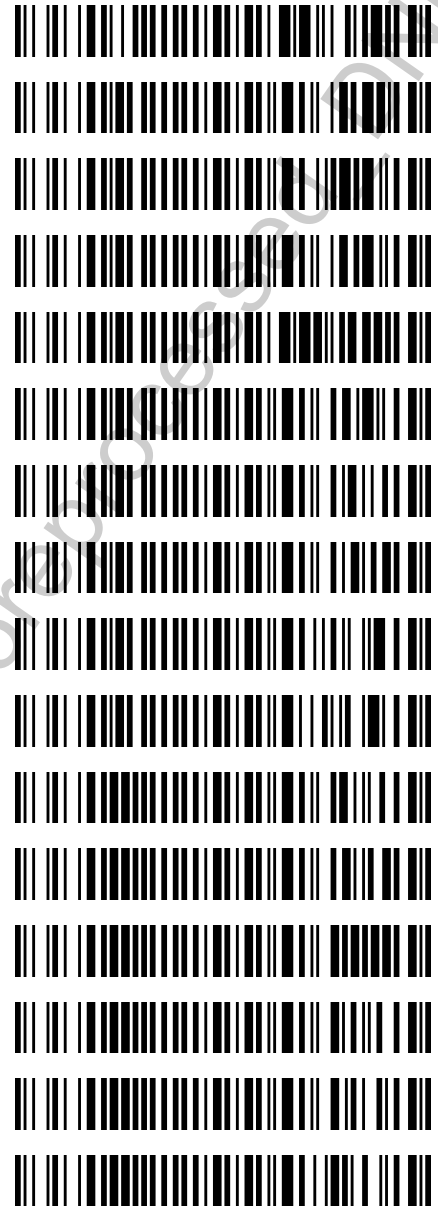


**Worklist: 791**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
C2015-1016	1	38442	6.1.1 Blood LCMS-QQQ Benzc
M2015-1645	2.1	38350	6.1.1 Blood LCMS-QQQ Benzc
M2015-1695	1.1	38360	6.1.1 Blood LCMS-QQQ Benzc
M2015-1704	1.1	38361	6.1.1 Blood LCMS-QQQ Benzc
M2015-1819	1	38445	6.1.1 Blood LCMS-QQQ Benzc
M2015-1888	1.1	38362	6.1.1 Blood LCMS-QQQ Benzc
M2015-1934	2.1	38363	6.1.1 Blood LCMS-QQQ Benzc
M2015-2103	2.1	38376	6.1.1 Blood LCMS-QQQ Benzc
M2015-2121	1	38446	6.1.1 Blood LCMS-QQQ Benzc
M2015-2160	1	38447	6.1.1 Blood LCMS-QQQ Benzc
P2015-1201	2.1	38364	6.1.1 Blood LCMS-QQQ Benzc
P2015-1326	4.1	38365	6.1.1 Blood LCMS-QQQ Benzc
P2015-1421	1.1	38366	6.1.1 Blood LCMS-QQQ Benzc
P2015-1490	1.1	38367	6.1.1 Blood LCMS-QQQ Benzc
P2015-1492	1.1	38368	6.1.1 Blood LCMS-QQQ Benzc
P2015-1534	1	38450	6.1.1 Blood LCMS-QQQ Benzc



This central file replaces the central file titled "POC\_AM 6.1.1 Blood\_07282015\_DND" as midazolam required manual integration of the inconclusive calibrator (10 ng/mL) for reporting inconclusive results. 08/04/2015

NOTE: reprocessed data will be attached to any case which calculated values and/or conclusions changed.

Reviewed by: Anne Nord 8/4/15



Reviewed by: Brittany Wylie 8/5/15

# Worklist Report



Worklist Path:	C:\MassHunter\ISP Methods\worklists\DD-BZZZQ-B-LOWCAL.wkl
Date Modified:	07/29/2015 11:07:45 AM
Date Printed:	07/29/2015 11:07:57 AM

## Worklist Run Parameters

Operator Name:	62340
Run Type:	Standard Start
Part of Method to Run:	Acquisition Only
Execution for Acquisition-DA:	Synchronous
Acquisition Method Path:	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m
DA Method Path:	D:\MassHunter\methods
Data File Path:	C:\MassHunter\Data\BZ\BZ-B-072815
Pre-Worklist Script:	---
Post-Worklist Script:	SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
Acquisition Clean Up Script:	SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
Overlapped Injection:	No
Clear sample selection after run:	Yes
Wait Time for Ready(Min):	10
Threshold Disk Value(GB):	10
Comment:	---

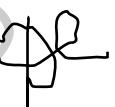
## Plate Barcode Information

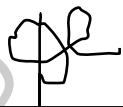
Plate	Barcode
P1	


## Worklist Table

Verified that all vials were in the correct position in the instrument rack on 07/29/2015.

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Blank1-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Blank2-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-A2	5 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	5 ngmL-r001.d	Calibration	1	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A3	10 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	10 ngmL-r001.d	Calibration	2	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A4	25 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	25 ngmL_r001.d	Calibration	3	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A5	50 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	50 ngmL_r001.d	Calibration	4	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A6	100 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	100 ngmL_r001.d	Calibration	5	AM 6.1.1 Benzo	

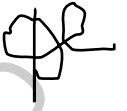
Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
						and Z by LCQQQ	
P1-A	500 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	500 ngmL_r001.d	Calibration	6	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A	1000 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	1000 ngmL_r001.d	Calibration		AM 6.1.1 Benzo and Z by LCQQQ	
P1-A	3000 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	3000 ngmL_r001.d	Calibration		AM 6.1.1 Benzo and Z by LCQQQ	
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B1	Negative Blood Control	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	NC-B_r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	UTA Negative Whole Blood LOT B06
P1-B2	Positive Blood Control	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	PC-B-BZ-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	200 ngmL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT B0130
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B1	Blank - M2015-1645-2.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- M2015-1645-2.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B3	M2015-1645-2.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-1645-2.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - M2015-165-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-165-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B4	M2015-165-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-165-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - M2015-104-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-104-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B5	M2015-104-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-104-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - M2015-1-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-1-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B6	M2015-1-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-1-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1				Blank			

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
	Blank - M2015-134-2.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-134-2.1_r001.d			AM 6.1.1 Benzo and Z by LCQQQ	
P1-B	M2015-134-2.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-134-2.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - M2015-2103-2.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-2103-2.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B	M2015-2103-2.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-2103-2.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - P2015-1201-2.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-P2015-1201-2.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B	P2015-1201-2.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2015-1201-2.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - P2015-1326-4.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-P2015-1326-4.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C1	P2015-1326-4.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2015-1326-4.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - P2015-1421-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-P2015-1421-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C2	P2015-1421-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2015-1421-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - P2015-140-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-P2015-140-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C3	P2015-140-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2015-140-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - P2015-142-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-P2015-142-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C4	P2015-142-1.1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2015-142-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - C2015-1016-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-C2015-1016-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C5	C2015-1016-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	C2015-1016-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-B1	Blank - M2015-11-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-11-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C6	M2015-11-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-11-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - M2015-2121-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-2121-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C	M2015-2121-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-2121-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - M2015-2160-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-2160-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C	M2015-2160-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-2160-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B1	Blank - P2015-1534-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-P2015-1534-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C	P2015-1534-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2015-1534-1- r003.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Blank3-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Blank4-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_Cleanup.m	Clean-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	

POC\_AM 6.1.1  
Blood-072020-51preprocessed

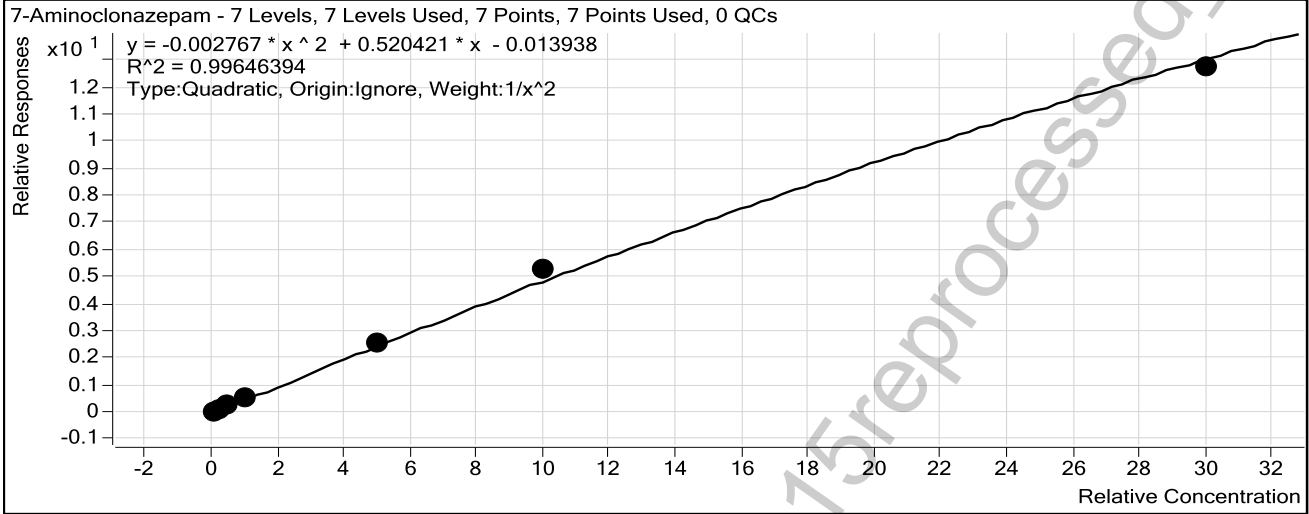
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM      **Analyst Name** ISP TOX

**Target Compound** 7-Aminoclonazepam  
**Internal Standard** 7-Aminoflunitrazepam-D7 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.2	101.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.5	91.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.9	101.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	506.5	101.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1079.9	108.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2891.4	96.4

POC\_AM 6.1.1 Blood\_07282015reprocessed - DND

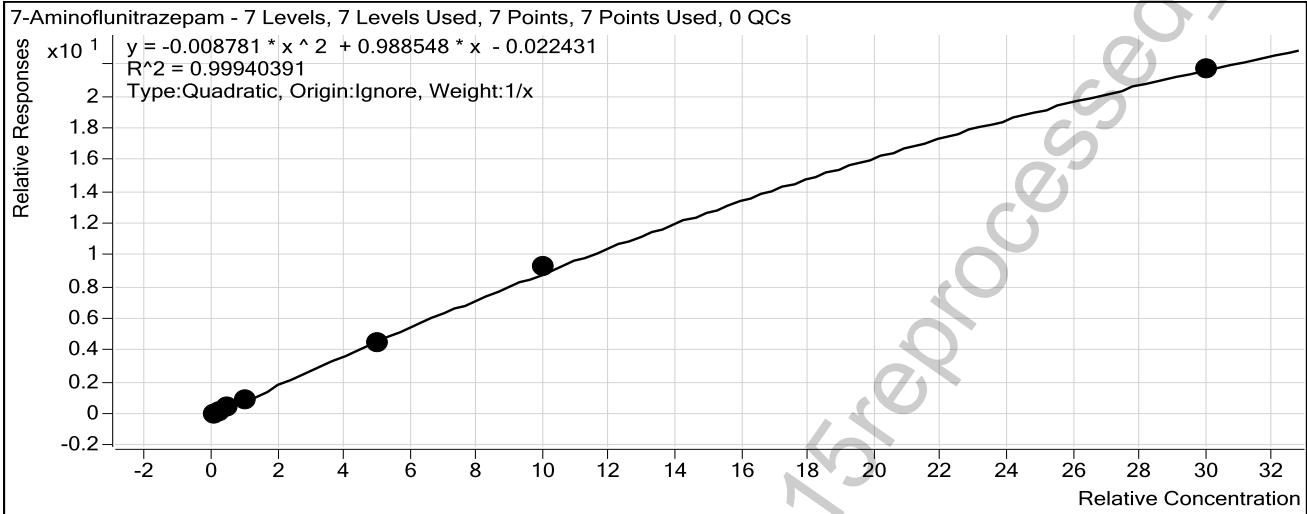
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM      **Analyst Name** ISP TOX

**Target Compound** 7-Aminoflunitrazepam  
**Internal Standard** 7-Aminoflunitrazepam-D7 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.2	102.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.4	101.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.8	95.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.1	102.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	477.0	95.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1031.1	103.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2989.3	99.6

