








**Worklist: 2305**

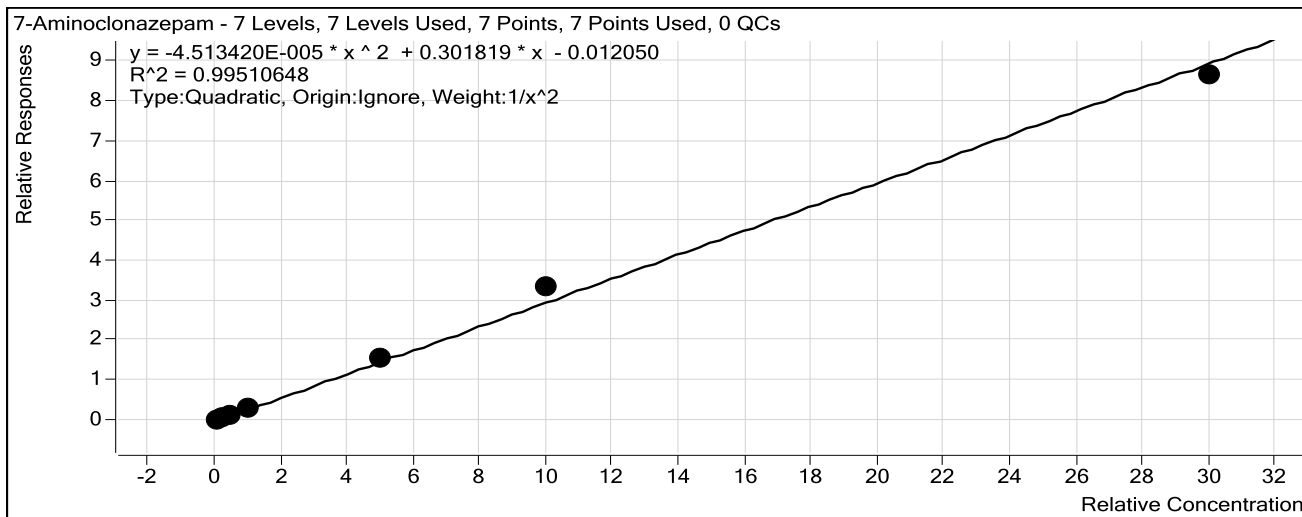
<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
P2018-0736	1	111999	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-0741	1	112000	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-0742	1	112001	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-0841	1	112002	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-0853	1	112003	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-0894	1	111997	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-0932	1	112004	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



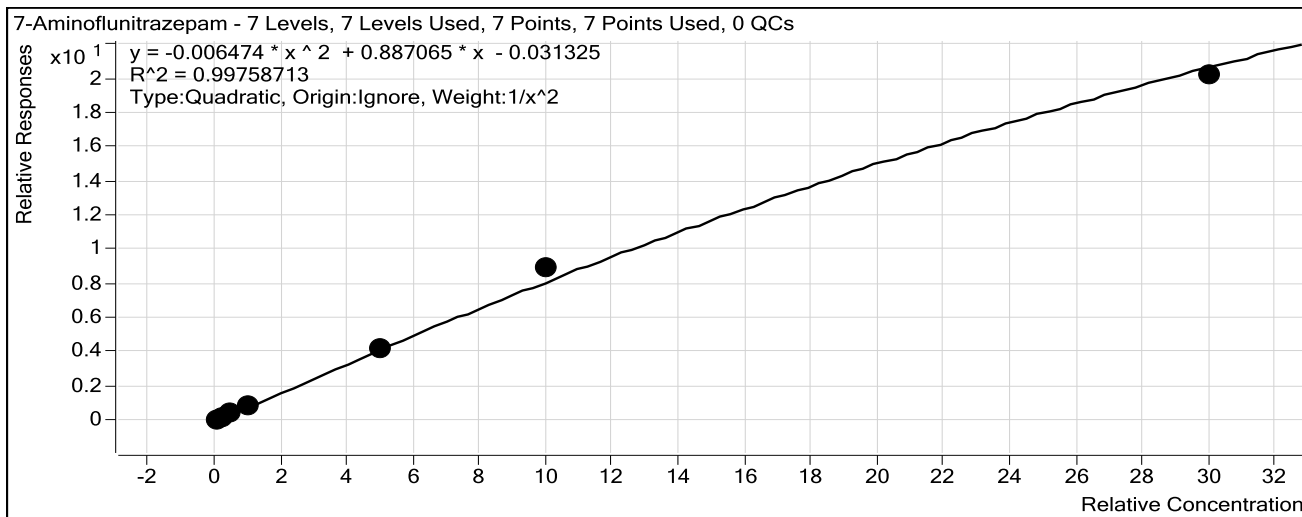
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.2	102.2
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.6	98.4
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.5	93.1
100 ng/mL	4	<input checked="" type="checkbox"/>	100	96.8	96.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	509.5	101.9
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1117.0	111.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2879.7	96.0

# ISP Forensics Calibration Curve Report

CG

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



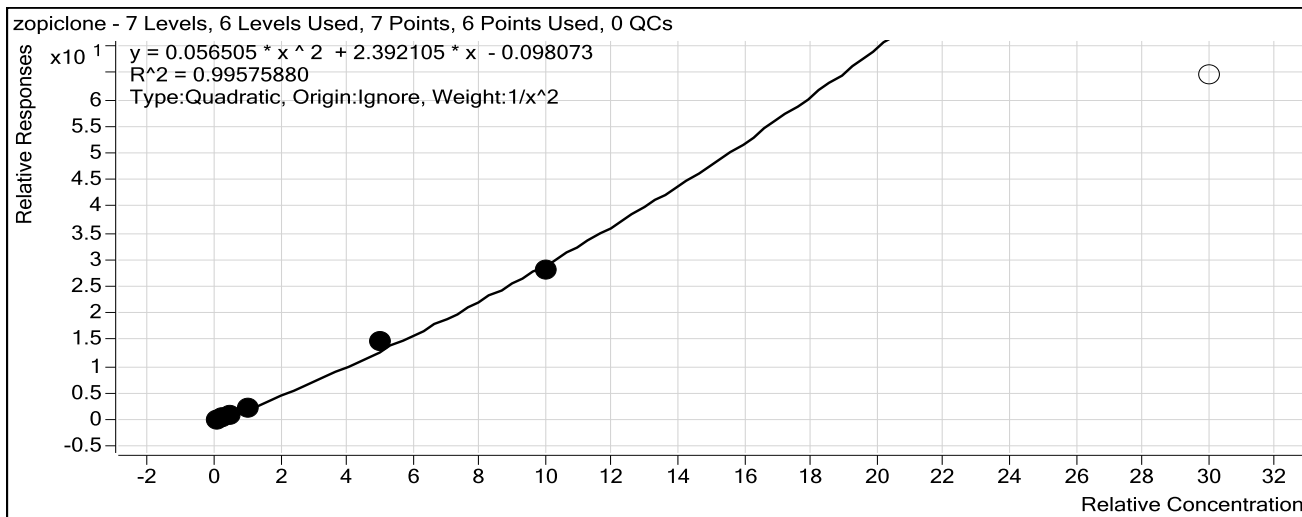
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.0	100.2
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.5	102.2
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.8	95.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	97.6	97.6
500 ng/mL	5	<input checked="" type="checkbox"/>	500	493.7	98.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1090.8	109.1
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2882.3	96.1

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



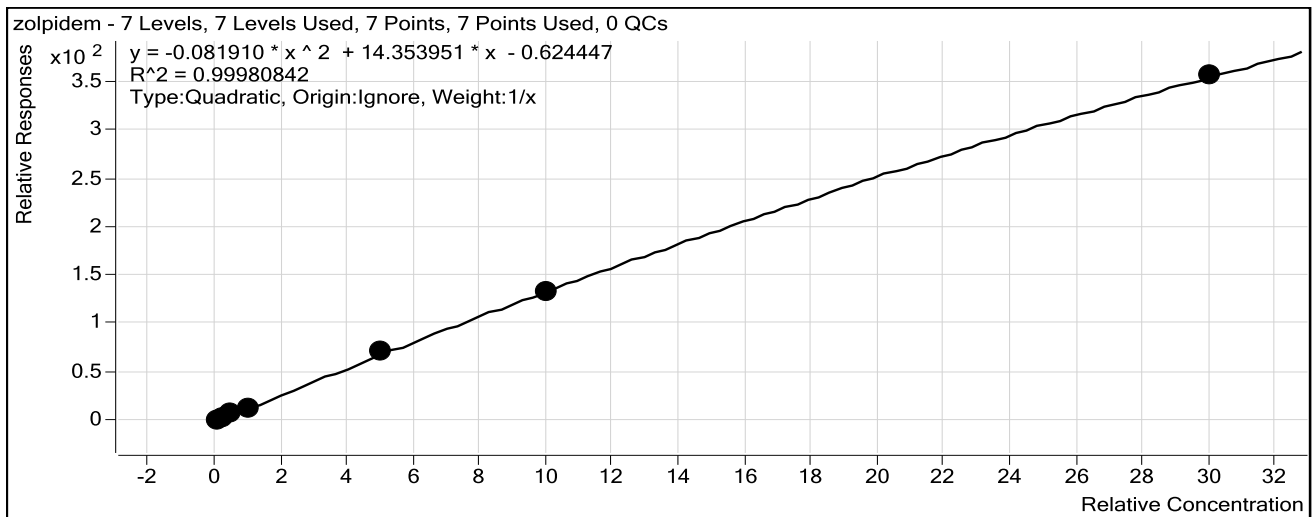
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.1	100.8
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.3	101.2
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.8	93.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	98.8	98.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	543.1	108.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	966.2	96.6
3000 ng/mL	7	<input type="checkbox"/>	3000	1873.3	62.4

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



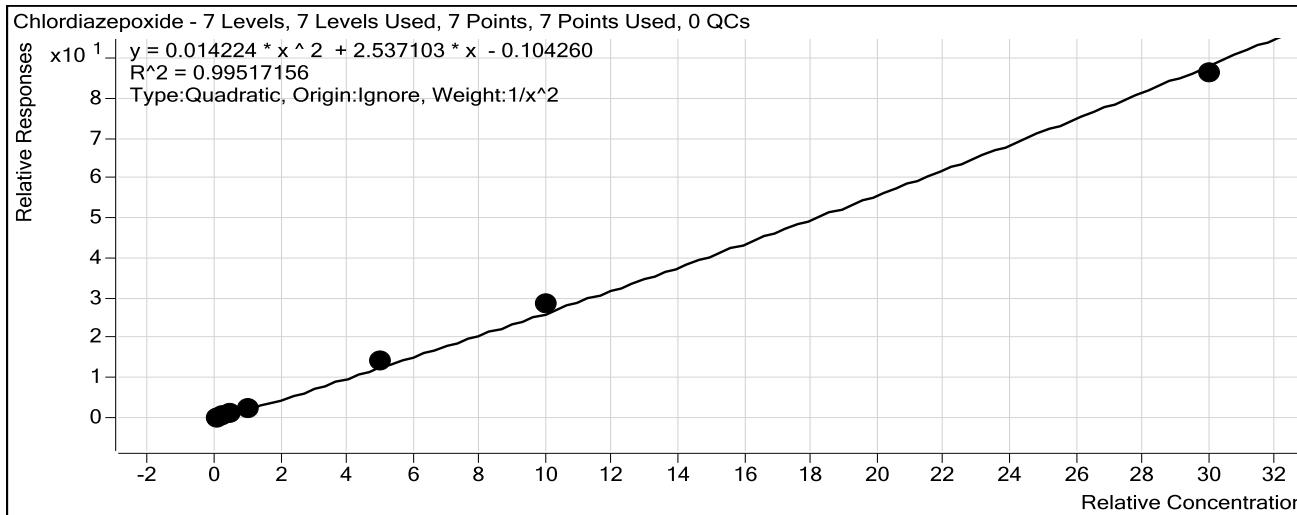
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.6	106.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.4	101.8
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.5	93.1
100 ng/mL	4	<input checked="" type="checkbox"/>	100	97.2	97.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	511.7	102.3
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	992.8	99.3
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3000.6	100.0

