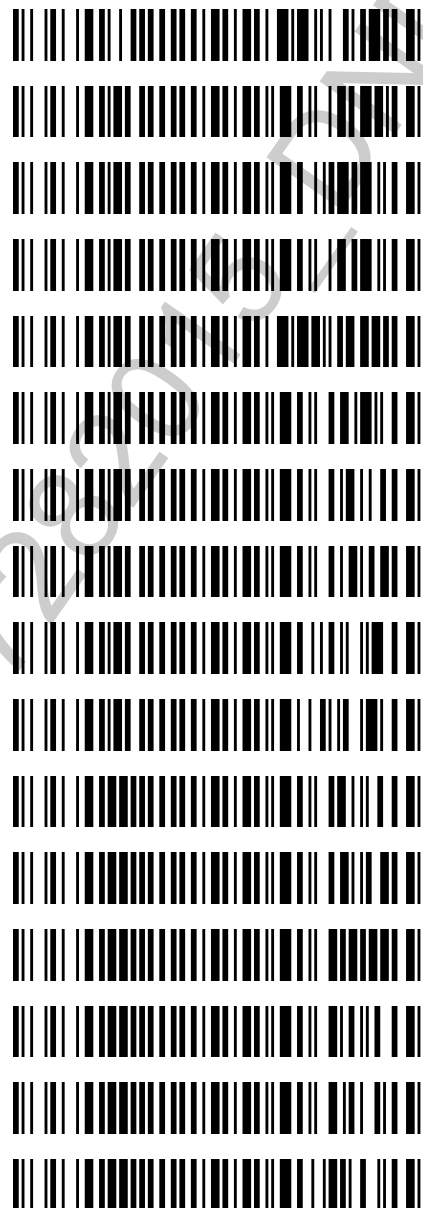


Worklist: 791

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



POC_AM 6.1.1 Blood 072015

Worklist Report



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

Worklist Run Parameters

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

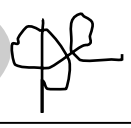
Plate Barcode Information


Plate	Barcode
P1	


Worklist Table

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

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

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

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

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

ISP Forensics Calibration Curve Report



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

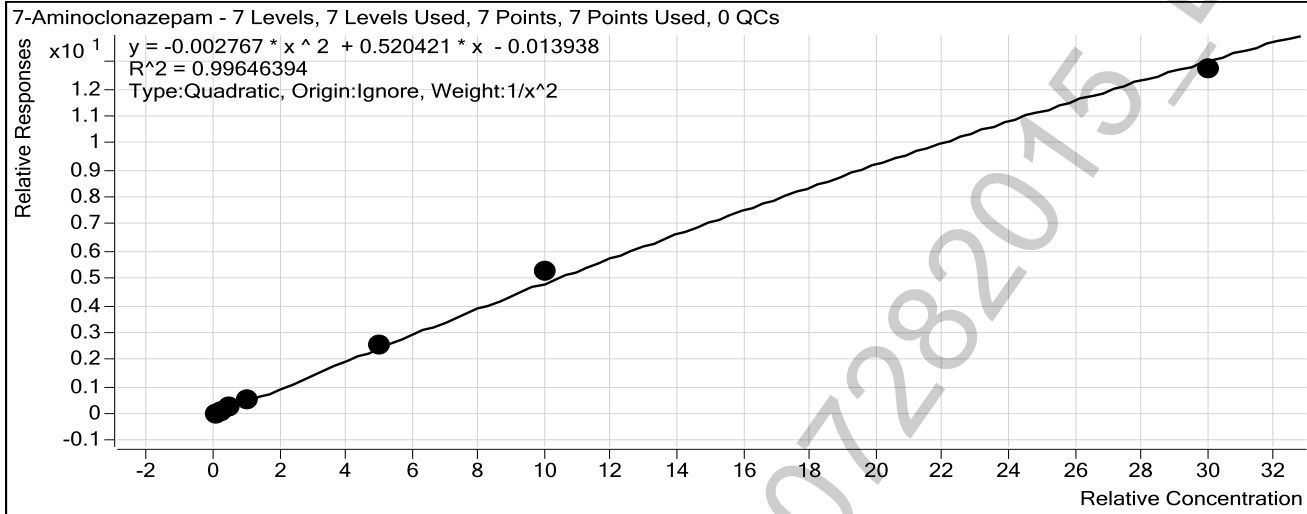
Last Calib Update 7/31/2015 8:28 PM

Analyst Name

ISP TOX

Target Compound 7-Aminoclonazepam

Internal Standard 7-Aminoflunitrazepam-D7 ISTD



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

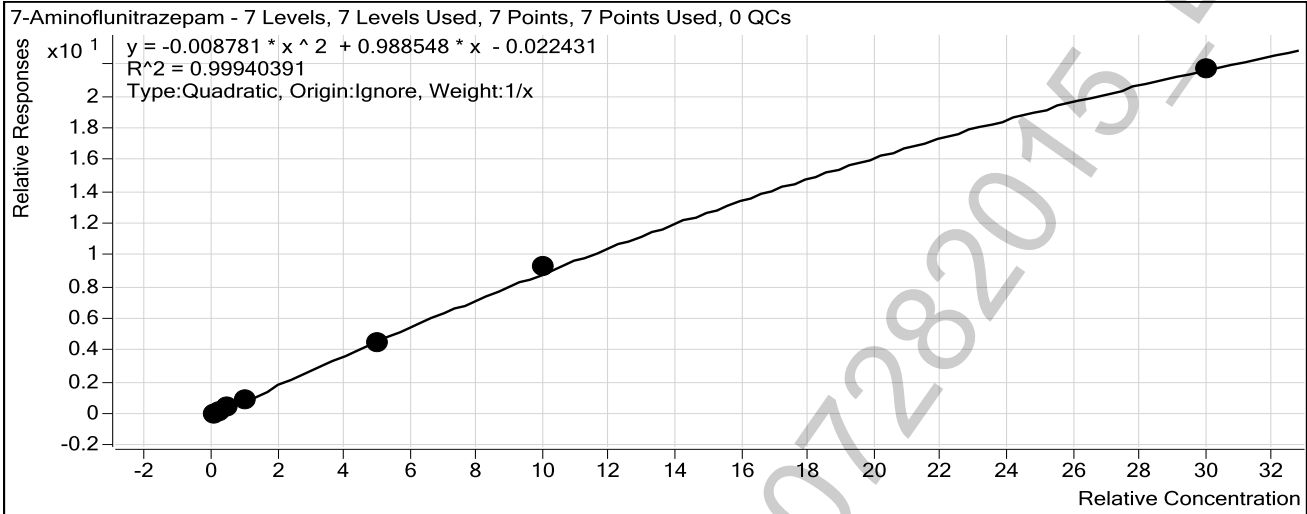
ISP Forensics Calibration Curve Report



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

Last Calib Update 7/31/2015 8:28 PM **Analyst Name** ISP TOX

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



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

POC-AM 6.1.1 Blood 07282015

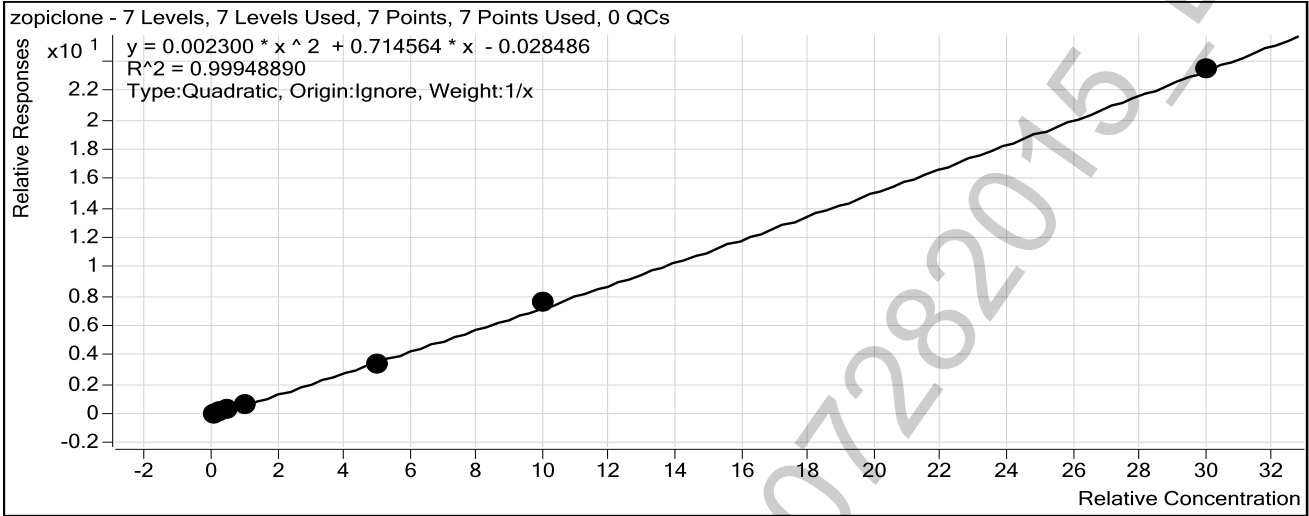
ISP Forensics Calibration Curve Report



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

Last Calib Update 7/31/2015 8:28 PM **Analyst Name** ISP TOX

Target Compound zopiclone
Internal Standard Oxazepam D5 ISTD



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

POC-AM 6.1.1 Blood/07282015

ISP Forensics Calibration Curve Report



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

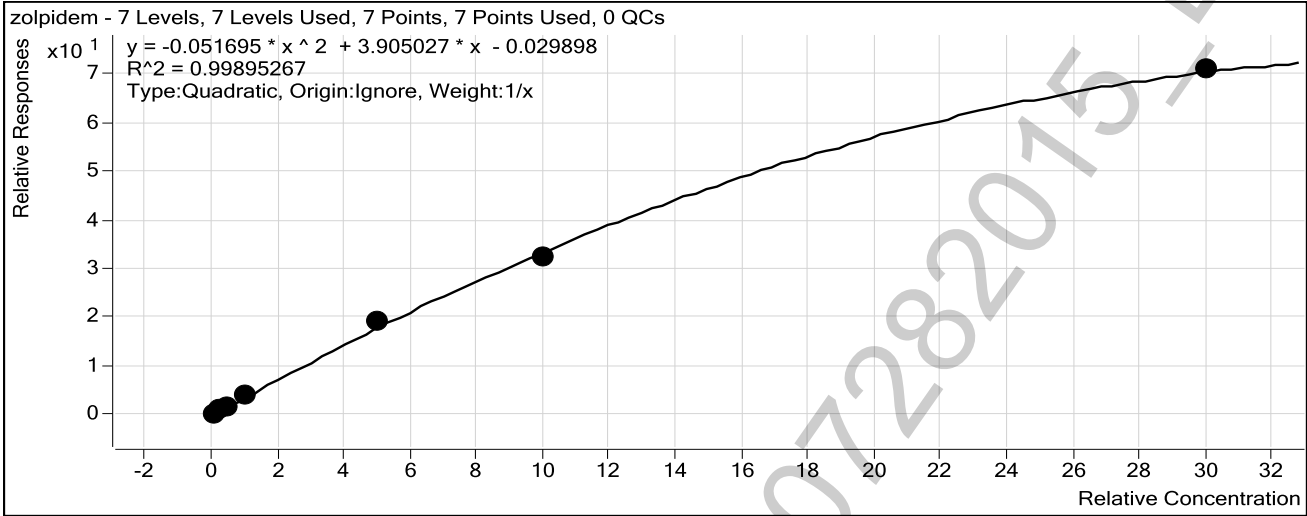
Last Calib Update 7/31/2015 8:28 PM

Analyst Name

ISP TOX

Target Compound zolpidem

Internal Standard Oxazepam D5 ISTD



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

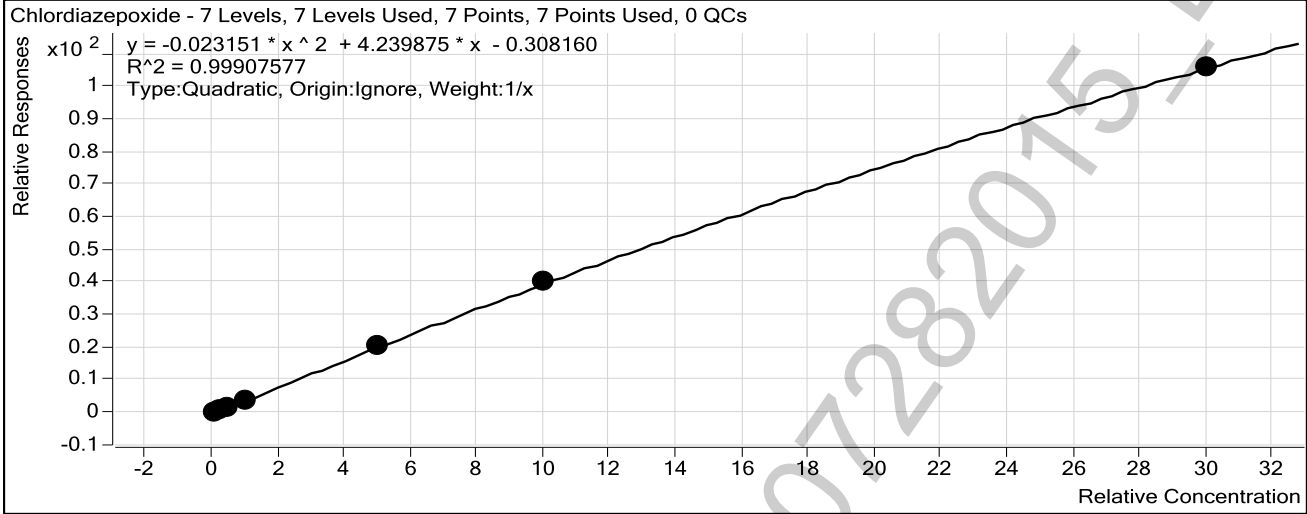
ISP Forensics Calibration Curve Report



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

