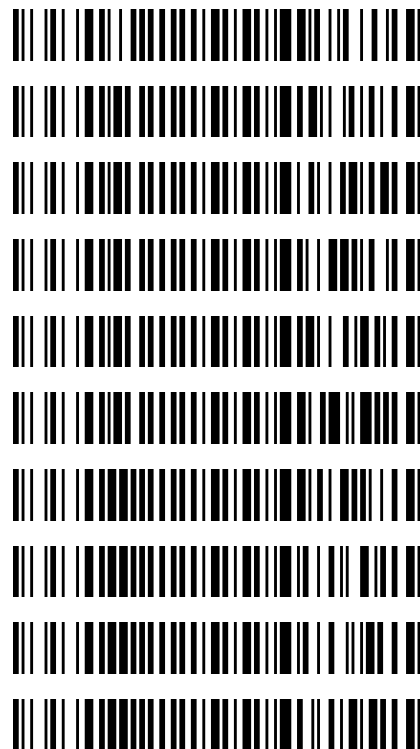


**Worklist: 851**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
C2015-1574	3	42223	6.1.1 Blood LCMS-QQQ Benzoc
M2015-2875	1	42227	6.1.1 Blood LCMS-QQQ Benzoc
M2015-2978	1	42233	6.1.1 Blood LCMS-QQQ Benzoc
M2015-3006	1	42231	6.1.1 Blood LCMS-QQQ Benzoc
M2015-3153	1	42280	6.1.1 Blood LCMS-QQQ Benzoc
M2015-3206	1	42235	6.1.1 Blood LCMS-QQQ Benzoc
P2015-1835	1	42236	6.1.1 Blood LCMS-QQQ Benzoc
P2015-1870	1	42237	6.1.1 Blood LCMS-QQQ Benzoc
P2015-1871	1	42239	6.1.1 Blood LCMS-QQQ Benzoc
P2015-1898	1	42240	6.1.1 Blood LCMS-QQQ Benzoc



reviewed 10-2-15 by B. Wylie

Worklist Report



Worklist Path: C:\MassHunter\ISP Methods\worklists\DD-BZZZQ-B-LOWCAL.wkl
 Date Modified: 09/25/2015 04:43:48 PM
 Date Printed: 09/25/2015 04:43:55 PM

Worklist Run Parameters Verified that ALS vials were in the correct rack positions on 09/25/15.

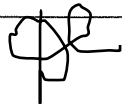
Operator Name: 62340
 Run Type: Standard Start
 Part of Method to Run: Acquisition Only
 Execution for Acquisition-DA: Synchronous
 Acquisition Method Path: C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m
 A Method Path: D:\MassHunter\methods
 Data File Path: C:\MassHunter\Data\BZ\BZ-B-092515
 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

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
01-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	
01-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	
01-A2	5 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	5 ng/mL-r001.d	Calibration	1	AM 6.1.1 Benzo and Z by LCQQQ	
01-A3	10 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	10 ng/mL-r001.d	Calibration	2	AM 6.1.1 Benzo and Z by LCQQQ	
01-A4	25 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	25 ng/mL-r001.d	Calibration	3	AM 6.1.1 Benzo and Z by LCQQQ	
01-A5	50 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	50 ng/mL-r001.d	Calibration	4	AM 6.1.1 Benzo and Z by LCQQQ	
01-A6	100	C:\MassHunter\ISP	100	Calibration	5	AM 6.1.1	

Position	Name	Method	Data File	Type	Name	Comment	Intro.
						and Z by LCQQQ	
'1-A7	500 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	500 ng/mL_r001.d	Calibration	6	AM 6.1.1 Benzo and Z by LCQQQ	
'1-A8	1000 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	1000 ng/mL_r001.d	Calibration	7	AM 6.1.1 Benzo and Z by LCQQQ	
'1-A9	3000 ng/mL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	3000 ng/mL_r001.d	Calibration	8	AM 6.1.1 Benzo and Z by LCQQQ	
'1-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	
'1-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	UTAK Negative Whole Blood LOT B0689
'1-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 ng/mL Benzodiazepine Mix Cerilliant Inc. FE012413-02 neg LOT B013
'1-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	
'1-B1	Blank - C2015-1574-3	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank- C2015-1574-3_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
'1-B3	C2015-1574-3	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	C2015-1574-3-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
'1-B1	Blank - M2015-2875-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-2875-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
'1-B4	M2015-2875-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-2875-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
'1-B1	Blank - M2015-2978-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-2978-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
'1-B5	M2015-2978-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-2978-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
'1-B1	Blank - M2015-3006-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-3006-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
'1-B6	M2015-3006-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-3006-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood

Position	Name	Method	Data File	Type	Name	Comment	Info.
1-B1	Blank - M2015-3153-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-3153-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
1-B7	M2015-3153-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-3153-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
1-B1	Blank - M2015-3206-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-M2015-3206-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
1-B8	M2015-3206-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	M2015-3206-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
1-B1	Blank - P2015-1835-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-P2015-1835-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
1-B9	P2015-1835-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2015-1835-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
1-B1	Blank - P2015-1870-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-P2015-1870-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
1-C1	P2015-1870-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2015-1870-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
1-B1	Blank - P2015-1871-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-P2015-1871-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
1-C2	P2015-1871-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2015-1871-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
1-B1	Blank - P2015-1898-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	Carryover blank-P2015-1898-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
1-C3	P2015-1898-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m	P2015-1898-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
1-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	
1-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	
1-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	

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

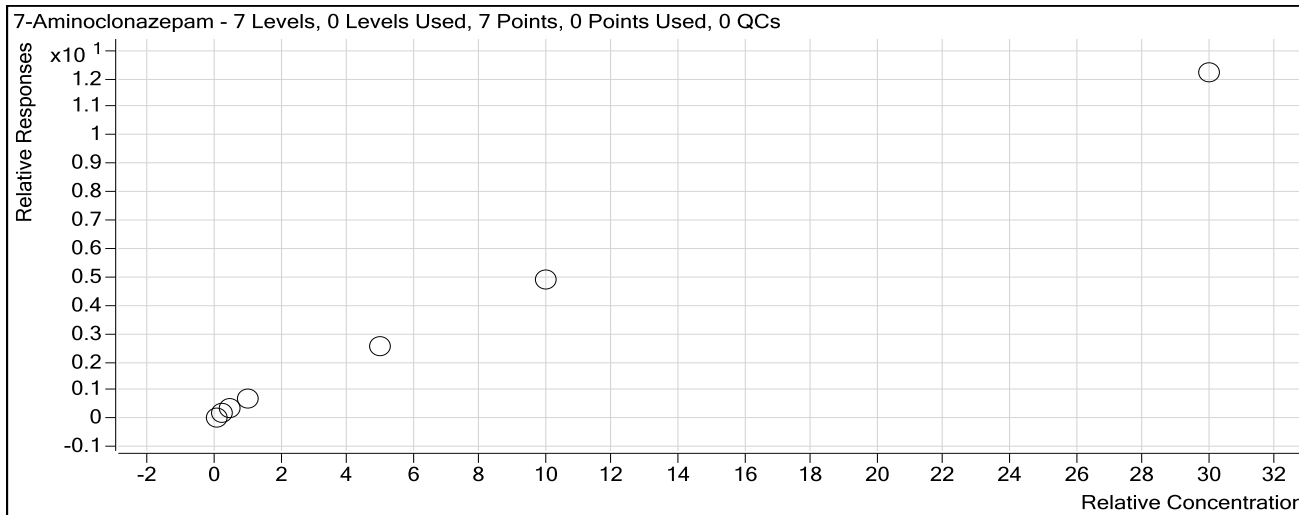
Last Calib Update 10/1/2015 9:05 AM

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 type="checkbox"/>	10	0.0	0.0
25 ng/mL	3	<input type="checkbox"/>	25	0.0	0.0
50 ng/mL	4	<input type="checkbox"/>	50	0.0	0.0
100 ng/mL	5	<input type="checkbox"/>	100	0.0	0.0
500 ng/mL	6	<input type="checkbox"/>	500	0.0	0.0
1000 ng/mL	7	<input type="checkbox"/>	1000	0.0	0.0
3000 ng/mL	8	<input type="checkbox"/>	3000	0.0	0.0

7-Aminoclonazepam not detected in calibrators, controls or samples for this batch.

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

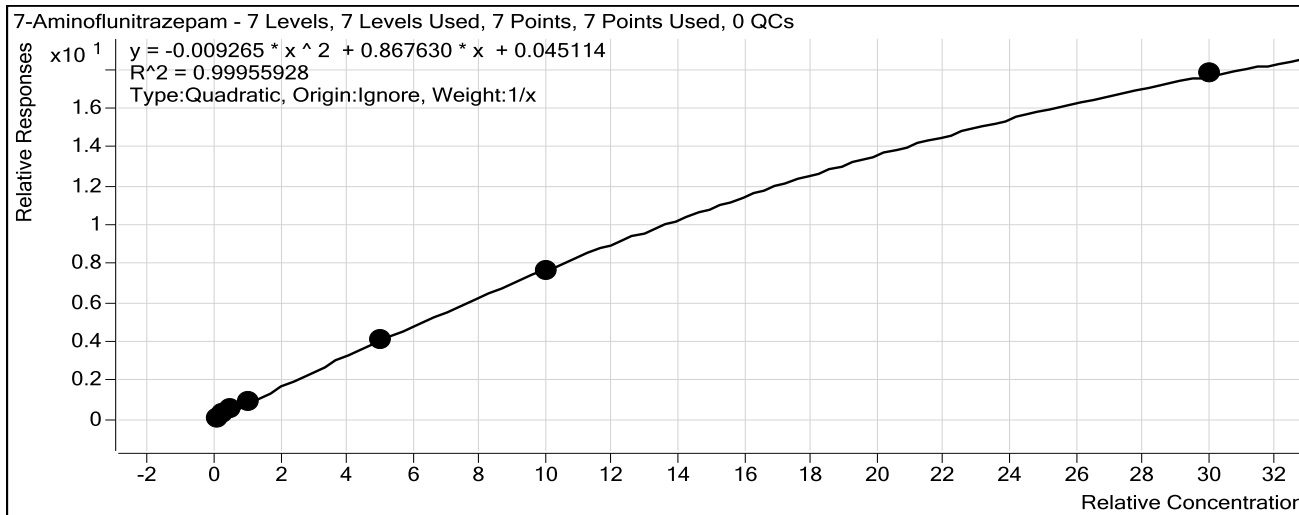
Last Calib Update 10/1/2015 9:05 AM

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	8.5	85.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.5	102.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	53.3	106.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.3	107.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	499.4	99.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	983.2	98.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3011.7	100.4

ISP Forensics Calibration Curve Report



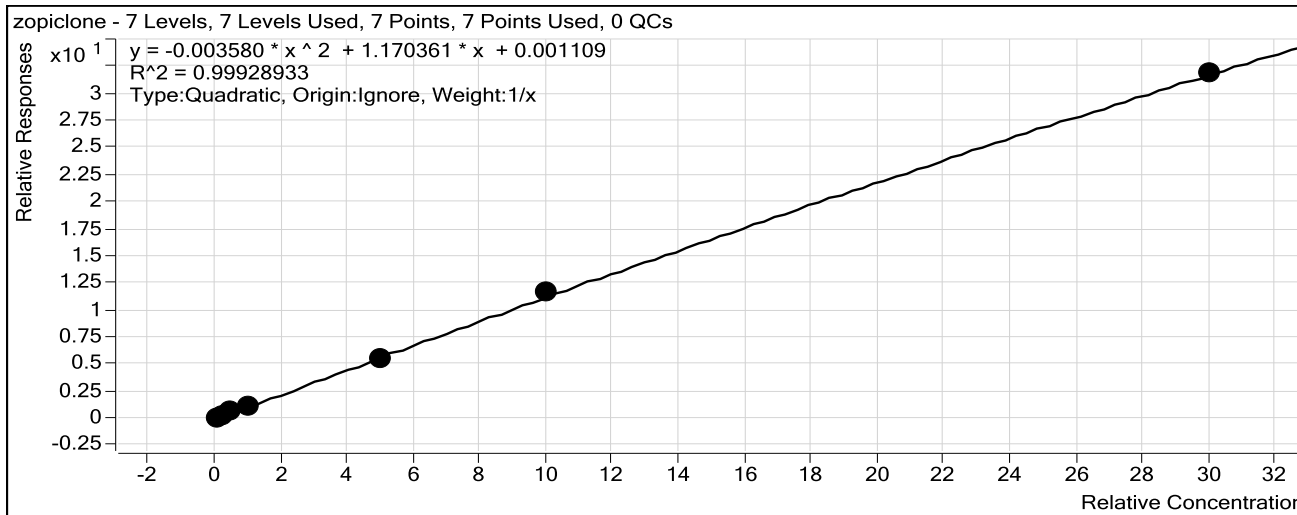
Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

