

*BWylee*

*cg*

**Worklist: 2523**

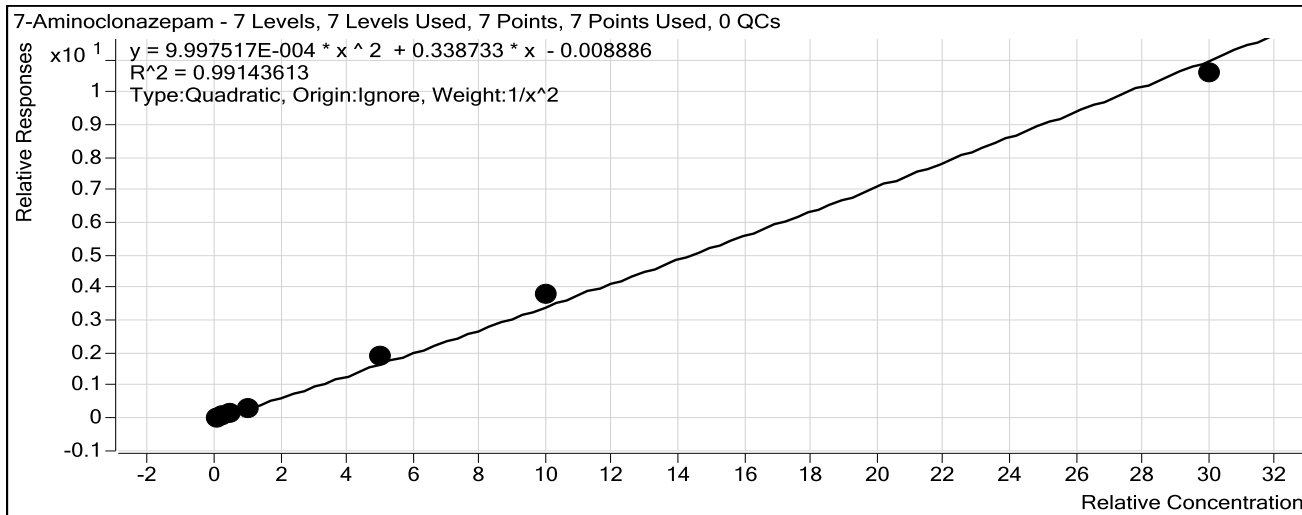
<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
M2018-2972	2	119998	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-2991	5	119999	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-3091	2	120000	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-1546	1	119744	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-1555	1	119745	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-1700	1	119746	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-1750	1	119747	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-1758	1	119748	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-1786	1	120001	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-1807	1	119749	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



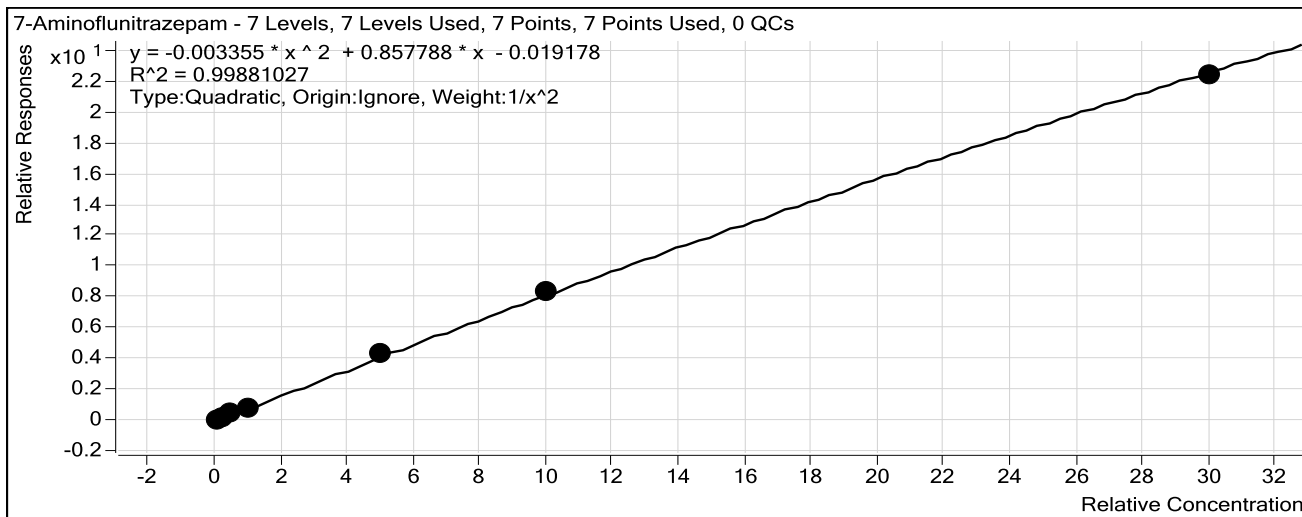
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.4	103.8
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.0	95.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	45.8	91.6
100 ng/mL	4	<input checked="" type="checkbox"/>	100	92.3	92.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	557.5	111.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1088.4	108.8
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2880.3	96.0