Last Calib Update 7/31/2015 8:28 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	12.3	122.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.1	100.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	42.9	85.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	88.7	88.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	504.5	100.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1020.0	102.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2990.8	99.7

POC-AM 6.1.1 Blood/07282015

ISP Forensics Calibration Curve Report



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

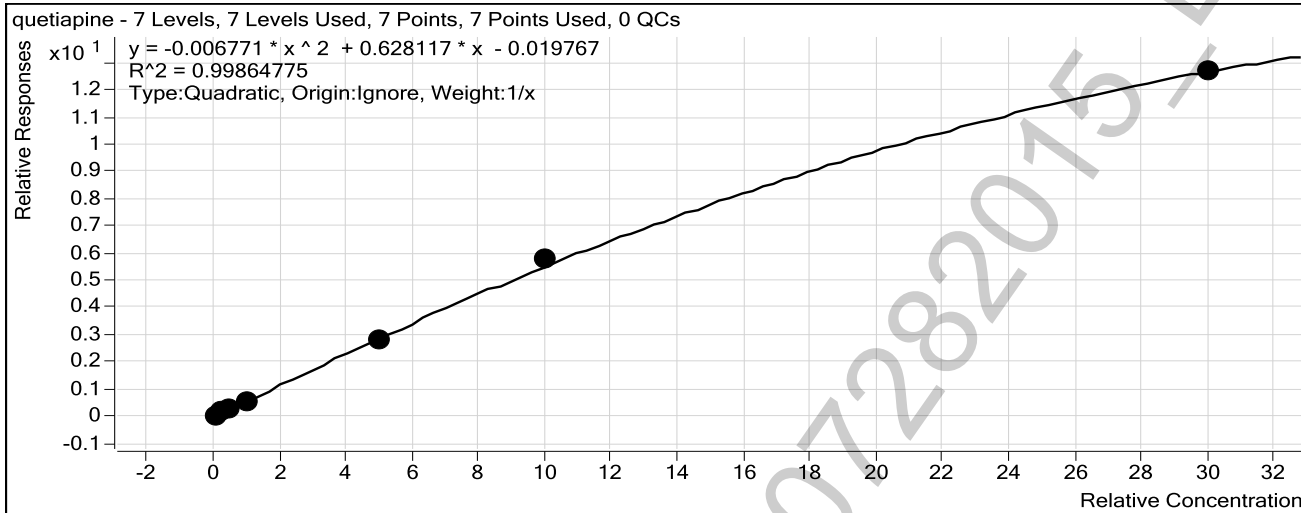
Last Calib Update 7/31/2015 8:28 PM

Analyst Name

ISP TOX

Target Compound *quetiapine*

Internal Standard *Temazepam-D5 ISTD*



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

ISP Forensics Calibration Curve Report

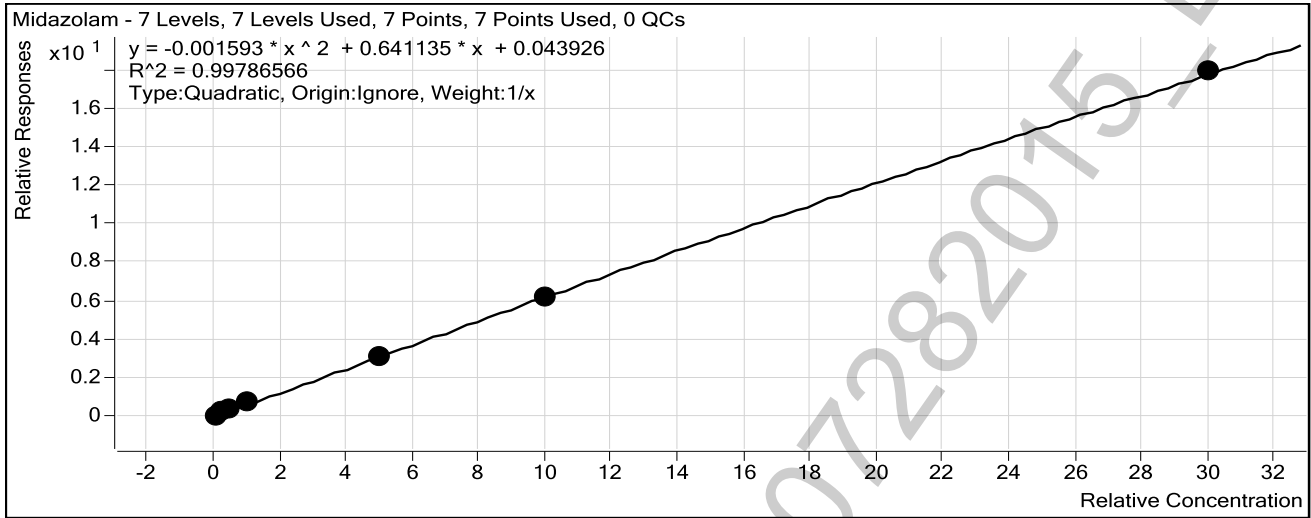


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

Last Calib Update 7/31/2015 8:28 PM

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	5.4	54.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	28.3	113.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	59.8	119.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	117.7	117.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	483.6	96.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	981.1	98.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3009.3	100.3

POC-AM 6.1.1 Blood/07282015

ISP Forensics Calibration Curve Report



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

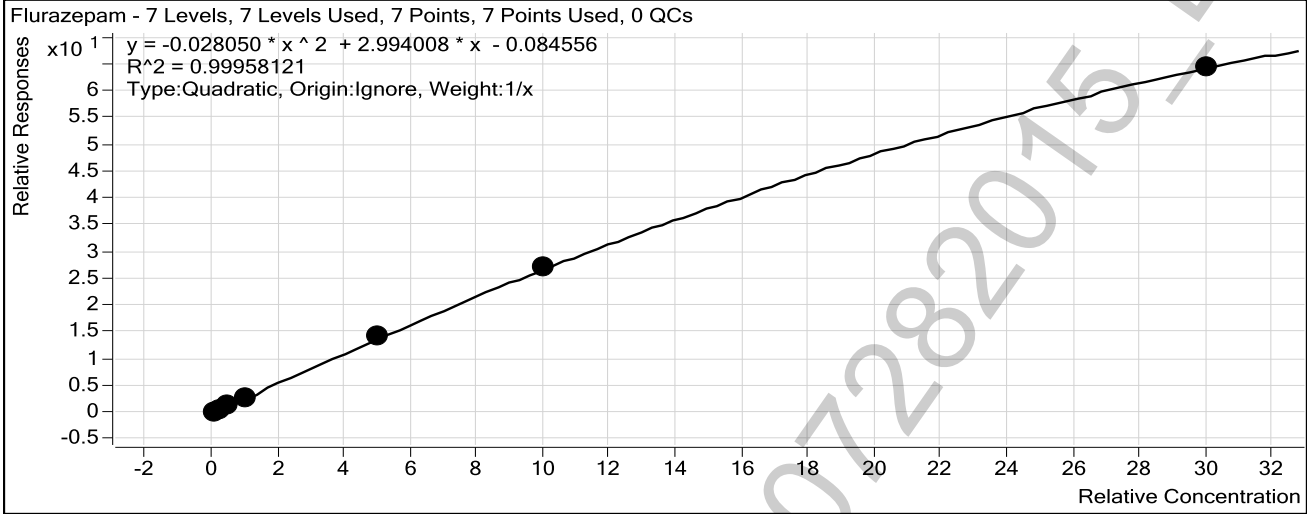
Last Calib Update 7/31/2015 8:28 PM

Analyst Name

ISP TOX

Target Compound *Flurazepam*

Internal Standard *Diazepam-D5 ISTD*



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

POC-AM 6.1.1 Blood/07282015-DND

ISP Forensics Calibration Curve Report

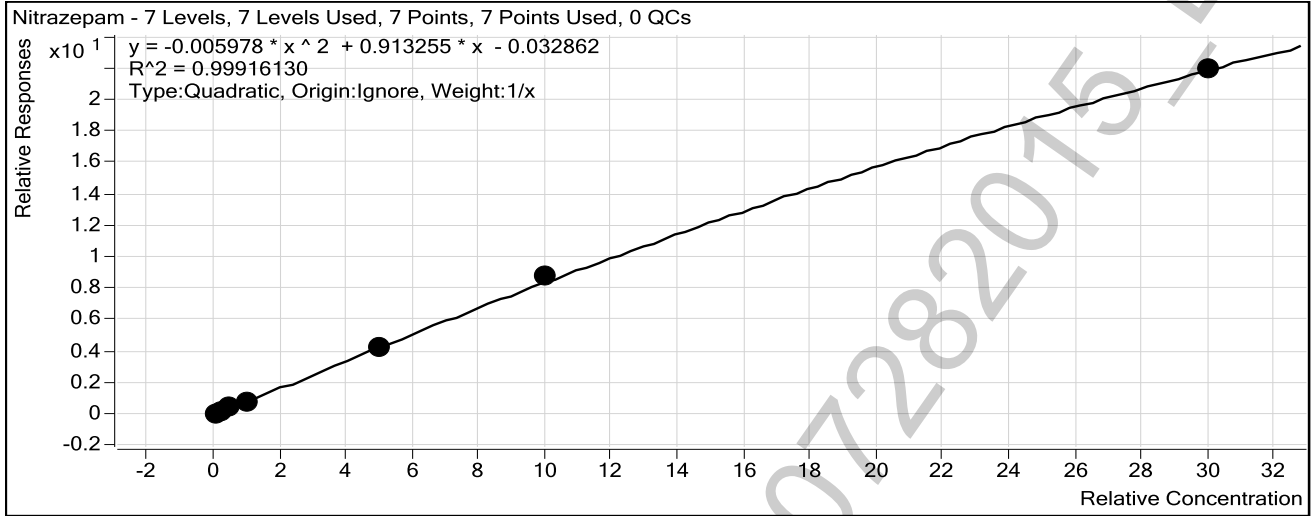


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

Last Calib Update 7/31/2015 8:28 PM

Analyst Name ISP TOX

Target Compound Nitrazepam
Internal Standard Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.0	110.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.9	103.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.0	96.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	90.3	90.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	483.8	96.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1038.0	103.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2986.7	99.6

