#) = qualifier out of range (m) = manual integration (+) = signals summed

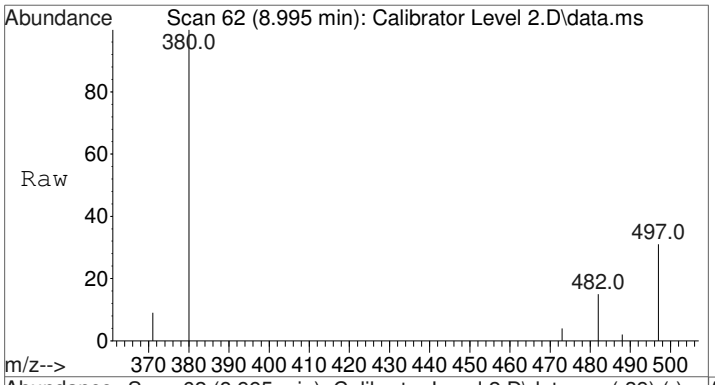
*Manual integration successful. Quantity below 20% of target value - may be used for administrative (qualitative) purposes only.

Quantitation Report (QT Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 2.D
Acq On : 22 Apr 2015 16:34
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 23 09:24:06 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

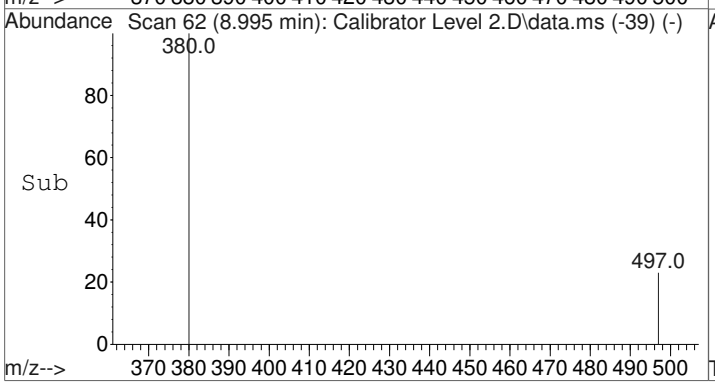


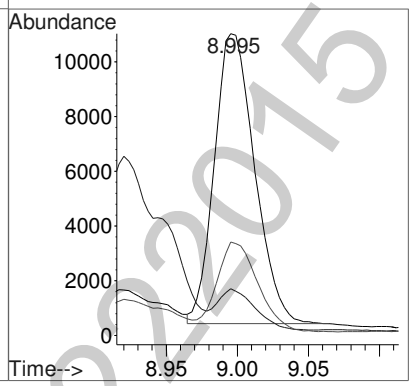


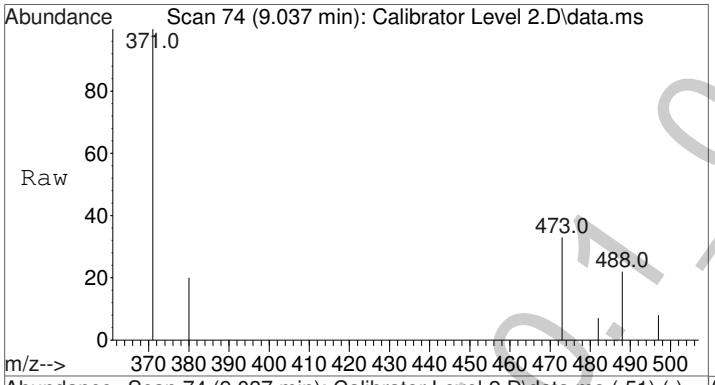
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.995 min Scan# 62
Delta R.T. -0.001 min
Lab File: Calibrator Level 2.D
Acq: 22 Apr 2015 16:34

Tgt Ion:380 Resp: 20931

Ion	Ratio	Lower	Upper
380	100		
482	13.3	11.0	16.6
497	31.7	25.4	38.2



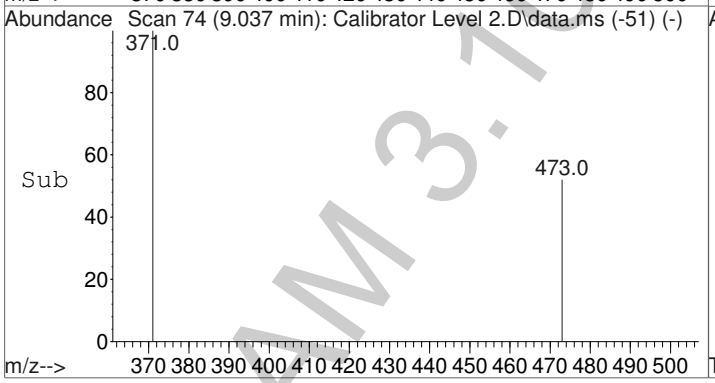


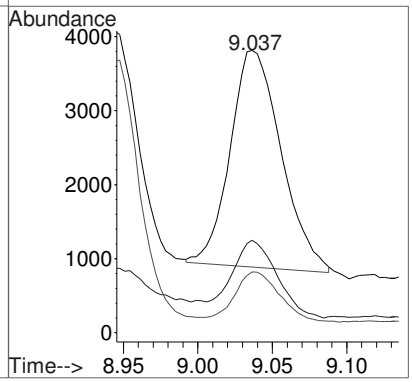


#2
Carboxy-THC-TMS
Concen: 3.98 ng/mL m
RT: 9.037 min Scan# 74
Delta R.T. -0.000 min
Lab File: Calibrator Level 2.D
Acq: 22 Apr 2015 16:34

Tgt Ion:371 Resp: 6971

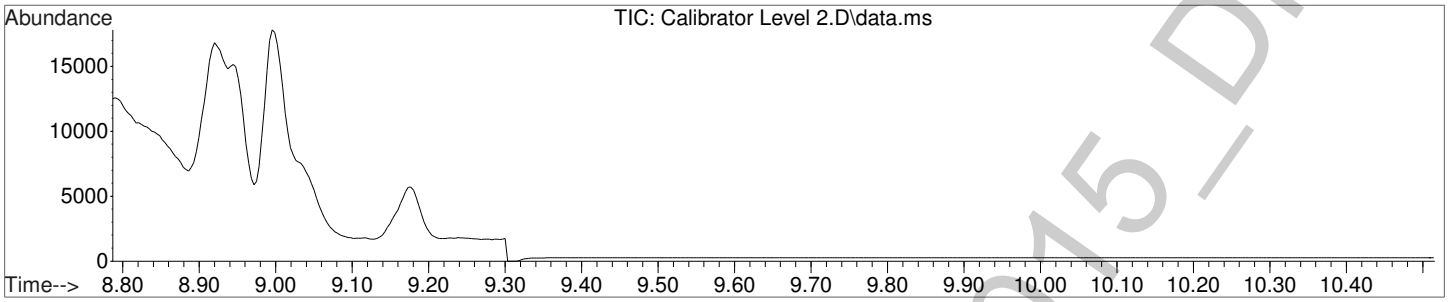
Ion	Ratio	Lower	Upper
371	100		
473	32.3	29.1	43.7
488	20.5	18.0	27.0



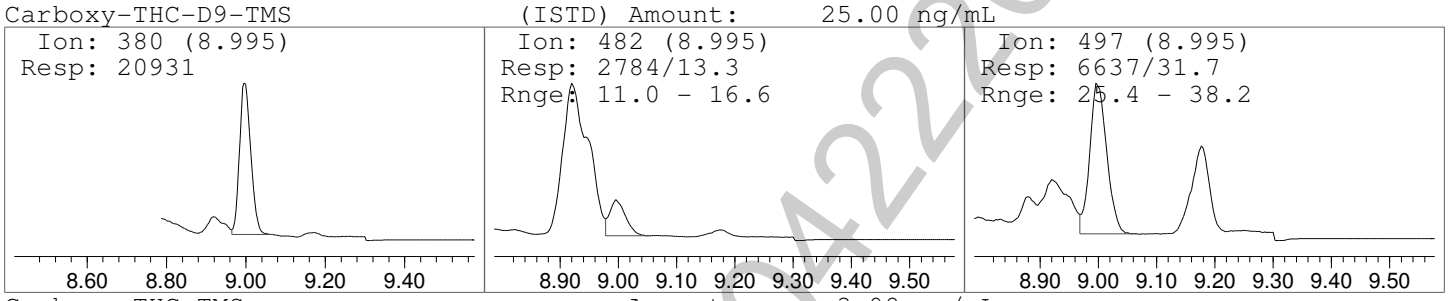


Quantitation Report (QT Reviewed)

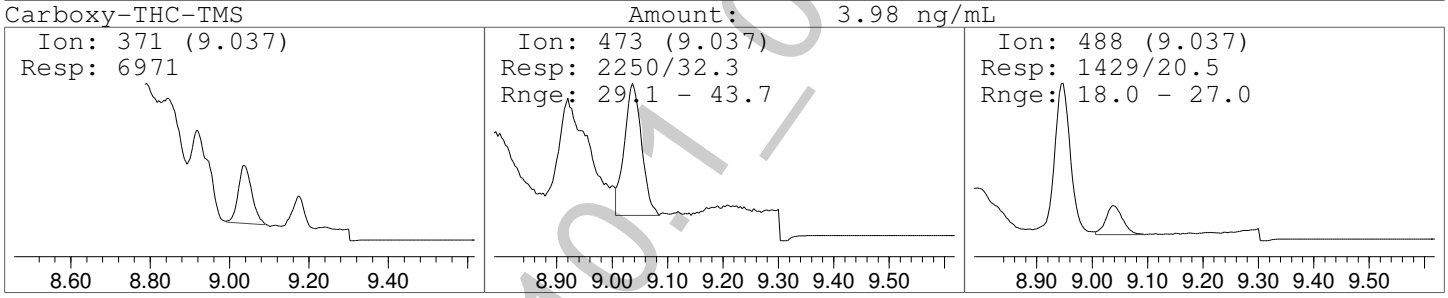
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 2.D
Acq On : 22 Apr 2015 16:34
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 3 Sample Multiplier: 1



Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 3.98 ng/mL



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 3.D
Acq On : 22 Apr 2015 16:48
Operator : Pocatello Laboratory
Sample : Calibrator Level 3: 10 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 23 09:25:06 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

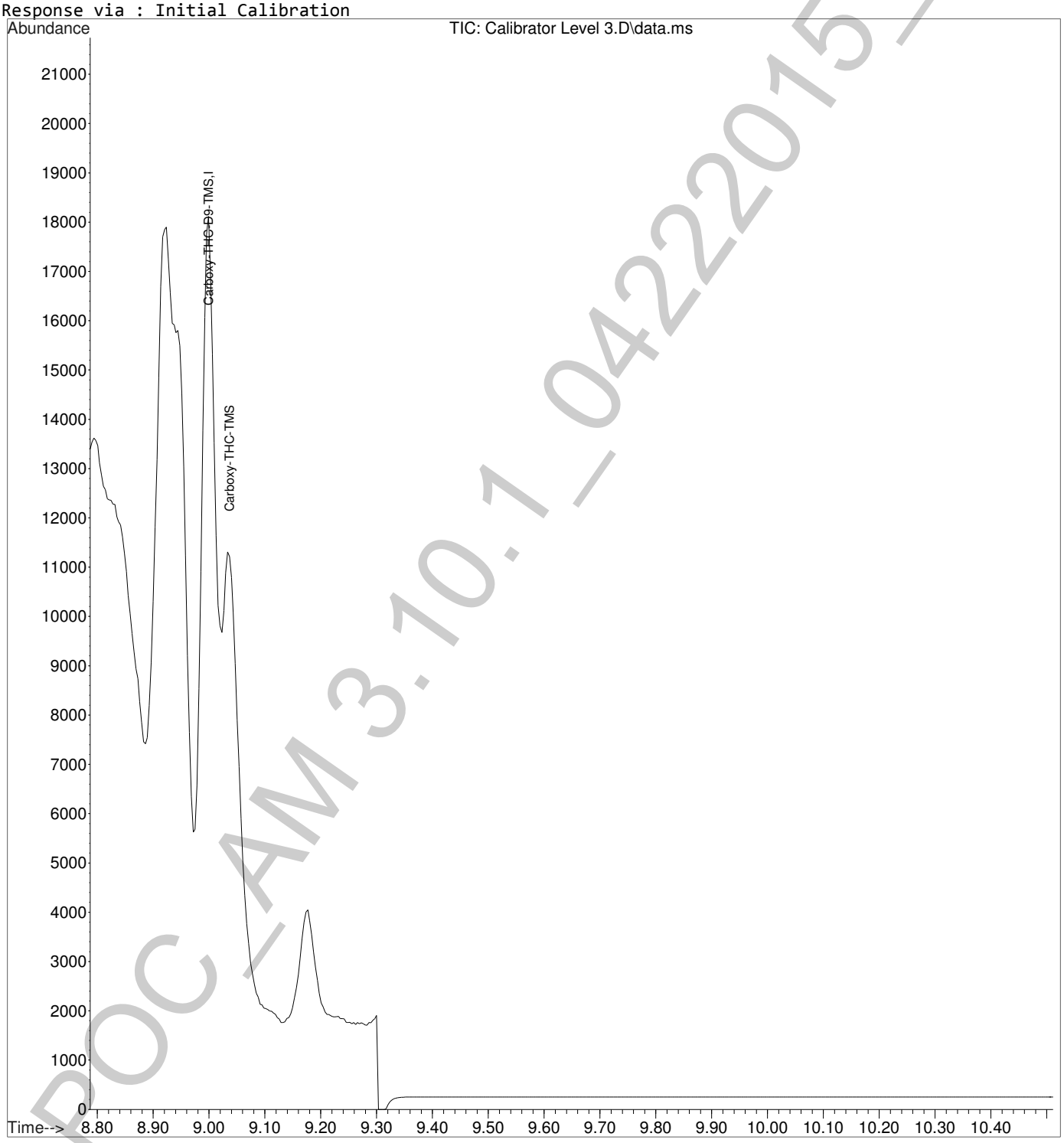
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.999	380	19879	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.037	371	11726	10.64	ng/mL	100

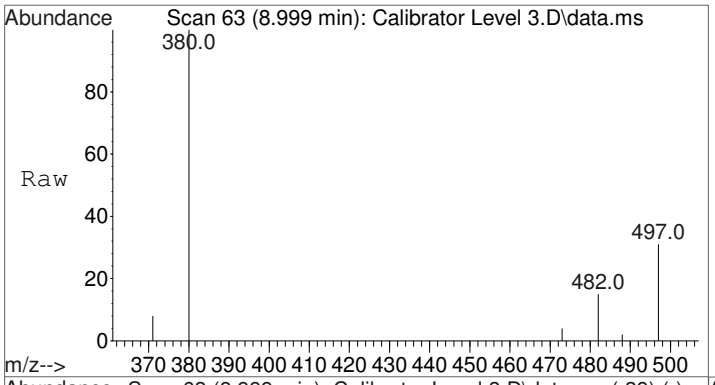
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 3.D
Acq On : 22 Apr 2015 16:48
Operator : Pocatello Laboratory
Sample : Calibrator Level 3: 10 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 23 09:25:06 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

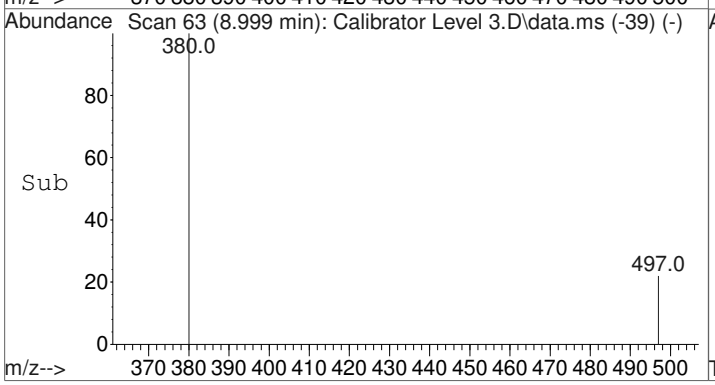


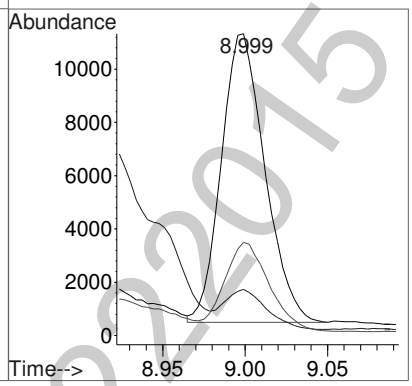


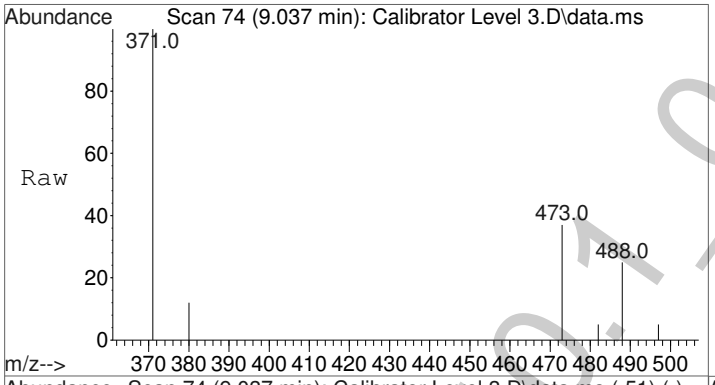
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.999 min Scan# 63
Delta R.T. 0.003 min
Lab File: Calibrator Level 3.D
Acq: 22 Apr 2015 16:48

Tgt Ion:380 Resp: 19879

Ion	Ratio	Lower	Upper
380	100		
482	13.8	11.0	16.6
497	31.8	25.4	38.2



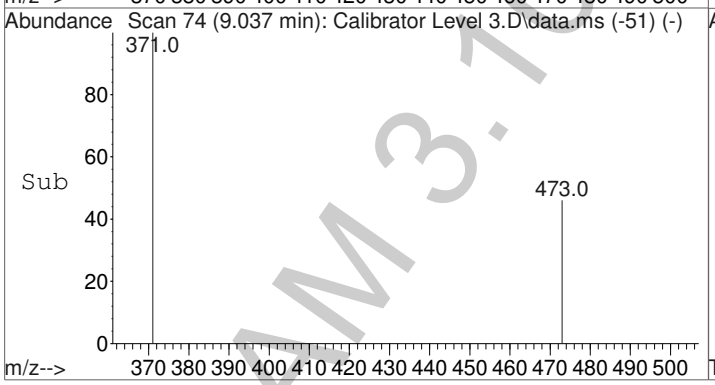


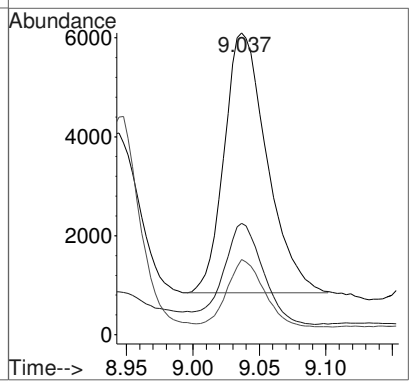


#2
Carboxy-THC-TMS
Concen: 10.64 ng/mL
RT: 9.037 min Scan# 74
Delta R.T. -0.000 min
Lab File: Calibrator Level 3.D
Acq: 22 Apr 2015 16:48