POC\_AM 6.1.1 Blood\_07282015reprocessed - DND

# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

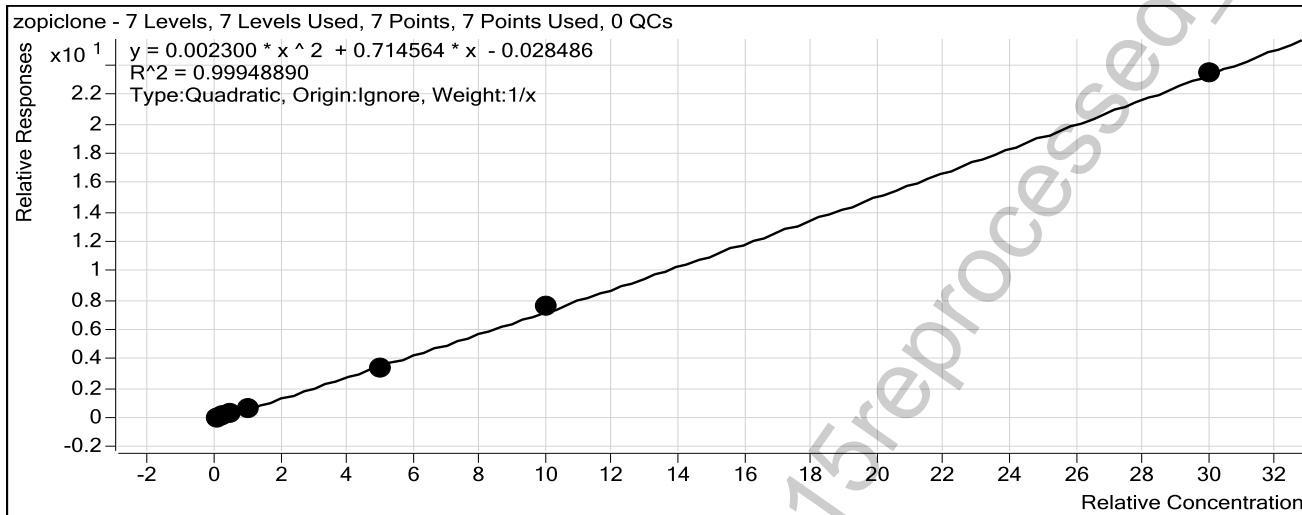
**Last Calib Update** 8/4/2015 10:58 AM

**Analyst Name**

ISP TOX

**Target Compound** zopiclone

**Internal Standard** Oxazepam D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.0	110.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.8	99.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.2	92.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	99.2	99.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	477.9	95.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1031.8	103.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2993.8	99.8



# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

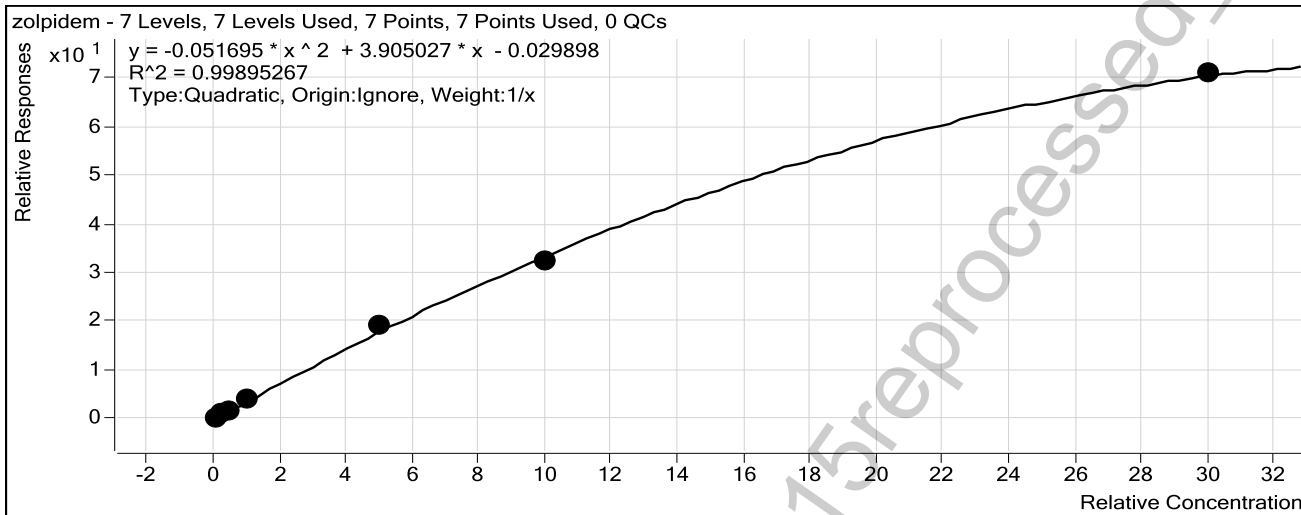
**Last Calib Update** 8/4/2015 10:58 AM

**Analyst Name**

ISP TOX

**Target Compound** zolpidem

**Internal Standard** Oxazepam D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.6	96.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.4	101.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.8	95.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	104.9	104.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	525.6	105.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	957.5	95.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3033.2	101.1

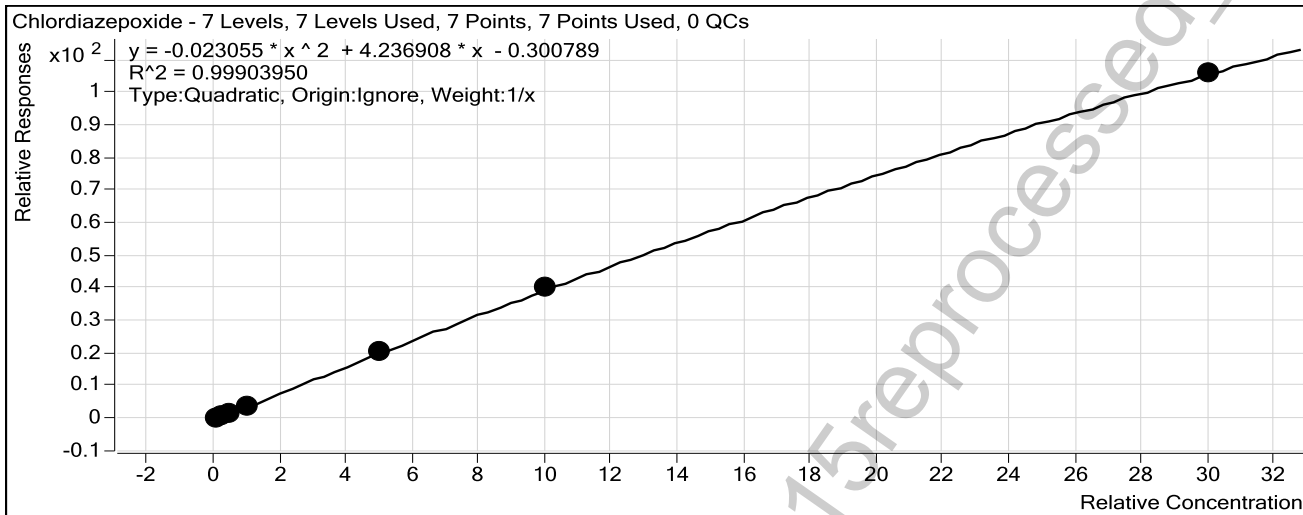
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM **Analyst Name** ISP TOX

**Target Compound** *Chlordiazepoxide*  
**Internal Standard** *Nordiazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	12.4	123.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	42.7	85.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	88.6	88.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	504.7	100.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1020.4	102.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2990.7	99.7

\*Not to be reported as inconclusive for this batch. Not found in any case samples in the batch, so not a problem.

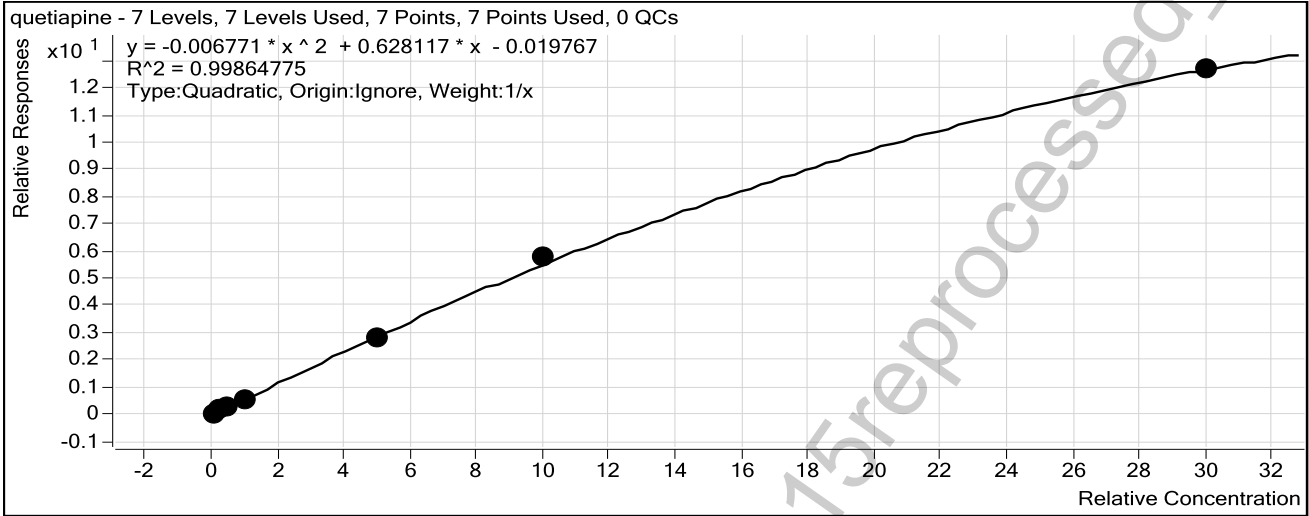
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM      **Analyst Name** ISP TOX

**Target Compound** *quetiapine*  
**Internal Standard** *Temazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.2	111.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.9	107.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.6	89.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	90.8	90.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	482.6	96.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1045.9	104.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2974.8	99.2

POC\_AM 6.1.1 Blood\_07282015reprocessed - DND

# ISP Forensics Calibration Curve Report



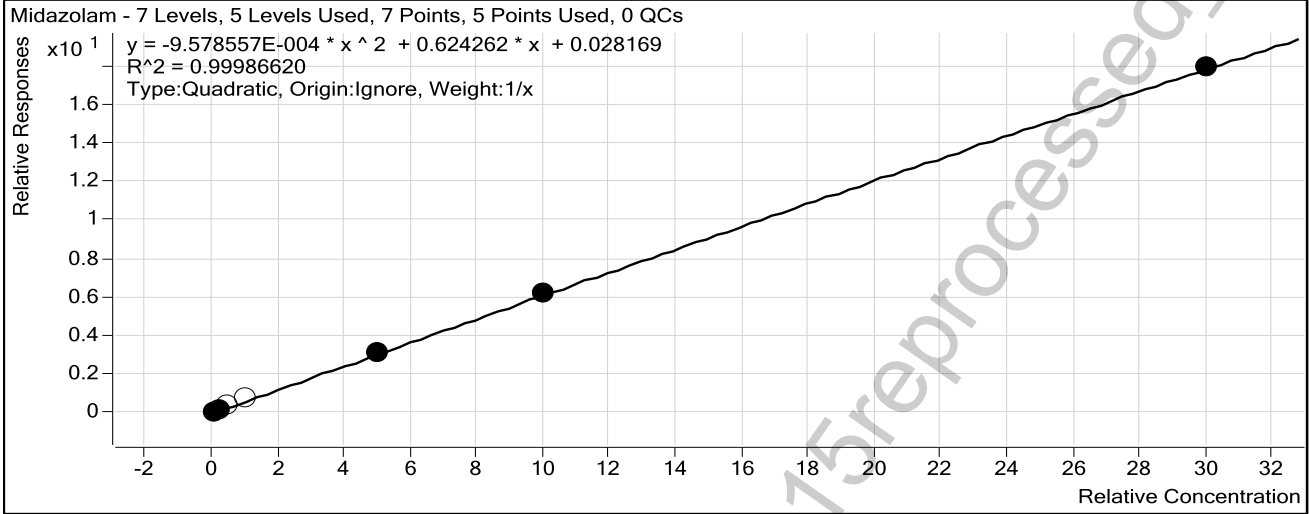
**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM

**Analyst Name** ISP TOX

**Target Compound** Midazolam

**Internal Standard** Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	8.8	88.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	28.1	112.4
50 ng/mL	4	<input type="checkbox"/>	50	64.0	127.9
100 ng/mL	5	<input type="checkbox"/>	100	123.3	123.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	497.0	99.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1000.9	100.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3000.2	100.0