Last Calib Update 10/1/2015 9:05 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	9.3	92.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.6	102.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	53.1	106.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.9	101.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	470.8	94.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1030.3	103.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2994.0	99.8

ISP Forensics Calibration Curve Report



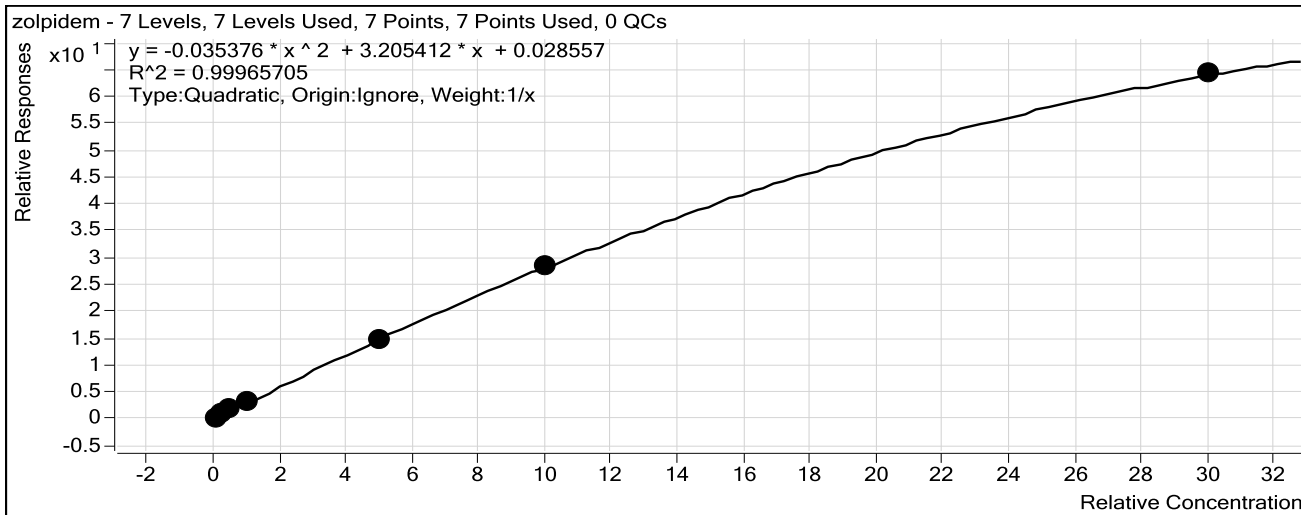
Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

Last Calib Update 10/1/2015 9:05 AM

Analyst Name ISP TOX

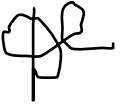
Target Compound zolpidem

Internal Standard Oxazepam D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	8.8	88.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.6	102.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	54.0	108.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.3	103.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	487.0	97.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1006.2	100.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3000.4	100.0

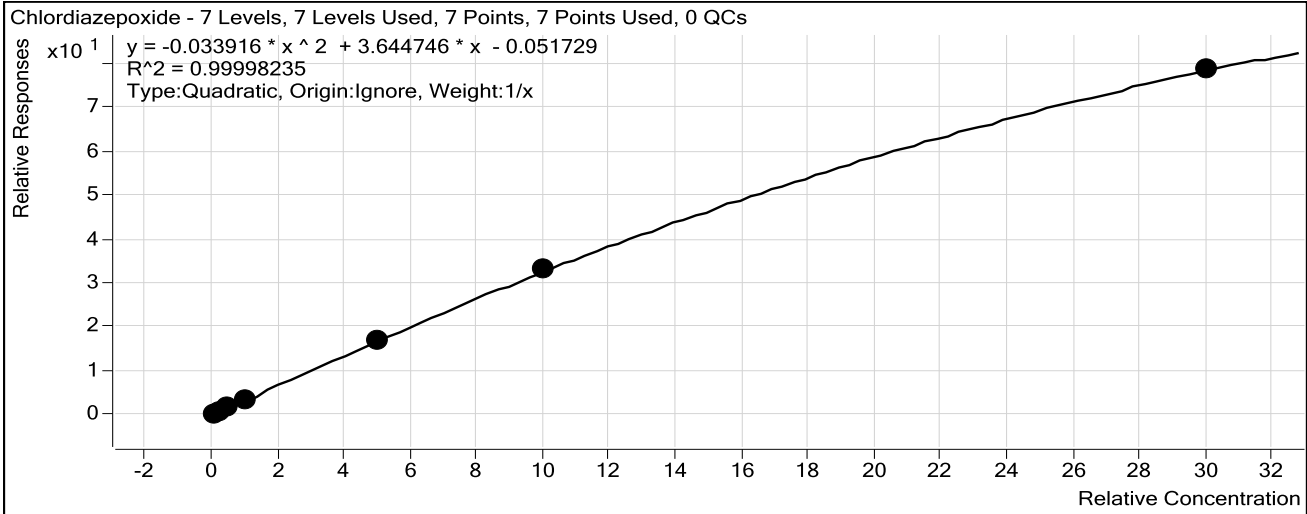
ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

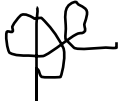
Last Calib Update 10/1/2015 9:05 AM **Analyst Name** ISP TOX

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	10.0	99.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.3	101.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.9	99.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	99.6	99.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	496.3	99.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1005.6	100.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2997.9	99.9

ISP Forensics Calibration Curve Report

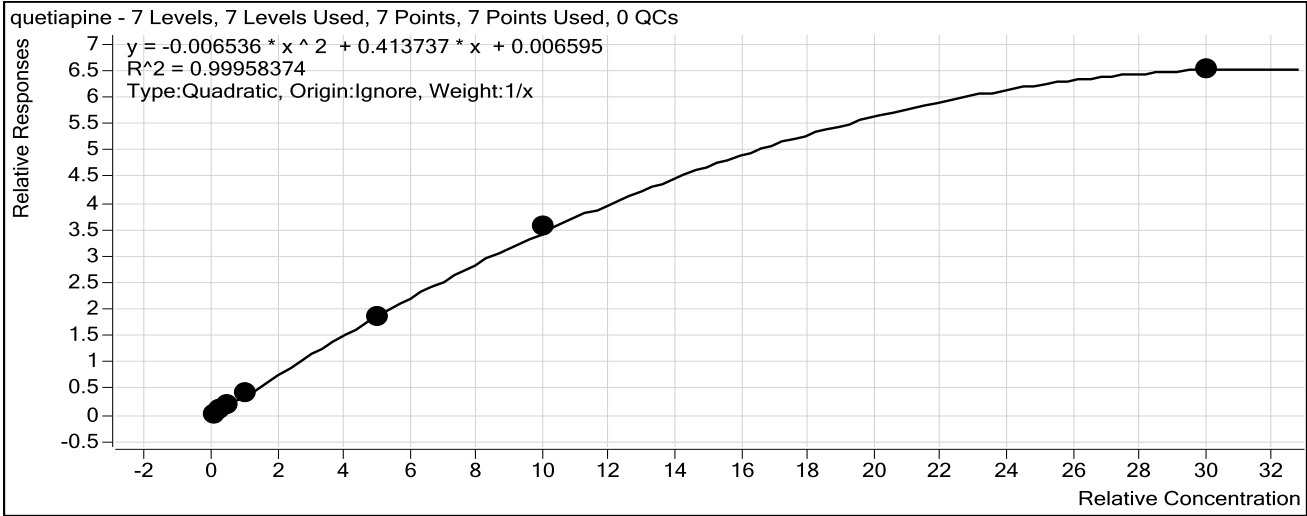


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

Last Calib Update 10/1/2015 9:05 AM

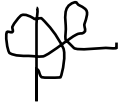
Analyst Name ISP TOX

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	9.7	96.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.6	106.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.3	98.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	99.1	99.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	484.0	96.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1025.4	102.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2943.3	98.1

ISP Forensics Calibration Curve Report



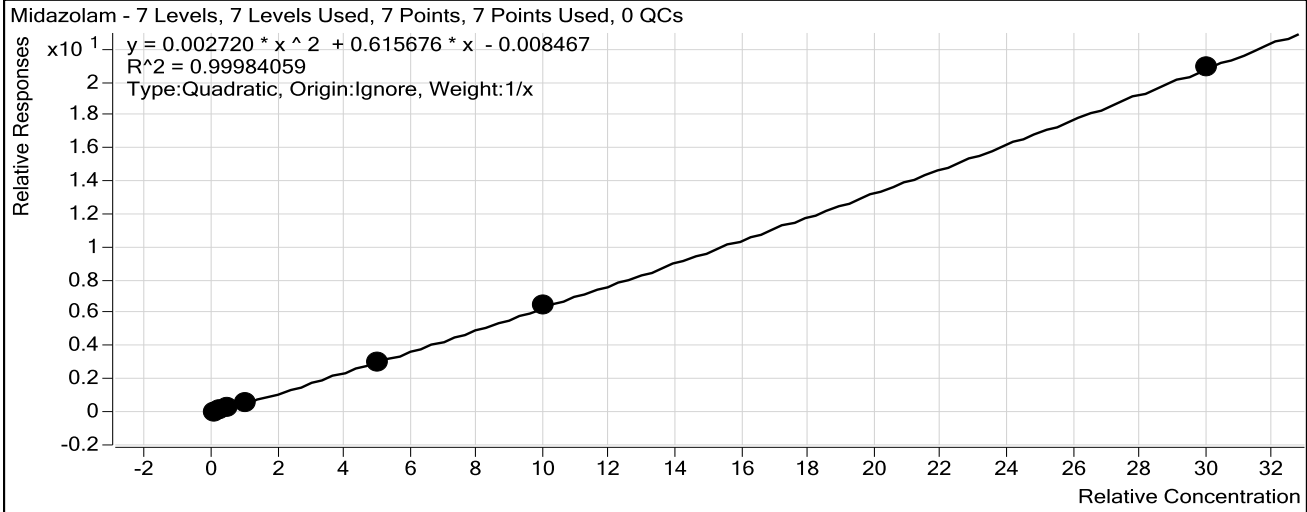
Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

Last Calib Update 10/1/2015 9:05 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	10.3	102.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.0	100.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.4	100.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	97.4	97.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	486.9	97.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1018.3	101.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2996.6	99.9

ISP Forensics Calibration Curve Report

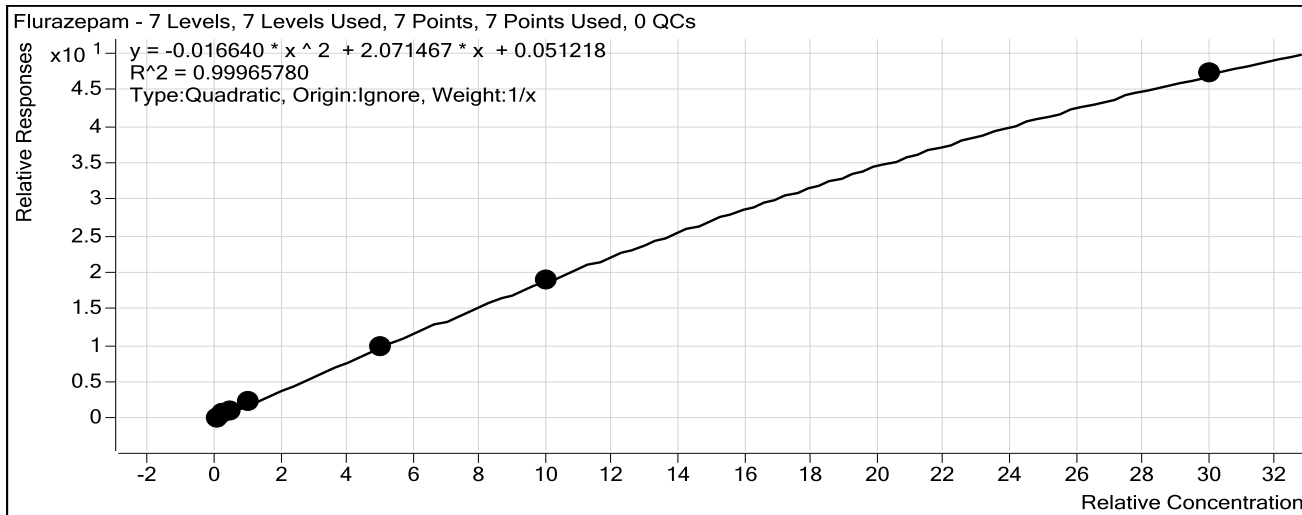


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

Last Calib Update 10/1/2015 9:05 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	8.4	83.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.6	106.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	53.4	106.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	105.1	105.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	489.9	98.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	999.3	99.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3002.9	100.1