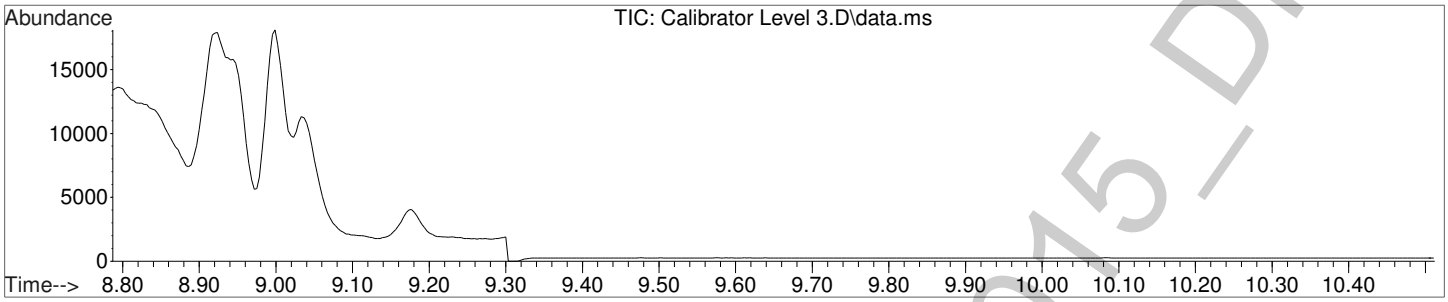
Tgt Ion:371 Resp: 11726

Ion	Ratio	Lower	Upper
371	100		
473	36.4	29.1	43.7
488	22.5	18.0	27.0

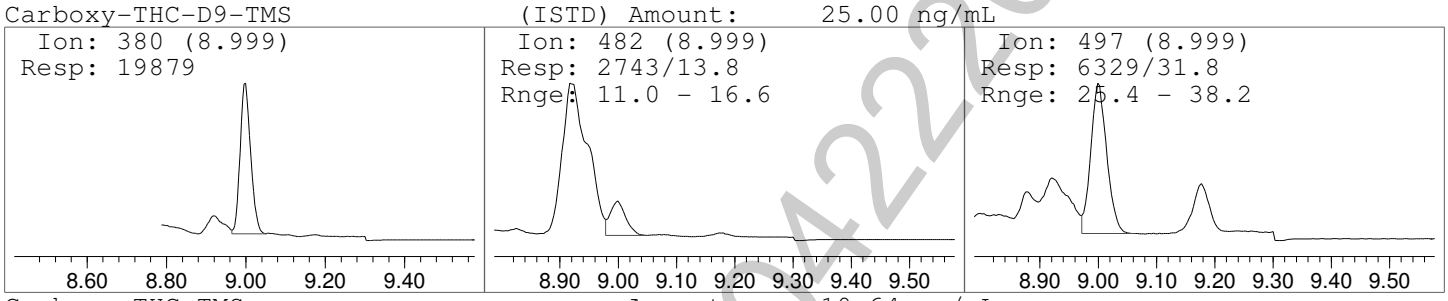




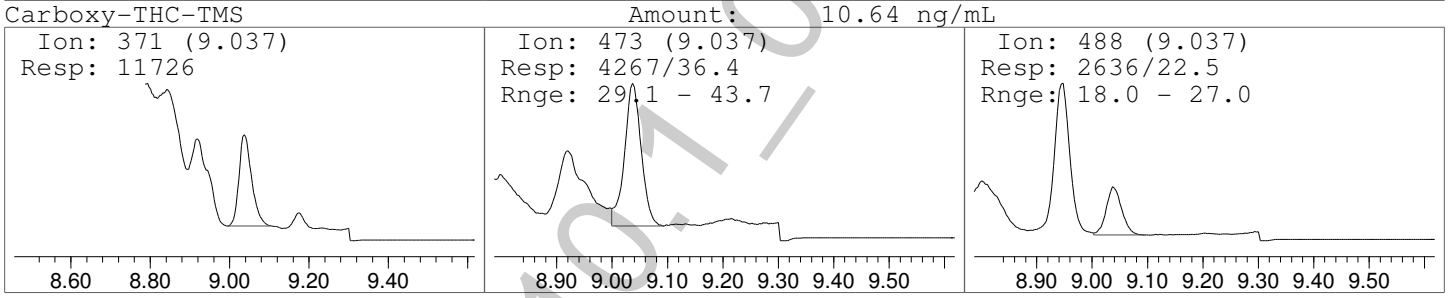
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 3.D
Acq On : 22 Apr 2015 16:48
Operator : Pocatello Laboratory
Sample : Calibrator Level 3: 10 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 4 Sample Multiplier: 1



Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 10.64 ng/mL



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 4.D
Acq On : 22 Apr 2015 17:02
Operator : Pocatello Laboratory
Sample : Calibrator Level 4: 25 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 23 09:25:30 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

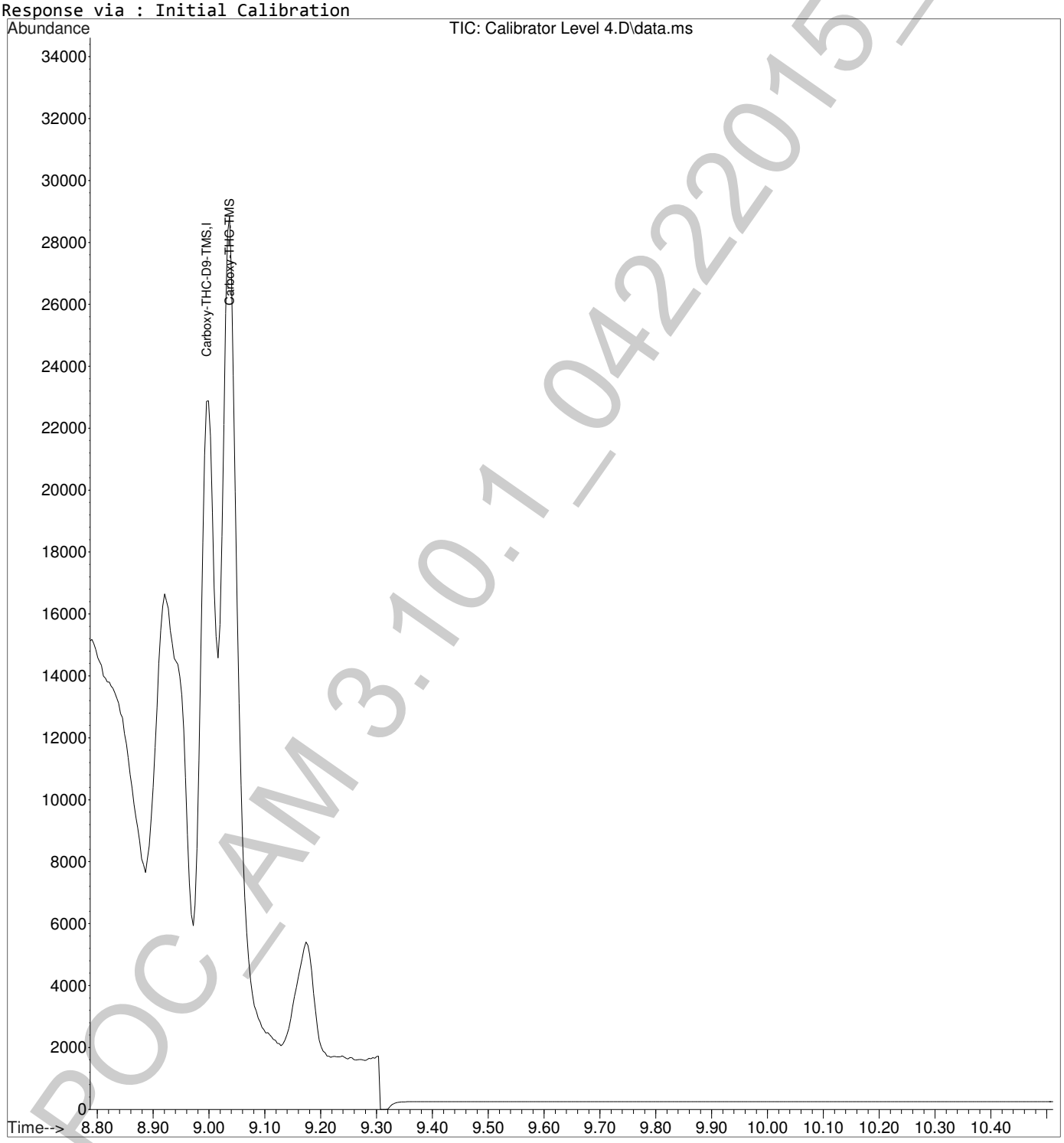
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.996	380	24611	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.037	371	29663	26.59	ng/mL	95

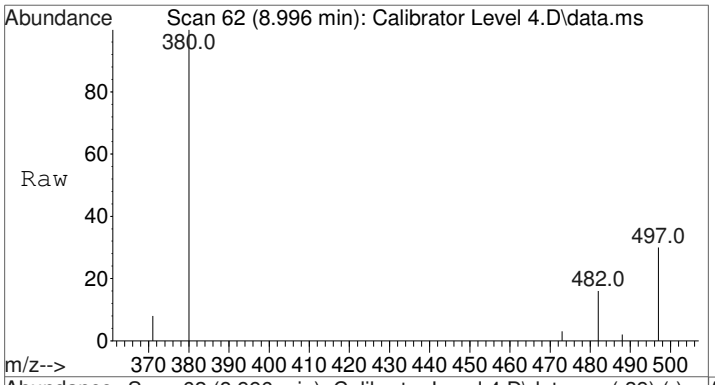
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 4.D
Acq On : 22 Apr 2015 17:02
Operator : Pocatello Laboratory
Sample : Calibrator Level 4: 25 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 23 09:25:30 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

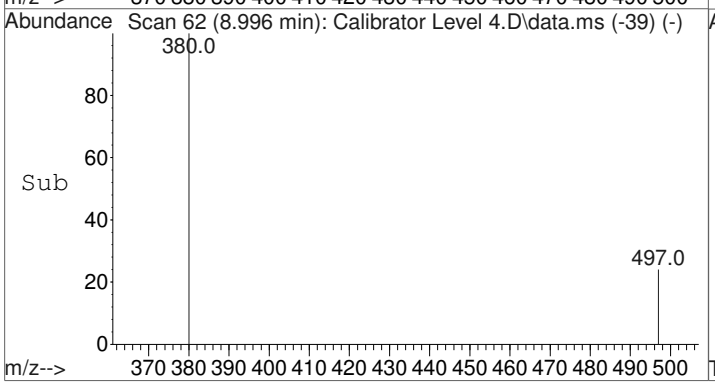


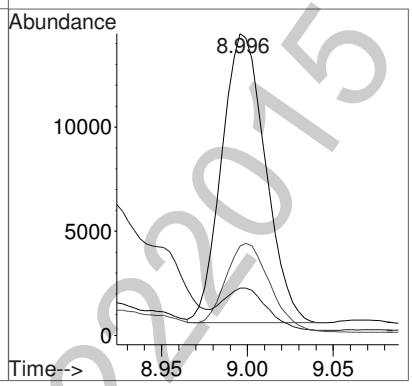


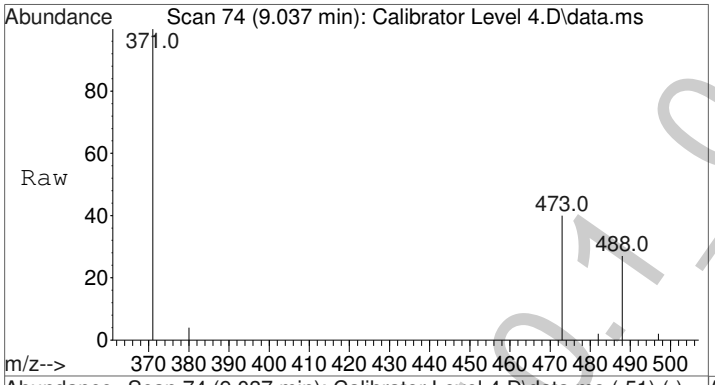
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.996 min Scan# 62
Delta R.T. -0.000 min
Lab File: Calibrator Level 4.D
Acq: 22 Apr 2015 17:02

Tgt Ion:380 Resp: 24611

Ion	Ratio	Lower	Upper
380	100		
482	14.9	11.0	16.6
497	32.5	25.4	38.2



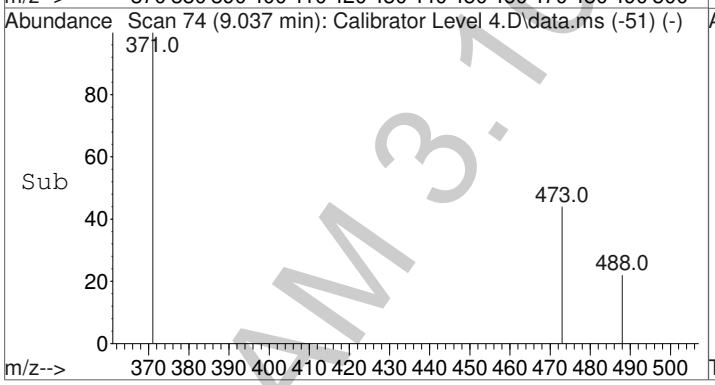


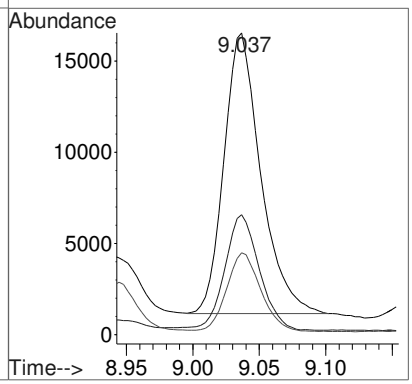


#2
Carboxy-THC-TMS
Concen: 26.59 ng/mL
RT: 9.037 min Scan# 74
Delta R.T. -0.000 min
Lab File: Calibrator Level 4.D
Acq: 22 Apr 2015 17:02

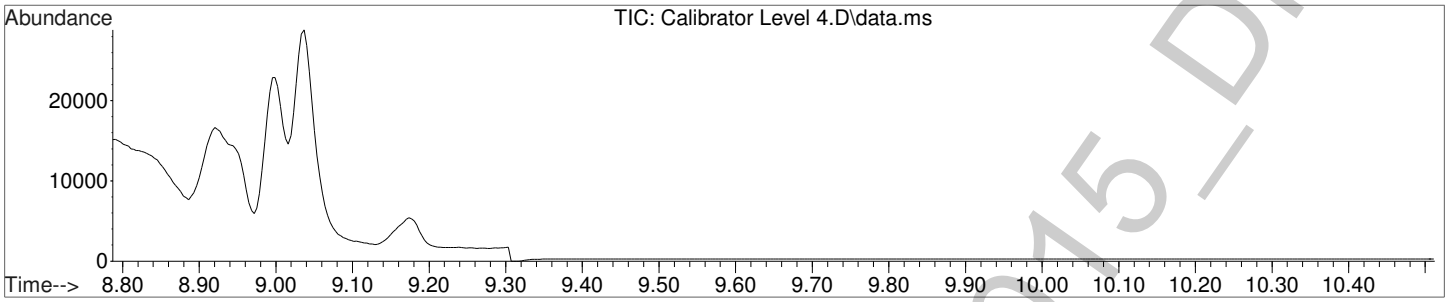
Tgt Ion:371 Resp: 29663

Ion	Ratio	Lower	Upper
371	100		
473	38.7	29.1	43.7
488	26.1	18.0	27.0

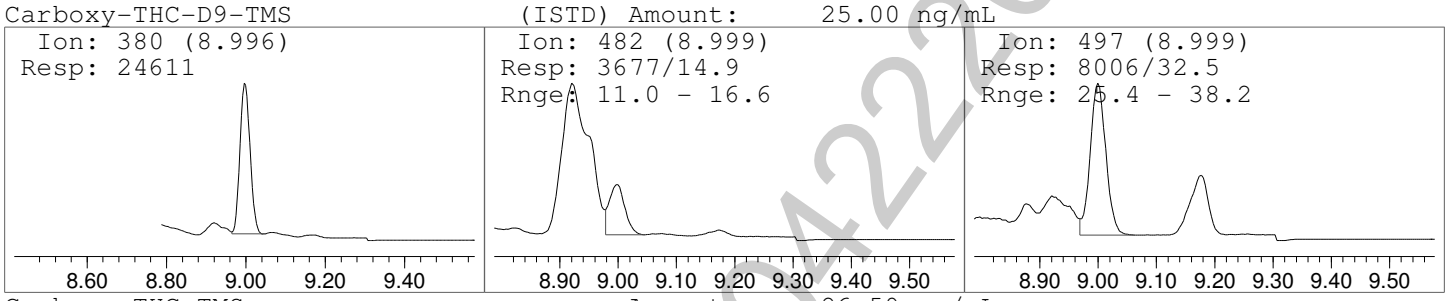




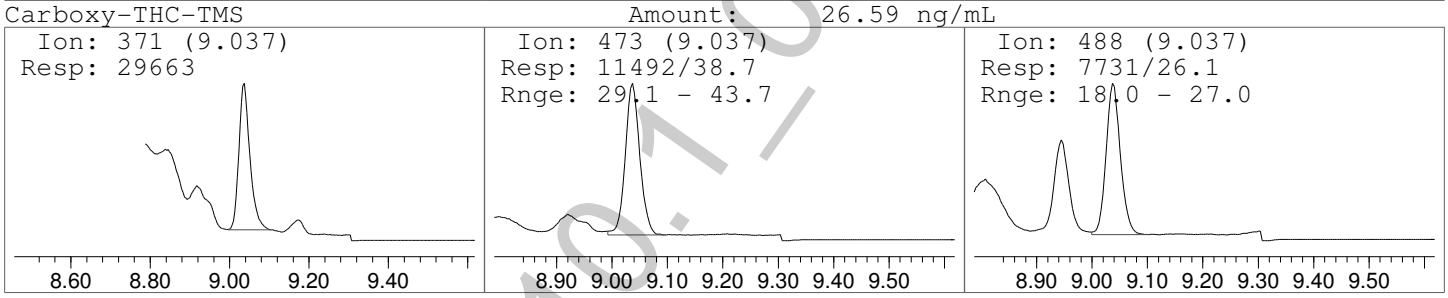
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 4.D
Acq On : 22 Apr 2015 17:02
Operator : Pocatello Laboratory
Sample : Calibrator Level 4: 25 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 5 Sample Multiplier: 1



Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 26.59 ng/mL



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 5.D
Acq On : 22 Apr 2015 17:17
Operator : Pocatello Laboratory
Sample : Calibrator Level 5: 50 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 23 09:25:54 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

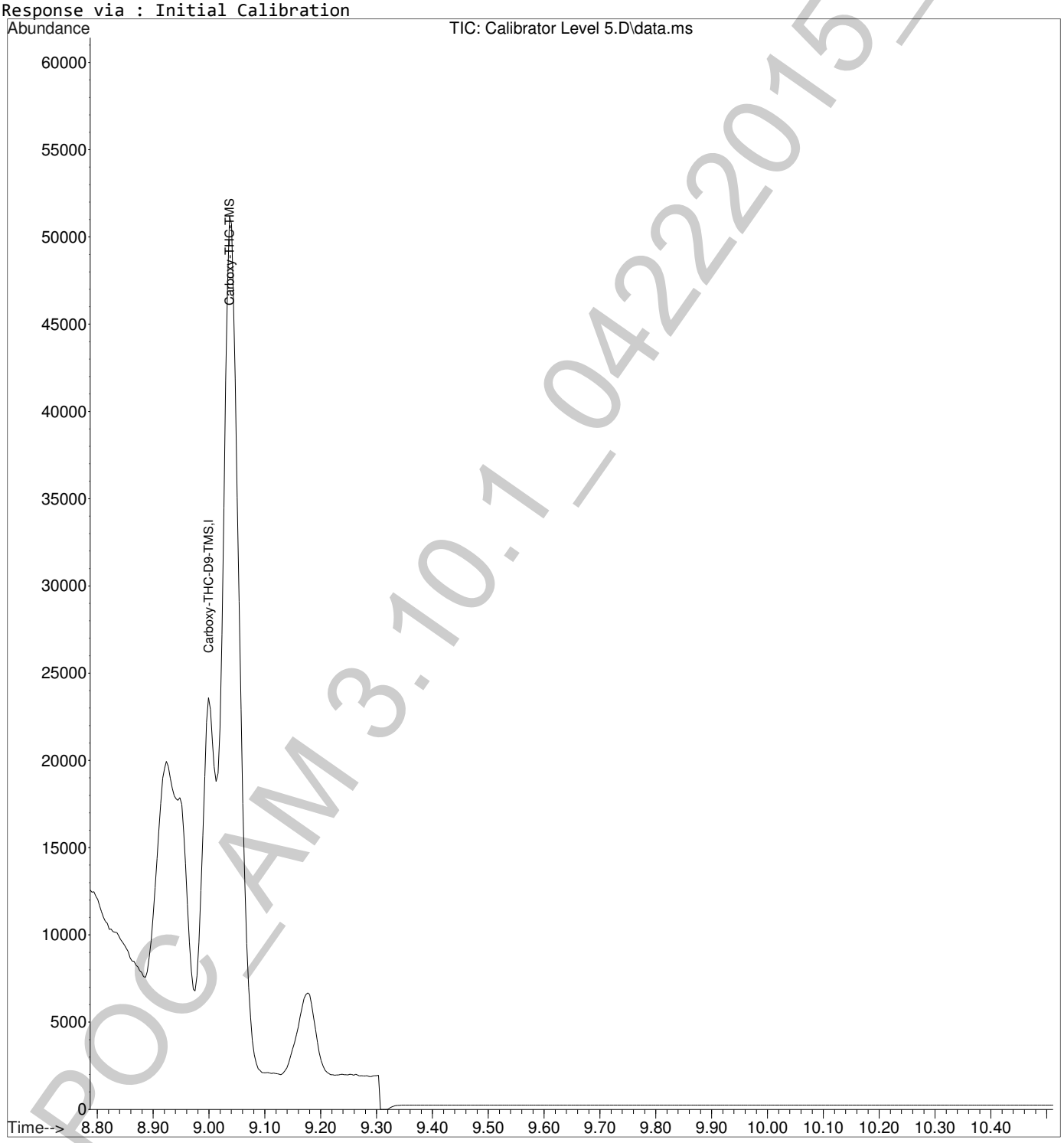
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.999	380	27619	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.037	371	55908	47.82	ng/mL# *	91

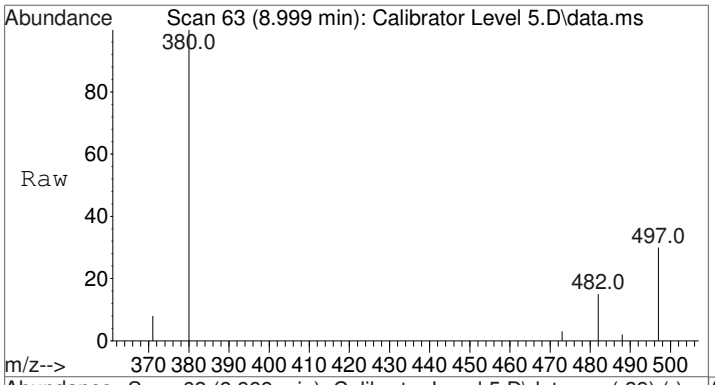
(#) = qualifier out of range (m) = manual integration (+) = signals summed

*Qualifier ion out of range - refer to manual integration.

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 5.D
Acq On : 22 Apr 2015 17:17
Operator : Pocatello Laboratory
Sample : Calibrator Level 5: 50 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 23 09:25:54 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

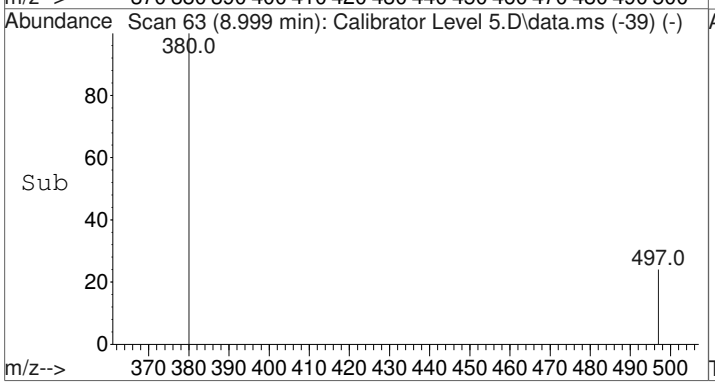


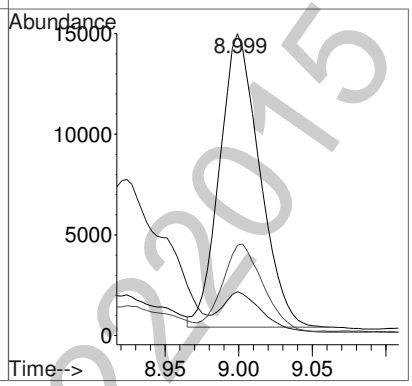


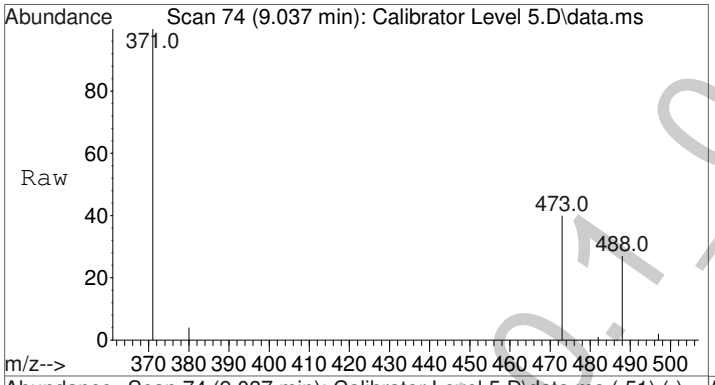
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.999 min Scan# 63
Delta R.T. 0.003 min
Lab File: Calibrator Level 5.D
Acq: 22 Apr 2015 17:17

Tgt Ion:380 Resp: 27619

Ion	Ratio	Lower	Upper
380	100		
482	13.2	11.0	16.6
497	30.8	25.4	38.2



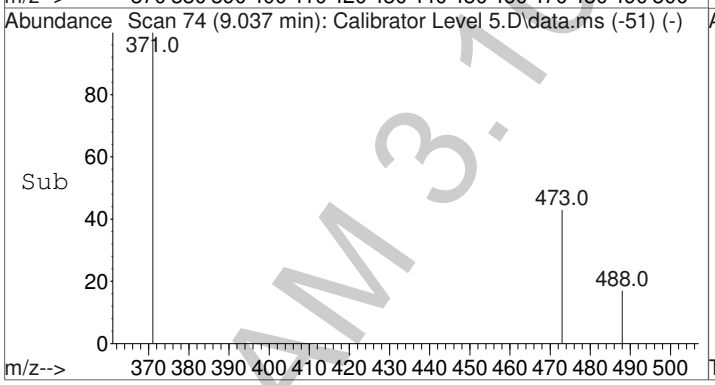


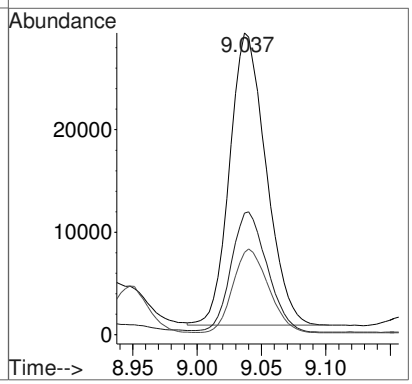


#2
Carboxy-THC-TMS
Concen: 47.82 ng/mL
RT: 9.037 min Scan# 74
Delta R.T. -0.000 min
Lab File: Calibrator Level 5.D
Acq: 22 Apr 2015 17:17

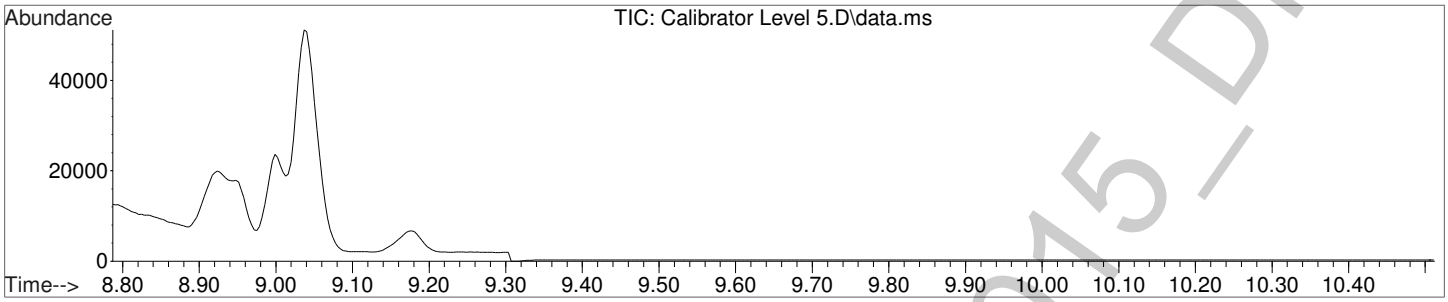
Tgt Ion:371 Resp: 55908

Ion	Ratio	Lower	Upper
371	100		
473	40.9	29.1	43.7
488	28.1	18.0	27.0#

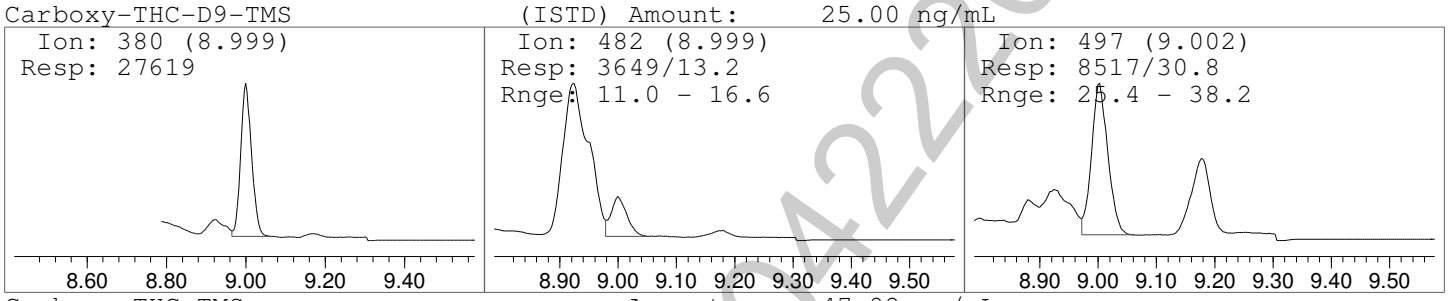




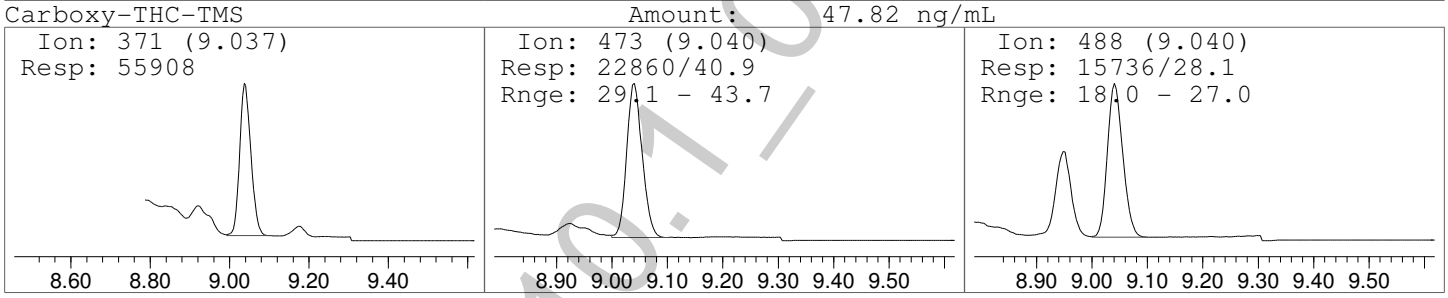
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 5.D
Acq On : 22 Apr 2015 17:17
Operator : Pocatello Laboratory
Sample : Calibrator Level 5: 50 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 6 Sample Multiplier: 1



Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 47.82 ng/mL



Quantitation Report (QT Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 5.D
Acq On : 22 Apr 2015 17:17
Operator : Pocatello Laboratory
Sample : Calibrator Level 5: 50 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 23 09:25:54 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.999	380	27619	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.037	371	62200m *	53.72	ng/mL	

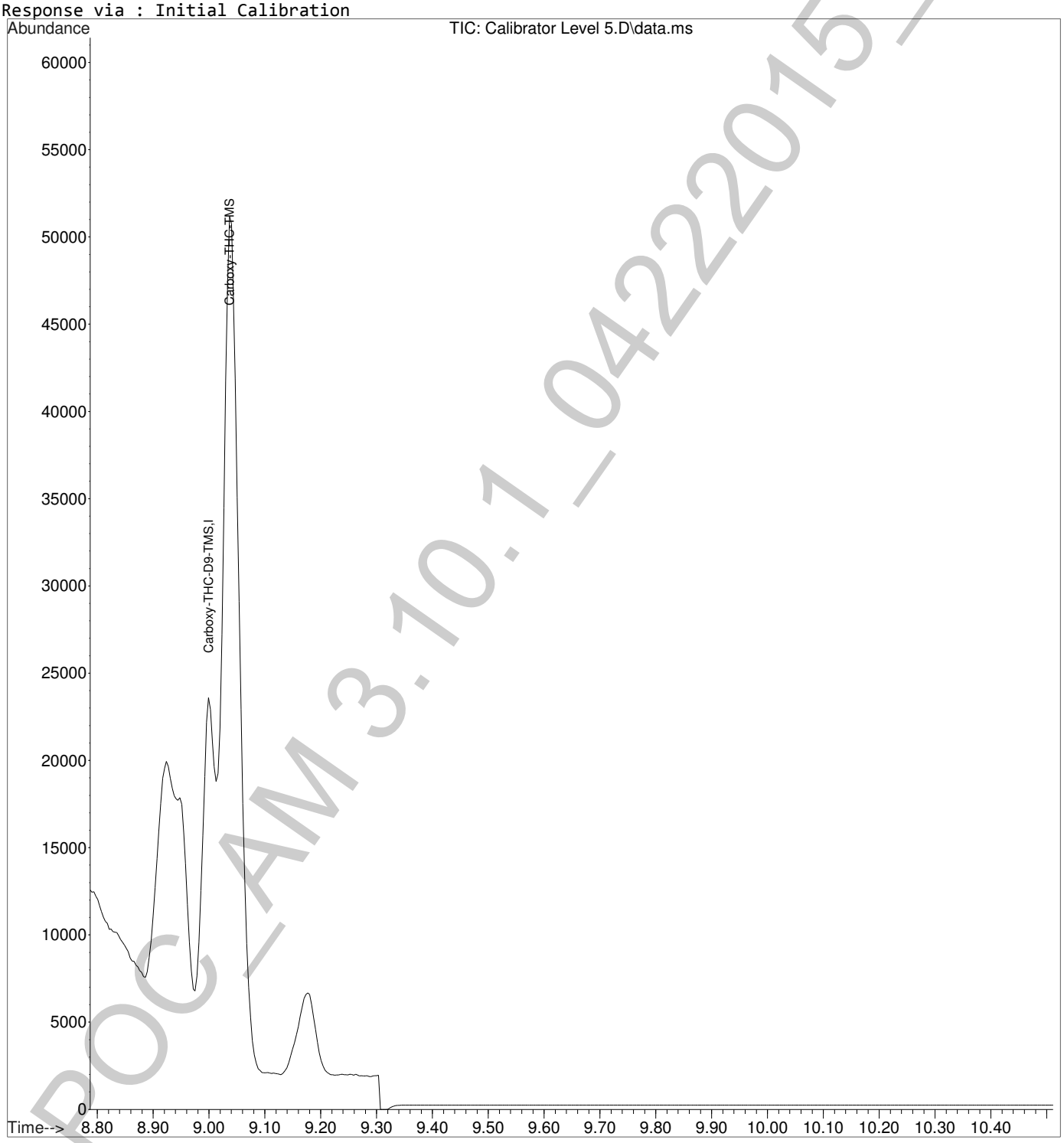
(#) = qualifier out of range (m) = manual integration (+) = signals summed

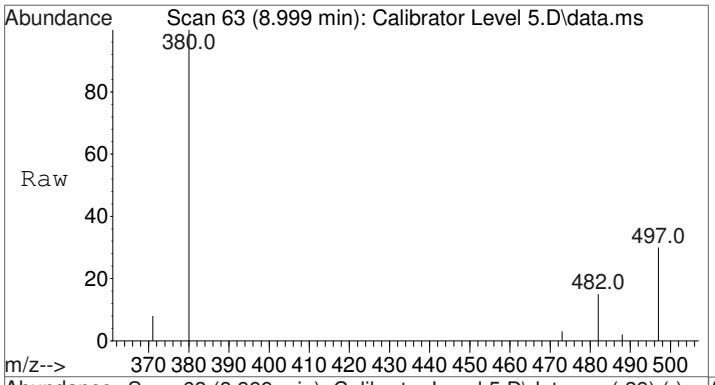
*Manual integration successful.

