

**Worklist: 605**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
M2014-3505	2	28721	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2561	1	28722	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2636	1	28723	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2640	1	28724	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2682	1	28725	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2705	1	28726	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2753	1	28727	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2771	1	28729	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2772	1	28730	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2860	1	28731	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2902	1	28732	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2942	1	28733	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2965	1	28734	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-2966	1	28738	6.1.1 Blood LCMS-QQQ Benzoc	
P2014-3017	1	28736	6.1.1 Blood LCMS-QQQ Benzoc	

Review of central file verified on peer review sheet in each case file.  07/09/2015



POC\_AM6.1.1 Blood 030515

# Worklist Report

03/02/15

Worklist Path: C:\MassHunter\ISP Methods\worklists\DD-BZZQ-B-LOWCAL.wkl  
 Date Modified: 03/02/2015 09:56:37 AM  
 Date Printed: 03/02/2015 12:18:40 PM

## 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-B-030715  
 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 P1 Barcode

## Worklist Table

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	15 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	15 ngmL-r001.d	Calibration	3	AM 6.1.1 Benzo and Z by LCQQQ	

08/02/15

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-A5	25 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	25 ngmL_r001.d	Calibration	4	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A6	50 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	50 ngmL_r001.d	Calibration	5	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A7	100 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	100 ngmL_r001.d	Calibration	6	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A8	500 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	500 ngmL_r001.d	Calibration	7	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A9	1000 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	1000 ngmL_r001.d	Calibration	8	AM 6.1.1 Benzo and Z by LCQQQ	
P1-B1	3000 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	3000 ngmL_r001.d	Calibration	9	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-B2	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	UTAK Negative Whole Blood LOT B0130
P1-B3	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 ng/mL 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-B2	Blank - M2014- 3505-2	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- M2014- 3505-2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B4	M2014- 3505-2	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2014-3505-2- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank - P2014- 2561-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2561-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B5	P2014- 2561-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2561-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank - P2014- 2636-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2636-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B6	P2014- 2636-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2636-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank - P2014- 2640-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2640-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B7				Sample			Blood

03/02/15

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-B2	P2014-2640-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2640-1- r001.d			AM 6.1.1 Benzo and Z by LCQQQ	
P1-B2	Blank P2014- 2682-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2682-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B8	P2014- 2682-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2682-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank P2014- 2705-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2705-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B9	P2014- 2705-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2705-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank P2014- 2753-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2753-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C1	P2014- 2753-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2753-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank P2014- 2771-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2771-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C2	P2014- 2771-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2771-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank P2014- 2772-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2772-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C3	P2014- 2772-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2772-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank P2014- 2860-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2860-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C4	P2014- 2860-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2860-1- r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B2	Blank P2014- 2902-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2902-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C5	P2014- 2902-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2902-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank P2014- 2942-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2942-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C6	P2014- 2942-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2942-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2				Blank			

Q.03/02/15.

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-B2	Blank - P2014-2965-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2965-1_r001.d			AM 6.1.1 Benzo and Z by LCQQQ	
P1-C7	P2014-2965-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2965-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank - P2014-2966-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 2966-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C8	P2014-2966-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-2966-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	Blank - P2014-3017-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- P2014- 3017-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C9	P2014-3017-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2014-3017-1- r001.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	

Blood\_03032015\_DND

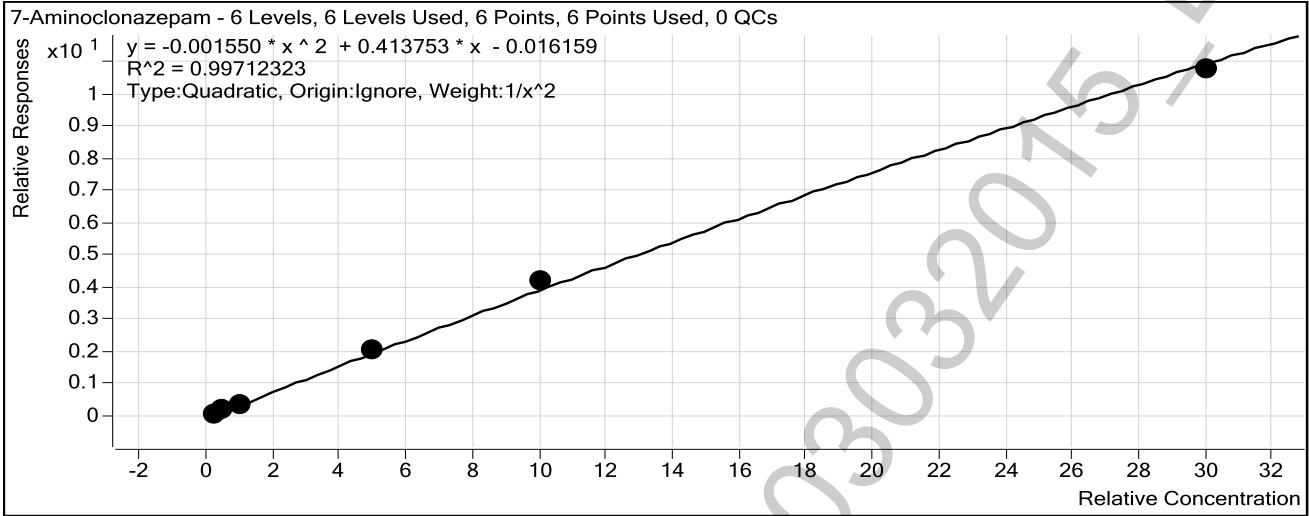
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX



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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	25.8	103.3
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.1	94.2
100 ng/mL	6	<input checked="" type="checkbox"/>	100	97.5	97.5
500 ng/mL	7	<input checked="" type="checkbox"/>	500	505.5	101.1
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1063.6	106.4
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2923.6	97.5

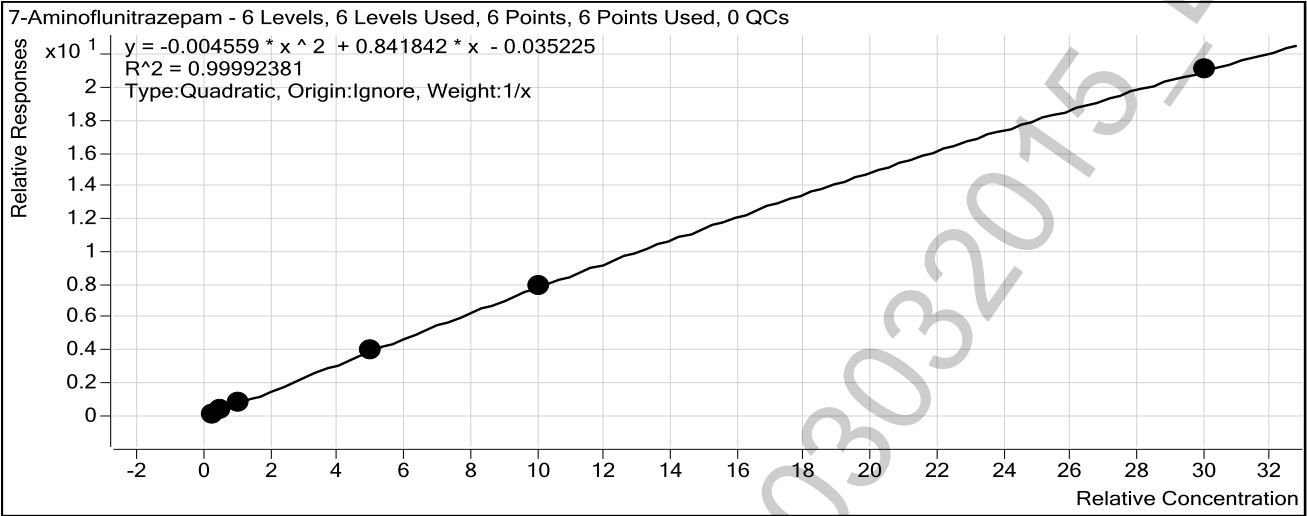
POC-AM 6.1.1 Blood/03032015 DMD

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	25.9	103.5
50 ng/mL	5	<input checked="" type="checkbox"/>	50	48.9	97.8
100 ng/mL	6	<input checked="" type="checkbox"/>	100	99.0	99.0
500 ng/mL	7	<input checked="" type="checkbox"/>	500	493.2	98.6
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1011.0	101.1
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2996.8	99.9

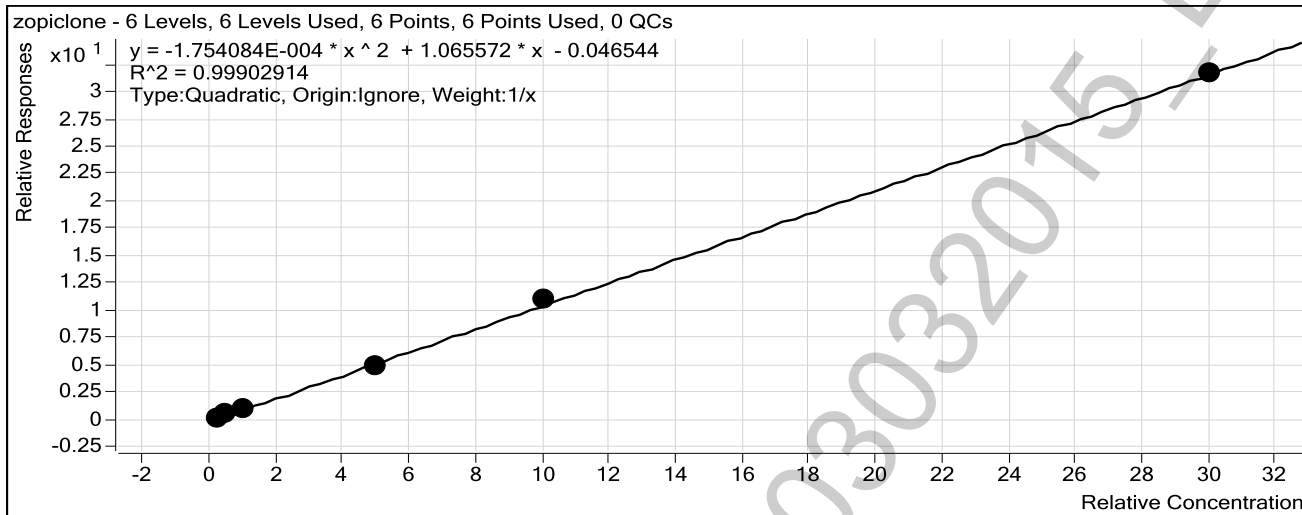
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	25.4	101.4
50 ng/mL	5	<input checked="" type="checkbox"/>	50	49.7	99.3
100 ng/mL	6	<input checked="" type="checkbox"/>	100	102.4	102.4
500 ng/mL	7	<input checked="" type="checkbox"/>	500	465.4	93.1
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1039.7	104.0
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2992.4	99.7