POC\_AM 6.1.1 Blood\_07282015 Preprocessed - DND

# ISP Forensics Calibration Curve Report

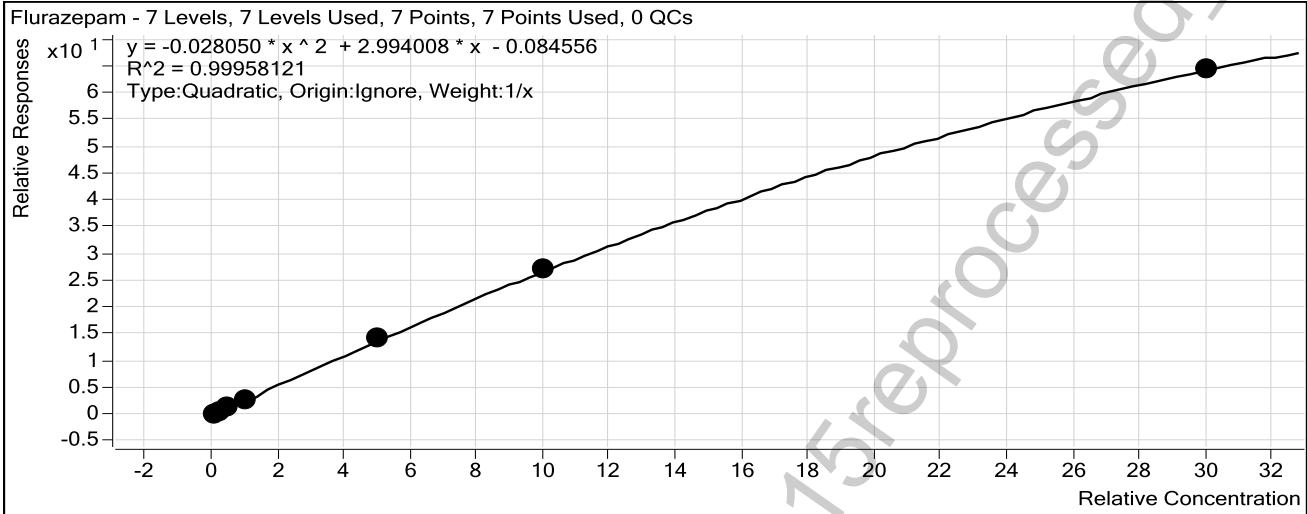


**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM

**Analyst Name** ISP TOX

**Target Compound** Flurazepam  
**Internal Standard** Diazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.9	109.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.2	104.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.9	91.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	92.5	92.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	501.2	100.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1014.8	101.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2991.1	99.7

POC\_AM 6.1.1 Blood\_07282015reprocessed - DND

# ISP Forensics Calibration Curve Report

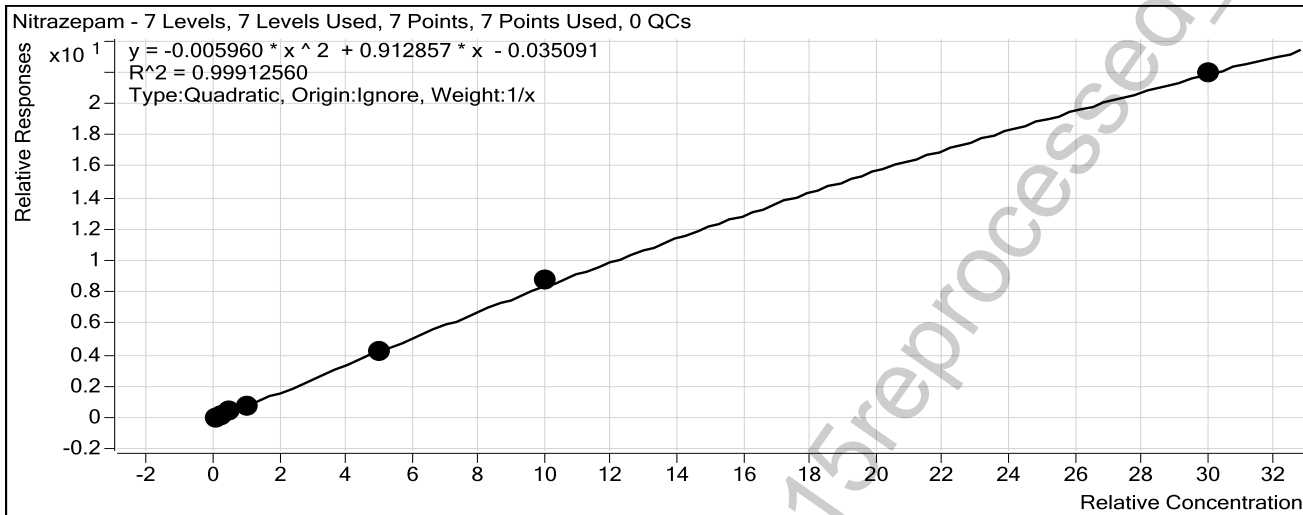


**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM

**Analyst Name** ISP TOX

**Target Compound** Nitrazepam  
**Internal Standard** Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.7	116.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	96.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.3	96.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	90.6	90.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	484.3	96.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1038.5	103.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2986.3	99.5

POC\_AM 6.1.1 Blood\_07282015reprocessed-DND

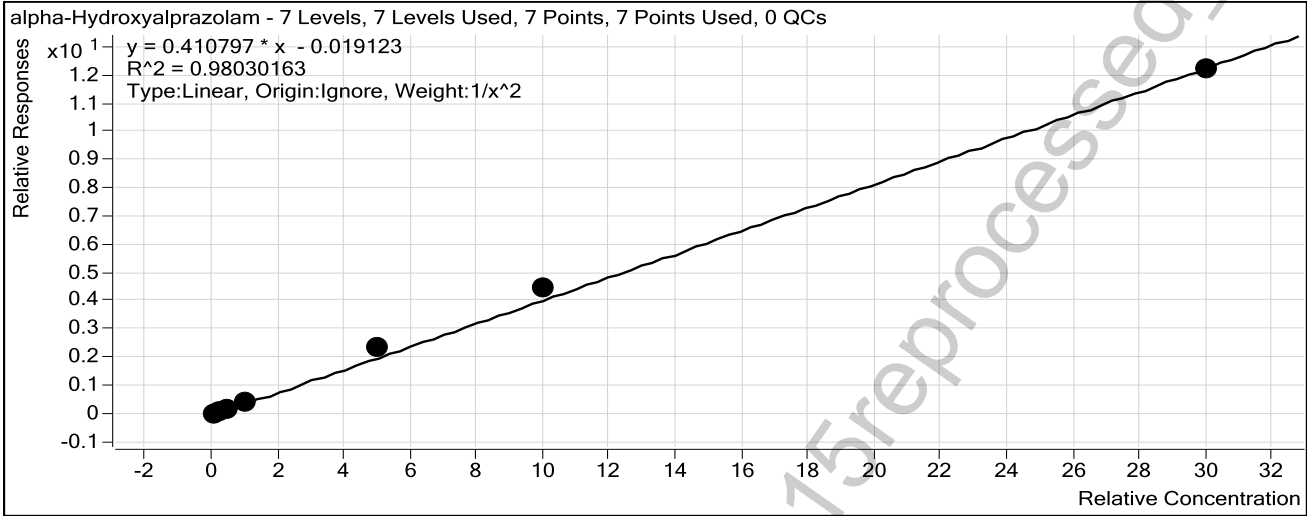
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM      **Analyst Name** ISP TOX

**Target Compound** *alpha-Hydroxyalprazolam*  
**Internal Standard** *alphahydroxyalprazolam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.9	109.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	21.1	84.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	42.8	85.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.5	96.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	585.7	117.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1082.3	108.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2971.6	99.1

POC\_AM 6.1.1 Blood\_07282015preprocessed-DNE

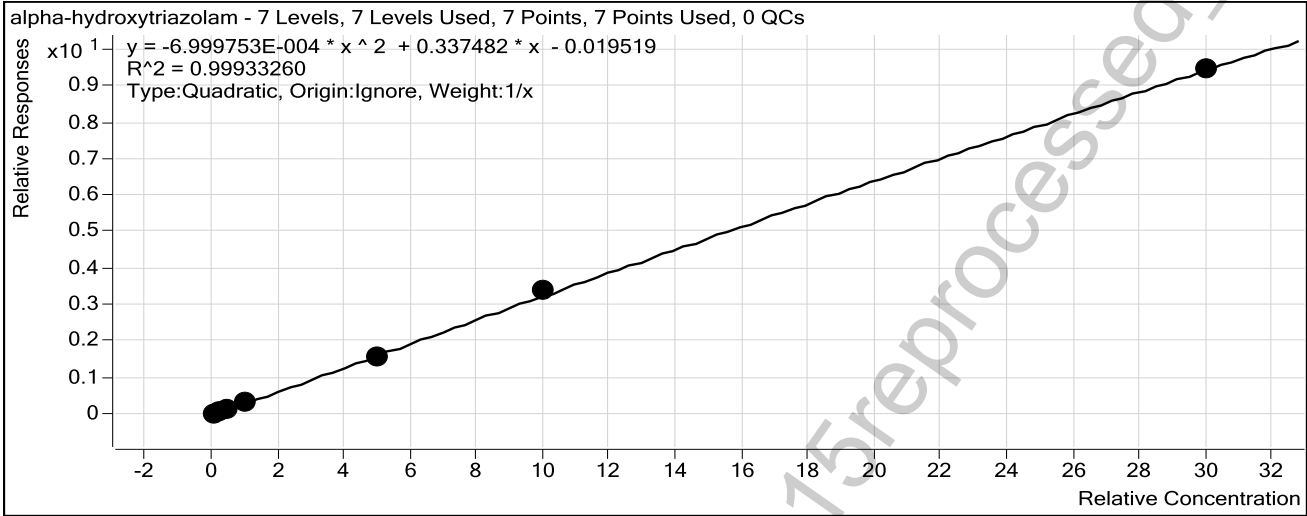
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM      **Analyst Name** ISP TOX

**Target Compound** *alpha-hydroxytriazolam*  
**Internal Standard** *Nordiazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.4	114.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.1	100.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.1	90.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.0	96.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	481.3	96.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1035.2	103.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2990.9	99.7

POC\_AM 6.1.1 Blood\_07282015reprocessed-DND



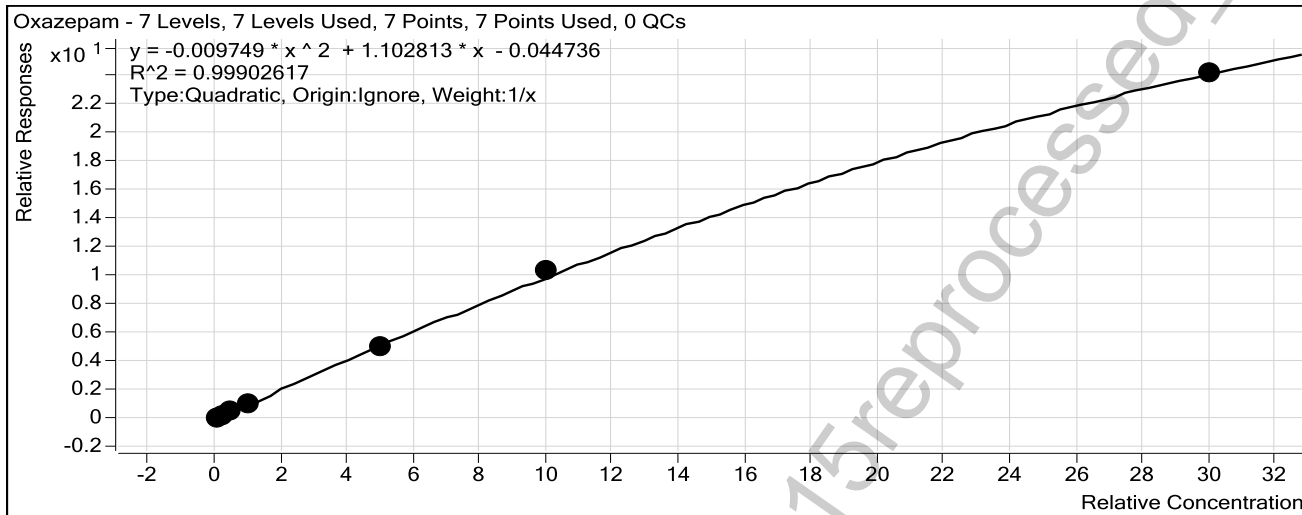
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM **Analyst Name** ISP TOX

**Target Compound** Oxazepam  
**Internal Standard** Oxazepam D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.2	112.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.2	100.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.8	91.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.1	96.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	477.3	95.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1043.2	104.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2982.7	99.4