# ISP Forensics Calibration Curve Report

CJ

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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

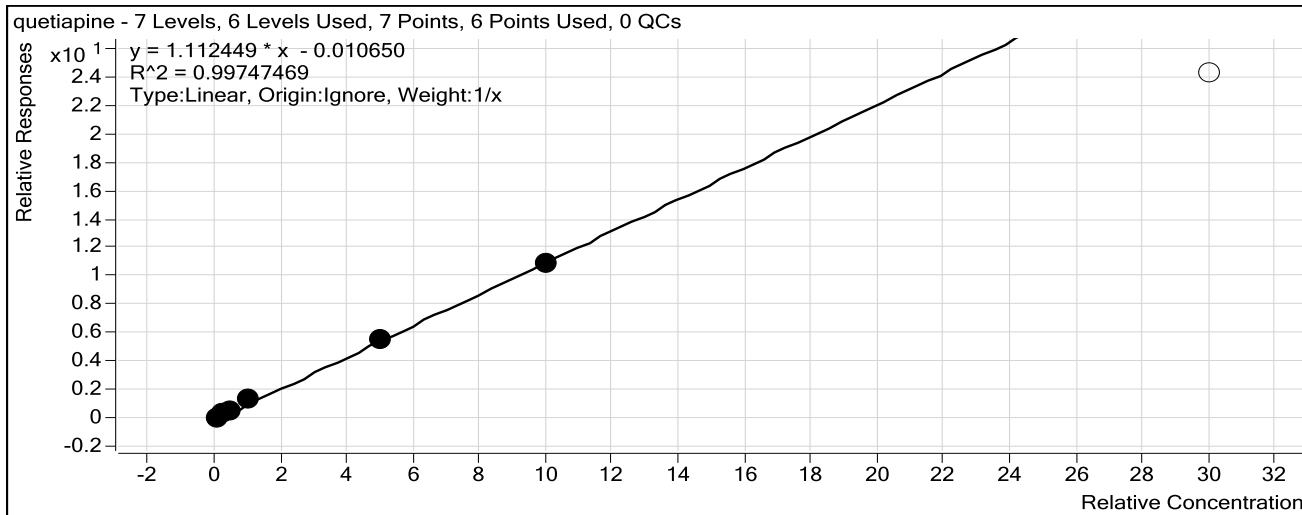


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.3	102.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.6	98.5
50 ng/mL	3	<input checked="" type="checkbox"/>	50	45.5	91.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	95.8	95.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	542.6	108.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1059.2	105.9
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2923.2	97.4

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



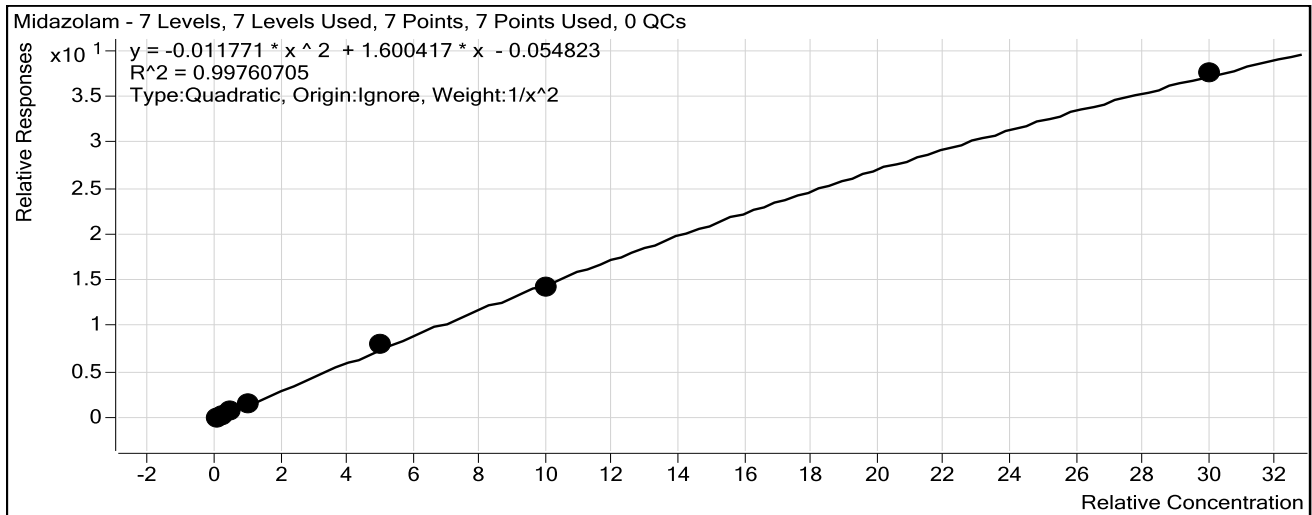
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	7.9	79.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	27.2	108.7
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.4	96.8
100 ng/mL	4	<input checked="" type="checkbox"/>	100	116.3	116.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	504.4	100.9
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	980.8	98.1
3000 ng/mL	7	<input type="checkbox"/>	3000	2180.9	72.7

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.9	98.8
25 ng/mL	2	<input checked="" type="checkbox"/>	25	26.5	106.0
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.1	94.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	99.2	99.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	522.0	104.4
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	969.9	97.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3013.7	100.5

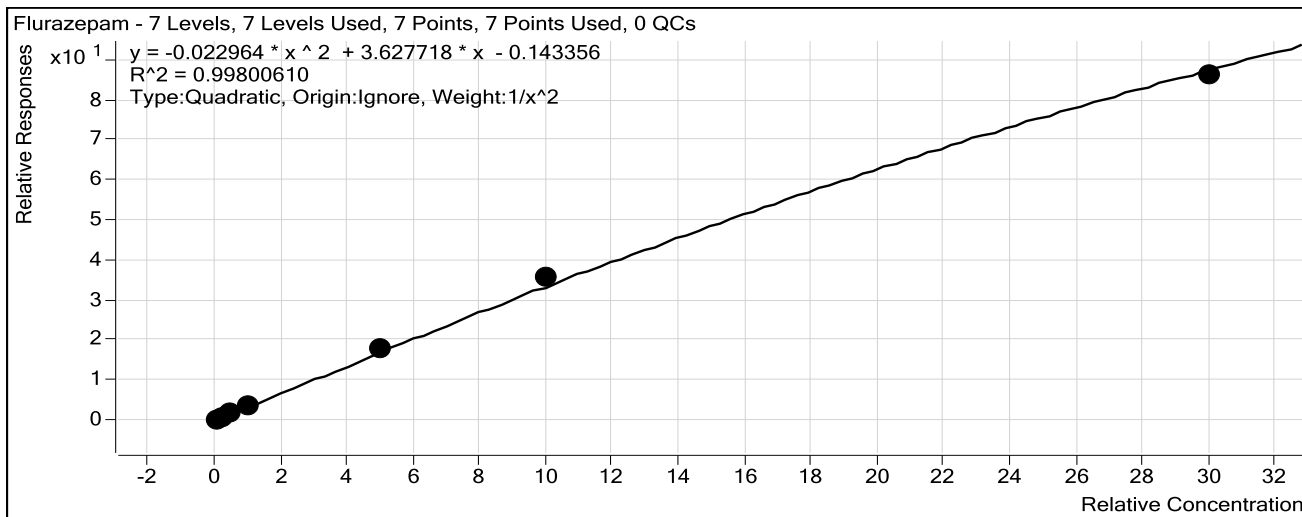


# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



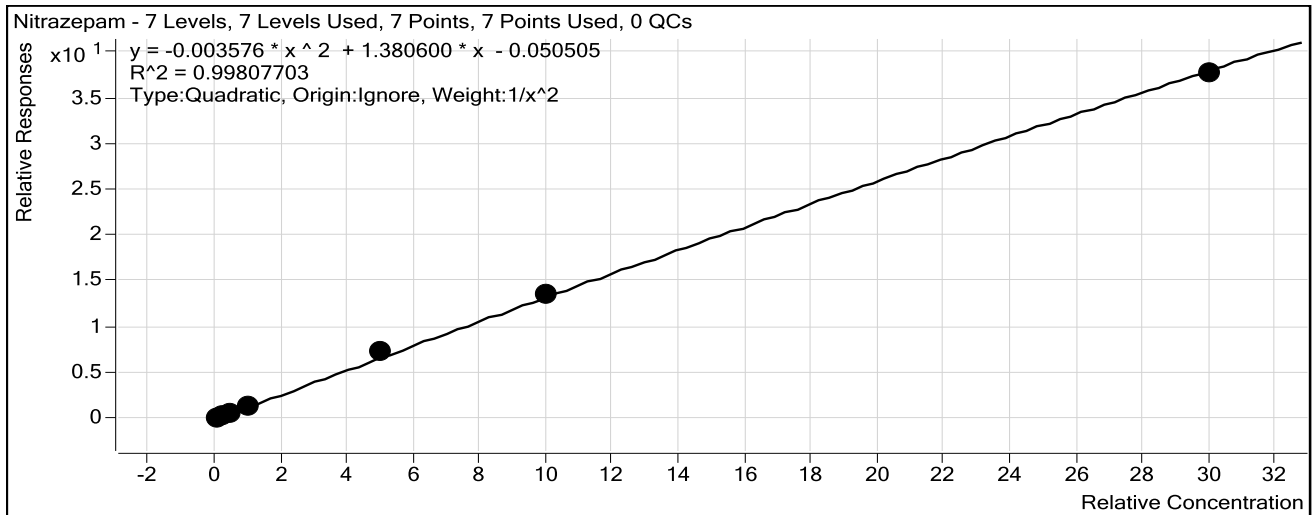
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.1	100.7
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.3	101.3
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.6	93.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	100.4	100.4
500 ng/mL	5	<input checked="" type="checkbox"/>	500	504.6	100.9
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1060.2	106.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2913.5	97.1