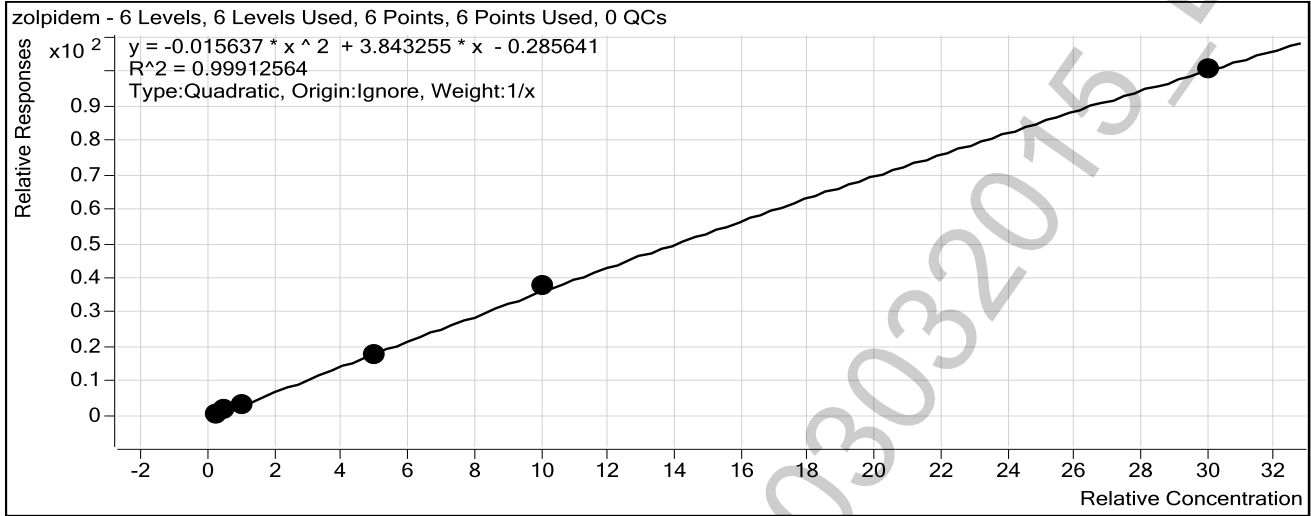


# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



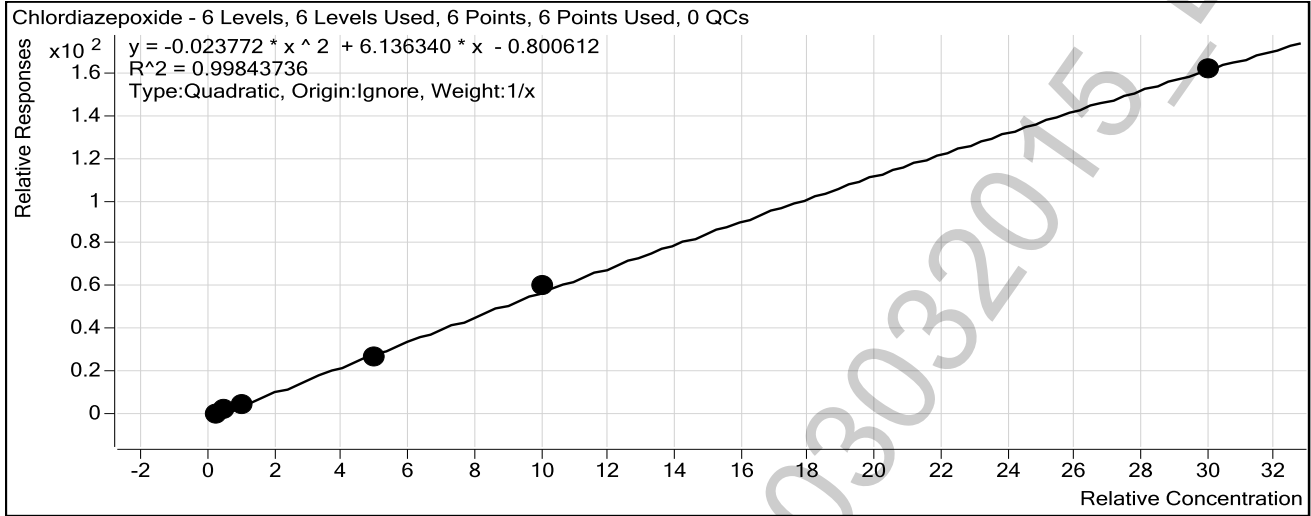
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	27.0	107.9
50 ng/mL	5	<input checked="" type="checkbox"/>	50	48.7	97.4
100 ng/mL	6	<input checked="" type="checkbox"/>	100	96.4	96.4
500 ng/mL	7	<input checked="" type="checkbox"/>	500	473.0	94.6
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1039.7	104.0
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2989.8	99.7

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	28.4	113.7
50 ng/mL	5	<input checked="" type="checkbox"/>	50	49.8	99.6
100 ng/mL	6	<input checked="" type="checkbox"/>	100	87.7	87.7
500 ng/mL	7	<input checked="" type="checkbox"/>	500	473.0	94.6
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1049.4	104.9
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2986.4	99.5

POC-AM 6.1.1 Blood/03032015

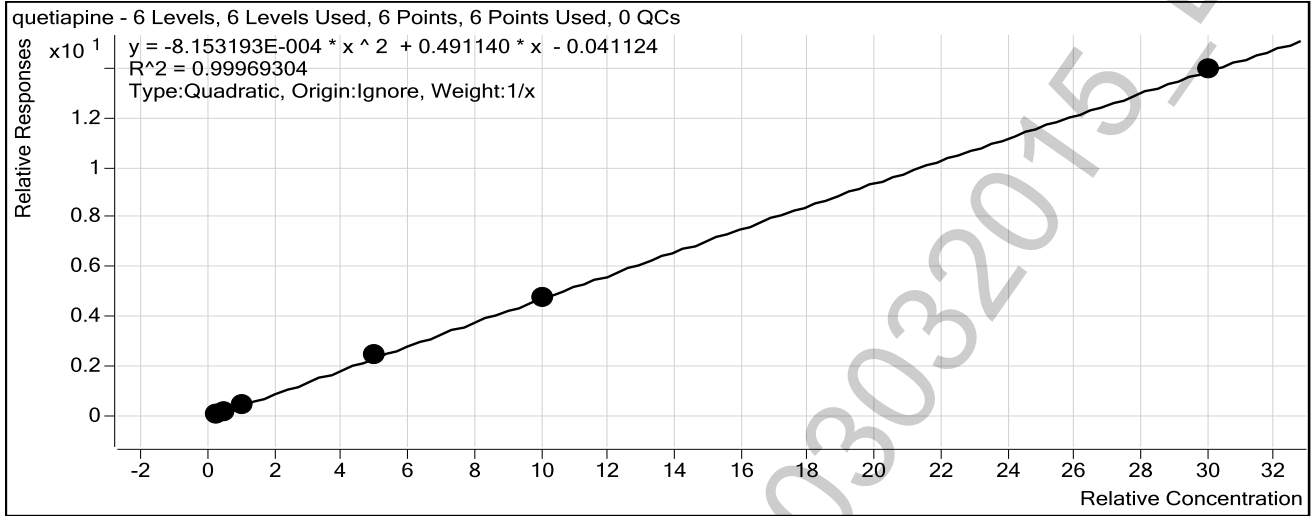


# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	27.4	109.7
50 ng/mL	5	<input checked="" type="checkbox"/>	50	48.1	96.3
100 ng/mL	6	<input checked="" type="checkbox"/>	100	92.2	92.2
500 ng/mL	7	<input checked="" type="checkbox"/>	500	511.5	102.3
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	996.2	99.6
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2999.6	100.0

POC-AM 6.1.1 Blood/03032015 DMR

# ISP Forensics Calibration Curve Report

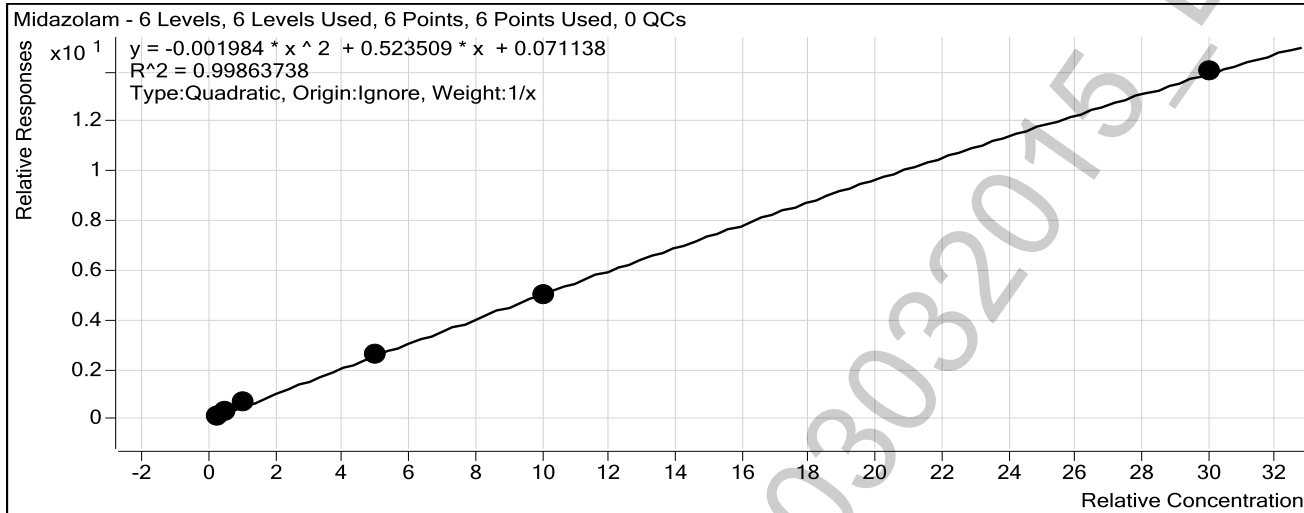
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**Last Calib Update** 3/4/2015 11:58 AM

**Analyst Name** ISP TOX

**Target Compound** Midazolam

**Internal Standard** Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	20.2	80.7
50 ng/mL	5	<input checked="" type="checkbox"/>	50	51.8	103.5
100 ng/mL	6	<input checked="" type="checkbox"/>	100	118.7	118.7
500 ng/mL	7	<input checked="" type="checkbox"/>	500	490.5	98.1
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	988.2	98.8
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	3005.9	100.2