ISP Forensics Calibration Curve Report

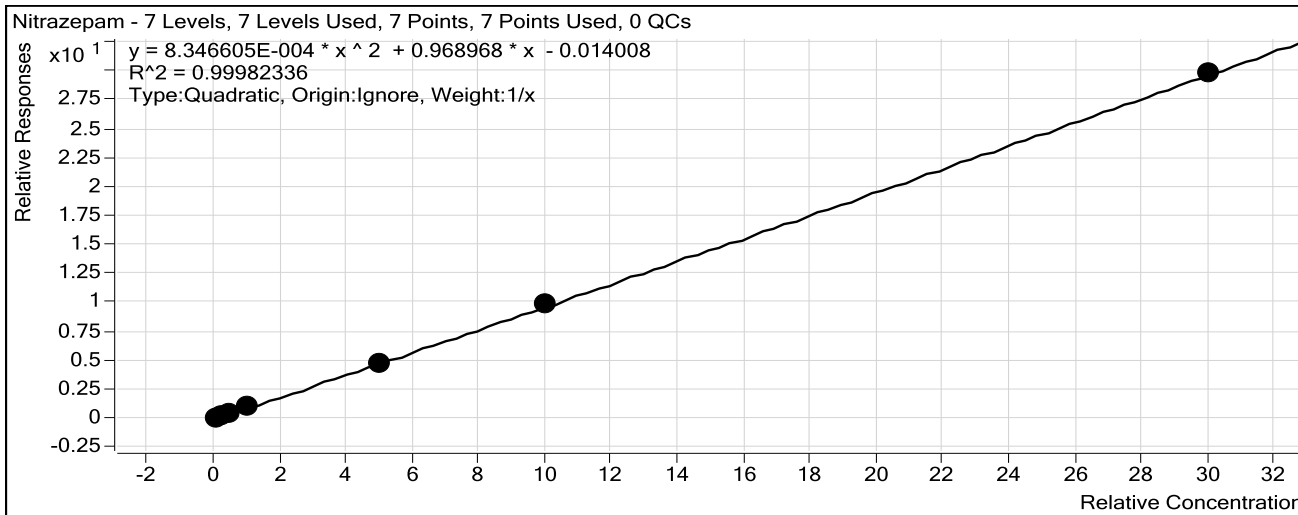


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

Last Calib Update 10/1/2015 9:05 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	10.0	100.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.3	101.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.4	100.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	99.1	99.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	485.3	97.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1018.4	101.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2996.4	99.9

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

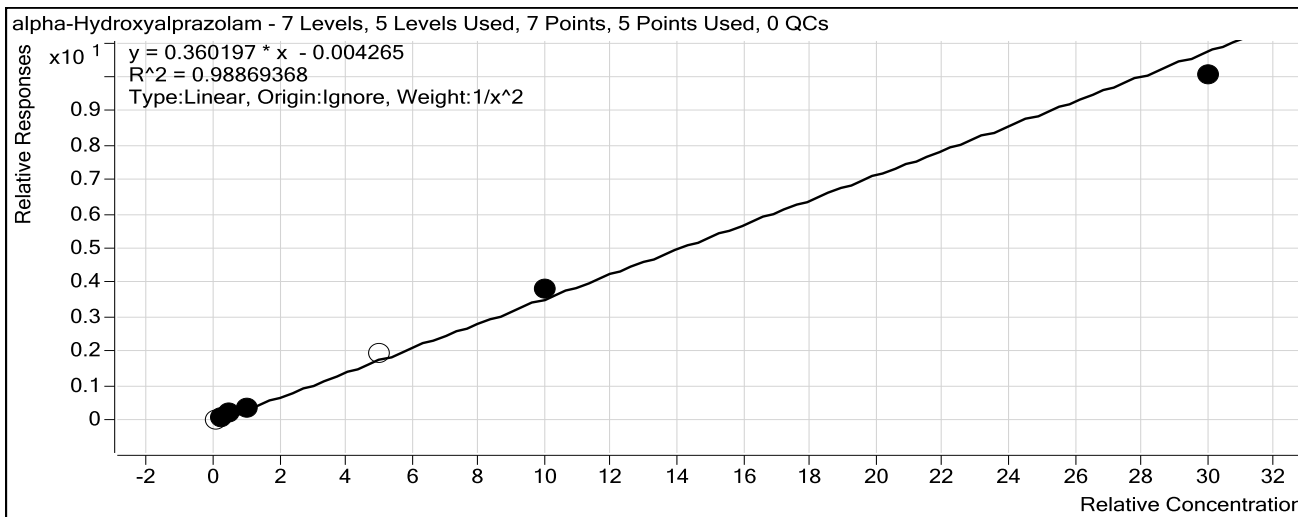
Last Calib Update 10/1/2015 9:05 AM

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 type="checkbox"/>	10	8.6	85.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.8	95.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	56.2	112.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	93.9	93.9
500 ng/mL	6	<input type="checkbox"/>	500	548.2	109.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1054.5	105.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2788.9	93.0

*alpha-Hydroxyalprazolam not to be reported as "inconclusive" for this batch - 10ng/mL calibrator excluded from curve.

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

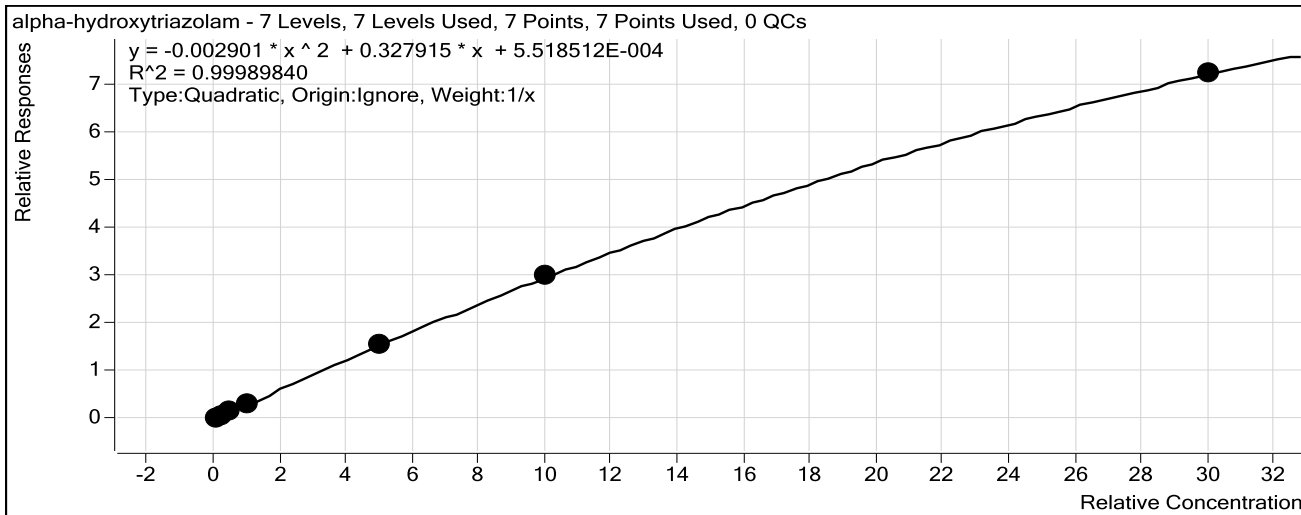
Last Calib Update 10/1/2015 9:05 AM

Analyst Name

ISP TOX

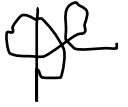
Target Compound *alpha-hydroxytriazolam*

Internal Standard *Nordiazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.5	95.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.7	102.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.4	100.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.4	102.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	490.7	98.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1007.6	100.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2998.4	99.9

ISP Forensics Calibration Curve Report

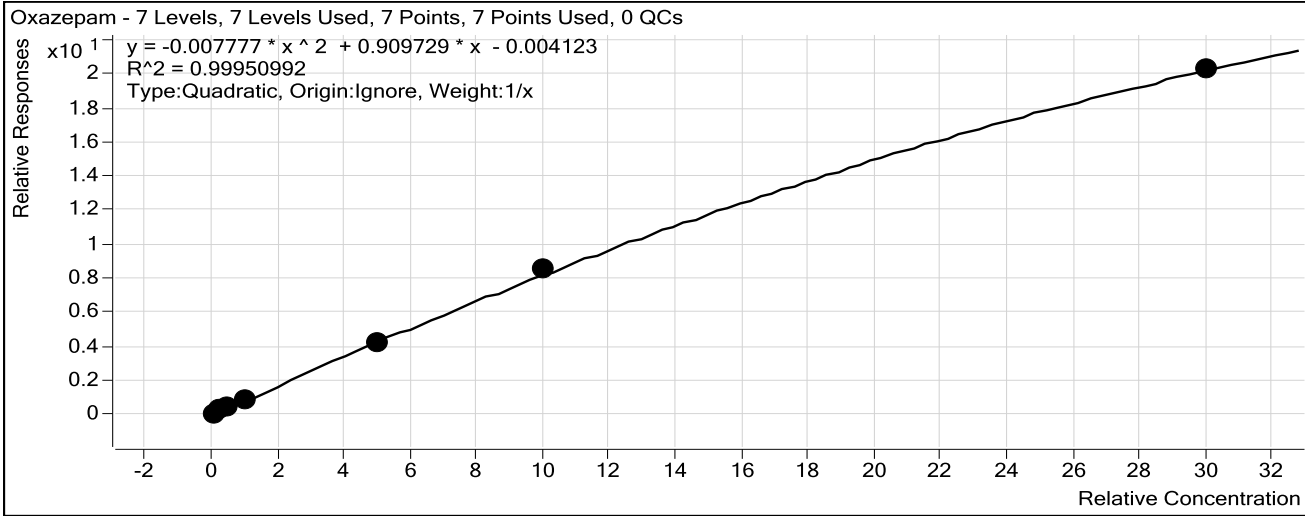


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

Last Calib Update 10/1/2015 9:05 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	9.2	92.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.1	104.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.9	103.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.9	101.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	477.9	95.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1023.5	102.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2993.5	99.8

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

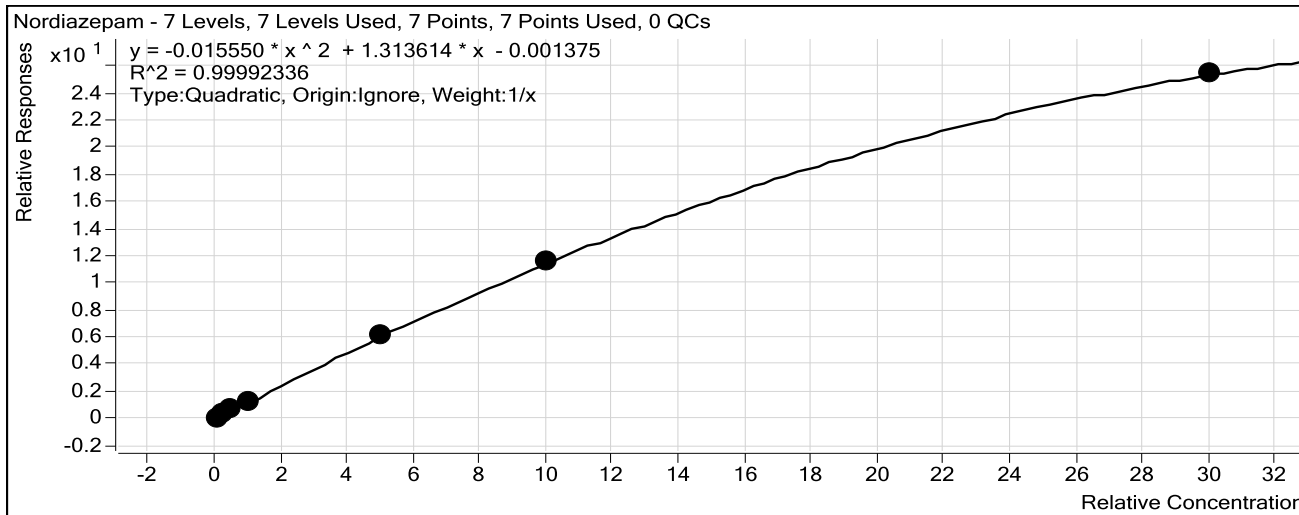
Last Calib Update 10/1/2015 9:05 AM

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	9.3	93.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.5	102.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.4	102.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.6	102.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	495.8	99.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	998.8	99.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3002.8	100.1