POC\_AM 6.1.1 Blood\_07282015reprocessed - DND

# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

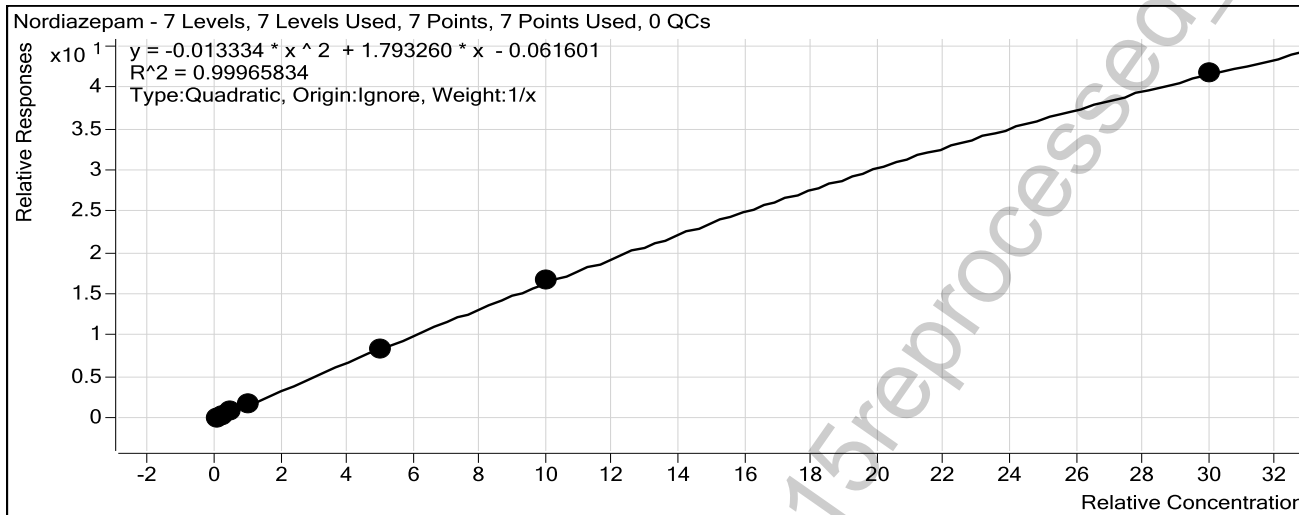
**Last Calib Update** 8/4/2015 10:58 AM

**Analyst Name**

ISP TOX

**Target Compound** Nordiazepam

**Internal Standard** Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.0	99.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.8	103.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.6	95.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.5	103.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	483.1	96.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1020.1	102.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2994.3	99.8

POC\_AM 6.1.1 Blood\_07282015reprocessed-DND

# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

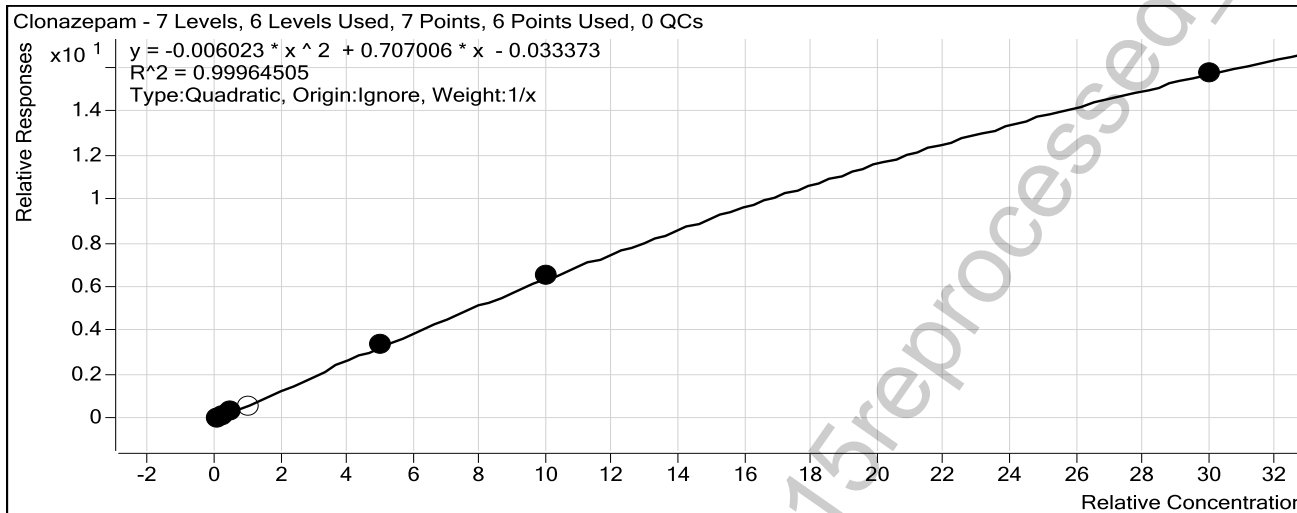
**Last Calib Update** 8/4/2015 10:58 AM

**Analyst Name**

ISP TOX

**Target Compound** Clonazepam

**Internal Standard** Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.7	116.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.2	93.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.9	89.8
100 ng/mL	5	<input type="checkbox"/>	100	83.2	83.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	498.0	99.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1011.9	101.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2994.1	99.8

POC\_AM 6.1.1 Blood\_07282015reprocessed - DND

# ISP Forensics Calibration Curve Report

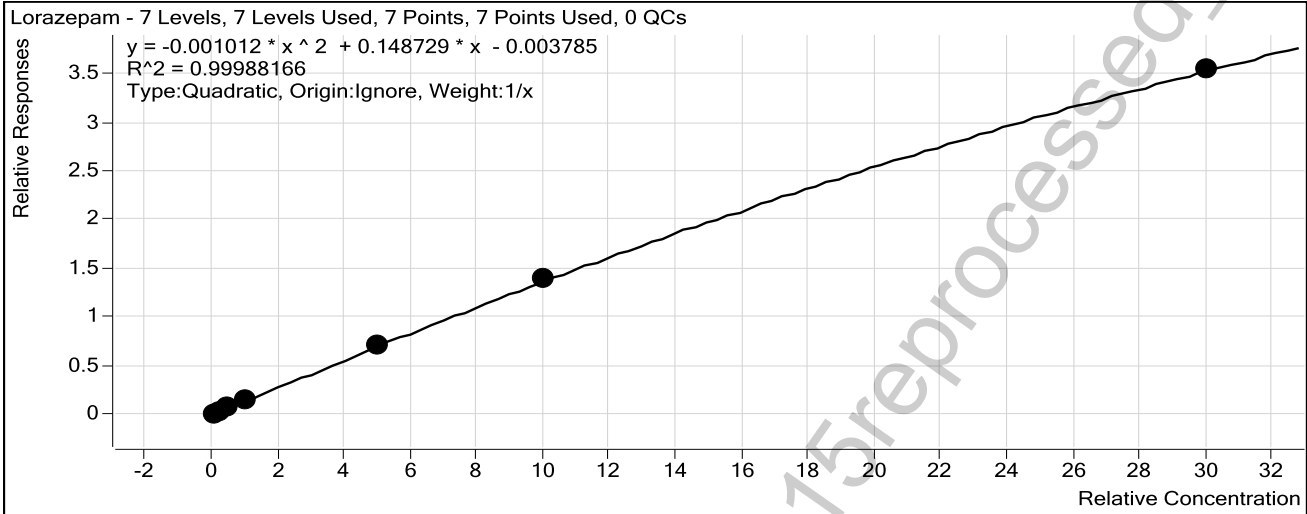


**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM

**Analyst Name** ISP TOX

**Target Compound** Lorazepam  
**Internal Standard** Oxazepam D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.4	103.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.1	100.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.4	92.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.0	103.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	497.5	99.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1003.6	100.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2998.8	100.0

POC\_AM 6.1.1 Blood\_07282015reprocessed - DND

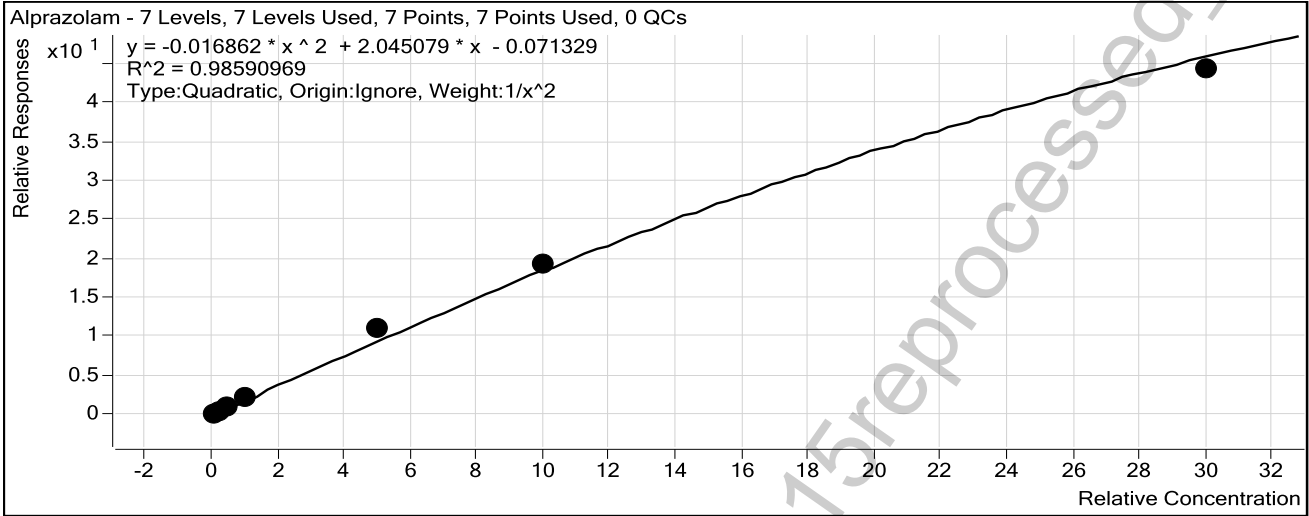
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM **Analyst Name** ISP TOX

**Target Compound** Alprazolam  
**Internal Standard** alphahydroxyalprazolam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.5	105.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.3	93.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	41.9	83.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	104.3	104.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	573.6	114.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1036.5	103.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2822.1	94.1

POC\_AM 6.1.1 Blood\_07282015reprocessed - DND

# ISP Forensics Calibration Curve Report



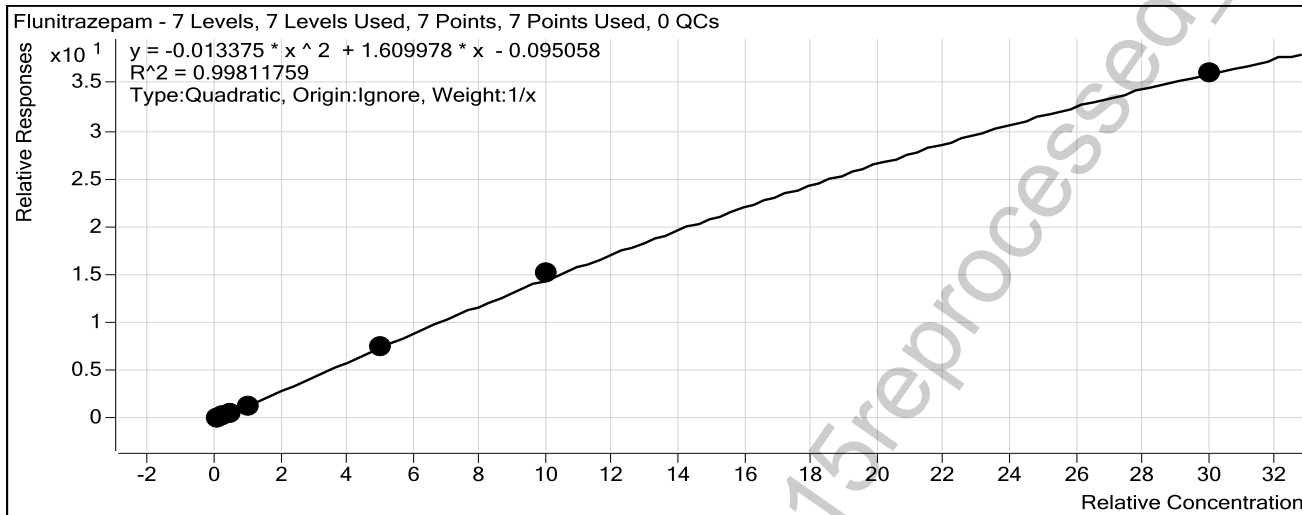
**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM

**Analyst Name** ISP TOX

**Target Compound** Flunitrazepam

**Internal Standard** Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	13.0	129.5 *
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.9	95.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.7	89.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	82.8	82.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	496.4	99.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1040.5	104.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2980.1	99.3

\*Not to be reported as inconclusive for this batch. Not found in any case samples in the batch, so not a problem.