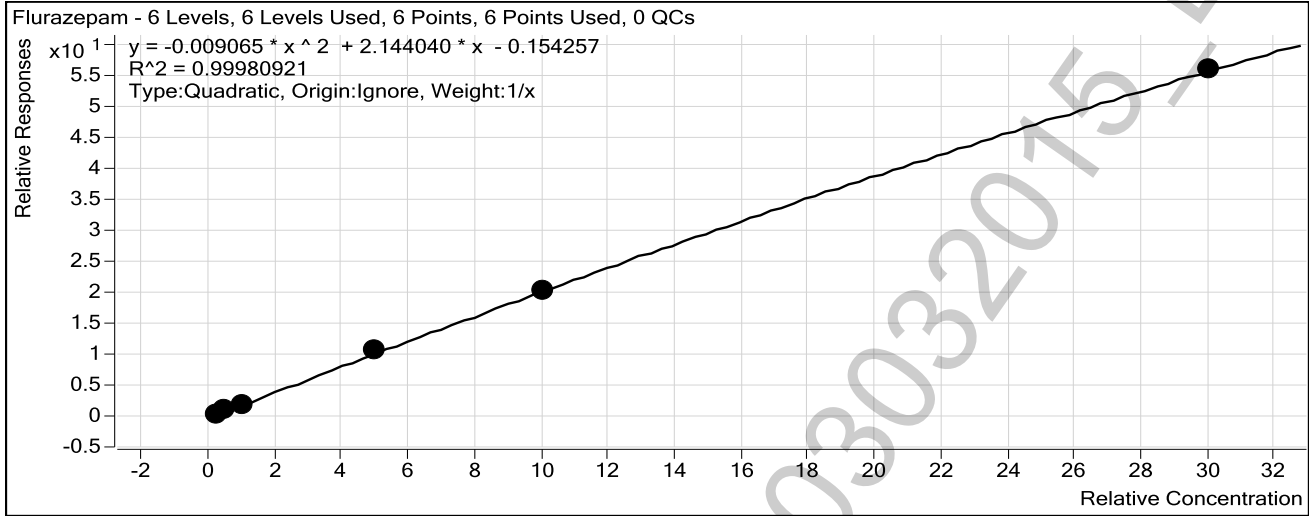
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM

**Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	26.8	107.4
50 ng/mL	5	<input checked="" type="checkbox"/>	50	48.6	97.1
100 ng/mL	6	<input checked="" type="checkbox"/>	100	94.1	94.1
500 ng/mL	7	<input checked="" type="checkbox"/>	500	508.3	101.7
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	997.8	99.8
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2999.4	100.0

POC-AM 6.1.1 Blood-03032015-DMD

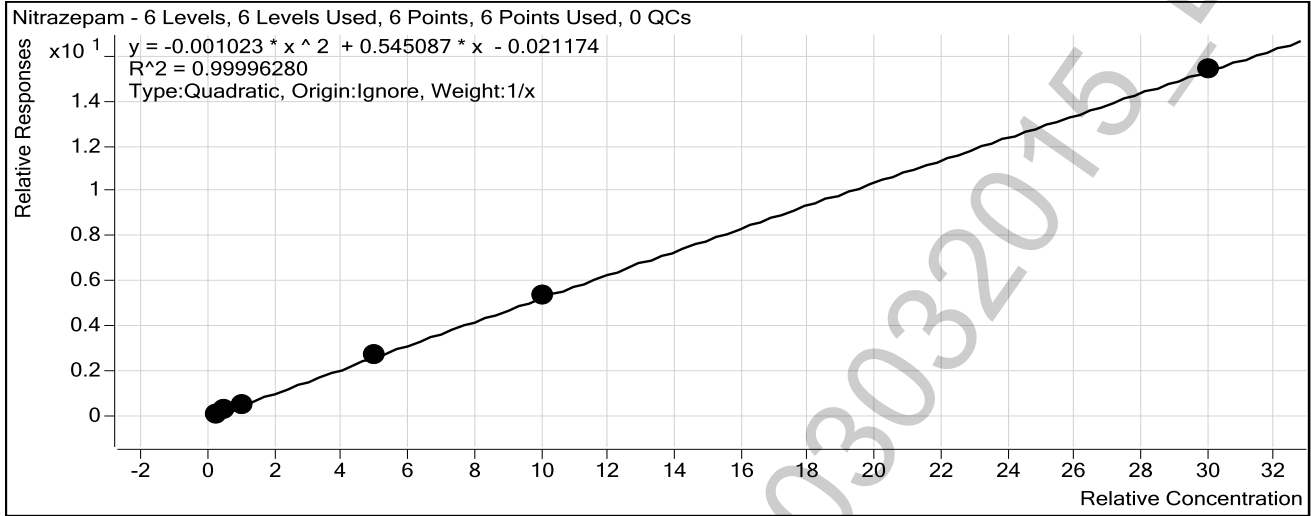
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM

**Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	25.8	103.2
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.8	95.5
100 ng/mL	6	<input checked="" type="checkbox"/>	100	101.3	101.3
500 ng/mL	7	<input checked="" type="checkbox"/>	500	500.0	100.0
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1000.3	100.0
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2999.9	100.0

POC-AM 6.1.1 Blood/03032015 DMD



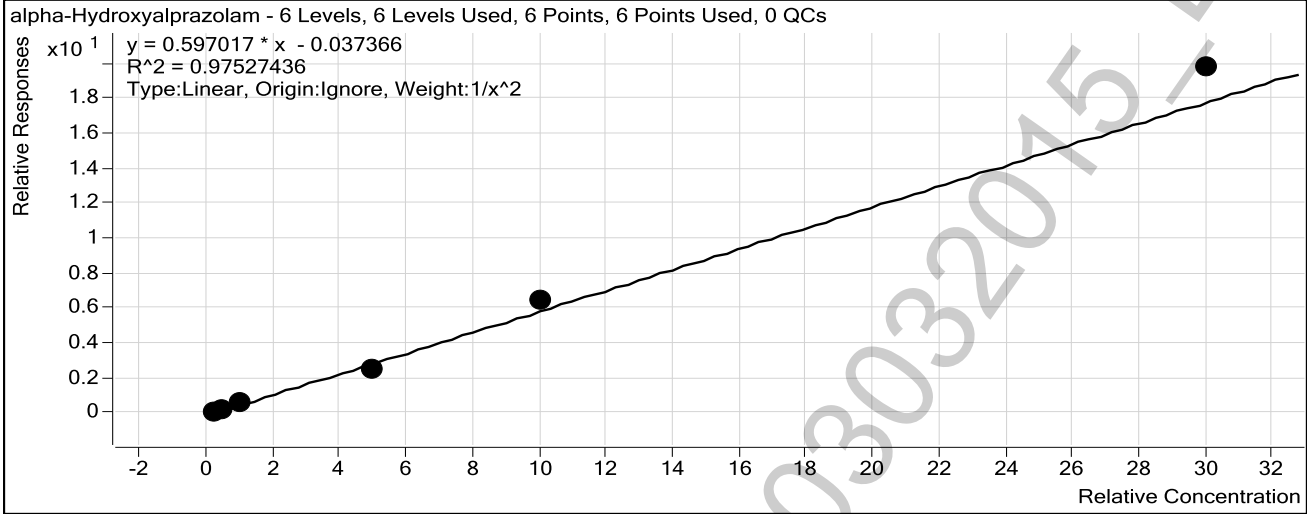
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM

**Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	27.0	107.8
50 ng/mL	5	<input checked="" type="checkbox"/>	50	41.0	81.9
100 ng/mL	6	<input checked="" type="checkbox"/>	100	106.8	106.8
500 ng/mL	7	<input checked="" type="checkbox"/>	500	420.8	84.2
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1088.4	108.8
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	3313.9	110.5

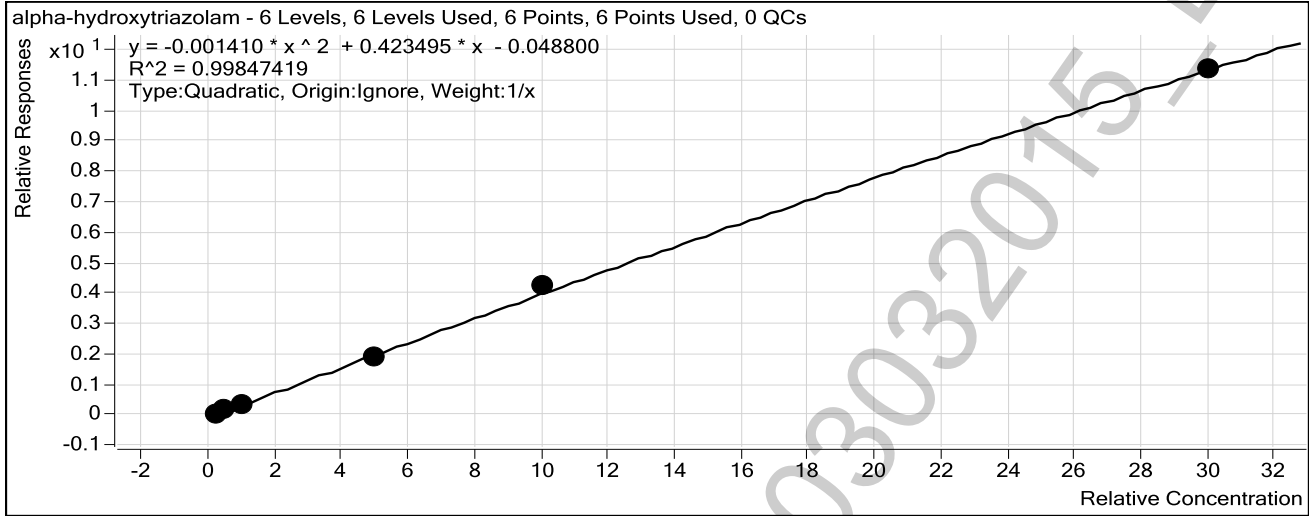
POC-AM 6.1.1 Blood/03032015-DMD

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	27.5	110.2
50 ng/mL	5	<input checked="" type="checkbox"/>	50	48.9	97.9
100 ng/mL	6	<input checked="" type="checkbox"/>	100	94.3	94.3
500 ng/mL	7	<input checked="" type="checkbox"/>	500	464.4	92.9
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1052.8	105.3
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2986.9	99.6

POC-AM 6.1.1 Blood/03032015 DMS

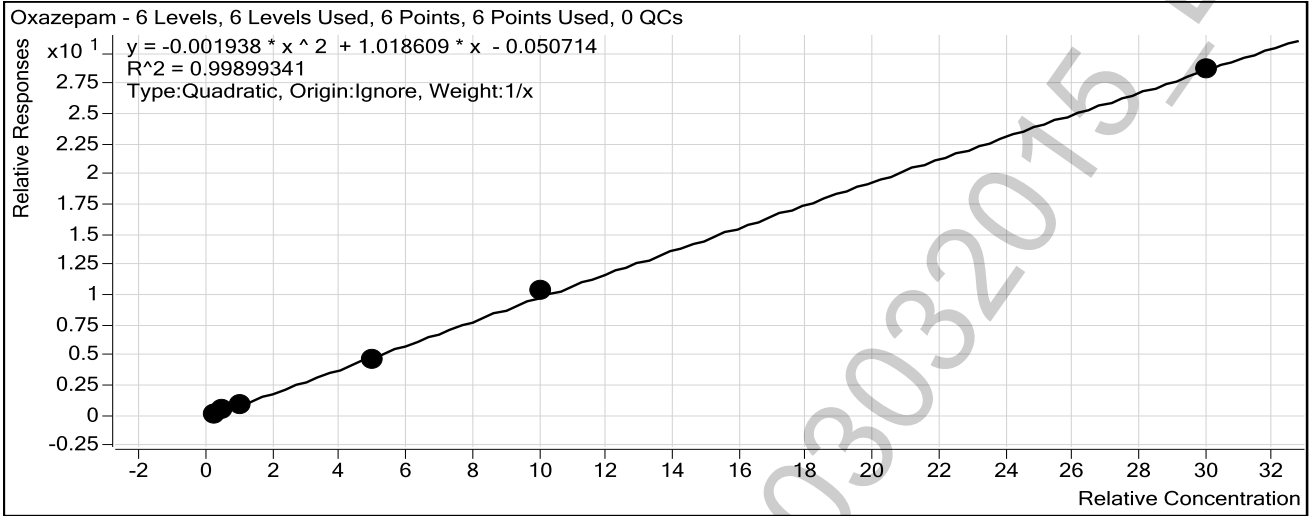


# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	25.4	101.5
50 ng/mL	5	<input checked="" type="checkbox"/>	50	50.9	101.9
100 ng/mL	6	<input checked="" type="checkbox"/>	100	99.5	99.5
500 ng/mL	7	<input checked="" type="checkbox"/>	500	466.3	93.3
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1041.8	104.2
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2991.1	99.7