# ISP Forensics Calibration Curve Report

cg

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



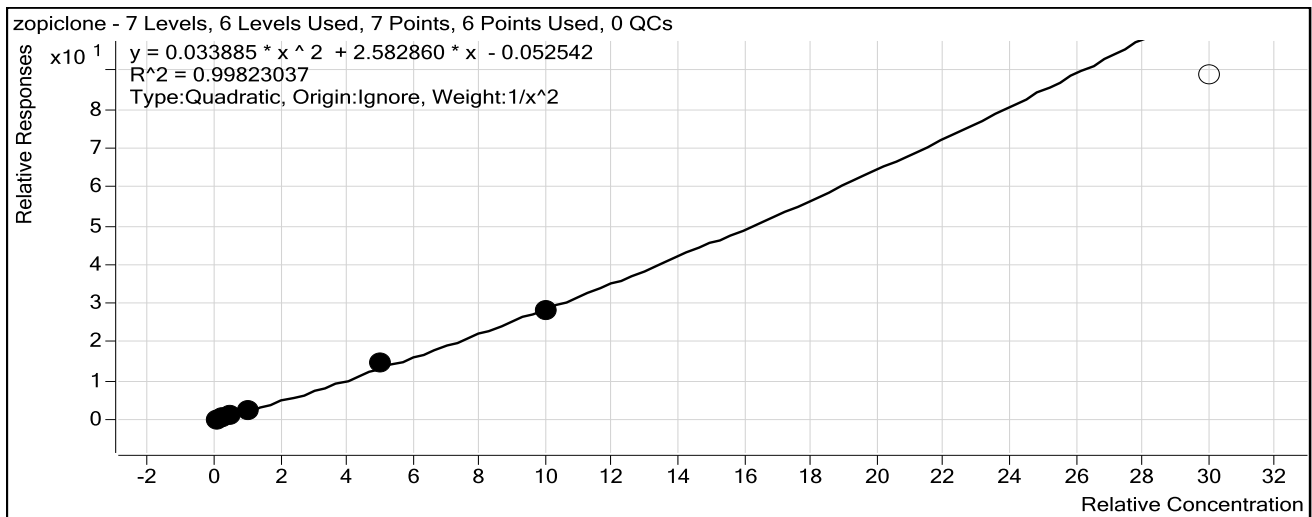
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.1	101.0
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.8	99.1
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.0	98.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	96.3	96.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	526.3	105.3
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1019.5	102.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2950.0	98.3

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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

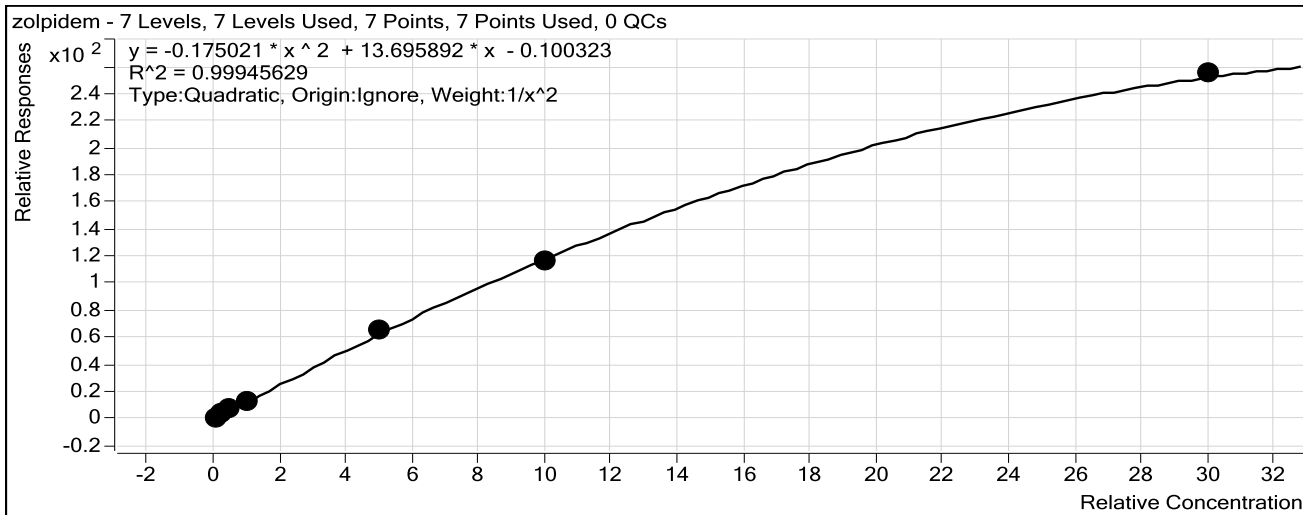


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.0	100.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.0	99.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.4	98.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	97.1	97.1
500 ng/mL	5	<input checked="" type="checkbox"/>	500	531.0	106.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	975.0	97.5
3000 ng/mL	7	<input type="checkbox"/>	3000	2572.6	85.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



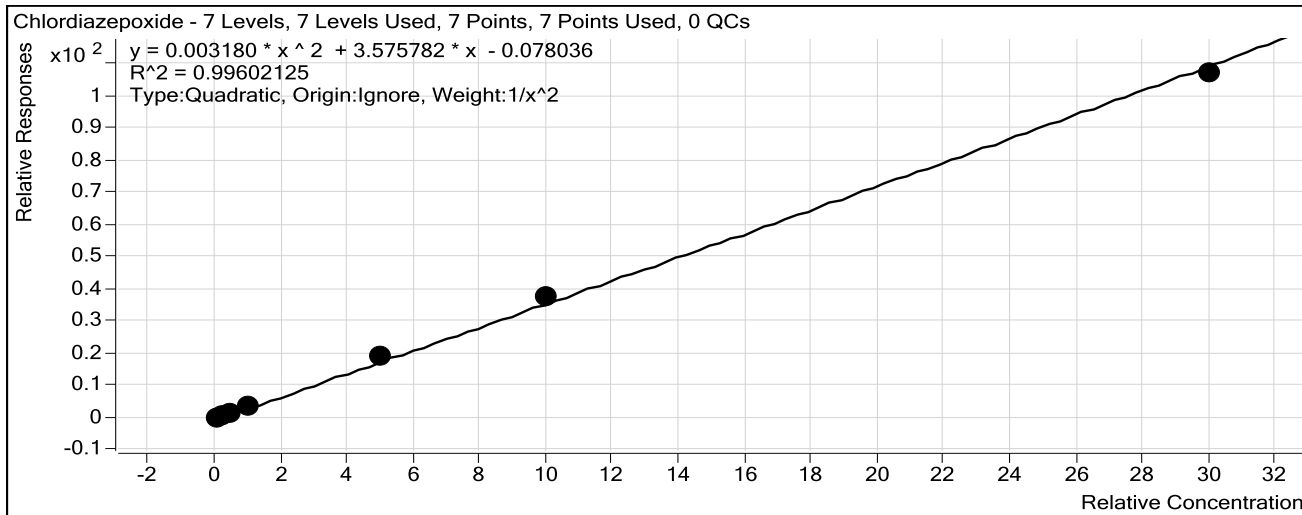
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.9	99.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.4	101.8
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.9	99.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	98.3	98.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	514.9	103.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	967.2	96.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3057.1	101.9