POC-AM 6.1.1 Blood/07282015-DNE

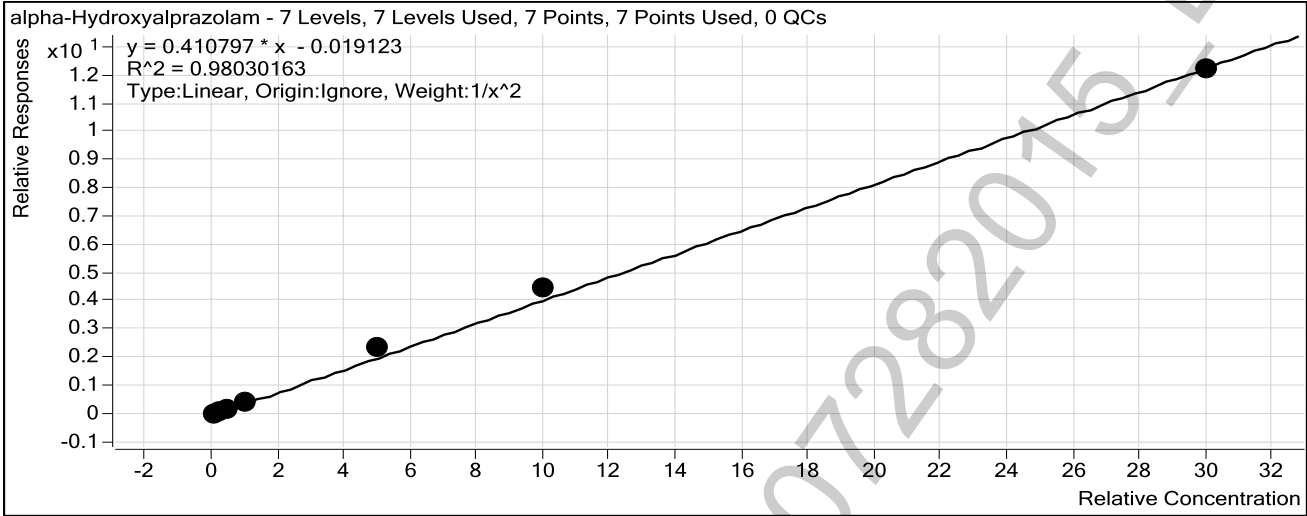
ISP Forensics Calibration Curve Report



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

Last Calib Update 7/31/2015 8:28 PM **Analyst Name** ISP TOX

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



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

POC-AM 6.1.1 Blood/07282015

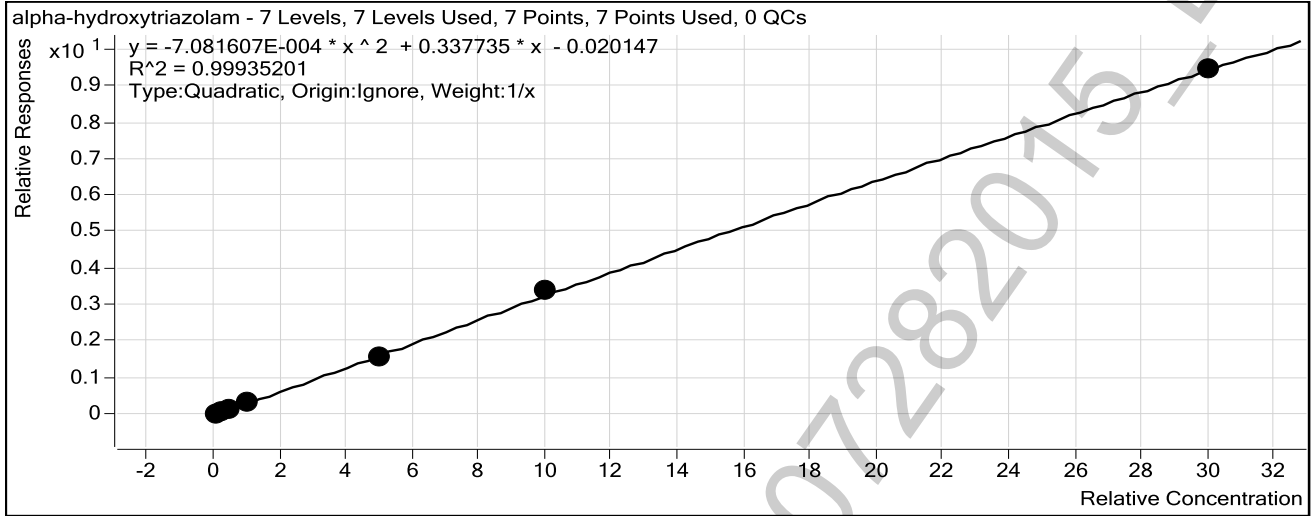
ISP Forensics Calibration Curve Report



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

Last Calib Update 7/31/2015 8:28 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.3	113.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.2	100.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.2	90.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.1	96.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	481.2	96.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1034.8	103.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2991.0	99.7

POC-AM 6.1.1 Blood/07282015

ISP Forensics Calibration Curve Report



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

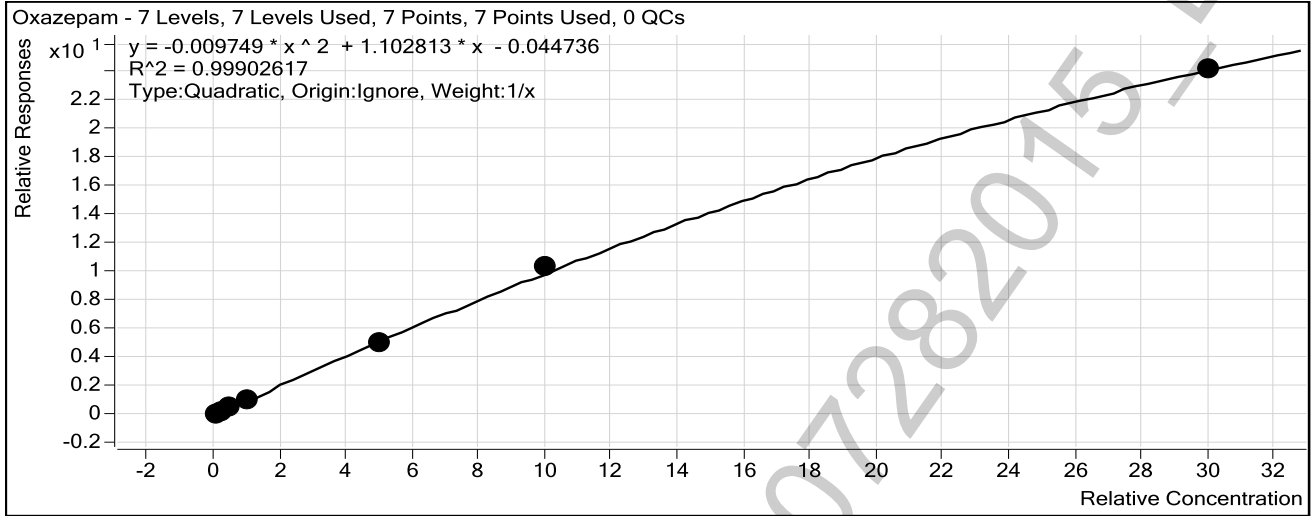
Last Calib Update 7/31/2015 8:28 PM

Analyst Name

ISP TOX

Target Compound Oxazepam

Internal Standard Oxazepam D5 ISTD



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

POC-AM 6.1.1 Blood/07282015-DND

ISP Forensics Calibration Curve Report

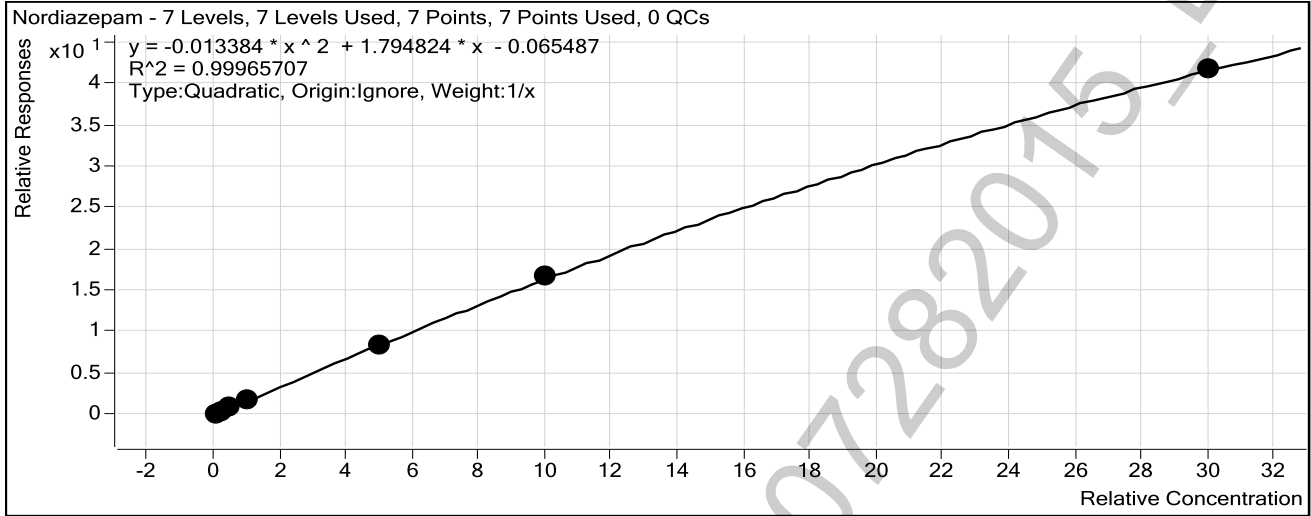


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

Last Calib Update 7/31/2015 8:28 PM

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	9.9	98.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.0	103.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.7	95.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.6	103.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	482.9	96.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1019.7	102.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2994.5	99.8

POC-AM 6.1.1 Blood/07282015

ISP Forensics Calibration Curve Report

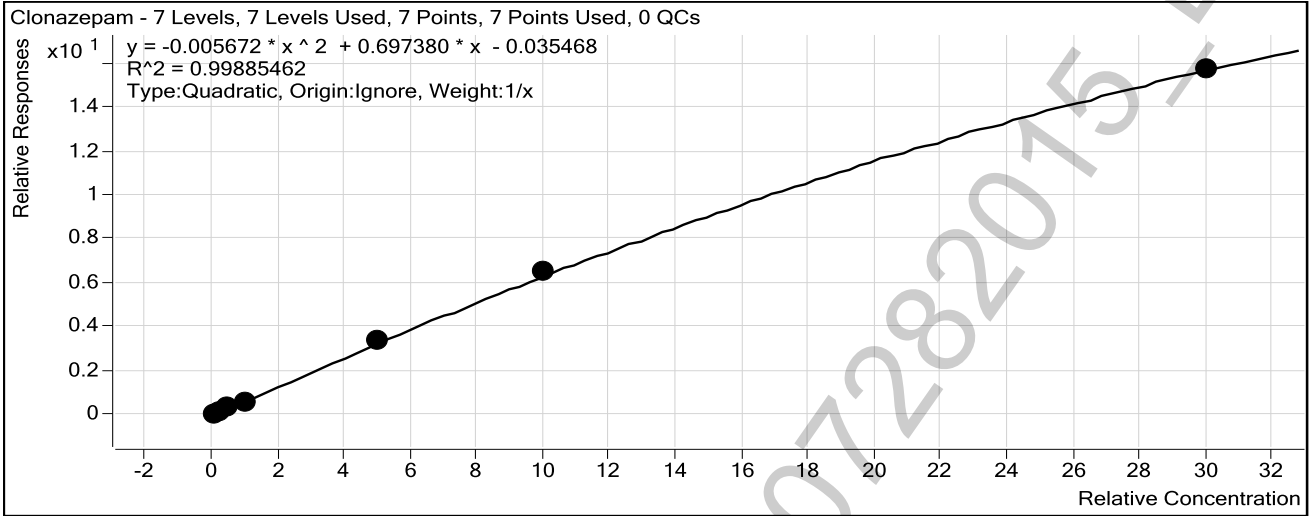


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

Last Calib Update 7/31/2015 8:28 PM

Analyst Name ISP TOX

Target Compound Clonazepam
Internal Standard Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.8	117.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.9	103.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.8	91.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	84.6	84.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	504.4	100.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1022.9	102.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2987.4	99.6