POC-AM 6.1.1 Blood-03032015 DMD

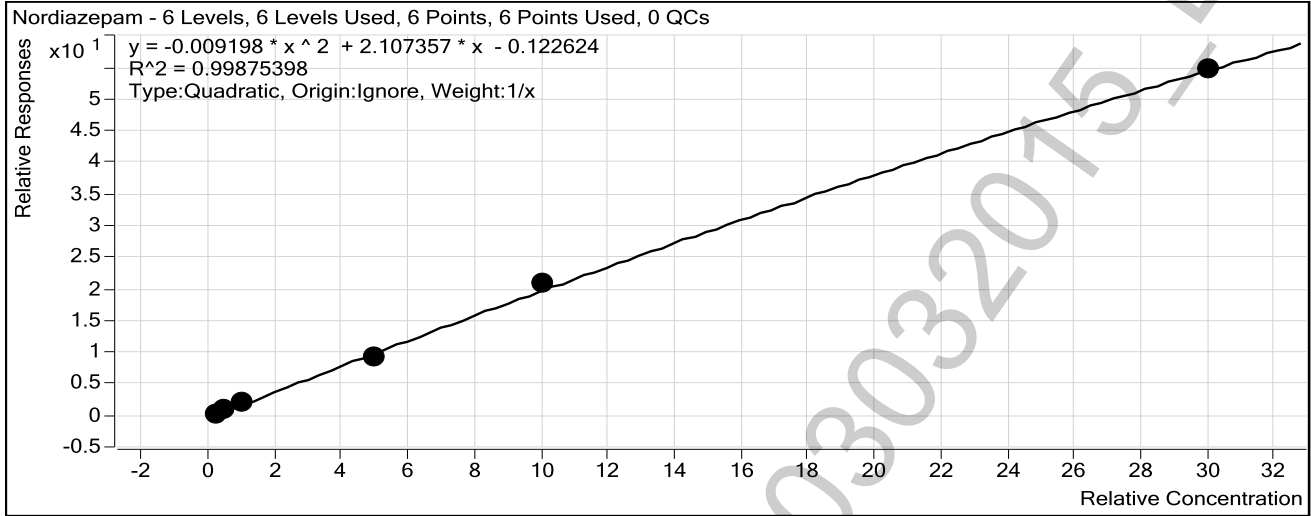


# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	24.7	98.8
50 ng/mL	5	<input checked="" type="checkbox"/>	50	51.7	103.4
100 ng/mL	6	<input checked="" type="checkbox"/>	100	101.1	101.1
500 ng/mL	7	<input checked="" type="checkbox"/>	500	463.2	92.6
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1044.3	104.4
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2989.6	99.7

POC-AM 6.1.1 Blood/03032015-DMS

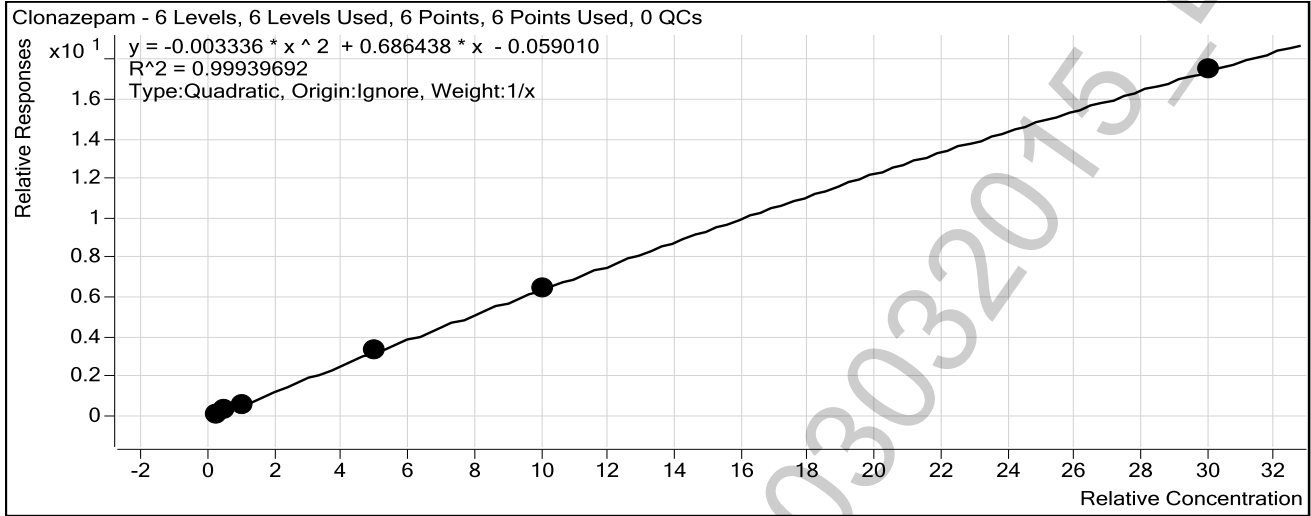
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX



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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	27.4	109.5
50 ng/mL	5	<input checked="" type="checkbox"/>	50	50.1	100.2
100 ng/mL	6	<input checked="" type="checkbox"/>	100	87.9	87.9
500 ng/mL	7	<input checked="" type="checkbox"/>	500	513.5	102.7
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	997.4	99.7
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2998.6	100.0

POC-AM 6.1.1 Blood 03032015

# ISP Forensics Calibration Curve Report

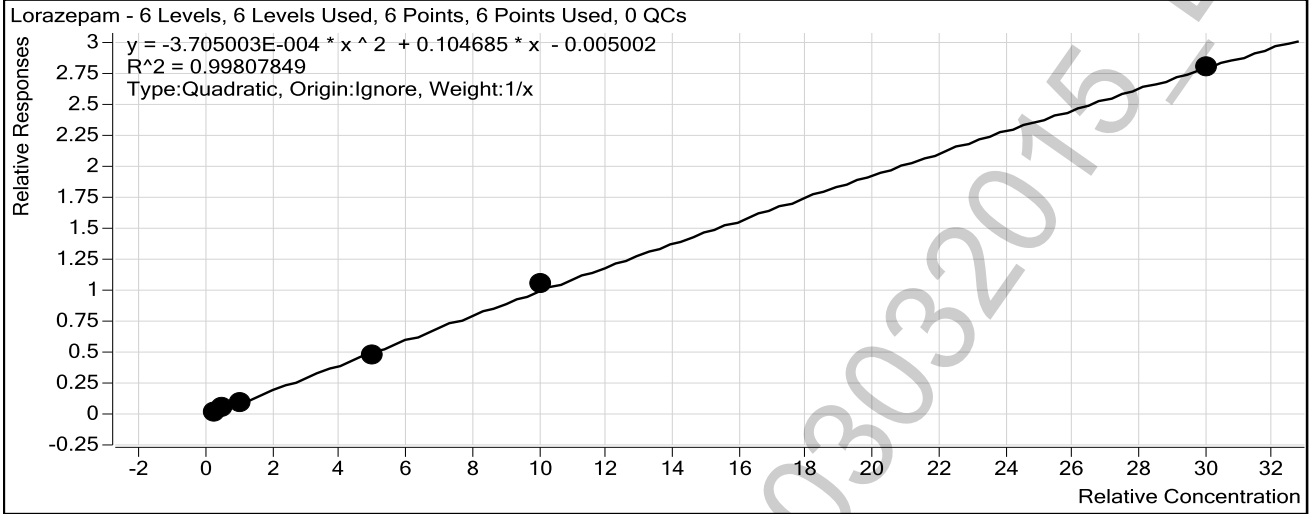
**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM

**Analyst Name** ISP TOX



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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	24.1	96.4
50 ng/mL	5	<input checked="" type="checkbox"/>	50	54.6	109.2
100 ng/mL	6	<input checked="" type="checkbox"/>	100	98.3	98.3
500 ng/mL	7	<input checked="" type="checkbox"/>	500	455.5	91.1
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1054.7	105.5
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2987.6	99.6

