Worklist: 786

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
C2015-0862	1	38292	3.10.1 Blood confirmation Carb
C2015-1016	1	38293	3.10.1 Blood confirmation Carb
C2015-1039	1	38294	3.10.1 Blood confirmation Carb
C2015-1041	1	38295	3.10.1 Blood confirmation Carb
C2015-1074	2	38296	3.10.1 Blood confirmation Carb
C2015-1079	1	38297	3.10.1 Blood confirmation Carb
M2015-1819	1	38298	3.10.1 Blood confirmation Carb
M2015-2063	1	38299	3.10.1 Blood confirmation Carb
M2015-2162	1	38300	3.10.1 Blood confirmation Carb
M2015-2194	1	38301	3.10.1 Blood confirmation Carb
P2015-1534	1	38302	3.10.1 Blood confirmation Carb

Reviewed: By Anne Nord 8/4/15

Reviewed on 8/5/15 by CS

Verified ALS vials in correct positions. 07/24/2015

Simulate Run Sequence Fri Jul 24 15:07:01 2015

Instrument Name: Bones
Sequence File: C:\msdchem\1\sequence\DD-CANN.s
Comment: Confirmations
Operator: Pocatello Laboratory
Data Path: C:\MSDCHEM\1\DATA\DND\CN\2015\072415MJ\
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		10	High Control 60ng/mL		
	Datafile			High Control-1-fs		
	Method			CANNFS-11-10-2010		
3)	Sample		10	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		98	Blank		
	Datafile			Blank3		
	Method			CANN-11-10-2010		
13)	Sample		93	Lab No.: C2015-0862-1		
	Datafile			C2015-0862-1 Blank		
	Method			CANN-11-10-2010		
14)	Sample		12	Lab No.: C2015-0862-1		
	Datafile			C2015-0862-1		
	Method			CANN-11-10-2010		
15)	Sample		92	Lab No.: C2015-1016-1		
	Datafile			C2015-1016-1 Blank		
	Method			CANN-11-10-2010		
16)	Sample		13	Lab No.: C2015-1016-1		

	Datafile		C2015-1016-1
	Method		CANN-11-10-2010
17)	Sample	97	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	91	Lab No.: C2015-1039-1
	Datafile		C2015-1039-1 Blank
	Method		CANN-11-10-2010
20)	Sample	14	Lab No.: C2015-1039-1
	Datafile		C2015-1039-1
	Method		CANN-11-10-2010
21)	Sample	90	Lab No.: C2015-1041-1
	Datafile		C2015-1041-1 Blank
	Method		CANN-11-10-2010
22)	Sample	15	Lab No.: C2015-1041-1
	Datafile		C2015-1041-1
	Method		CANN-11-10-2010
23)	Sample	89	Lab No.: C2015-1074-2
	Datafile		C2015-1074-2 Blank
	Method		CANN-11-10-2010
24)	Sample	16	Lab No.: C2015-1074-2
	Datafile		C2015-1074-2
	Method		CANN-11-10-2010
25)	Sample	96	Blank
	Datafile		Blank5
	Method		CANN-11-10-2010
26)	Sample	10	High Control: 60 ng/mL
	Datafile		High Control-1
	Method		CANN-11-10-2010
27)	Sample	88	Lab No.: C2015-1079-1
	Datafile		C2015-1079-1 Blank
	Method		CANN-11-10-2010
28)	Sample	17	Lab No.: C2015-1079-1
	Datafile		C2015-1079-1
	Method		CANN-11-10-2010
29)	Sample	87	Lab No.: M2015-1819-1
	Datafile		M2015-1819-1 Blank
	Method		CANN-11-10-2010
30)	Sample	18	Lab No.: M2015-1819-1
	Datafile		M2015-1819-1
	Method		CANN-11-10-2010
31)	Sample	86	Lab No.: M2015-2063-1
	Datafile		M2015-2063-1 Blank
	Method		CANN-11-10-2010
32)	Sample	19	Lab No.: M2015-2063-1
	Datafile		M2015-2063-1
	Method		CANN-11-10-2010
33)	Sample	95	Blank
	Datafile		Blank6
	Method		CANN-11-10-2010
34)	Sample	9	Low Control: 6 ng/mL
	Datafile		Low Control-2
	Method		CANN-11-10-2010
35)	Sample	85	Lab No.: M2015-2162-1

```
     Datafile          M2015-2162-1 Blank
     Method            CANN-11-10-2010
36)  Sample        20  Lab No.: M2015-2162-1
     Datafile          M2015-2162-1
     Method            CANN-11-10-2010
37)  Sample        84  Lab No.: M2015-2194-1
     Datafile          M2015-2194-1 Blank
     Method            CANN-11-10-2010
38)  Sample        21  Lab No.: M2015-2194-1
     Datafile          M2015-2194-1
     Method            CANN-11-10-2010
39)  Sample        94  Blank
     Datafile          Blank7
     Method            CANN-11-10-2010
40)  Sample        11  High Control: 60 ng/mL
     Datafile          High Control-2
     Method            CANN-11-10-2010
41)  Sample        83  Lab No.: P2015-1534-1
     Datafile          P2015-1534-1 Blank
     Method            CANN-11-10-2010
42)  Sample        22  Lab No.: P2015-1534-1
     Datafile          P2015-1534-1
     Method            CANN-11-10-2010
43)  Sample        82  Blank
     Datafile          Blank8
     Method            CANN-11-10-2010
   Bytes Needed: 3006154  Space on drive C: 4.29012e+011
   Sequence Verification Done!
```

Verified ALS vials in correct positions. 07/24/2015

Starting sequence Sat Jul 25 12:31:01 2015

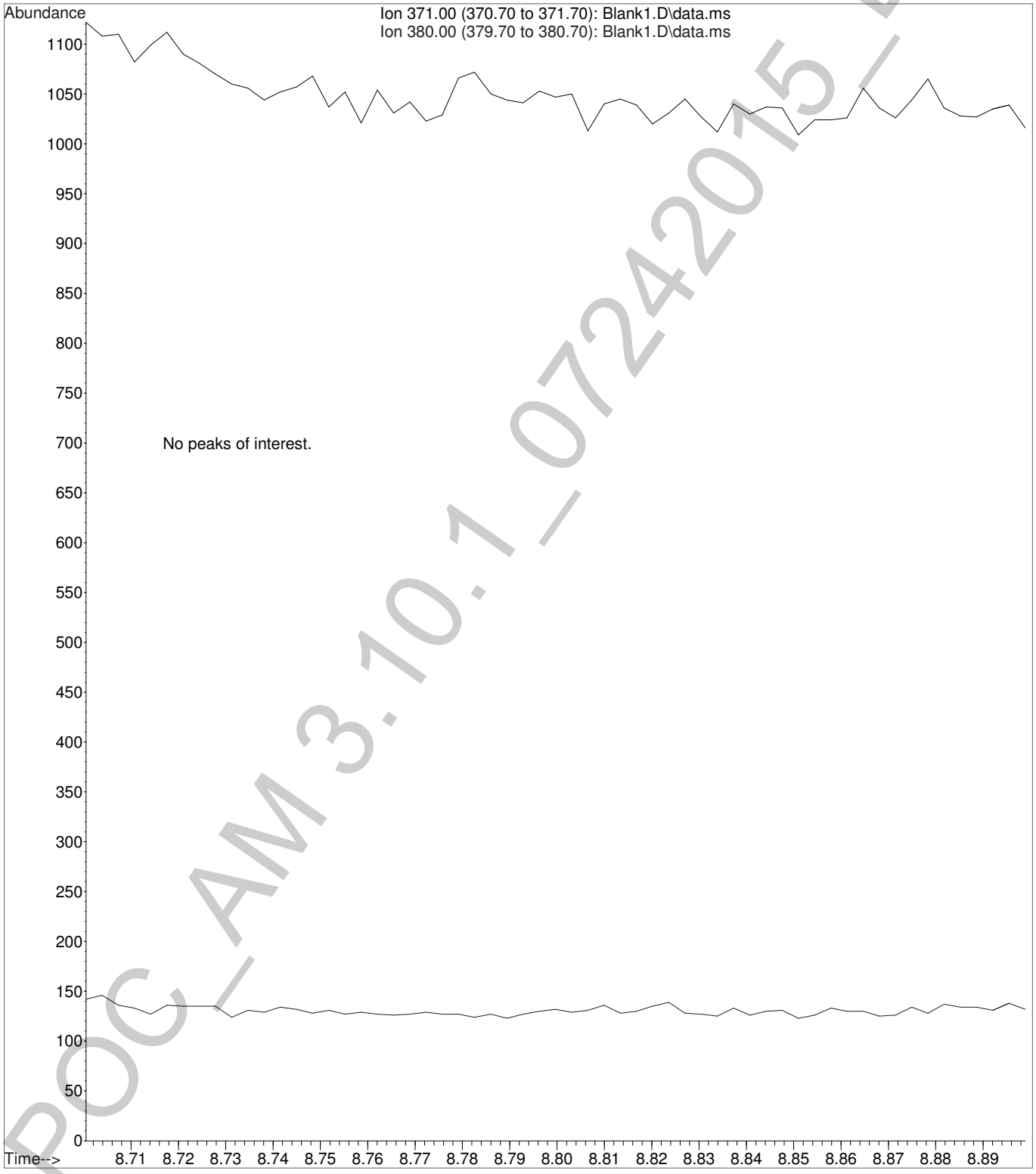
Instrument Name: Bones
Sequence File: C:\msdchem\1\sequence\DD-CANN.s
Comment: Confirmations
Operator: Pocatello Laboratory
Data Path: C:\MSDCHEM\1\DATA\DND\CN\2015\072415MJ\
Method Path: C:\MSDCHEM\1\METHODS\

Line	Type	Vial	DataFile	Method	Sample Name
1)	Sample	90	Lab No.: C2015-1041-1		
	Datafile		C2015-1041-1fs Blank		
	Method		CANNFS-11-10-2010		
2)	Sample	15	Lab No.: C2015-1041-1		
	Datafile		C2015-1041-1fs		
	Method		CANNFS-11-10-2010		

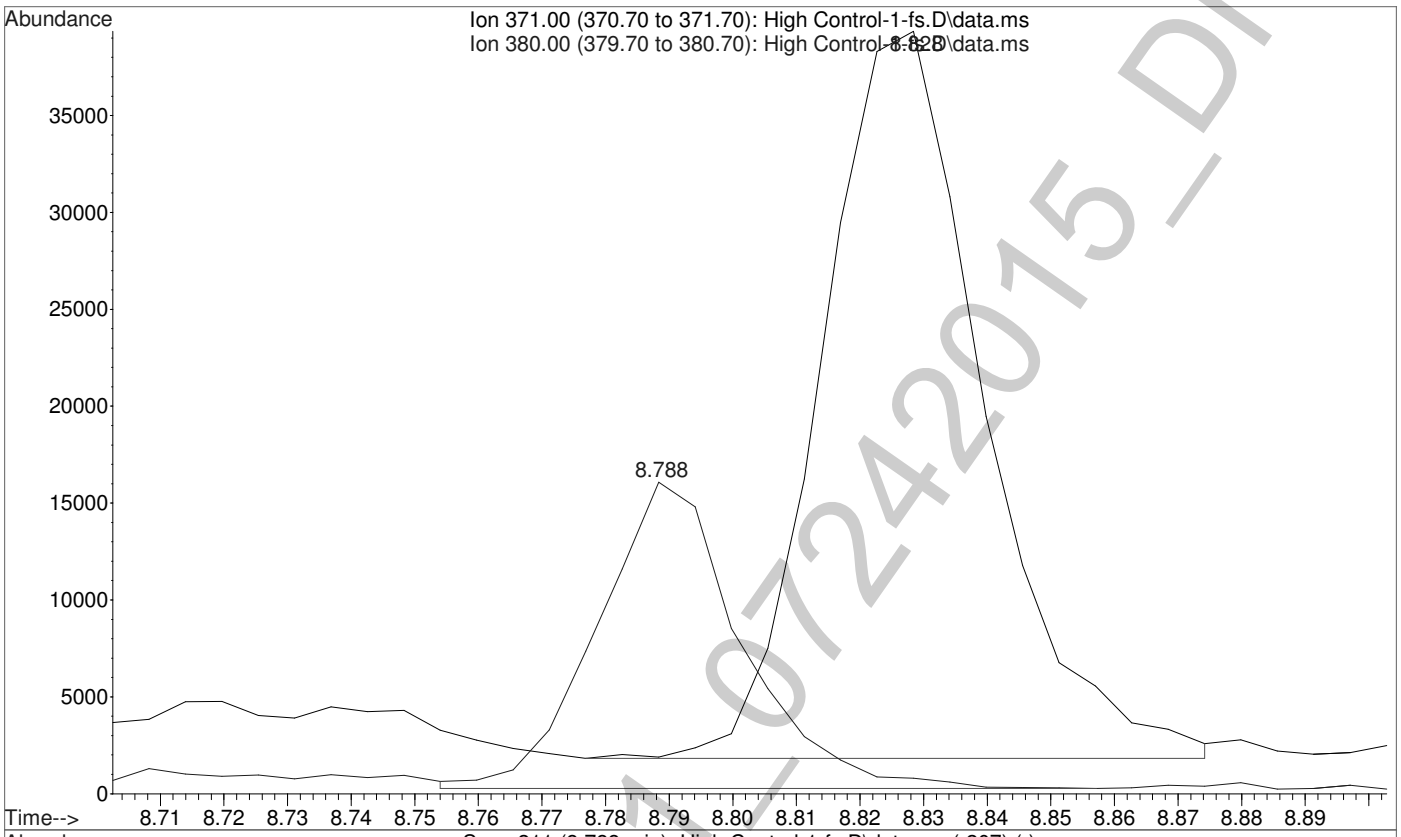
Sequence completed Sat Jul 25 12:59:31 2015

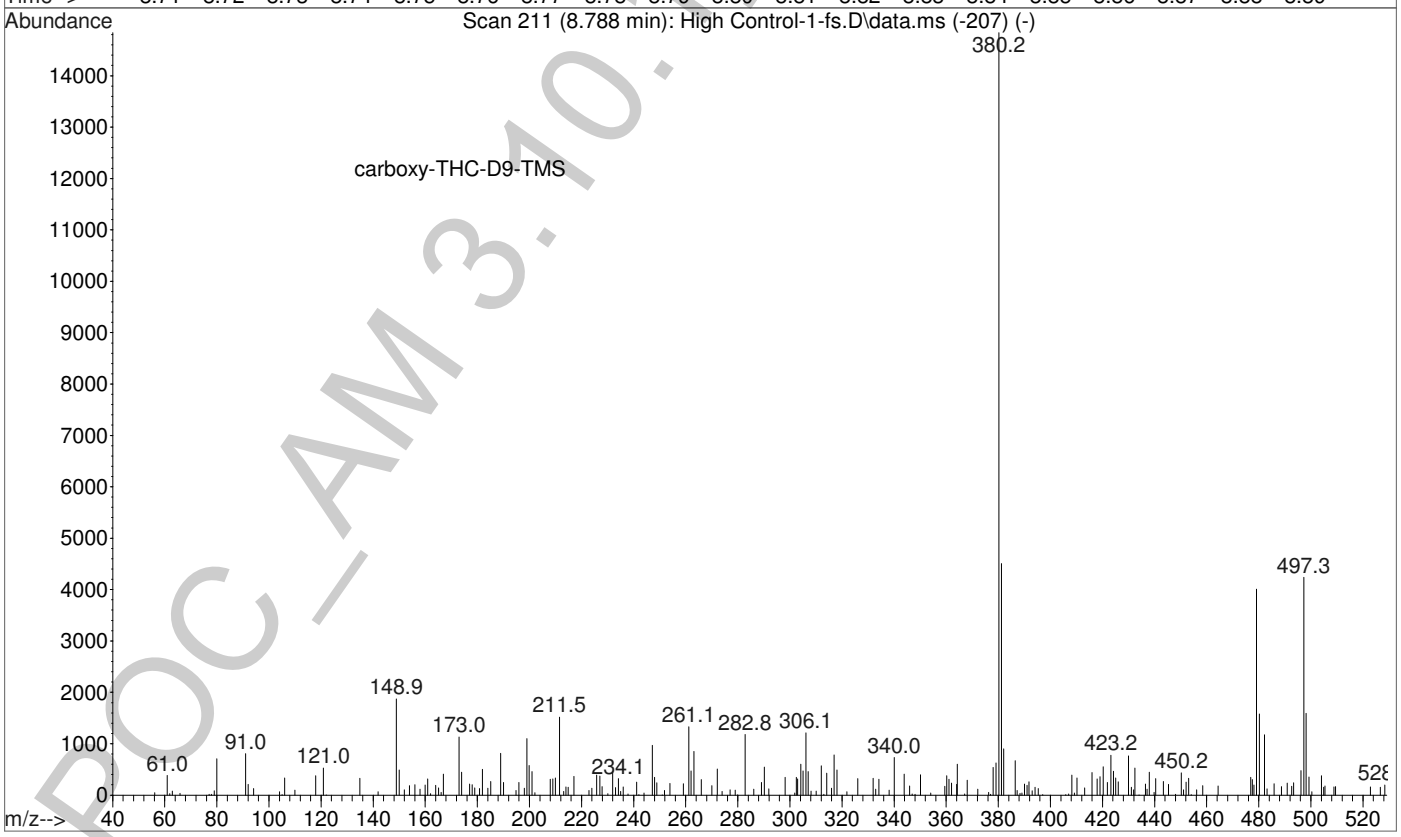
C:\MSDCHEM\1\DATA\DND\CN\2015\072415MJ\2015 Jul 25 1231 Quality Log.LOG
C:\MSDCHEM\1\DATA\DND\CN\2015\072415MJ\2015 Jul 25 1231 Sequence Log .LOG

File :C:\gcms\1\data\Blood\072415MJ\Blank1.D
Operator : Pocatello Laboratory
Acquired : 24 Jul 2015 17:38 using AcqMethod CANN-11-10-2010.M
Instrument : Bones
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 100

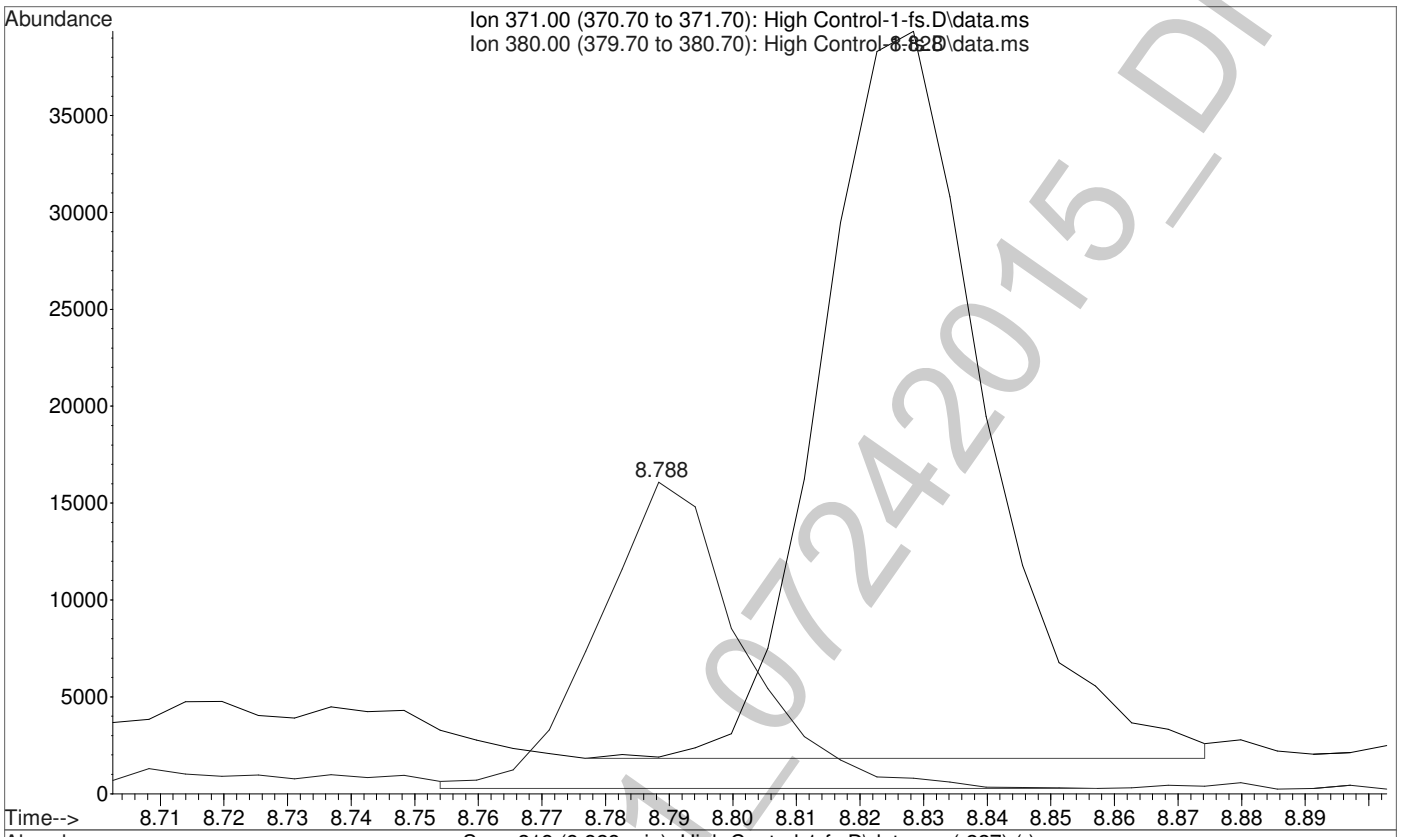


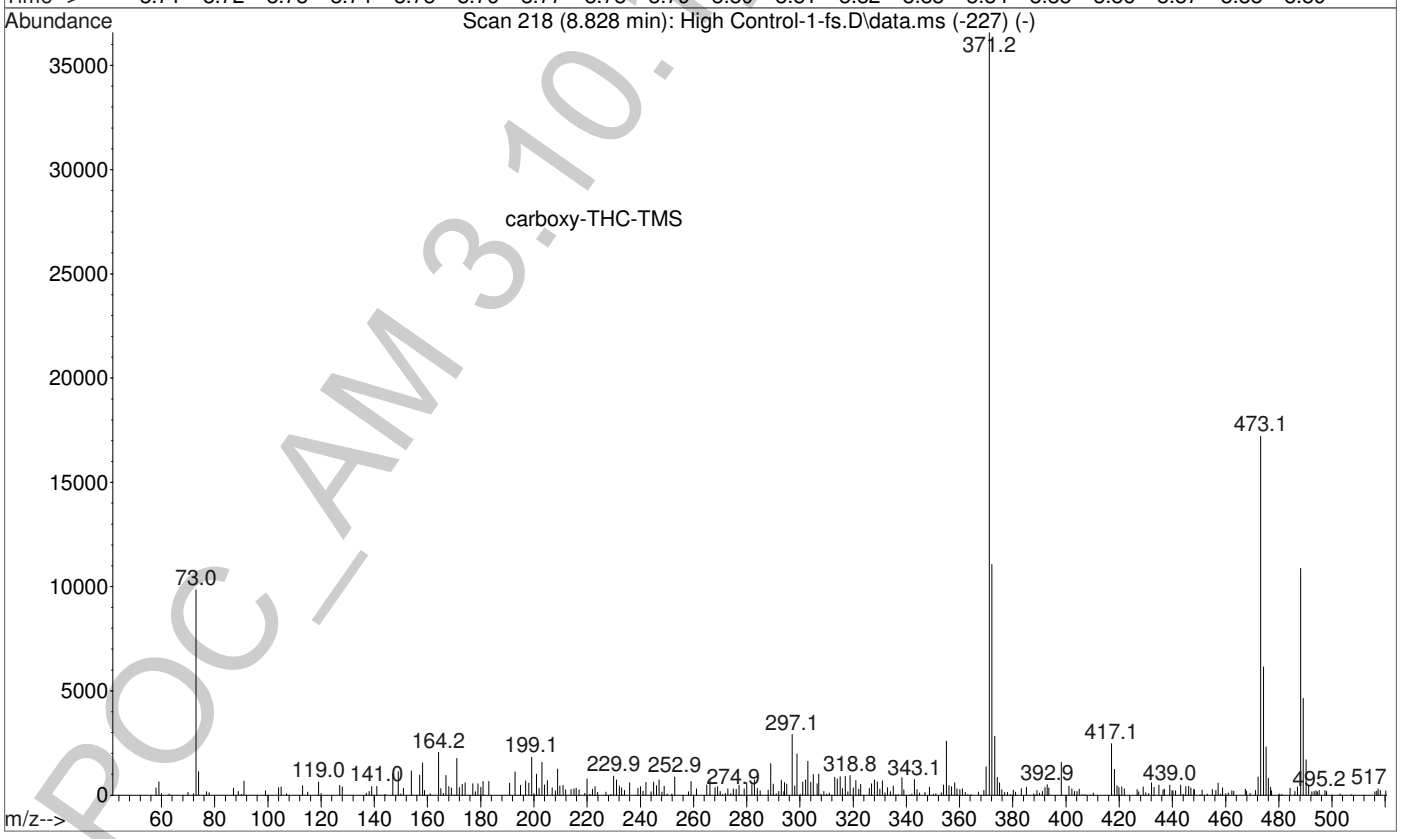
File :C:\gcms\1\data\Blood\072415MJ\High Control-1-fs.D
Operator : Pocatello Laboratory
Acquired : 24 Jul 2015 17:53 using AcqMethod CANNFS-11-10-2010.M
Instrument : Bones
Sample Name: High Control 60ng/mL
Misc Info : Analytical Method 3.10.1
Vial Number: 10