ISP Forensics Calibration Curve Report

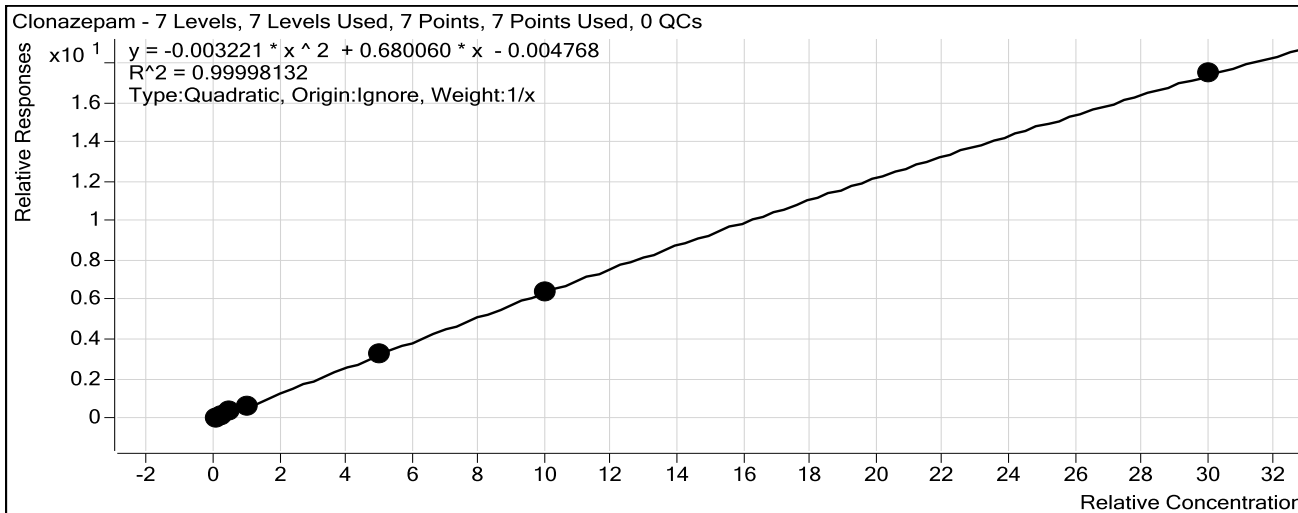


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

Last Calib Update 10/1/2015 9:05 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	9.7	96.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.1	100.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.4	102.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	100.2	100.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	501.1	100.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	996.3	99.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3001.3	100.0

ISP Forensics Calibration Curve Report

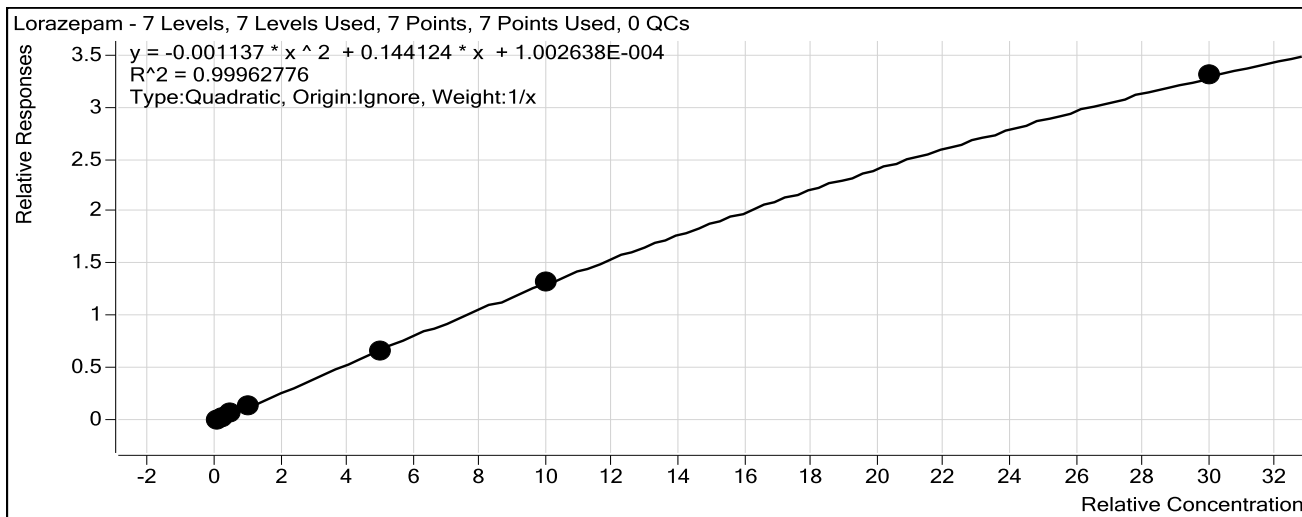


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

Last Calib Update 10/1/2015 9:05 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	8.7	86.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.3	101.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	54.5	109.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	105.4	105.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	487.8	97.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1001.6	100.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3002.2	100.1

ISP Forensics Calibration Curve Report

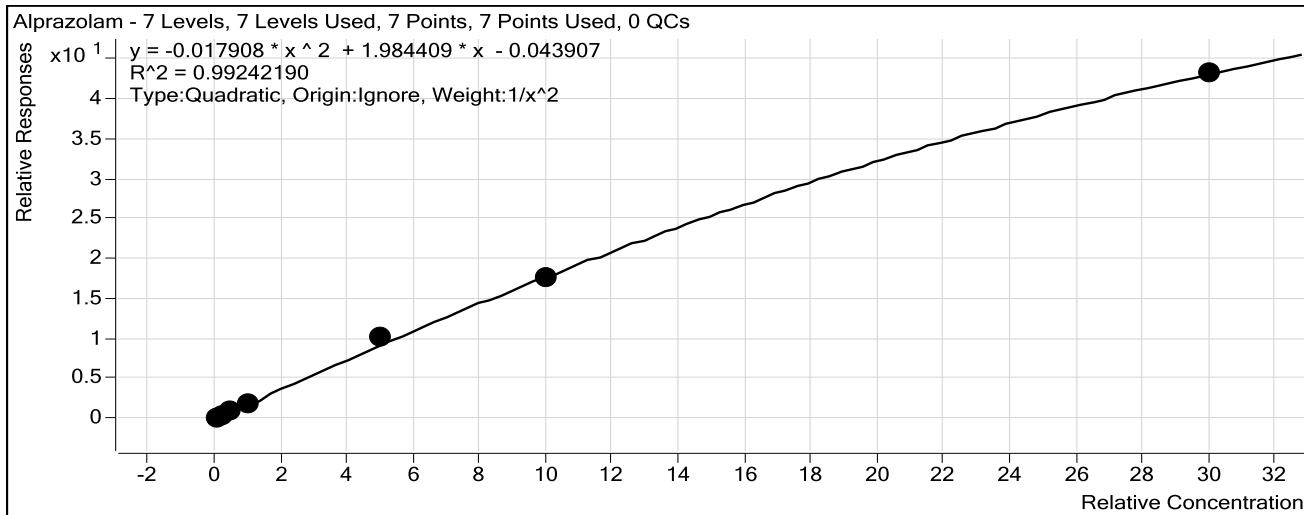


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

Last Calib Update 10/1/2015 9:05 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	10.1	101.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.6	94.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	54.9	109.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	89.6	89.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	540.6	108.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	973.4	97.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2982.0	99.4

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

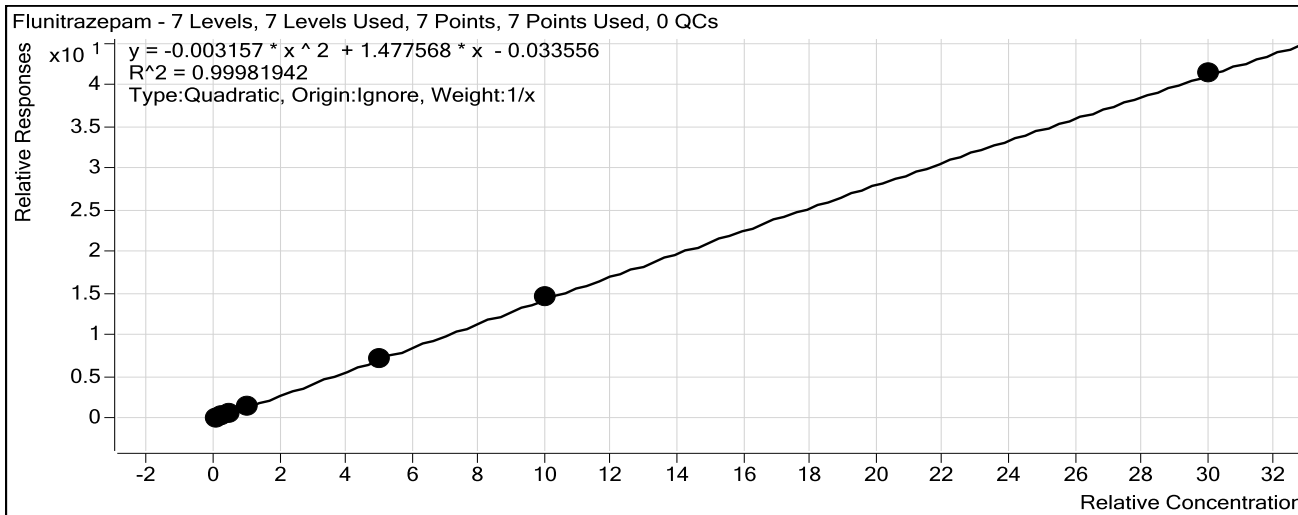
Last Calib Update 10/1/2015 9:05 AM

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	10.4	104.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.8	99.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.4	100.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.1	96.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	489.2	97.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1018.7	101.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2995.3	99.8

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

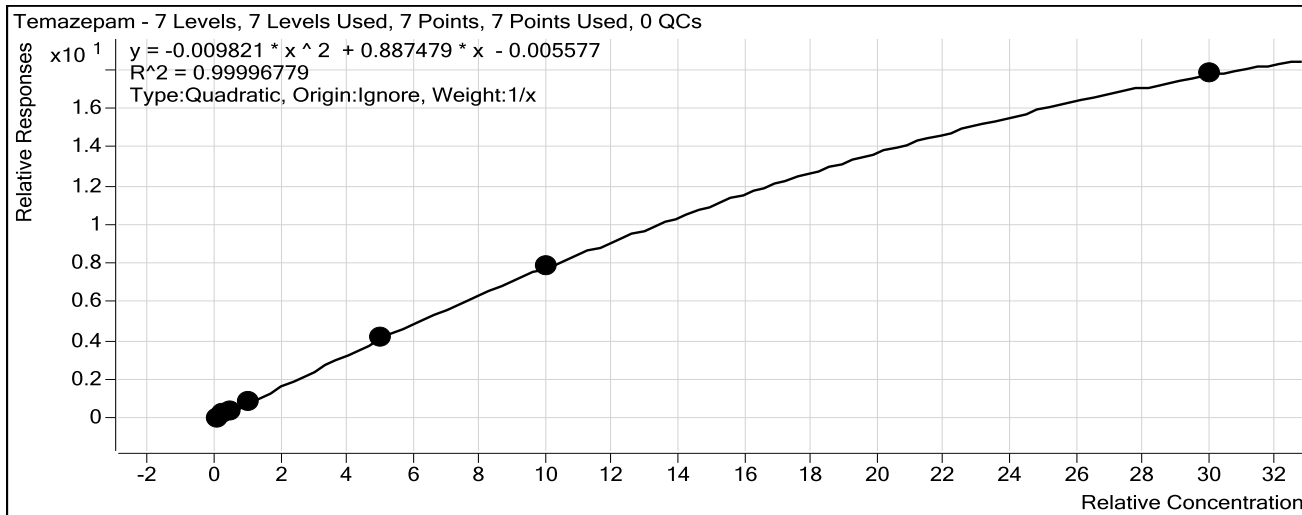
Last Calib Update 10/1/2015 9:05 AM

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	9.5	95.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.6	102.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.9	101.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	100.2	100.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	502.3	100.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	994.3	99.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3003.3	100.1