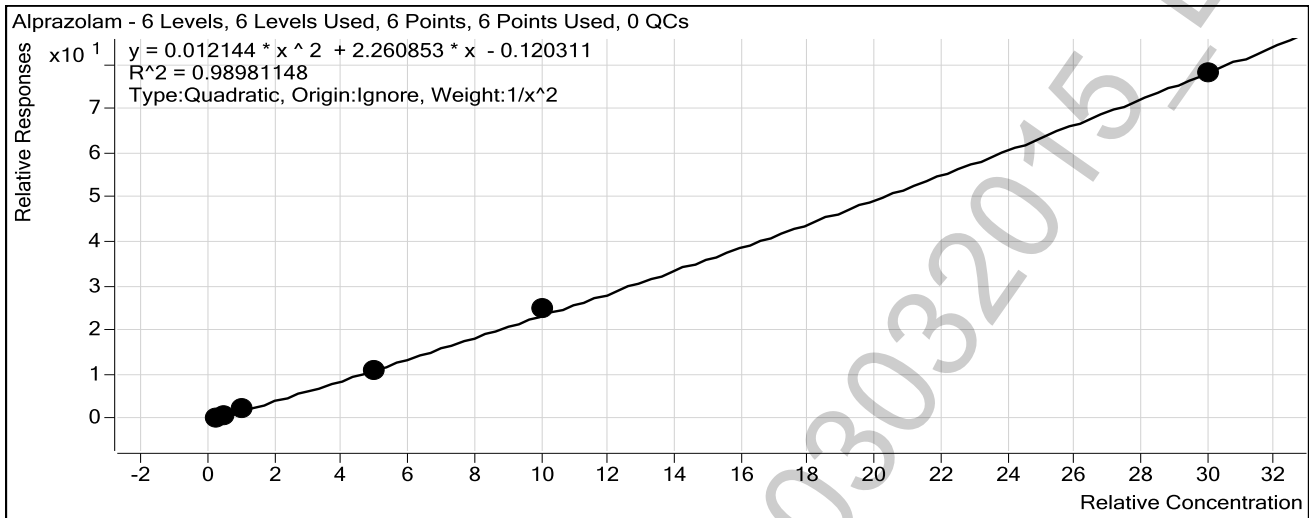
POC-AM 6.1.1 Blood/03032015 DMD

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



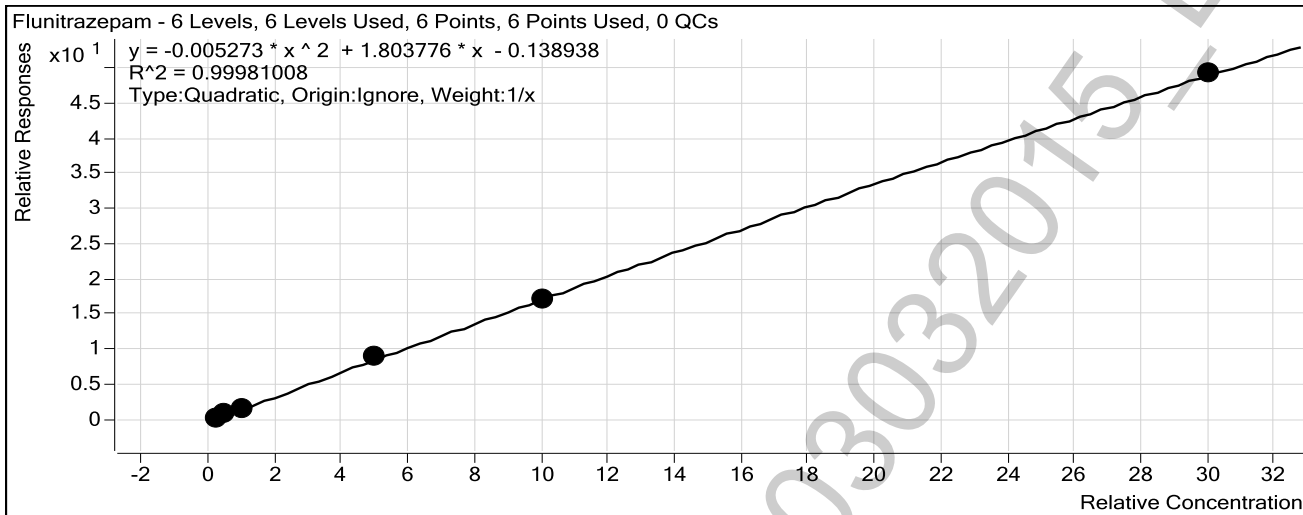
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	26.1	104.4
50 ng/mL	5	<input checked="" type="checkbox"/>	50	43.1	86.1
100 ng/mL	6	<input checked="" type="checkbox"/>	100	110.9	110.9
500 ng/mL	7	<input checked="" type="checkbox"/>	500	470.9	94.2
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1051.1	105.1
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2976.3	99.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



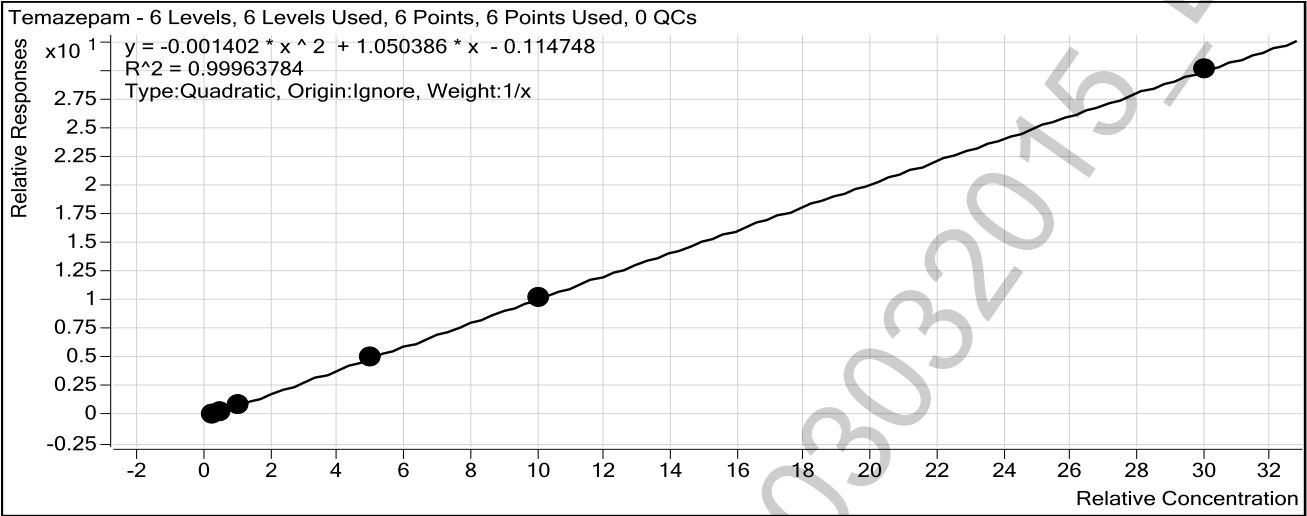
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	26.3	105.0
50 ng/mL	5	<input checked="" type="checkbox"/>	50	48.8	97.7
100 ng/mL	6	<input checked="" type="checkbox"/>	100	95.7	95.7
500 ng/mL	7	<input checked="" type="checkbox"/>	500	513.0	102.6
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	989.7	99.0
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	3001.6	100.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	28.2	112.6
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.6	95.1
100 ng/mL	6	<input checked="" type="checkbox"/>	100	91.0	91.0
500 ng/mL	7	<input checked="" type="checkbox"/>	500	501.7	100.3
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1010.0	101.0
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2996.5	99.9

POC-AM 6.1.1 Blood-03032015-DND

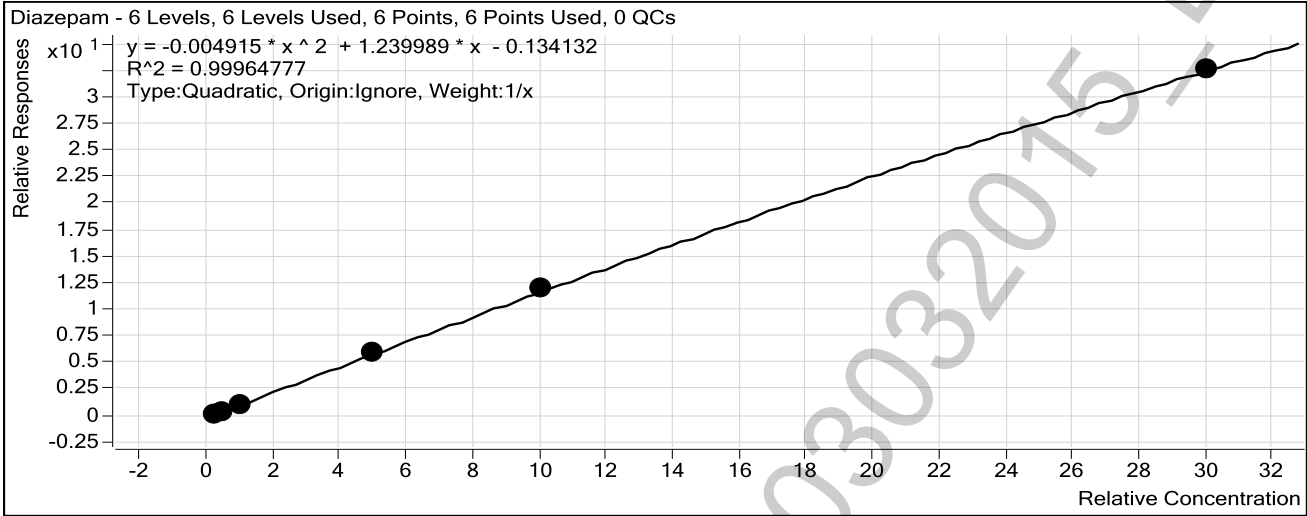
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin

**Last Calib Update** 3/4/2015 11:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	27.9	111.7
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.5	95.0
100 ng/mL	6	<input checked="" type="checkbox"/>	100	92.4	92.4
500 ng/mL	7	<input checked="" type="checkbox"/>	500	497.6	99.5
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1014.2	101.4
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2995.2	99.8

POC-AM 6.1.1 Blood/03032015 DND





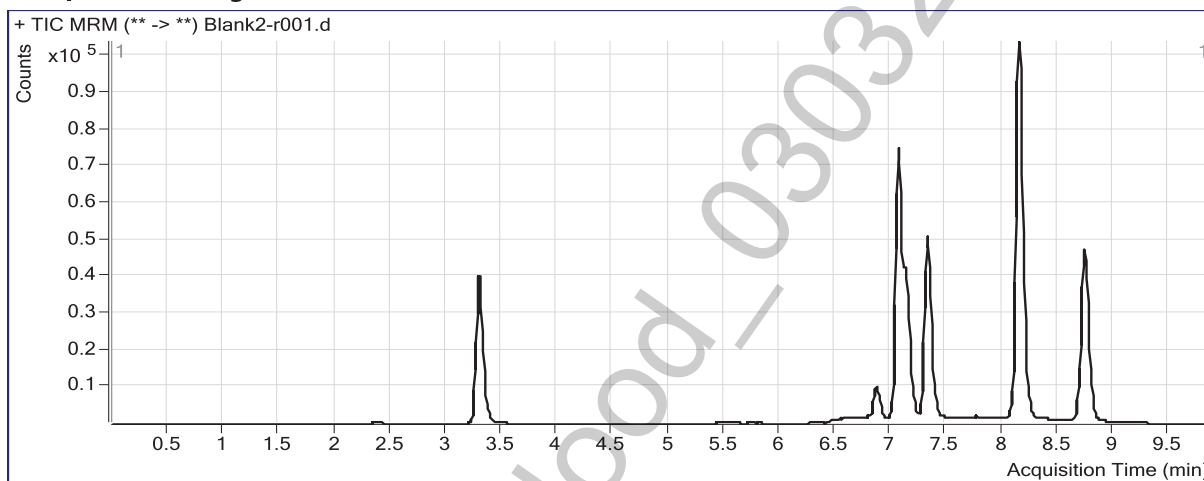
**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

<b>Batch Data Path</b>	C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin		
<b>Analysis Time</b>	3/4/2015 11:58 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	3/4/2015 12:02 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	3/4/2015 11:58 AM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2015-03-03 09:33	<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**