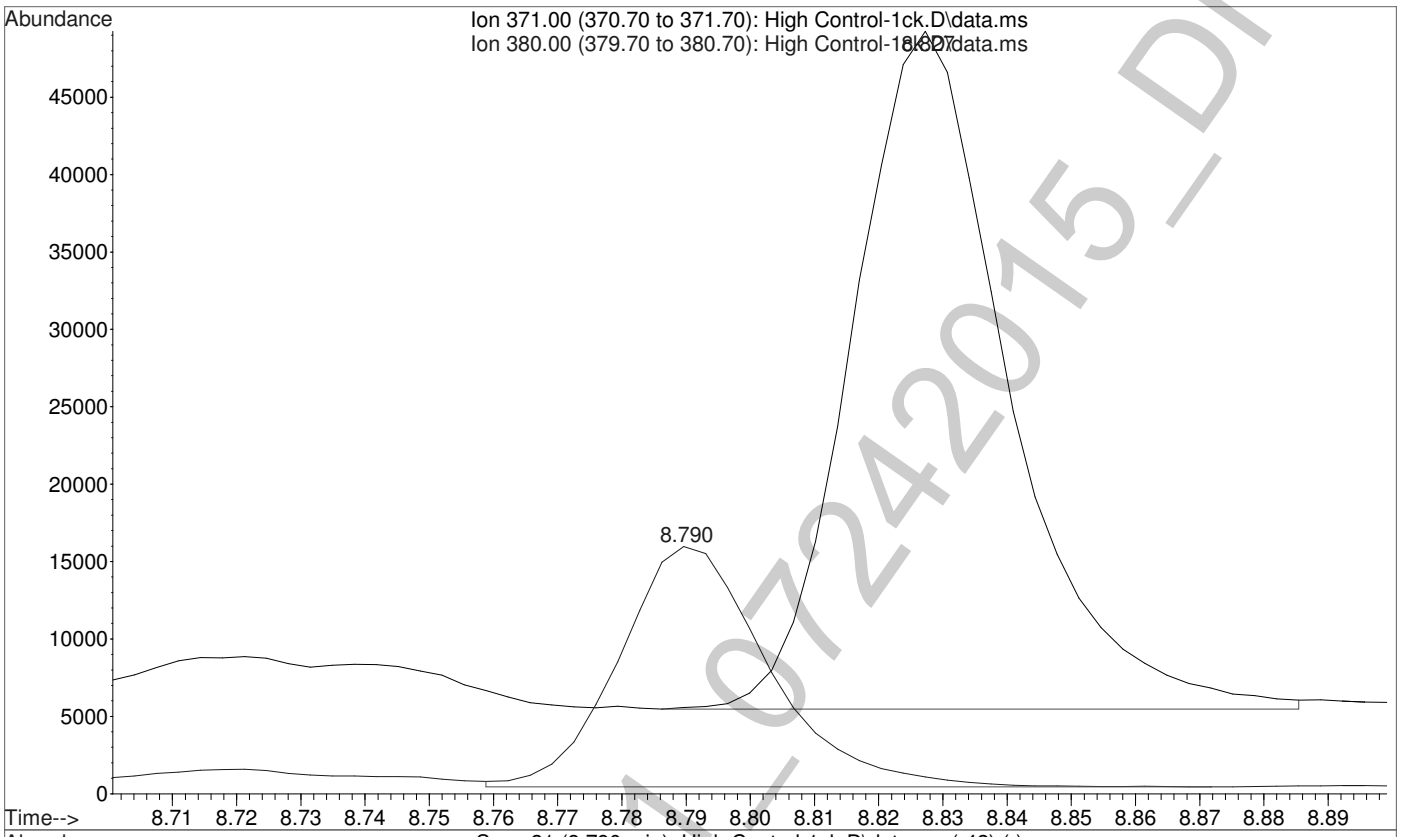


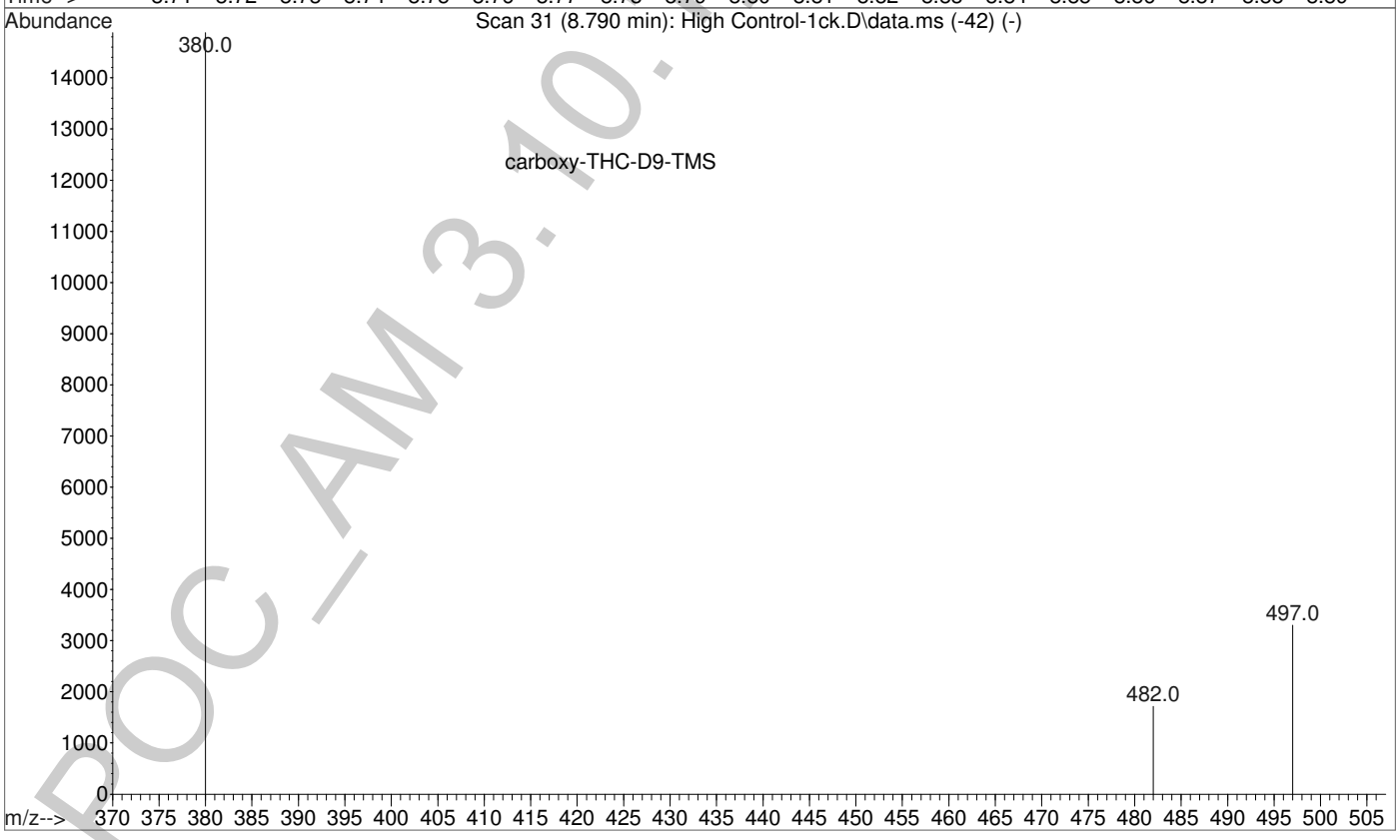
File :C:\gcms\1\data\Blood\072415MJ\High Control-1-fs.D
Operator : Pocatello Laboratory
Acquired : 24 Jul 2015 17:53 using AcqMethod CANNFS-11-10-2010.M
Instrument : Bones
Sample Name: High Control 60ng/mL
Misc Info : Analytical Method 3.10.1
Vial Number: 10



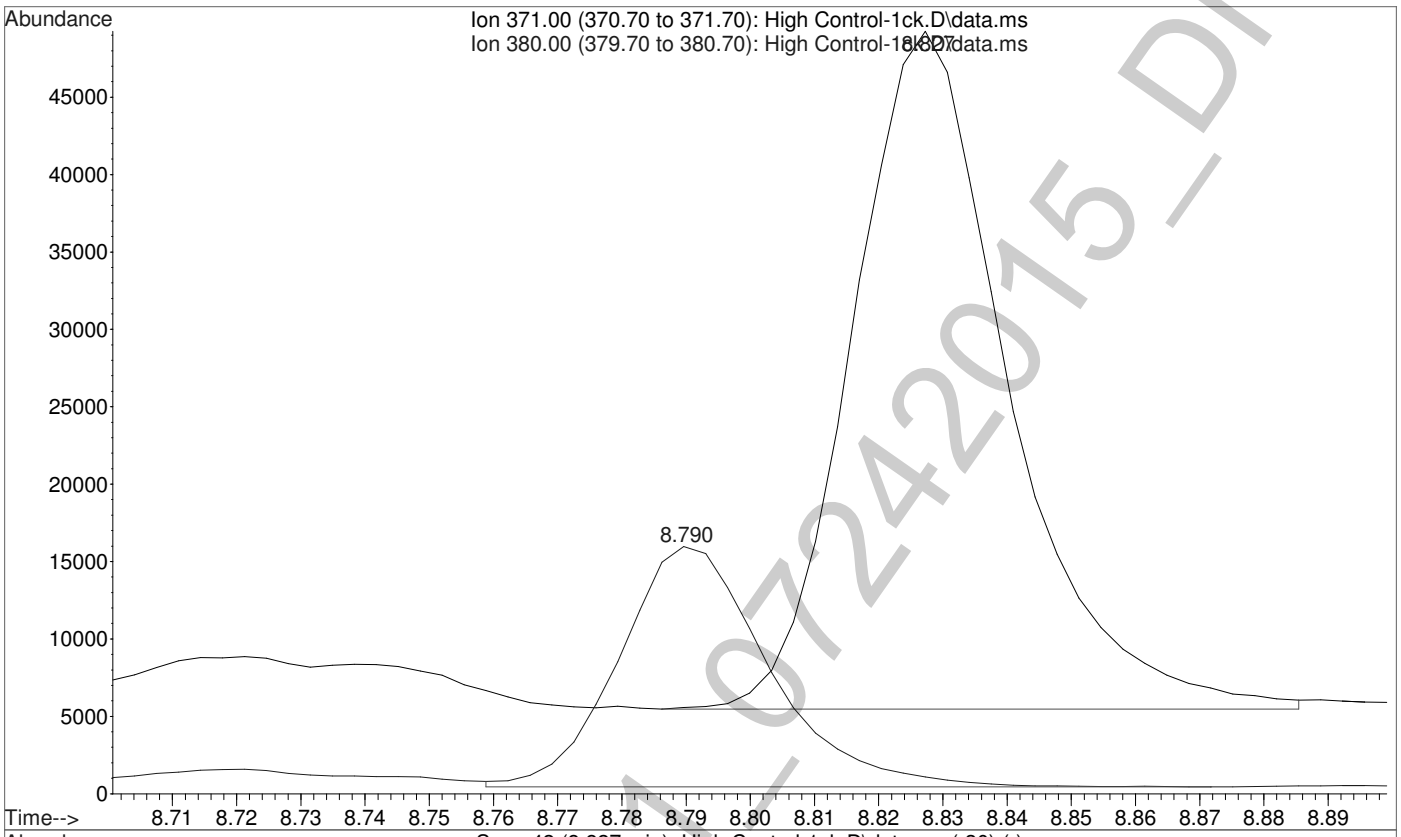


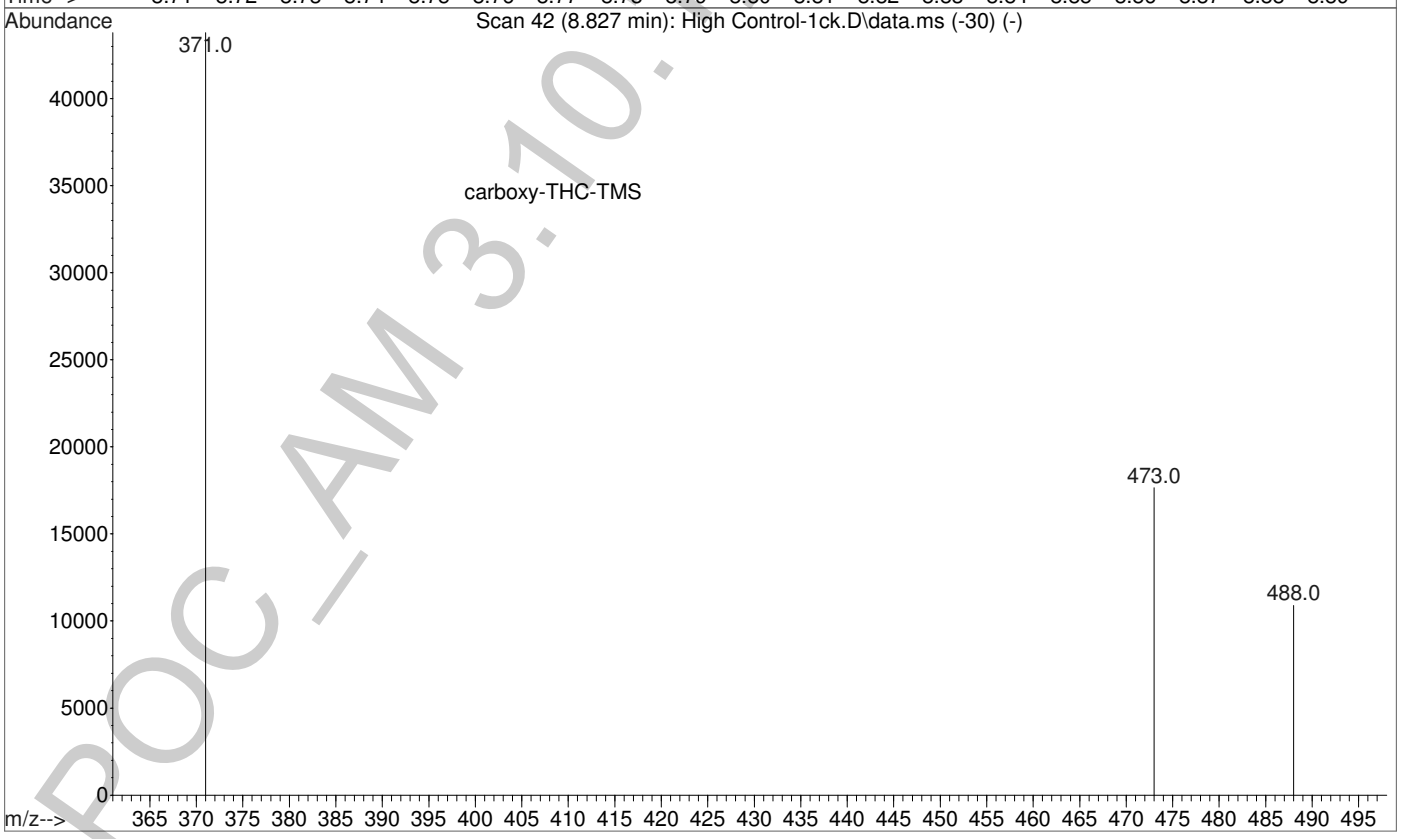
File :C:\gcms\1\data\Blood\072415MJ\High Control-1ck.D
Operator : Pocatello Laboratory
Acquired : 24 Jul 2015 18:08 using AcqMethod CANN-11-10-2010.M
Instrument : Bones
Sample Name: High Control 60ng/mL
Misc Info : Analytical Method 3.10.1
Vial Number: 10



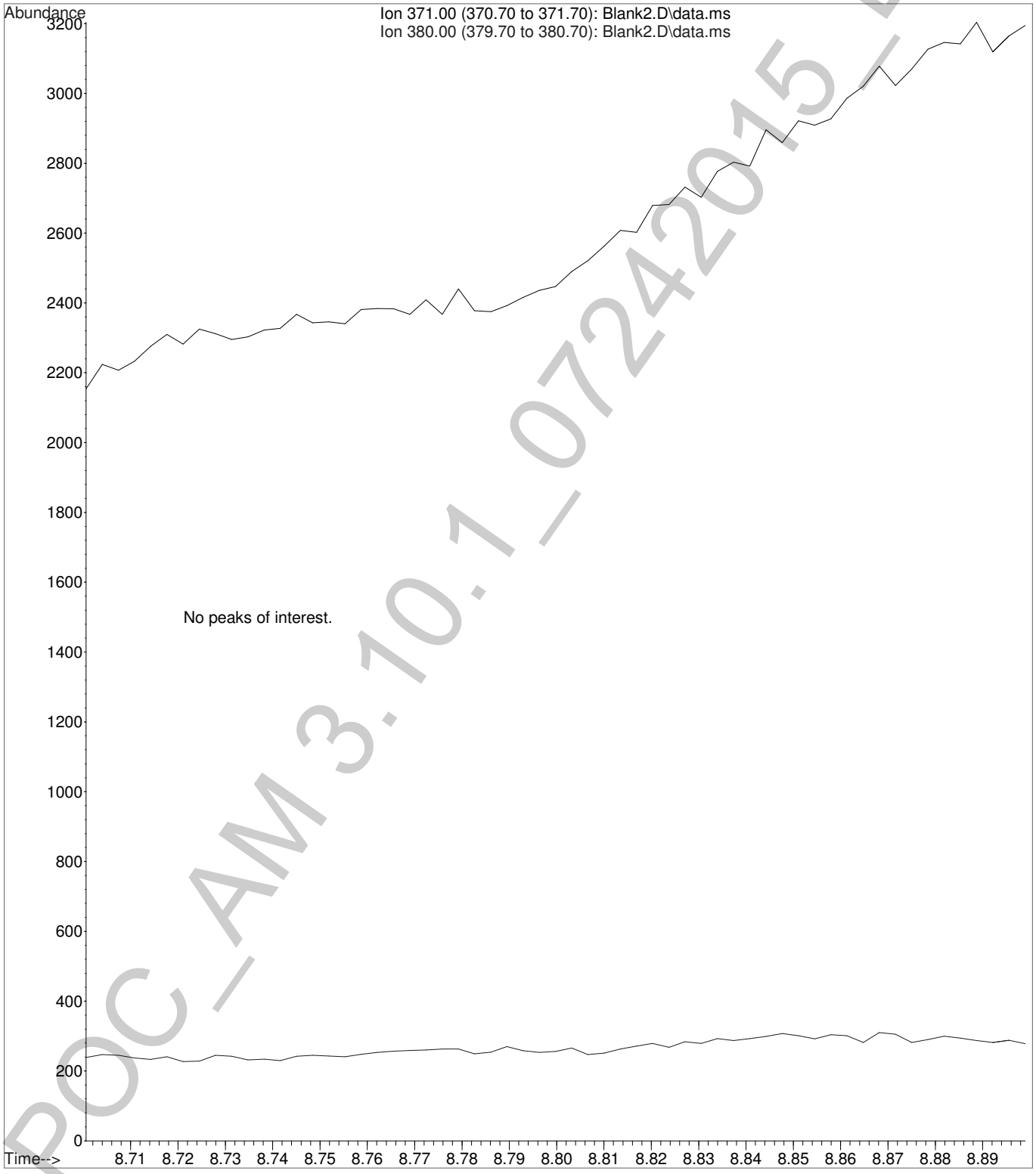


File :C:\gcms\1\data\Blood\072415MJ\High Control-1ck.D
Operator : Pocatello Laboratory
Acquired : 24 Jul 2015 18:08 using AcqMethod CANN-11-10-2010.M
Instrument : Bones
Sample Name: High Control 60ng/mL
Misc Info : Analytical Method 3.10.1
Vial Number: 10





File :C:\gcms\1\data\Blood\072415MJ\Blank2.D
Operator : Pocatello Laboratory
Acquired : 24 Jul 2015 18:23 using AcqMethod CANN-11-10-2010.M
Instrument : Bones
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 99



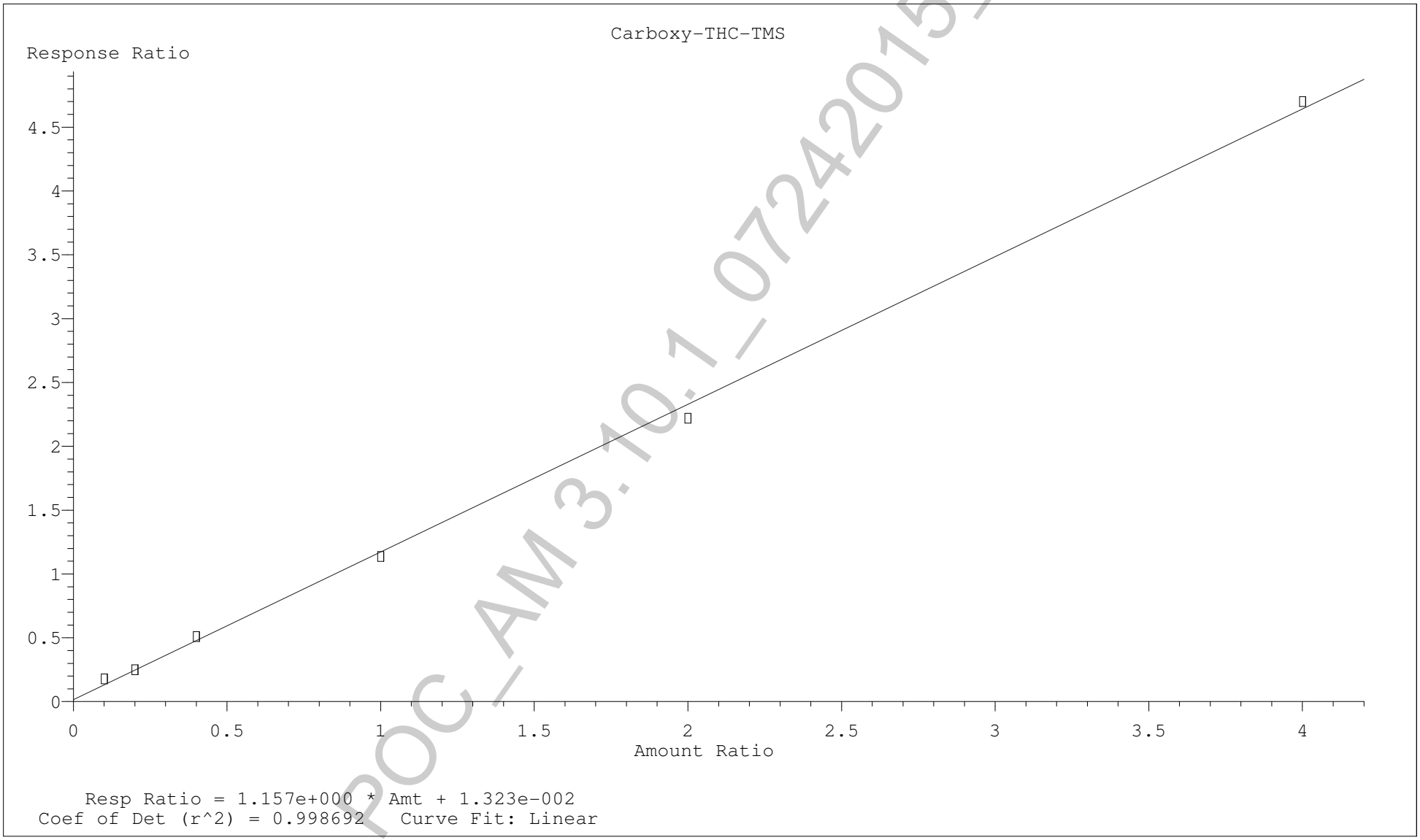
Calibration data of Carboxy-THC-D9-TMS

LvLID	Amount (ratio)	Response (ratio)	Data File
3	25.0000	27713.000000	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 3.D
1	25.0000	25190.000000	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 1.D
2	25.0000	29385.000000	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 2.D
4	25.0000	27988.000000	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 4.D
5	25.0000	27267.000000	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 5.D
6	25.0000	27126.000000	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 6.D

Internal Standard

Calibration data of Carboxy-THC-TMS

LvLID	Amount (ratio)	Response (ratio)	bias (%)	Data File
3	0.4000	0.509364	7.00	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 3.D
1	0.1000	0.176935	37.23	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 1.D
2	0.2000	0.248188	1.45	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 2.D
4	1.0000	1.136023	-2.93	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 4.D
5	2.0000	2.218396	-4.68	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 5.D
6	4.0000	4.699771	1.26	C:\gcms\1\data\Blood\072415MJ\Calibrator Level 6.D



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Negative Control.D
Acq On : 24 Jul 2015 18:38
Operator : Pocatello Laboratory
Sample : Negative Control: UTAK Lot B0689
Misc : Analytical Method 3.10.1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 25 12:06:48 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.789	380	24778	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.824	371	1307	0.85	ng/mL# *	58

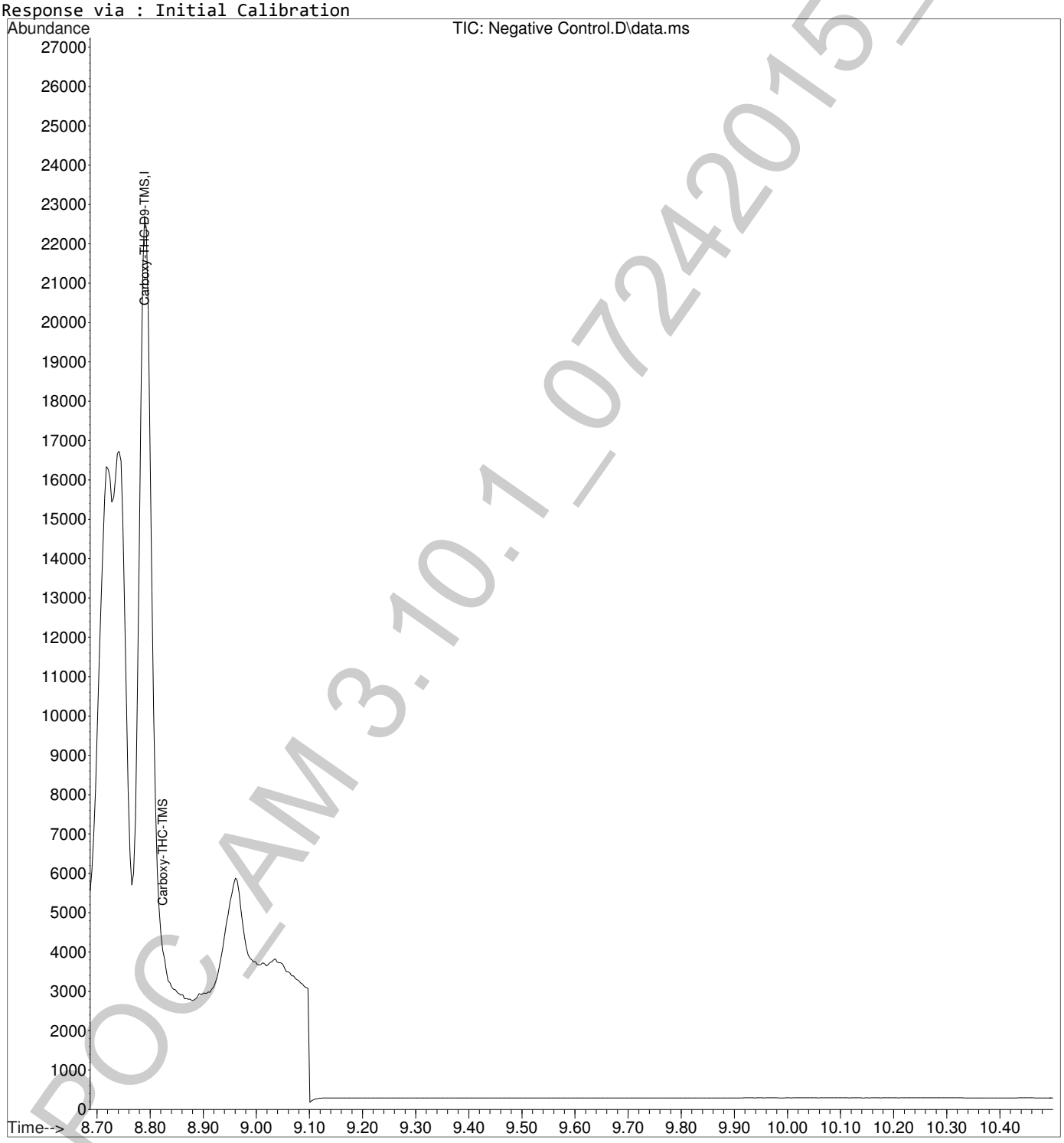
(#) = qualifier out of range (m) = manual integration (+) = signals summed

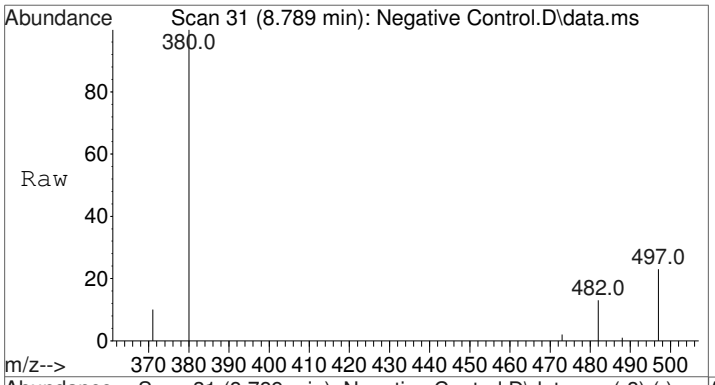
*None detected.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Negative Control.D
Acq On : 24 Jul 2015 18:38
Operator : Pocatello Laboratory
Sample : Negative Control: UTAK Lot B0689
Misc : Analytical Method 3.10.1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 25 12:06:48 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