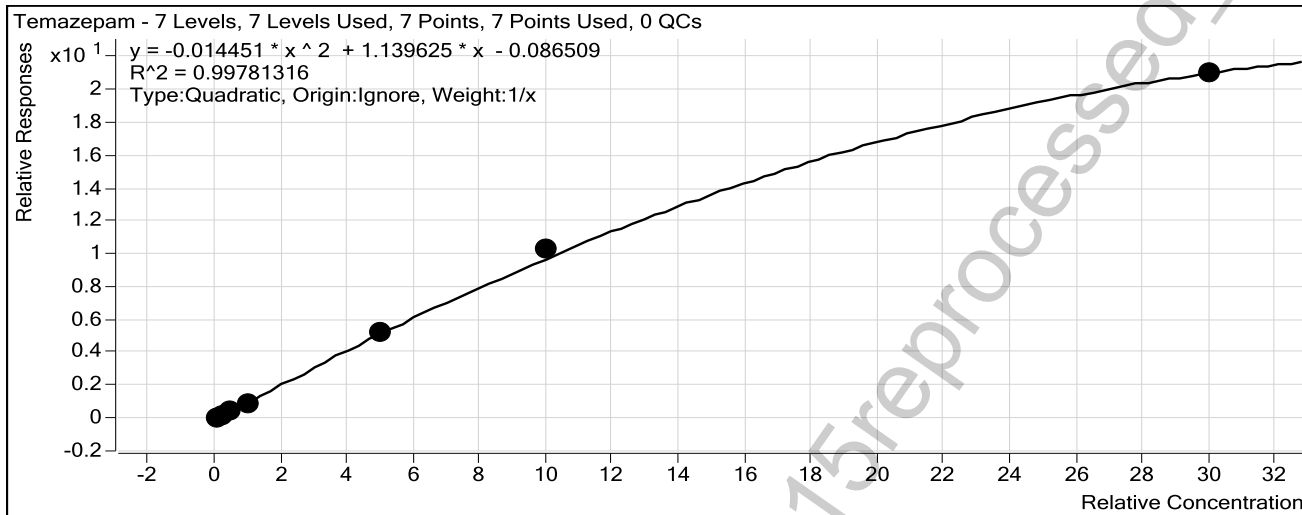
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM **Analyst Name** ISP TOX

**Target Compound** Temazepam  
**Internal Standard** Temazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	12.5	125.2 *
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.2	100.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	43.1	86.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	85.8	85.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	489.9	98.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1050.1	105.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2957.8	98.6

\*Not to be reported as inconclusive for this batch. Not found in any case samples in the batch, so not a problem.

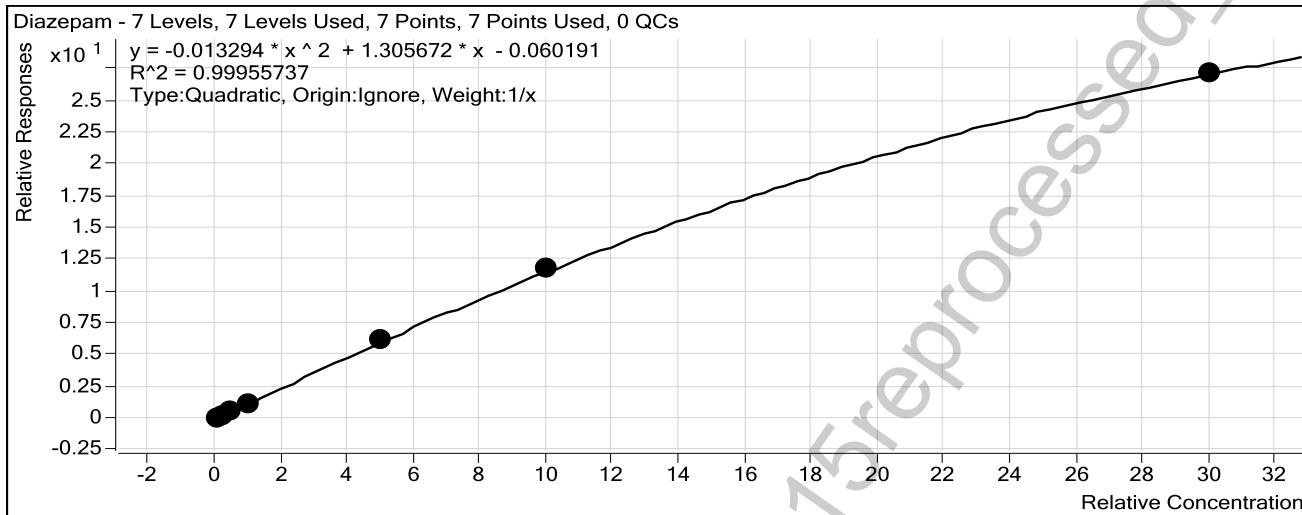
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

**Last Calib Update** 8/4/2015 10:58 AM

**Analyst Name** ISP TOX

**Target Compound** *Diazepam*  
**Internal Standard** *Diazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.4	113.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.2	100.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.5	89.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	94.9	94.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	501.0	100.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1014.8	101.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2990.2	99.7

POC\_AM 6.1.1 Blood\_07282015reprocessed - DND





**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

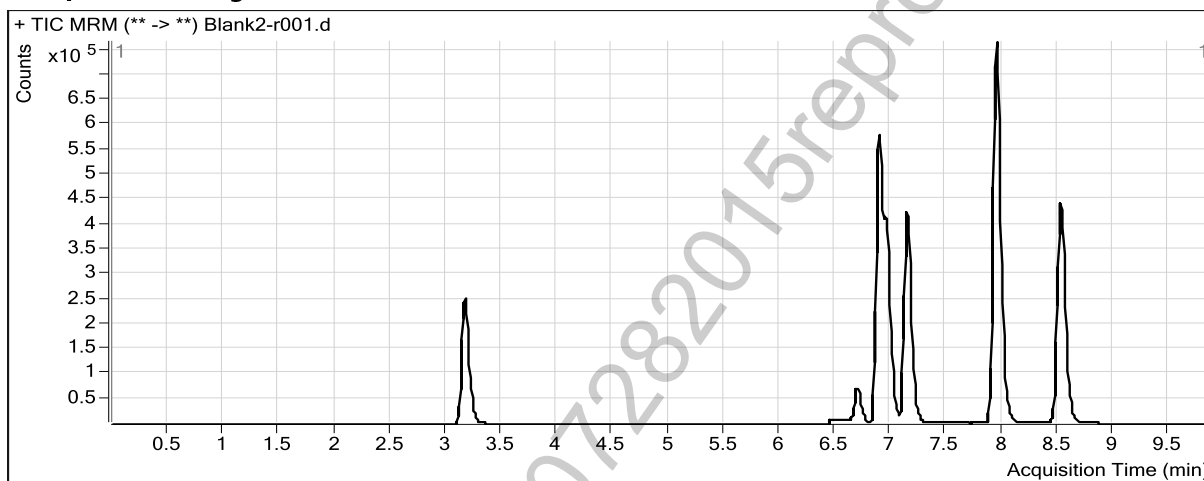
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<b>Batch Data Path</b>	C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin		
<b>Analysis Time</b>	8/4/2015 10:58 AM	<b>Analyst Name</b>	datastor
<b>Report Time</b>	8/4/2015 11:02 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	8/4/2015 10:58 AM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2015-07-29 11:26	<b>Data File</b>	Blank2-r001.d
<b>Sample Type</b>	Blank	<b>Sample Name</b>	Blank
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP.m
<b>Position</b>	P1-A1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

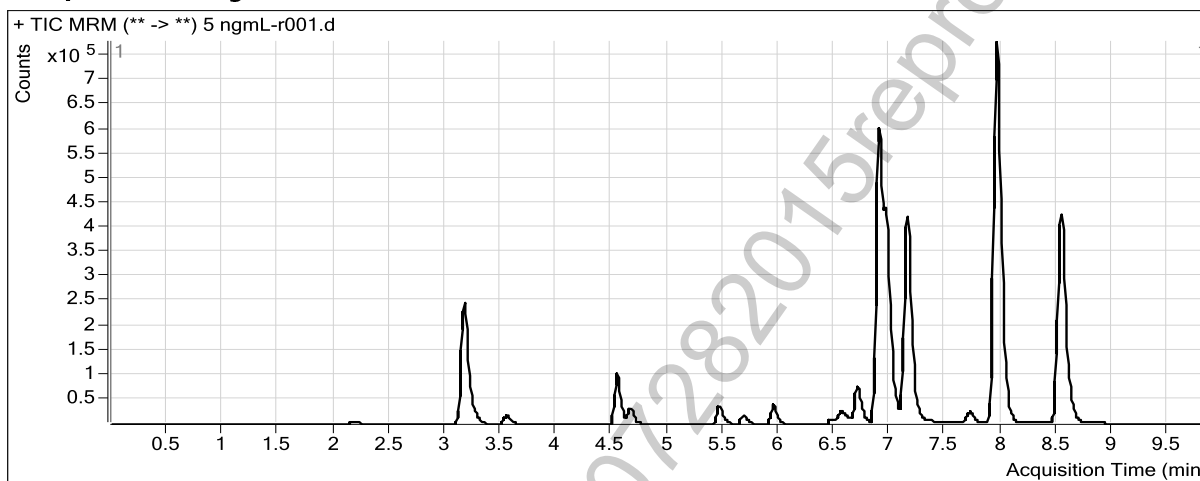


**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin  
**Analysis Time** 8/4/2015 10:58 AM **Analyst Name** datastor  
**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-07-29 11:41 **Data File** 5 ngmL-r001.d  
**Sample Type** Calibration **Sample Name** 5 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	18940	982422	0.0193	6.3849
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	39020	982422	0.0397	6.2905
zopiclone	Oxazepam D5 ISTD	3.548	45134	1791318	0.0252	7.5108
zolpidem	Oxazepam D5 ISTD	4.541	303168	1791318	0.1692	5.1030
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.662	89222	689253	0.1294	10.1601
quetiapine	Temazepam-D5 ISTD	5.460	95846	3498893	0.0274	7.5144
Midazolam	Clonazepam-D4 ISTD	5.680	57923	1459005	0.0397	1.8473
Flurazepam	Diazepam-D5 ISTD	5.945	132863	1090005	0.1219	6.8999
Nitrazepam	Clonazepam-D4 ISTD	6.562	49454	1459005	0.0339	7.5610
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.744	3449	218149	0.0158	8.5038
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.791	7936	689253	0.0115	9.1973
Oxazepam	Oxazepam D5 ISTD	6.938	71524	1791318	0.0399	7.6823
Nordiazepam	Nordiazepam-D5 ISTD	7.050	49124	689253	0.0713	7.4136
Clonazepam	Clonazepam-D4 ISTD	7.190	34113	1459005	0.0234	8.0329
Lorazepam	Oxazepam D5 ISTD	7.264	11225	1791318	0.0063	6.7616
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.359	19571	218149	0.0897	7.8798
Flunitrazepam	Clonazepam-D4 ISTD	7.712	79590	1459005	0.0546	9.2998
Temazepam	Temazepam-D5 ISTD	8.008	116949	3498893	0.0334	10.5381
Diazepam	Diazepam-D5 ISTD	8.631	46683	1090005	0.0428	7.8965