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 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	103.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.6	94.3
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.2	96.4
100 ng/mL	4	<input checked="" type="checkbox"/>	100	95.4	95.4
500 ng/mL	5	<input checked="" type="checkbox"/>	500	542.3	108.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1049.1	104.9
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2919.1	97.3

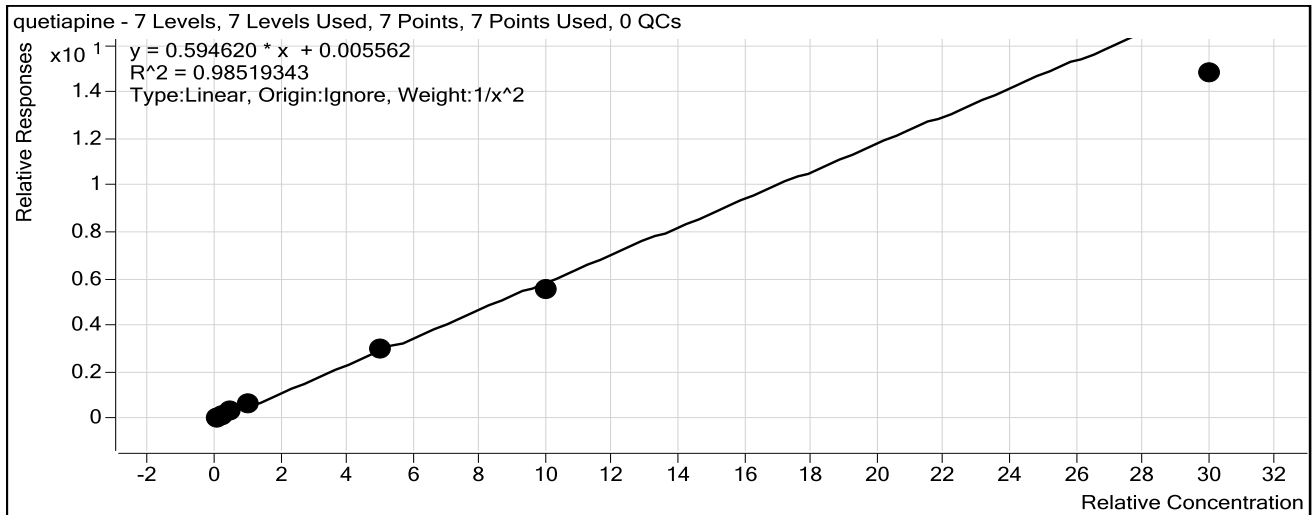
# ISP Forensics

## Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



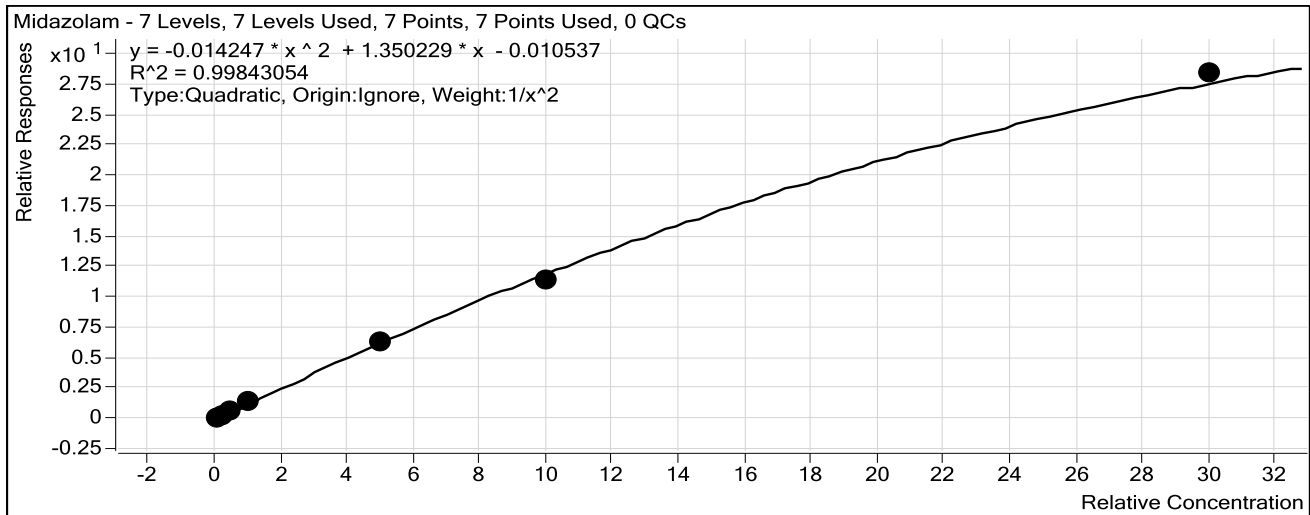
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.5	94.7
25 ng/mL	2	<input checked="" type="checkbox"/>	25	26.1	104.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	55.7	111.5
100 ng/mL	4	<input checked="" type="checkbox"/>	100	112.9	112.9
500 ng/mL	5	<input checked="" type="checkbox"/>	500	498.7	99.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	936.4	93.6
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2488.3	82.9