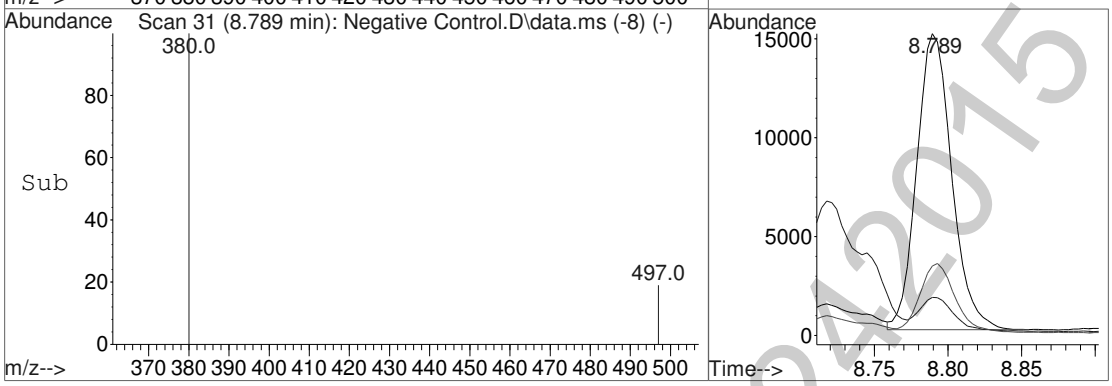


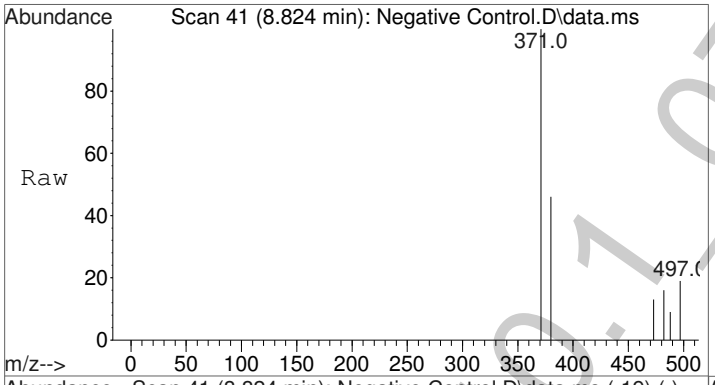


#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.789 min Scan# 31
Delta R.T. -0.001 min
Lab File: Negative Control.D
Acq: 24 Jul 2015 18:38

Tgt Ion:380 Resp: 24778

Ion	Ratio	Lower	Upper
380	100		
482	11.5	9.8	14.6
497	23.1	18.7	28.1

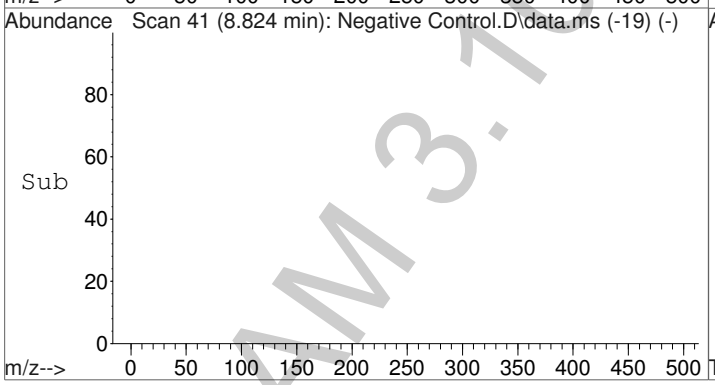


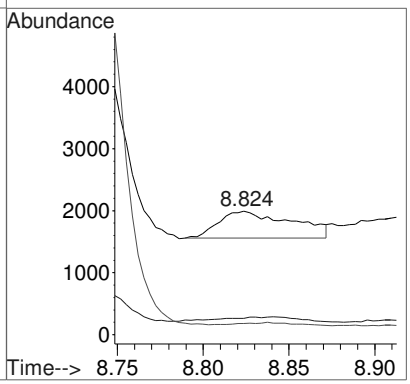


#2
Carboxy-THC-TMS
Concen: 0.85 ng/mL
RT: 8.824 min Scan# 41
Delta R.T. -0.003 min
Lab File: Negative Control.D
Acq: 24 Jul 2015 18:38

Tgt Ion:371 Resp: 1307

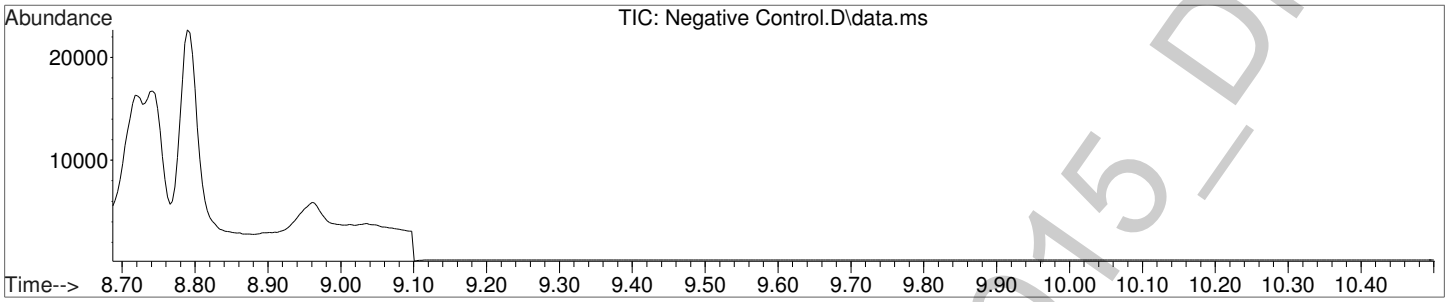
Ion	Ratio	Lower	Upper
371	100		
473	8.2	30.2	45.4#
488	9.0	19.0	28.4#



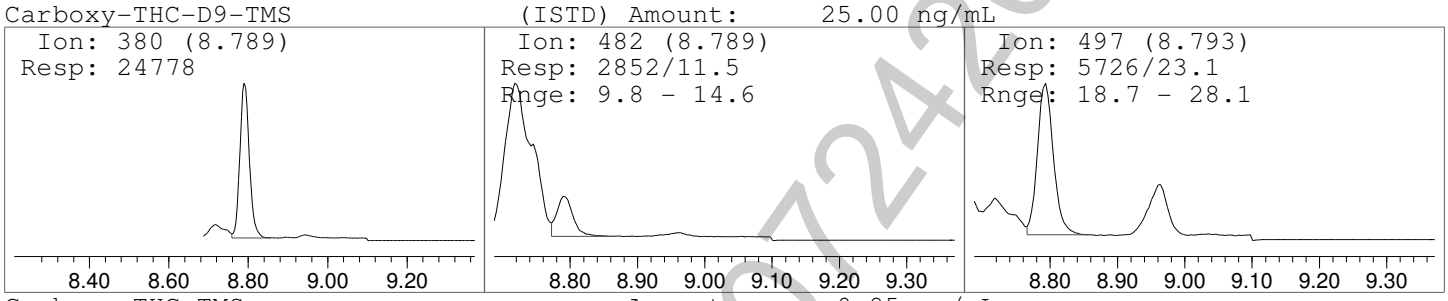


Quantitation Report (Not Reviewed)

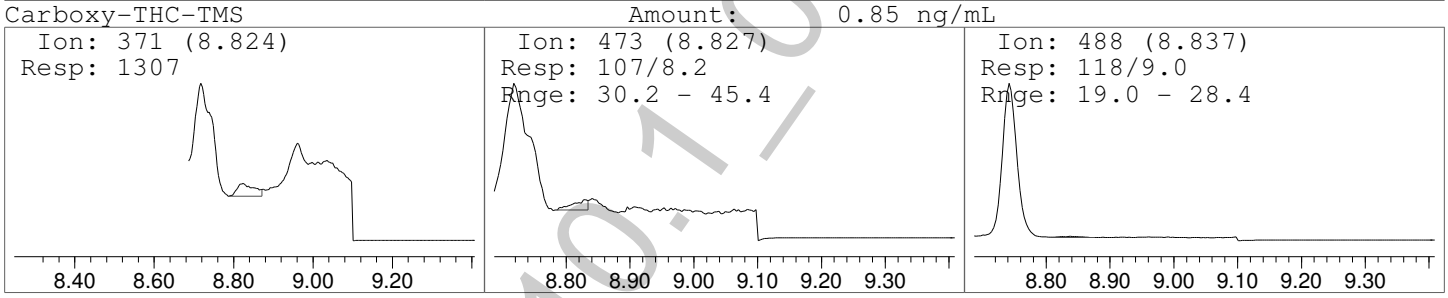
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Negative Control.D
Acq On : 24 Jul 2015 18:38
Operator : Pocatello Laboratory
Sample : Negative Control: UTAK Lot B0689
Misc : Analytical Method 3.10.1
ALS Vial : 1 Sample Multiplier: 1



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



Carboxy-THC-TMS Amount: 0.85 ng/mL



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 1.D
Acq On : 24 Jul 2015 18:53
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: Jul 25 12:06:01 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.789	380	25190	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.827	371	4457	3.54	ng/mL *	96

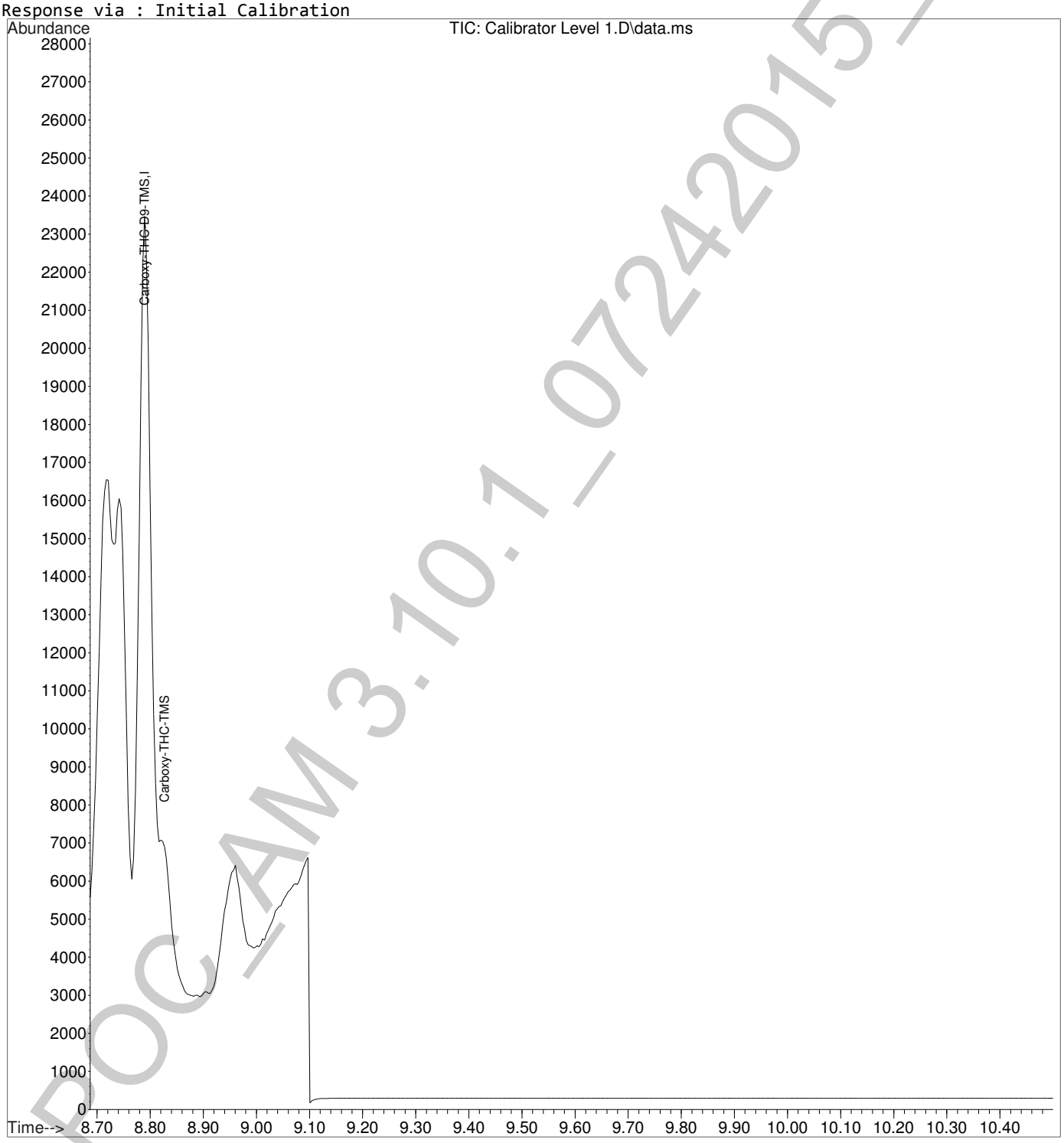
(#) = qualifier out of range (m) = manual integration (+) = signals summed

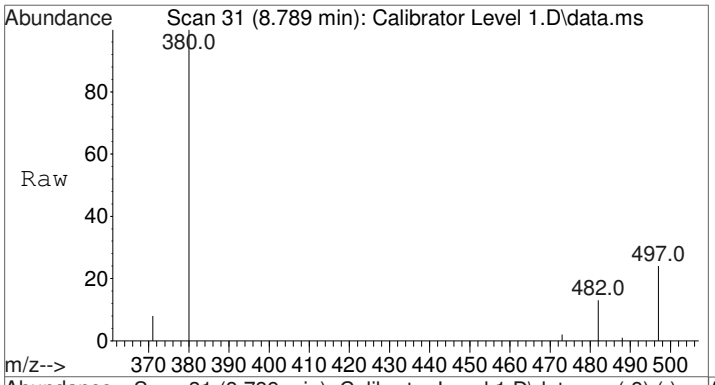
*Not within 20% of intended value, but all qualitative criteria are met so will be used as the administrative cutoff for this run.

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 1.D
Acq On : 24 Jul 2015 18:53
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: Jul 25 12:06:01 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

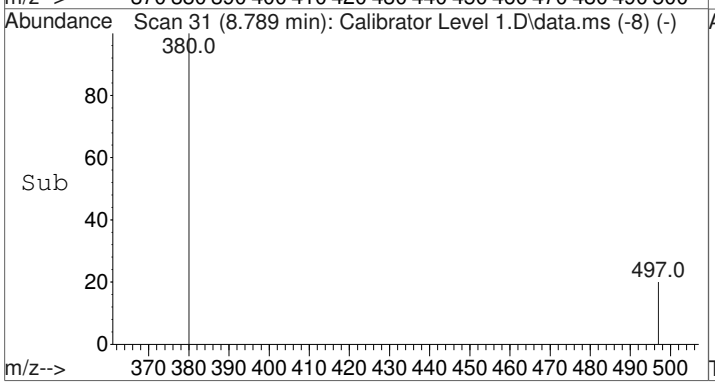


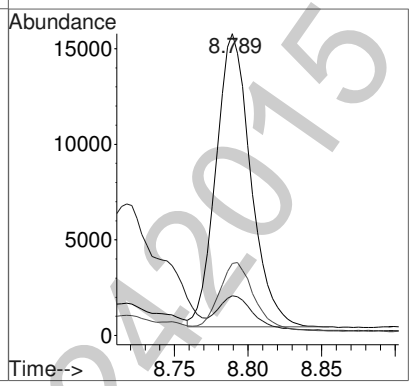


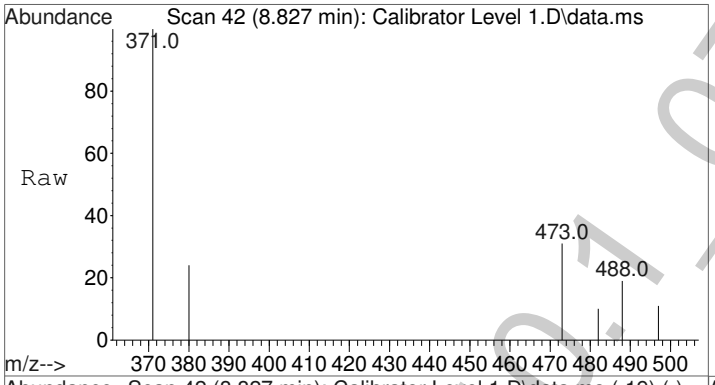
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.789 min Scan# 31
Delta R.T. -0.001 min
Lab File: Calibrator Level 1.D
Acq: 24 Jul 2015 18:53

Tgt Ion:380 Resp: 25190

Ion	Ratio	Lower	Upper
380	100		
482	12.0	9.8	14.6
497	24.0	18.7	28.1



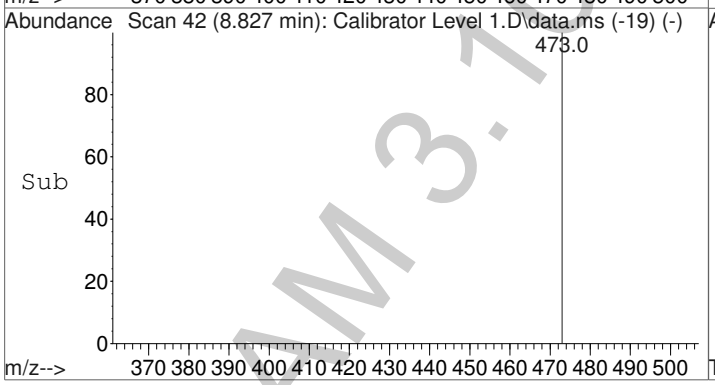


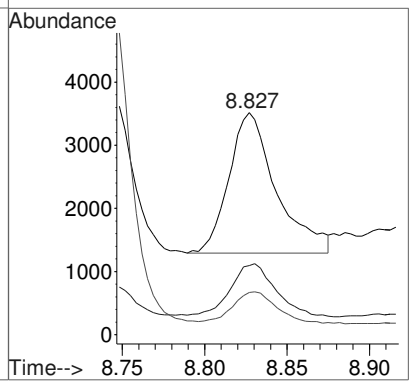


#2
Carboxy-THC-TMS
Concen: 3.54 ng/mL
RT: 8.827 min Scan# 42
Delta R.T. -0.000 min
Lab File: Calibrator Level 1.D
Acq: 24 Jul 2015 18:53

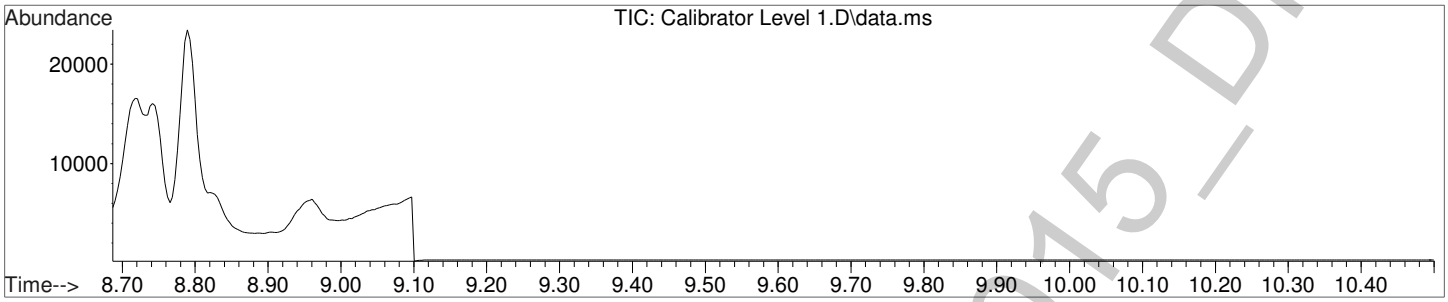
Tgt Ion:371 Resp: 4457

Ion	Ratio	Lower	Upper
371	100		
473	36.3	30.2	45.4
488	21.0	19.0	28.4

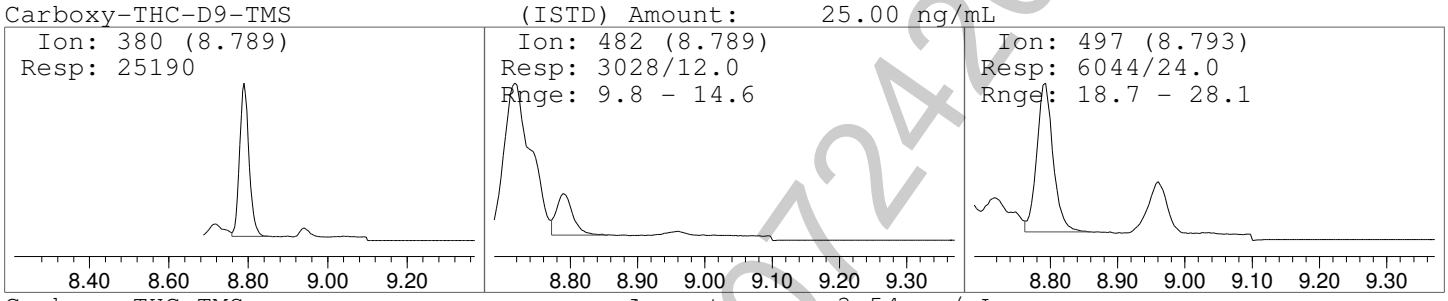




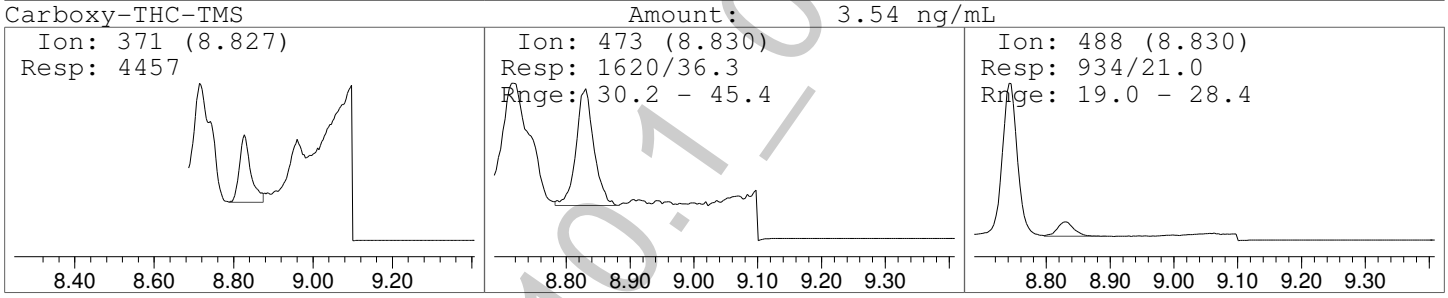
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 1.D
Acq On : 24 Jul 2015 18:53
Operator : Pocatello Laboratory
Sample : Calibrator Level 1: 2.5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 2 Sample Multiplier: 1



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



Carboxy-THC-TMS Amount: 3.54 ng/mL



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 2.D
Acq On : 24 Jul 2015 19:07
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 3 Sample Multiplier: 1

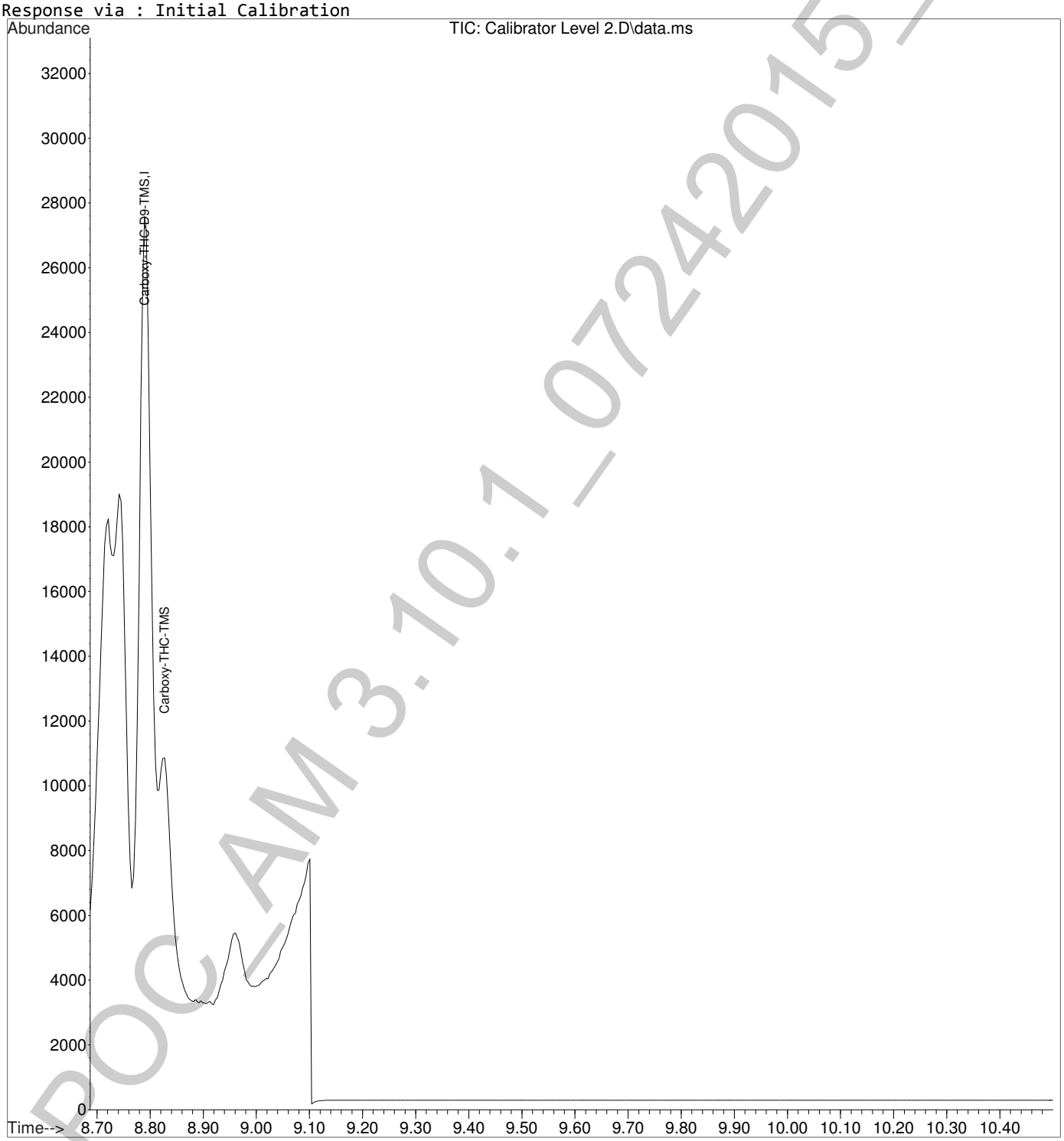
Quant Time: Jul 25 12:06:13 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

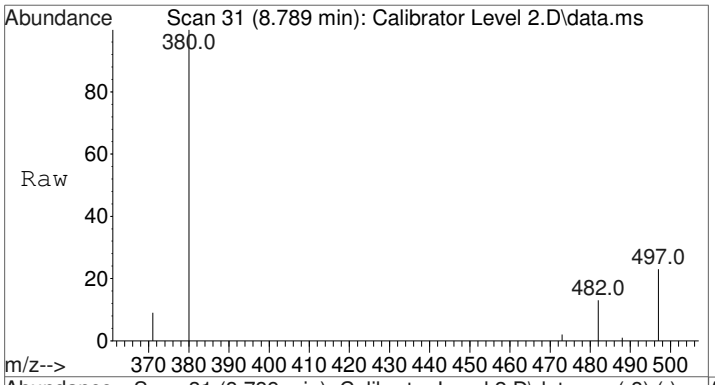
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.789	380	29385	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.827	371	7293	5.08	ng/mL	98

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

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 2.D
Acq On : 24 Jul 2015 19:07
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 25 12:06:13 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