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



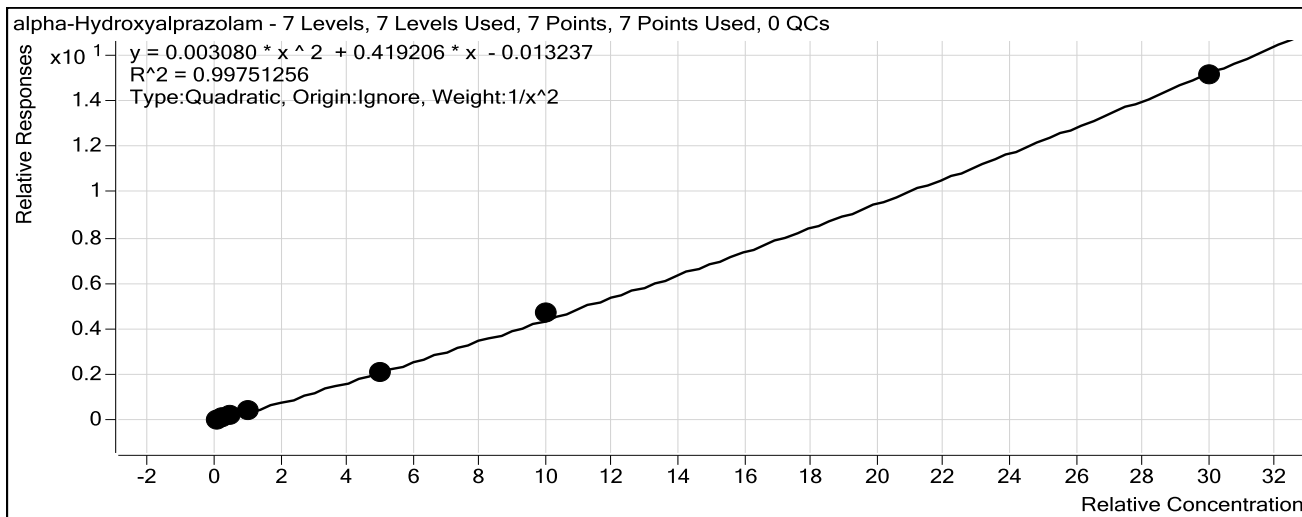
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.1	100.7
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.4	101.5
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.0	94.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	97.8	97.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	530.8	106.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1012.8	101.3
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2955.8	98.5

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



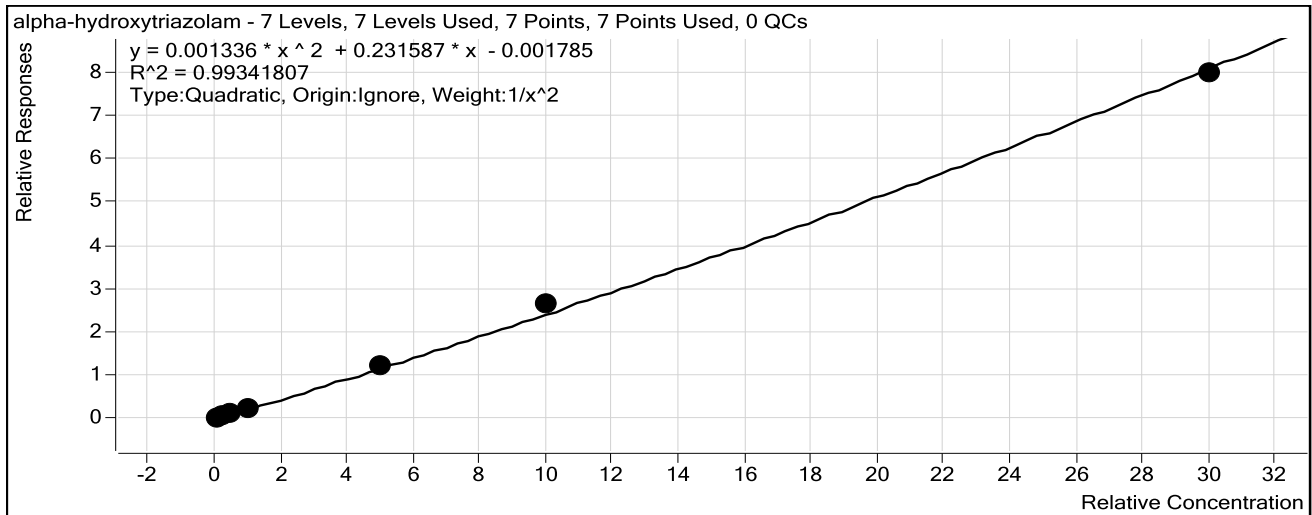
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.3	102.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.4	93.4
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.0	97.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	105.0	105.0
500 ng/mL	5	<input checked="" type="checkbox"/>	500	483.9	96.8
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1052.4	105.2
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2968.3	98.9

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



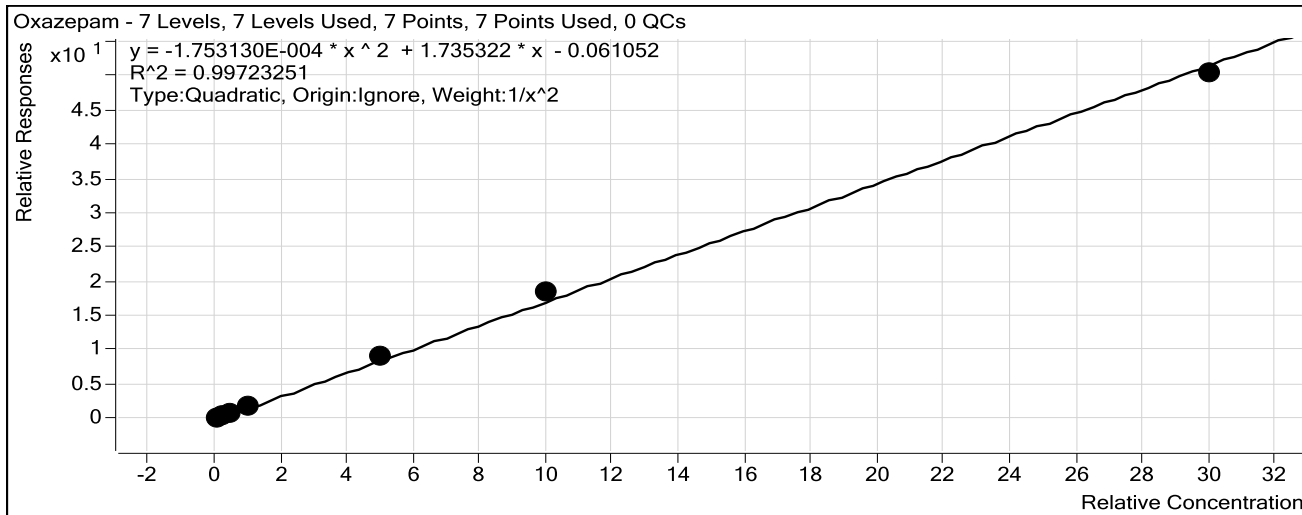
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.7	97.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	28.0	112.0
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.0	91.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	92.7	92.7
500 ng/mL	5	<input checked="" type="checkbox"/>	500	502.8	100.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1069.4	106.9
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2946.4	98.2

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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

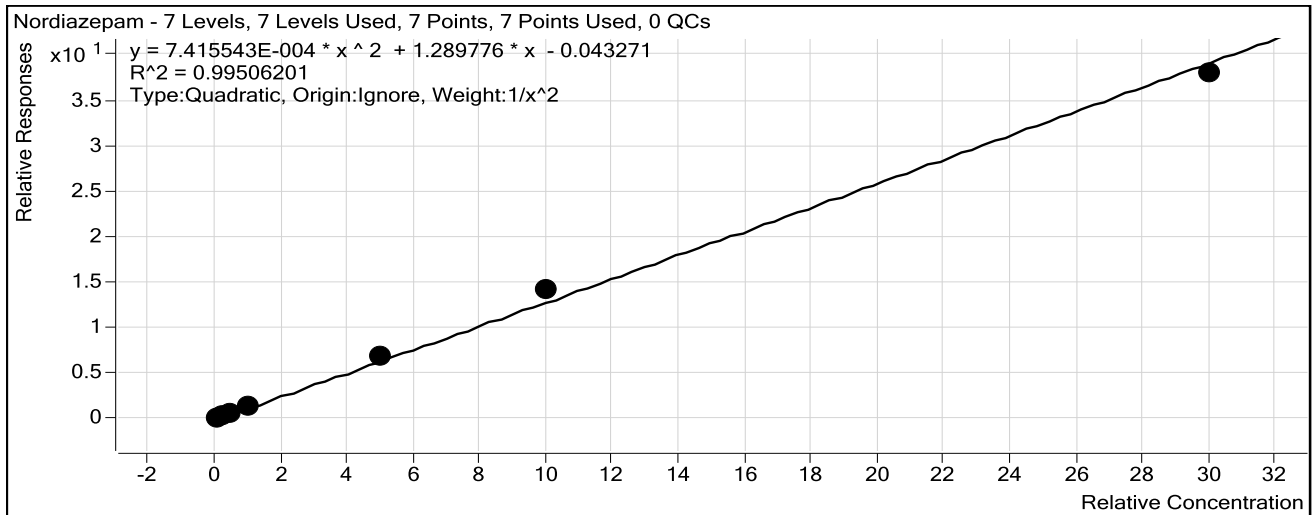


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.2	101.8
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.6	98.4
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.1	96.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	94.8	94.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	524.8	105.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1067.4	106.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2914.8	97.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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

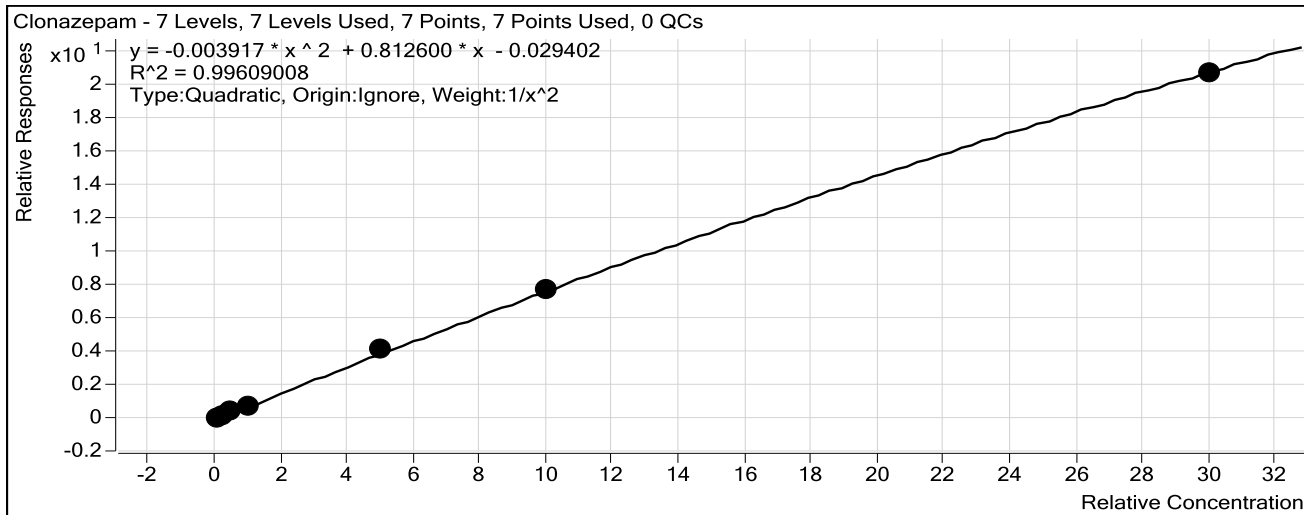


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.1	101.0
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.5	102.1
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.5	93.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	93.2	93.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	524.2	104.8
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1093.0	109.3
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2894.8	96.5