POC-AM 6.1.1 Blood 07282015 DNE

ISP Forensics Calibration Curve Report



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

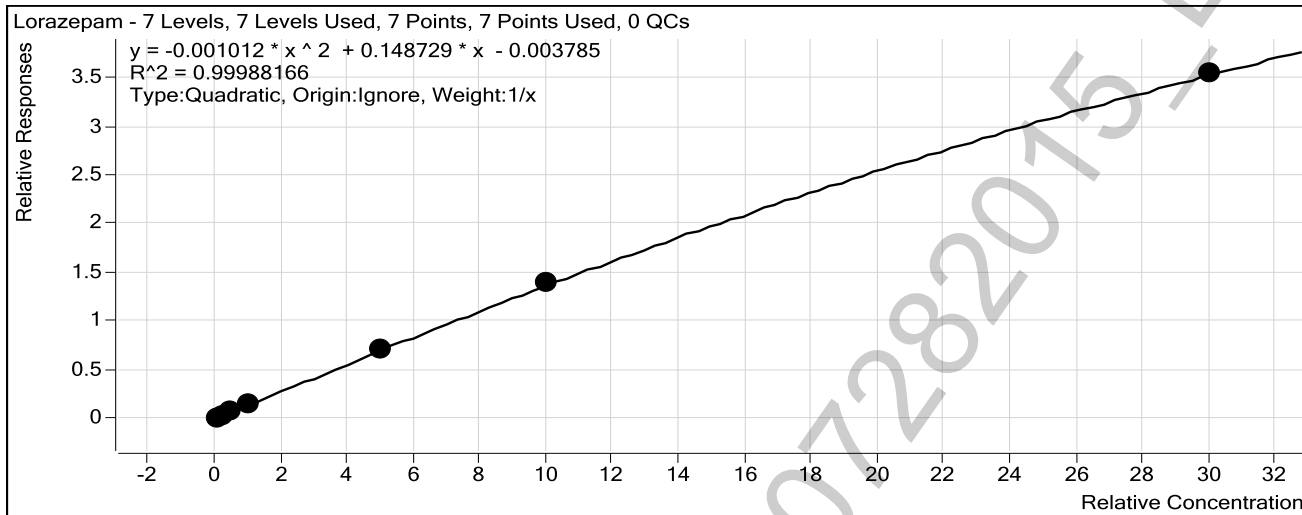
Last Calib Update 7/31/2015 8:28 PM

Analyst Name

ISP TOX

Target Compound Lorazepam

Internal Standard Oxazepam D5 ISTD



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

ISP Forensics Calibration Curve Report



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

Last Calib Update 7/31/2015 8:28 PM

Analyst Name

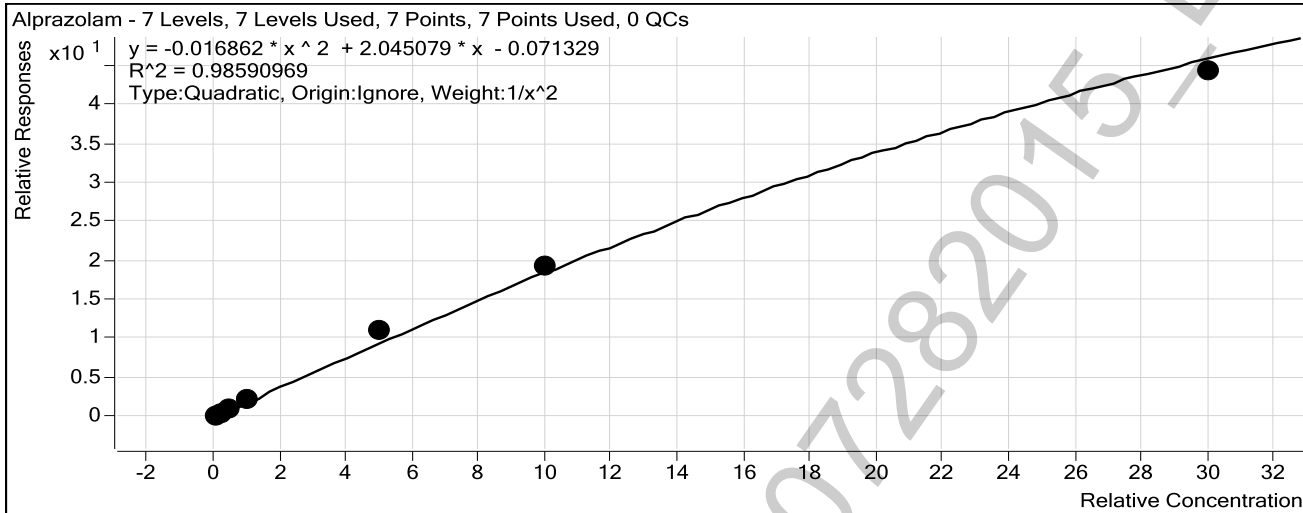
ISP TOX

Target Compound

Alprazolam

Internal Standard

alphahydroxyalprazolam-D5 ISTD



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

ISP Forensics Calibration Curve Report



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

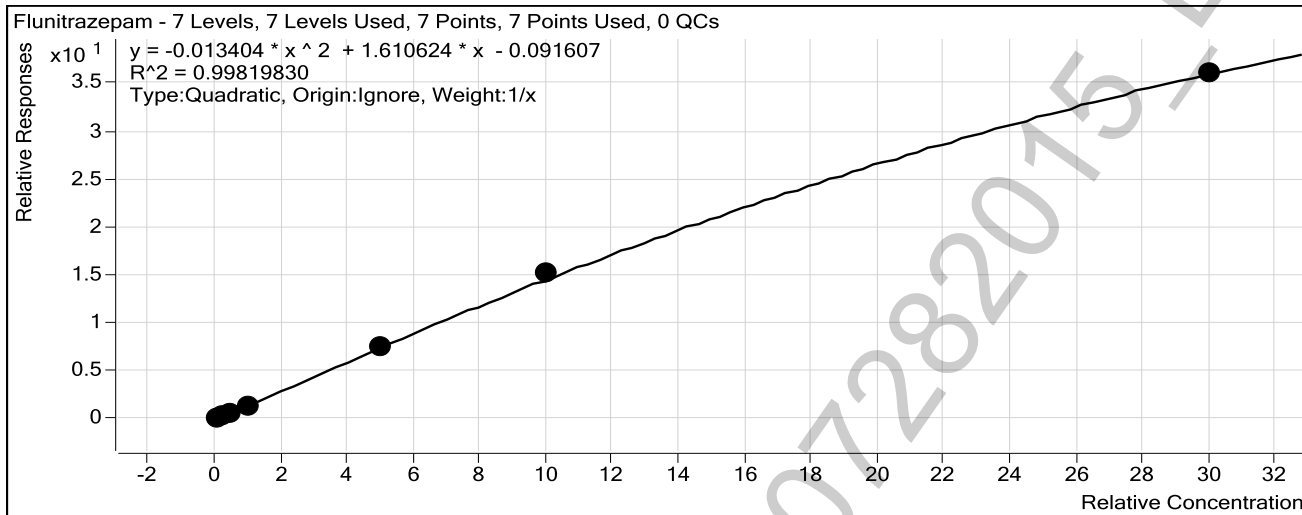
Last Calib Update 7/31/2015 8:28 PM

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	12.4	123.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.6	102.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.5	89.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	82.6	82.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	496.0	99.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1040.0	104.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2980.5	99.3