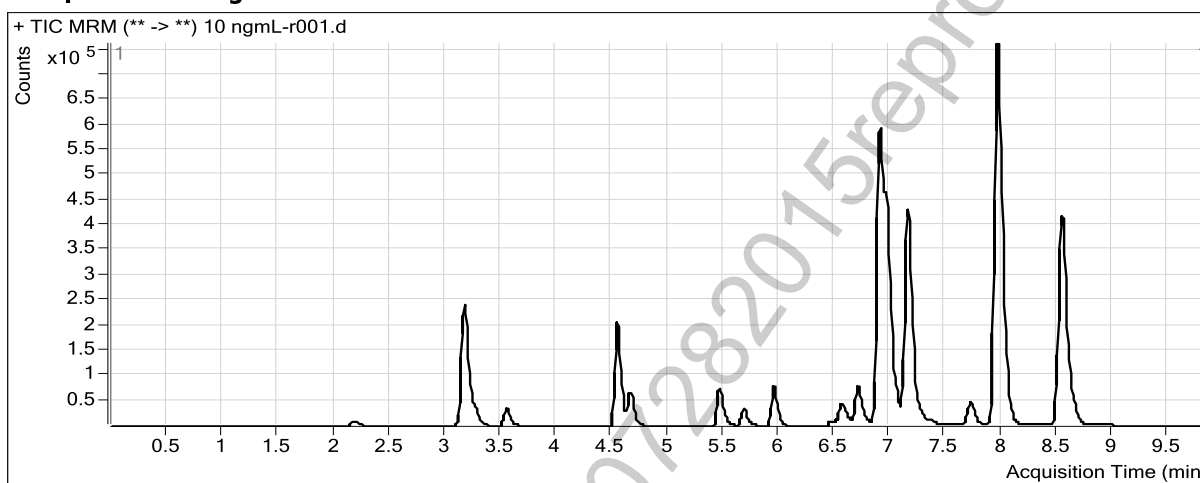
**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin  
**Analysis Time** 8/4/2015 10:58 AM **Analyst Name** datastor  
**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-07-29 11:56 **Data File** 10 ngmL-r001.d  
**Sample Type** Calibration **Sample Name** 10 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A3 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	37736	968558	0.0390	10.1703
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	76317	968558	0.0788	10.2491
zopiclone	Oxazepam D5 ISTD	3.548	90106	1787637	0.0504	11.0366
zolpidem	Oxazepam D5 ISTD	4.541	617949	1787637	0.3457	9.6300
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.662	180849	812026	0.2227	12.3641
quetiapine	Temazepam-D5 ISTD	5.460	198531	3939692	0.0504	11.1834
Midazolam	Clonazepam-D4 ISTD	5.680	114704	1379165	0.0832	8.8117
Flurazepam	Diazepam-D5 ISTD	5.945	260179	1074626	0.2421	10.9219
Nitrazepam	Clonazepam-D4 ISTD	6.571	98189	1379165	0.0712	11.6520
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.744	5346	208217	0.0257	10.9047
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.800	15417	812026	0.0190	11.4119
Oxazepam	Oxazepam D5 ISTD	6.947	141271	1787637	0.0790	11.2336
Nordiazepam	Nordiazepam-D5 ISTD	7.058	95349	812026	0.1174	9.9905
Clonazepam	Clonazepam-D4 ISTD	7.198	67530	1379165	0.0490	11.6575
Lorazepam	Oxazepam D5 ISTD	7.272	20836	1787637	0.0117	10.3892
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.367	29891	208217	0.1436	10.5166
Flunitrazepam	Clonazepam-D4 ISTD	7.720	156204	1379165	0.1133	12.9531
Temazepam	Temazepam-D5 ISTD	8.017	220527	3939692	0.0560	12.5227
Diazepam	Diazepam-D5 ISTD	8.639	94942	1074626	0.0883	11.3897



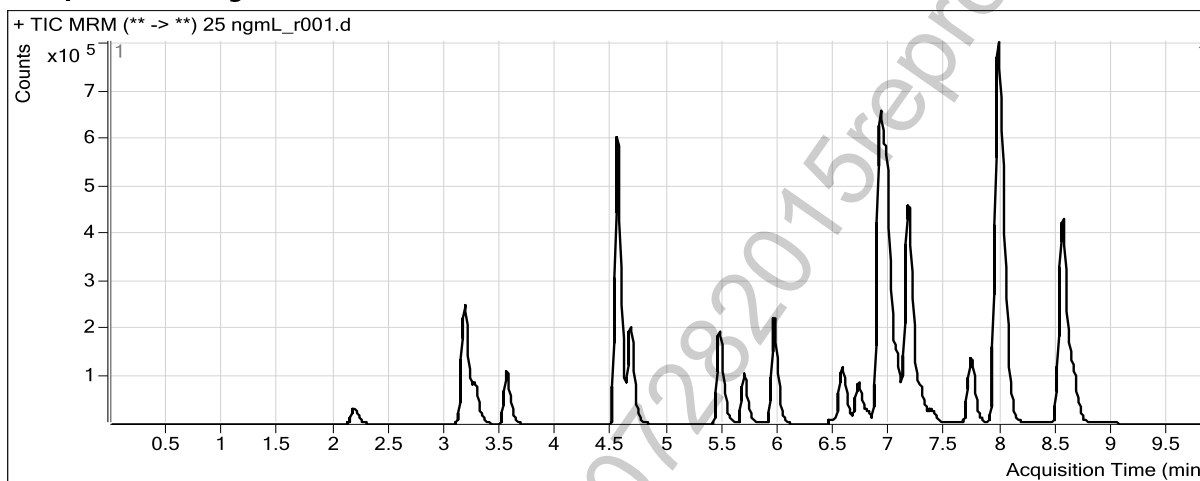
**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin  
**Analysis Time** 8/4/2015 10:58 AM **Analyst Name** datastor  
**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-07-29 12:10 **Data File** 25 ngmL\_r001.d  
**Sample Type** Calibration **Sample Name** 25 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A4 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	115707	1002884	0.1154	24.8806
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	228843	1002884	0.2282	25.4093
zopiclone	Oxazepam D5 ISTD	3.548	282710	1895493	0.1491	24.8393
zolpidem	Oxazepam D5 ISTD	4.541	1820650	1895493	0.9605	25.4482
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.662	561089	744848	0.7533	24.9123
quetiapine	Temazepam-D5 ISTD	5.460	533550	3581130	0.1490	26.9453
Midazolam	Clonazepam-D4 ISTD	5.680	340893	1675176	0.2035	28.0977
Flurazepam	Diazepam-D5 ISTD	5.953	767209	1097991	0.6987	26.2265
Nitrazepam	Clonazepam-D4 ISTD	6.571	307931	1675176	0.1838	24.0185
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.744	18139	268474	0.0676	21.1018
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.791	48443	744848	0.0650	25.0683
Oxazepam	Oxazepam D5 ISTD	6.947	439769	1895493	0.2320	25.1503
Nordiazepam	Nordiazepam-D5 ISTD	7.058	297611	744848	0.3996	25.7657
Clonazepam	Clonazepam-D4 ISTD	7.190	218902	1675176	0.1307	23.2491
Lorazepam	Oxazepam D5 ISTD	7.272	63487	1895493	0.0335	25.1081
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.367	108786	268474	0.4052	23.3462
Flunitrazepam	Clonazepam-D4 ISTD	7.720	483607	1675176	0.2887	23.8830
Temazepam	Temazepam-D5 ISTD	8.017	713854	3581130	0.1993	25.1628
Diazepam	Diazepam-D5 ISTD	8.647	293886	1097991	0.2677	25.1741



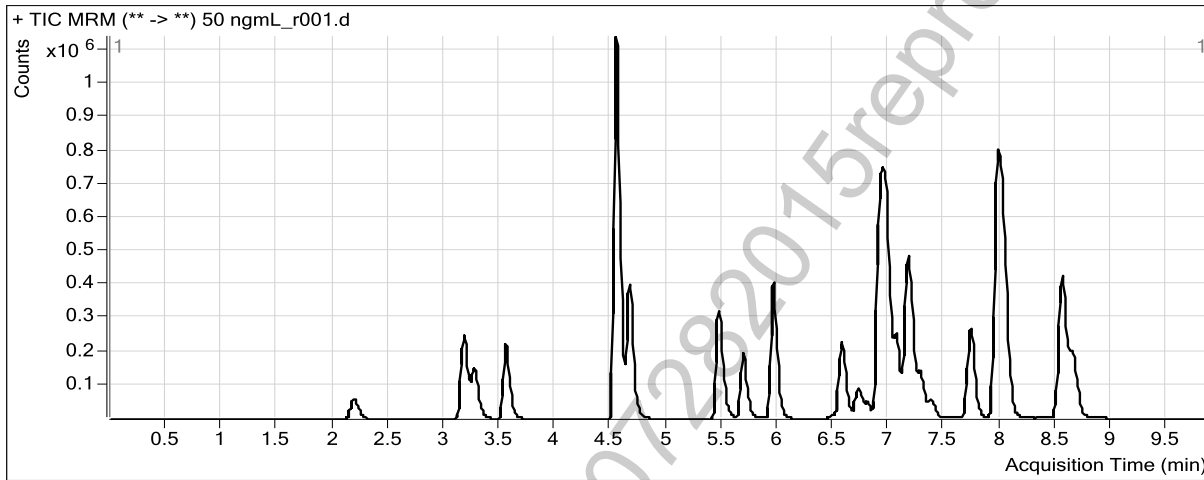
**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin  
**Analysis Time** 8/4/2015 10:58 AM **Analyst Name** datastor  
**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-07-29 12:25 **Data File** 50 ngmL\_r001.d  
**Sample Type** Calibration **Sample Name** 50 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A5 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.192	221232	994771	0.2224	45.5221
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.278	445578	994771	0.4479	47.7828
zopiclone	Oxazepam D5 ISTD	3.548	567134	1874964	0.3025	46.2480
zolpidem	Oxazepam D5 ISTD	4.541	3419944	1874964	1.8240	47.7769
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.662	1109491	736874	1.5057	42.7357
quetiapine	Temazepam-D5 ISTD	5.460	881652	3404212	0.2590	44.5940
Midazolam	Clonazepam-D4 ISTD	5.680	633079	1482510	0.4270	63.9562
Flurazepam	Diazepam-D5 ISTD	5.953	1409847	1097112	1.2851	45.9427
Nitrazepam	Clonazepam-D4 ISTD	6.571	599445	1482510	0.4043	48.2907
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.752	42550	271644	0.1566	42.7850
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.800	97583	736874	0.1324	45.0660
Oxazepam	Oxazepam D5 ISTD	6.947	860326	1874964	0.4588	45.8496
Nordiazepam	Nordiazepam-D5 ISTD	7.067	580843	736874	0.7883	47.5598
Clonazepam	Clonazepam-D4 ISTD	7.198	419483	1482510	0.2830	44.9137
Lorazepam	Oxazepam D5 ISTD	7.281	121983	1874964	0.0651	46.4349
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.376	212366	271644	0.7818	41.8597
Flunitrazepam	Clonazepam-D4 ISTD	7.729	922283	1482510	0.6221	44.7112
Temazepam	Temazepam-D5 ISTD	8.025	1370006	3404212	0.4024	43.1408
Diazepam	Diazepam-D5 ISTD	8.647	569014	1097112	0.5186	44.5345



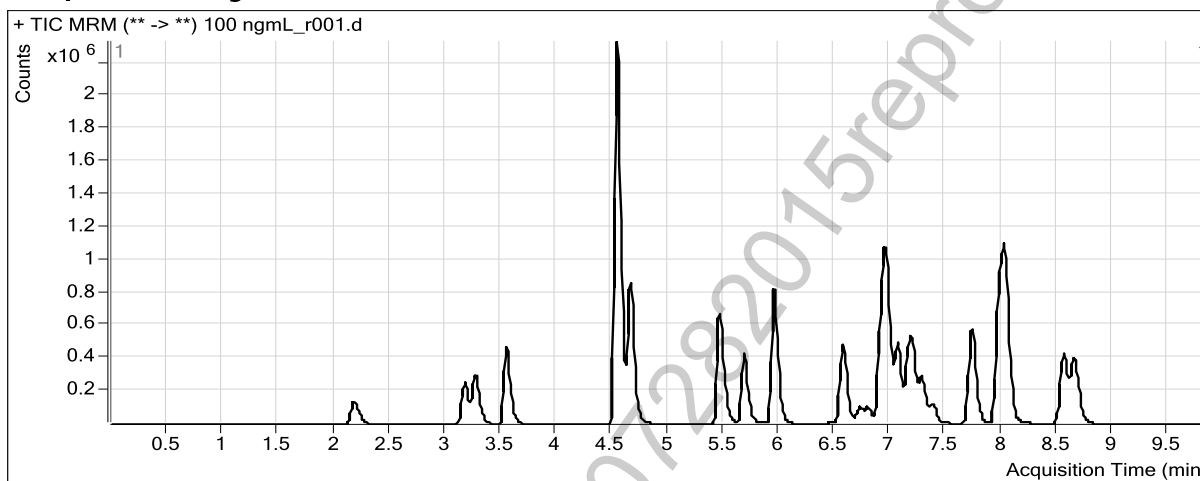
**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin  
**Analysis Time** 8/4/2015 10:58 AM **Analyst Name** datastor  
**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-07-29 12:39 **Data File** 100 ngmL\_r001.d  
**Sample Type** Calibration **Sample Name** 100 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A6 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	507207	988107	0.5133	101.8639
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	966446	988107	0.9781	102.1367
zopiclone	Oxazepam D5 ISTD	3.548	1227787	1798264	0.6828	99.2192
zolpidem	Oxazepam D5 ISTD	4.541	7212508	1798264	4.0108	104.9323
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.662	2398845	698421	3.4347	88.5918
quetiapine	Temazepam-D5 ISTD	5.460	1850414	3395353	0.5450	90.8006
Midazolam	Clonazepam-D4 ISTD	5.680	1311600	1647013	0.7964	123.2876
Flurazepam	Diazepam-D5 ISTD	5.953	2911662	1093828	2.6619	92.5340
Nitrazepam	Clonazepam-D4 ISTD	6.571	1296014	1647013	0.7869	90.5803
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.752	78761	208651	0.3775	96.5435
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.800	212198	698421	0.3038	96.0021
Oxazepam	Oxazepam D5 ISTD	6.955	1809610	1798264	1.0063	96.1227
Nordiazepam	Nordiazepam-D5 ISTD	7.067	1242972	698421	1.7797	103.4745
Clonazepam	Clonazepam-D4 ISTD	7.206	906938	1647013	0.5507	83.1957
Lorazepam	Oxazepam D5 ISTD	7.281	266702	1798264	0.1483	102.9853
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.376	426286	208651	2.0431	104.2857
Flunitrazepam	Clonazepam-D4 ISTD	7.729	2024998	1647013	1.2295	82.8418
Temazepam	Temazepam-D5 ISTD	8.025	2990741	3395353	0.8808	85.8164
Diazepam	Diazepam-D5 ISTD	8.656	1277021	1093828	1.1675	94.9437