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin

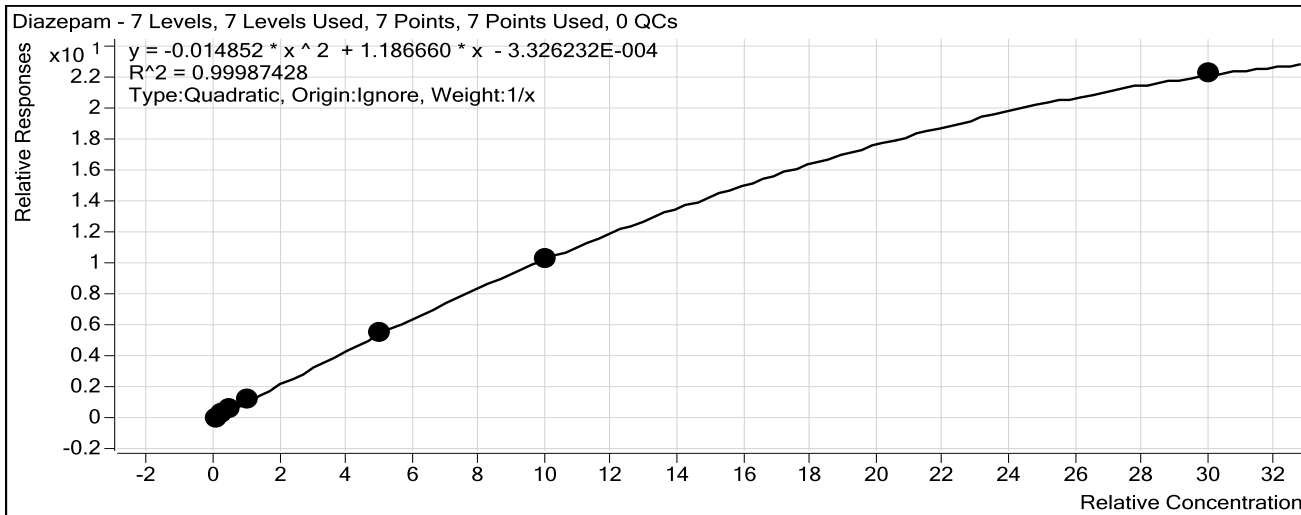
Last Calib Update 10/1/2015 9:05 AM

Analyst Name

ISP TOX

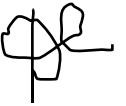
Target Compound *Diazepam*

Internal Standard *Diazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.1	90.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.8	103.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	52.0	104.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.4	102.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	500.3	100.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.2	99.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3008.2	100.3

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

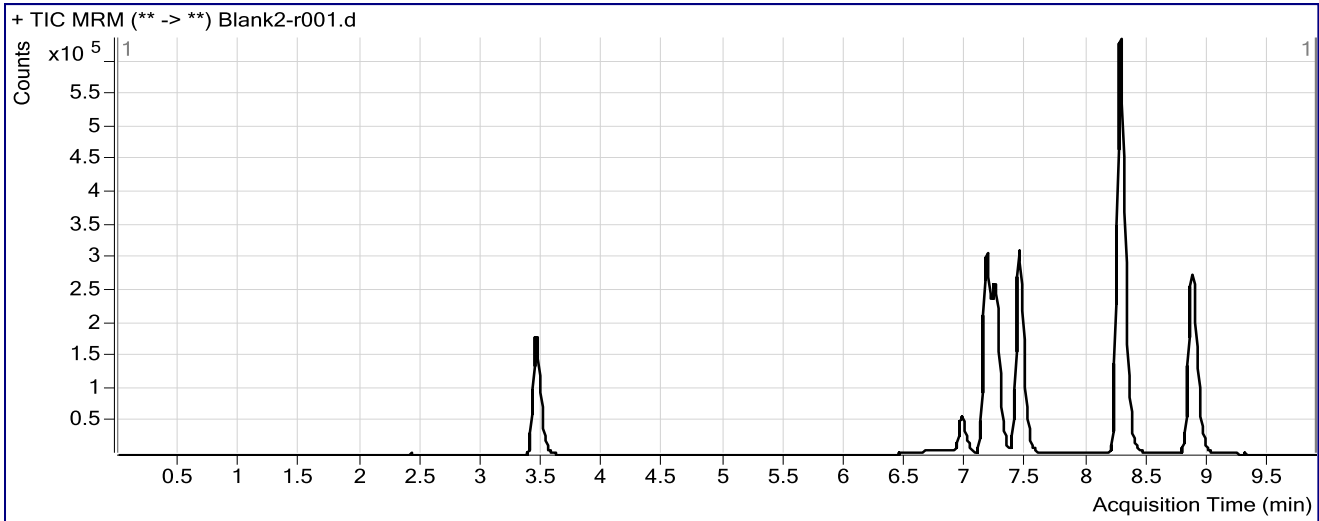


Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin		
Analysis Time	10/1/2015 9:05 AM	Analyst Name	ISPUser
Report Time	10/1/2015 9:07 AM	Reporter Name	ISPUser
Last Calib Update	10/1/2015 9:05 AM	Batch State	Processed

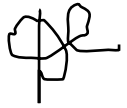
Analysis Info

Acq Time	2015-09-25 17:01	Data File	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

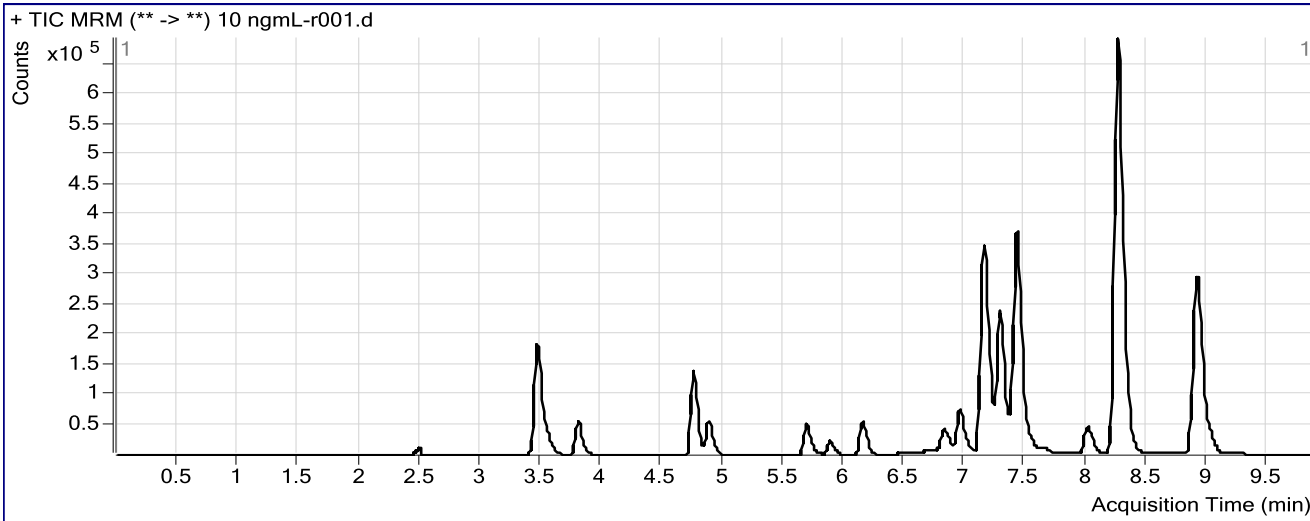


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin
Analysis Time 10/1/2015 9:05 AM **Analyst Name** ISPUser
Report Time 10/1/2015 9:07 AM **Reporter Name** ISPUser
Last Calib Update 10/1/2015 9:05 AM **Batch State** Processed

Analysis Info

Acq Time 2015-09-25 17:30 **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

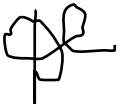
Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.562	79278	665263	0.1192	8.5430
zopiclone	Oxazepam D5 ISTD	3.799	142449	1300303	0.1096	9.2683
zolpidem	Oxazepam D5 ISTD	4.750	404880	1300303	0.3114	8.8317
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.888	153170	491703	0.3115	9.9753
quetiapine	Temazepam-D5 ISTD	5.686	132987	2854059	0.0466	9.6829
Midazolam	Clonazepam-D4 ISTD	5.883	68654	1253043	0.0548	10.2697
Flurazepam	Diazepam-D5 ISTD	6.145	184793	822871	0.2246	8.3742
Nitrazepam	Clonazepam-D4 ISTD	6.829	103956	1253043	0.0830	10.0068
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.985	5877	220259	0.0267	8.5921
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.035	15578	491703	0.0317	9.5012
Oxazepam	Oxazepam D5 ISTD	7.200	103713	1300303	0.0798	9.2280
Nordiazepam	Nordiazepam-D5 ISTD	7.378	59558	491703	0.1211	9.3358
Clonazepam	Clonazepam-D4 ISTD	7.458	76448	1253043	0.0610	9.6768
Lorazepam	Oxazepam D5 ISTD	7.542	16344	1300303	0.0126	8.6577
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.645	34517	220259	0.1567	10.1189
Flunitrazepam	Clonazepam-D4 ISTD	8.006	151064	1253043	0.1206	10.4326
Temazepam	Temazepam-D5 ISTD	8.312	225710	2854059	0.0791	9.5496
Diazepam	Diazepam-D5 ISTD	9.007	88347	822871	0.1074	9.0859

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

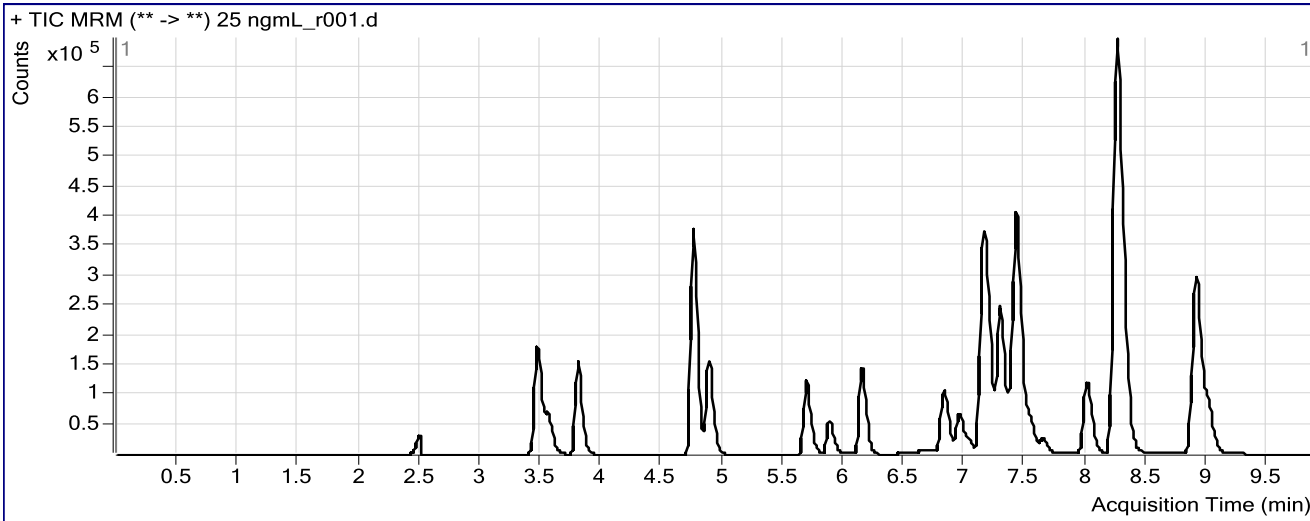


Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin		
Analysis Time	10/1/2015 9:05 AM	Analyst Name	ISPUser
Report Time	10/1/2015 9:07 AM	Reporter Name	ISPUser
Last Calib Update	10/1/2015 9:05 AM	Batch State	Processed