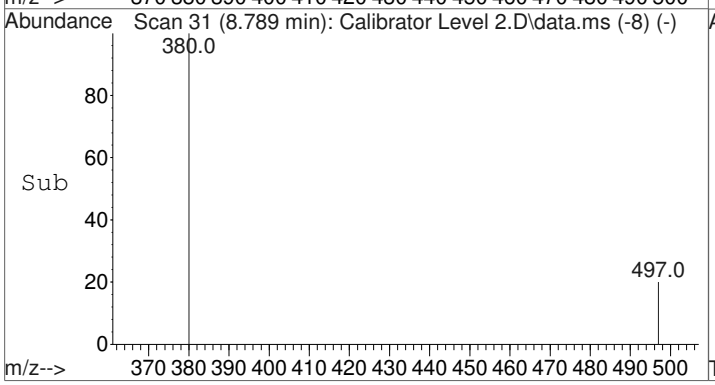


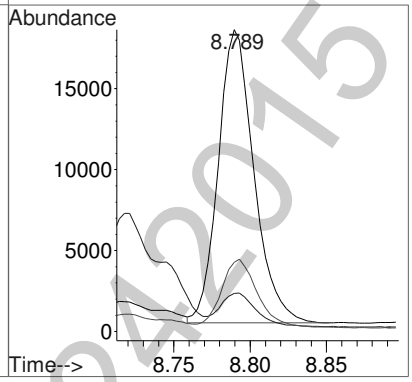


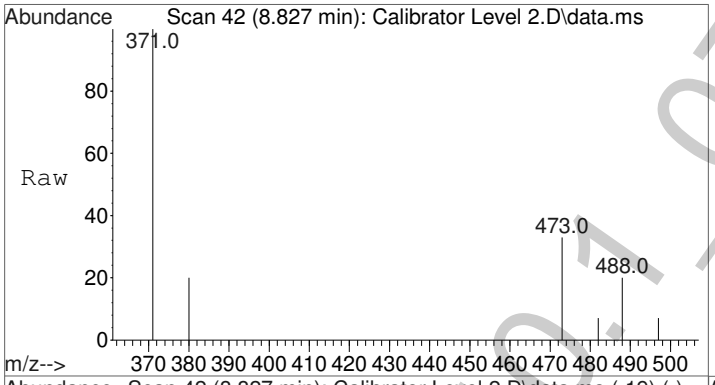
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.789 min Scan# 31
Delta R.T. -0.001 min
Lab File: Calibrator Level 2.D
Acq: 24 Jul 2015 19:07

Tgt Ion:380 Resp: 29385

Ion	Ratio	Lower	Upper
380	100		
482	11.8	9.8	14.6
497	23.2	18.7	28.1



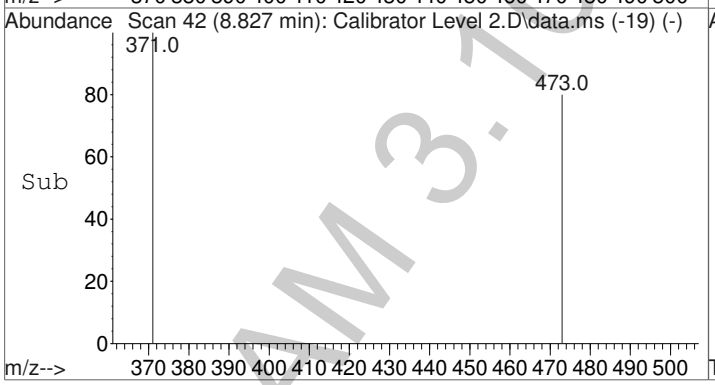


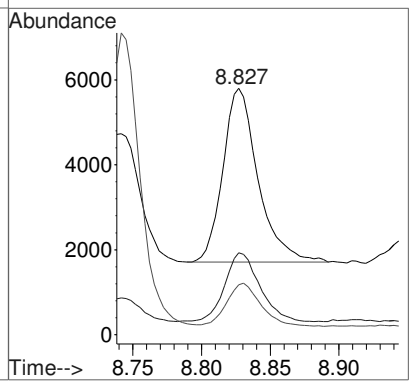


#2
Carboxy-THC-TMS
Concen: 5.08 ng/mL
RT: 8.827 min Scan# 42
Delta R.T. 0.000 min
Lab File: Calibrator Level 2.D
Acq: 24 Jul 2015 19:07

Tgt Ion:371 Resp: 7293

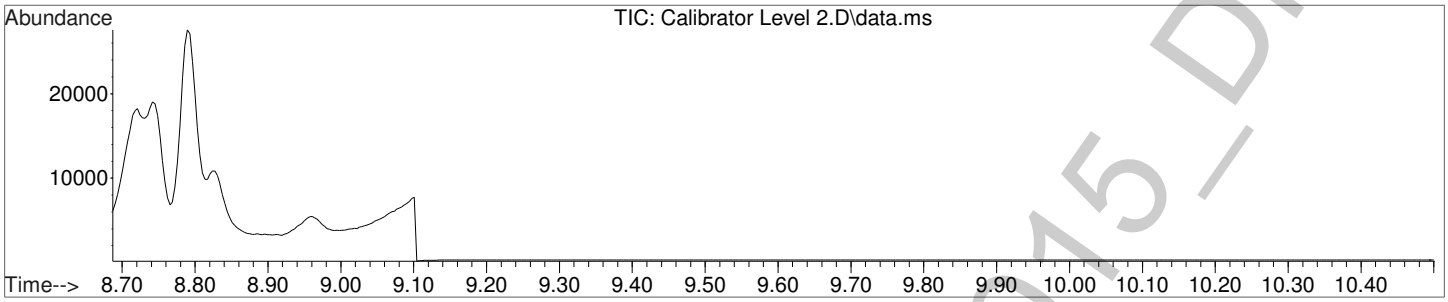
Ion	Ratio	Lower	Upper
371	100		
473	39.4	30.2	45.4
488	24.4	19.0	28.4



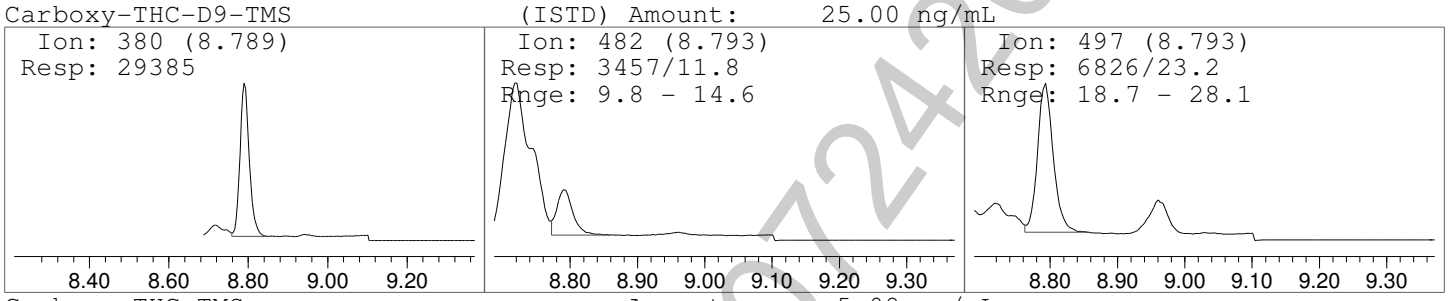


Quantitation Report (Not Reviewed)

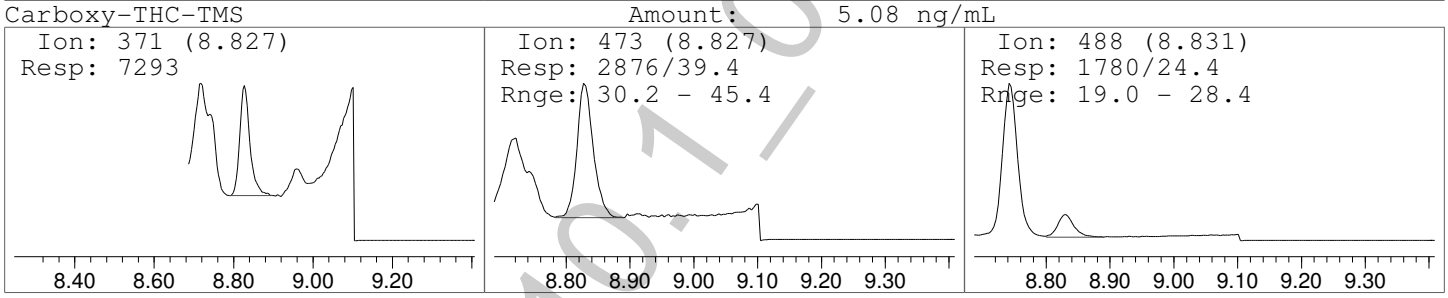
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 2.D
Acq On : 24 Jul 2015 19:07
Operator : Pocatello Laboratory
Sample : Calibrator Level 2: 5 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 3 Sample Multiplier: 1



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



Carboxy-THC-TMS Amount: 5.08 ng/mL



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 3.D
Acq On : 24 Jul 2015 19:22
Operator : Pocatello Laboratory
Sample : Calibrator Level 3: 10 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 25 12:06:19 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

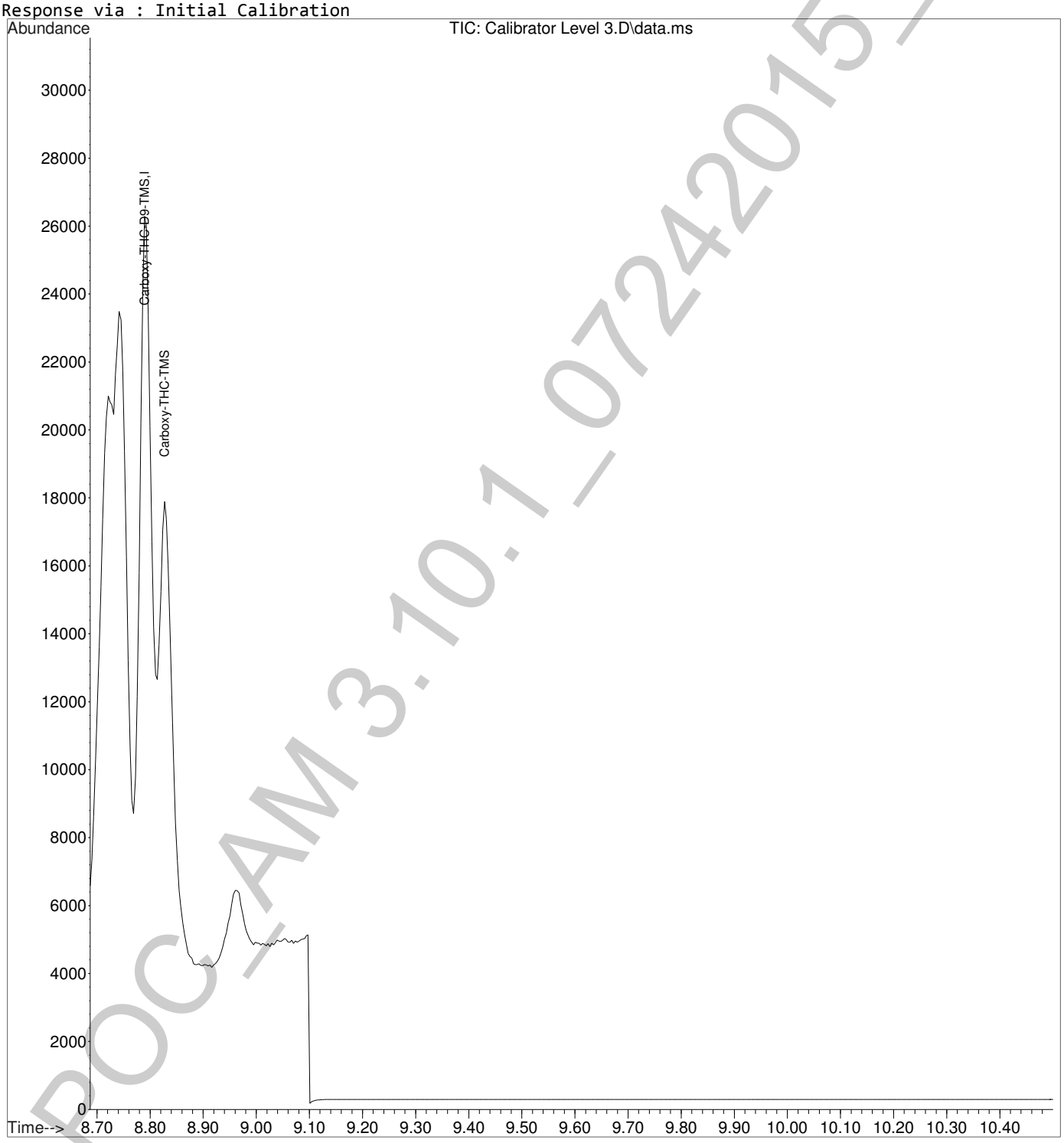
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.790	380	27713	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.827	371	14116	10.72	ng/mL	100

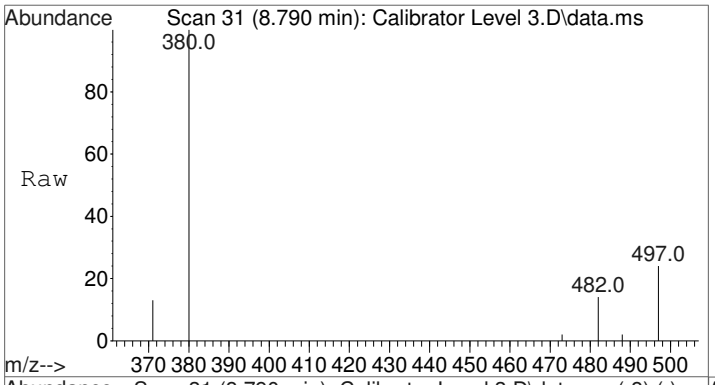
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 3.D
Acq On : 24 Jul 2015 19:22
Operator : Pocatello Laboratory
Sample : Calibrator Level 3: 10 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 25 12:06:19 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

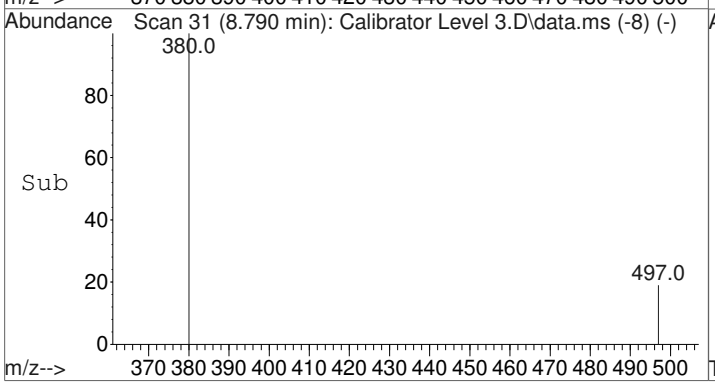


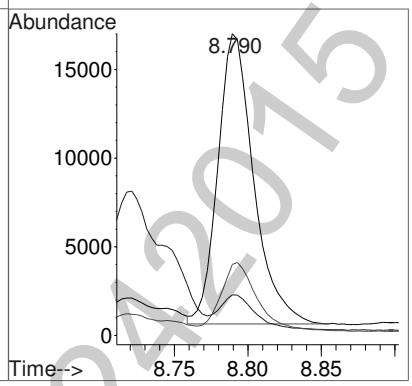


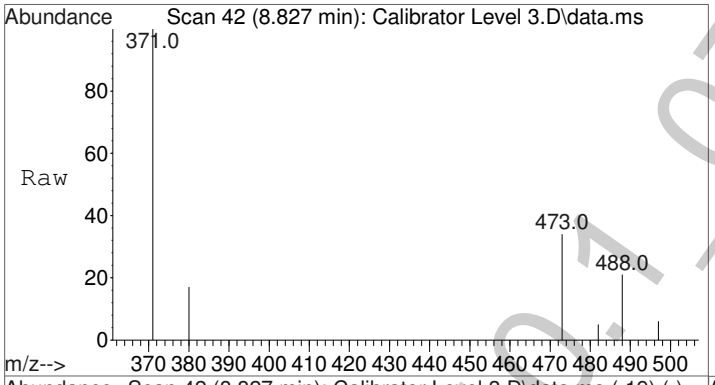
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: Calibrator Level 3.D
Acq: 24 Jul 2015 19:22

Tgt Ion:380 Resp: 27713

Ion	Ratio	Lower	Upper
380	100		
482	12.2	9.8	14.6
497	23.4	18.7	28.1



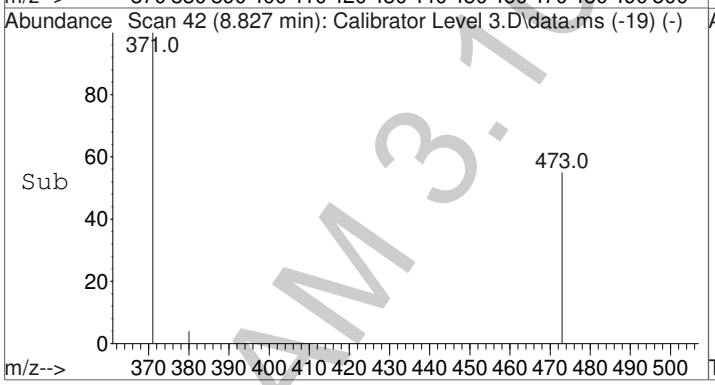


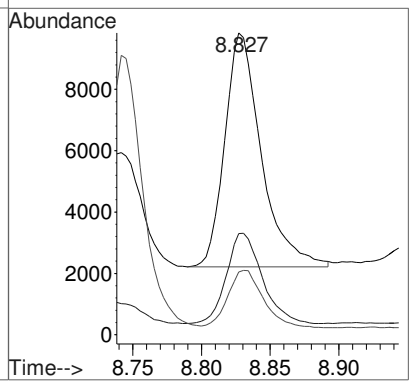


#2
Carboxy-THC-TMS
Concen: 10.72 ng/mL
RT: 8.827 min Scan# 42
Delta R.T. 0.000 min
Lab File: Calibrator Level 3.D
Acq: 24 Jul 2015 19:22

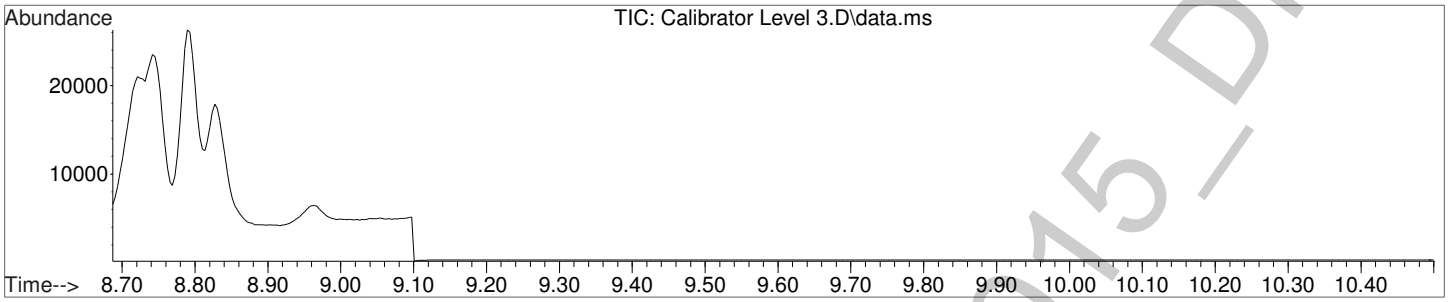
Tgt Ion:371 Resp: 14116

Ion	Ratio	Lower	Upper
371	100		
473	37.8	30.2	45.4
488	23.7	19.0	28.4

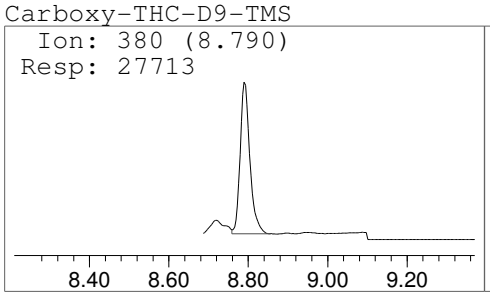


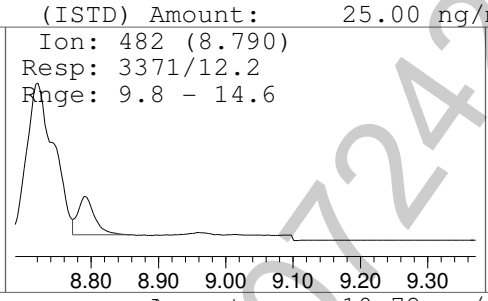


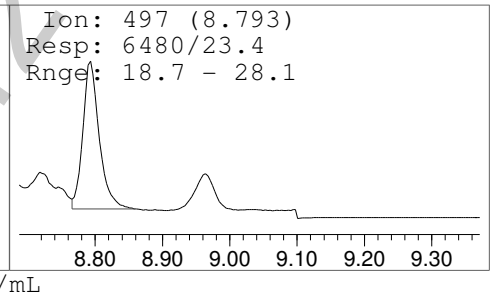
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 3.D
Acq On : 24 Jul 2015 19:22
Operator : Pocatello Laboratory
Sample : Calibrator Level 3: 10 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 4 Sample Multiplier: 1



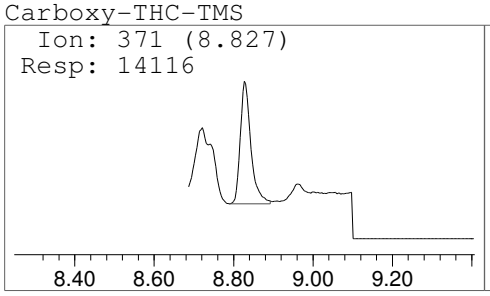
Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL

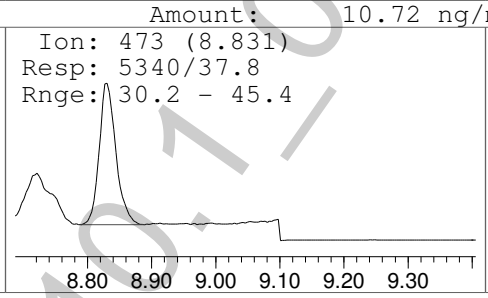


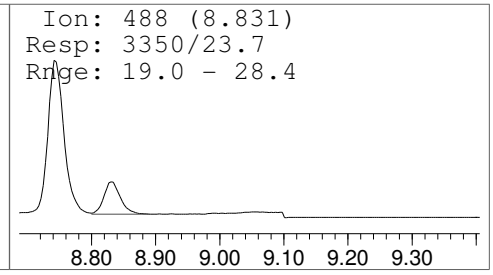




Carboxy-THC-TMS Amount: 10.72 ng/mL







Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 4.D
Acq On : 24 Jul 2015 19:37
Operator : Pocatello Laboratory
Sample : Calibrator Level 4: 25 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 12:06:26 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

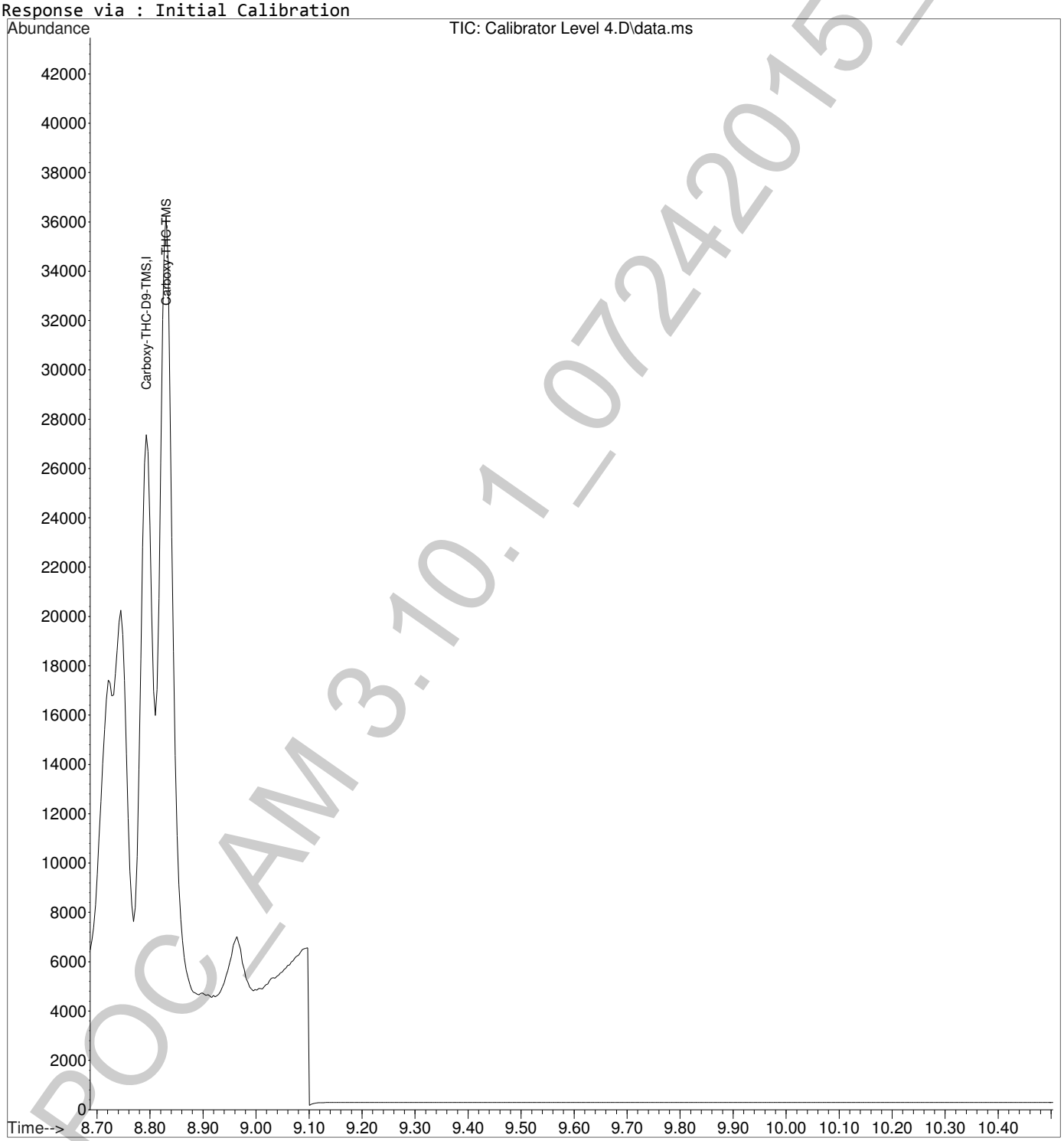
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.793	380	27988	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.831	371	31795	24.26	ng/mL	97

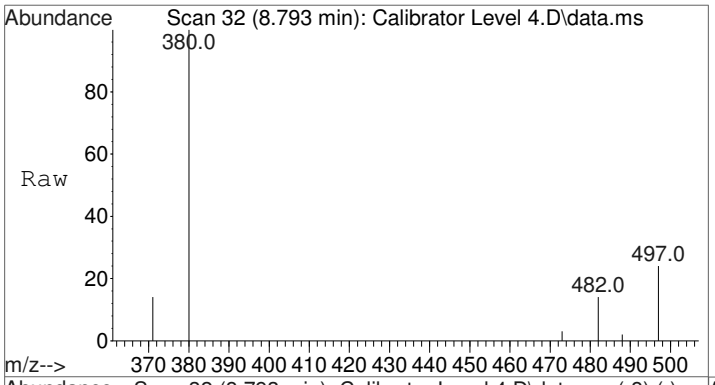
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 4.D
Acq On : 24 Jul 2015 19:37
Operator : Pocatello Laboratory
Sample : Calibrator Level 4: 25 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 12:06:26 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