Quantitation Report (QT Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 5.D
Acq On : 22 Apr 2015 17:17
Operator : Pocatello Laboratory
Sample : Calibrator Level 5: 50 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 23 09:25:54 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

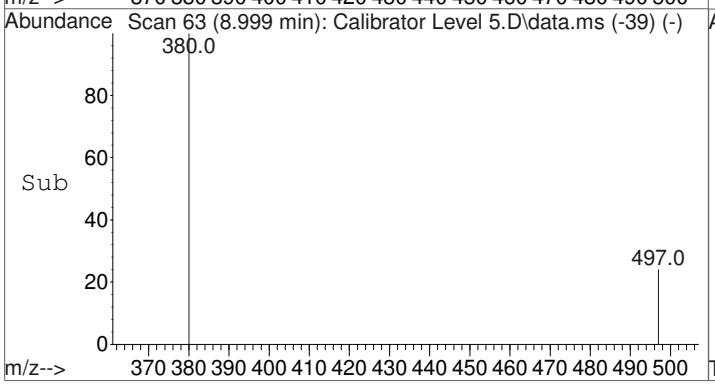


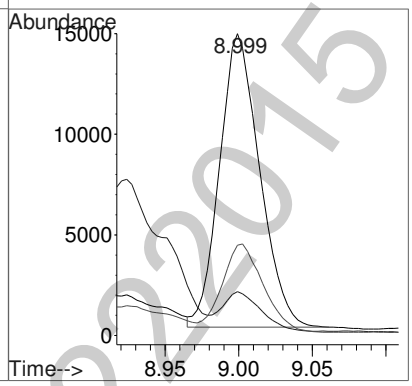


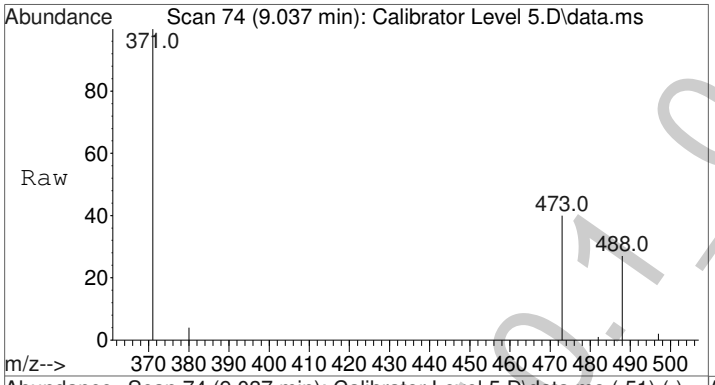
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.999 min Scan# 63
Delta R.T. 0.003 min
Lab File: Calibrator Level 5.D
Acq: 22 Apr 2015 17:17

Tgt Ion:380 Resp: 27619

Ion	Ratio	Lower	Upper
380	100		
482	13.2	11.0	16.6
497	30.8	25.4	38.2



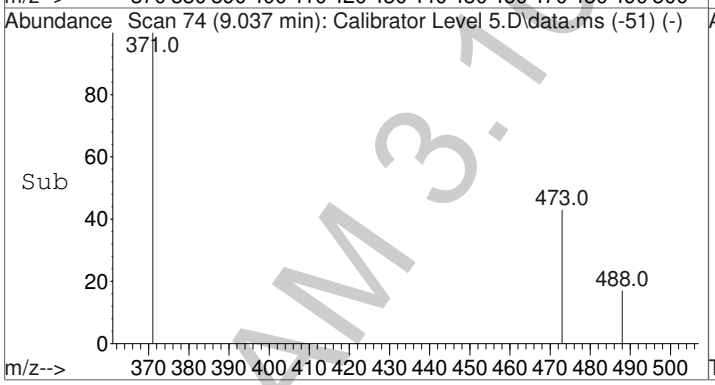


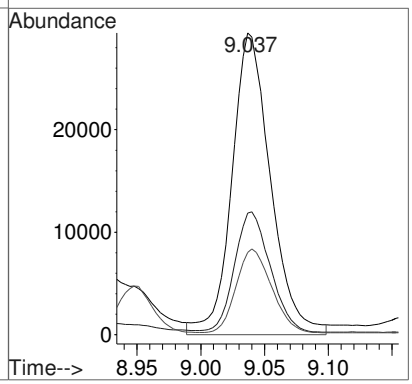


#2
Carboxy-THC-TMS
Concen: 53.72 ng/mL m
RT: 9.037 min Scan# 74
Delta R.T. -0.000 min
Lab File: Calibrator Level 5.D
Acq: 22 Apr 2015 17:17

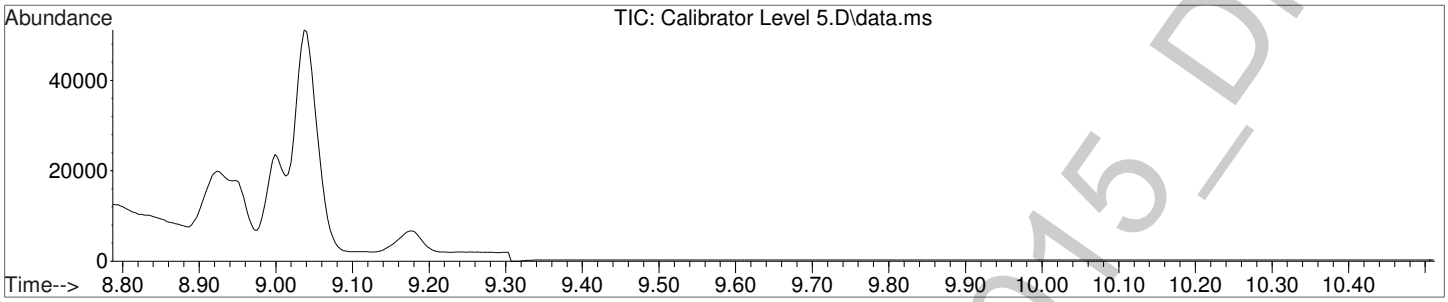
Tgt Ion:371 Resp: 62200

Ion	Ratio	Lower	Upper
371	100		
473	36.8	29.1	43.7
488	25.3	18.0	27.0

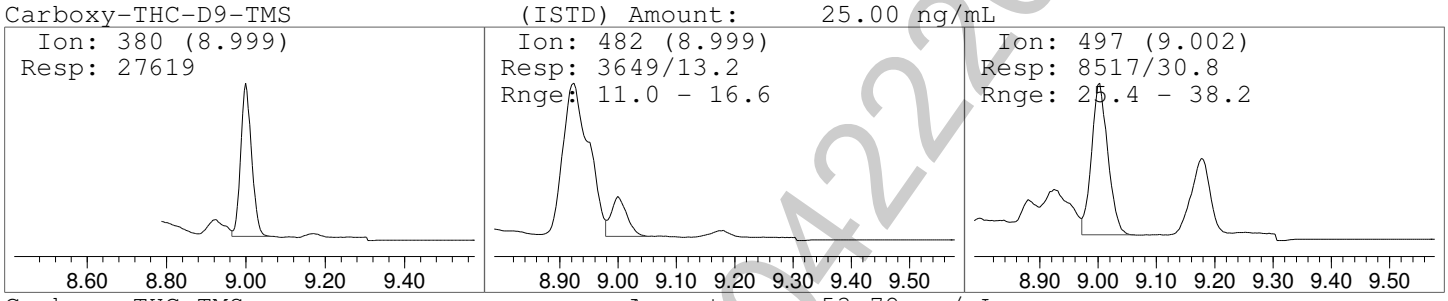




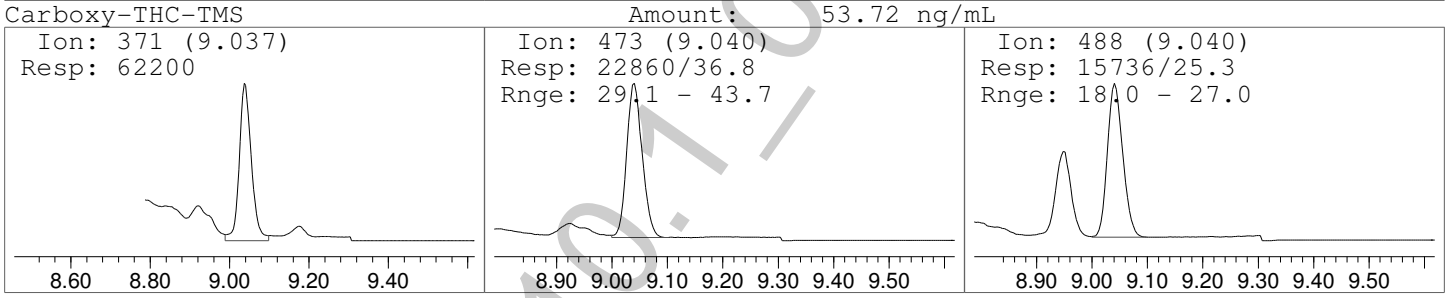
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 5.D
Acq On : 22 Apr 2015 17:17
Operator : Pocatello Laboratory
Sample : Calibrator Level 5: 50 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 6 Sample Multiplier: 1



Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 53.72 ng/mL



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 6.D
Acq On : 22 Apr 2015 17:31
Operator : Pocatello Laboratory
Sample : Calibrator Level 6: 100 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 23 09:26:50 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.995	380	20136	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.036	371	81805	100.64	ng/mL	#* 89

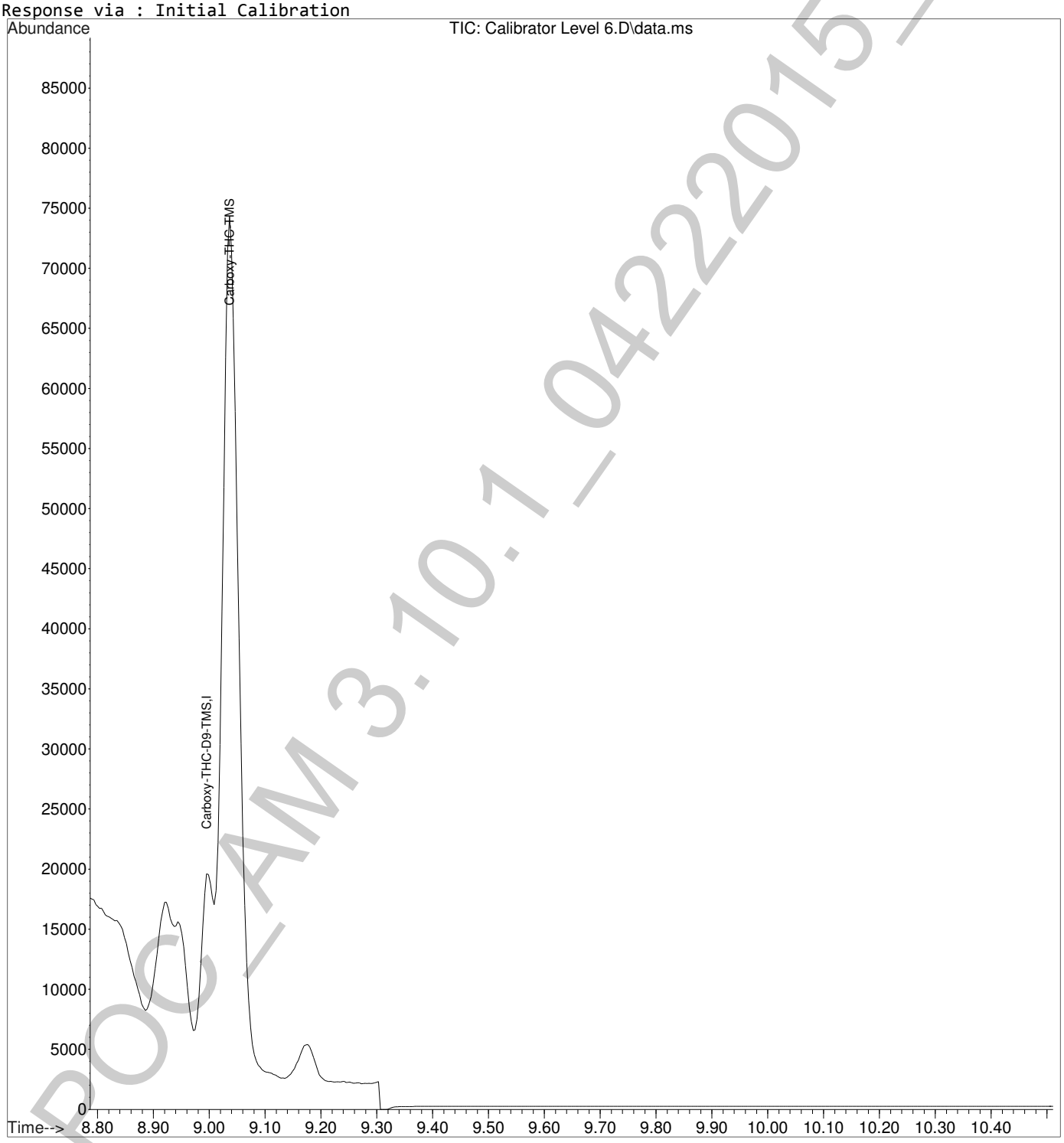
(#) = qualifier out of range (m) = manual integration (+) = signals summed

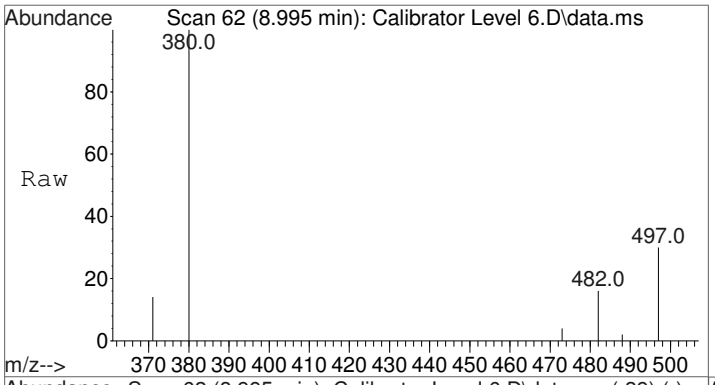
*Qualifier ion out of range - refer to manual integration.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 6.D
Acq On : 22 Apr 2015 17:31
Operator : Pocatello Laboratory
Sample : Calibrator Level 6: 100 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 23 09:26:50 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

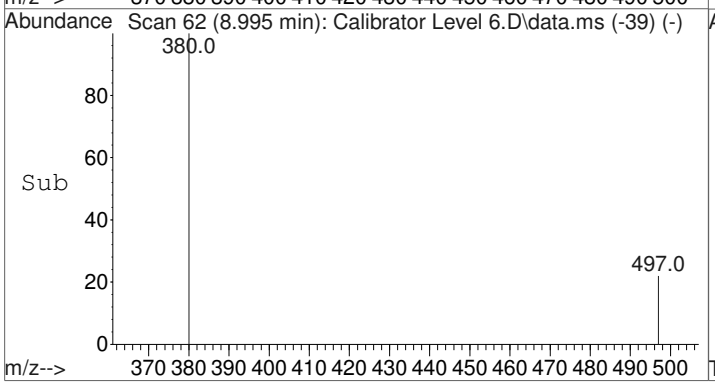


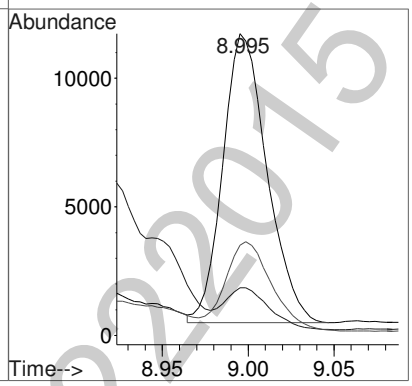


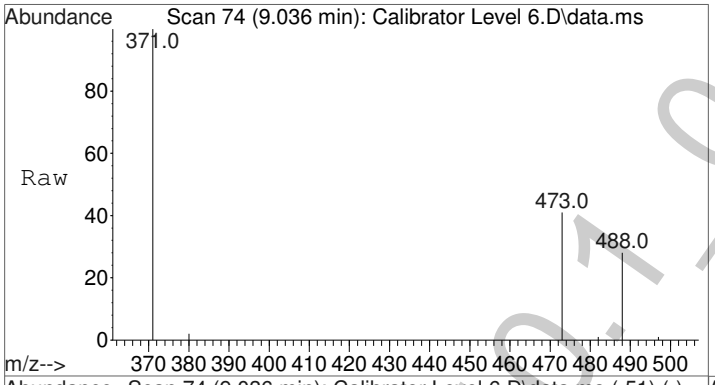
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.995 min Scan# 62
Delta R.T. -0.001 min
Lab File: Calibrator Level 6.D
Acq: 22 Apr 2015 17:31