ISP Forensics Calibration Curve Report

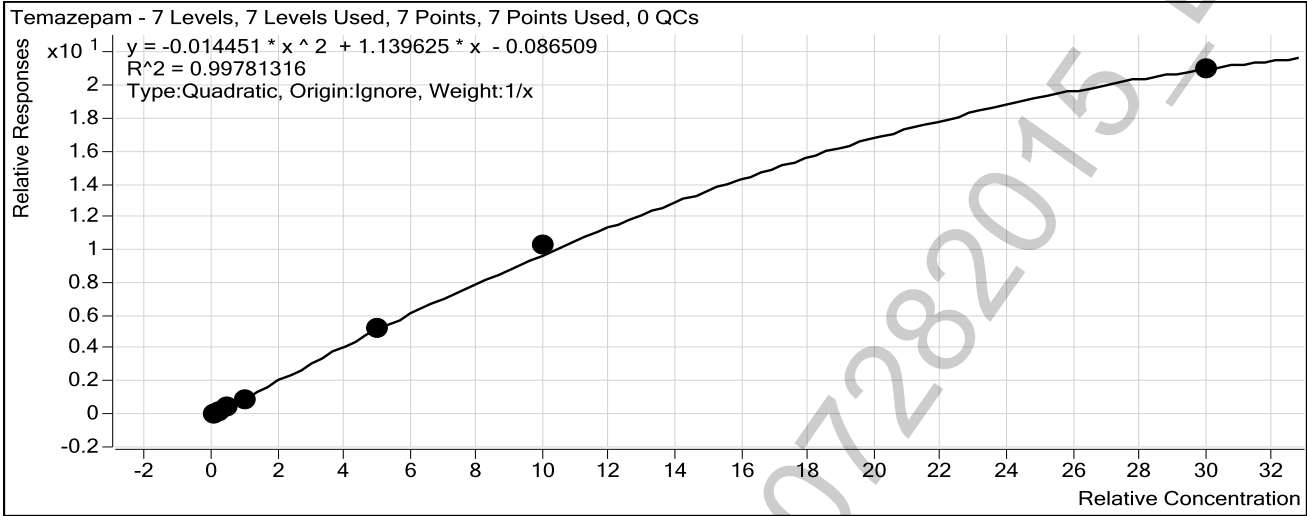


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin

Last Calib Update 7/31/2015 8:28 PM

Analyst Name ISP TOX

Target Compound Temazepam
Internal Standard Temazepam-D5 ISTD



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

POC-AM 6.1.1 Blood/07282015-DND

ISP Forensics Calibration Curve Report



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

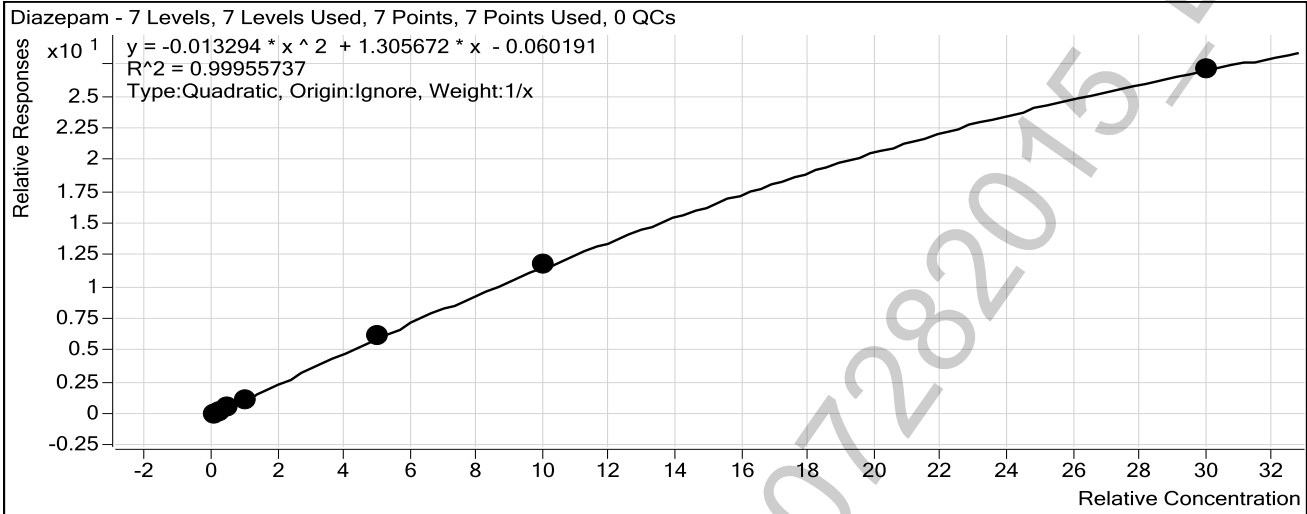
Last Calib Update 7/31/2015 8:28 PM

Analyst Name

ISP TOX

Target Compound *Diazepam*

Internal Standard *Diazepam-D5 ISTD*



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

POC-AM 6.1.1 Blood 07282015



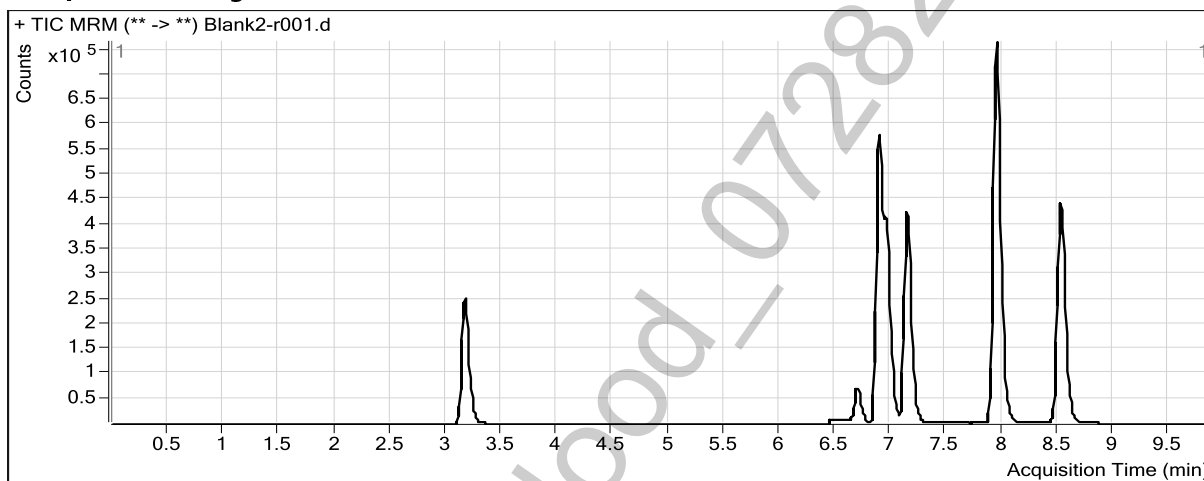
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin		
Analysis Time	7/31/2015 8:28 PM	Analyst Name	datastor
Report Time	8/3/2015 9:34 AM	Reporter Name	ISPUser
Last Calib Update	7/31/2015 8:28 PM	Batch State	Processed

Analysis Info

Acq Time	2015-07-29 11:26	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





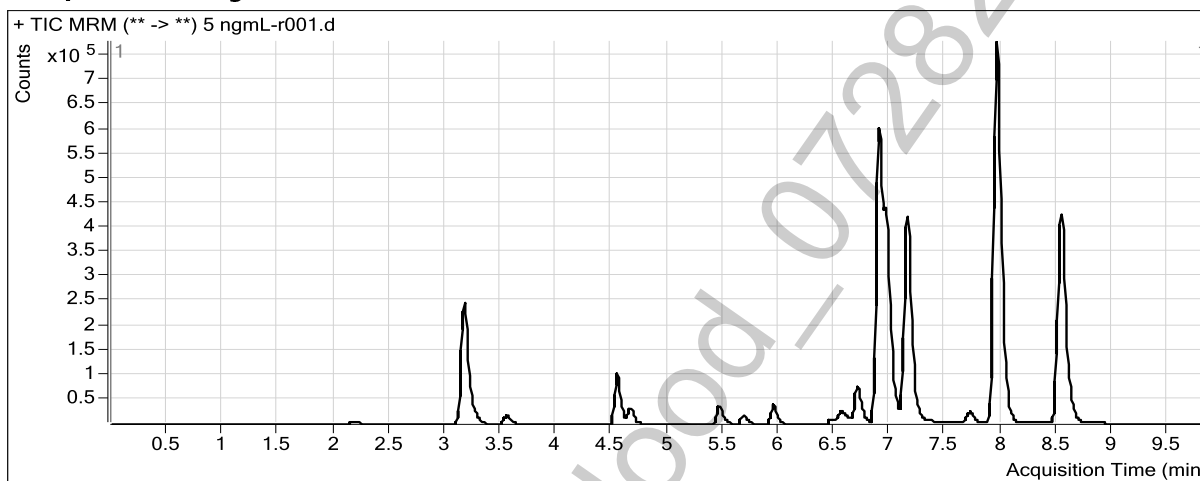
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin
Analysis Time 7/31/2015 8:28 PM **Analyst Name** datastor
Report Time 8/3/2015 9:34 AM **Reporter Name** ISPUser
Last Calib Update 7/31/2015 8:28 PM **Batch State** Processed

Analysis Info

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

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	18940	982422	0.0193	6.3849
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	39020	982422	0.0397	6.2905
zopiclone	Oxazepam D5 ISTD	3.548	45134	1791318	0.0252	7.5108
zolpidem	Oxazepam D5 ISTD	4.541	303168	1791318	0.1692	5.1030
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.662	89222	689253	0.1294	10.3271
quetiapine	Temazepam-D5 ISTD	5.460	95846	3498893	0.0274	7.5144
Midazolam	Clonazepam-D4 ISTD	5.680	57923	1459005	0.0397	0.0000
Flurazepam	Diazepam-D5 ISTD	5.945	132863	1090005	0.1219	6.8999
Nitrazepam	Clonazepam-D4 ISTD	6.562	49454	1459005	0.0339	7.3134
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.744	3449	218149	0.0158	8.5038
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.791	7936	689253	0.0115	9.3765
Oxazepam	Oxazepam D5 ISTD	6.938	71524	1791318	0.0399	7.6823
Nordiazepam	Nordiazepam-D5 ISTD	7.050	49124	689253	0.0713	7.6239
Clonazepam	Clonazepam-D4 ISTD	7.190	34113	1459005	0.0234	8.4443
Lorazepam	Oxazepam D5 ISTD	7.264	11225	1791318	0.0063	6.7616
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.359	19571	218149	0.0897	7.8798
Flunitrazepam	Clonazepam-D4 ISTD	7.712	79590	1459005	0.0546	9.0815
Temazepam	Temazepam-D5 ISTD	8.008	116949	3498893	0.0334	10.5381
Diazepam	Diazepam-D5 ISTD	8.631	46683	1090005	0.0428	7.8965



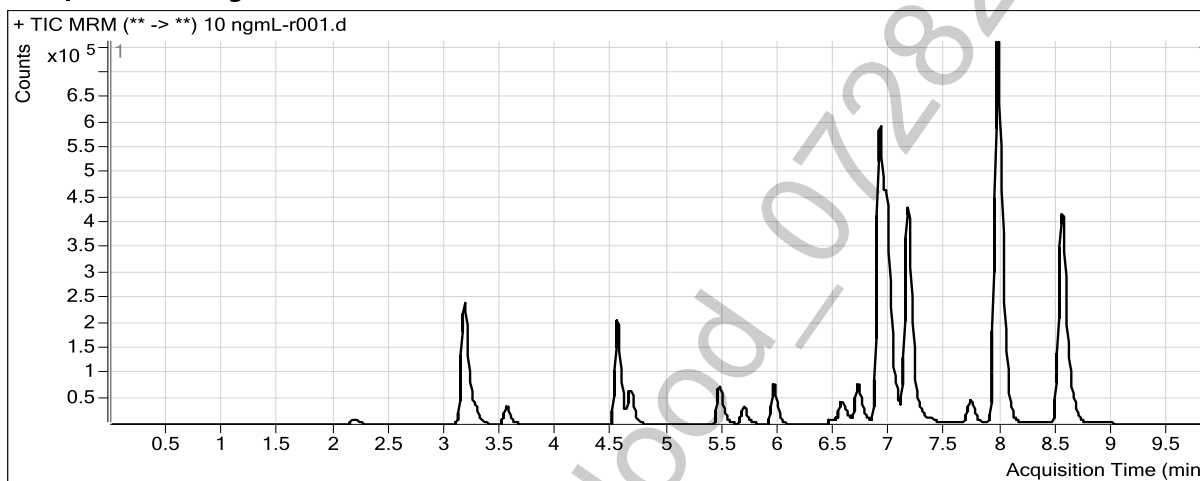
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin
Analysis Time 7/31/2015 8:28 PM **Analyst Name** datastor
Report Time 8/3/2015 9:34 AM **Reporter Name** ISPUser
Last Calib Update 7/31/2015 8:28 PM **Batch State** Processed

Analysis Info

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

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	37736	968558	0.0390	10.1703
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	76317	968558	0.0788	10.2491
zopiclone	Oxazepam D5 ISTD	3.548	90106	1787637	0.0504	11.0366
zolpidem	Oxazepam D5 ISTD	4.541	617949	1787637	0.3457	9.6300
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.662	180849	854819	0.2116	12.2662
quetiapine	Temazepam-D5 ISTD	5.460	198531	3939692	0.0504	11.1834
Midazolam	Clonazepam-D4 ISTD	5.680	114704	1454891	0.0788	5.4465
Flurazepam	Diazepam-D5 ISTD	5.945	260179	1074626	0.2421	10.9219
Nitrazepam	Clonazepam-D4 ISTD	6.571	98189	1454891	0.0675	10.9962
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	6.744	5346	208217	0.0257	10.9047
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.800	15417	854819	0.0180	11.3080
Oxazepam	Oxazepam D5 ISTD	6.947	141271	1787637	0.0790	11.2336
Nordiazepam	Nordiazepam-D5 ISTD	7.058	95349	854819	0.1115	9.8706
Clonazepam	Clonazepam-D4 ISTD	7.198	67530	1454891	0.0464	11.7528
Lorazepam	Oxazepam D5 ISTD	7.272	20836	1787637	0.0117	10.3892
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.367	29891	208217	0.1436	10.5166
Flunitrazepam	Clonazepam-D4 ISTD	7.720	156204	1454891	0.1074	12.3665
Temazepam	Temazepam-D5 ISTD	8.017	220527	3939692	0.0560	12.5227
Diazepam	Diazepam-D5 ISTD	8.639	94942	1074626	0.0883	11.3897