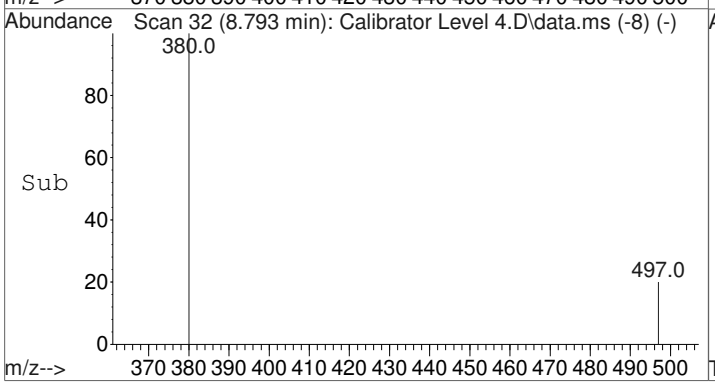


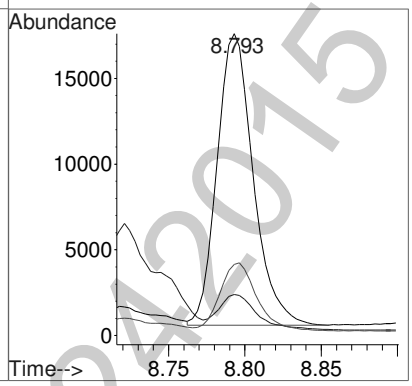


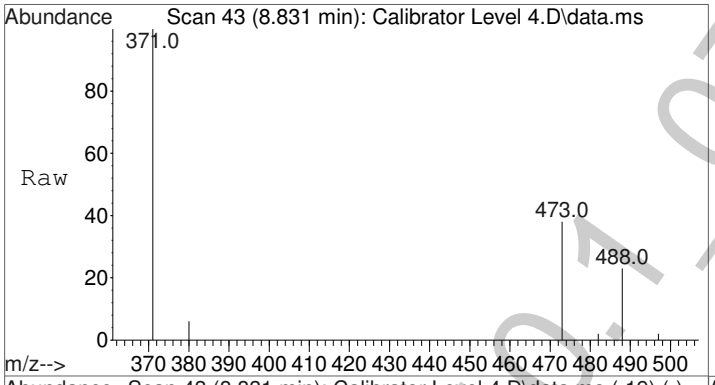
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.793 min Scan# 32
Delta R.T. 0.003 min
Lab File: Calibrator Level 4.D
Acq: 24 Jul 2015 19:37

Tgt Ion:380 Resp: 27988

Ion	Ratio	Lower	Upper
380	100		
482	12.9	9.8	14.6
497	23.6	18.7	28.1



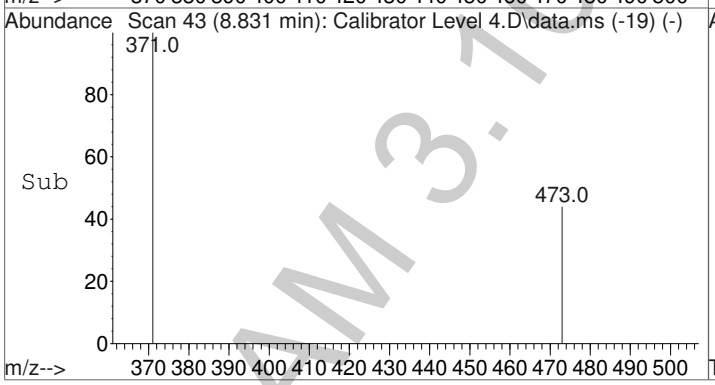


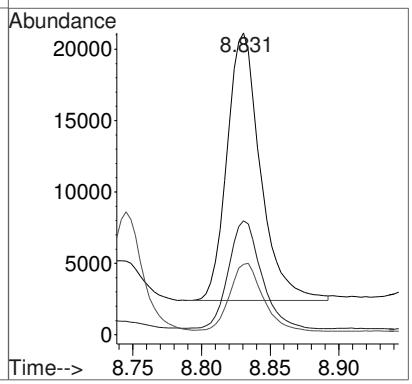


#2
Carboxy-THC-TMS
Concen: 24.26 ng/mL
RT: 8.831 min Scan# 43
Delta R.T. 0.004 min
Lab File: Calibrator Level 4.D
Acq: 24 Jul 2015 19:37

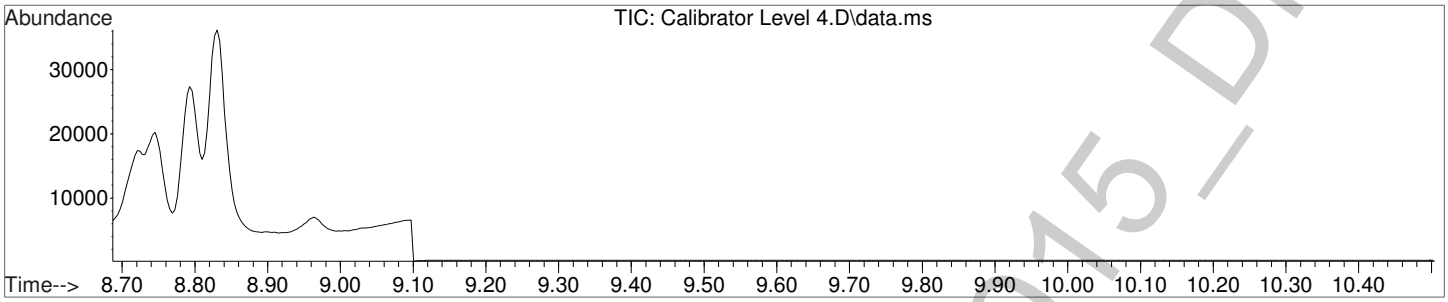
Tgt Ion:371 Resp: 31795

Ion	Ratio	Lower	Upper
371	100		
473	39.8	30.2	45.4
488	25.1	19.0	28.4

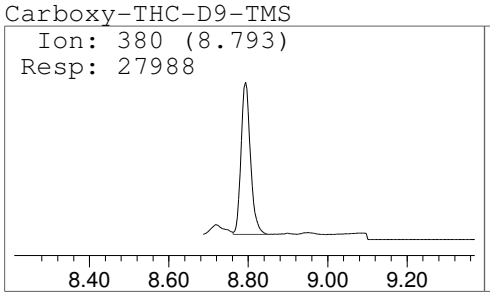


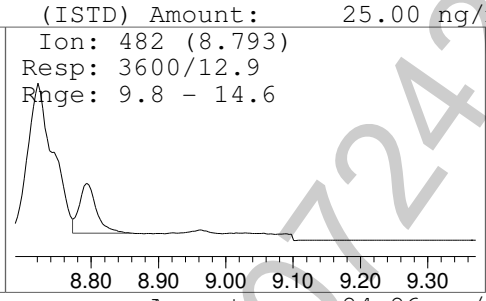


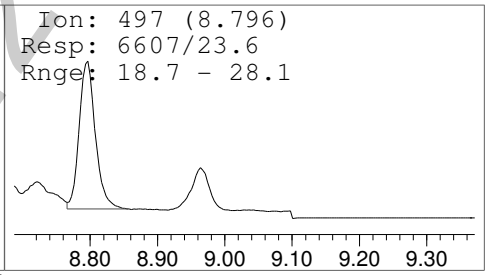
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 4.D
Acq On : 24 Jul 2015 19:37
Operator : Pocatello Laboratory
Sample : Calibrator Level 4: 25 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 5 Sample Multiplier: 1



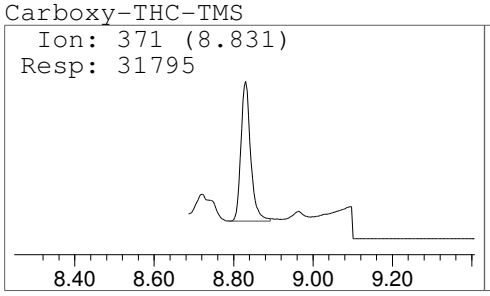
Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL

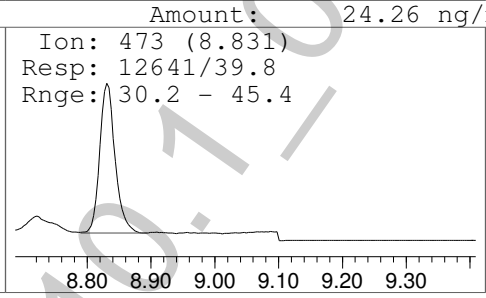


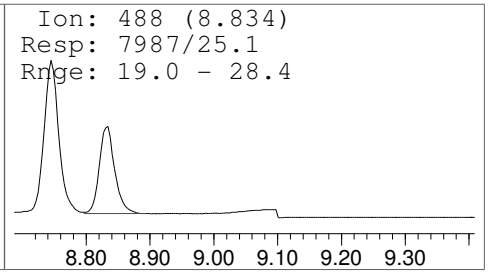




Carboxy-THC-TMS Amount: 24.26 ng/mL







Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 5.D
Acq On : 24 Jul 2015 19:51
Operator : Pocatello Laboratory
Sample : Calibrator Level 5: 50 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 6 Sample Multiplier: 1

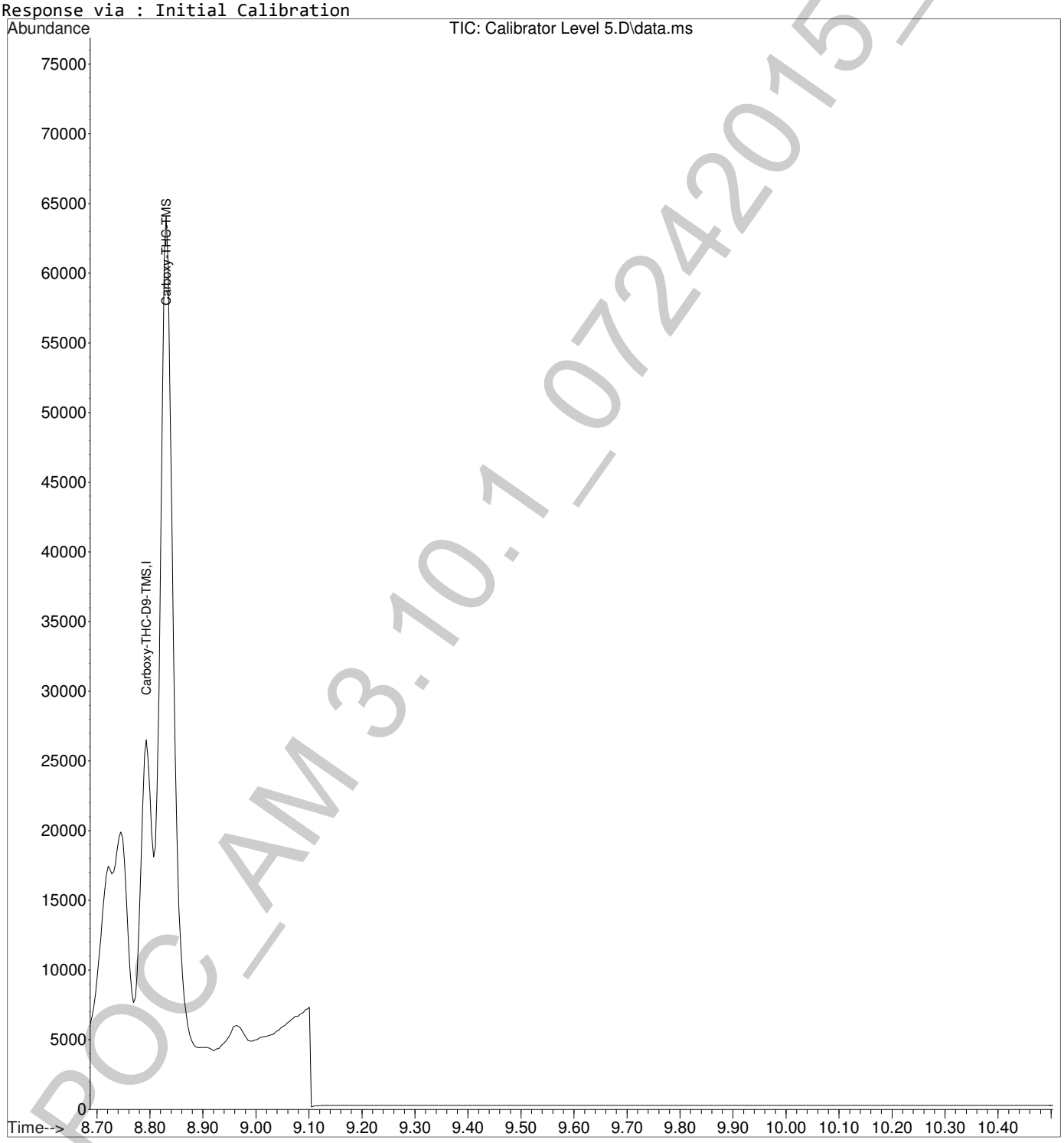
Quant Time: Jul 25 12:06:31 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

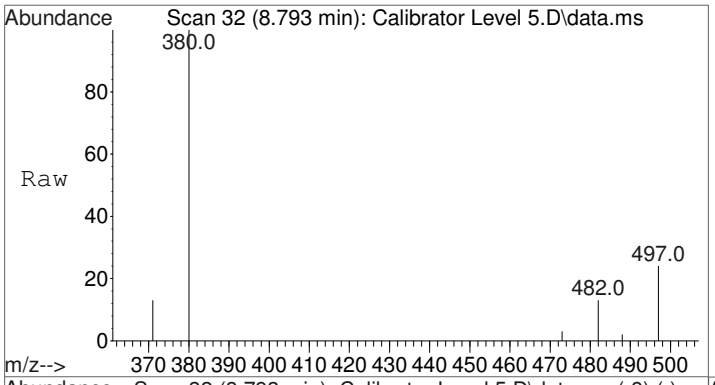
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.793	380	27267	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.831	371	60489	47.65	ng/mL	97

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

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 5.D
Acq On : 24 Jul 2015 19:51
Operator : Pocatello Laboratory
Sample : Calibrator Level 5: 50 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 25 12:06:31 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

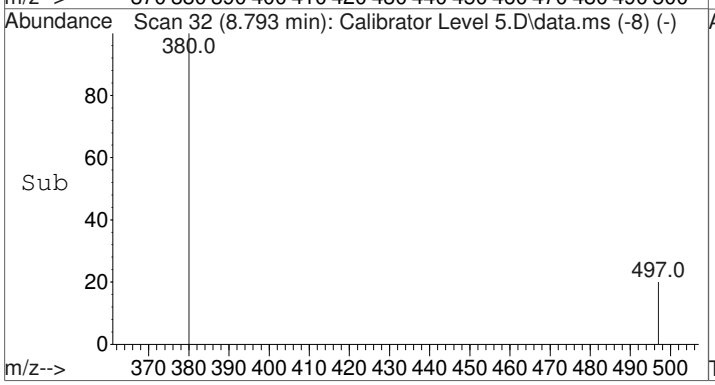


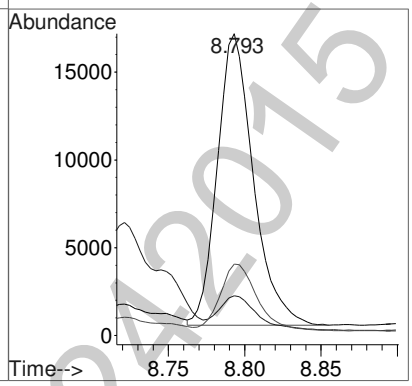


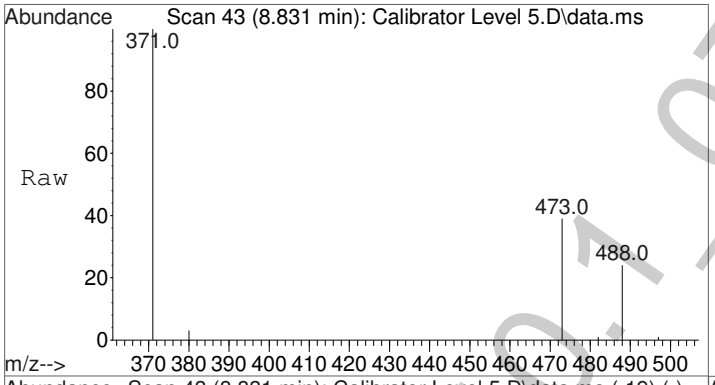
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.793 min Scan# 32
Delta R.T. 0.003 min
Lab File: Calibrator Level 5.D
Acq: 24 Jul 2015 19:51

Tgt Ion:380 Resp: 27267

Ion	Ratio	Lower	Upper
380	100		
482	12.6	9.8	14.6
497	23.3	18.7	28.1



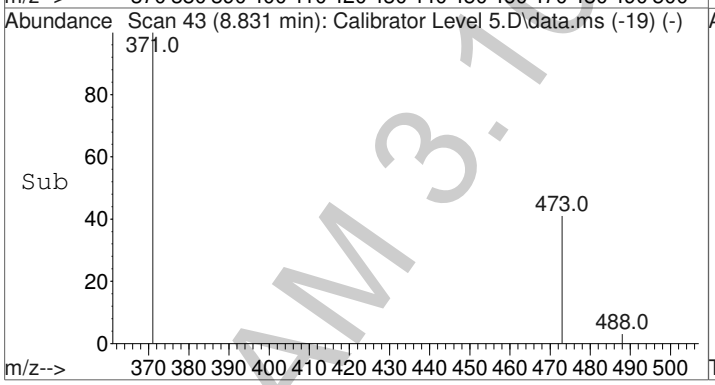


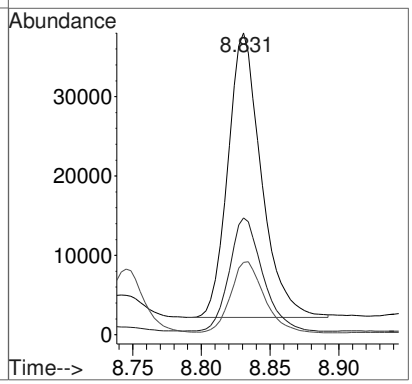


#2
Carboxy-THC-TMS
Concen: 47.65 ng/mL
RT: 8.831 min Scan# 43
Delta R.T. 0.004 min
Lab File: Calibrator Level 5.D
Acq: 24 Jul 2015 19:51

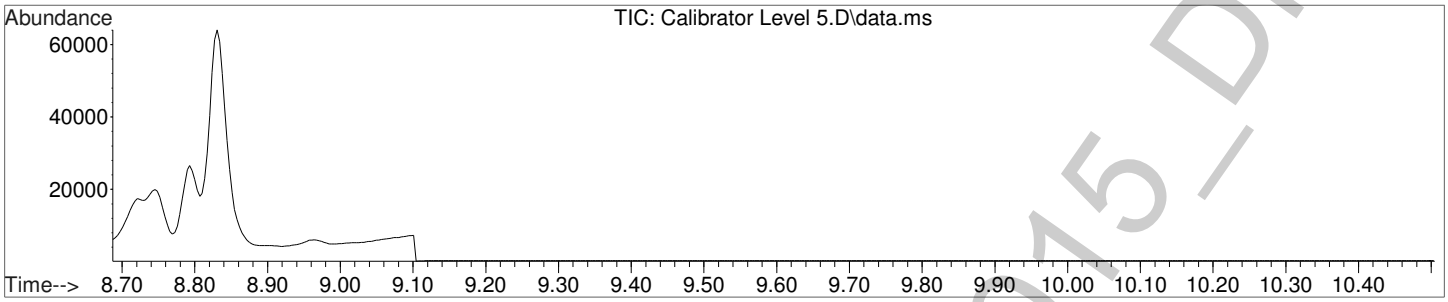
Tgt Ion:371 Resp: 60489

Ion	Ratio	Lower	Upper
371	100		
473	39.8	30.2	45.4
488	25.1	19.0	28.4

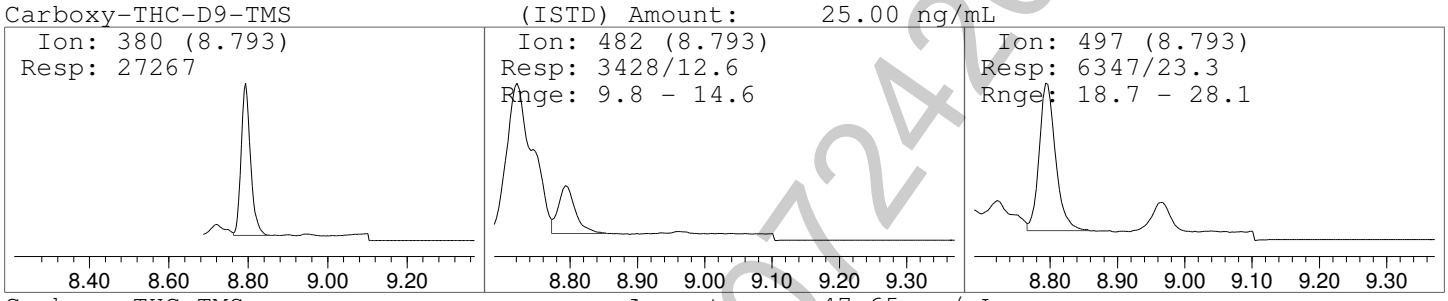




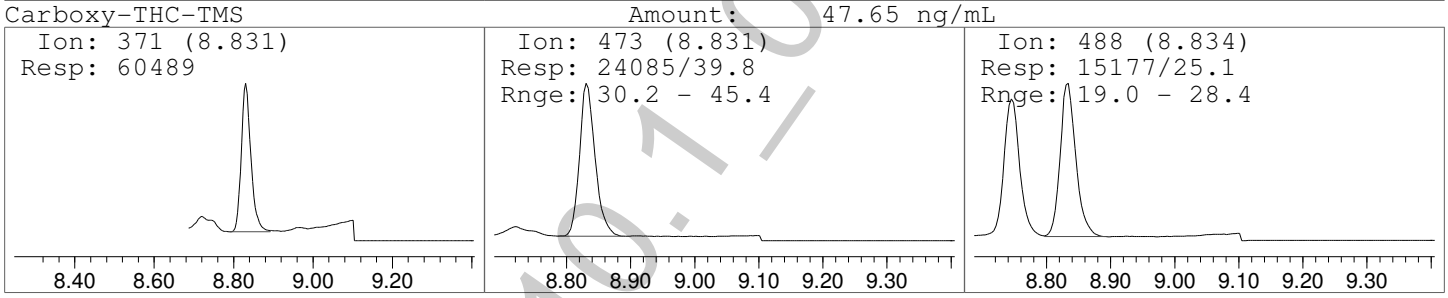
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 5.D
Acq On : 24 Jul 2015 19:51
Operator : Pocatello Laboratory
Sample : Calibrator Level 5: 50 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 6 Sample Multiplier: 1



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



Carboxy-THC-TMS Amount: 47.65 ng/mL



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 6.D
Acq On : 24 Jul 2015 20:06
Operator : Pocatello Laboratory
Sample : Calibrator Level 6: 100 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 25 12:06:37 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

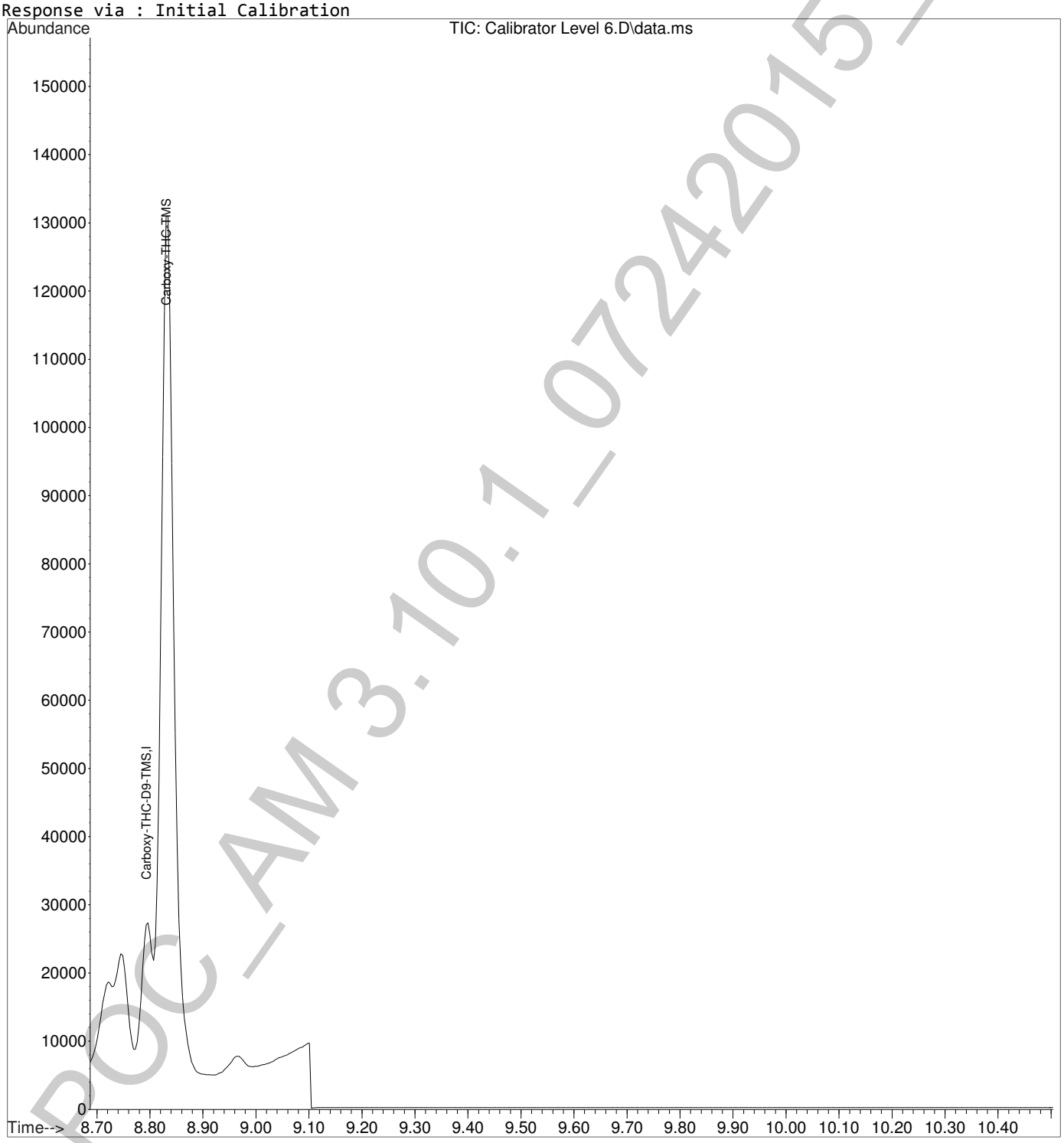
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.793	380	27126	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.831	371	127486	101.26	ng/mL	97

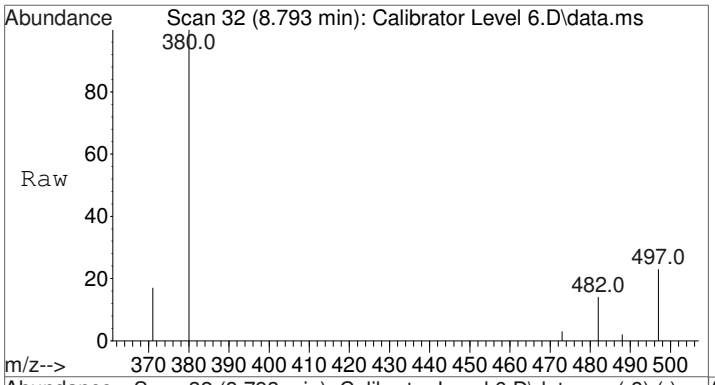
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 6.D
Acq On : 24 Jul 2015 20:06
Operator : Pocatello Laboratory
Sample : Calibrator Level 6: 100 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 25 12:06:37 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