Tgt Ion:380 Resp: 20136

Ion	Ratio	Lower	Upper
380	100		
482	14.9	11.0	16.6
497	32.8	25.4	38.2



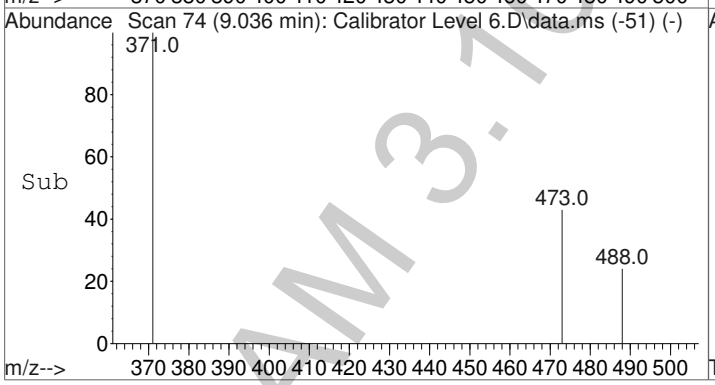


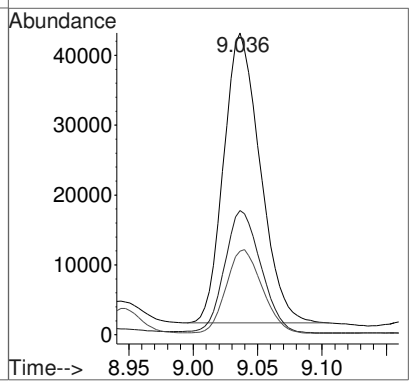


#2
Carboxy-THC-TMS
Concen: 100.64 ng/mL
RT: 9.036 min Scan# 74
Delta R.T. -0.001 min
Lab File: Calibrator Level 6.D
Acq: 22 Apr 2015 17:31

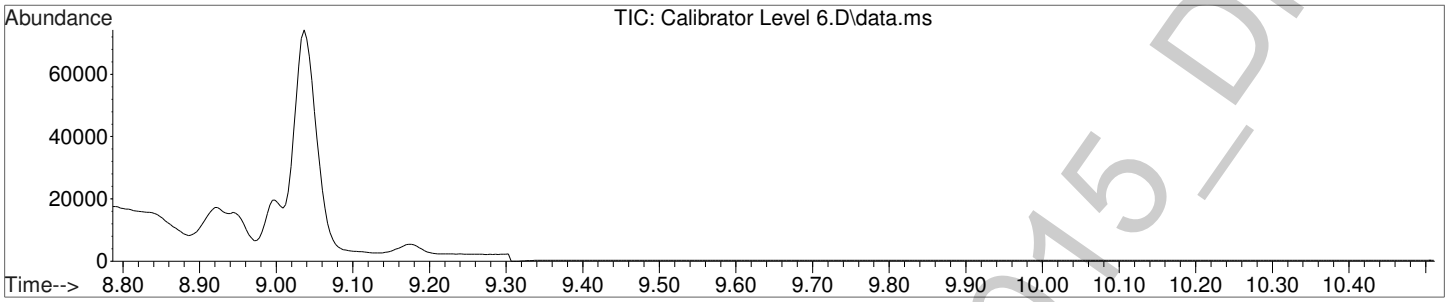
Tgt Ion:371 Resp: 81805

Ion	Ratio	Lower	Upper
371	100		
473	42.1	29.1	43.7
488	28.6	18.0	27.0#

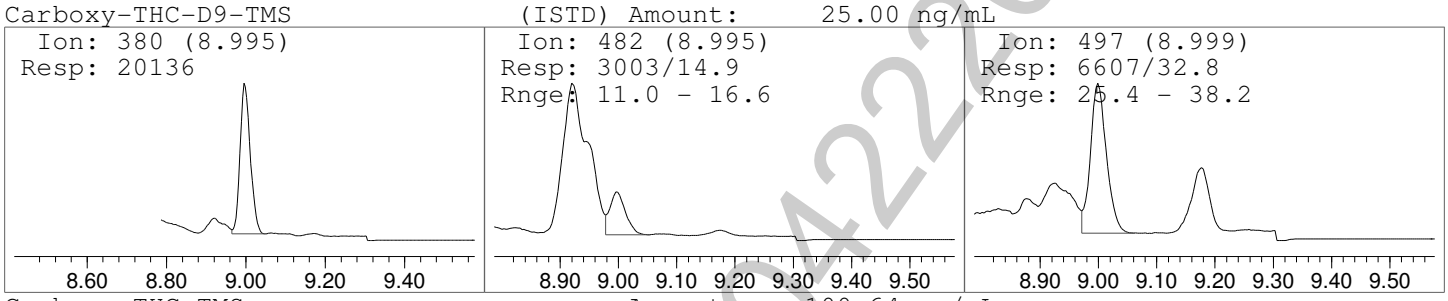




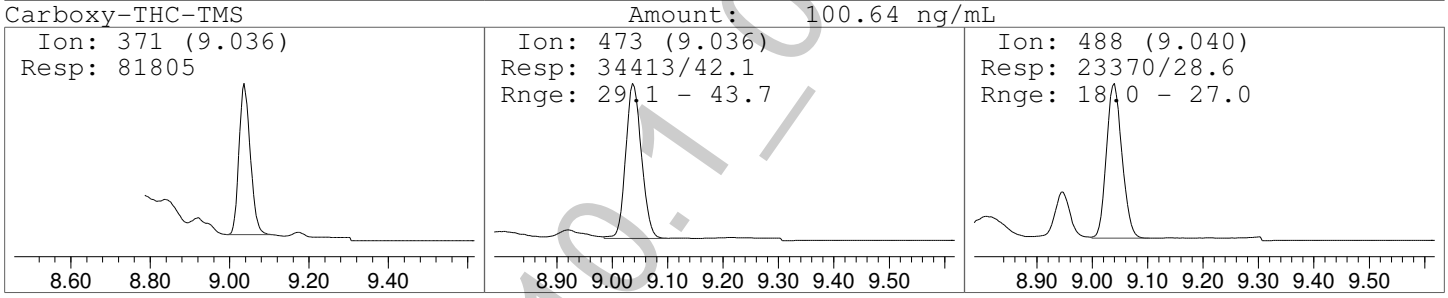
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 6.D
Acq On : 22 Apr 2015 17:31
Operator : Pocatello Laboratory
Sample : Calibrator Level 6: 100 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 7 Sample Multiplier: 1



Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 100.64 ng/mL



Quantitation Report (QT Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 6.D
Acq On : 22 Apr 2015 17:31
Operator : Pocatello Laboratory
Sample : Calibrator Level 6: 100 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 23 09:26:50 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.995	380	20136	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.036	371	91818m	* 113.53	ng/mL	

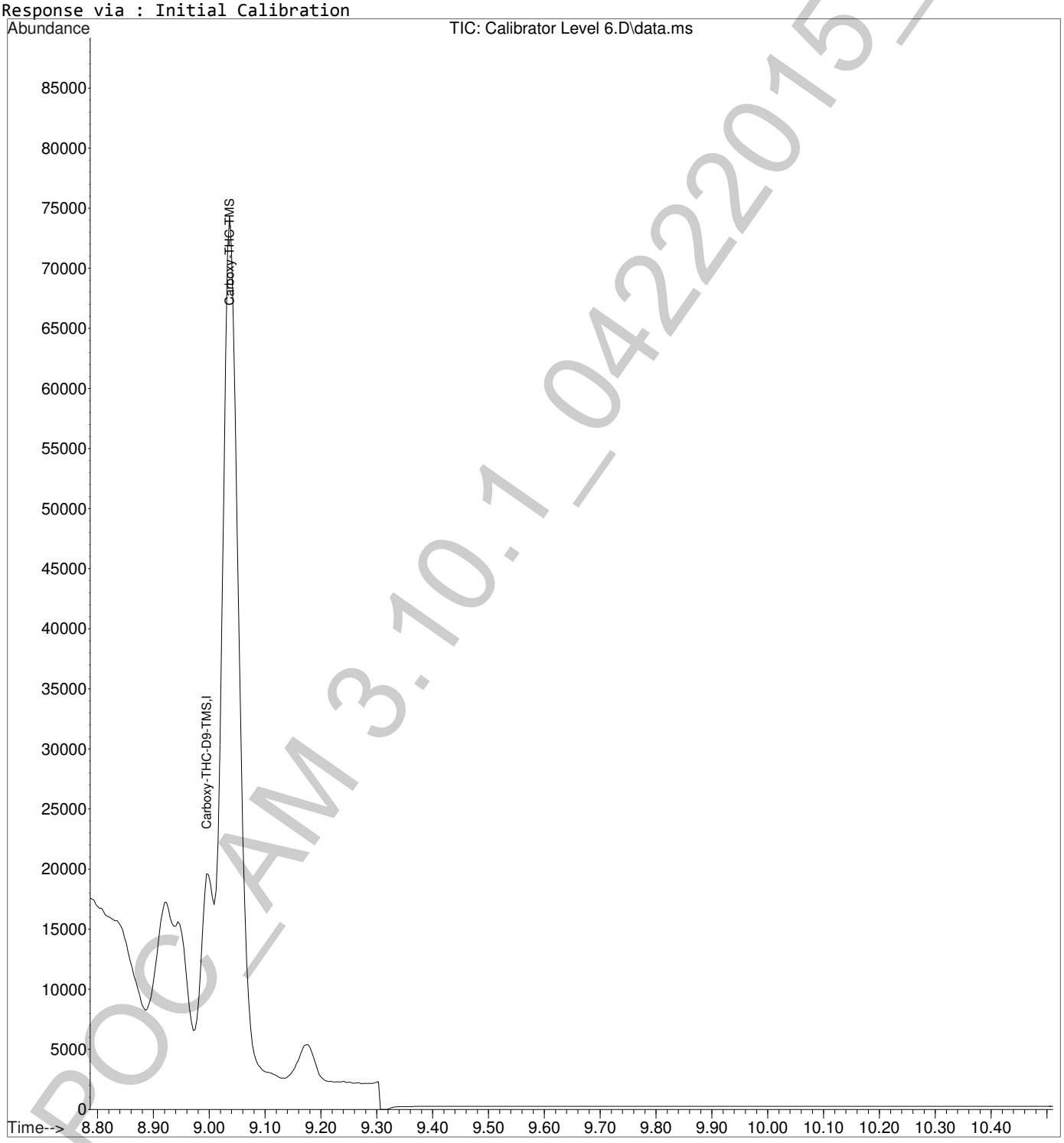
(#) = qualifier out of range (m) = manual integration (+) = signals summed

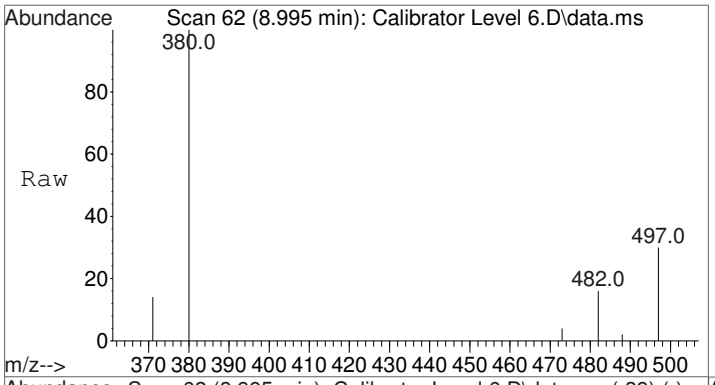
*Manual integration successful.

Quantitation Report (QT Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 6.D
Acq On : 22 Apr 2015 17:31
Operator : Pocatello Laboratory
Sample : Calibrator Level 6: 100 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 23 09:26:50 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

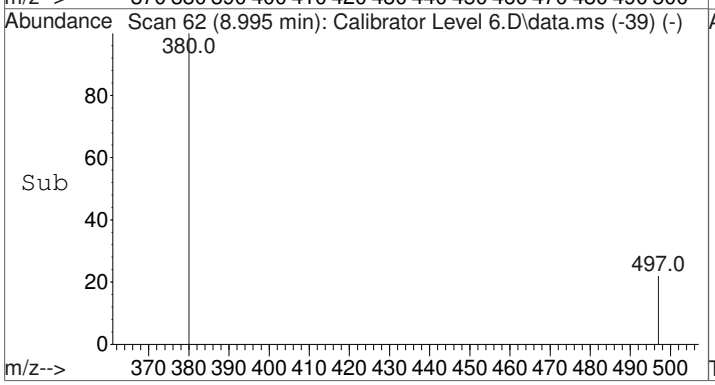


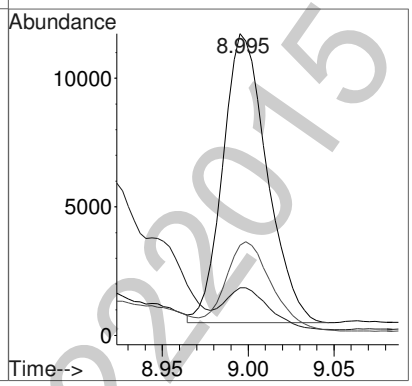


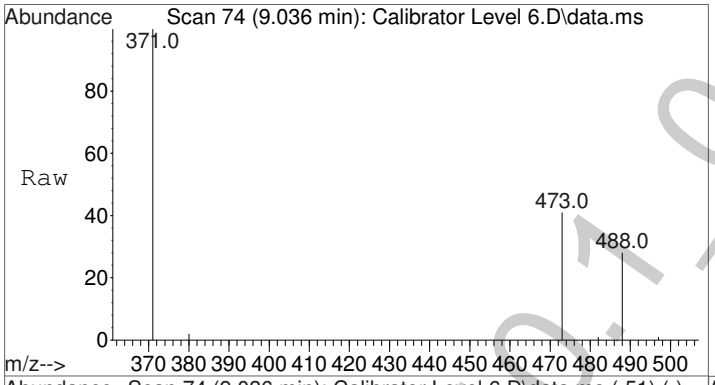
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.995 min Scan# 62
Delta R.T. -0.001 min
Lab File: Calibrator Level 6.D
Acq: 22 Apr 2015 17:31

Tgt Ion:380 Resp: 20136

Ion	Ratio	Lower	Upper
380	100		
482	14.9	11.0	16.6
497	32.8	25.4	38.2



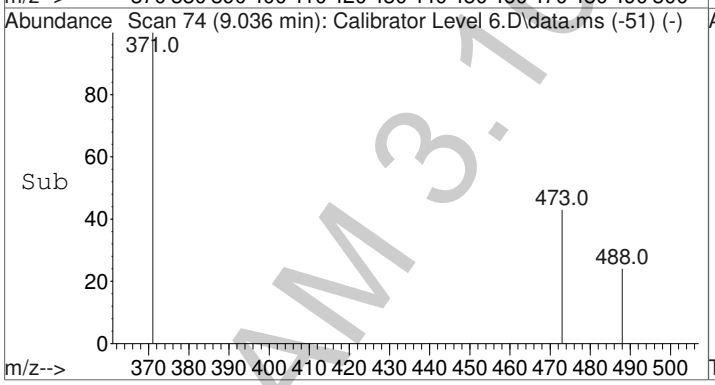


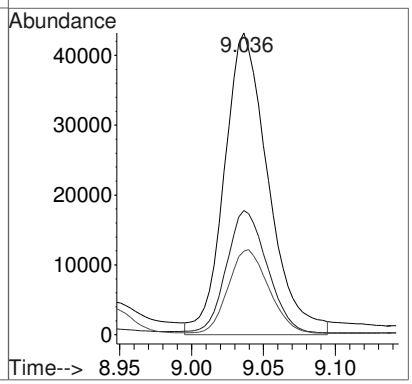


#2
Carboxy-THC-TMS
Concen: 113.53 ng/mL m
RT: 9.036 min Scan# 74
Delta R.T. -0.001 min
Lab File: Calibrator Level 6.D
Acq: 22 Apr 2015 17:31

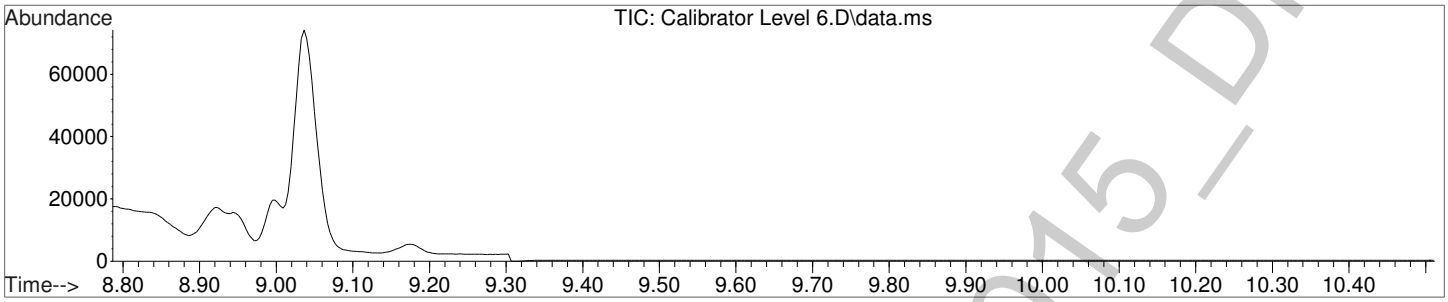
Tgt Ion:371 Resp: 91818

Ion	Ratio	Lower	Upper
371	100		
473	37.5	29.1	43.7
488	25.5	18.0	27.0

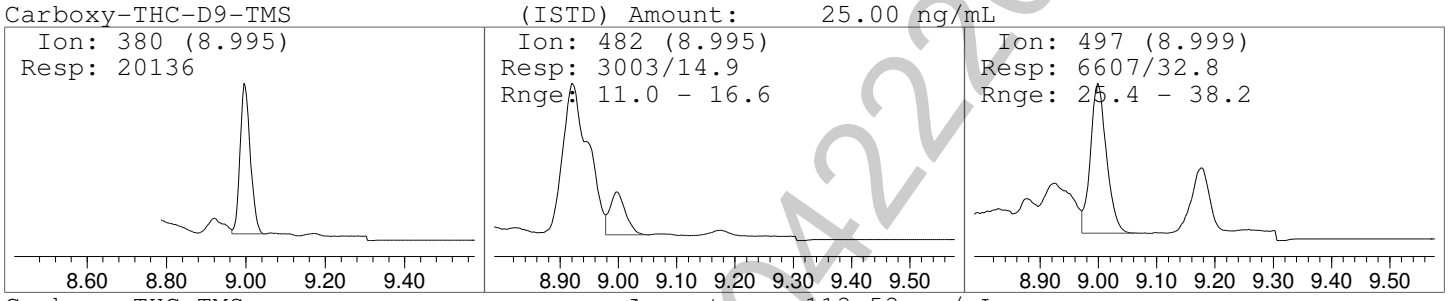




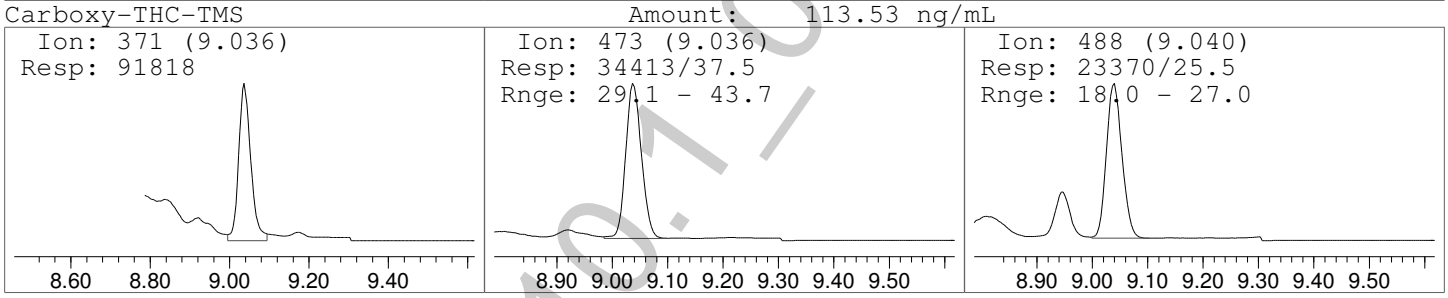
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Calibrator Level 6.D
Acq On : 22 Apr 2015 17:31
Operator : Pocatello Laboratory
Sample : Calibrator Level 6: 100 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 7 Sample Multiplier: 1