Analysis Info

Acq Time	2015-09-25 17:45	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

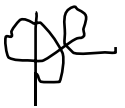
Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7					
	ISTD	3.562	182998	688062	0.2660	25.5237
zopiclone	Oxazepam D5 ISTD	3.799	394997	1316339	0.3001	25.5645
zolpidem	Oxazepam D5 ISTD	4.750	1113787	1316339	0.8461	25.5781
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.888	444088	512143	0.8671	25.2696
quetiapine	Temazepam-D5 ISTD	5.686	328136	2821087	0.1163	26.6312
Midazolam	Clonazepam-D4 ISTD	5.875	183486	1259575	0.1457	25.0082
Flurazepam	Diazepam-D5 ISTD	6.145	488802	813343	0.6010	26.5965
Nitrazepam	Clonazepam-D4 ISTD	6.829	291062	1259575	0.2311	25.2882
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5					
	ISTD	6.994	17764	218050	0.0815	23.8020
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.035	43368	512143	0.0847	25.7141
Oxazepam	Oxazepam D5 ISTD	7.192	306125	1316339	0.2326	26.0747
Nordiazepam	Nordiazepam-D5 ISTD	7.378	170654	512143	0.3332	25.5483
Clonazepam	Clonazepam-D4 ISTD	7.458	208405	1259575	0.1655	25.0606
Lorazepam	Oxazepam D5 ISTD	7.533	48082	1316339	0.0365	25.3254
Alprazolam	alphahydroxyalprazolam-D5					
	ISTD	7.637	92338	218050	0.4235	23.6029
Flunitrazepam	Clonazepam-D4 ISTD	7.998	419194	1259575	0.3328	24.8081
Temazepam	Temazepam-D5 ISTD	8.304	623824	2821087	0.2211	25.6176
Diazepam	Diazepam-D5 ISTD	8.998	248124	813343	0.3051	25.8194

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

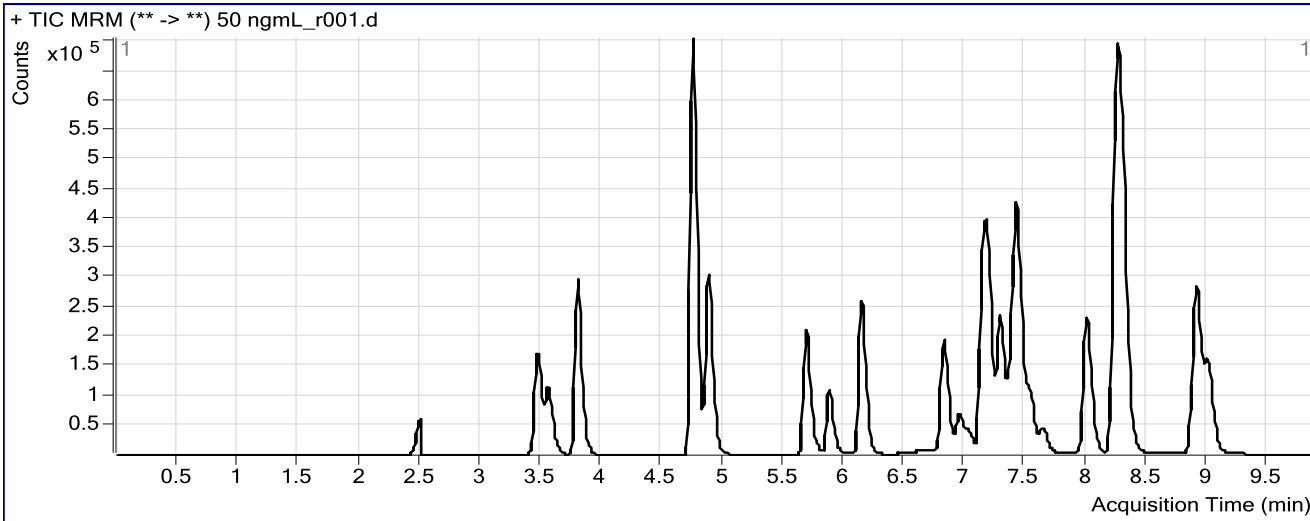


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin
Analysis Time 10/1/2015 9:05 AM **Analyst Name** ISPUser
Report Time 10/1/2015 9:07 AM **Reporter Name** ISPUser
Last Calib Update 10/1/2015 9:05 AM **Batch State** Processed

Analysis Info

Acq Time 2015-09-25 17:59 **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

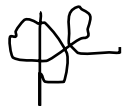
Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
	7-Aminoflunitrazepam-D7					
7-Aminoflunitrazepam	ISTD	3.562	335252	663718	0.5051	53.3213
zopiclone	Oxazepam D5 ISTD	3.799	751184	1208606	0.6215	53.0973
zolpidem	Oxazepam D5 ISTD	4.750	2115101	1208606	1.7500	54.0275
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.879	845456	480775	1.7585	49.8992
quetiapine	Temazepam-D5 ISTD	5.686	562694	2691224	0.2091	49.3259
Midazolam	Clonazepam-D4 ISTD	5.875	339996	1124427	0.3024	50.3755
Flurazepam	Diazepam-D5 ISTD	6.137	887375	769991	1.1524	53.3909
Nitrazepam	Clonazepam-D4 ISTD	6.821	533998	1124427	0.4749	50.4354
	alphahydroxyalprazolam-D5					
alpha-Hydroxyalprazolam	ISTD	6.986	32598	164385	0.1983	56.2371
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.026	79420	480775	0.1652	50.4329
Oxazepam	Oxazepam D5 ISTD	7.192	563012	1208606	0.4658	51.8893
Nordiazepam	Nordiazepam-D5 ISTD	7.378	321821	480775	0.6694	51.3742
Clonazepam	Clonazepam-D4 ISTD	7.459	387027	1124427	0.3442	51.4396
Lorazepam	Oxazepam D5 ISTD	7.533	94625	1208606	0.0783	54.4878
	alphahydroxyalprazolam-D5					
Alprazolam	ISTD	7.637	170908	164385	1.0397	54.8769
Flunitrazepam	Clonazepam-D4 ISTD	7.998	798437	1124427	0.7101	50.3829
Temazepam	Temazepam-D5 ISTD	8.304	1194273	2691224	0.4438	50.9183
Diazepam	Diazepam-D5 ISTD	9.007	472209	769991	0.6133	52.0470

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

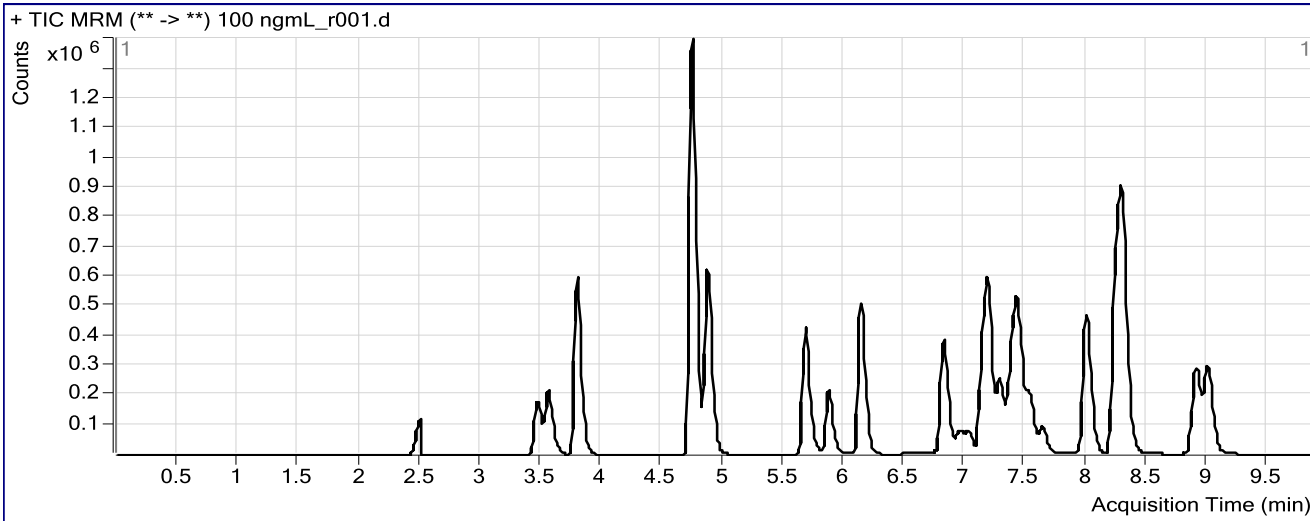


Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin		
Analysis Time	10/1/2015 9:05 AM	Analyst Name	ISPUser
Report Time	10/1/2015 9:07 AM	Reporter Name	ISPUser
Last Calib Update	10/1/2015 9:05 AM	Batch State	Processed

Analysis Info

Acq Time	2015-09-25 18:14	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-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.562	668783	692540	0.9657	107.3333
zopiclone	Oxazepam D5 ISTD	3.790	1528321	1284529	1.1898	101.8830
zolpidem	Oxazepam D5 ISTD	4.742	4241711	1284529	3.3022	103.3049
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.871	1775321	500726	3.5455	99.6197
quetiapine	Temazepam-D5 ISTD	5.677	1145981	2794178	0.4101	99.0854
Midazolam	Clonazepam-D4 ISTD	5.875	693819	1168183	0.5939	97.4239
Flurazepam	Diazepam-D5 ISTD	6.128	1775224	803331	2.2098	105.0941
Nitrazepam	Clonazepam-D4 ISTD	6.821	1106632	1168183	0.9473	99.1260
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.986	70928	212364	0.3340	93.9093
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.026	166927	500726	0.3334	102.4232
Oxazepam	Oxazepam D5 ISTD	7.192	1175555	1284529	0.9152	101.9390
Nordiazepam	Nordiazepam-D5 ISTD	7.378	665924	500726	1.3299	102.5917
Clonazepam	Clonazepam-D4 ISTD	7.450	786833	1168183	0.6736	100.2201
Lorazepam	Oxazepam D5 ISTD	7.525	193568	1284529	0.1507	105.3636
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.637	365414	212364	1.7207	89.6485
Flunitrazepam	Clonazepam-D4 ISTD	7.998	1616535	1168183	1.3838	96.1225
Temazepam	Temazepam-D5 ISTD	8.296	2442214	2794178	0.8740	100.2254
Diazepam	Diazepam-D5 ISTD	8.998	963560	803331	1.1995	102.4192

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

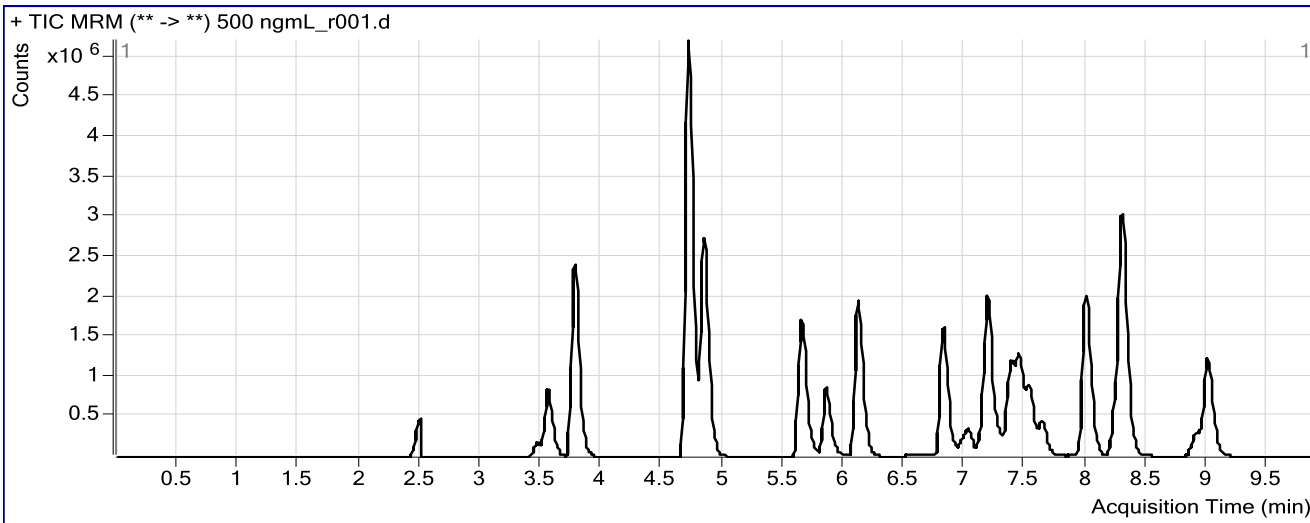


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin
Analysis Time 10/1/2015 9:05 AM **Analyst Name** ISPUser
Report Time 10/1/2015 9:07 AM **Reporter Name** ISPUser
Last Calib Update 10/1/2015 9:05 AM **Batch State** Processed