# ISP FORENSICS

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### Benzodiazepine Analysis Report

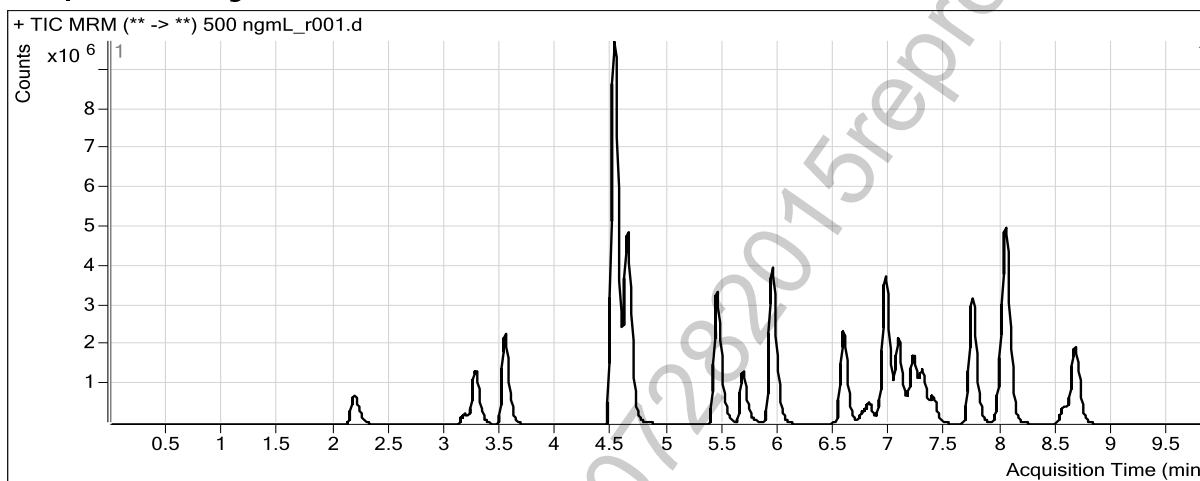


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**Analysis Time** 8/4/2015 10:58 AM **Analyst Name** datastor  
**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

#### Analysis Info

**Acq Time** 2015-07-29 12:54 **Data File** 500 ngmL\_r001.d  
**Sample Type** Calibration **Sample Name** 500 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A7 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	2656647	1041473	2.5509	506.4707
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	4679714	1041473	4.4934	477.0240
zopiclone	Oxazepam D5 ISTD	3.531	6206873	1804764	3.4392	477.9301
zolpidem	Oxazepam D5 ISTD	4.516	34411146	1804764	19.0668	525.6010
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.637	15090750	736352	20.4939	504.6577
quetiapine	Temazepam-D5 ISTD	5.435	10069603	3528329	2.8539	482.6178
Midazolam	Clonazepam-D4 ISTD	5.672	4642854	1494364	3.1069	496.9702
Flurazepam	Diazepam-D5 ISTD	5.928	15834864	1113795	14.2170	501.2089
Nitrazepam	Clonazepam-D4 ISTD	6.579	6344650	1494364	4.2457	484.2573
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.760	533660	223561	2.3871	585.7415
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.808	1169801	736352	1.5886	481.3232
Oxazepam	Oxazepam D5 ISTD	6.955	9019079	1804764	4.9974	477.3473
Nordiazepam	Nordiazepam-D5 ISTD	7.075	6104417	736352	8.2901	483.0777
Clonazepam	Clonazepam-D4 ISTD	7.206	4988105	1494364	3.3379	497.9692
Lorazepam	Oxazepam D5 ISTD	7.289	1283338	1804764	0.7111	497.4841
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.384	2482548	223561	11.1046	573.6061
Flunitrazepam	Clonazepam-D4 ISTD	7.737	11308105	1494364	7.5672	496.3918
Temazepam	Temazepam-D5 ISTD	8.034	18171193	3528329	5.1501	489.9389
Diazepam	Diazepam-D5 ISTD	8.656	6846686	1113795	6.1472	500.9679

ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

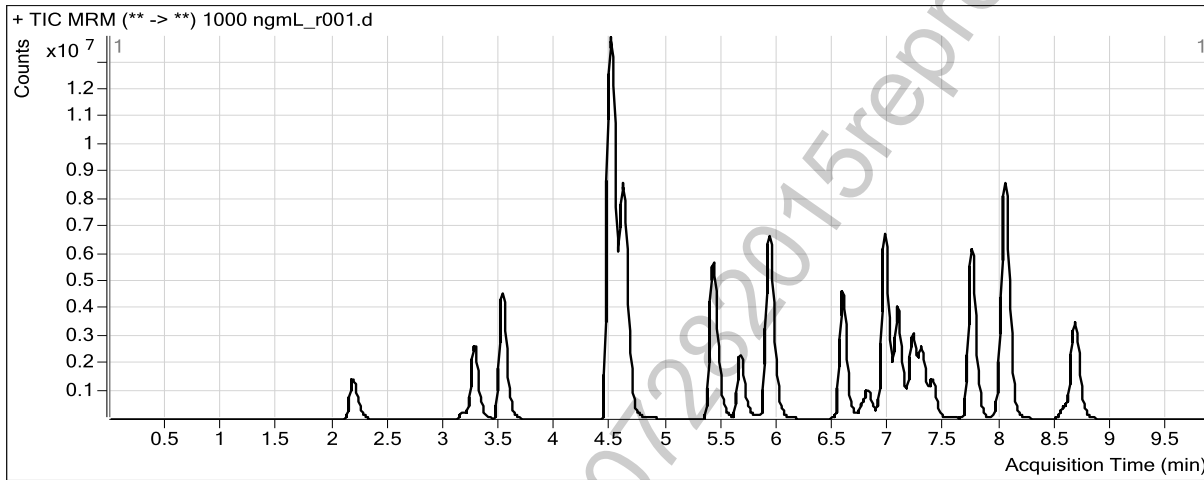


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**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-07-29 13:09 **Data File** 1000 ngmL\_r001.d  
**Sample Type** Calibration **Sample Name** 1000 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A8 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	5420114	1025913	5.2832	1079.8674
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	9475848	1025913	9.2365	1031.0511
zopiclone	Oxazepam D5 ISTD	3.515	13297998	1752294	7.5889	1031.7583
zolpidem	Oxazepam D5 ISTD	4.491	57161941	1752294	32.6212	957.4977
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.612	28308387	698440	40.5309	1020.3683
quetiapine	Temazepam-D5 ISTD	5.410	18722010	3223036	5.8088	1045.8532
Midazolam	Clonazepam-D4 ISTD	5.655	8985618	1453835	6.1806	1000.9299
Flurazepam	Diazepam-D5 ISTD	5.911	29832404	1088383	27.4098	1014.7929
Nitrazepam	Clonazepam-D4 ISTD	6.579	12797138	1453835	8.8023	1038.5236
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.760	1151199	260042	4.4270	1082.3094
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.808	2374010	698440	3.3990	1035.1813
Oxazepam	Oxazepam D5 ISTD	6.963	18221956	1752294	10.3989	1043.2042
Nordiazepam	Nordiazepam-D5 ISTD	7.075	11764686	698440	16.8442	1020.1198
Clonazepam	Clonazepam-D4 ISTD	7.206	9456141	1453835	6.5043	1011.9292
Lorazepam	Oxazepam D5 ISTD alphahydroxyalprazolam-D5	7.289	2430489	1752294	1.3870	1003.6417
Alprazolam	ISTD	7.384	5022734	260042	19.3151	1036.5437
Flunitrazepam	Clonazepam-D4 ISTD	7.737	22110750	1453835	15.2086	1040.4902
Temazepam	Temazepam-D5 ISTD	8.042	33156048	3223036	10.2872	1050.0993
Diazepam	Diazepam-D5 ISTD	8.664	12865326	1088383	11.8206	1014.7860



ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

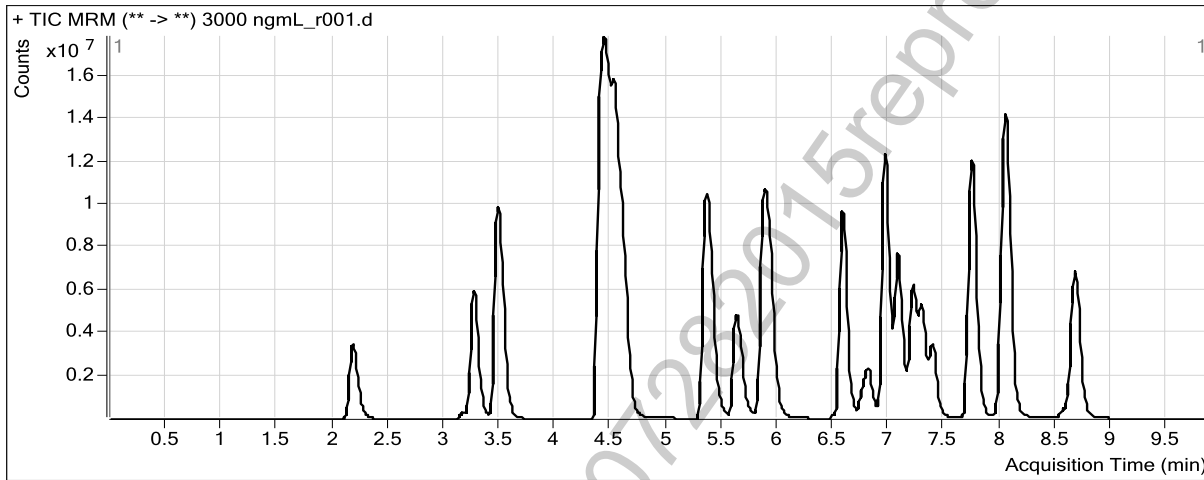


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**Analysis Time** 8/4/2015 10:58 AM **Analyst Name** datastor  
**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-07-29 13:23 **Data File** 3000 ngmL\_r001.d  
**Sample Type** Calibration **Sample Name** 3000 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A9 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	12978092	1020306	12.7198	2891.3700
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	22121526	1020306	21.6813	2989.2655
zopiclone	Oxazepam D5 ISTD	3.481	33979515	1450542	23.4254	2993.7988
zolpidem	Oxazepam D5 ISTD	4.433	102779504	1450542	70.8559	3033.1955
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.554	59130533	558940	105.7905	2990.6721
quetiapine	Temazepam-D5 ISTD	5.351	36136625	2851300	12.6737	2974.8437
Midazolam	Clonazepam-D4 ISTD	5.621	22376728	1250442	17.8951	3000.1927
Flurazepam	Diazepam-D5 ISTD	5.878	63314313	983531	64.3745	2991.1453
Nitrazepam	Clonazepam-D4 ISTD	6.579	27397799	1250442	21.9105	2986.3156
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	6.760	3363887	275997	12.1881	2971.6027
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.808	5280890	558940	9.4480	2990.8956
Oxazepam	Oxazepam D5 ISTD	6.963	35067857	1450542	24.1757	2982.6785
Nordiazepam	Nordiazepam-D5 ISTD	7.083	23296138	558940	41.6792	2994.2901
Clonazepam	Clonazepam-D4 ISTD	7.215	19676595	1250442	15.7357	2994.0902
Lorazepam	Oxazepam D5 ISTD	7.289	5144625	1450542	3.5467	2998.8195
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.384	12202729	275997	44.2133	2822.0971
Flunitrazepam	Clonazepam-D4 ISTD	7.737	45022685	1250442	36.0054	2980.1127
Temazepam	Temazepam-D5 ISTD	8.042	59817665	2851300	20.9791	2957.7702
Diazepam	Diazepam-D5 ISTD	8.664	26649399	983531	27.0956	2990.2251