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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

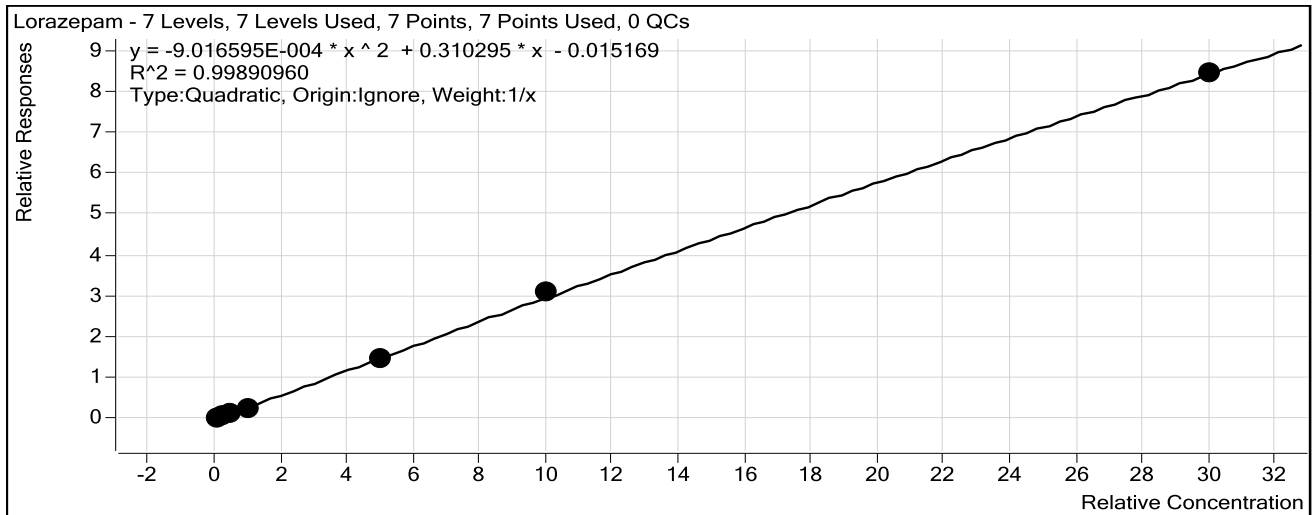


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.8	98.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	27.1	108.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.6	93.3
100 ng/mL	4	<input checked="" type="checkbox"/>	100	95.5	95.5
500 ng/mL	5	<input checked="" type="checkbox"/>	500	523.2	104.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1007.7	100.8
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2967.5	98.9

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	11.4	114.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.8	103.0
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.0	95.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	86.2	86.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	484.3	96.9
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1041.2	104.1
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2988.0	99.6

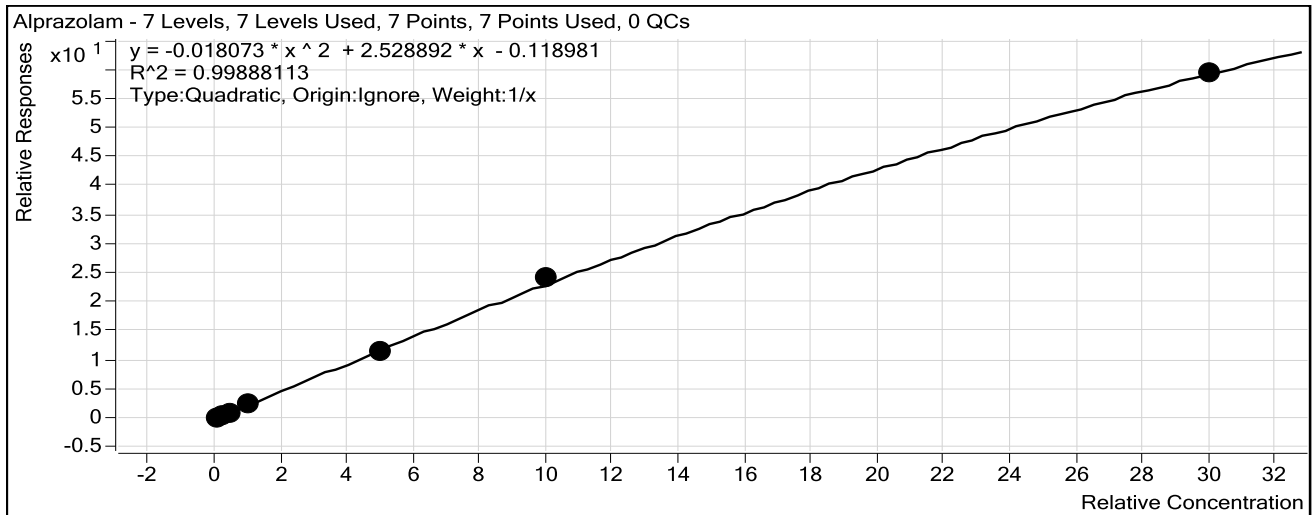


# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



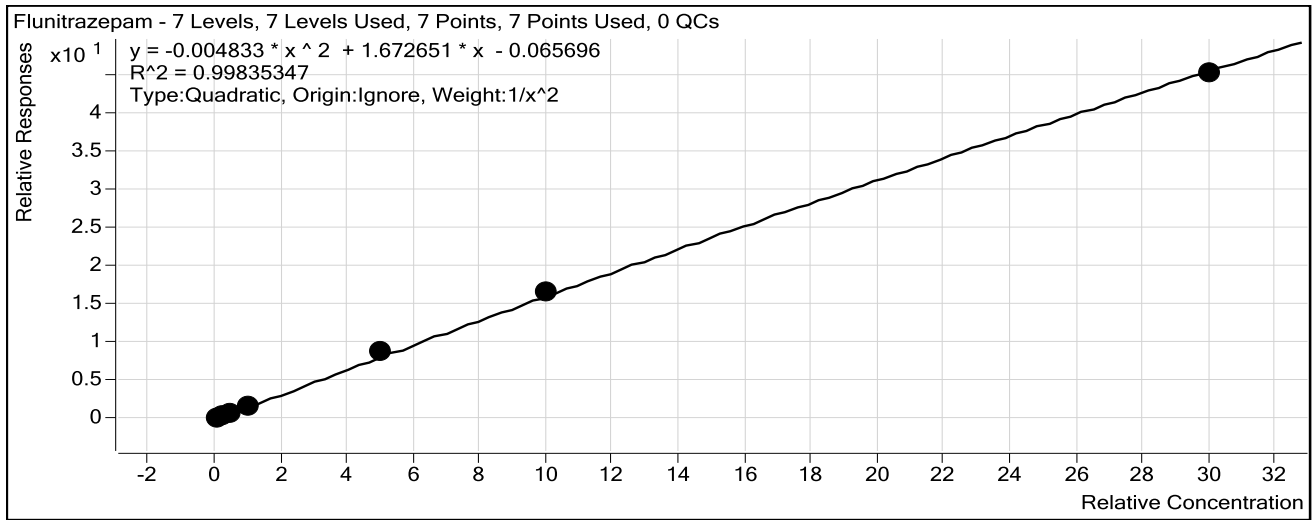
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	12.5	124.7
25 ng/mL	2	<input checked="" type="checkbox"/>	25	20.8	83.3
50 ng/mL	3	<input checked="" type="checkbox"/>	50	45.9	91.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	101.1	101.1
500 ng/mL	5	<input checked="" type="checkbox"/>	500	478.5	95.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1037.4	103.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2987.3	99.6

# ISP Forensics Calibration Curve Report

CJ

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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

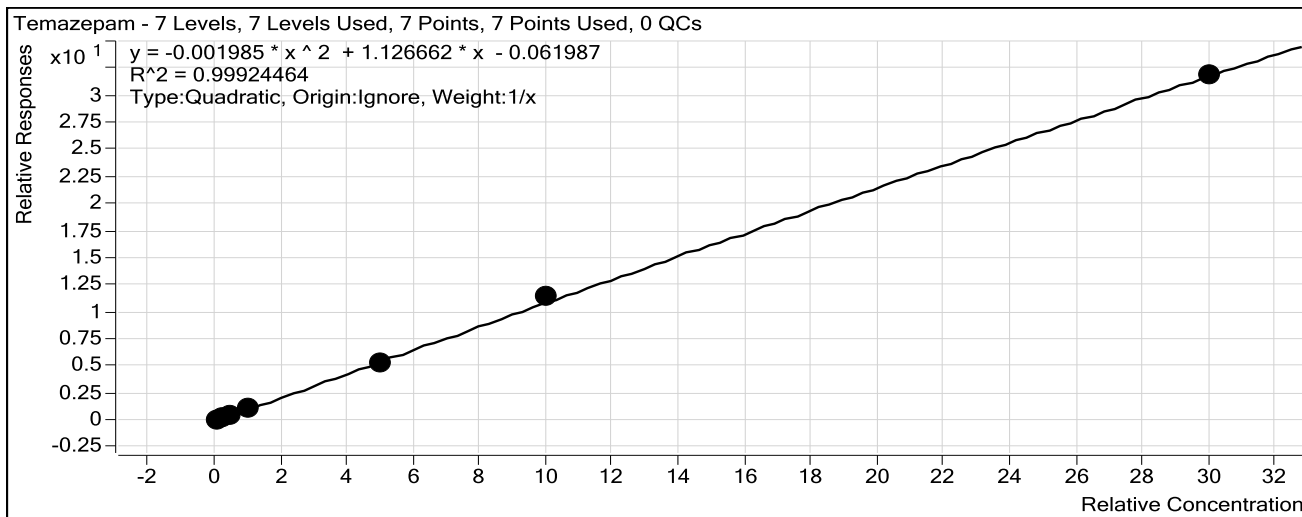


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.0	99.9
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.6	102.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.8	97.5
100 ng/mL	4	<input checked="" type="checkbox"/>	100	94.6	94.6
500 ng/mL	5	<input checked="" type="checkbox"/>	500	525.4	105.1
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1017.5	101.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2957.6	98.6