Analysis Info

Acq Time 2015-09-25 18:29 **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

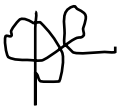
Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.562	2779043	670095	4.1472	499.4323
zopiclone	Oxazepam D5 ISTD	3.774	6607915	1216508	5.4319	470.8048
zolpidem	Oxazepam D5 ISTD	4.708	18002617	1216508	14.7986	486.9539
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.846	8457186	491692	17.2002	496.2527
quetiapine	Temazepam-D5 ISTD	5.644	4907566	2644295	1.8559	483.9789
Midazolam	Clonazepam-D4 ISTD	5.850	3077954	1007923	3.0538	486.9041
Flurazepam	Diazepam-D5 ISTD	6.112	7654477	781029	9.8005	489.9274
Nitrazepam	Clonazepam-D4 ISTD	6.821	4745410	1007923	4.7081	485.3056
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.977	349949	177595	1.9705	548.2425
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.026	757082	491692	1.5397	490.6906
Oxazepam	Oxazepam D5 ISTD	7.183	5067421	1216508	4.1655	477.8619
Nordiazepam	Nordiazepam-D5 ISTD	7.370	3013901	491692	6.1297	495.8316
Clonazepam	Clonazepam-D4 ISTD	7.450	3348355	1007923	3.3220	501.0846
Lorazepam	Oxazepam D5 ISTD	7.525	822514	1216508	0.6761	487.8377
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.629	1804397	177595	10.1602	540.5861
Flunitrazepam	Clonazepam-D4 ISTD	7.989	7175835	1007923	7.1194	489.2183
Temazepam	Temazepam-D5 ISTD	8.296	11117944	2644295	4.2045	502.3076
Diazepam	Diazepam-D5 ISTD	8.998	4346218	781029	5.5647	500.2948

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

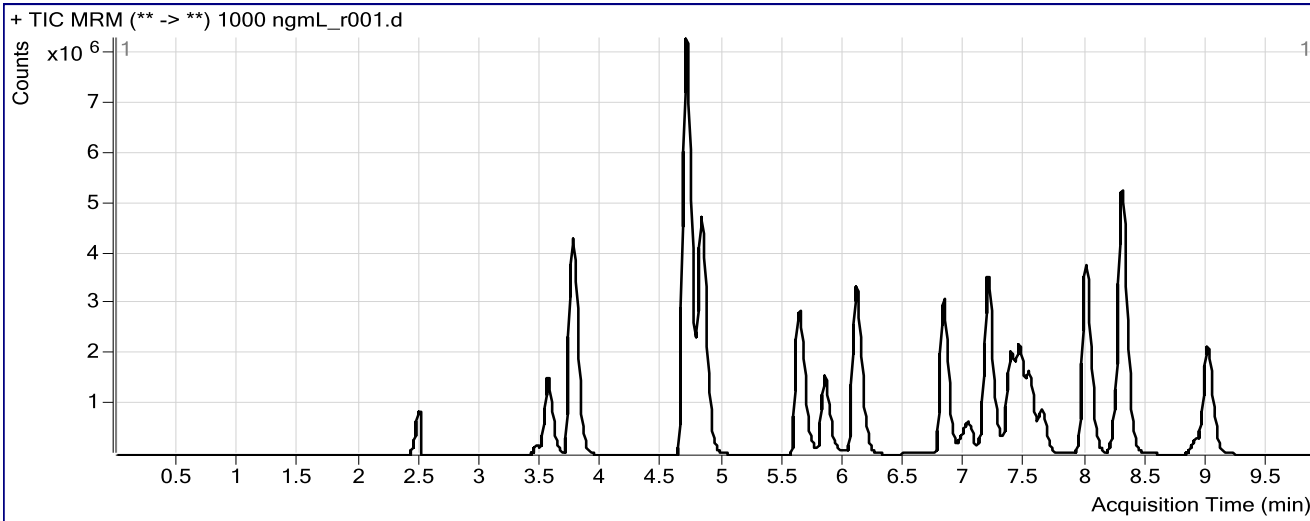


Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin		
Analysis Time	10/1/2015 9:05 AM	Analyst Name	ISPUser
Report Time	10/1/2015 9:07 AM	Reporter Name	ISPUser
Last Calib Update	10/1/2015 9:05 AM	Batch State	Processed

Analysis Info

Acq Time	2015-09-25 18:43	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

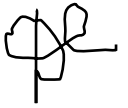
Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.562	5300279	690114	7.6803	983.2410
zopiclone	Oxazepam D5 ISTD	3.757	13338373	1142075	11.6791	1030.2779
zolpidem	Oxazepam D5 ISTD	4.692	32778677	1142075	28.7010	1006.2450
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.829	15877668	478662	33.1709	1005.6262
quetiapine	Temazepam-D5 ISTD	5.627	9104833	2556289	3.5617	1025.3547
Midazolam	Clonazepam-D4 ISTD	5.842	6042788	923601	6.5426	1018.2522
Flurazepam	Diazepam-D5 ISTD	6.095	14829590	776823	19.0901	999.3172
Nitrazepam	Clonazepam-D4 ISTD	6.821	9181004	923601	9.9404	1018.3918
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.977	773573	203902	3.7939	1054.4546
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.026	1440769	478662	3.0100	1007.5637
Oxazepam	Oxazepam D5 ISTD	7.183	9698434	1142075	8.4919	1023.4508
Nordiazepam	Nordiazepam-D5 ISTD	7.370	5537199	478662	11.5681	998.8287
Clonazepam	Clonazepam-D4 ISTD	7.450	5958241	923601	6.4511	996.3246
Lorazepam	Oxazepam D5 ISTD	7.525	1518417	1142075	1.3295	1001.5718
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.629	3583564	203902	17.5750	973.3671
Flunitrazepam	Clonazepam-D4 ISTD	7.989	13568096	923601	14.6904	1018.6716
Temazepam	Temazepam-D5 ISTD	8.296	20060452	2556289	7.8475	994.2705
Diazepam	Diazepam-D5 ISTD	8.998	8003702	776823	10.3031	991.2491

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

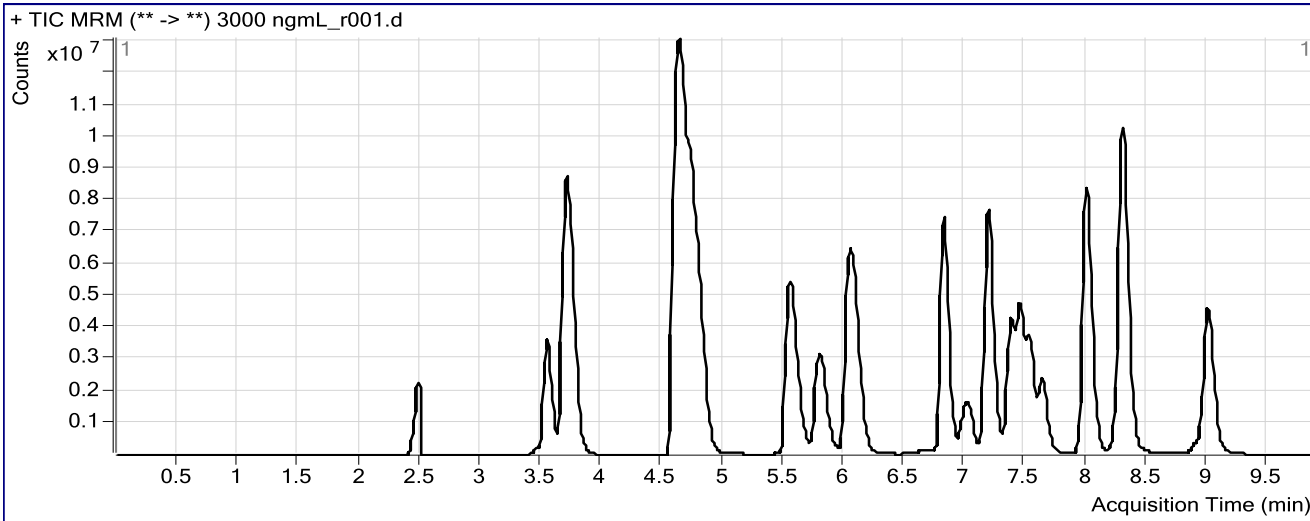


Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin		
Analysis Time	10/1/2015 9:05 AM	Analyst Name	ISPUser
Report Time	10/1/2015 9:07 AM	Reporter Name	ISPUser
Last Calib Update	10/1/2015 9:05 AM	Batch State	Processed

Analysis Info

Acq Time	2015-09-25 18:58	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

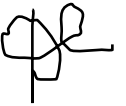
Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.554	13041826	733850	17.7718	3011.7155
zopiclone	Oxazepam D5 ISTD	3.707	34560637	1085686	31.8330	2994.0481
zolpidem	Oxazepam D5 ISTD	4.633	69871922	1085686	64.3574	3000.4198
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.754	38912908	494247	78.7316	2997.8573
quetiapine	Temazepam-D5 ISTD	5.552	16287062	2497152	6.5223	2943.3444
Midazolam	Clonazepam-D4 ISTD	5.790	16001173	766225	20.8831	2996.6247
Flurazepam	Diazepam-D5 ISTD	6.045	38843451	822070	47.2508	3002.9074
Nitrazepam	Clonazepam-D4 ISTD	6.821	22810439	766225	29.7699	2996.4362
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	6.977	2249204	223997	10.0412	2788.8892
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.026	3570714	494247	7.2245	2998.4049
Oxazepam	Oxazepam D5 ISTD	7.192	21995720	1085686	20.2598	2993.4695
Nordiazepam	Nordiazepam-D5 ISTD	7.378	12565246	494247	25.4230	3002.7695
Clonazepam	Clonazepam-D4 ISTD	7.450	13412222	766225	17.5043	3001.2665
Lorazepam	Oxazepam D5 ISTD	7.525	3584940	1085686	3.3020	3002.2409
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.637	9678168	223997	43.2067	2982.0300
Flunitrazepam	Clonazepam-D4 ISTD	7.998	31715719	766225	41.3922	2995.3275
Temazepam	Temazepam-D5 ISTD	8.296	44423931	2497152	17.7898	3003.3377
Diazepam	Diazepam-D5 ISTD	8.998	18296765	822070	22.2569	3008.1883

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

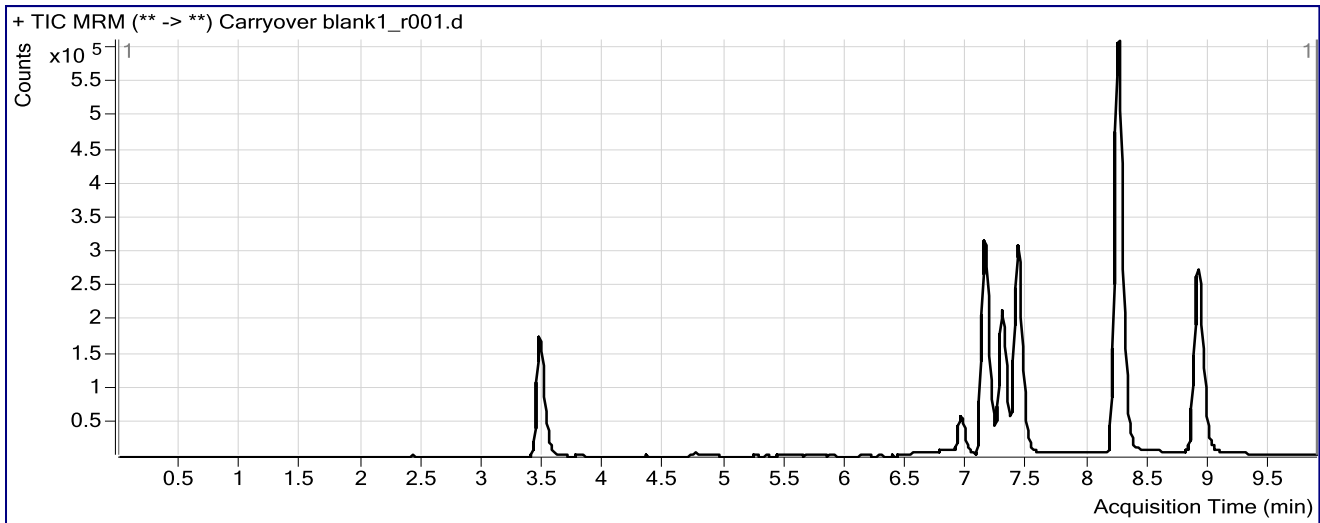


Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin		
Analysis Time	10/1/2015 9:05 AM	Analyst Name	ISPUser
Report Time	10/1/2015 9:07 AM	Reporter Name	ISPUser
Last Calib Update	10/1/2015 9:05 AM	Batch State	Processed