ISP FORENSICS

Pocatello

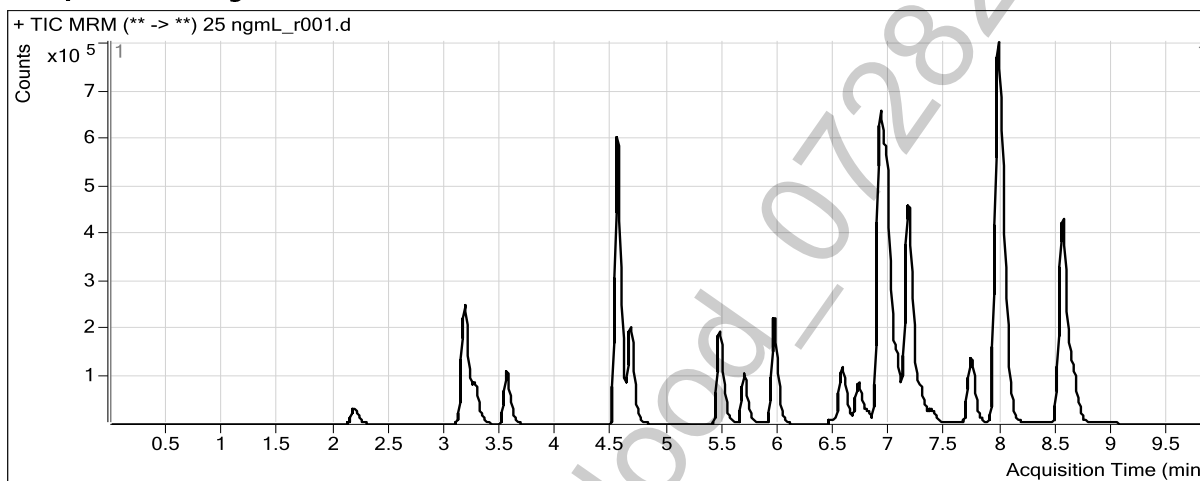
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin
Analysis Time 7/31/2015 8:28 PM **Analyst Name** datastor
Report Time 8/3/2015 9:34 AM **Reporter Name** ISPUser
Last Calib Update 7/31/2015 8:28 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-29 12:10 **Data File** 25 ngmL_r001.d
Sample Type Calibration **Sample Name** 25 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A4 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	115707	1002884	0.1154	24.8806
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	228843	1002884	0.2282	25.4093
zopiclone	Oxazepam D5 ISTD	3.548	282710	1895493	0.1491	24.8393
zolpidem	Oxazepam D5 ISTD	4.541	1820650	1895493	0.9605	25.4482
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.662	561089	744848	0.7533	25.0693
quetiapine	Temazepam-D5 ISTD	5.460	533550	3581130	0.1490	26.9453
Midazolam	Clonazepam-D4 ISTD	5.680	340893	1515203	0.2250	28.2598
Flurazepam	Diazepam-D5 ISTD	5.953	767209	1097991	0.6987	26.2265
Nitrazepam	Clonazepam-D4 ISTD	6.571	307931	1515203	0.2032	25.8953
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.744	18139	268474	0.0676	21.1018
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.791	48443	744848	0.0650	25.2359
Oxazepam	Oxazepam D5 ISTD	6.947	439769	1895493	0.2320	25.1503
Nordiazepam	Nordiazepam-D5 ISTD	7.058	297611	744848	0.3996	25.9607
Clonazepam	Clonazepam-D4 ISTD	7.190	218902	1515203	0.1445	25.8564
Lorazepam	Oxazepam D5 ISTD alphahydroxyalprazolam-D5	7.272	63487	1895493	0.0335	25.1081
Alprazolam	ISTD	7.367	108786	268474	0.4052	23.3462
Flunitrazepam	Clonazepam-D4 ISTD	7.720	483607	1515203	0.3192	25.5586
Temazepam	Temazepam-D5 ISTD	8.017	713854	3581130	0.1993	25.1628
Diazepam	Diazepam-D5 ISTD	8.647	293886	1097991	0.2677	25.1741



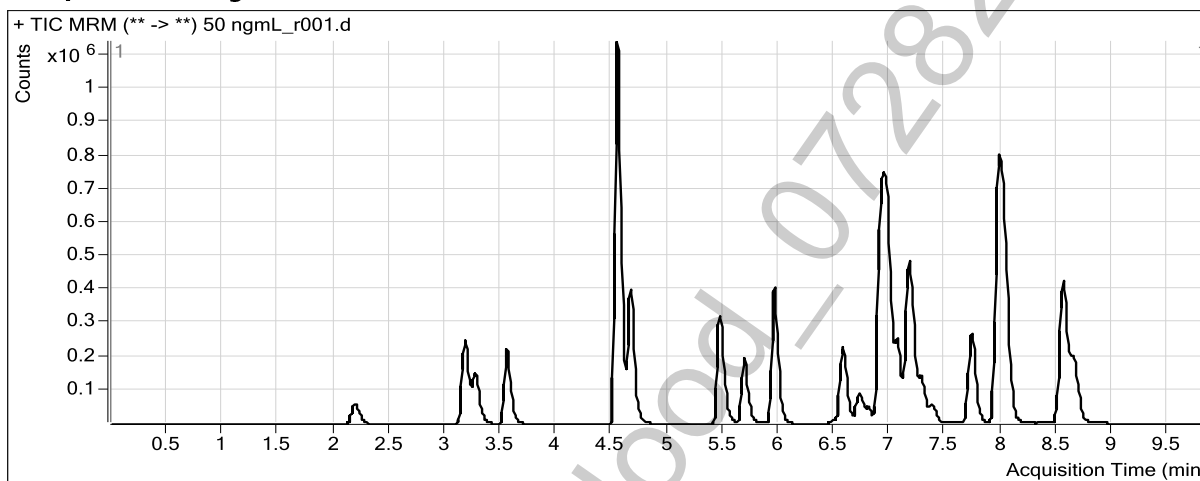
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin
Analysis Time 7/31/2015 8:28 PM **Analyst Name** datastor
Report Time 8/3/2015 9:34 AM **Reporter Name** ISPUser
Last Calib Update 7/31/2015 8:28 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-29 12:25 **Data File** 50 ngmL_r001.d
Sample Type Calibration **Sample Name** 50 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A5 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.192	221232	994771	0.2224	45.5221
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.278	445578	994771	0.4479	47.7828
zopiclone	Oxazepam D5 ISTD	3.548	567134	1874964	0.3025	46.2480
zolpidem	Oxazepam D5 ISTD	4.541	3419944	1874964	1.8240	47.7769
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.662	1109491	736874	1.5057	42.8807
quetiapine	Temazepam-D5 ISTD	5.460	881652	3404212	0.2590	44.5940
Midazolam	Clonazepam-D4 ISTD	5.680	633079	1482510	0.4270	59.8433
Flurazepam	Diazepam-D5 ISTD	5.953	1409847	1097112	1.2851	45.9427
Nitrazepam	Clonazepam-D4 ISTD	6.571	599445	1482510	0.4043	48.0244
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.752	42550	271644	0.1566	42.7850
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.800	97583	736874	0.1324	45.2191
Oxazepam	Oxazepam D5 ISTD	6.947	860326	1874964	0.4588	45.8496
Nordiazepam	Nordiazepam-D5 ISTD	7.067	580843	736874	0.7883	47.7367
Clonazepam	Clonazepam-D4 ISTD	7.198	419483	1482510	0.2830	45.8306
Lorazepam	Oxazepam D5 ISTD	7.281	121983	1874964	0.0651	46.4349
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.376	212366	271644	0.7818	41.8597
Flunitrazepam	Clonazepam-D4 ISTD	7.729	922283	1482510	0.6221	44.4776
Temazepam	Temazepam-D5 ISTD	8.025	1370006	3404212	0.4024	43.1408
Diazepam	Diazepam-D5 ISTD	8.647	569014	1097112	0.5186	44.5345



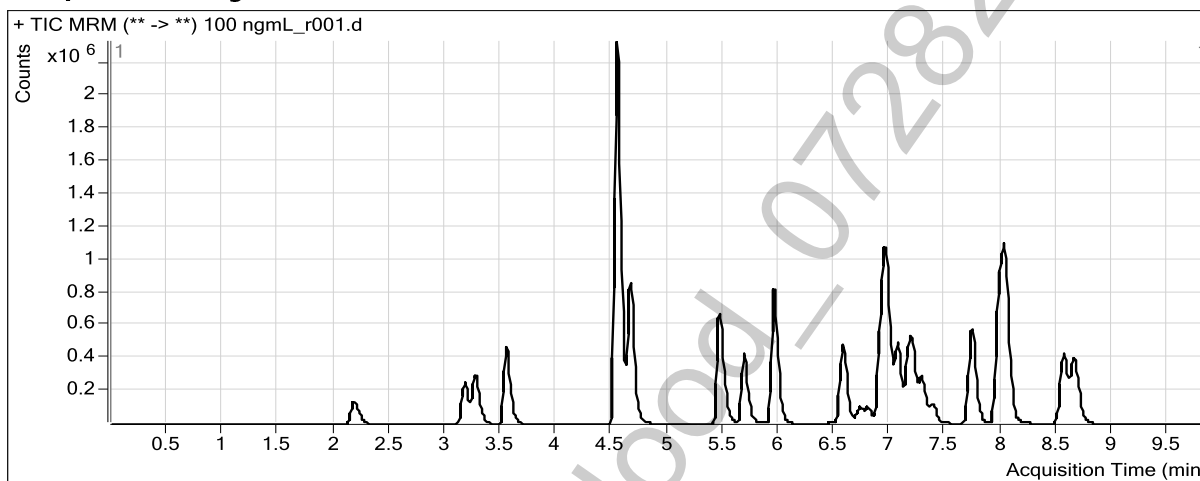
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin
Analysis Time 7/31/2015 8:28 PM **Analyst Name** datastor
Report Time 8/3/2015 9:34 AM **Reporter Name** ISPUser
Last Calib Update 7/31/2015 8:28 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-29 12:39 **Data File** 100 ngmL_r001.d
Sample Type Calibration **Sample Name** 100 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A6 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	507207	988107	0.5133	101.8639
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	966446	988107	0.9781	102.1367
zopiclone	Oxazepam D5 ISTD	3.548	1227787	1798264	0.6828	99.2192
zolpidem	Oxazepam D5 ISTD	4.541	7212508	1798264	4.0108	104.9323
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.662	2398845	698421	3.4347	88.7066
quetiapine	Temazepam-D5 ISTD	5.460	1850414	3395353	0.5450	90.8006
Midazolam	Clonazepam-D4 ISTD	5.680	1311600	1647013	0.7964	117.7026
Flurazepam	Diazepam-D5 ISTD	5.953	2911662	1093828	2.6619	92.5340
Nitrazepam	Clonazepam-D4 ISTD	6.571	1296014	1647013	0.7869	90.2950
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.752	78761	208651	0.3775	96.5435
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.800	212198	698421	0.3038	96.1189
Oxazepam	Oxazepam D5 ISTD	6.955	1809610	1798264	1.0063	96.1227
Nordiazepam	Nordiazepam-D5 ISTD	7.067	1242972	698421	1.7797	103.6059
Clonazepam	Clonazepam-D4 ISTD	7.206	906938	1647013	0.5507	84.6291
Lorazepam	Oxazepam D5 ISTD	7.281	266702	1798264	0.1483	102.9853
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.376	426286	208651	2.0431	104.2857
Flunitrazepam	Clonazepam-D4 ISTD	7.729	2024998	1647013	1.2295	82.5921
Temazepam	Temazepam-D5 ISTD	8.025	2990741	3395353	0.8808	85.8164
Diazepam	Diazepam-D5 ISTD	8.656	1277021	1093828	1.1675	94.9437