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



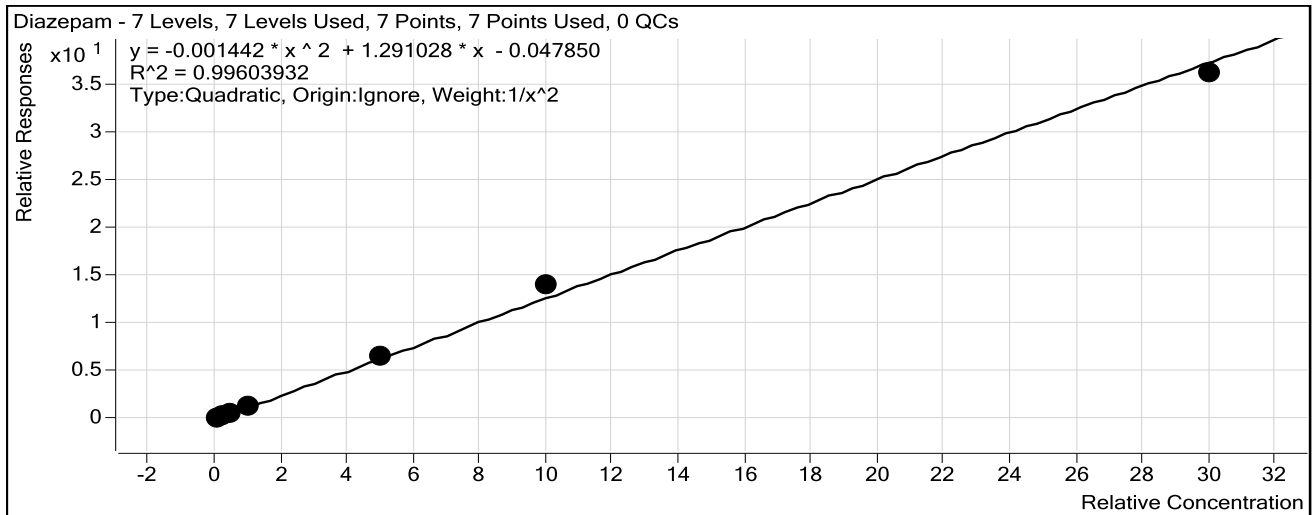
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	11.3	113.0
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.7	102.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	45.6	91.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	93.3	93.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	481.1	96.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1037.8	103.8
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2990.2	99.7

CS

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.batch.bin  
**Last Calib Update** 4/4/2018 12:21 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.2	101.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.0	99.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.0	93.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	96.2	96.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	507.6	101.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1106.4	110.6
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2887.8	96.3

# ISP FORENSICS

## Pocatello

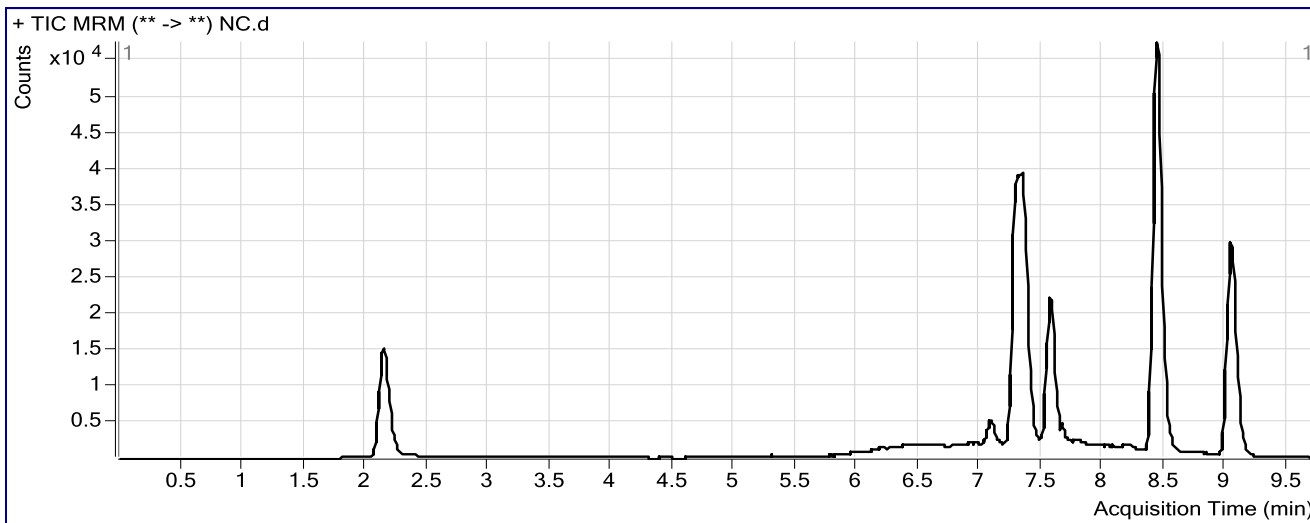
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 workl		
<b>Analysis Time</b>	4/4/2018 12:21 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	4/4/2018 12:24 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	4/4/2018 12:21 PM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-04-03 18:38	<b>Data File</b>	NC.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Negative Control
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
<b>Position</b>	P1-B1	<b>Sample Info</b>	Negative Urine lot POC112116; Worklist 2305
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 13 Benzo and Z by LCQQQ

#### Sample Chromatogram



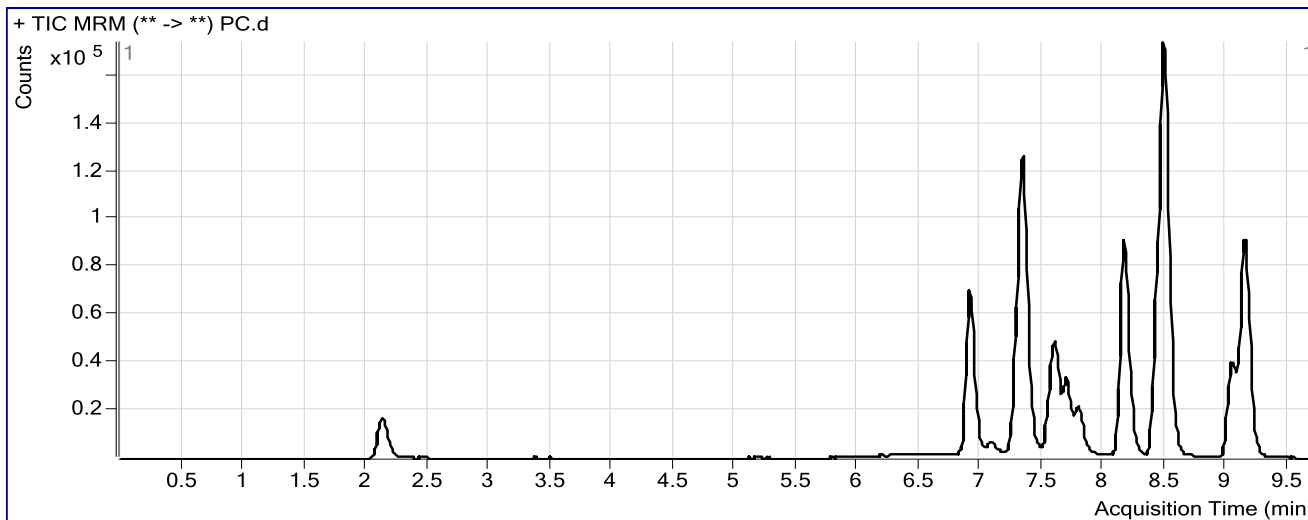
# ISP FORENSICS Pocatello Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.bat  
**Analysis Time** 4/4/2018 12:21 PM **Analyst Name** ISPUser  
**Report Time** 4/4/2018 12:24 PM **Reporter Name** ISPUser  
**Last Calib Update** 4/4/2018 12:21 PM **Batch State** Processed

## Analysis Info

**Acq Time** 2018-04-03 18:23 **Data File** PC.d  
**Sample Type** Sample **Sample Name** Positive Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-B2 **Sample Info** 300 ng/mL Benzodiazepines Mix Cerilliant lot FE04221402 in neg LOT PO  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

## Sample Chromatogram



## Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nitrazepam	Clonazepam-D4 ISTD	6.906	212859	80753	2.6359	195.5756
Oxazepam	Nordiazepam-D5 ISTD	7.336	231939	77896	2.9776	175.1341
Clonazepam	Clonazepam-D4 ISTD	7.595	130250	80753	1.6130	204.1193
Lorazepam	Nordiazepam-D5 ISTD	7.687	34169	77896	0.4386	146.8803
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.790	60917	14719	4.1387	170.4364
Flunitrazepam	Clonazepam-D4 ISTD	8.159	328618	80753	4.0694	249.0117
Temazepam	Temazepam-D5 ISTD	8.488	594384	278759	2.1323	195.4287
Diazepam	Diazepam-D5 ISTD	9.140	331157	124975	2.6498	209.4419

# ISP FORENSICS

## Pocatello

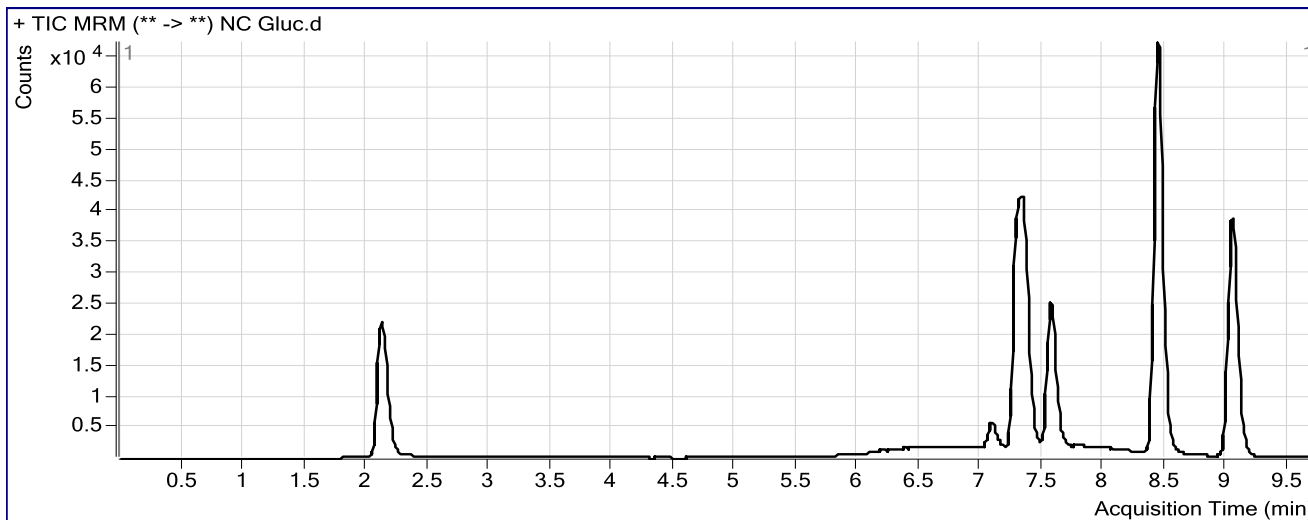
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.bat  
**Analysis Time** 4/4/2018 12:21 PM **Analyst Name** ISPUser  
**Report Time** 4/4/2018 12:24 PM **Reporter Name** ISPUser  
**Last Calib Update** 4/4/2018 12:21 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-04-03 18:07 **Data File** NC Gluc.d  
**Sample Type** Sample **Sample Name** Negative Glucuronide Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-A9 **Sample Info** 300 ng/mL Alltech lot 715-5035 in neg lot POC112116; Worklist 2305  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Nordiazepam-D5 ISTD	7.362	730	73408	0.0099	4.0909