Analysis Info

Acq Time	2015-09-25 19:13	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



ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

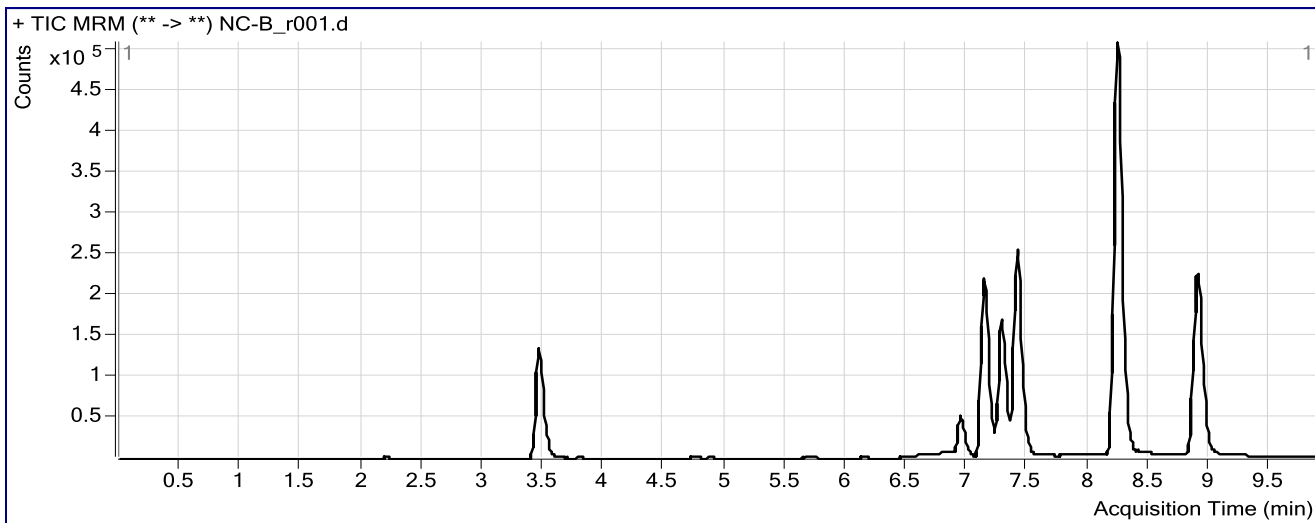


Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin		
Analysis Time	10/1/2015 9:05 AM	Analyst Name	ISPUser
Report Time	10/1/2015 9:07 AM	Reporter Name	ISPUser
Last Calib Update	10/1/2015 9:05 AM	Batch State	Processed

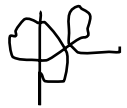
Analysis Info

Acq Time	2015-09-25 19:27	Data File	NC-B_r001.d
Sample Type	Sample	Sample Name	Negative Blood Control
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP.m
Position	P1-B1	Sample Info	UTAK Negative Whole Blood LOT B0689
Inj Vol	-1	Comment	AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

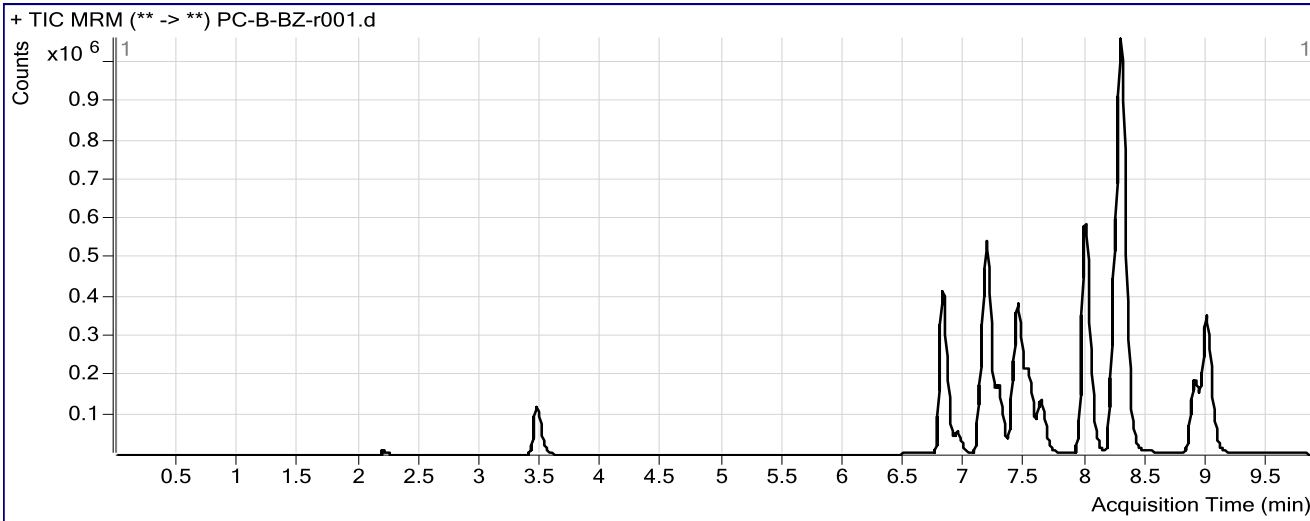


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin
Analysis Time 10/1/2015 9:05 AM **Analyst Name** ISPUser
Report Time 10/1/2015 9:07 AM **Reporter Name** ISPUser
Last Calib Update 10/1/2015 9:05 AM **Batch State** Processed

Analysis Info

Acq Time 2015-09-25 19:42 **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

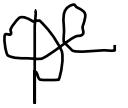
Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nitrazepam	Clonazepam-D4 ISTD	6.813	1196915	729964	1.6397	170.4158
Oxazepam	Oxazepam D5 ISTD	7.183	1226833	700305	1.7519	196.3165
Clonazepam	Clonazepam-D4 ISTD	7.442	904732	729964	1.2394	184.5662
Lorazepam	Oxazepam D5 ISTD	7.516	183252	700305	0.2617	184.1685
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.620	552756	157410	3.5116	182.1651
Flunitrazepam	Clonazepam-D4 ISTD	7.989	2049883	729964	2.8082	193.1232
Temazepam	Temazepam-D5 ISTD	8.288	3441265	1853063	1.8571	214.9956
Diazepam	Diazepam-D5 ISTD	8.990	1182514	507414	2.3305	201.4986

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

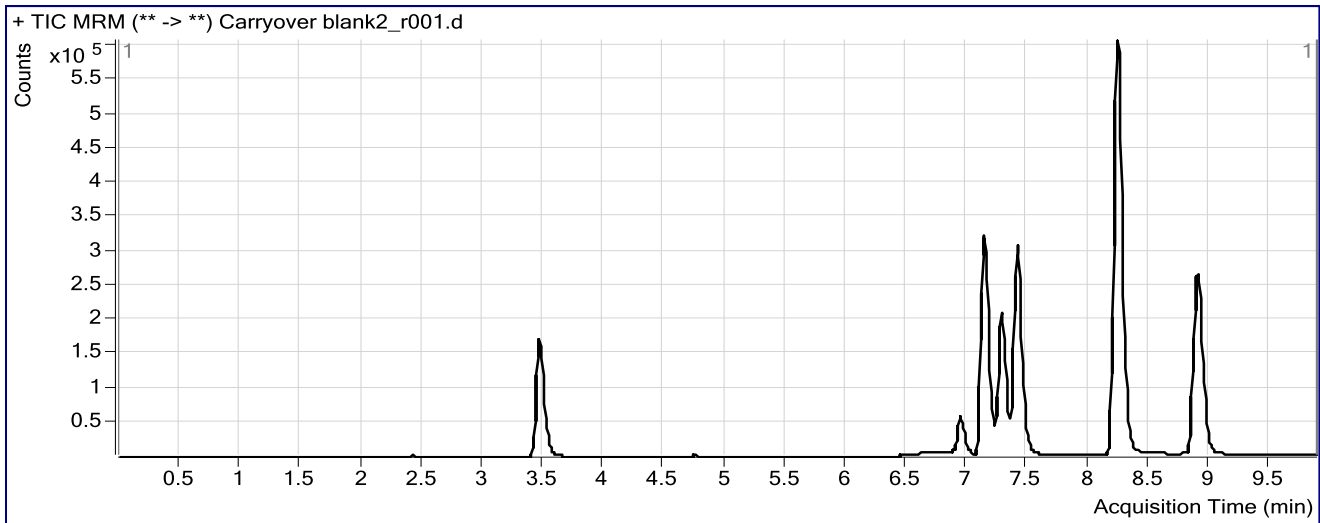


Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin		
Analysis Time	10/1/2015 9:05 AM	Analyst Name	ISPUser
Report Time	10/1/2015 9:07 AM	Reporter Name	ISPUser
Last Calib Update	10/1/2015 9:05 AM	Batch State	Processed

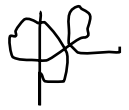
Analysis Info

Acq Time	2015-09-25 19:56	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

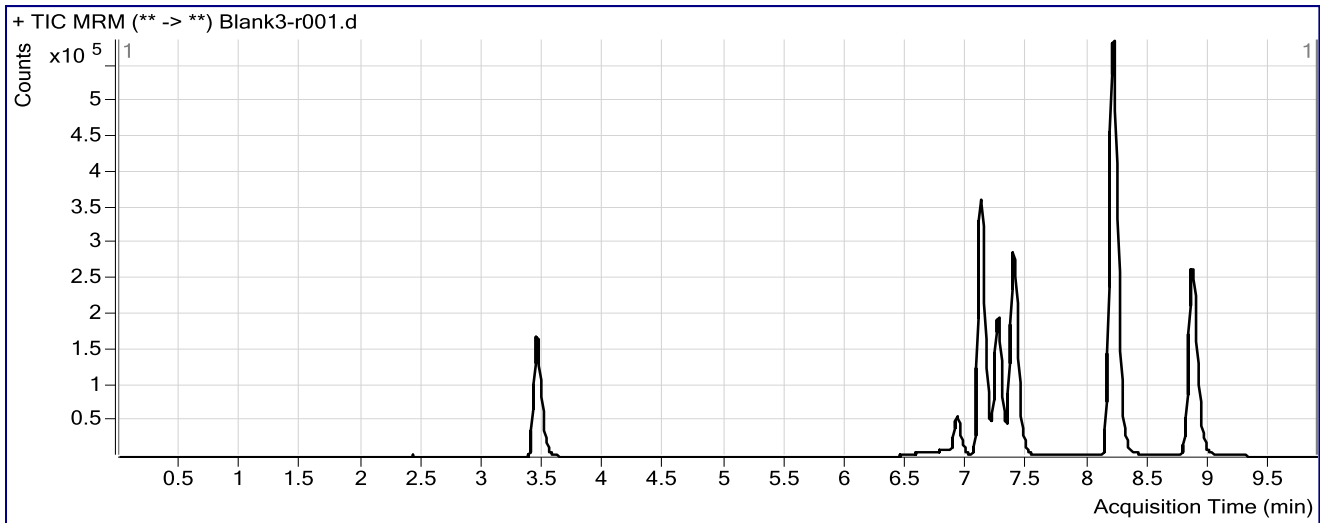


Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin		
Analysis Time	10/1/2015 9:05 AM	Analyst Name	ISPUser
Report Time	10/1/2015 9:07 AM	Reporter Name	ISPUser
Last Calib Update	10/1/2015 9:05 AM	Batch State	Processed

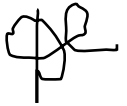
Analysis Info

Acq Time	2015-09-26 01:03	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



Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-092515-DD\QuantResults\BZ-B-092515-DD.batch.bin		
Analysis Time	10/1/2015 9:05 AM	Analyst Name	ISPUser
Report Time	10/1/2015 9:07 AM	Reporter Name	ISPUser
Last Calib Update	10/1/2015 9:05 AM	Batch State	Processed

Analysis Info

Acq Time	2015-09-26 01:18	Data File	Blank4-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