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 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	10.0	99.9
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.4	97.7
50 ng/mL	3	<input checked="" type="checkbox"/>	50	52.2	104.3
100 ng/mL	4	<input checked="" type="checkbox"/>	100	102.7	102.7
500 ng/mL	5	<input checked="" type="checkbox"/>	500	492.3	98.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	940.4	94.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3142.5	104.8

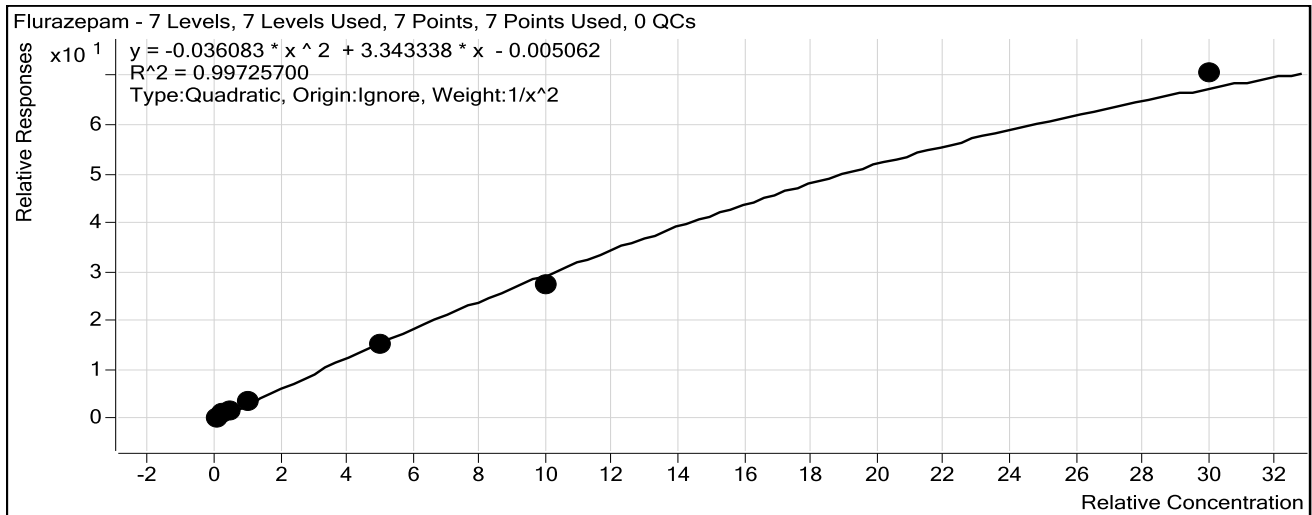


# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



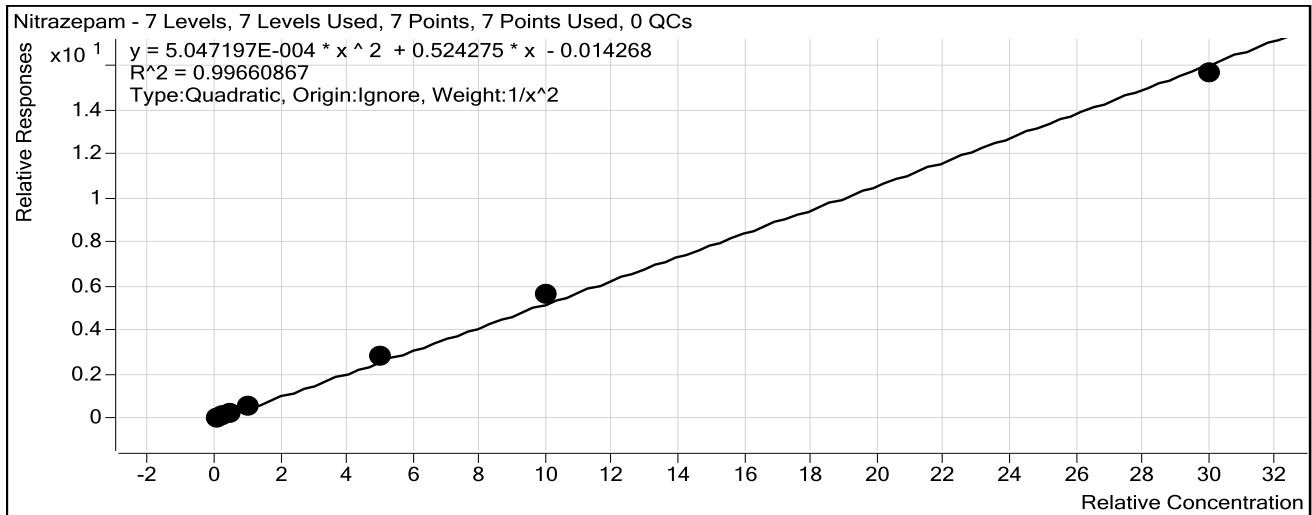
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	9.8	98.0
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.6	102.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	52.0	104.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	102.8	102.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	484.8	97.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	908.9	90.9
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3248.1	108.3

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 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	10.2	102.4
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.3	97.1
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.6	95.1
100 ng/mL	4	<input checked="" type="checkbox"/>	100	95.3	95.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	530.5	106.1
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1068.7	106.9
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2911.8	97.1