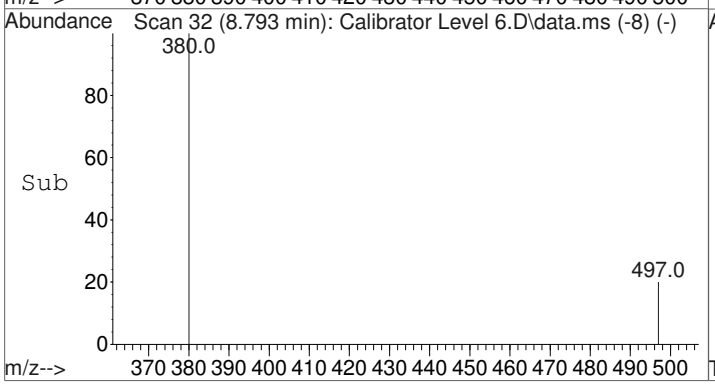


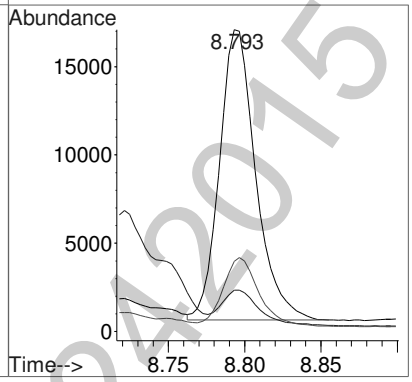


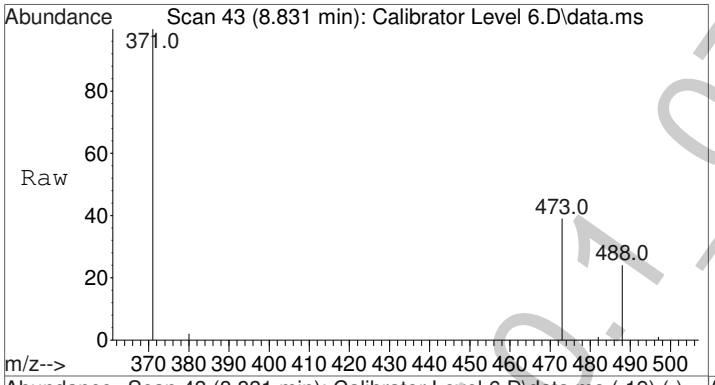
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.793 min Scan# 32
Delta R.T. 0.003 min
Lab File: Calibrator Level 6.D
Acq: 24 Jul 2015 20:06

Tgt Ion:380 Resp: 27126

Ion	Ratio	Lower	Upper
380	100		
482	12.6	9.8	14.6
497	23.3	18.7	28.1



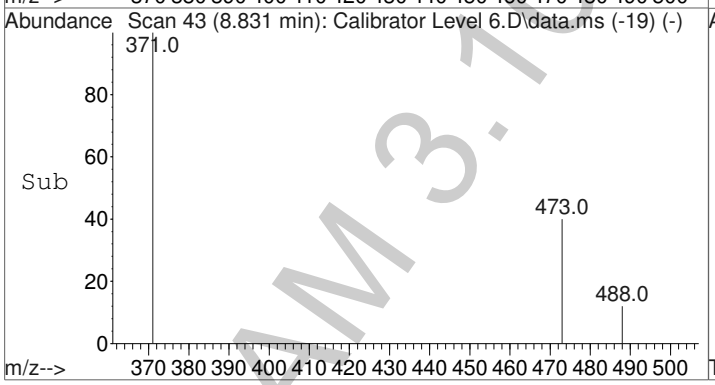


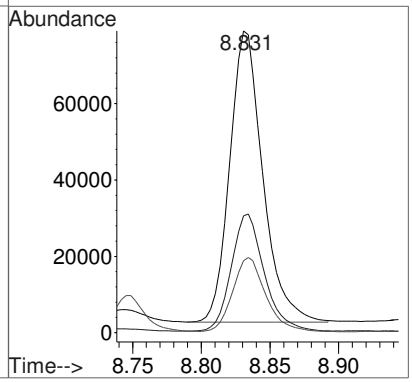


#2
Carboxy-THC-TMS
Concen: 101.26 ng/mL
RT: 8.831 min Scan# 43
Delta R.T. 0.004 min
Lab File: Calibrator Level 6.D
Acq: 24 Jul 2015 20:06

Tgt Ion:371 Resp: 127486

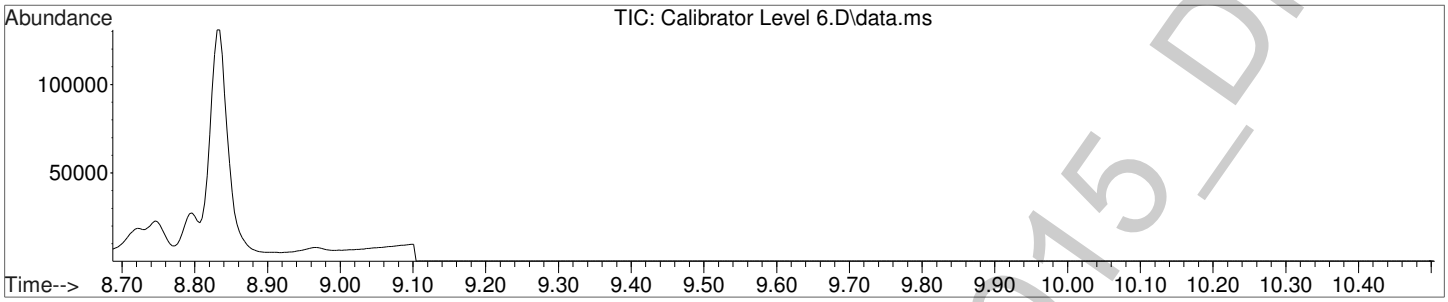
Ion	Ratio	Lower	Upper
371	100		
473	40.1	30.2	45.4
488	25.2	19.0	28.4



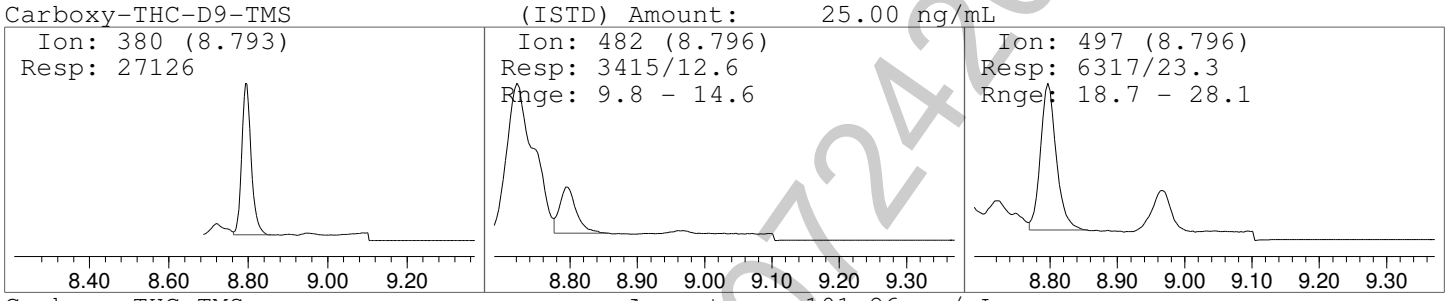


Quantitation Report (Not Reviewed)

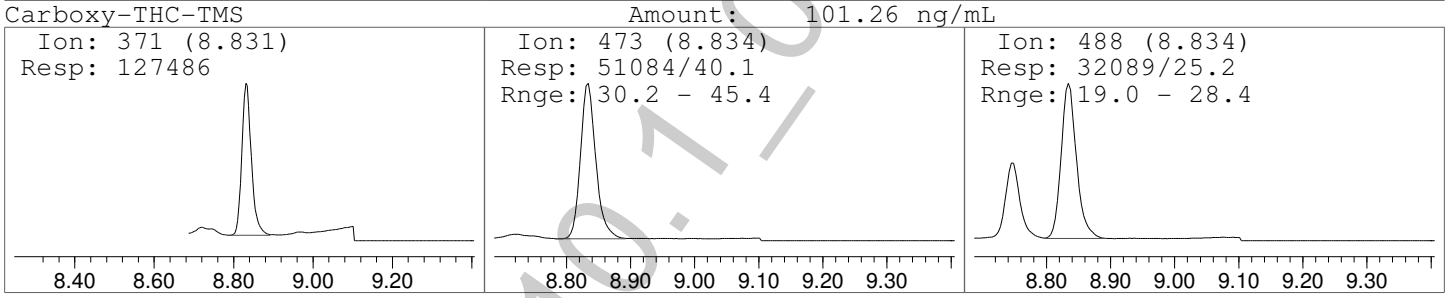
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Calibrator Level 6.D
Acq On : 24 Jul 2015 20:06
Operator : Pocatello Laboratory
Sample : Calibrator Level 6: 100 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 7 Sample Multiplier: 1



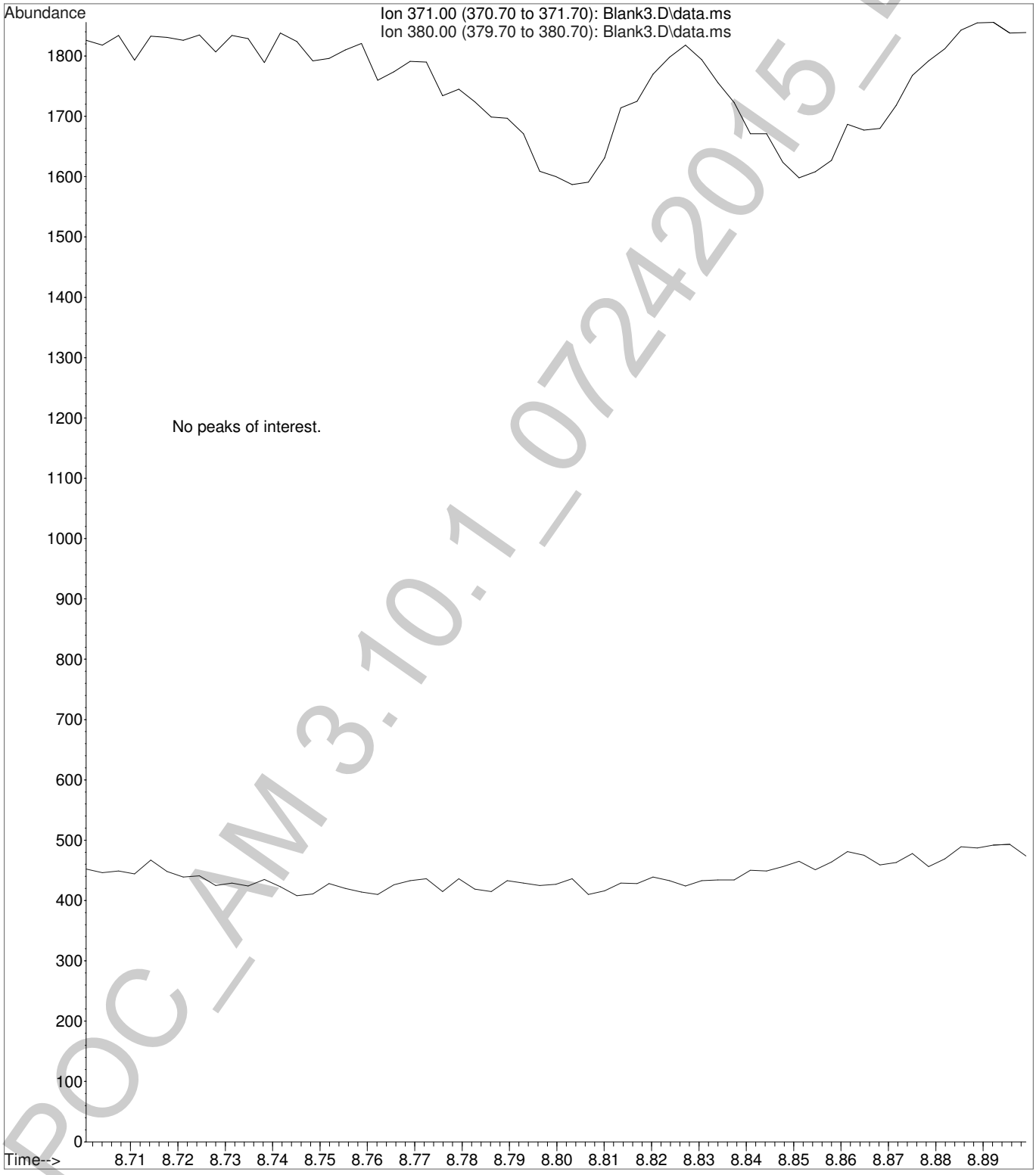
Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



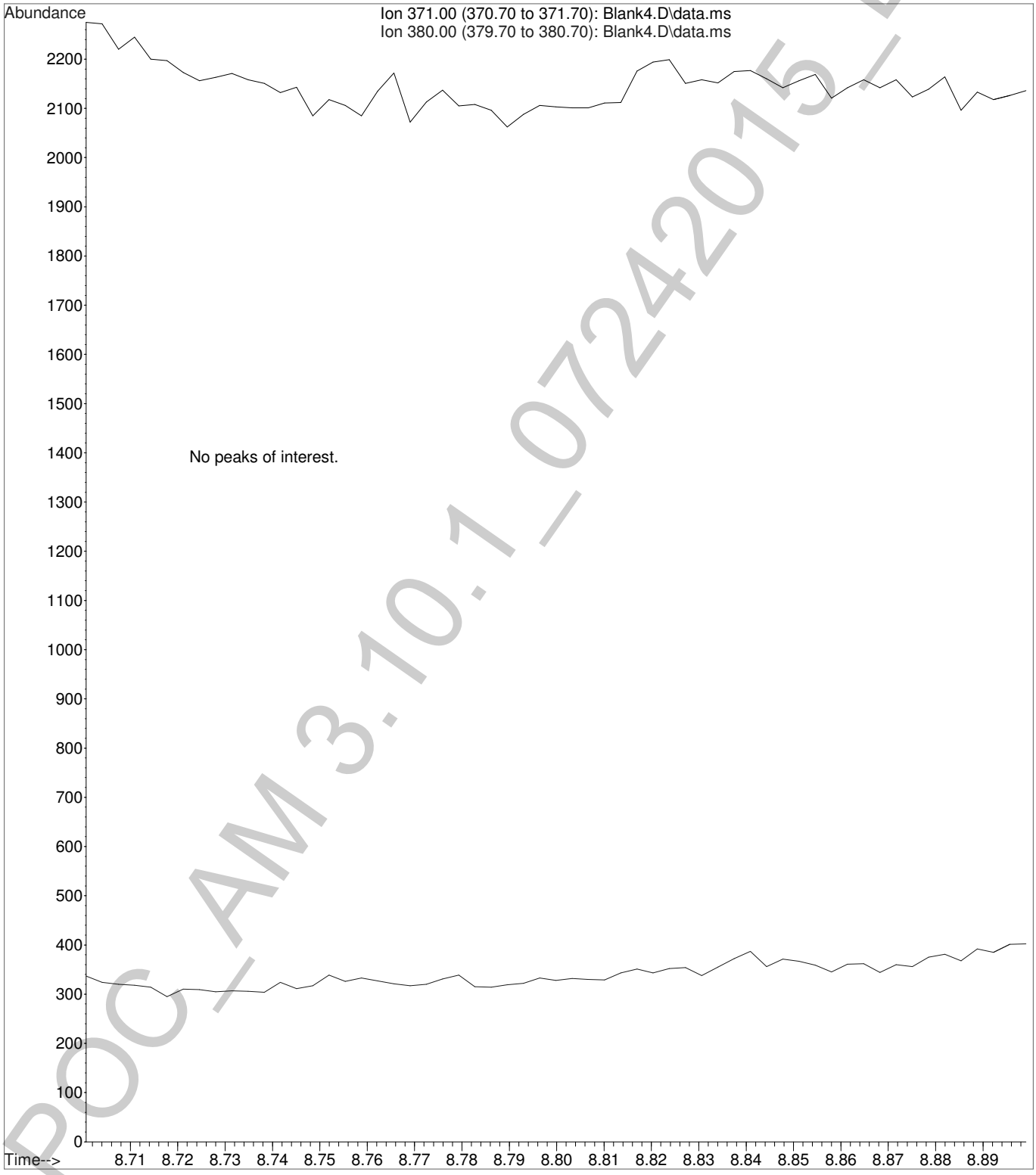
Carboxy-THC-TMS Amount: 101.26 ng/mL



File :C:\gcms\1\data\Blood\072415MJ\Blank3.D
Operator : Pocatello Laboratory
Acquired : 24 Jul 2015 20:21 using AcqMethod CANN-11-10-2010.M
Instrument : Bones
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 98



File :C:\gcms\1\data\Blood\072415MJ\Blank4.D
Operator : Pocatello Laboratory
Acquired : 24 Jul 2015 21:36 using AcqMethod CANN-11-10-2010.M
Instrument : Bones
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 97



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Low Control-1.D
Acq On : 24 Jul 2015 21:51
Operator : Pocatello Laboratory
Sample : Low Control: 6 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 25 12:06:55 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

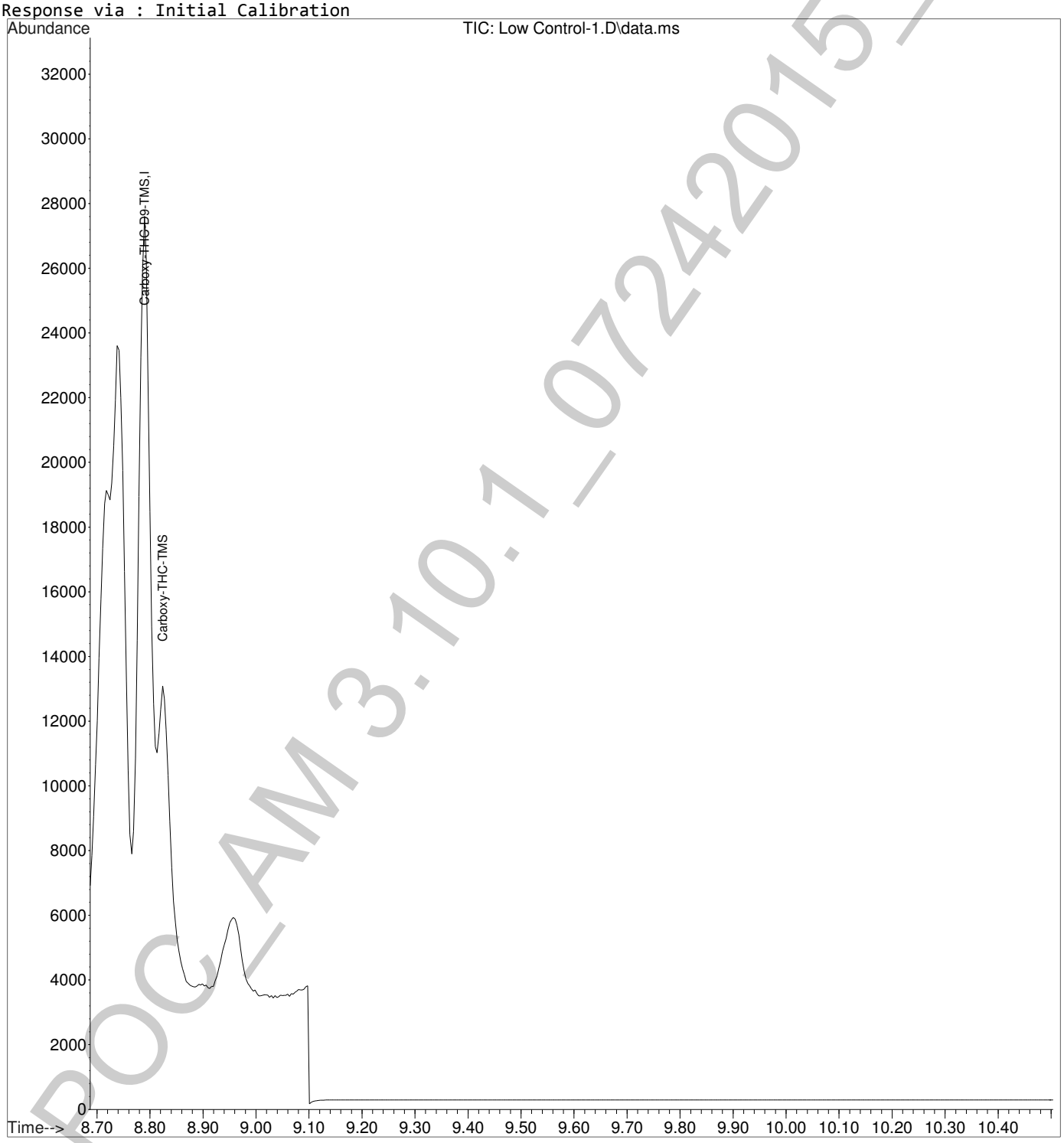
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.790	380	29303	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.824	371	8980	6.34	ng/mL	98

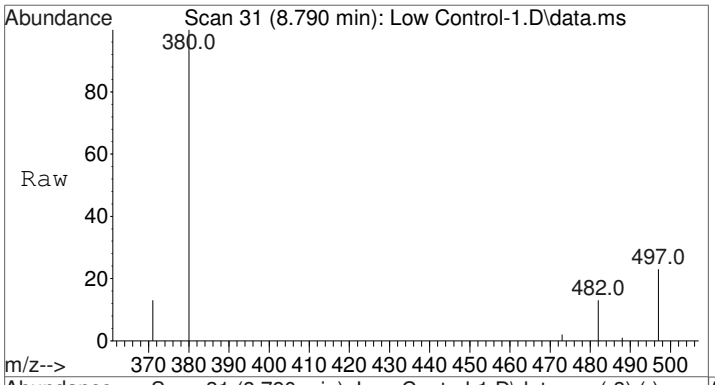
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Low Control-1.D
Acq On : 24 Jul 2015 21:51
Operator : Pocatello Laboratory
Sample : Low Control: 6 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 25 12:06:55 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

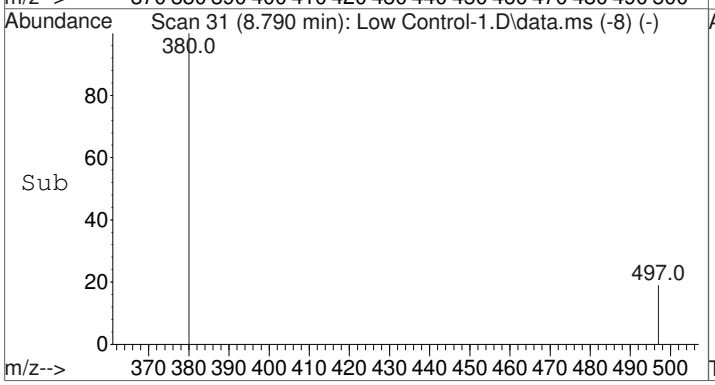


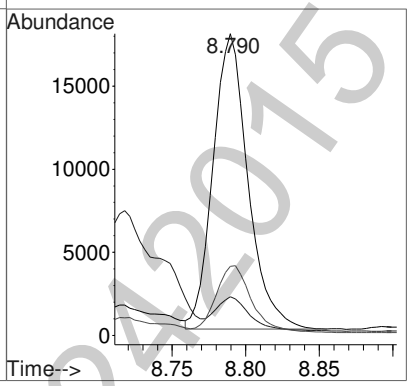


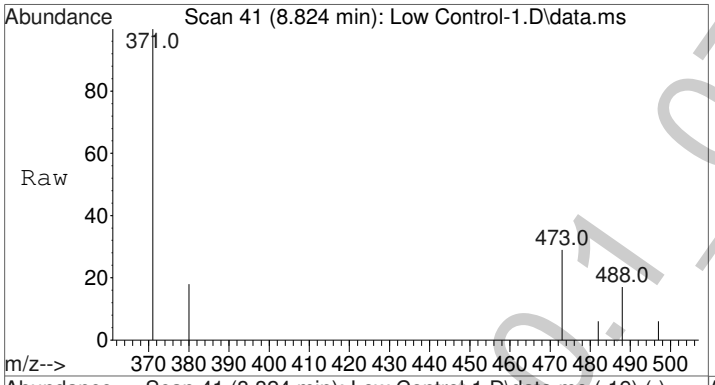
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: Low Control-1.D
Acq: 24 Jul 2015 21:51

Tgt Ion:380 Resp: 29303

Ion	Ratio	Lower	Upper
380	100		
482	11.6	9.8	14.6
497	22.9	18.7	28.1



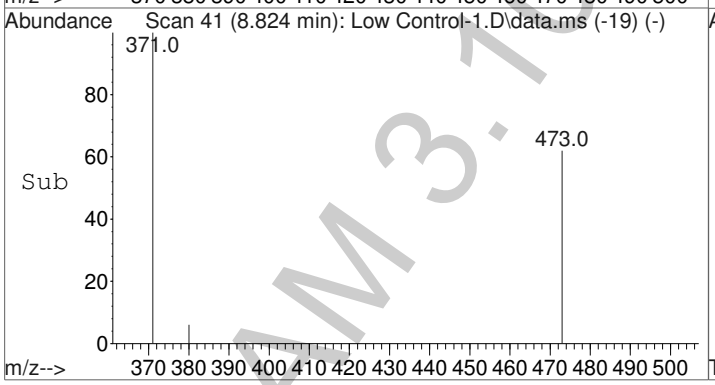


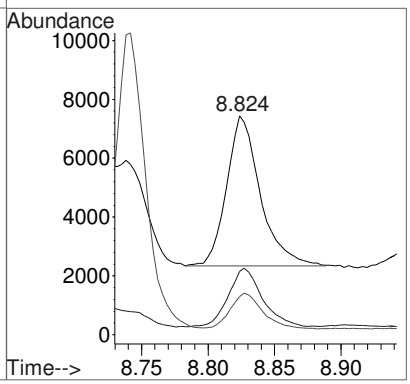


#2
Carboxy-THC-TMS
Concen: 6.34 ng/mL
RT: 8.824 min Scan# 41
Delta R.T. -0.003 min
Lab File: Low Control-1.D
Acq: 24 Jul 2015 21:51

Tgt Ion:371 Resp: 8980

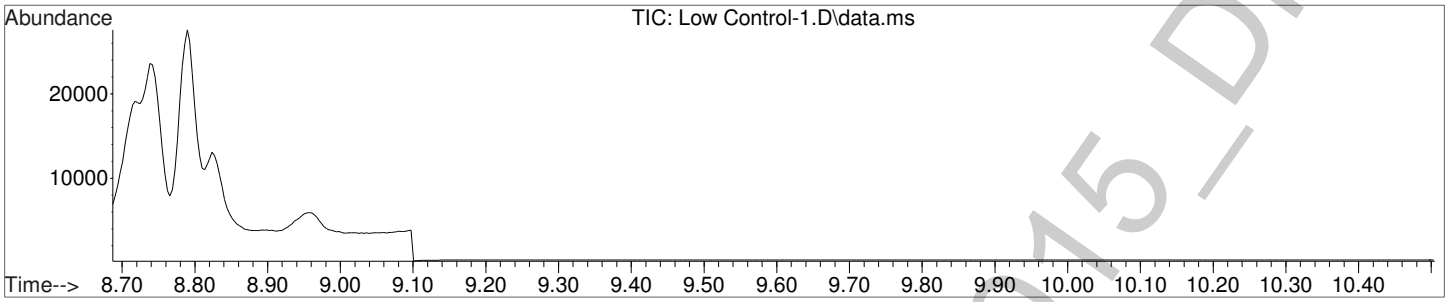
Ion	Ratio	Lower	Upper
371	100		
473	39.3	30.2	45.4
488	22.9	19.0	28.4



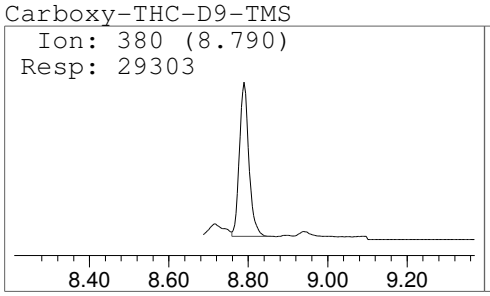


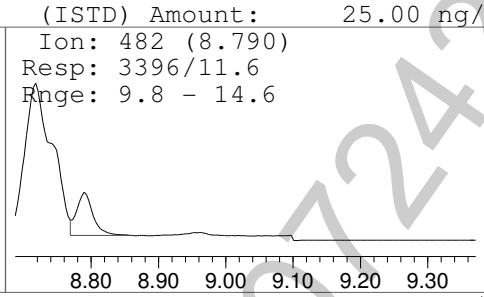
Quantitation Report (Not Reviewed)

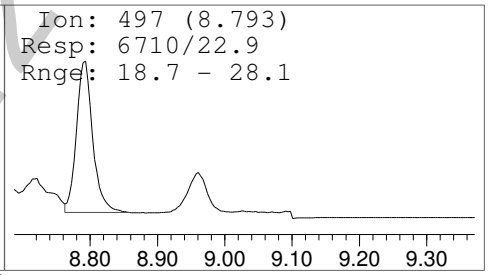
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Low Control-1.D
Acq On : 24 Jul 2015 21:51
Operator : Pocatello Laboratory
Sample : Low Control: 6 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 8 Sample Multiplier: 1