**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

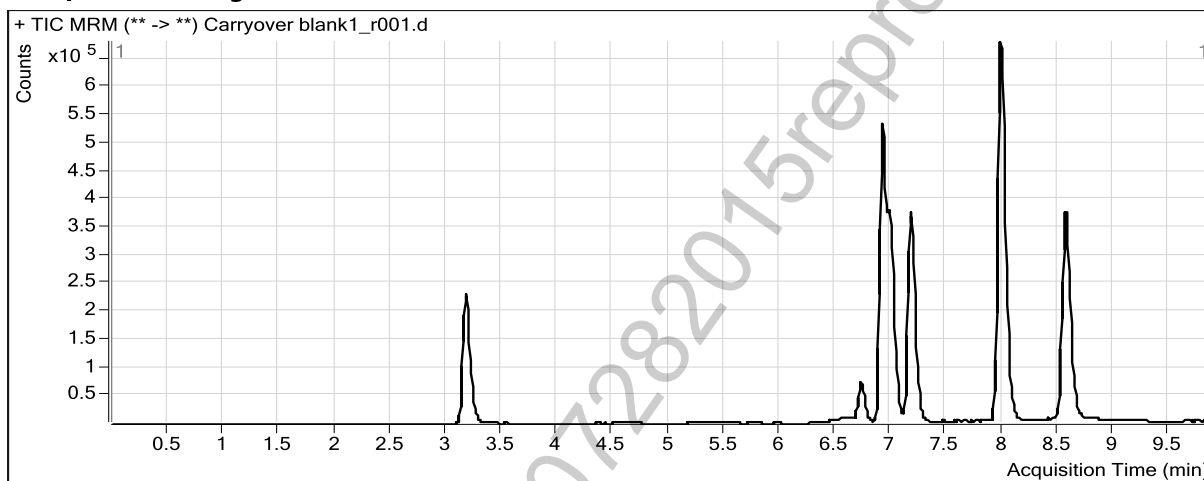


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<b>Analysis Time</b>	8/4/2015 10:58 AM	<b>Analyst Name</b>	datastor
<b>Report Time</b>	8/4/2015 11:02 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	8/4/2015 10:58 AM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2015-07-29 13:38	<b>Data File</b>	Carryover blank1_r001.d
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<b>Position</b>	P1-A1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**





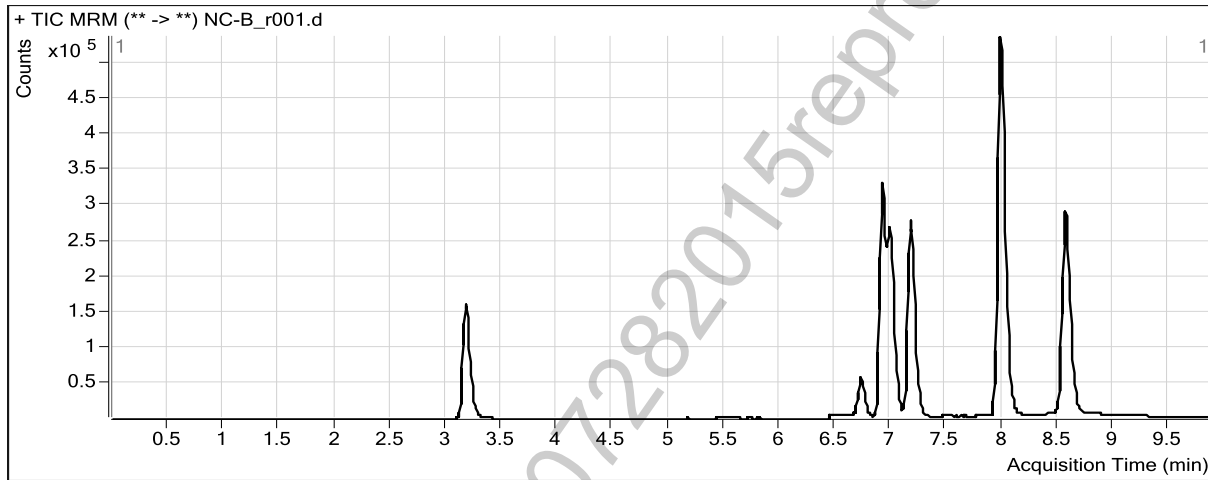
**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

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<b>Report Time</b>	8/4/2015 11:02 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	8/4/2015 10:58 AM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2015-07-29 13:52	<b>Data File</b>	NC-B_r001.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Negative Blood Control
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP.m
<b>Position</b>	P1-B1	<b>Sample Info</b>	UTAK Negative Whole Blood LOT B0689
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

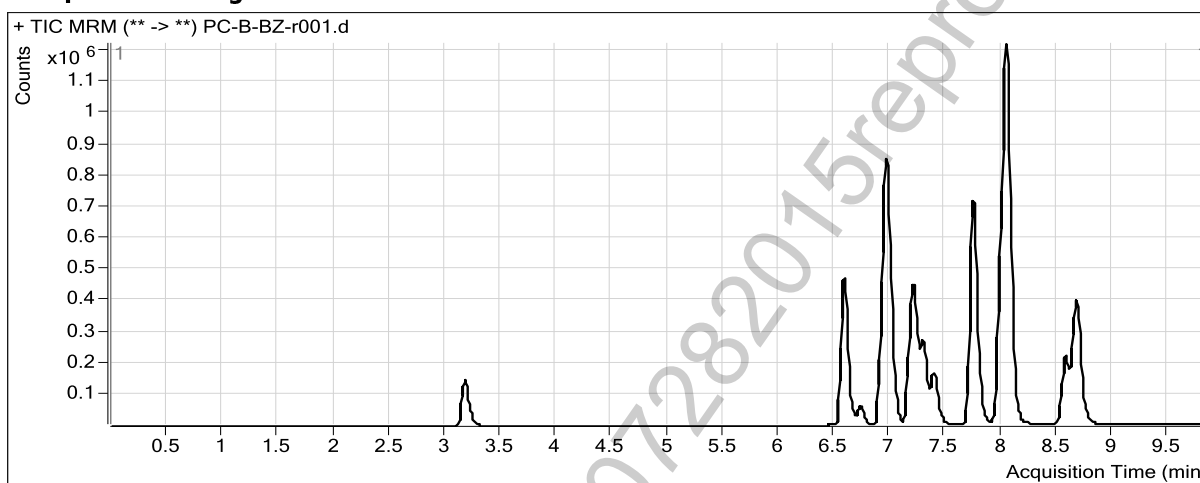


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**Analysis Time** 8/4/2015 10:58 AM **Analyst Name** datastor  
**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-07-29 14:07 **Data File** PC-B-BZ-r001.d  
**Sample Type** Sample **Sample Name** Positive Blood Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-B2 **Sample Info** 200 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT B0  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nitrazepam	Clonazepam-D4 ISTD	6.579	1299677	845334	1.5375	174.2507
Oxazepam	Oxazepam D5 ISTD	6.963	1715073	957666	1.7909	168.9733
Clonazepam	Clonazepam-D4 ISTD	7.215	1065869	845334	1.2609	186.0094
Lorazepam	Oxazepam D5 ISTD	7.289	242046	957666	0.2527	174.5545
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.392	623318	201833	3.0883	156.5185
Flunitrazepam	Clonazepam-D4 ISTD	7.737	2518549	845334	2.9794	194.0895
Temazepam	Temazepam-D5 ISTD	8.042	3963729	2061742	1.9225	180.4156
Diazepam	Diazepam-D5 ISTD	8.672	1356045	570459	2.3771	190.3600

**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

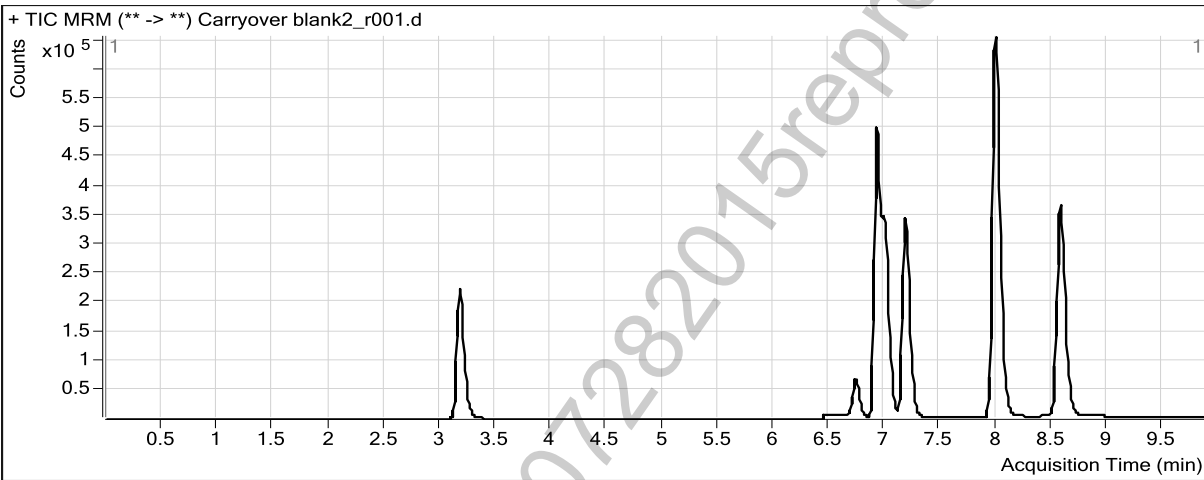


**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin  
**Analysis Time** 8/4/2015 10:58 AM **Analyst Name** datastor  
**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-07-29 14:22 **Data File** Carryover blank2\_r001.d  
**Sample Type** Blank **Sample Name** Blank  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**





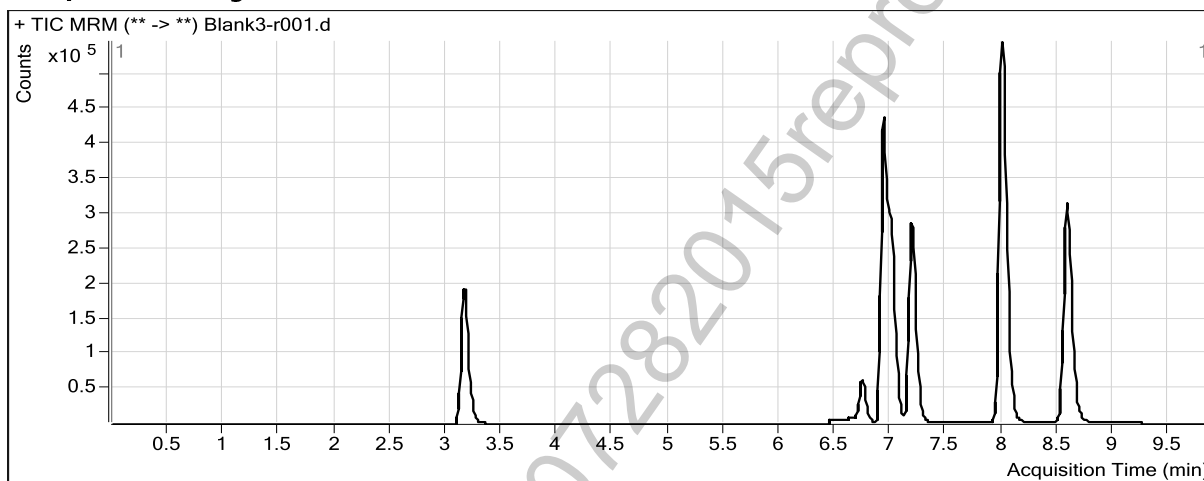
**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

**Batch Data Path** C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin  
**Analysis Time** 8/4/2015 10:58 AM **Analyst Name** datastor  
**Report Time** 8/4/2015 11:02 AM **Reporter Name** ISPUser  
**Last Calib Update** 8/4/2015 10:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-07-29 22:24 **Data File** Blank3-r001.d  
**Sample Type** Blank **Sample Name** Blank  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**





**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

<b>Batch Data Path</b>	C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin		
<b>Analysis Time</b>	8/4/2015 10:58 AM	<b>Analyst Name</b>	datastor
<b>Report Time</b>	8/4/2015 11:02 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	8/4/2015 10:58 AM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2015-07-29 22:39	<b>Data File</b>	Blank4-r001.d
<b>Sample Type</b>	Blank	<b>Sample Name</b>	Blank
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP.m
<b>Position</b>	P1-A1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**