# ISP Forensics Calibration Curve Report

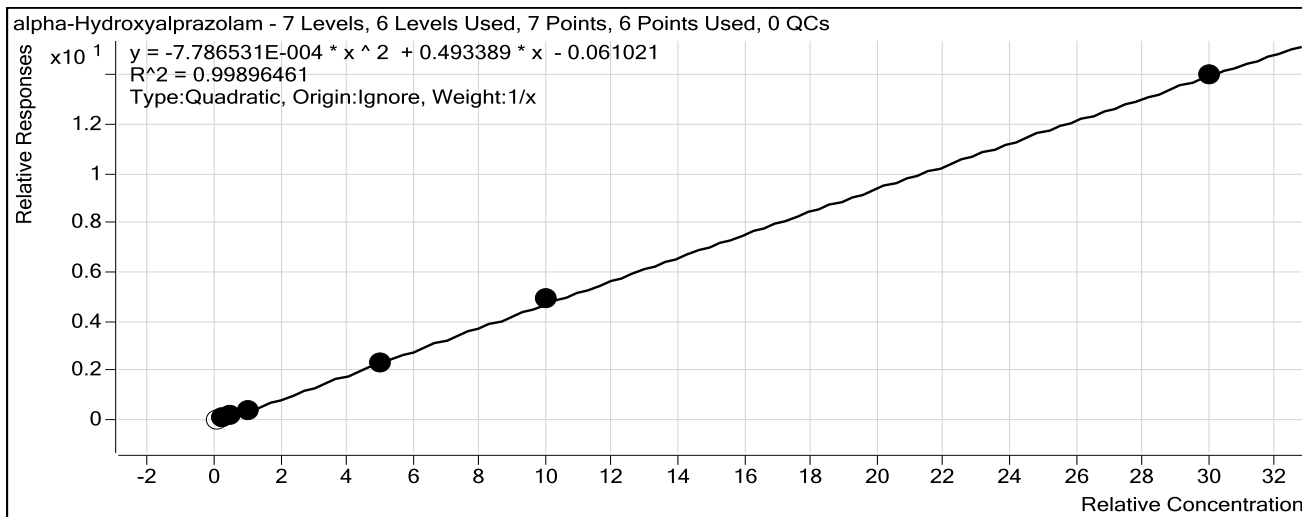
Level 1 was dropped- no samples can  
be listed as inconclusive for this compound.

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13  
worklist 2523 CS.batch.bin

**Last Calib Update** 6/28/2018 1:04 PM      **Analyst Name** ISP TOX

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



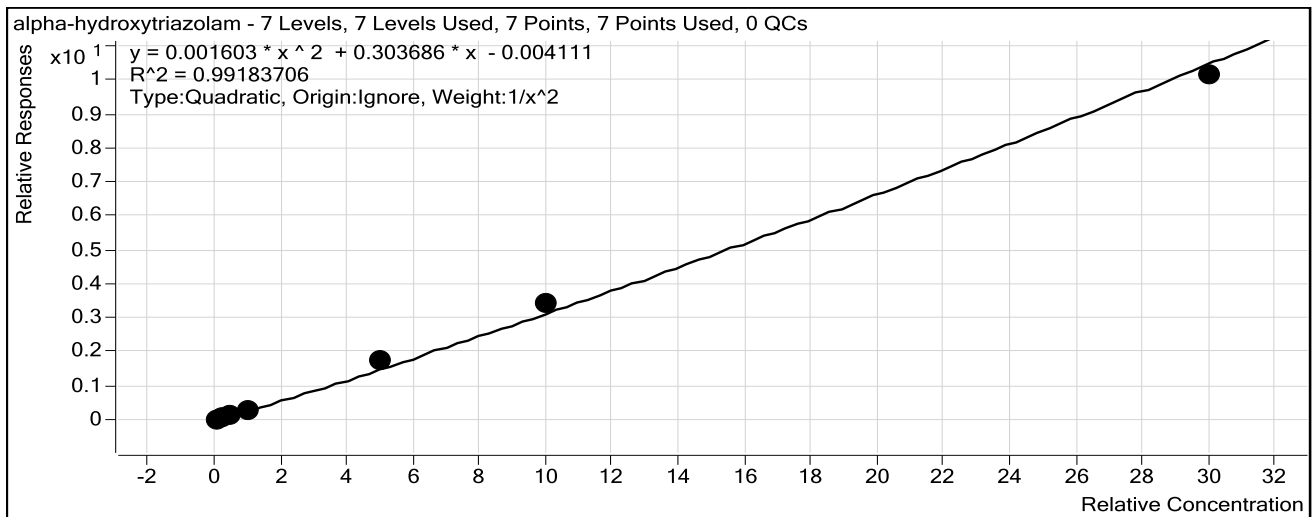
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	1	<input type="checkbox"/>	10	20.8	207.7
25 ngmL	2	<input checked="" type="checkbox"/>	25	27.3	109.1
50ngmL	3	<input checked="" type="checkbox"/>	50	52.8	105.7
100 ngmL	4	<input checked="" type="checkbox"/>	100	85.2	85.2
500ngmL	5	<input checked="" type="checkbox"/>	500	485.2	97.0
1000 ngmL	6	<input checked="" type="checkbox"/>	1000	1033.1	103.3
3000 ngmL	7	<input checked="" type="checkbox"/>	3000	2991.3	99.7