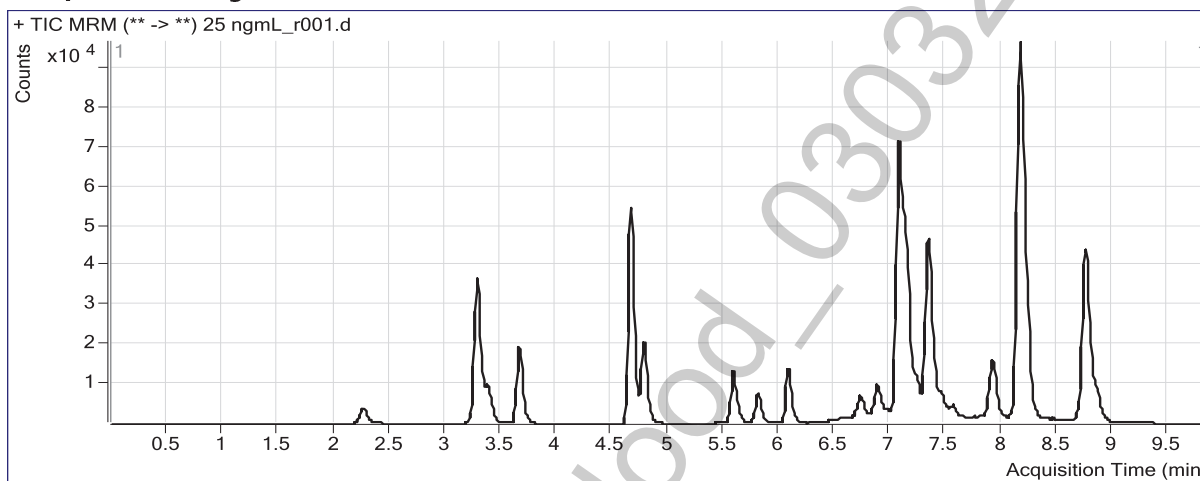


**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin  
**Analysis Time** 3/4/2015 11:58 AM **Analyst Name** ISPUser  
**Report Time** 3/4/2015 12:02 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/4/2015 11:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-03-03 10:32 **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-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	2.259	12435	137207	0.0906	25.8341
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.387	25014	137207	0.1823	25.8765
zopiclone	Oxazepam D5 ISTD	3.657	48398	216380	0.2237	25.3599
zolpidem	Oxazepam D5 ISTD	4.658	162237	216380	0.7498	26.9707
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.788	57093	60668	0.9411	28.4143
quetiapine	Temazepam-D5 ISTD	5.585	35377	378421	0.0935	27.4200
Midazolam	Clonazepam-D4 ISTD	5.807	24136	136658	0.1766	20.1634
Flurazepam	Diazepam-D5 ISTD	6.070	44065	104779	0.4205	26.8399
Nitrazepam	Clonazepam-D4 ISTD	6.729	16318	136658	0.1194	25.8032
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.919	2776	22464	0.1236	26.9564
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.959	4109	60668	0.0677	27.5397
Oxazepam	Oxazepam D5 ISTD	7.124	44937	216380	0.2077	25.3790
Nordiazepam	Nordiazepam-D5 ISTD	7.235	24090	60668	0.3971	24.6878
Clonazepam	Clonazepam-D4 ISTD	7.375	17570	136658	0.1286	27.3630
Lorazepam	Oxazepam D5 ISTD	7.458	4372	216380	0.0202	24.1012
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.561	10568	22464	0.4704	26.0931
Flunitrazepam	Clonazepam-D4 ISTD	7.914	45690	136658	0.3343	26.2580
Temazepam	Temazepam-D5 ISTD	8.219	68441	378421	0.1809	28.1535
Diazepam	Diazepam-D5 ISTD	8.848	22203	104779	0.2119	27.9372

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

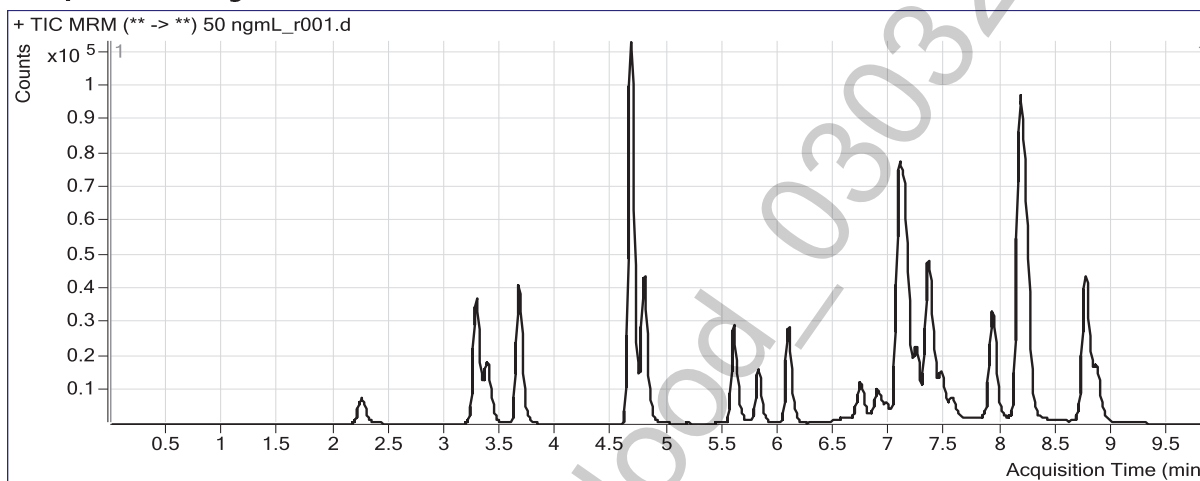


**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin  
**Analysis Time** 3/4/2015 11:58 AM **Analyst Name** ISPUser  
**Report Time** 3/4/2015 12:02 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/4/2015 11:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-03-03 10:46 **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-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	2.251	25457	142705	0.1784	47.1027
7-Aminoflunitrazepam	ISTD	3.378	53589	142705	0.3755	48.9212
zopiclone	Oxazepam D5 ISTD	3.657	104068	215667	0.4825	49.6568
zolpidem	Oxazepam D5 ISTD	4.658	341410	215667	1.5830	48.7189
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.788	122566	54484	2.2496	49.8032
quetiapine	Temazepam-D5 ISTD	5.585	74462	381717	0.1951	48.1297
Midazolam	Clonazepam-D4 ISTD	5.807	45572	133426	0.3416	51.7557
Flurazepam	Diazepam-D5 ISTD	6.078	92387	104403	0.8849	48.5673
Nitrazepam	Clonazepam-D4 ISTD	6.729	31873	133426	0.2389	47.7515
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.919	5171	24964	0.2072	40.9575
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.959	8614	54484	0.1581	48.9363
Oxazepam	Oxazepam D5 ISTD	7.116	100842	215667	0.4676	50.9320
Nordiazepam	Nordiazepam-D5 ISTD	7.235	52543	54484	0.9644	51.6977
Clonazepam	Clonazepam-D4 ISTD	7.383	37912	133426	0.2841	50.1126
Lorazepam	Oxazepam D5 ISTD	7.449	11219	215667	0.0520	54.5760
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.553	21355	24964	0.8554	43.0582
Flunitrazepam	Clonazepam-D4 ISTD	7.914	98808	133426	0.7405	48.8276
Temazepam	Temazepam-D5 ISTD	8.219	146808	381717	0.3846	47.5696
Diazepam	Diazepam-D5 ISTD	8.848	47397	104403	0.4540	47.5185

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

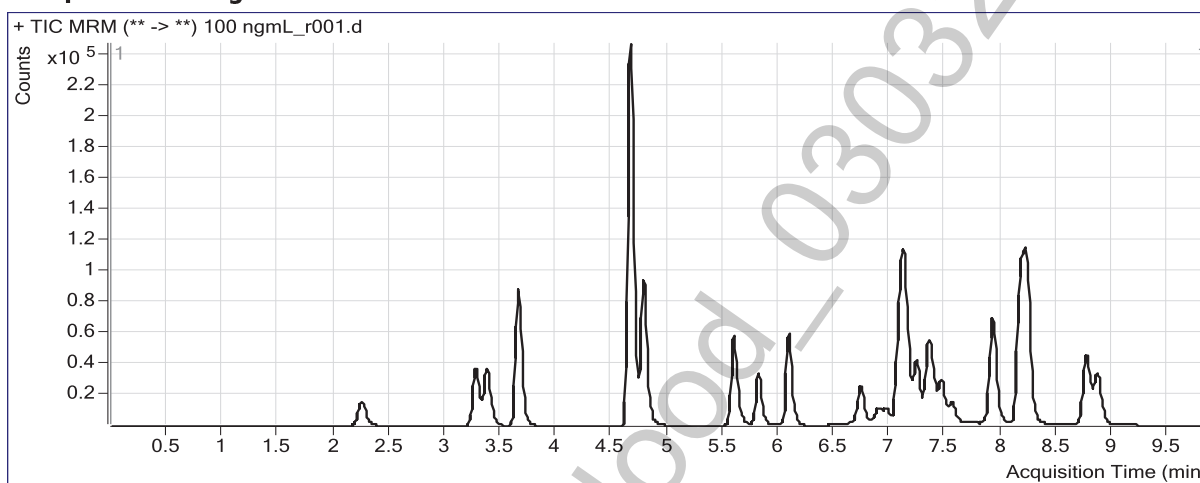


**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin  
**Analysis Time** 3/4/2015 11:58 AM **Analyst Name** ISPUser  
**Report Time** 3/4/2015 12:02 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/4/2015 11:58 AM **Batch State** Processed

#### Analysis Info

**Acq Time** 2015-03-03 11:01 **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-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	2.251	54262	140693	0.3857	97.4752
7-Aminoflunitrazepam	ISTD	3.378	111705	140693	0.7940	99.0278
zopiclone	Oxazepam D5 ISTD	3.648	225670	215975	1.0449	102.4443
zolpidem	Oxazepam D5 ISTD	4.658	735742	215975	3.4066	96.4493
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.779	261464	57325	4.5611	87.6742
quetiapine	Temazepam-D5 ISTD	5.585	156563	381144	0.4108	92.1502
Midazolam	Clonazepam-D4 ISTD	5.807	92873	134605	0.6900	118.7418
Flurazepam	Diazepam-D5 ISTD	6.078	195013	105120	1.8551	94.0948
Nitrazepam	Clonazepam-D4 ISTD	6.729	71301	134605	0.5297	101.2555
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.919	12441	20726	0.6003	106.8052
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.959	20017	57325	0.3492	94.2731
Oxazepam	Oxazepam D5 ISTD	7.116	207496	215975	0.9607	99.4857
Nordiazepam	Nordiazepam-D5 ISTD	7.235	114614	57325	1.9994	101.1419
Clonazepam	Clonazepam-D4 ISTD	7.375	72967	134605	0.5421	87.9427
Lorazepam	Oxazepam D5 ISTD	7.449	21068	215975	0.0975	98.3011
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.553	49799	20726	2.4027	110.9357
Flunitrazepam	Clonazepam-D4 ISTD	7.914	212981	134605	1.5823	95.6901
Temazepam	Temazepam-D5 ISTD	8.219	320210	381144	0.8401	91.0178
Diazepam	Diazepam-D5 ISTD	8.856	105955	105120	1.0079	92.4423