CS

# ISP FORENSICS

## Pocatello

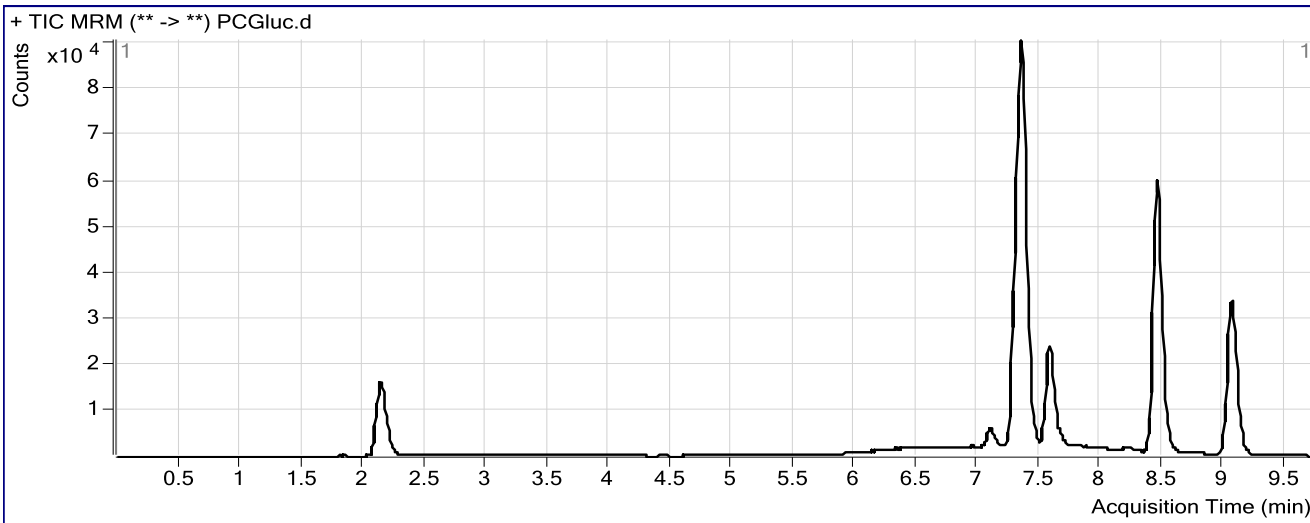
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.bat		
<b>Analysis Time</b>	4/4/2018 12:21 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	4/4/2018 12:24 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	4/4/2018 12:21 PM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-04-03 17:52	<b>Data File</b>	PCGluc.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Positive Glucuronide Control
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
<b>Position</b>	P1-B3	<b>Sample Info</b>	300 ng/mL Alltech lot 715-5035 in neg lot POC112116; Worklist 2305
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 13 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Nordiazepam-D5 ISTD	7.353	140302	69949	2.0058	119.1183



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# ISP FORENSICS

## Pocatello

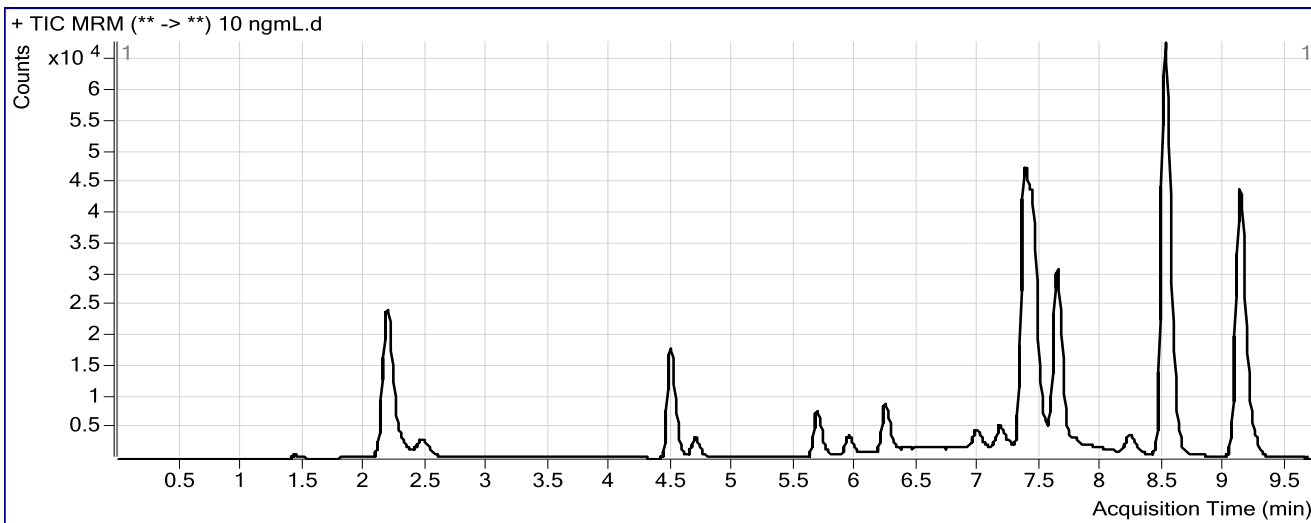
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.bat  
**Analysis Time** 4/4/2018 12:21 PM **Analyst Name** ISPUser  
**Report Time** 4/4/2018 12:23 PM **Reporter Name** ISPUser  
**Last Calib Update** 4/4/2018 12:21 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-04-03 15:47 **Data File** 10 ngmL.d  
**Sample Type** Calibration **Sample Name** 10 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-A2 **Sample Info** Worklist 2305  
**Inj Vol** -1 **Comment** AM 13 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	1.443	2303	122501	0.0188	10.2227
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	2.335	7040	122501	0.0575	10.0172
zopiclone	Nordiazepam-D5 ISTD	2.471	10628	74030	0.1436	10.0775
zolpidem	Nordiazepam-D5 ISTD	4.485	66619	74030	0.8999	10.6261
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.691	11565	74030	0.1562	10.2610
quetiapine	Temazepam-D5 ISTD	5.674	21074	271826	0.0775	7.9263
Midazolam	Clonazepam-D4 ISTD	5.936	10974	106377	0.1032	9.8788
Flurazepam	Diazepam-D5 ISTD	6.225	31280	141032	0.2218	10.0720
Nitrazepam	Clonazepam-D4 ISTD	6.974	9411	106377	0.0885	10.0686
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.196	423	14199	0.0298	10.2559
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.254	1540	74030	0.0208	9.7468
Oxazepam	Nordiazepam-D5 ISTD	7.421	8555	74030	0.1156	10.1778
Nordiazepam	Nordiazepam-D5 ISTD	7.540	6445	74030	0.0871	10.1048
Clonazepam	Clonazepam-D4 ISTD	7.662	5363	106377	0.0504	9.8276
Lorazepam	Nordiazepam-D5 ISTD	7.771	1501	74030	0.0203	11.4288
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.891	2785	14199	0.1962	12.4724
Flunitrazepam	Clonazepam-D4 ISTD	8.218	10781	106377	0.1013	9.9895
Temazepam	Temazepam-D5 ISTD	8.571	17743	271826	0.0653	11.2977
Diazepam	Diazepam-D5 ISTD	9.215	11731	141032	0.0832	10.1505

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# ISP FORENSICS

## Pocatello

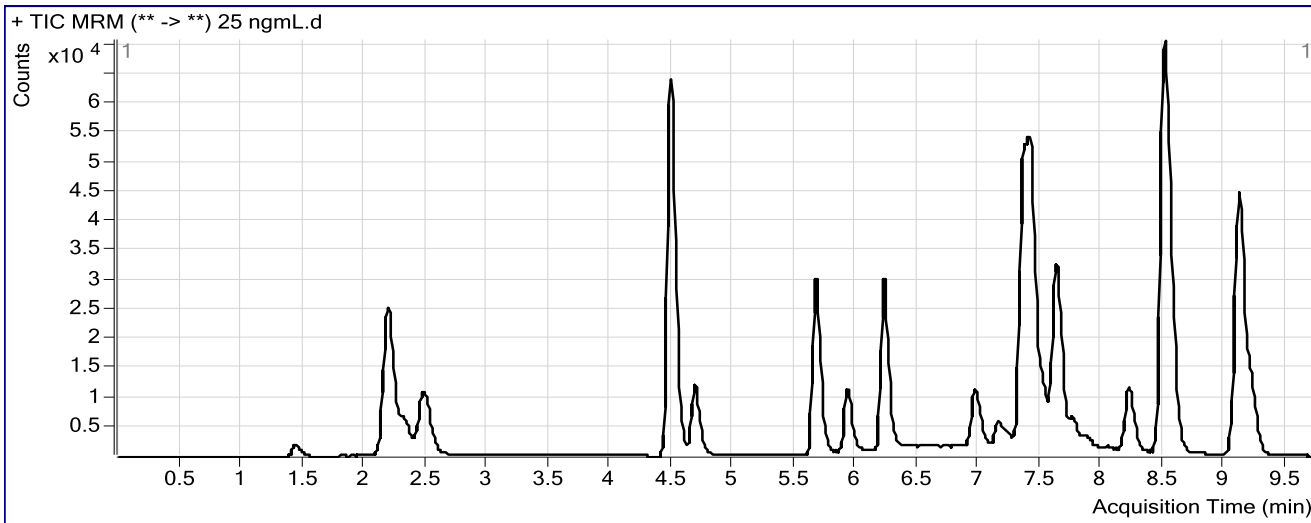
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.bat  
**Analysis Time** 4/4/2018 12:21 PM **Analyst Name** ISPUser  
**Report Time** 4/4/2018 12:23 PM **Reporter Name** ISPUser  
**Last Calib Update** 4/4/2018 12:21 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-04-03 16:02 **Data File** 25 ngmL.d  
**Sample Type** Calibration **Sample Name** 25 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-A3 **Sample Info** Worklist 2305  
**Inj Vol** -1 **Comment** AM 13 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	1.443	7986	128473	0.0622	24.5878
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	2.327	25038	128473	0.1949	25.5494
zopiclone	Nordiazepam-D5 ISTD	2.479	40839	79977	0.5106	25.2954
zolpidem	Nordiazepam-D5 ISTD	4.485	241691	79977	3.0220	25.4409
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.691	41680	79977	0.5211	24.6165
quetiapine	Temazepam-D5 ISTD	5.666	81164	278297	0.2916	27.1738
Midazolam	Clonazepam-D4 ISTD	5.928	39300	106704	0.3683	26.4904
Flurazepam	Diazepam-D5 ISTD	6.217	111316	143810	0.7740	25.3294
Nitrazepam	Clonazepam-D4 ISTD	6.965	31972	106704	0.2996	25.3780
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.196	1330	15674	0.0848	23.3569
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.237	5051	79977	0.0632	27.9955
Oxazepam	Nordiazepam-D5 ISTD	7.404	29241	79977	0.3656	24.5883
Nordiazepam	Nordiazepam-D5 ISTD	7.515	22883	79977	0.2861	25.5349
Clonazepam	Clonazepam-D4 ISTD	7.662	20363	106704	0.1908	27.1389
Lorazepam	Nordiazepam-D5 ISTD	7.754	5175	79977	0.0647	25.7608
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.865	6377	15674	0.4068	20.8234
Flunitrazepam	Clonazepam-D4 ISTD	8.210	38723	106704	0.3629	25.6429
Temazepam	Temazepam-D5 ISTD	8.554	63344	278297	0.2276	25.7158
Diazepam	Diazepam-D5 ISTD	9.207	39475	143810	0.2745	24.9751