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



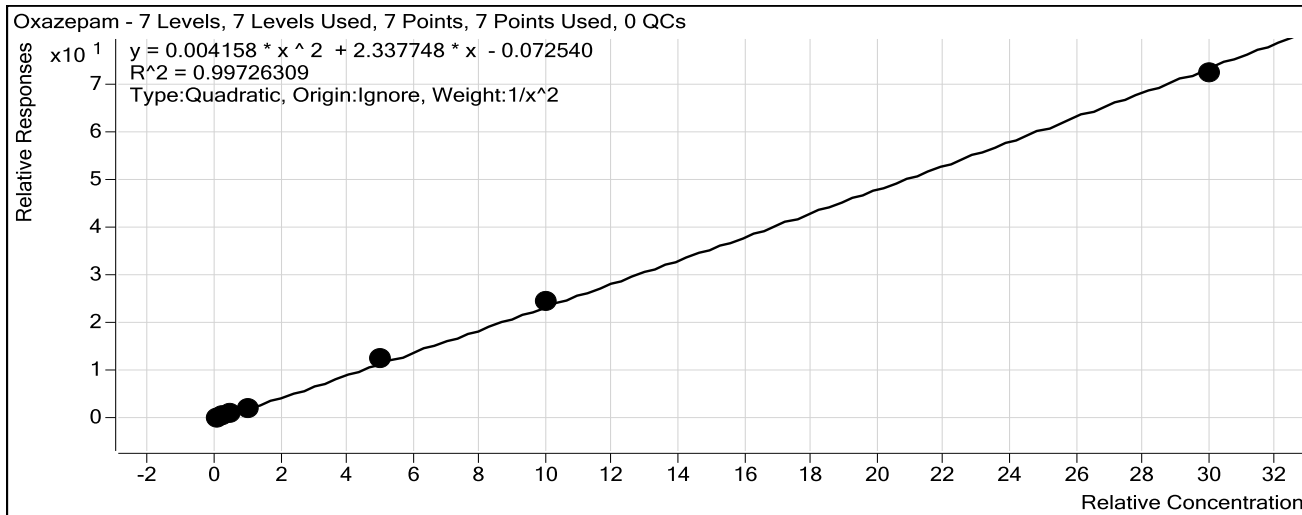
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.5	104.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.4	93.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	45.2	90.5
100 ng/mL	4	<input checked="" type="checkbox"/>	100	95.3	95.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	556.7	111.3
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1077.3	107.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2897.0	96.6

# ISP Forensics Calibration Curve Report

CJ

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



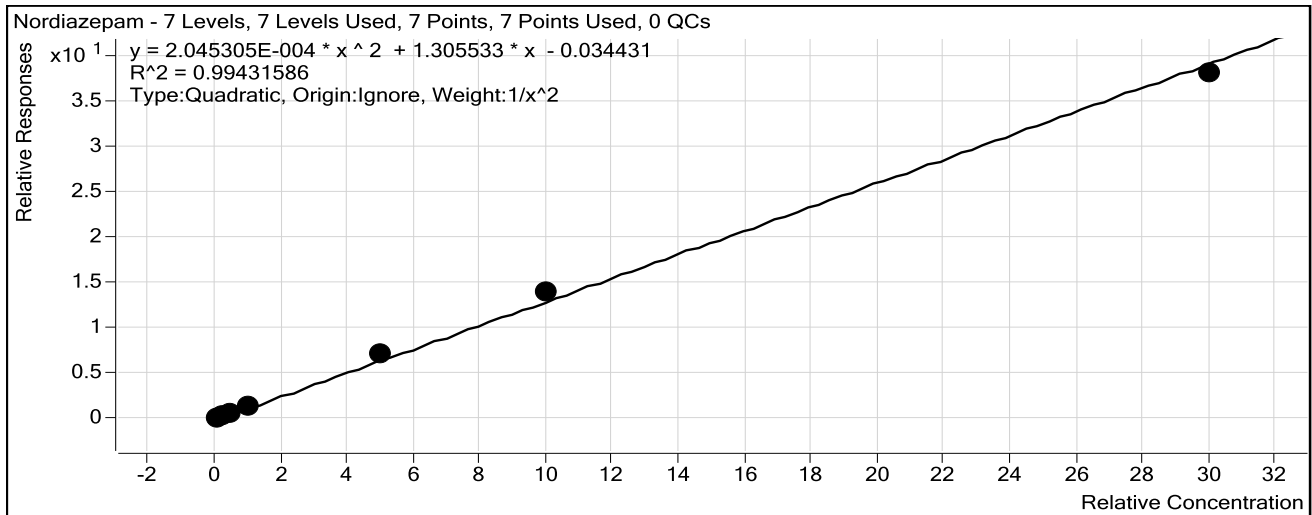
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.3	102.9
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.7	94.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.2	96.5
100 ng/mL	4	<input checked="" type="checkbox"/>	100	96.9	96.9
500 ng/mL	5	<input checked="" type="checkbox"/>	500	535.9	107.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1036.2	103.6
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2938.2	97.9