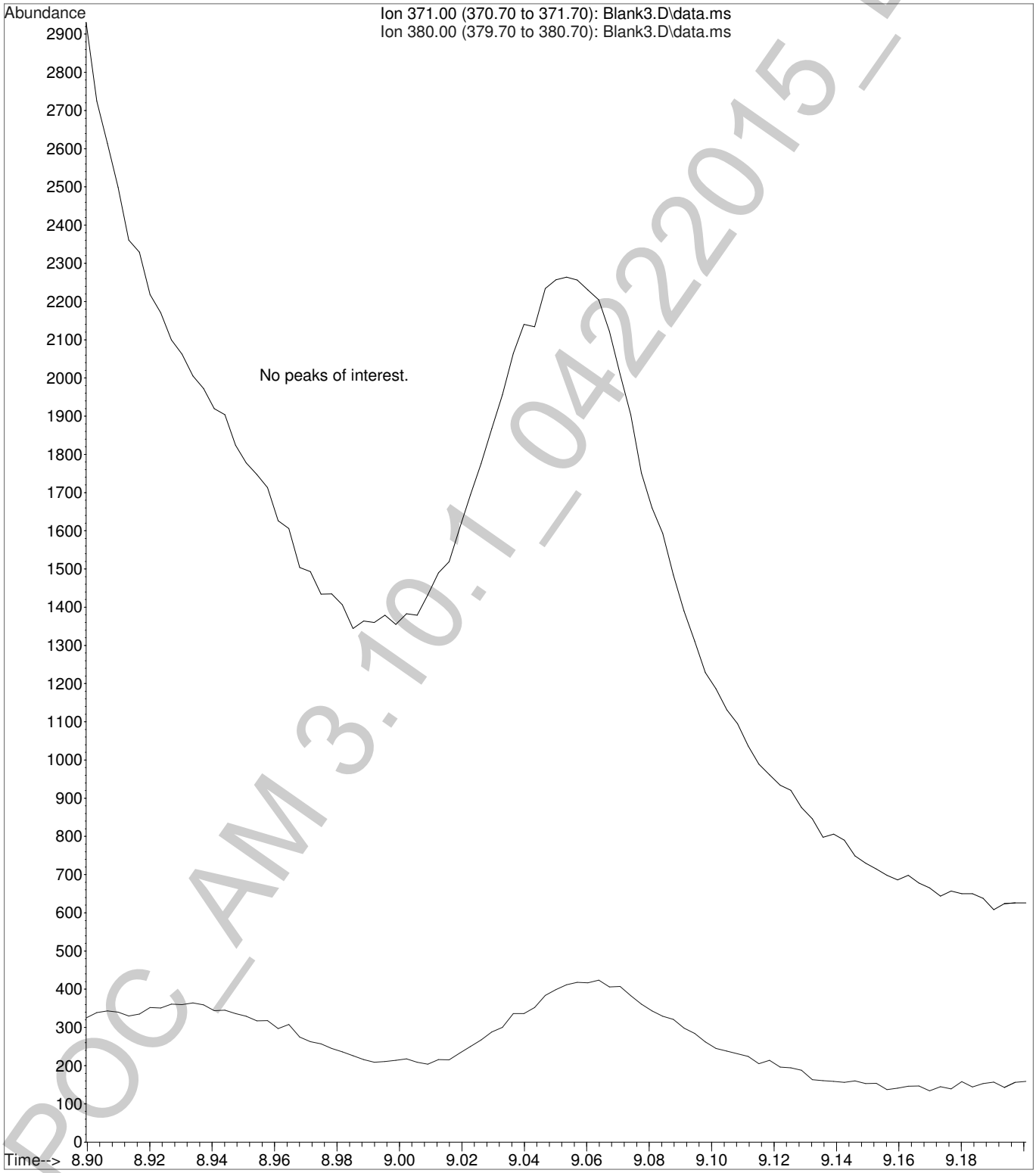
Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



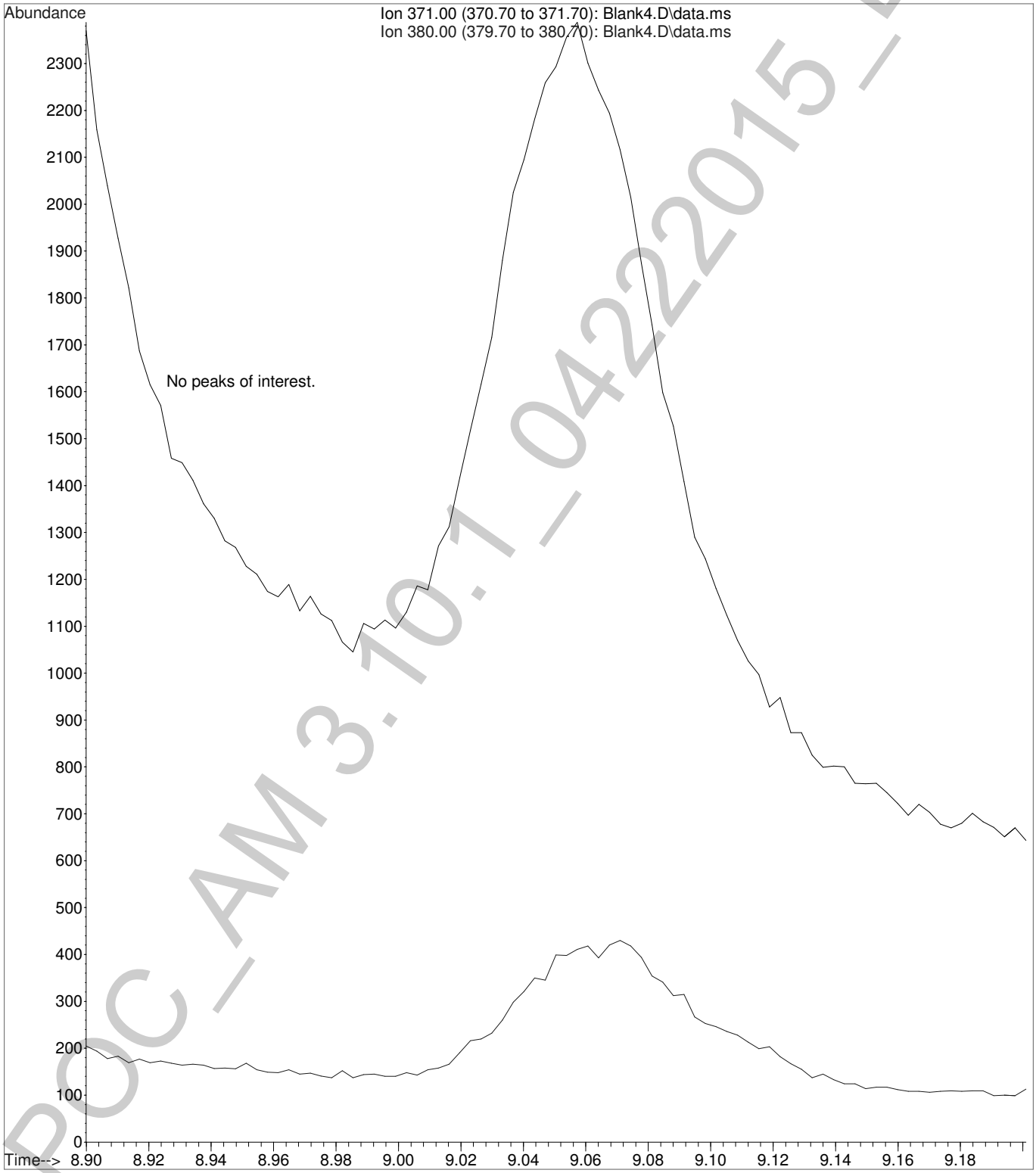
Carboxy-THC-TMS Amount: 113.53 ng/mL



File :C:\gcms\1\data\Blood\042215MJ\Blank3.D
Operator : Pocatello Laboratory
Acquired : 22 Apr 2015 17:45 using AcqMethod CANN-11-10-2010.M
Instrument : Probie
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 97



File :C:\gcms\1\data\Blood\042215MJ\Blank4.D
Operator : Pocatello Laboratory
Acquired : 22 Apr 2015 18:57 using AcqMethod CANN-11-10-2010.M
Instrument : Probie
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 98



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Low Control-1.D
Acq On : 22 Apr 2015 19:11
Operator : Pocatello Laboratory
Sample : Low Control: 6 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 23 09:28:48 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.996	380	25701	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.033	371	7527	2.94	ng/mL *	93

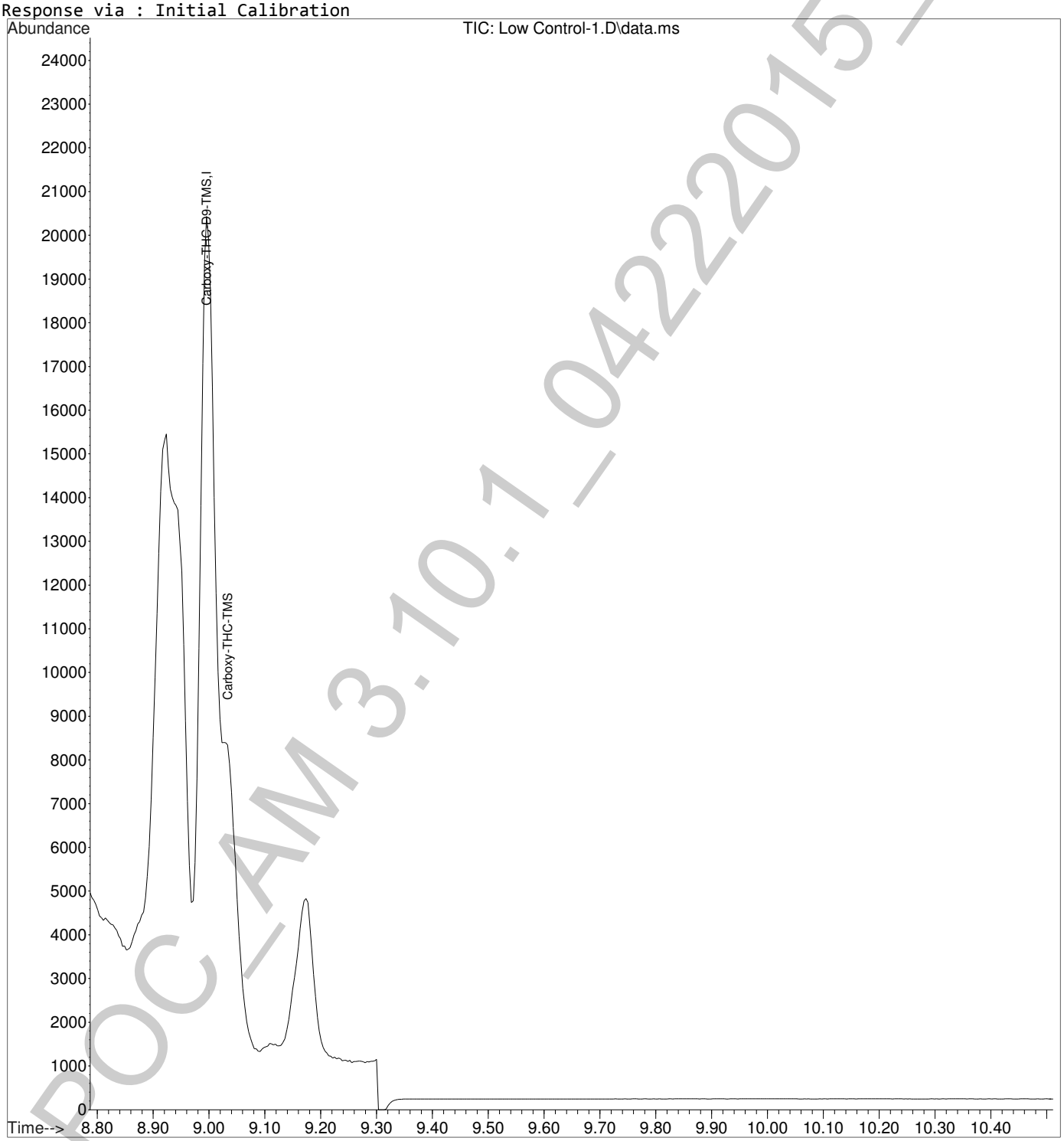
(#) = qualifier out of range (m) = manual integration (+) = signals summed

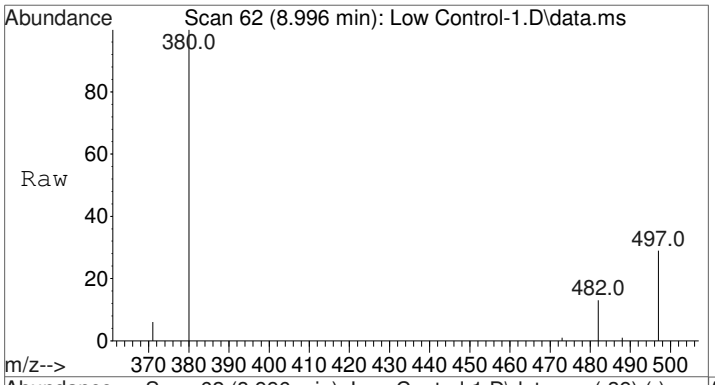
*Quantity below 20% of target value - may be used for qualitative purposes only.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Low Control-1.D
Acq On : 22 Apr 2015 19:11
Operator : Pocatello Laboratory
Sample : Low Control: 6 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 23 09:28:48 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

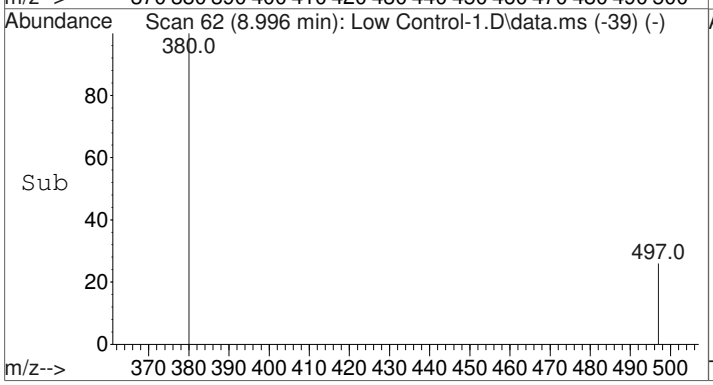


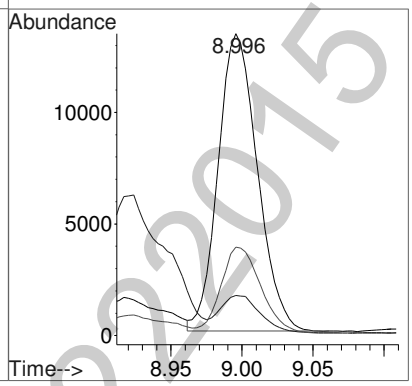


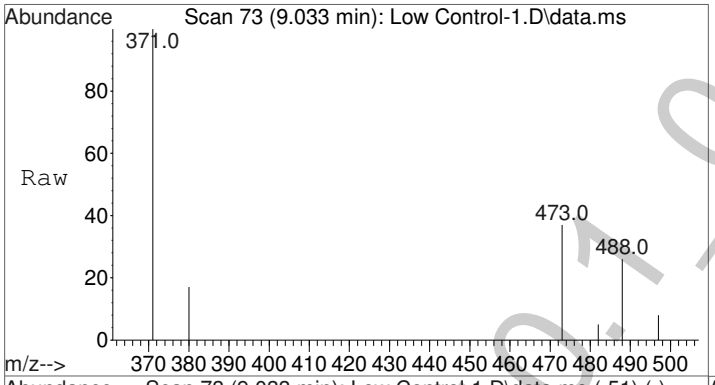
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.996 min Scan# 62
Delta R.T. -0.000 min
Lab File: Low Control-1.D
Acq: 22 Apr 2015 19:11

Tgt Ion:380 Resp: 25701

Ion	Ratio	Lower	Upper
380	100		
482	12.6	11.0	16.6
497	29.4	25.4	38.2



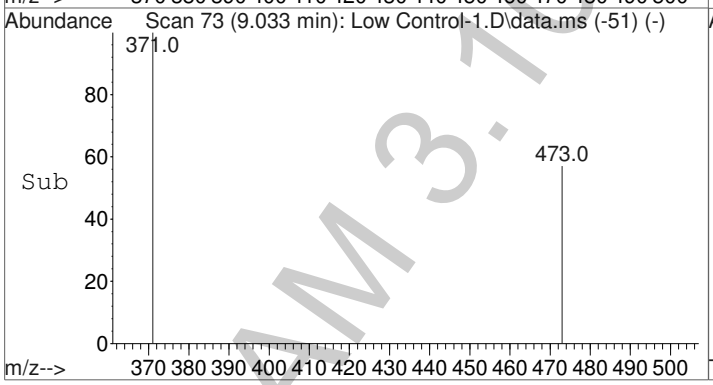


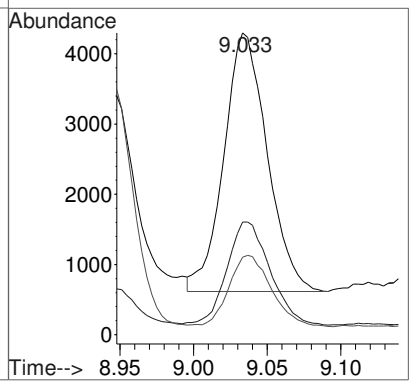


#2
Carboxy-THC-TMS
Concen: 2.94 ng/mL
RT: 9.033 min Scan# 73
Delta R.T. -0.004 min
Lab File: Low Control-1.D
Acq: 22 Apr 2015 19:11