CS

# ISP FORENSICS

## Pocatello

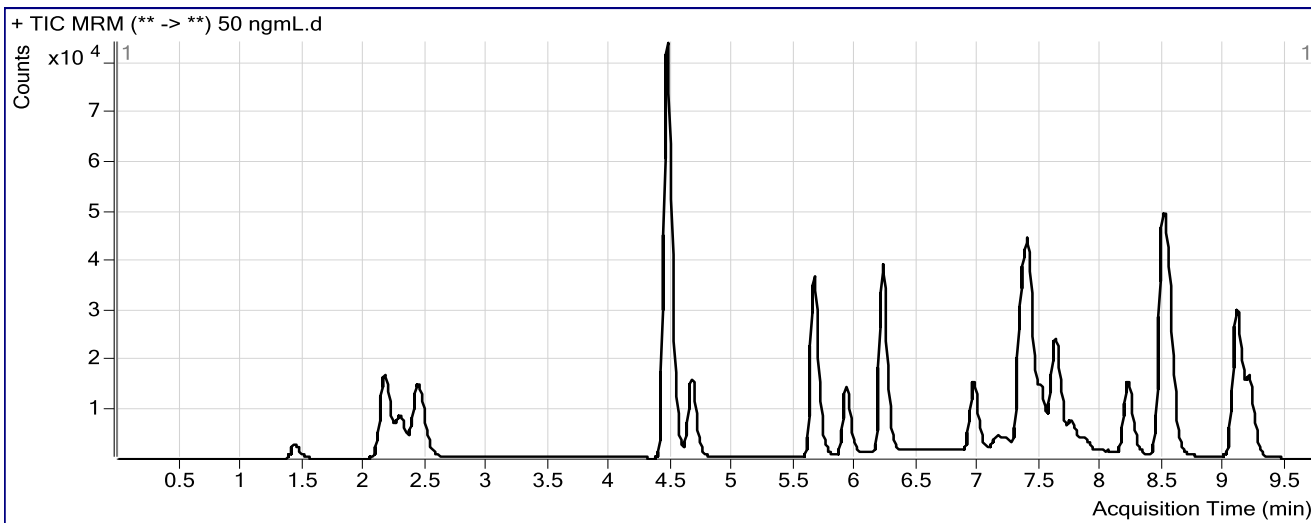
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.bat  
**Analysis Time** 4/4/2018 12:21 PM **Analyst Name** ISPUser  
**Report Time** 4/4/2018 12:23 PM **Reporter Name** ISPUser  
**Last Calib Update** 4/4/2018 12:21 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-04-03 16:18 **Data File** 50 ngmL.d  
**Sample Type** Calibration **Sample Name** 50 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-A4 **Sample Info** Worklist 2305  
**Inj Vol** -1 **Comment** AM 13 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	1.435	11073	86239	0.1284	46.5383
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	2.301	33766	86239	0.3915	47.8372
zopiclone	Nordiazepam-D5 ISTD	2.437	54469	52638	1.0348	46.8400
zolpidem	Nordiazepam-D5 ISTD	4.460	317858	52638	6.0385	46.5427
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.666	55440	52638	1.0532	45.5065
quetiapine	Temazepam-D5 ISTD	5.649	99702	188967	0.5276	48.3858
Midazolam	Clonazepam-D4 ISTD	5.920	50360	72304	0.6965	47.1085
Flurazepam	Diazepam-D5 ISTD	6.208	147098	95381	1.5422	46.6011
Nitrazepam	Clonazepam-D4 ISTD	6.957	43193	72304	0.5974	46.9845
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.171	1899	9849	0.1928	48.9638
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.220	5525	52638	0.1050	45.9718
Oxazepam	Nordiazepam-D5 ISTD	7.387	40732	52638	0.7738	48.1120
Nordiazepam	Nordiazepam-D5 ISTD	7.498	29302	52638	0.5567	46.5029
Clonazepam	Clonazepam-D4 ISTD	7.645	25213	72304	0.3487	46.6352
Lorazepam	Nordiazepam-D5 ISTD	7.754	7023	52638	0.1334	47.9540
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.849	10235	9849	1.0392	45.9494
Flunitrazepam	Clonazepam-D4 ISTD	8.202	54144	72304	0.7488	48.7659
Temazepam	Temazepam-D5 ISTD	8.546	85291	188967	0.4514	45.5998
Diazepam	Diazepam-D5 ISTD	9.198	53241	95381	0.5582	46.9675

CS

# ISP FORENSICS

## Pocatello

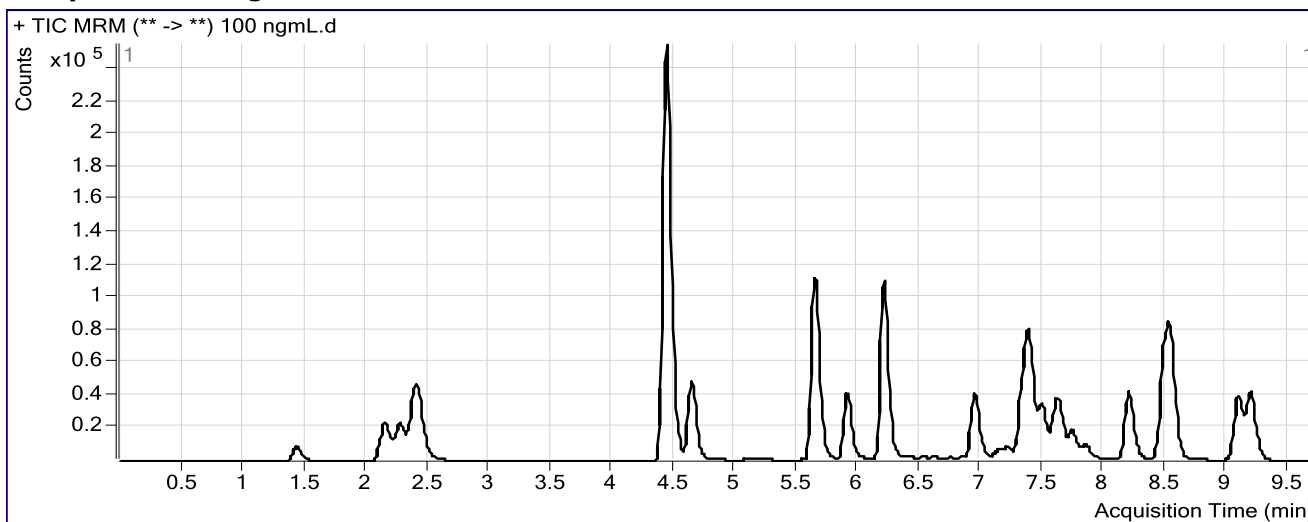
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.bat		
<b>Analysis Time</b>	4/4/2018 12:21 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	4/4/2018 12:23 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	4/4/2018 12:21 PM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-04-03 16:33	<b>Data File</b>	100 ngmL.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	100 ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
<b>Position</b>	P1-A5	<b>Sample Info</b>	Worklist 2305
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 13 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	1.435	32095	114653	0.2799	96.7543
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	2.284	94981	114653	0.8284	97.6152
zopiclone	Nordiazepam-D5 ISTD	2.404	168437	72616	2.3196	98.7627
zolpidem	Nordiazepam-D5 ISTD	4.435	962690	72616	13.2573	97.2497
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.649	169845	72616	2.3389	95.7844
quetiapine	Temazepam-D5 ISTD	5.641	317760	247635	1.2832	116.3044
Midazolam	Clonazepam-D4 ISTD	5.902	148339	97464	1.5220	99.2496
Flurazepam	Diazepam-D5 ISTD	6.200	432226	124309	3.4770	100.4367
Nitrazepam	Clonazepam-D4 ISTD	6.949	126399	97464	1.2969	97.8421
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.171	5481	12738	0.4303	104.9947
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.220	15551	72616	0.2142	92.7463
Oxazepam	Nordiazepam-D5 ISTD	7.378	114994	72616	1.5836	94.7832
Nordiazepam	Nordiazepam-D5 ISTD	7.498	84163	72616	1.1590	93.1670
Clonazepam	Clonazepam-D4 ISTD	7.637	72431	97464	0.7432	95.5120
Lorazepam	Nordiazepam-D5 ISTD	7.737	18272	72616	0.2516	86.1958
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.849	30811	12738	2.4189	101.0851
Flunitrazepam	Clonazepam-D4 ISTD	8.193	147334	97464	1.5117	94.5618
Temazepam	Temazepam-D5 ISTD	8.538	244538	247635	0.9875	93.3030
Diazepam	Diazepam-D5 ISTD	9.190	148327	124309	1.1932	96.2335

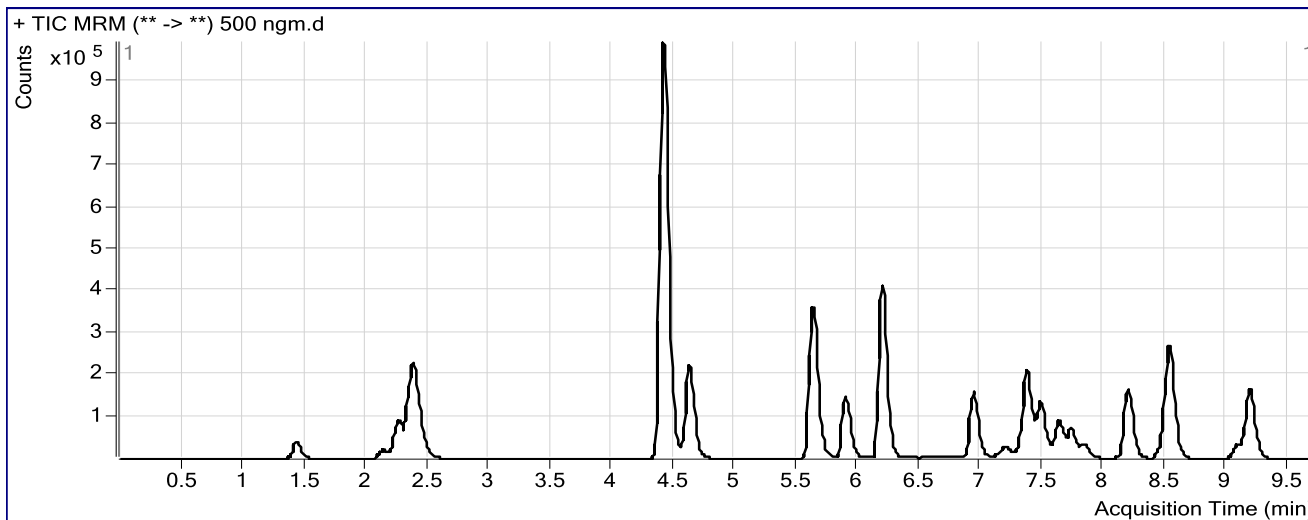
# ISP FORENSICS Pocatello Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.bat  
**Analysis Time** 4/4/2018 12:21 PM **Analyst Name** ISPUser  
**Report Time** 4/4/2018 12:24 PM **Reporter Name** ISPUser  
**Last Calib Update** 4/4/2018 12:21 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-04-03 16:49 **Data File** 500 ngm.d  
**Sample Type** Calibration **Sample Name** 500 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-A6 **Sample Info** Worklist 2305  
**Inj Vol** -1 **Comment** AM 13 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	1.435	150171	98497	1.5246	509.5267
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	2.267	412710	98497	4.1901	493.6701
zopiclone	Nordiazepam-D5 ISTD	2.379	825256	56681	14.5597	543.0873
zolpidem	Nordiazepam-D5 ISTD	4.410	4006193	56681	70.6800	511.6998
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.624	798188	56681	14.0822	542.6493
quetiapine	Temazepam-D5 ISTD	5.624	1077278	192334	5.6011	504.4468
Midazolam	Clonazepam-D4 ISTD	5.894	568946	71307	7.9789	522.0174
Flurazepam	Diazepam-D5 ISTD	6.192	1701511	96803	17.5771	504.5916
Nitrazepam	Clonazepam-D4 ISTD	6.940	511799	71307	7.1774	530.8354
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.154	23266	11147	2.0872	483.8600
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.203	67810	56681	1.1963	502.7684
Oxazepam	Nordiazepam-D5 ISTD	7.370	512465	56681	9.0413	524.8097
Nordiazepam	Nordiazepam-D5 ISTD	7.481	381893	56681	6.7376	524.1619
Clonazepam	Clonazepam-D4 ISTD	7.628	293408	71307	4.1147	523.1778
Lorazepam	Nordiazepam-D5 ISTD	7.729	83119	56681	1.4664	484.2978
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.832	128930	11147	11.5668	478.4514
Flunitrazepam	Clonazepam-D4 ISTD	8.193	612449	71307	8.5889	525.3972
Temazepam	Temazepam-D5 ISTD	8.529	1021664	192334	5.3119	481.0530
Diazepam	Diazepam-D5 ISTD	9.182	626202	96803	6.4688	507.6456