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



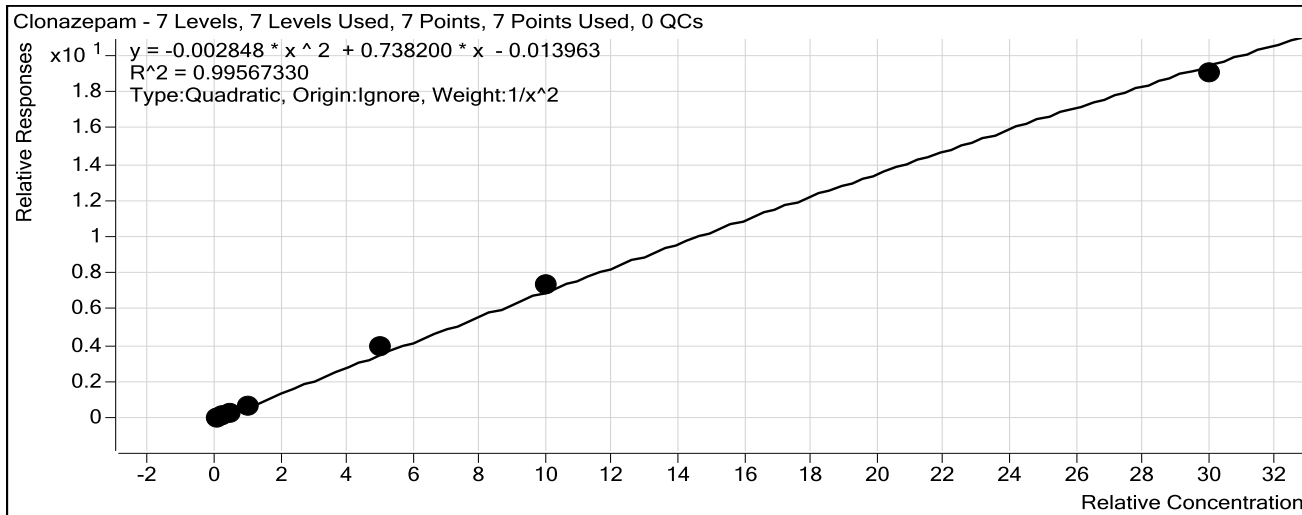
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.5	104.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.8	91.4
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.3	94.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	97.6	97.6
500 ng/mL	5	<input checked="" type="checkbox"/>	500	543.8	108.8
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1064.4	106.4
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2899.2	96.6

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



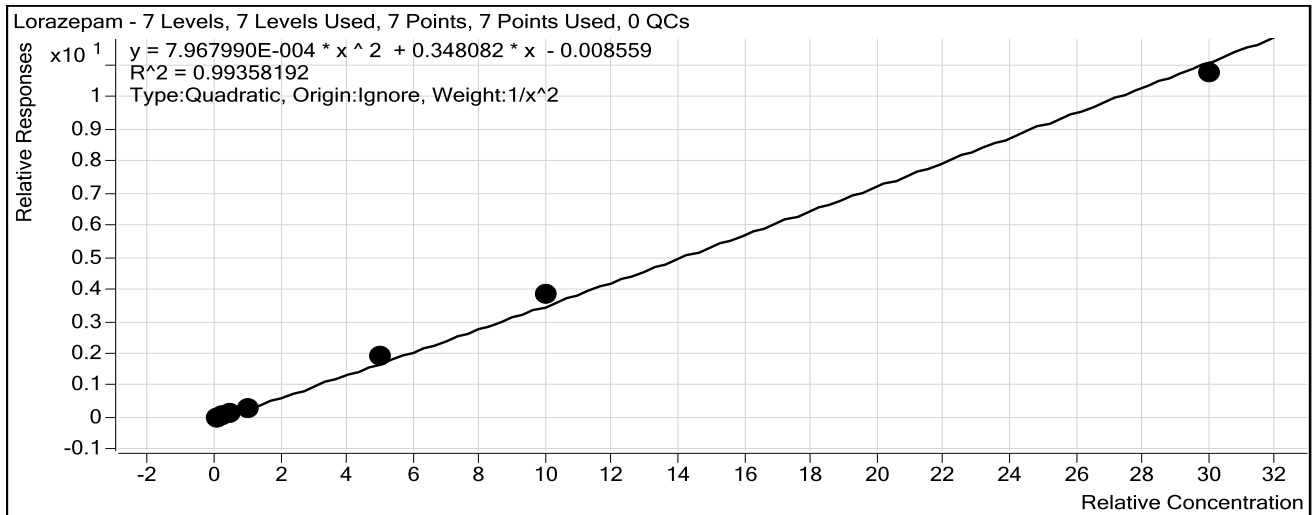
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.3	102.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.2	96.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.3	94.6
100 ng/mL	4	<input checked="" type="checkbox"/>	100	95.2	95.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	550.9	110.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1037.1	103.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2902.8	96.8

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 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	10.3	102.9
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.1	96.2
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.3	96.6
100 ng/mL	4	<input checked="" type="checkbox"/>	100	90.4	90.4
500 ng/mL	5	<input checked="" type="checkbox"/>	500	545.4	109.1
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1082.8	108.3
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2893.2	96.4

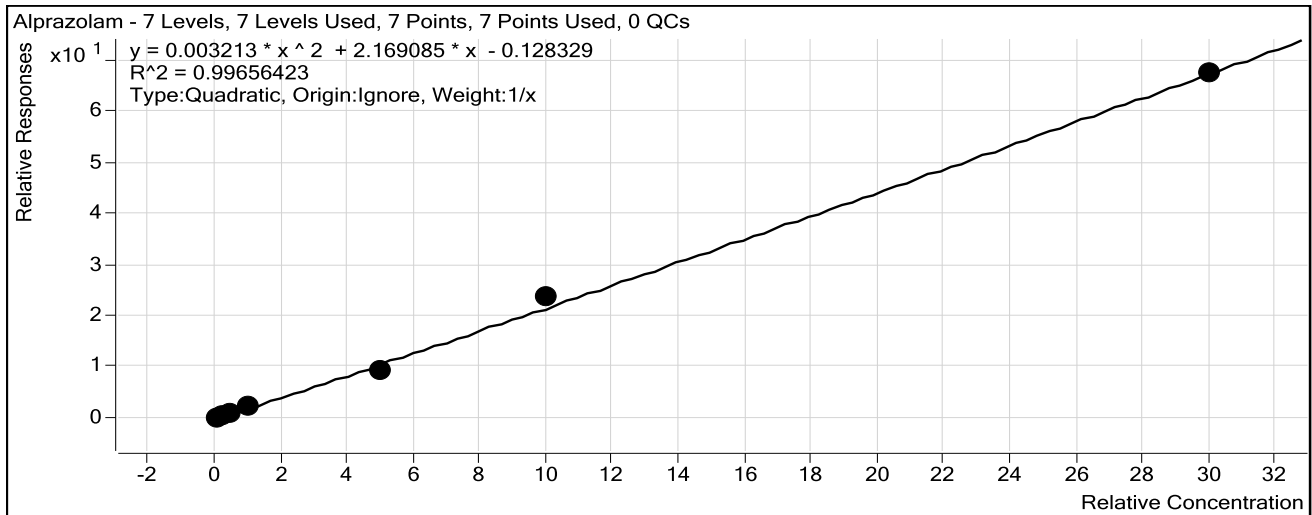


# ISP Forensics Calibration Curve Report

cg

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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