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

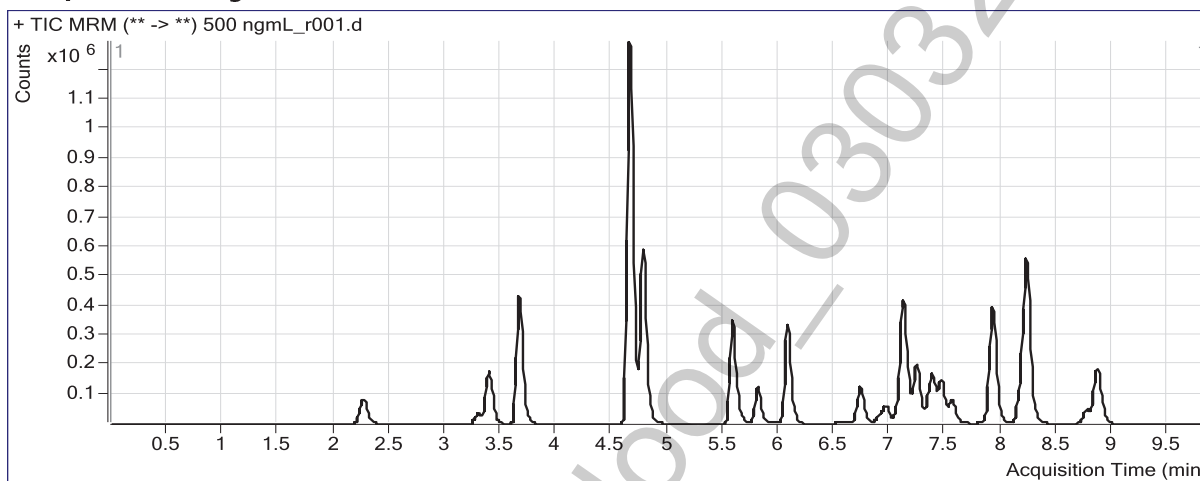


**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin  
**Analysis Time** 3/4/2015 11:58 AM **Analyst Name** ISPUser  
**Report Time** 3/4/2015 12:02 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/4/2015 11:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-03-03 11:16 **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-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	2.267	292271	143559	2.0359	505.5333
7-Aminoflunitrazepam	ISTD	3.395	575033	143559	4.0055	493.1609
zopiclone	Oxazepam D5 ISTD	3.657	1123951	228950	4.9091	465.4301
zolpidem	Oxazepam D5 ISTD	4.650	4016875	228950	17.5447	473.0443
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.779	1675521	60506	27.6919	472.9907
quetiapine	Temazepam-D5 ISTD	5.577	950042	387792	2.4499	511.5302
Midazolam	Clonazepam-D4 ISTD	5.807	354779	136923	2.5911	490.4715
Flurazepam	Diazepam-D5 ISTD	6.070	1107839	105415	10.5093	508.2805
Nitrazepam	Clonazepam-D4 ISTD	6.729	366791	136923	2.6788	500.0228
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	6.919	66418	26840	2.4746	420.7502
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.959	114195	60506	1.8873	464.3648
Oxazepam	Oxazepam D5 ISTD	7.116	1066207	228950	4.6569	466.3018
Nordiazepam	Nordiazepam-D5 ISTD	7.235	571257	60506	9.4414	463.2027
Clonazepam	Clonazepam-D4 ISTD	7.375	462507	136923	3.3778	513.4940
Lorazepam	Oxazepam D5 ISTD	7.449	106276	228950	0.4642	455.5349
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.553	289744	26840	10.7952	470.8940
Flunitrazepam	Clonazepam-D4 ISTD	7.914	1229064	136923	8.9763	513.0358
Temazepam	Temazepam-D5 ISTD	8.219	1985512	387792	5.1200	501.7287
Diazepam	Diazepam-D5 ISTD	8.856	623462	105415	5.9143	497.5977

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

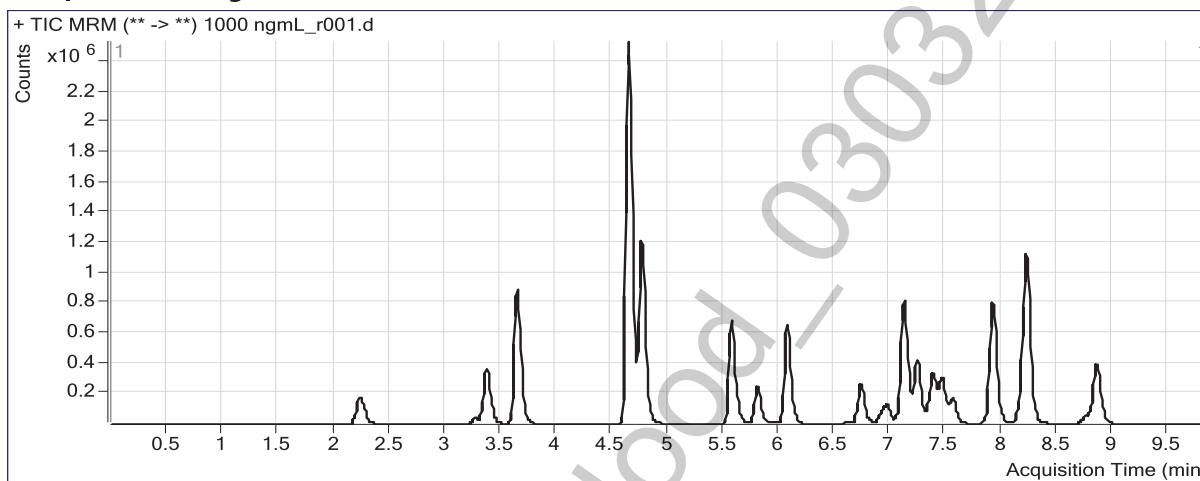


**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin  
**Analysis Time** 3/4/2015 11:58 AM **Analyst Name** ISPUser  
**Report Time** 3/4/2015 12:02 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/4/2015 11:58 AM **Batch State** Processed

#### Analysis Info

**Acq Time** 2015-03-03 11:30 **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-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	2.242	631875	150123	4.2090	1063.5681
7-Aminoflunitrazepam	ISTD	3.378	1202417	150123	8.0095	1010.9595
zopiclone	Oxazepam D5 ISTD	3.640	2342957	212739	11.0133	1039.7050
zolpidem	Oxazepam D5 ISTD	4.642	8080476	212739	37.9831	1039.7213
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.763	3469509	56901	60.9747	1049.3720
quetiapine	Temazepam-D5 ISTD	5.569	1885933	395313	4.7707	996.2069
Midazolam	Clonazepam-D4 ISTD	5.798	739047	146321	5.0509	988.2288
Flurazepam	Diazepam-D5 ISTD	6.062	2227509	109536	20.3358	997.7679
Nitrazepam	Clonazepam-D4 ISTD	6.729	779730	146321	5.3289	1000.2862
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.919	162365	25132	6.4606	1088.4010
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.968	242015	56901	4.2533	1052.7636
Oxazepam	Oxazepam D5 ISTD	7.124	2201975	212739	10.3506	1041.7789
Nordiazepam	Nordiazepam-D5 ISTD	7.244	1188221	56901	20.8823	1044.3495
Clonazepam	Clonazepam-D4 ISTD	7.383	944563	146321	6.4554	997.3591
Lorazepam	Oxazepam D5 ISTD alphahydroxyalprazolam-D5	7.458	225064	212739	1.0579	1054.7385
Alprazolam	ISTD	7.561	627948	25132	24.9863	1051.1463
Flunitrazepam	Clonazepam-D4 ISTD	7.914	2516106	146321	17.1958	989.6555
Temazepam	Temazepam-D5 ISTD	8.219	4092012	395313	10.3513	1010.0207
Diazepam	Diazepam-D5 ISTD	8.856	1307432	109536	11.9361	1014.1772

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

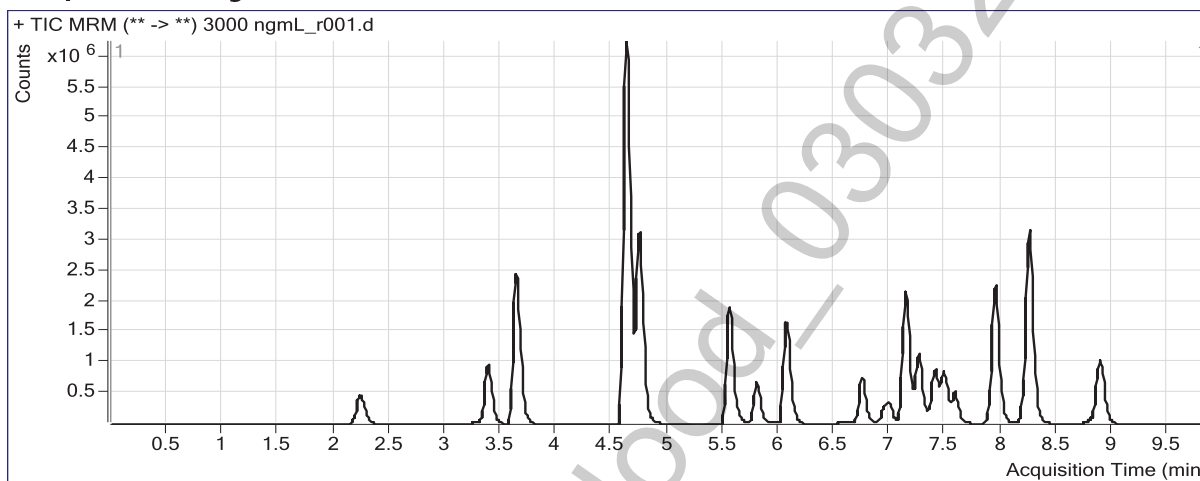


**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin  
**Analysis Time** 3/4/2015 11:58 AM **Analyst Name** ISPUser  
**Report Time** 3/4/2015 12:02 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/4/2015 11:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-03-03 13:53 **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-B1 **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	2.242	1672614	155512	10.7555	2923.6348
7-Aminoflunitrazepam	ISTD	3.387	3281193	155512	21.0993	2996.8396
zopiclone	Oxazepam D5 ISTD	3.632	7042351	222278	31.6826	2992.4083
zolpidem	Oxazepam D5 ISTD	4.625	22370559	222278	100.6423	2989.8127
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.746	9768553	60579	161.2543	2986.4128
quetiapine	Temazepam-D5 ISTD	5.543	5613992	402225	13.9574	2999.5611
Midazolam	Clonazepam-D4 ISTD	5.798	2102237	150002	14.0147	3005.8883
Flurazepam	Diazepam-D5 ISTD	6.053	6289112	112308	55.9990	2999.4153
Nitrazepam	Clonazepam-D4 ISTD	6.746	2311549	150002	15.4101	2999.8800
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.935	489325	24779	19.7473	3313.9268
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.984	687105	60579	11.3424	2986.9464
Oxazepam	Oxazepam D5 ISTD	7.141	6375614	222278	28.6831	2991.1132
Nordiazepam	Nordiazepam-D5 ISTD	7.260	3311124	60579	54.6583	2989.6389
Clonazepam	Clonazepam-D4 ISTD	7.400	2628807	150002	17.5252	2998.6356
Lorazepam	Oxazepam D5 ISTD	7.483	620570	222278	2.7919	2987.6012
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.578	1930954	24779	77.9261	2976.2782
Flunitrazepam	Clonazepam-D4 ISTD	7.939	7387901	150002	49.2520	3001.5659
Temazepam	Temazepam-D5 ISTD	8.244	12107389	402225	30.1011	2996.4976
Diazepam	Diazepam-D5 ISTD	8.882	3660846	112308	32.5966	2995.1506

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

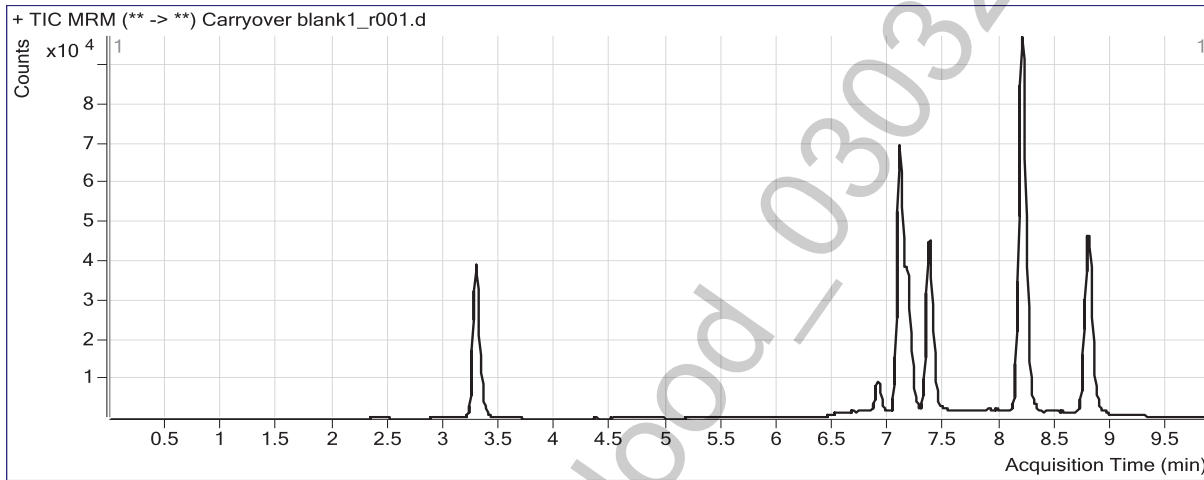


**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin  
**Analysis Time** 3/4/2015 11:58 AM **Analyst Name** ISPUser  
**Report Time** 3/4/2015 12:02 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/4/2015 11:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-03-03 14:08 **Data File** Carryover blank1\_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**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
zolpidem	Oxazepam D5 ISTD	4.700	1895	219096	0.0086	7.6596 *
Temazepam	Temazepam-D5 ISTD	8.262	1389	390317	0.0036	11.2649

\*None detected.