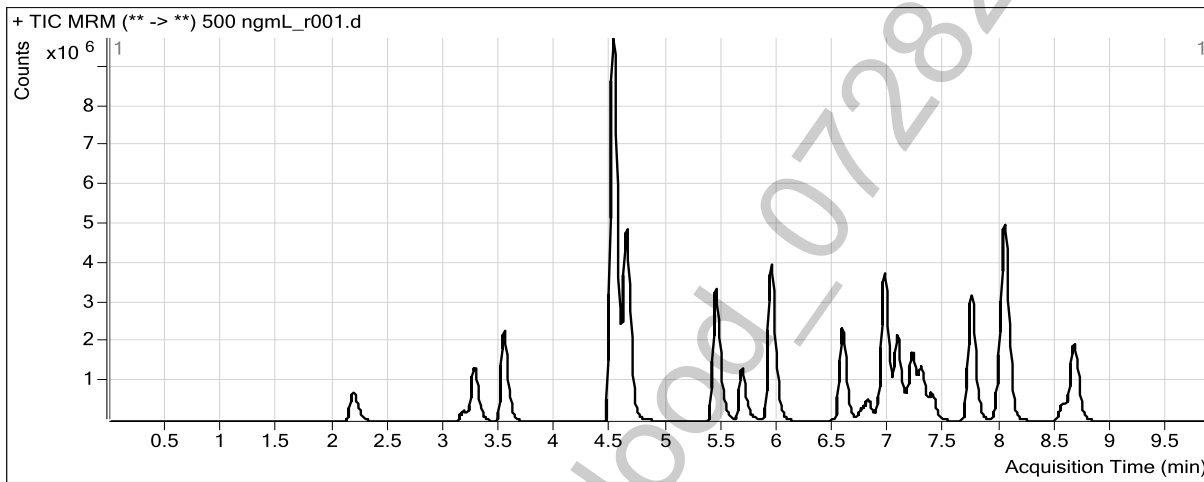
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin
Analysis Time 7/31/2015 8:28 PM **Analyst Name** datastor
Report Time 8/3/2015 9:34 AM **Reporter Name** ISPUser
Last Calib Update 7/31/2015 8:28 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-29 12:54 **Data File** 500 ngmL_r001.d
Sample Type Calibration **Sample Name** 500 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A7 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	2656647	1041473	2.5509	506.4707
7-Aminoflunitrazepam	ISTD	3.270	4679714	1041473	4.4934	477.0240
zopiclone	Oxazepam D5 ISTD	3.531	6206873	1804764	3.4392	477.9301
zolpidem	Oxazepam D5 ISTD	4.516	34411146	1804764	19.0668	525.6010
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.637	15090750	736352	20.4939	504.5290
quetiapine	Temazepam-D5 ISTD	5.435	10069603	3528329	2.8539	482.6178
Midazolam	Clonazepam-D4 ISTD	5.672	4642854	1494364	3.1069	483.5536
Flurazepam	Diazepam-D5 ISTD	5.928	15834864	1113795	14.2170	501.2089
Nitrazepam	Clonazepam-D4 ISTD	6.579	6344650	1494364	4.2457	483.8207
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.760	533660	223561	2.3871	585.7415
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.808	1169801	736352	1.5886	481.2025
Oxazepam	Oxazepam D5 ISTD	6.955	9019079	1804764	4.9974	477.3473
Nordiazepam	Nordiazepam-D5 ISTD	7.075	6104417	736352	8.2901	482.9283
Clonazepam	Clonazepam-D4 ISTD	7.206	4988105	1494364	3.3379	504.4218
Lorazepam	Oxazepam D5 ISTD	7.289	1283338	1804764	0.7111	497.4841
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.384	2482548	223561	11.1046	573.6061
Flunitrazepam	Clonazepam-D4 ISTD	7.737	11308105	1494364	7.5672	495.9897
Temazepam	Temazepam-D5 ISTD	8.034	18171193	3528329	5.1501	489.9389
Diazepam	Diazepam-D5 ISTD	8.656	6846686	1113795	6.1472	500.9679



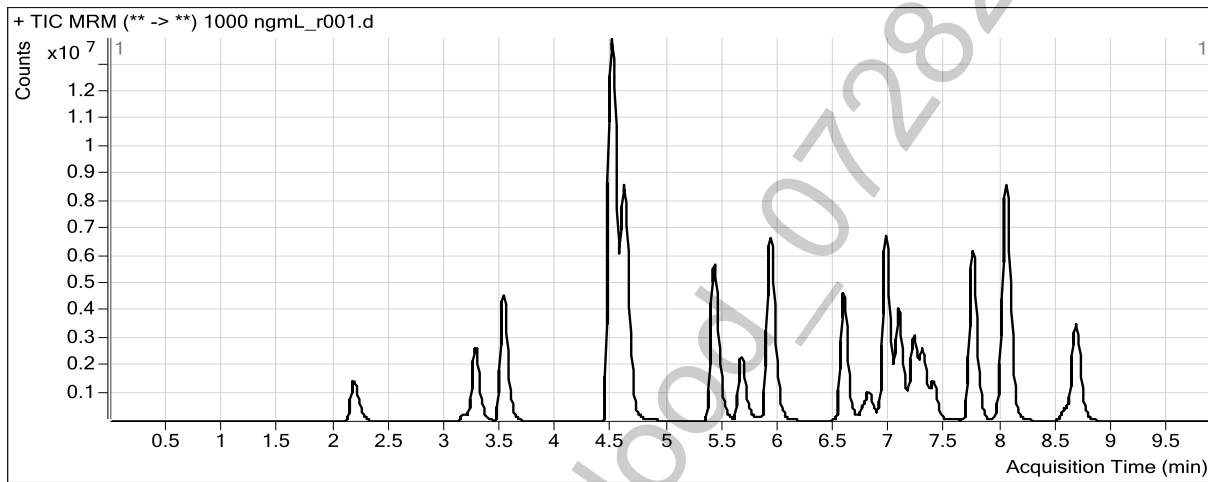
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin
Analysis Time 7/31/2015 8:28 PM **Analyst Name** datastor
Report Time 8/3/2015 9:34 AM **Reporter Name** ISPUser
Last Calib Update 7/31/2015 8:28 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-29 13:09 **Data File** 1000 ngmL_r001.d
Sample Type Calibration **Sample Name** 1000 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A8 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	5420114	1025913	5.2832	1079.8674
7-Aminoflunitrazepam	ISTD	3.270	9475848	1025913	9.2365	1031.0511
zopiclone	Oxazepam D5 ISTD	3.515	13297998	1752294	7.5889	1031.7583
zolpidem	Oxazepam D5 ISTD	4.491	57161941	1752294	32.6212	957.4977
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.612	28308387	698440	40.5309	1020.0258
quetiapine	Temazepam-D5 ISTD	5.410	18722010	3223036	5.8088	1045.8532
Midazolam	Clonazepam-D4 ISTD	5.655	8985618	1453835	6.1806	981.0773
Flurazepam	Diazepam-D5 ISTD	5.911	29832404	1088383	27.4098	1014.7929
Nitrazepam	Clonazepam-D4 ISTD	6.579	12797138	1453835	8.8023	1037.9639
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	6.760	1151199	260042	4.4270	1082.3094
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.808	2374010	698440	3.3990	1034.8370
Oxazepam	Oxazepam D5 ISTD	6.963	18221956	1752294	10.3989	1043.2042
Nordiazepam	Nordiazepam-D5 ISTD	7.075	11764686	698440	16.8442	1019.6728
Clonazepam	Clonazepam-D4 ISTD	7.206	9456141	1453835	6.5043	1022.8555
Lorazepam	Oxazepam D5 ISTD	7.289	2430489	1752294	1.3870	1003.6417
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.384	5022734	260042	19.3151	1036.5437
Flunitrazepam	Clonazepam-D4 ISTD	7.737	22110750	1453835	15.2086	1039.9626
Temazepam	Temazepam-D5 ISTD	8.042	33156048	3223036	10.2872	1050.0993
Diazepam	Diazepam-D5 ISTD	8.664	12865326	1088383	11.8206	1014.7860



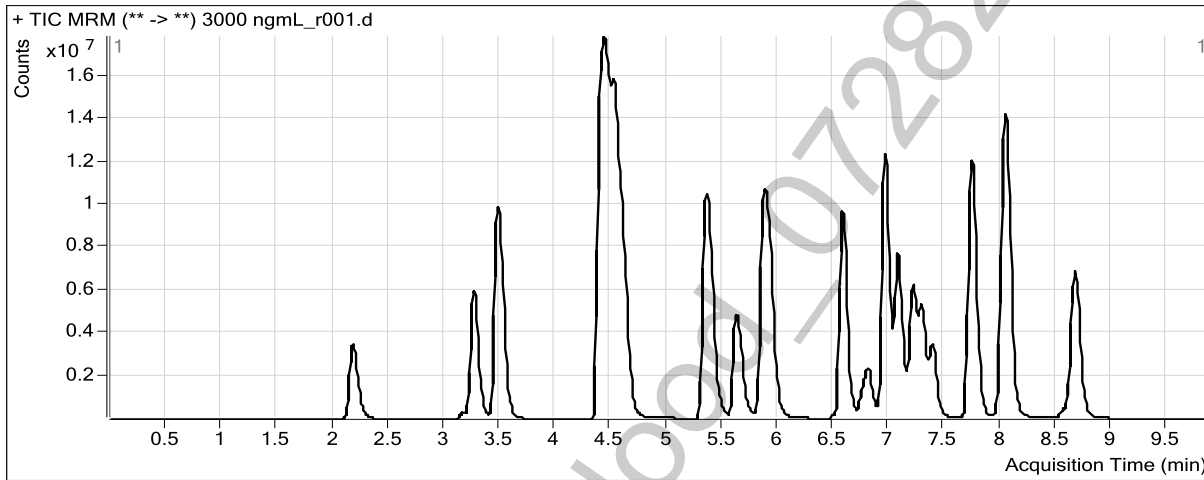
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin
Analysis Time 7/31/2015 8:28 PM **Analyst Name** datastor
Report Time 8/3/2015 9:34 AM **Reporter Name** ISPUser
Last Calib Update 7/31/2015 8:28 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-29 13:23 **Data File** 3000 ngmL_r001.d
Sample Type Calibration **Sample Name** 3000 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A9 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.182	12978092	1020306	12.7198	2891.3700
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.270	22121526	1020306	21.6813	2989.2655
zopiclone	Oxazepam D5 ISTD	3.481	33979515	1450542	23.4254	2993.7988
zolpidem	Oxazepam D5 ISTD	4.433	102779504	1450542	70.8559	3033.1955
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.554	59130533	558940	105.7905	2990.8306
quetiapine	Temazepam-D5 ISTD	5.351	36136625	2851300	12.6737	2974.8437
Midazolam	Clonazepam-D4 ISTD	5.621	22376728	1250442	17.8951	3009.2967
Flurazepam	Diazepam-D5 ISTD	5.878	63314313	983531	64.3745	2991.1453
Nitrazepam	Clonazepam-D4 ISTD	6.579	27397799	1250442	21.9105	2986.6767
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.760	3363887	275997	12.1881	2971.6027
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.808	5280890	558940	9.4480	2991.0264
Oxazepam	Oxazepam D5 ISTD	6.963	35067857	1450542	24.1757	2982.6785
Nordiazepam	Nordiazepam-D5 ISTD	7.083	23296138	558940	41.6792	2994.5356
Clonazepam	Clonazepam-D4 ISTD	7.215	19676595	1250442	15.7357	2987.3665
Lorazepam	Oxazepam D5 ISTD	7.289	5144625	1450542	3.5467	2998.8195
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.384	12202729	275997	44.2133	2822.0971
Flunitrazepam	Clonazepam-D4 ISTD	7.737	45022685	1250442	36.0054	2980.4966
Temazepam	Temazepam-D5 ISTD	8.042	59817665	2851300	20.9791	2957.7702
Diazepam	Diazepam-D5 ISTD	8.664	26649399	983531	27.0956	2990.2251