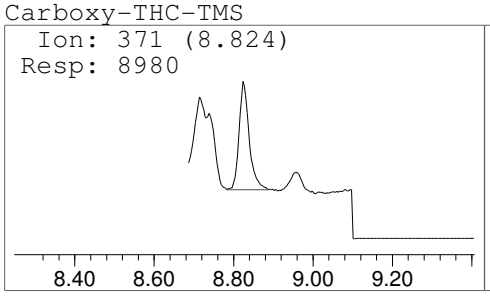
Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL

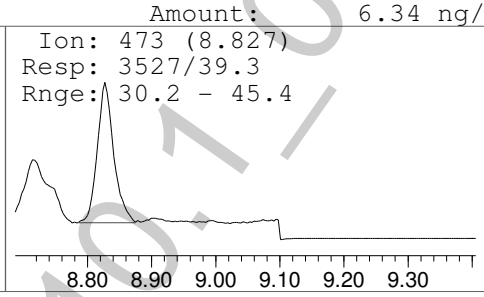


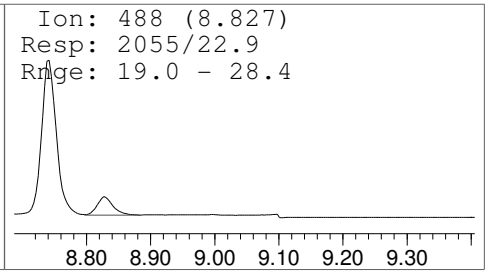




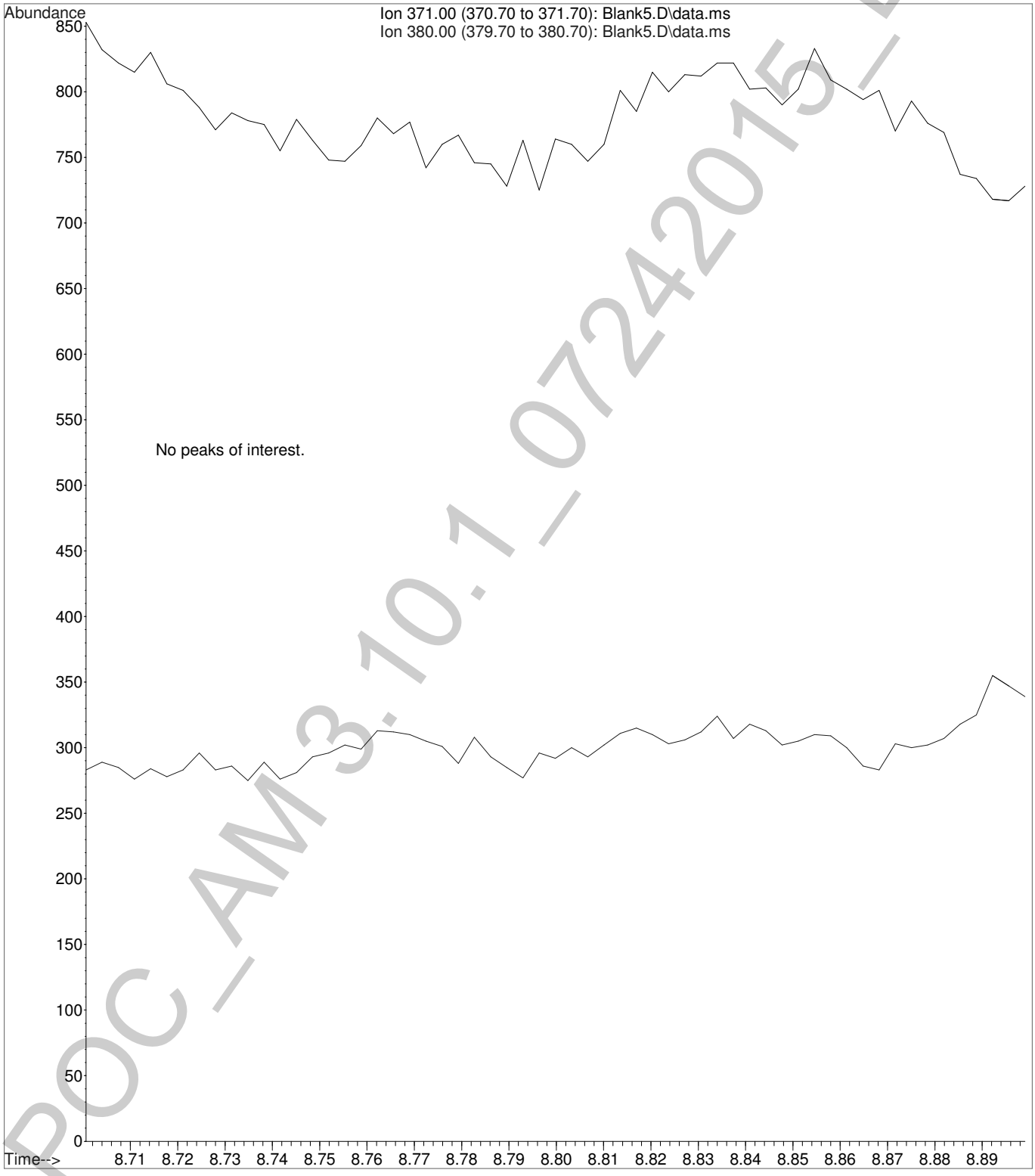
Carboxy-THC-TMS Amount: 6.34 ng/mL







File :C:\gcms\1\data\Blood\072415MJ\Blank5.D
Operator : Pocatello Laboratory
Acquired : 24 Jul 2015 23:34 using AcqMethod CANN-11-10-2010.M
Instrument : Bones
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 96



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : High Control-1.D
Acq On : 24 Jul 2015 23:49
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 25 12:07:06 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

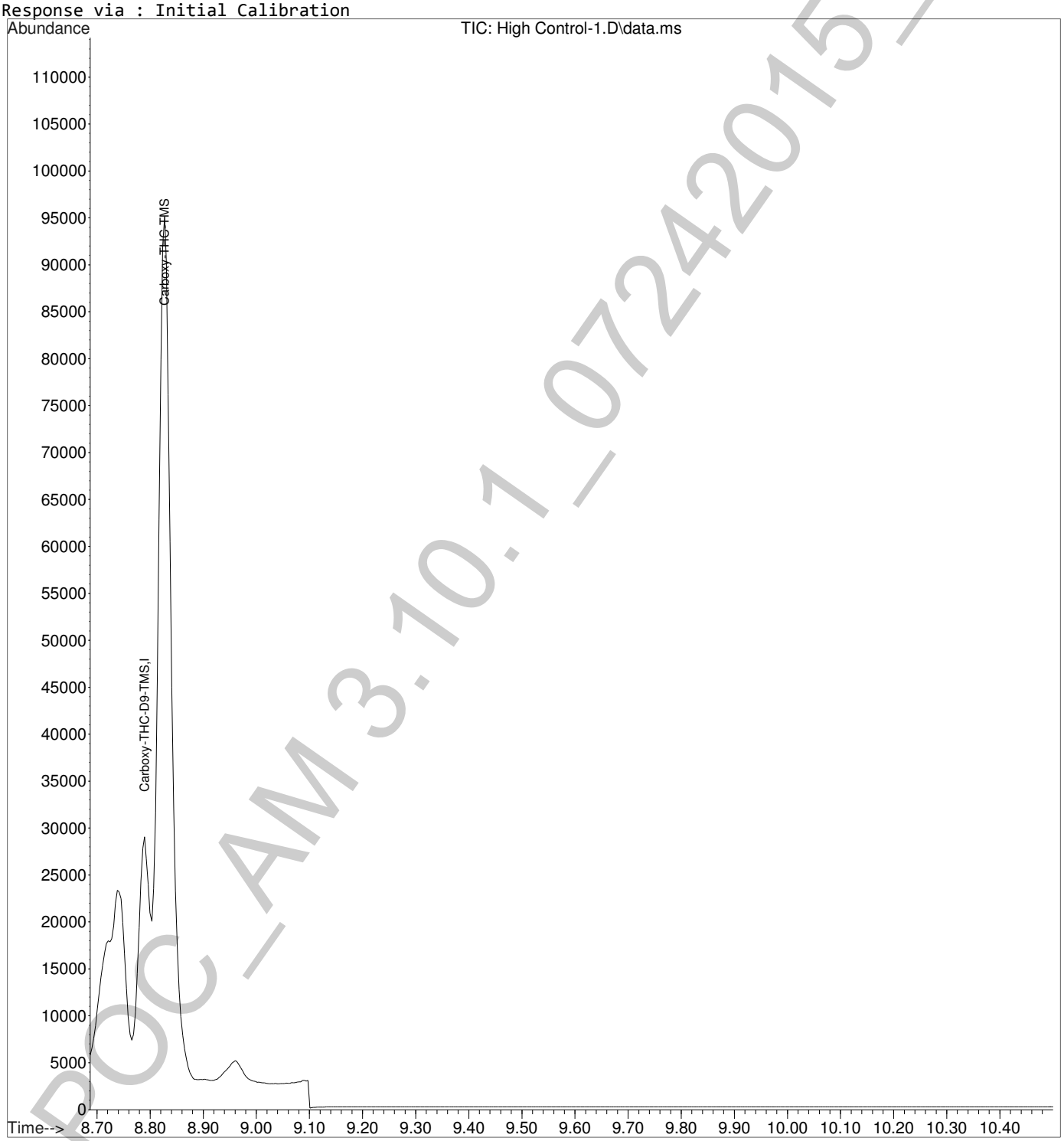
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.789	380	32009	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.827	371	93008	62.50	ng/mL	97

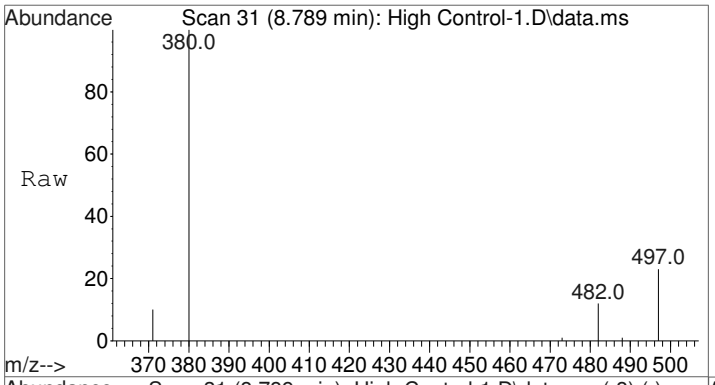
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : High Control-1.D
Acq On : 24 Jul 2015 23:49
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 25 12:07:06 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

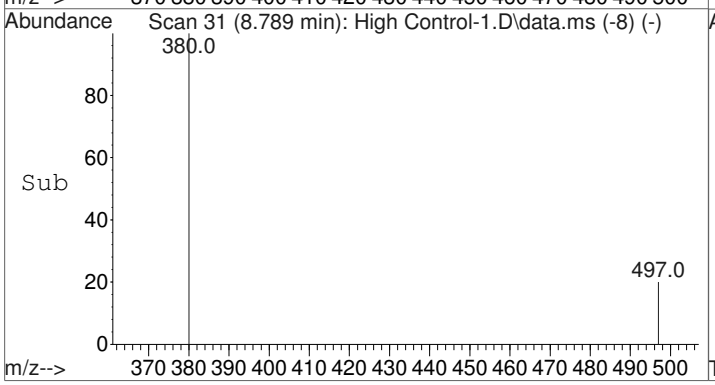


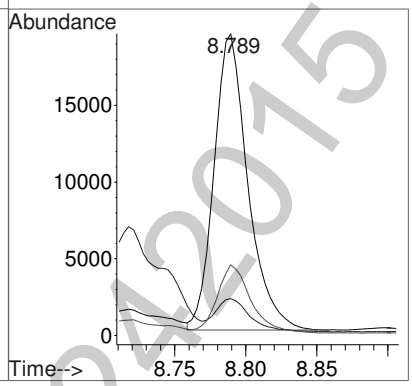


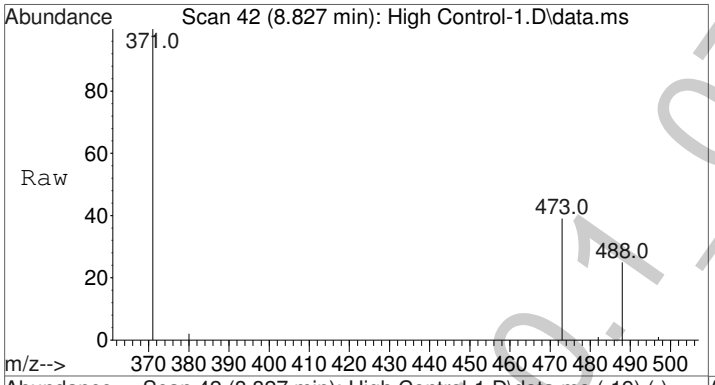
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.789 min Scan# 31
Delta R.T. -0.001 min
Lab File: High Control-1.D
Acq: 24 Jul 2015 23:49

Tgt Ion:380 Resp: 32009

Ion	Ratio	Lower	Upper
380	100		
482	11.6	9.8	14.6
497	22.7	18.7	28.1



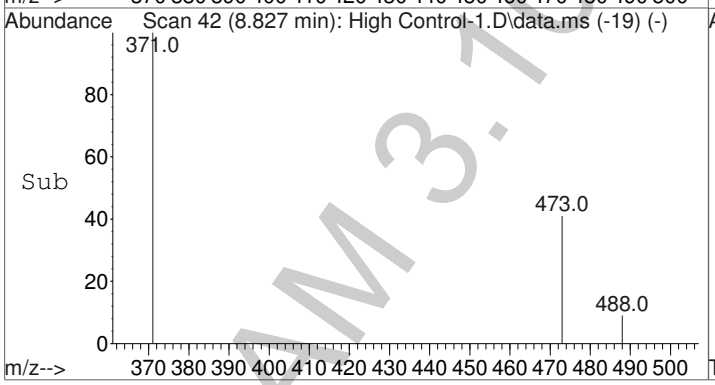


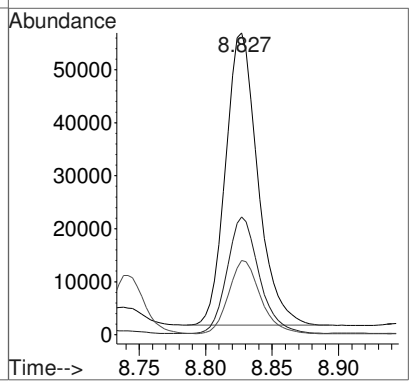


#2
Carboxy-THC-TMS
Concen: 62.50 ng/mL
RT: 8.827 min Scan# 42
Delta R.T. 0.000 min
Lab File: High Control-1.D
Acq: 24 Jul 2015 23:49

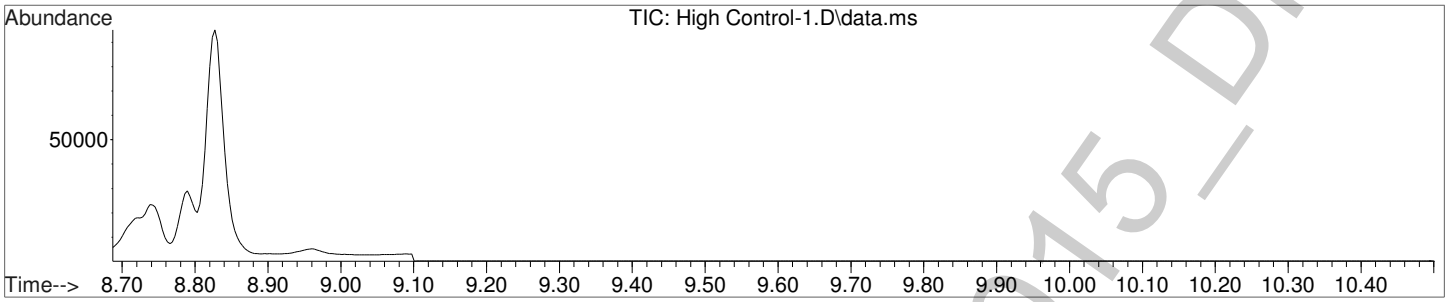
Tgt Ion:371 Resp: 93008

Ion	Ratio	Lower	Upper
371	100		
473	39.6	30.2	45.4
488	24.7	19.0	28.4

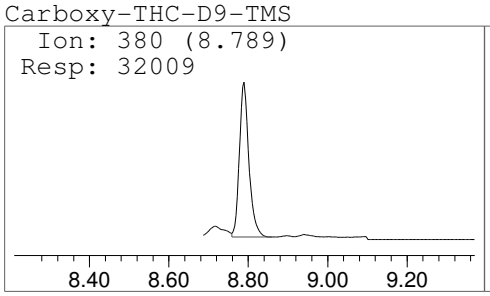


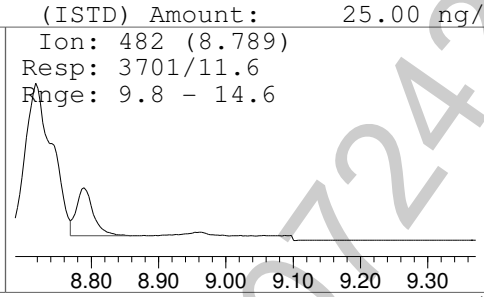


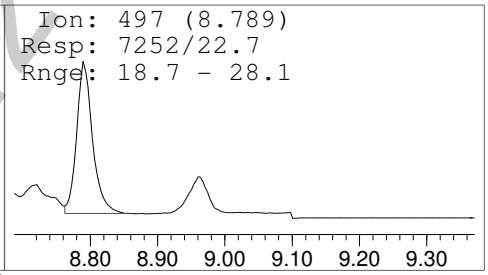
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : High Control-1.D
Acq On : 24 Jul 2015 23:49
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 10 Sample Multiplier: 1



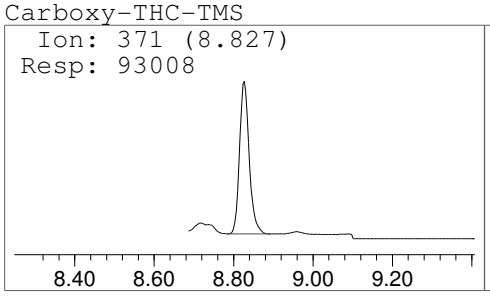
Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL

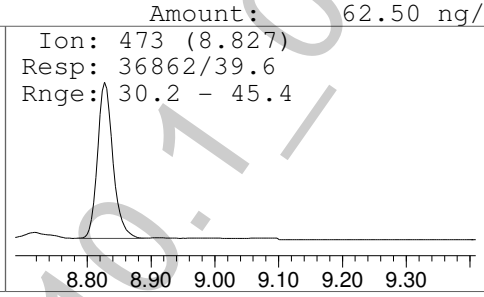


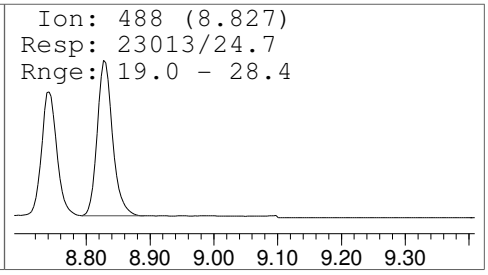




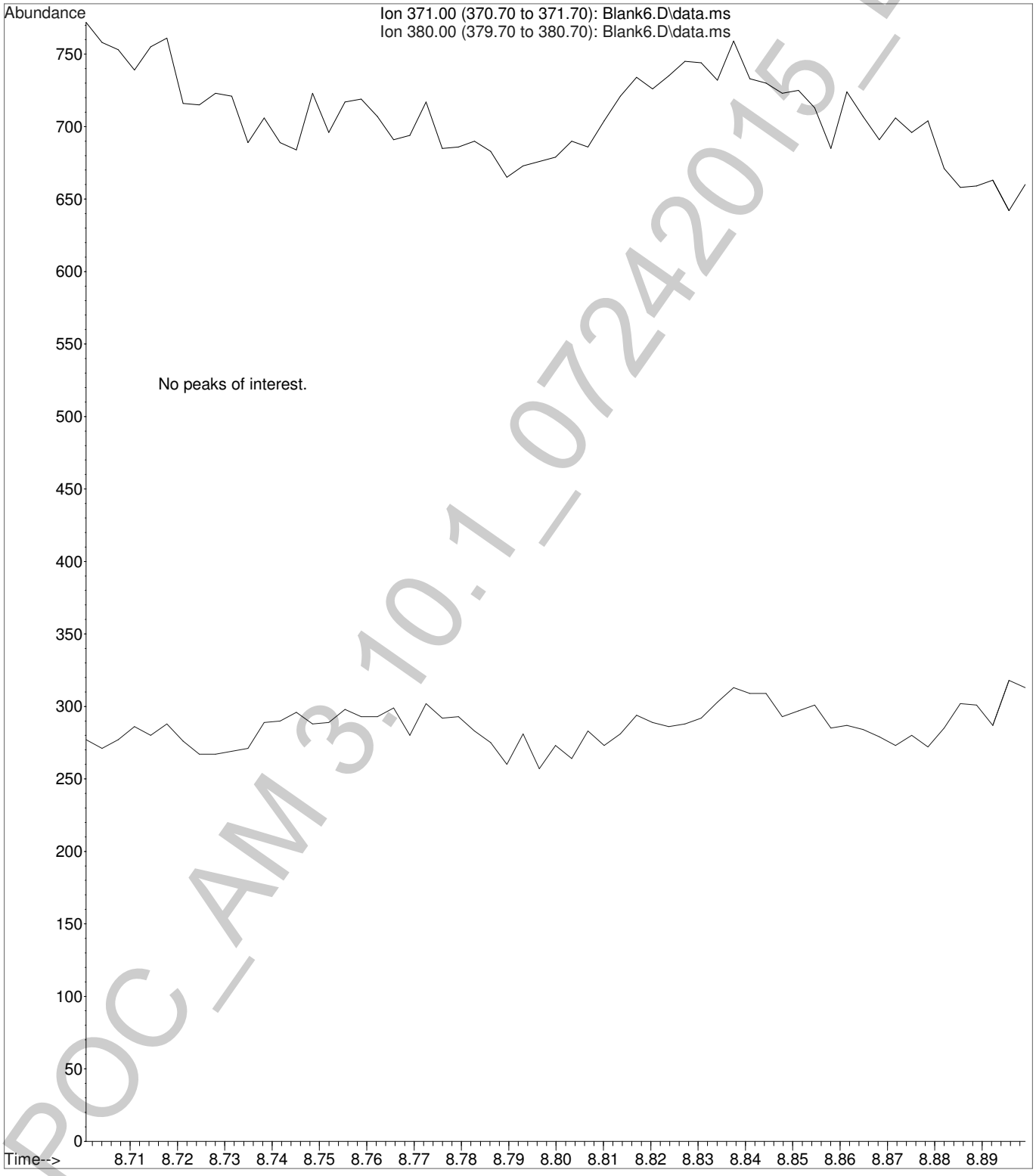
Carboxy-THC-TMS Amount: 62.50 ng/mL







File :C:\gcms\1\data\Blood\072415MJ\Blank6.D
Operator : Pocatello Laboratory
Acquired : 25 Jul 2015 1:33 using AcqMethod CANN-11-10-2010.M
Instrument : Bones
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 95



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Low Control-2.D
Acq On : 25 Jul 2015 1:48
Operator : Pocatello Laboratory
Sample : Low Control: 6 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 25 12:07:00 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

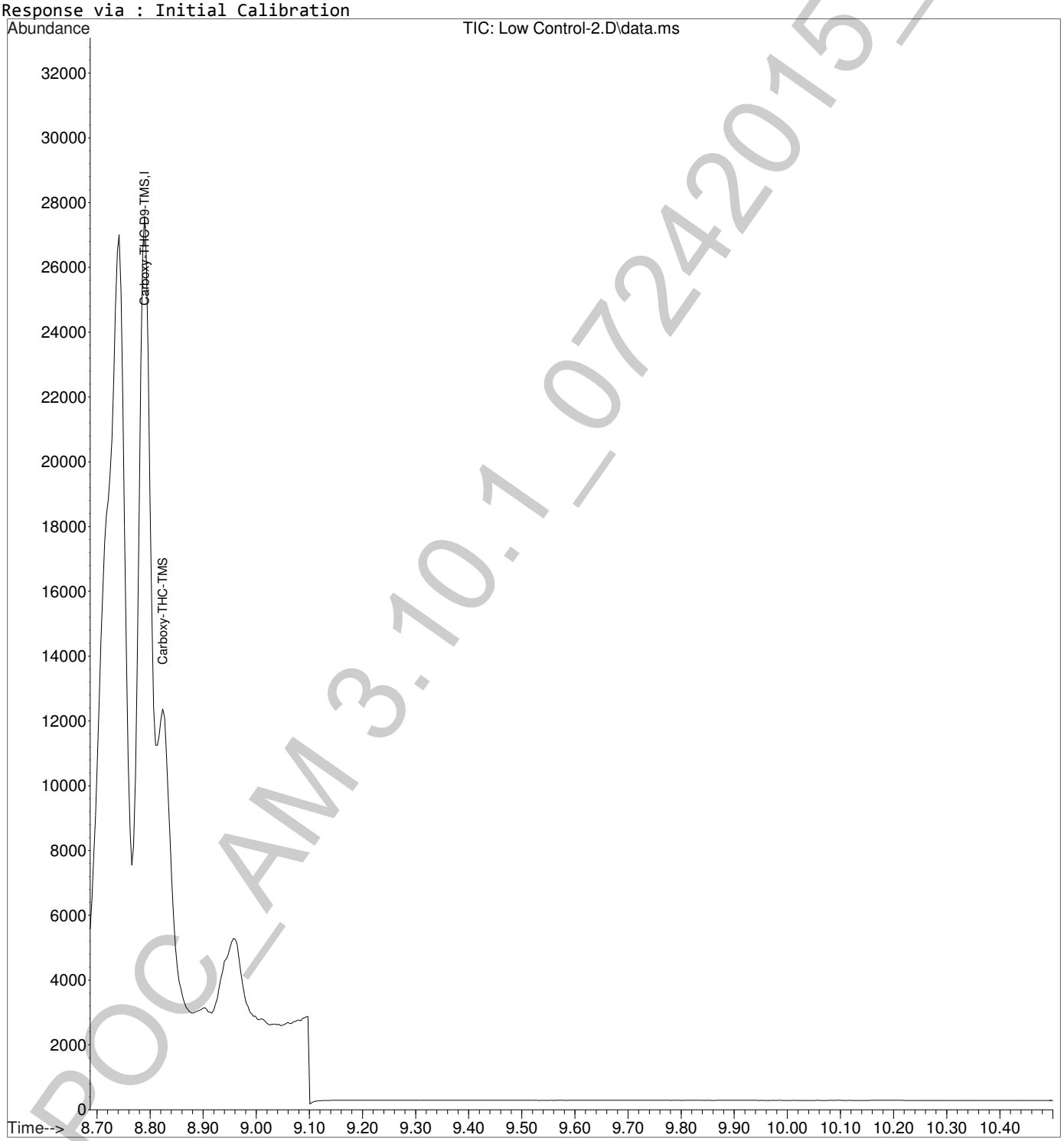
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.790	380	30777	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.824	371	9348	6.28	ng/mL	98

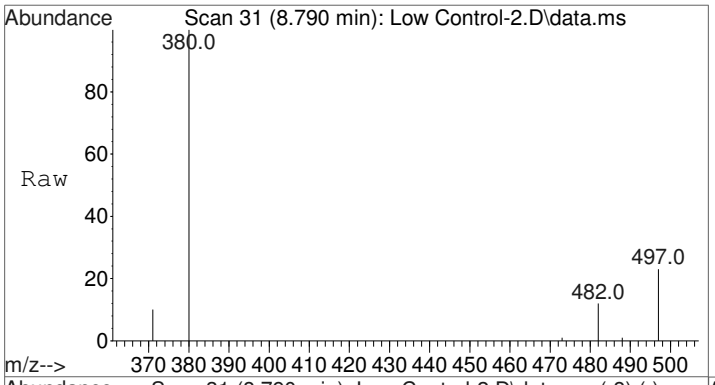
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Low Control-2.D
Acq On : 25 Jul 2015 1:48
Operator : Pocatello Laboratory
Sample : Low Control: 6 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 25 12:07:00 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