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# ISP FORENSICS

## Pocatello

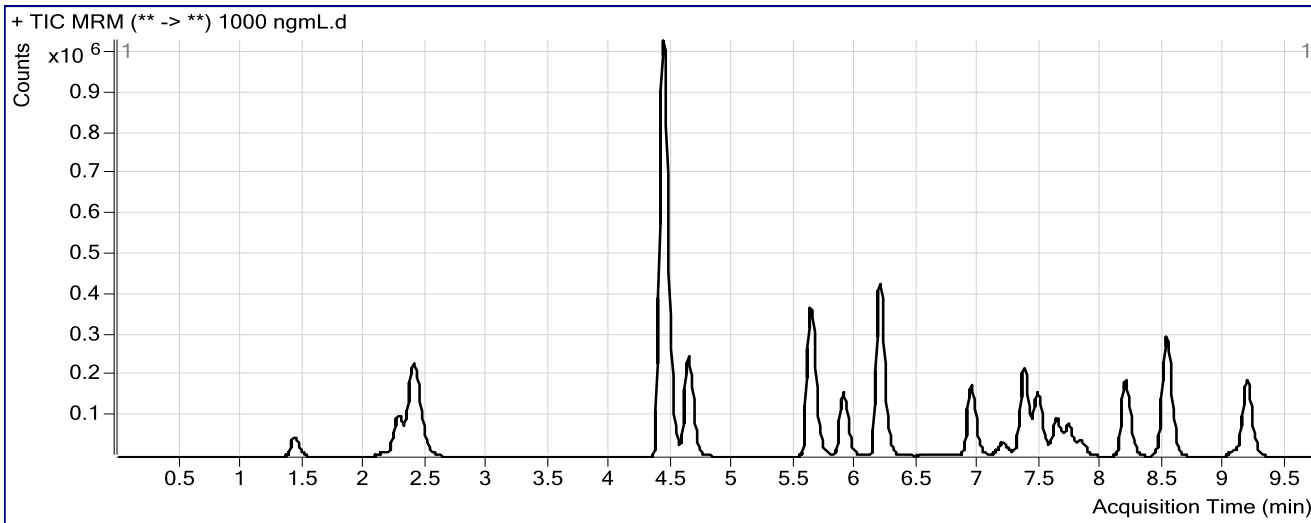
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.bat  
**Analysis Time** 4/4/2018 12:21 PM **Analyst Name** ISUser  
**Report Time** 4/4/2018 12:24 PM **Reporter Name** ISUser  
**Last Calib Update** 4/4/2018 12:21 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-04-03 17:05 **Data File** 1000 ngmL.d  
**Sample Type** Calibration **Sample Name** 1000 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-A7 **Sample Info** Worklist 2305  
**Inj Vol** -1 **Comment** AM 13 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	1.435	174668	52084	3.3536	1116.9749
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	2.284	462231	52084	8.8747	1090.8200
zopiclone	Nordiazepam-D5 ISTD	2.404	871972	30825	28.2881	966.1625
zolpidem	Nordiazepam-D5 ISTD	4.427	4124702	30825	133.8119	992.8296
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.633	874318	30825	28.3643	1059.1894
quetiapine	Temazepam-D5 ISTD	5.624	1109030	101747	10.8998	980.7628
Midazolam	Clonazepam-D4 ISTD	5.894	597873	41634	14.3601	969.8876
Flurazepam	Diazepam-D5 ISTD	6.183	1794325	50209	35.7371	1060.2184
Nitrazepam	Clonazepam-D4 ISTD	6.932	564775	41634	13.5652	1012.7843
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.154	29252	6172	4.7398	1052.4352
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.195	80993	30825	2.6275	1069.3579
Oxazepam	Nordiazepam-D5 ISTD	7.362	568466	30825	18.4419	1067.4078
Nordiazepam	Nordiazepam-D5 ISTD	7.472	435948	30825	14.1429	1093.0225
Clonazepam	Clonazepam-D4 ISTD	7.628	323149	41634	7.7616	1007.7204
Lorazepam	Nordiazepam-D5 ISTD	7.720	96104	30825	3.1178	1041.1600
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.823	149170	6172	24.1703	1037.3799
Flunitrazepam	Clonazepam-D4 ISTD	8.184	685013	41634	16.4531	1017.4988
Temazepam	Temazepam-D5 ISTD	8.521	1161601	101747	11.4165	1037.7850
Diazepam	Diazepam-D5 ISTD	9.173	705948	50209	14.0602	1106.4437

CS

# ISP FORENSICS

## Pocatello

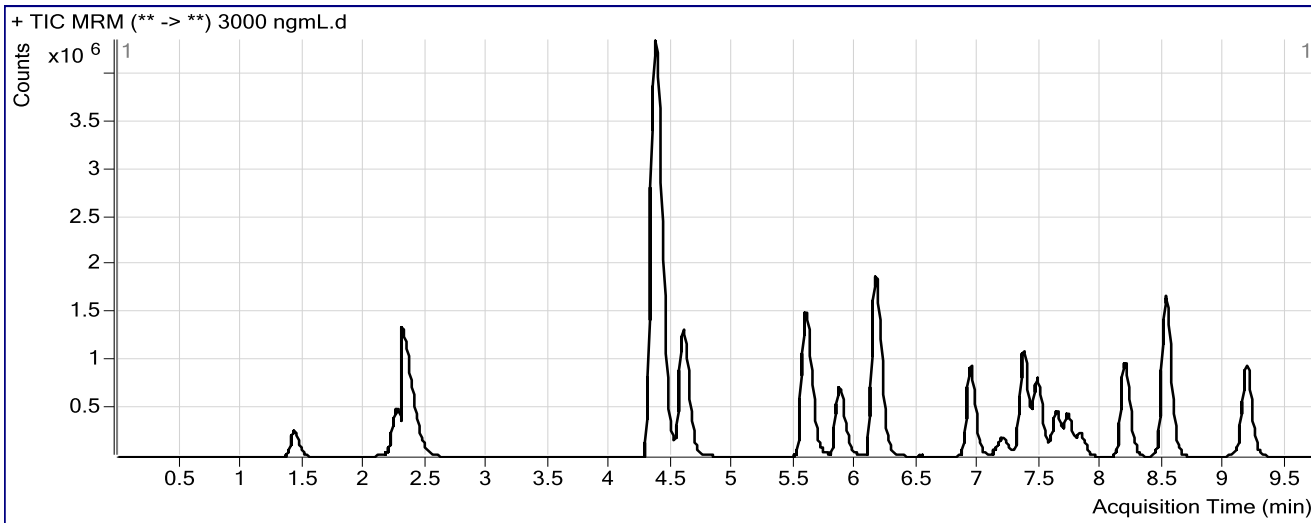
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2305 Urine 040318 CS\QuantResults\am 13 worklist 2305.bat  
**Analysis Time** 4/4/2018 12:21 PM **Analyst Name** ISPUser  
**Report Time** 4/4/2018 12:24 PM **Reporter Name** ISPUser  
**Last Calib Update** 4/4/2018 12:21 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-04-03 17:20 **Data File** 3000 ngmL.d  
**Sample Type** Calibration **Sample Name** 3000 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-A8 **Sample Info** Worklist 2305  
**Inj Vol** -1 **Comment** AM 13 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	1.427	972574	112539	8.6421	2879.7210
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	2.267	2268635	112539	20.1586	2882.3264
zopiclone	Nordiazepam-D5 ISTD	2.320	3949842	61196	64.5445	1873.3465
zolpidem	Nordiazepam-D5 ISTD	4.360	21806235	61196	356.3362	3000.6435
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.598	5276064	61196	86.2163	2923.2314
quetiapine	Temazepam-D5 ISTD	5.590	5121224	211177	24.2509	2180.9088
Midazolam	Clonazepam-D4 ISTD	5.861	3066250	81797	37.4859	3013.6880
Flurazepam	Diazepam-D5 ISTD	6.150	8961889	104139	86.0573	2913.5034
Nitrazepam	Clonazepam-D4 ISTD	6.932	3078223	81797	37.6323	2955.7526
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.145	206679	13648	15.1435	2968.2524
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.195	488462	61196	7.9820	2946.4426
Oxazepam	Nordiazepam-D5 ISTD	7.362	3082473	61196	50.3708	2914.7772
Nordiazepam	Nordiazepam-D5 ISTD	7.472	2320223	61196	37.9148	2894.8185
Clonazepam	Clonazepam-D4 ISTD	7.620	1687924	81797	20.6354	2967.4689
Lorazepam	Nordiazepam-D5 ISTD	7.720	517197	61196	8.4515	2988.0345
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.815	809305	13648	59.2984	2987.3316
Flunitrazepam	Clonazepam-D4 ISTD	8.176	3695324	81797	45.1765	2957.5811
Temazepam	Temazepam-D5 ISTD	8.513	6726509	211177	31.8525	2990.2128
Diazepam	Diazepam-D5 ISTD	9.165	3752336	104139	36.0321	2887.7847