Tgt Ion:371 Resp: 7527

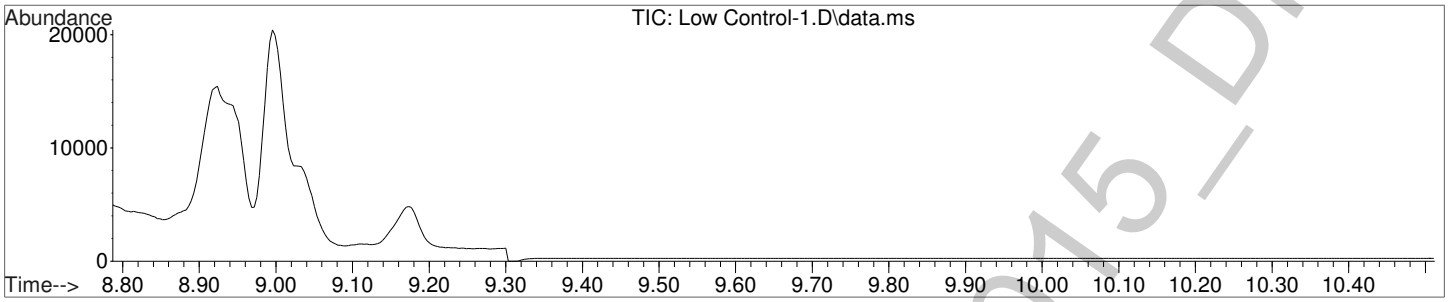
Ion	Ratio	Lower	Upper
371	100		
473	40.0	29.1	43.7
488	27.0	18.0	27.0



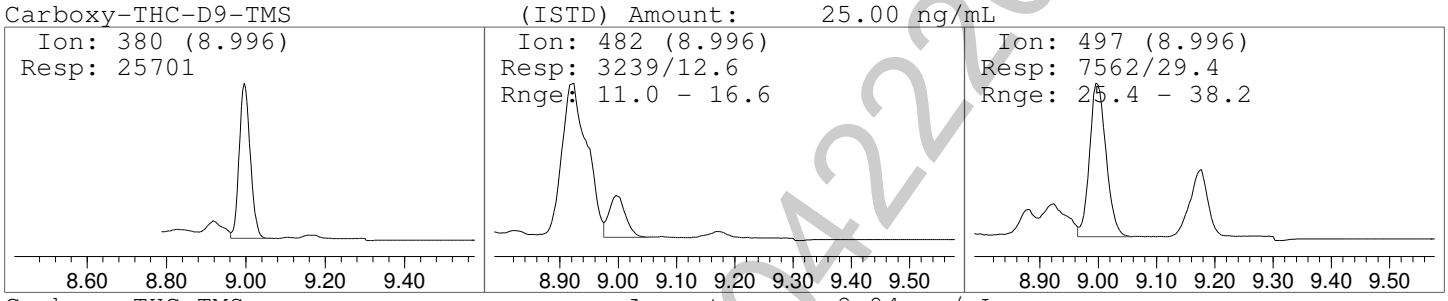


Quantitation Report (Not Reviewed)

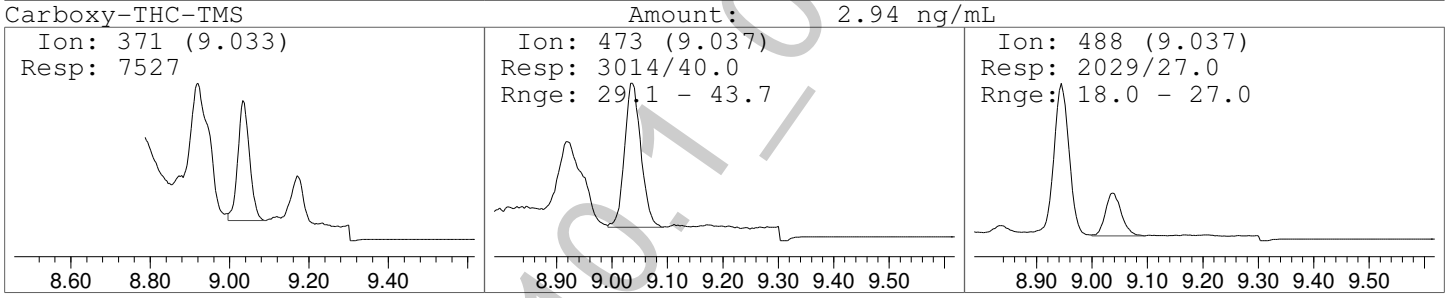
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : Low Control-1.D
Acq On : 22 Apr 2015 19:11
Operator : Pocatello Laboratory
Sample : Low Control: 6 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 8 Sample Multiplier: 1



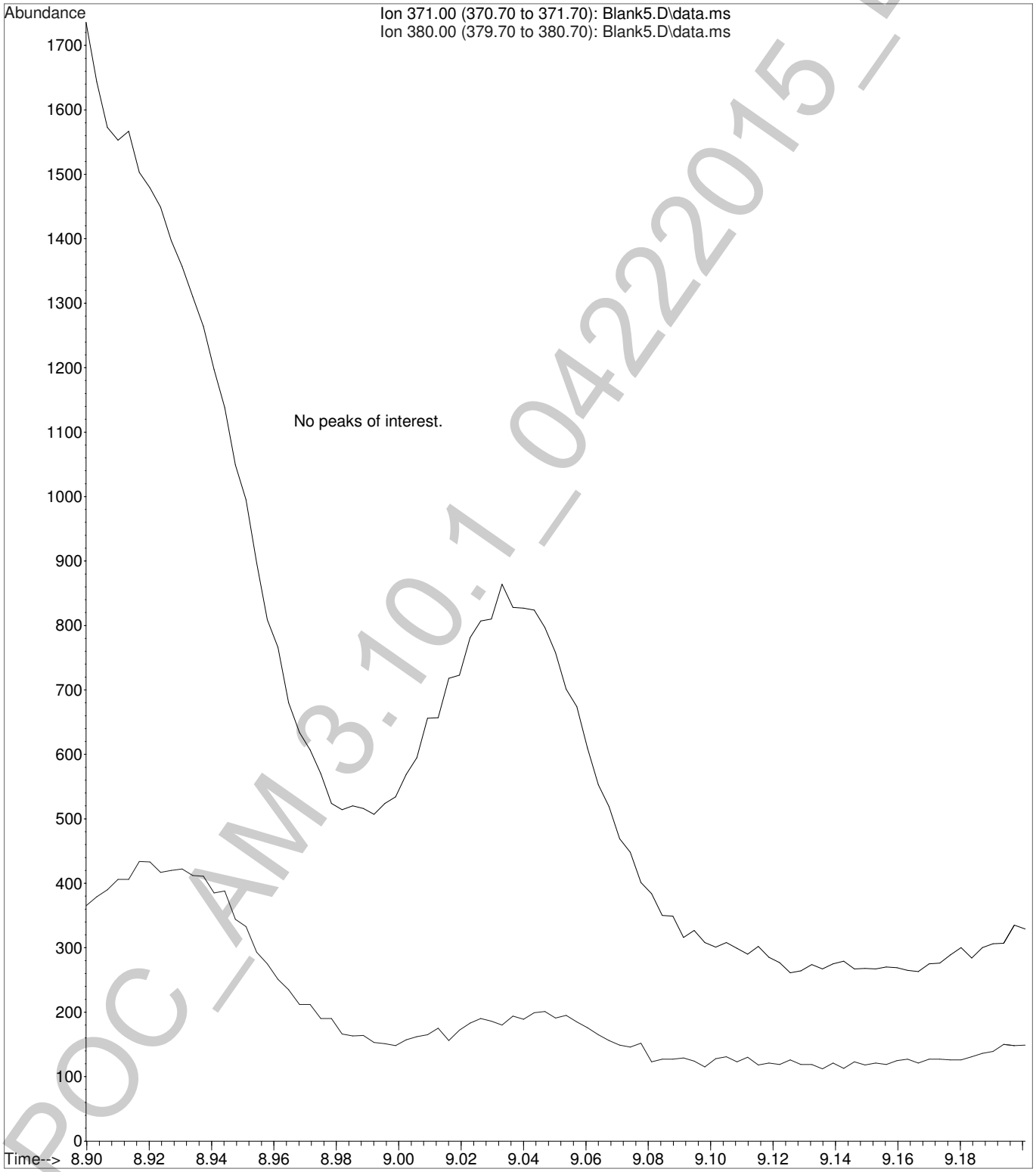
Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 2.94 ng/mL



File :C:\gcms\1\data\Blood\042215MJ\Blank5.D
Operator : Pocatello Laboratory
Acquired : 22 Apr 2015 20:51 using AcqMethod CANN-11-10-2010.M
Instrument : Probie
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 98



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : High Control-1.D
Acq On : 22 Apr 2015 21:05
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 23 09:27:46 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.996	380	24203	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.033	371	60791	60.45	ng/mL# *	89

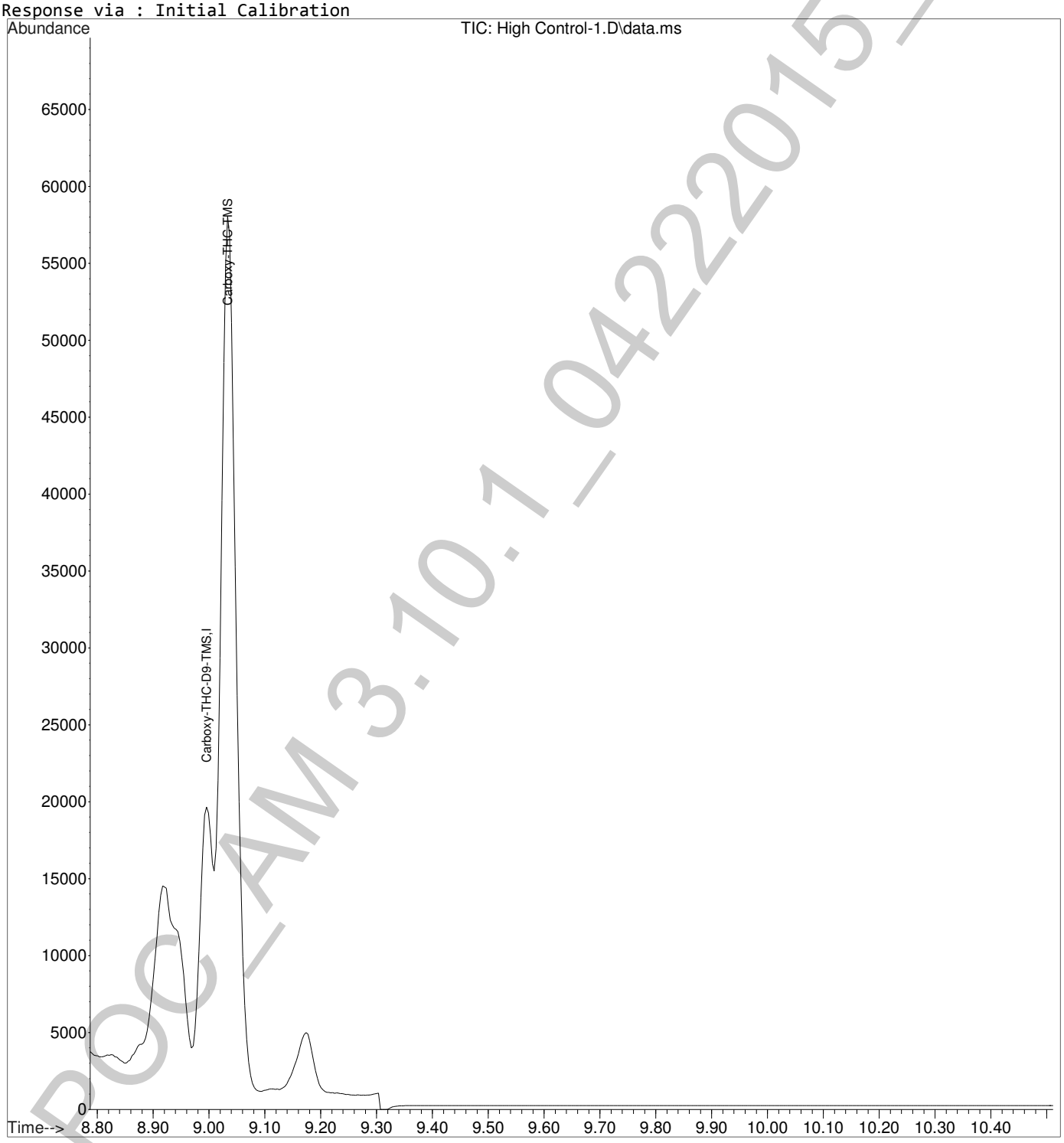
(#) = qualifier out of range (m) = manual integration (+) = signals summed

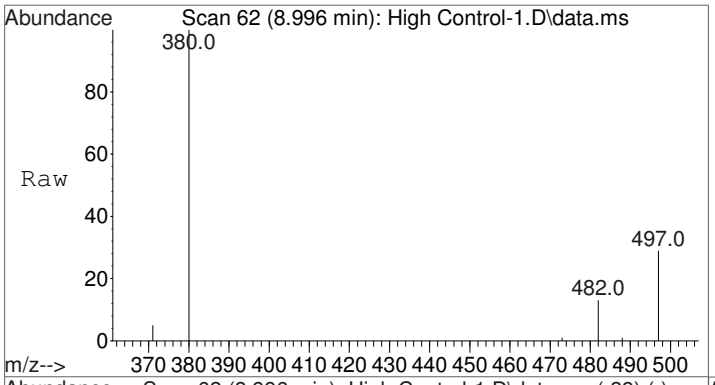
*Qualifier ion out of range - refer to manual integration.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : High Control-1.D
Acq On : 22 Apr 2015 21:05
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 23 09:27:46 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

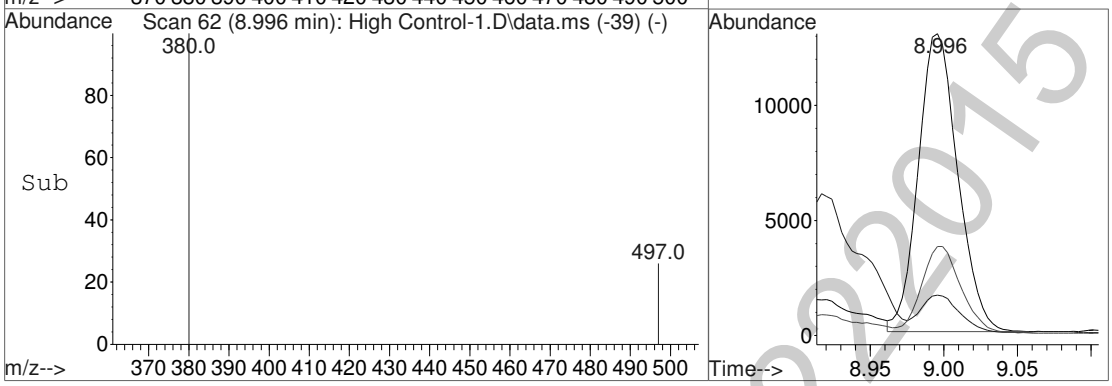


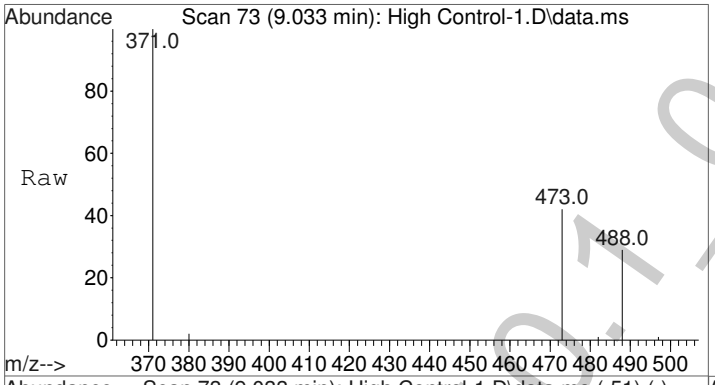


#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.996 min Scan# 62
Delta R.T. -0.000 min
Lab File: High Control-1.D
Acq: 22 Apr 2015 21:05

Tgt Ion:380 Resp: 24203

Ion	Ratio	Lower	Upper
380	100		
482	12.4	11.0	16.6
497	29.1	25.4	38.2

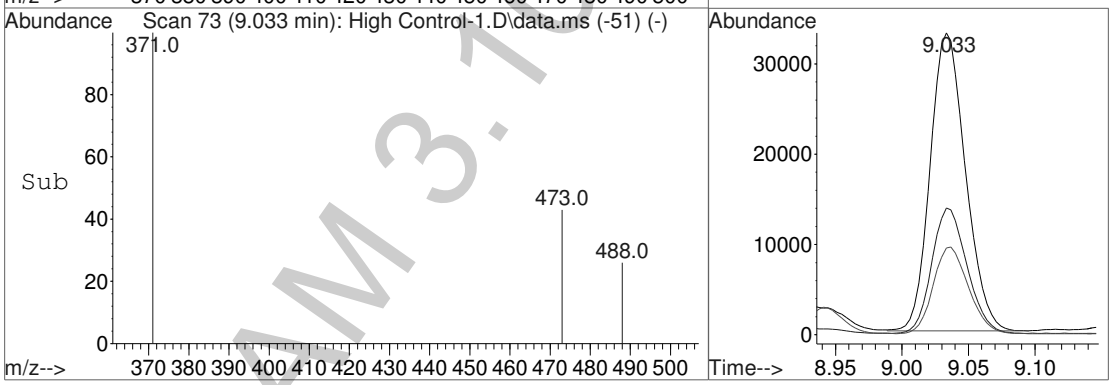




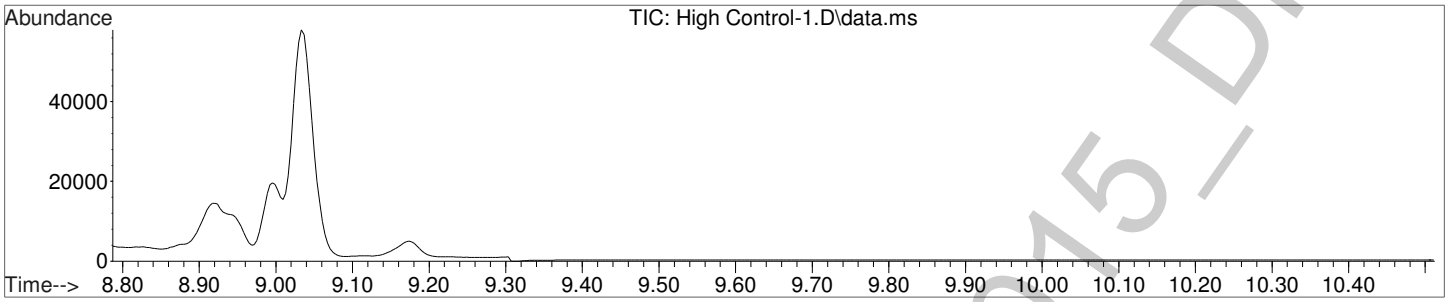
#2
Carboxy-THC-TMS
Concen: 60.45 ng/mL
RT: 9.033 min Scan# 73
Delta R.T. -0.004 min
Lab File: High Control-1.D
Acq: 22 Apr 2015 21:05