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

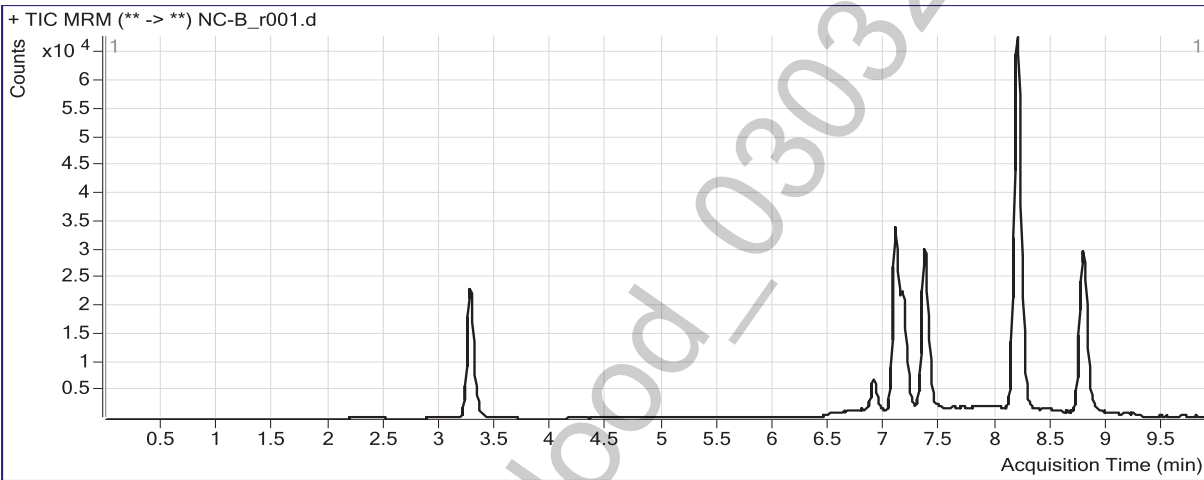


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<b>Report Time</b>	3/4/2015 12:02 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	3/4/2015 11:58 AM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2015-03-03 14:22	<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-B2	<b>Sample Info</b>	UTAK Negative Whole Blood LOT B0130
<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**

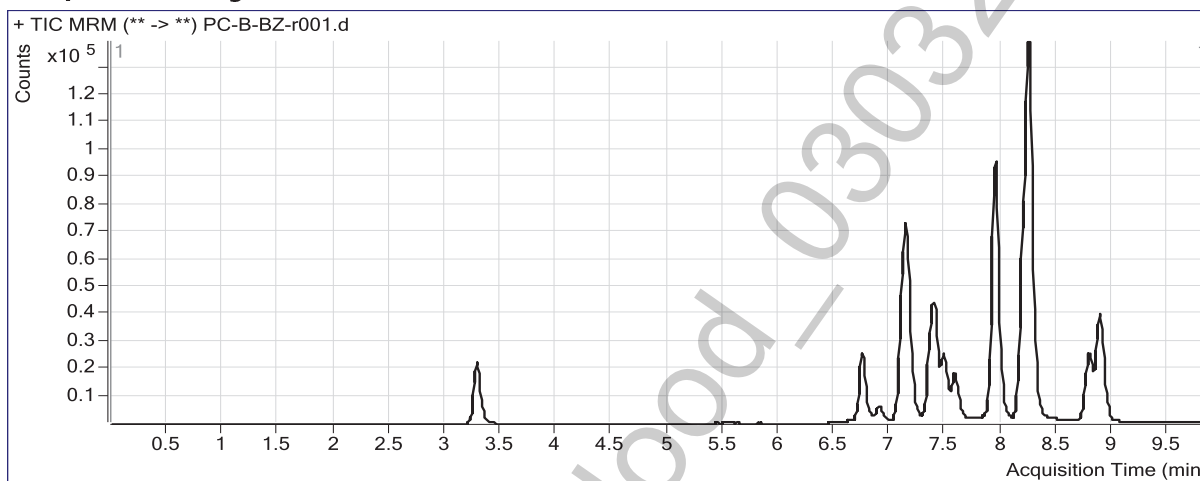


**Batch Data Path** C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin  
**Analysis Time** 3/4/2015 11:58 AM **Analyst Name** ISPUser  
**Report Time** 3/4/2015 12:02 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/4/2015 11:58 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2015-03-03 14:37 **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-B3 **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	6.746	73059	78222	0.9340	175.8115
Oxazepam	Oxazepam D5 ISTD	7.132	153607	93524	1.6424	166.7510
Clonazepam	Clonazepam-D4 ISTD	7.391	97953	78222	1.2522	192.8294
Lorazepam	Oxazepam D5 ISTD	7.483	14329	93524	0.1532	151.9549
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.578	62923	14647	4.2959	193.3255
Flunitrazepam	Clonazepam-D4 ISTD	7.939	289666	78222	3.7031	214.3442
Temazepam	Temazepam-D5 ISTD	8.244	454945	235139	1.9348	195.6332
Diazepam	Diazepam-D5 ISTD	8.882	130405	57425	2.2709	195.4679



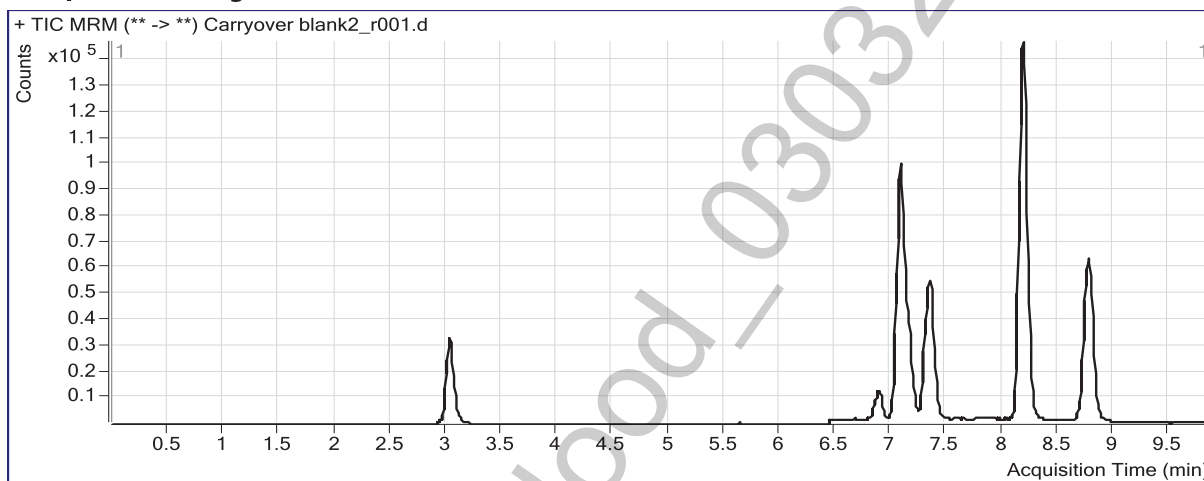
**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

<b>Batch Data Path</b>	C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin		
<b>Analysis Time</b>	3/4/2015 11:58 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	3/4/2015 12:02 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	3/4/2015 11:58 AM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2015-03-03 15:31	<b>Data File</b>	Carryover 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**



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

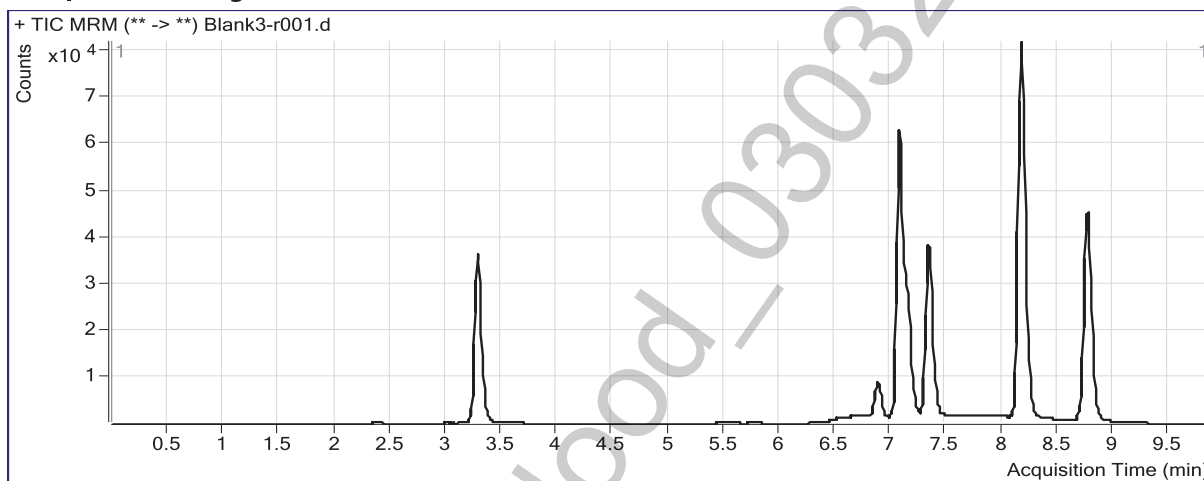
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<b>Analysis Time</b>	3/4/2015 11:58 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	3/4/2015 12:02 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	3/4/2015 11:58 AM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2015-03-04 11:27	<b>Data File</b>	Blank3-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**



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**Pocatello**  
**Benzodiazepine Analysis Report**



<b>Batch Data Path</b>	C:\MassHunter\Data\BZ-B-030315\QuantResults\BZ-B-030315.batch.bin		
<b>Analysis Time</b>	3/4/2015 11:58 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	3/4/2015 12:02 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	3/4/2015 11:58 AM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2015-03-04 11:42	<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**