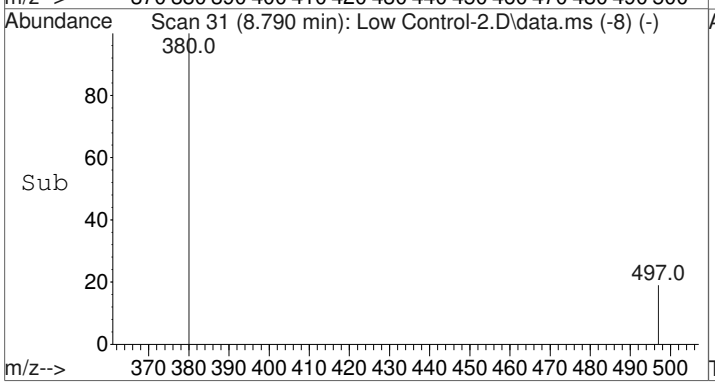


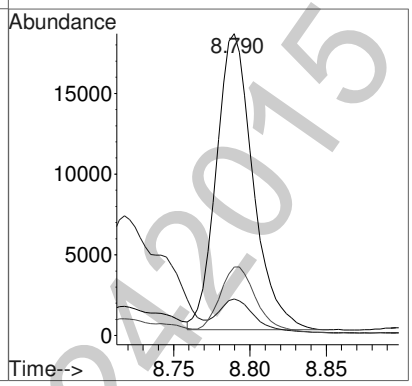


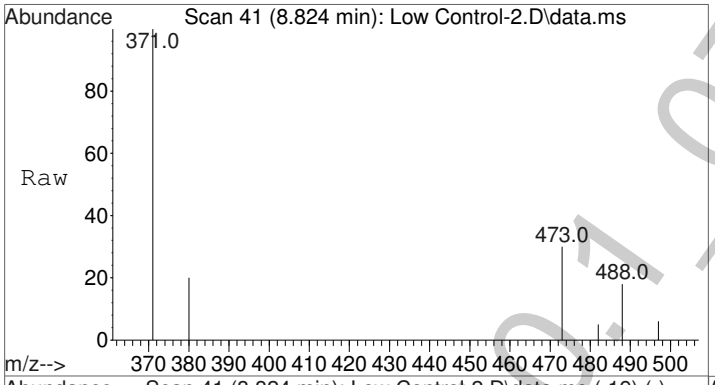
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: Low Control-2.D
Acq: 25 Jul 2015 1:48

Tgt Ion:380 Resp: 30777

Ion	Ratio	Lower	Upper
380	100		
482	10.9	9.8	14.6
497	22.7	18.7	28.1



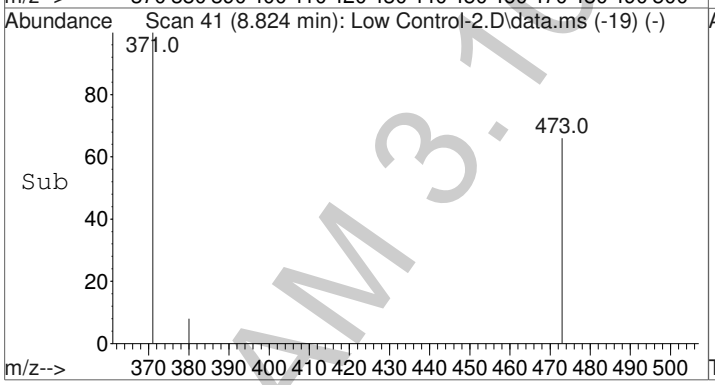


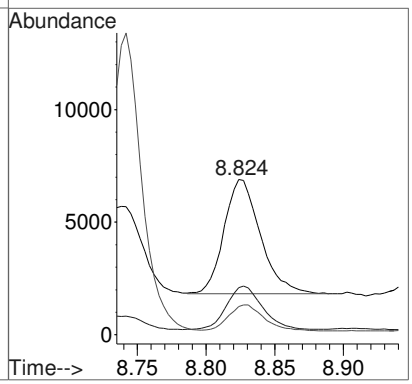


#2
Carboxy-THC-TMS
Concen: 6.28 ng/mL
RT: 8.824 min Scan# 41
Delta R.T. -0.003 min
Lab File: Low Control-2.D
Acq: 25 Jul 2015 1:48

Tgt Ion:371 Resp: 9348

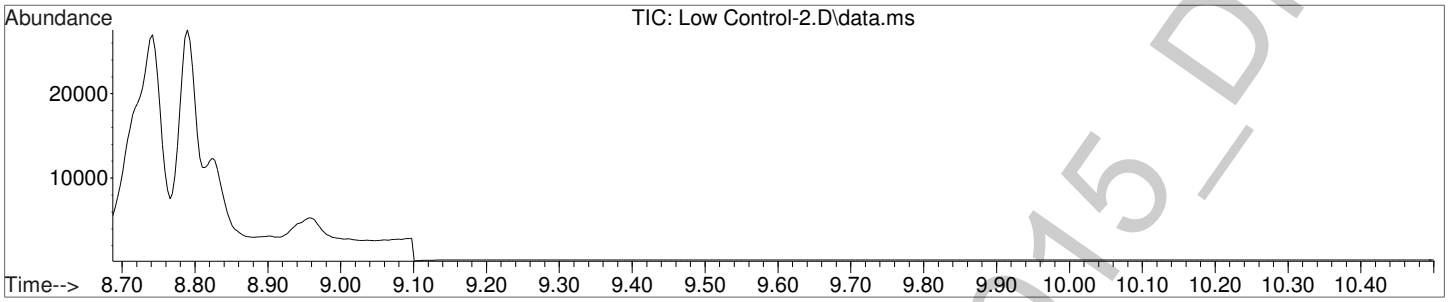
Ion	Ratio	Lower	Upper
371	100		
473	37.3	30.2	45.4
488	22.1	19.0	28.4



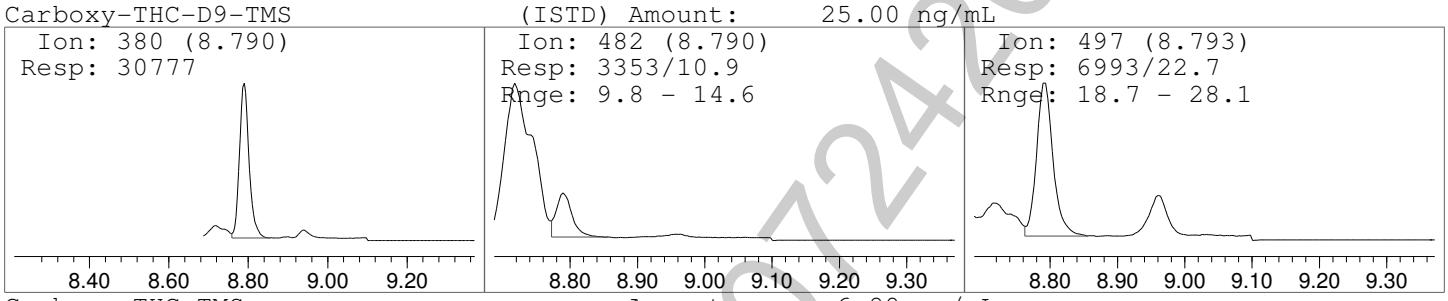


Quantitation Report (Not Reviewed)

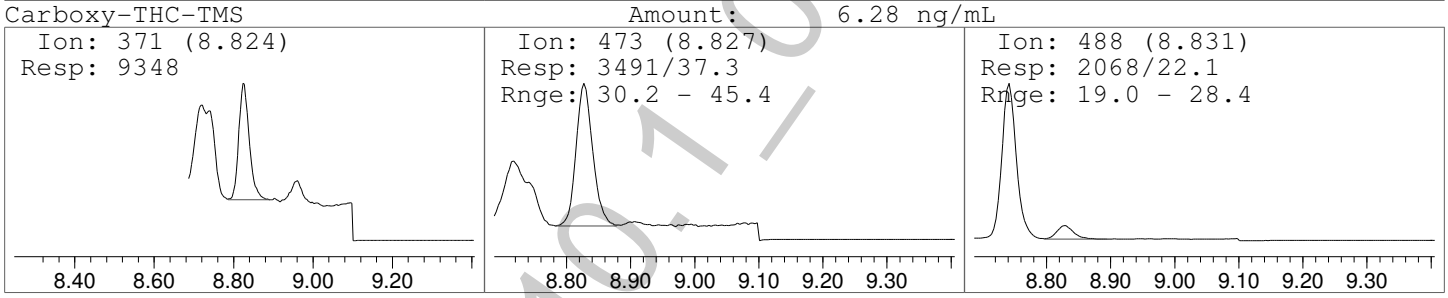
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : Low Control-2.D
Acq On : 25 Jul 2015 1:48
Operator : Pocatello Laboratory
Sample : Low Control: 6 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 9 Sample Multiplier: 1



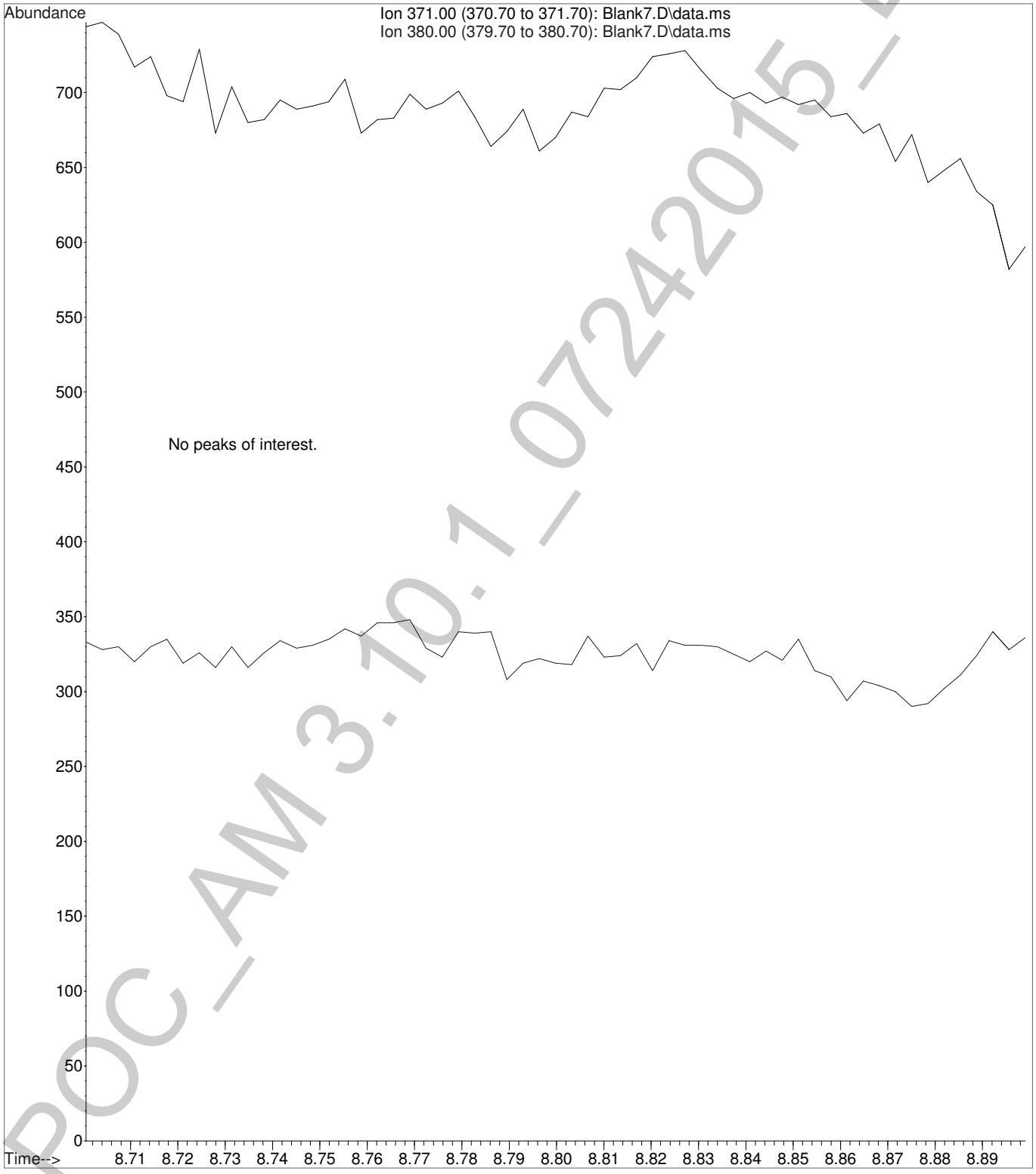
Carboxy-THC-D9-TMS (ISTD) Amount: 25.00 ng/mL



Carboxy-THC-TMS Amount: 6.28 ng/mL



File :C:\gcms\1\data\Blood\072415MJ\Blank7.D
Operator : Pocatello Laboratory
Acquired : 25 Jul 2015 3:03 using AcqMethod CANN-11-10-2010.M
Instrument : Bones
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 94



Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : High Control-2.D
Acq On : 25 Jul 2015 3:19
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 25 12:07:13 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

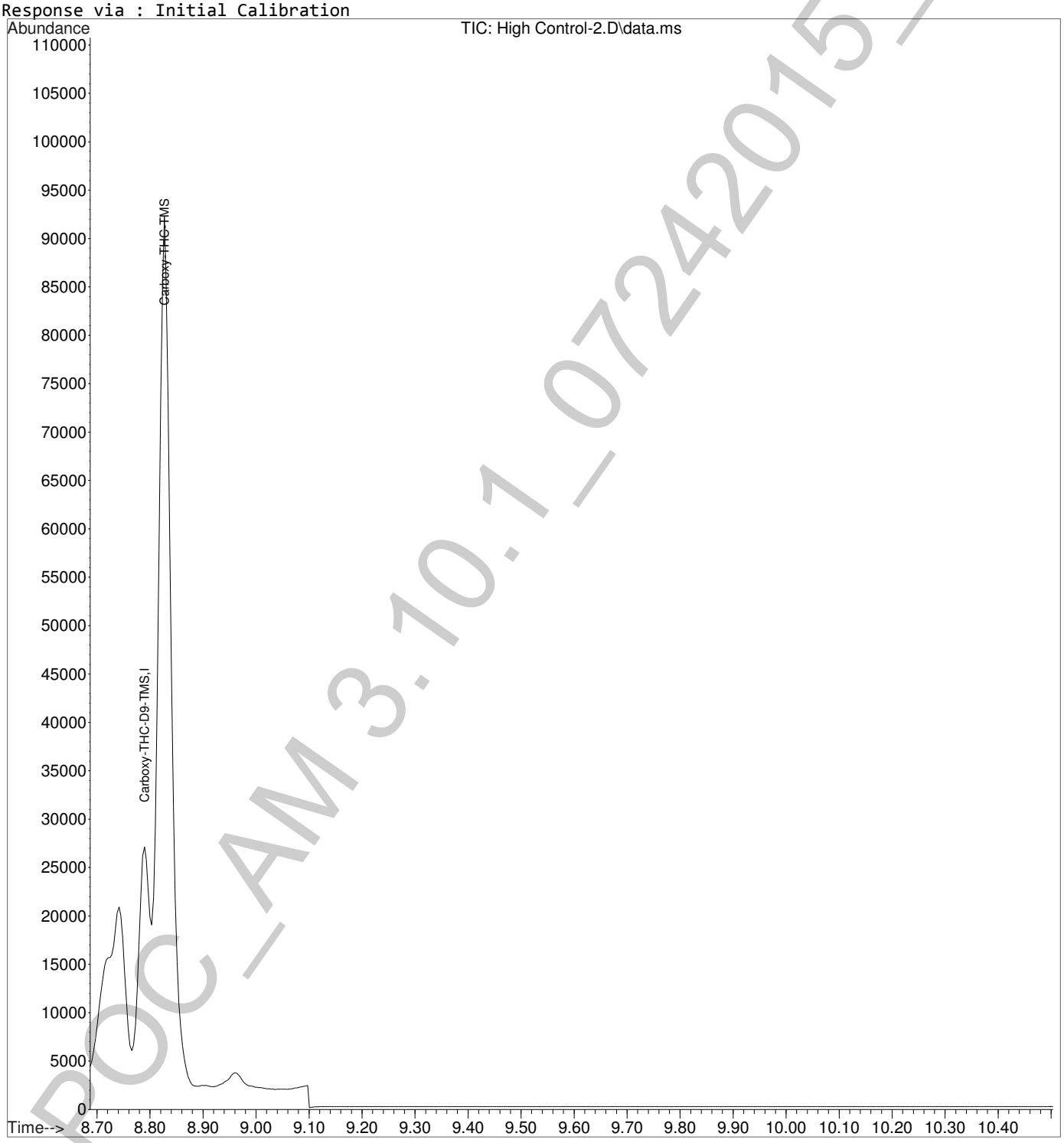
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Carboxy-THC-D9-TMS	8.789	380	30672	25.00	ng/mL	0.00
Target Compounds						Qvalue
2) Carboxy-THC-TMS	8.827	371	89048	62.44	ng/mL	98

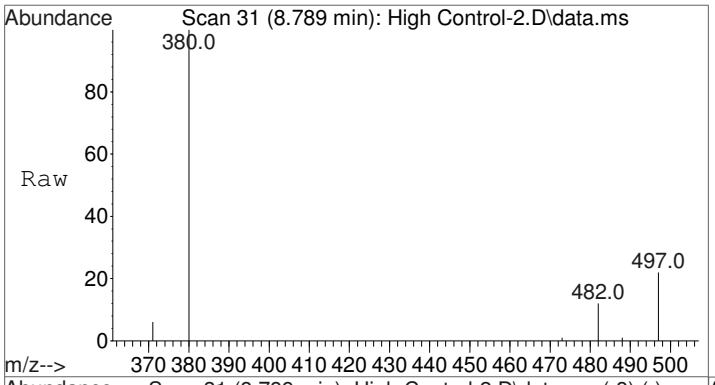
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : High Control-2.D
Acq On : 25 Jul 2015 3:19
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 25 12:07:13 2015
Quant Method : C:\gcms\1\methods\Cann11-10-2010.M
Quant Title : Analytical Method 3.10.1: Blood Carboxy-THC
QLast Update : Sat Jul 25 12:05:43 2015
Response via : Initial Calibration

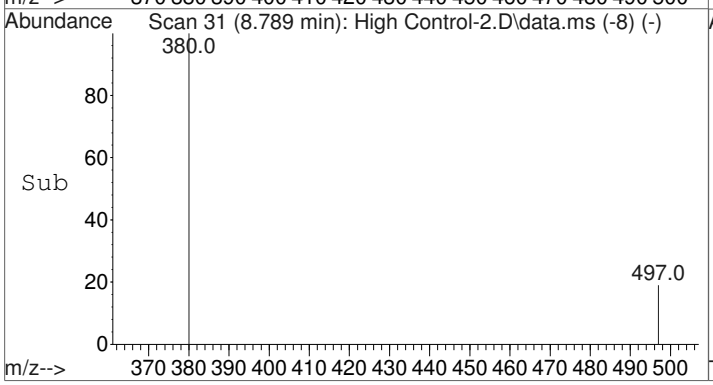


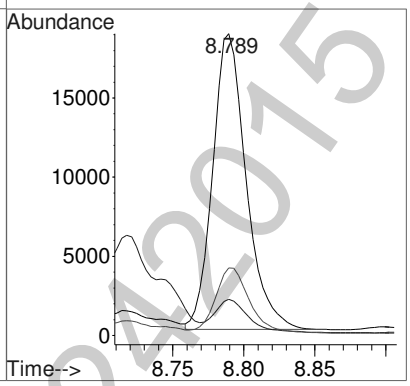


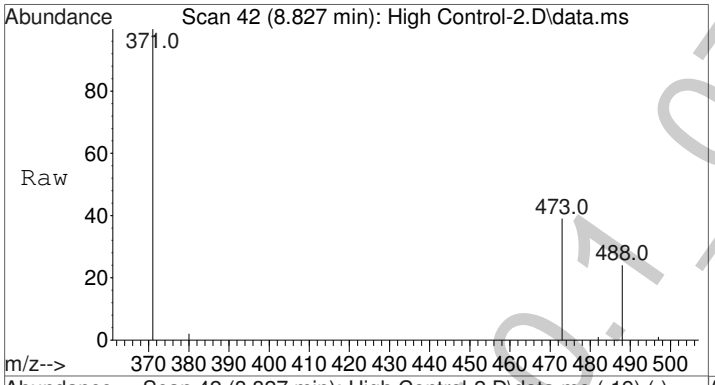
#1
Carboxy-THC-D9-TMS
Concen: 25.00 ng/mL
RT: 8.789 min Scan# 31
Delta R.T. -0.001 min
Lab File: High Control-2.D
Acq: 25 Jul 2015 3:19

Tgt Ion:380 Resp: 30672

Ion	Ratio	Lower	Upper
380	100		
482	11.4	9.8	14.6
497	22.2	18.7	28.1



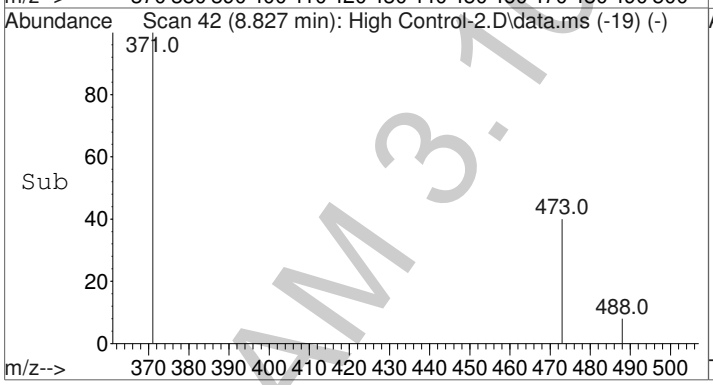


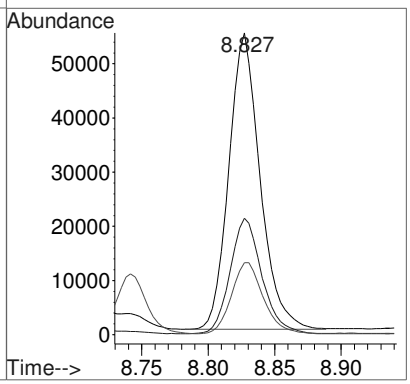


#2
Carboxy-THC-TMS
Concen: 62.44 ng/mL
RT: 8.827 min Scan# 42
Delta R.T. 0.000 min
Lab File: High Control-2.D
Acq: 25 Jul 2015 3:19

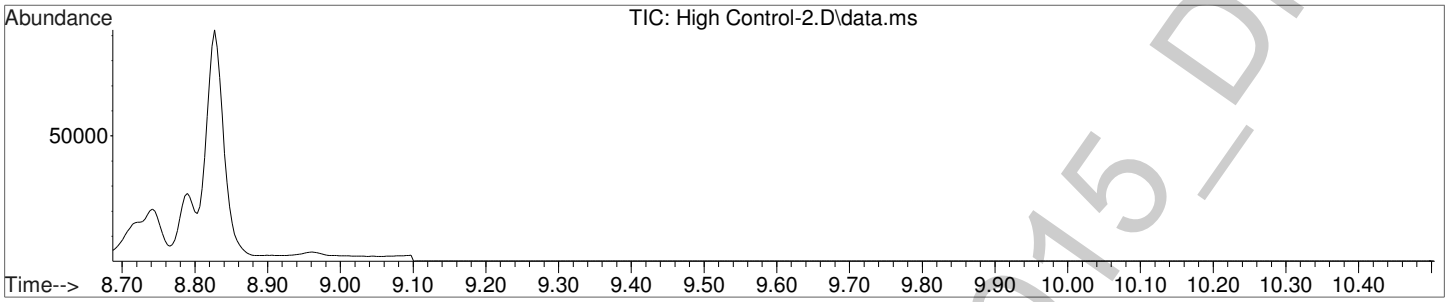
Tgt Ion:371 Resp: 89048

Ion	Ratio	Lower	Upper
371	100		
473	39.5	30.2	45.4
488	24.6	19.0	28.4

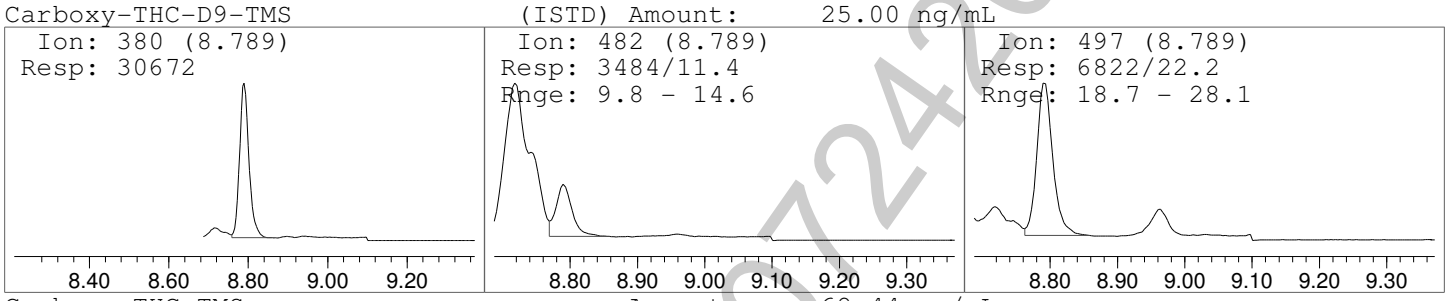




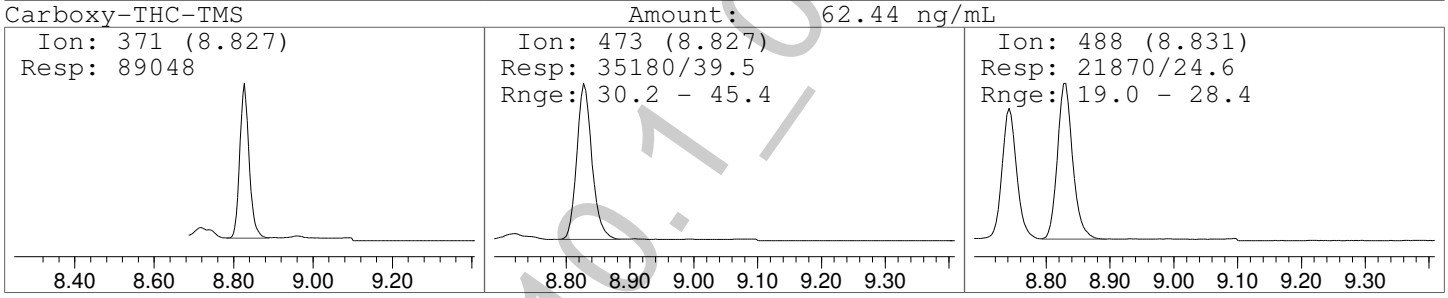
Data Path : C:\gcms\1\data\Blood\072415MJ\
Data File : High Control-2.D
Acq On : 25 Jul 2015 3:19
Operator : Pocatello Laboratory
Sample : High Control: 60 ng/mL
Misc : Analytical Method 3.10.1
ALS Vial : 11 Sample Multiplier: 1



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



Carboxy-THC-TMS Amount: 62.44 ng/mL



File :C:\gcms\1\data\Blood\072415MJ\Blank8.D
Operator : Pocatello Laboratory
Acquired : 25 Jul 2015 4:03 using AcqMethod CANN-11-10-2010.M
Instrument : Bones
Sample Name: Blank
Misc Info : CHCl3
Vial Number: 82