Tgt Ion:371 Resp: 60791

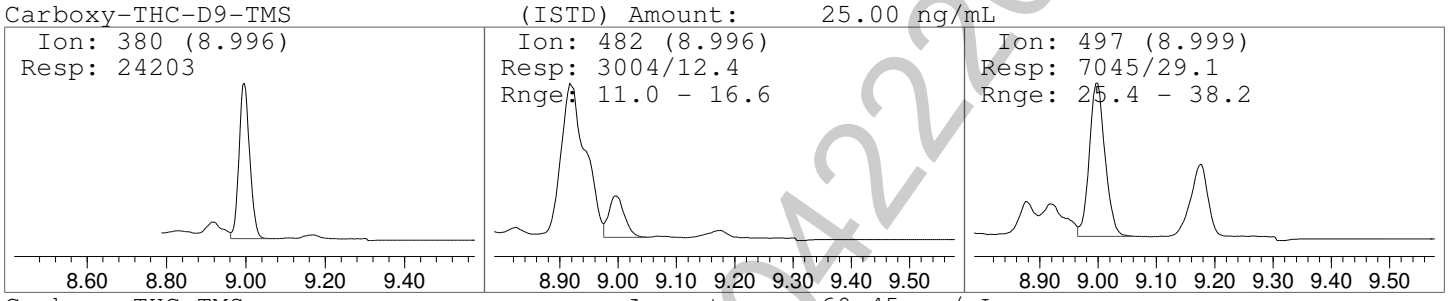
Ion	Ratio	Lower	Upper
371	100		
473	41.9	29.1	43.7
488	29.0	18.0	27.0#



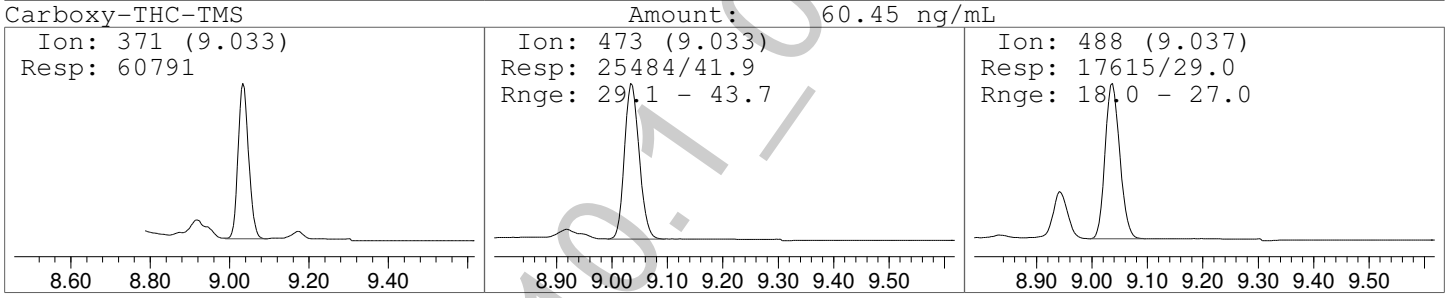
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : High Control-1.D
Acq On : 22 Apr 2015 21:05
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 9 Sample Multiplier: 1



Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 60.45 ng/mL



Quantitation Report (QT Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : High Control-1.D
Acq On : 22 Apr 2015 21:05
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 23 09:27:46 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.996	380	24203	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	9.033	371	66693m *	66.77	ng/mL	

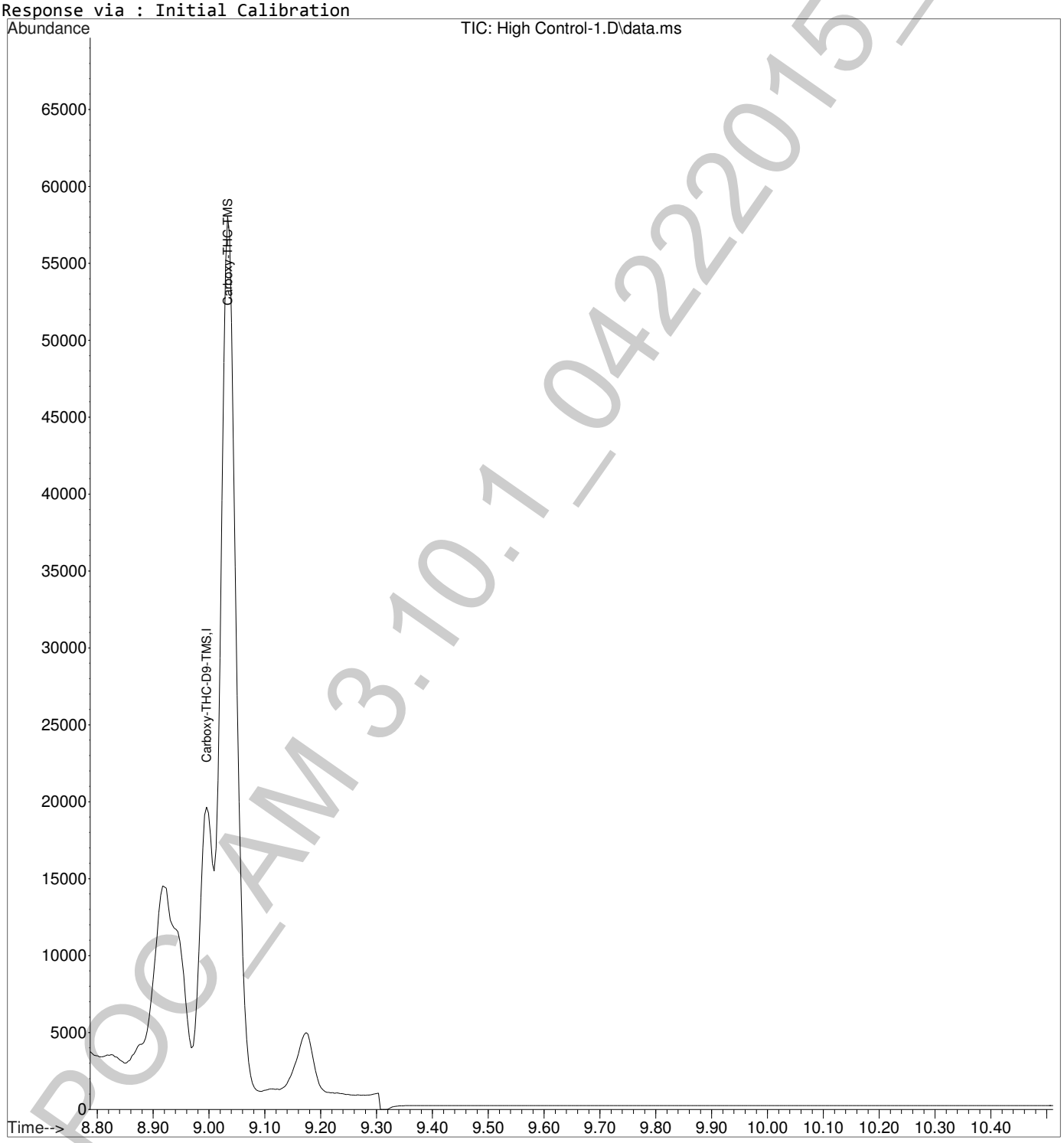
(#) = qualifier out of range (m) = manual integration (+) = signals summed

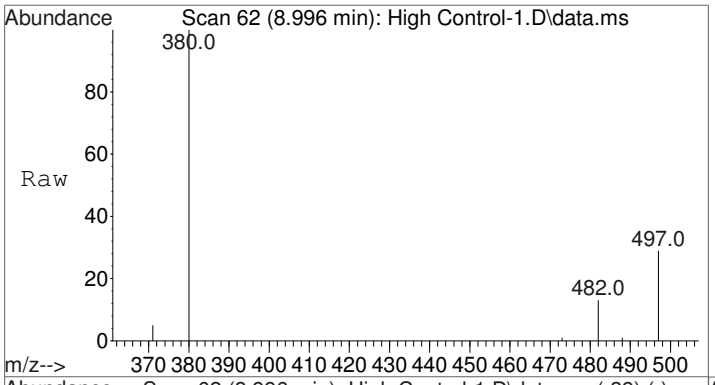
*Manual integration successful.

Quantitation Report (QT Reviewed)

Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : High Control-1.D
Acq On : 22 Apr 2015 21:05
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 23 09:27:46 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Thu Apr 23 09:20:59 2015
Response via : Initial Calibration

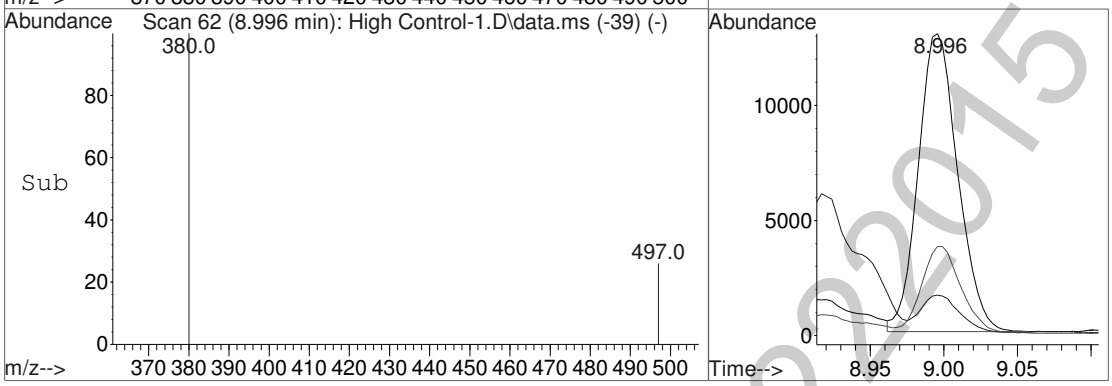


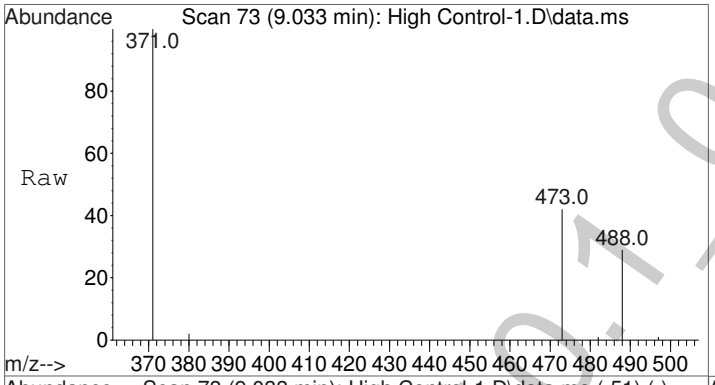


#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.996 min Scan# 62
Delta R.T. -0.000 min
Lab File: High Control-1.D
Acq: 22 Apr 2015 21:05

Tgt Ion:380 Resp: 24203

Ion	Ratio	Lower	Upper
380	100		
482	12.4	11.0	16.6
497	29.1	25.4	38.2

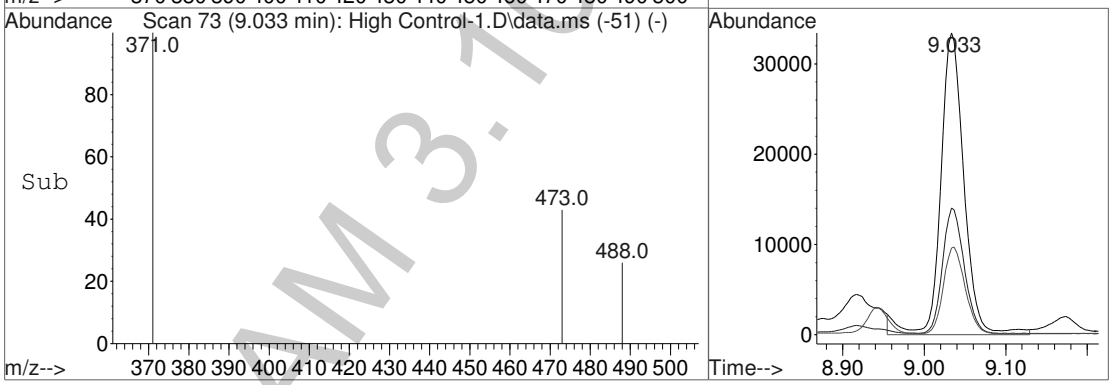




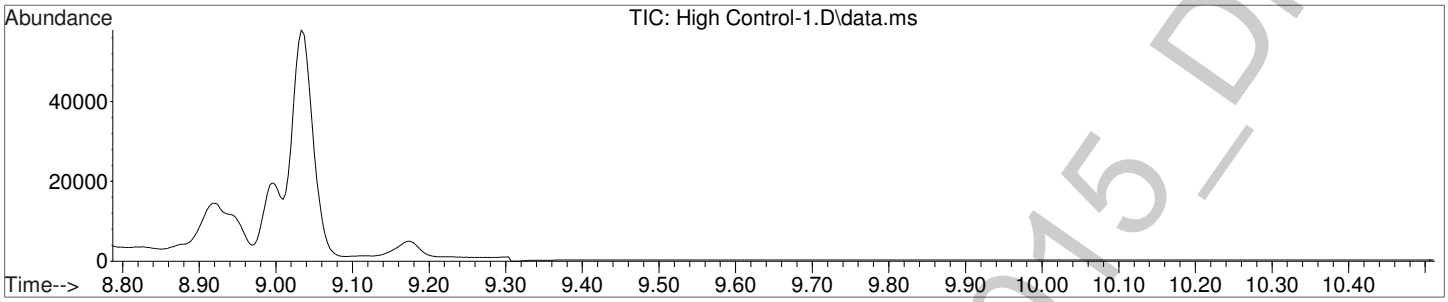
#2
Carboxy-THC-TMS
Concen: 66.77 ng/mL m
RT: 9.033 min Scan# 73
Delta R.T. -0.004 min
Lab File: High Control-1.D
Acq: 22 Apr 2015 21:05

Tgt Ion:371 Resp: 66693

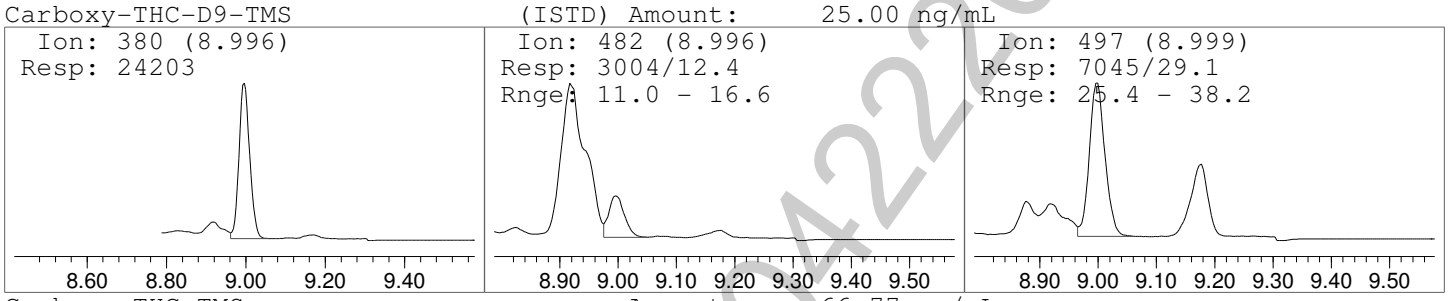
Ion	Ratio	Lower	Upper
371	100		
473	38.2	29.1	43.7
488	26.4	18.0	27.0



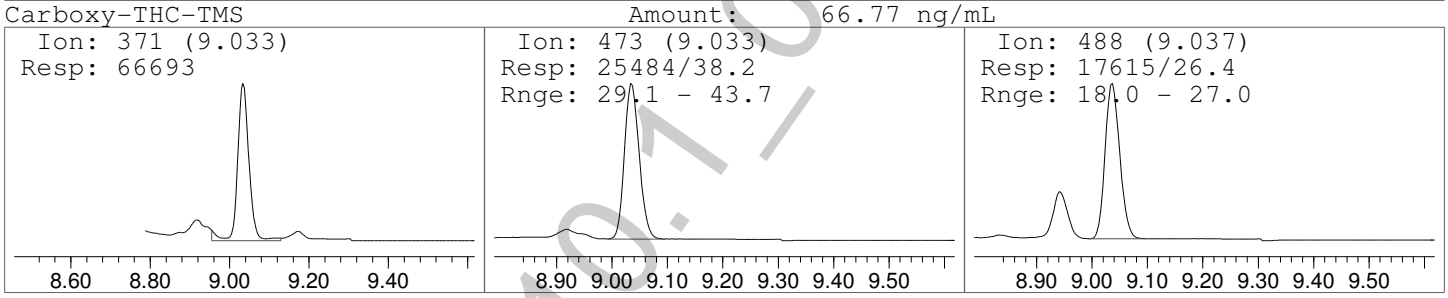
Data Path : C:\gcms\1\data\Blood\042215MJ\
Data File : High Control-1.D
Acq On : 22 Apr 2015 21:05
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 9 Sample Multiplier: 1



Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 66.77 ng/mL



File :C:\gcms\1\data\Blood\042215MJ\Blank6.D
Operator : Pocatello Laboratory
Acquired : 22 Apr 2015 22:45 using AcqMethod CANN-11-10-2010.M
Instrument : Probie
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 88