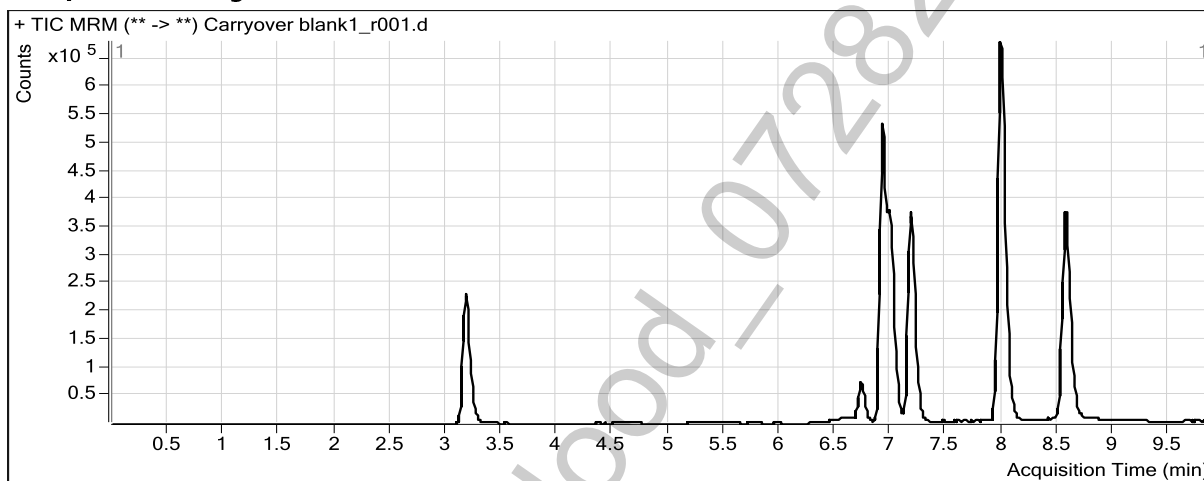
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin		
Analysis Time	7/31/2015 8:28 PM	Analyst Name	datastor
Report Time	8/3/2015 9:34 AM	Reporter Name	ISPUser
Last Calib Update	7/31/2015 8:28 PM	Batch State	Processed

Analysis Info

Acq Time	2015-07-29 13:38	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





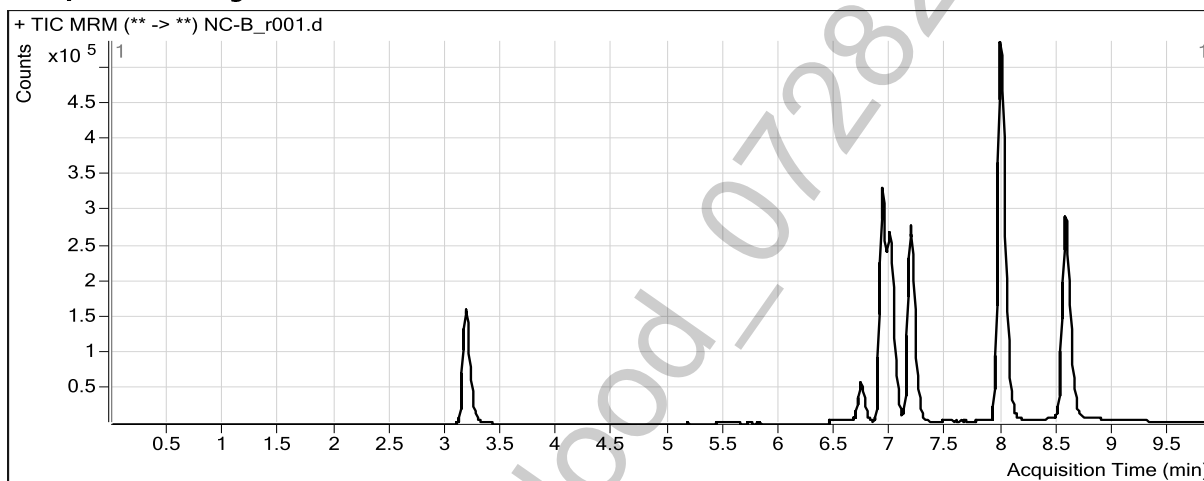
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

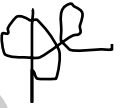
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Report Time	8/3/2015 9:34 AM	Reporter Name	ISPUser
Last Calib Update	7/31/2015 8:28 PM	Batch State	Processed

Analysis Info

Acq Time	2015-07-29 13:52	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





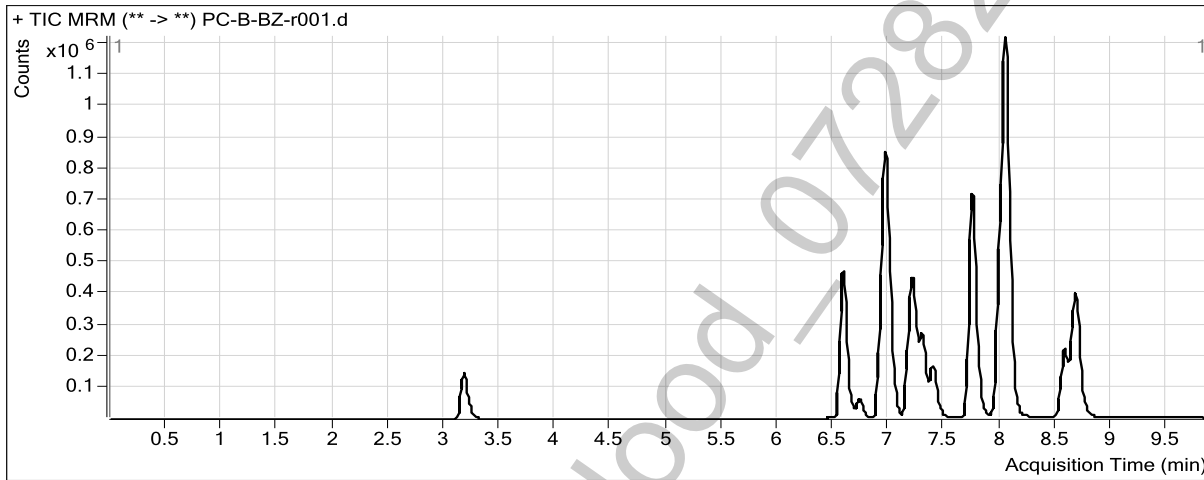
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin
Analysis Time 7/31/2015 8:28 PM **Analyst Name** datastor
Report Time 8/3/2015 9:34 AM **Reporter Name** ISPUser
Last Calib Update 7/31/2015 8:28 PM **Batch State** Processed

Analysis Info

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

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nitrazepam	Clonazepam-D4 ISTD	6.579	1299677	845334	1.5375	173.9293
Oxazepam	Oxazepam D5 ISTD	6.963	1715073	957666	1.7909	168.9733
Clonazepam	Clonazepam-D4 ISTD	7.215	1065869	845334	1.2609	188.7878
Lorazepam	Oxazepam D5 ISTD	7.289	242046	957666	0.2527	174.5545
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.392	623318	201833	3.0883	156.5185
Flunitrazepam	Clonazepam-D4 ISTD	7.737	2518549	845334	2.9794	193.7947
Temazepam	Temazepam-D5 ISTD	8.042	3963729	2061742	1.9225	180.4156
Diazepam	Diazepam-D5 ISTD	8.672	1356045	570459	2.3771	190.3600



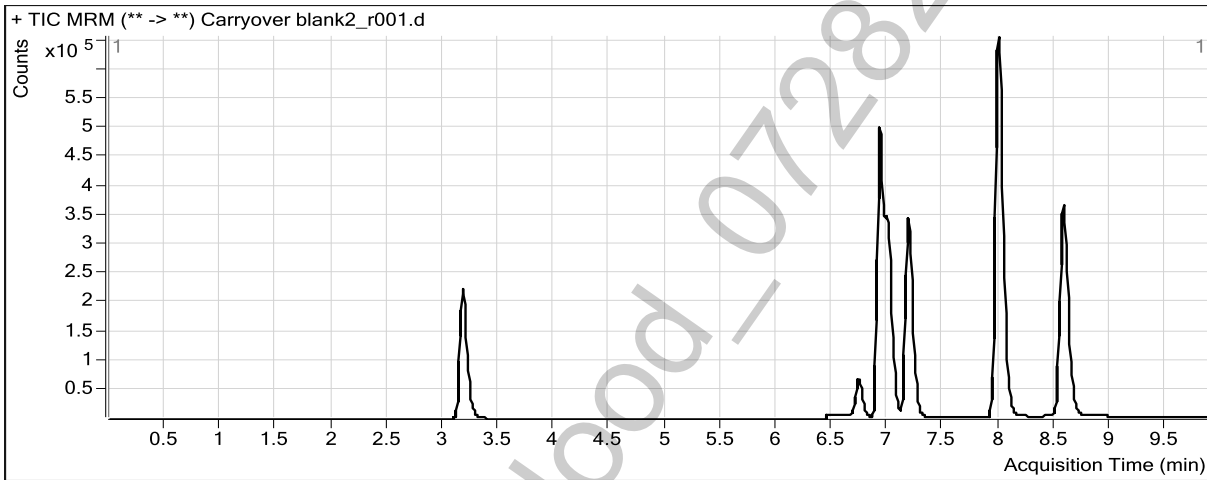
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin		
Analysis Time	7/31/2015 8:28 PM	Analyst Name	datastor
Report Time	8/3/2015 9:34 AM	Reporter Name	ISPUser
Last Calib Update	7/31/2015 8:28 PM	Batch State	Processed

Analysis Info

Acq Time	2015-07-29 14:22	Data File	Carryover blank2_r001.d
Sample Type	Blank	Sample Name	Blank
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP.m
Position	P1-A1	Sample Info	
Inj Vol	-1	Comment	AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram





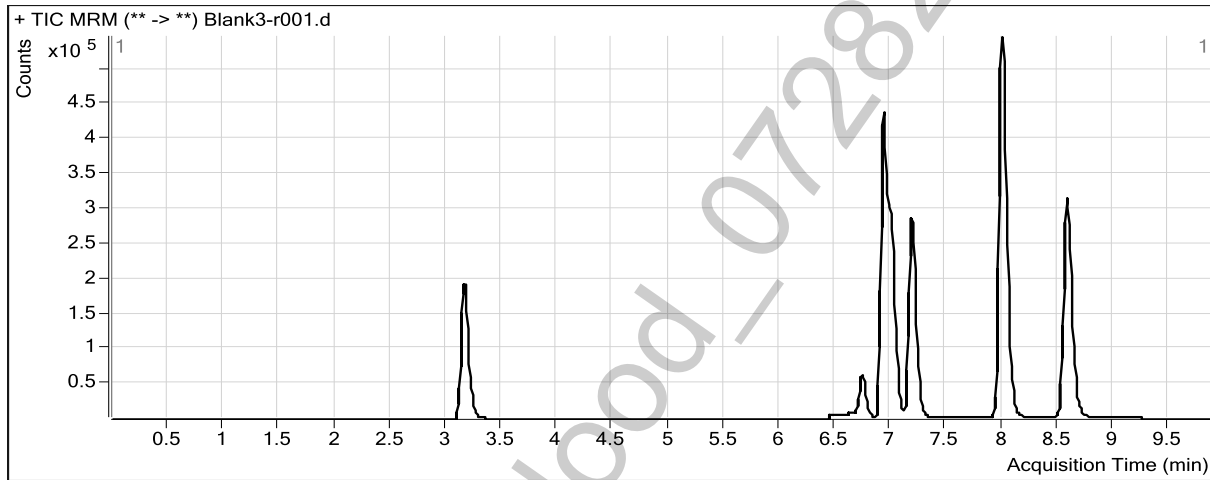
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin		
Analysis Time	7/31/2015 8:28 PM	Analyst Name	datastor
Report Time	8/3/2015 9:34 AM	Reporter Name	ISPUser
Last Calib Update	7/31/2015 8:28 PM	Batch State	Processed

Analysis Info

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

Sample Chromatogram





ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\BZ\BZ-B-072815\QuantResults\BZ-B-072815.batch.bin		
Analysis Time	7/31/2015 8:28 PM	Analyst Name	datastor
Report Time	8/3/2015 9:34 AM	Reporter Name	ISPUser
Last Calib Update	7/31/2015 8:28 PM	Batch State	Processed

Analysis Info

Acq Time	2015-07-29 22:39	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