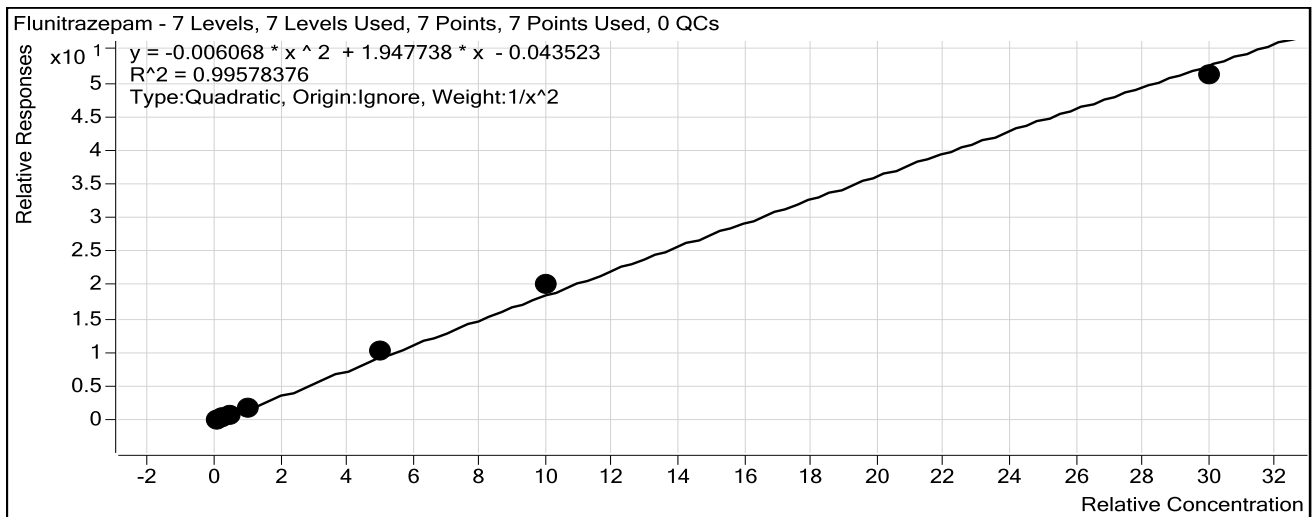


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	12.4	123.7
25 ng/mL	2	<input checked="" type="checkbox"/>	25	21.5	85.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	45.8	91.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	103.8	103.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	437.7	87.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1078.8	107.9
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2984.8	99.5

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



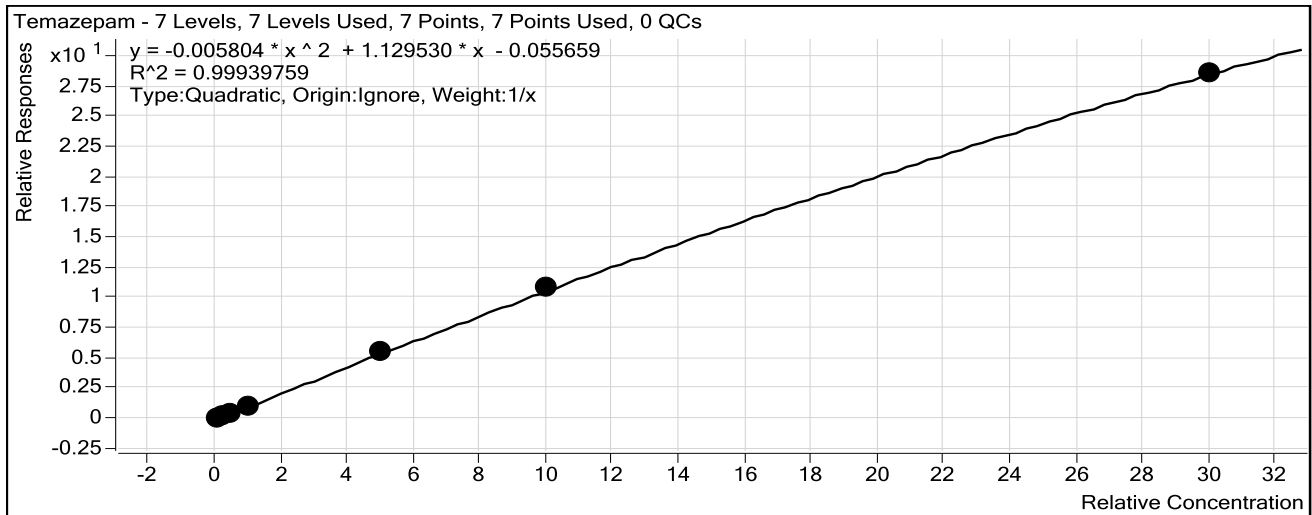
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.3	103.1
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.9	95.7
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.9	93.8
100 ng/mL	4	<input checked="" type="checkbox"/>	100	96.7	96.7
500 ng/mL	5	<input checked="" type="checkbox"/>	500	538.4	107.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1066.8	106.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2886.7	96.2

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 PM **Analyst Name** ISP TOX

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



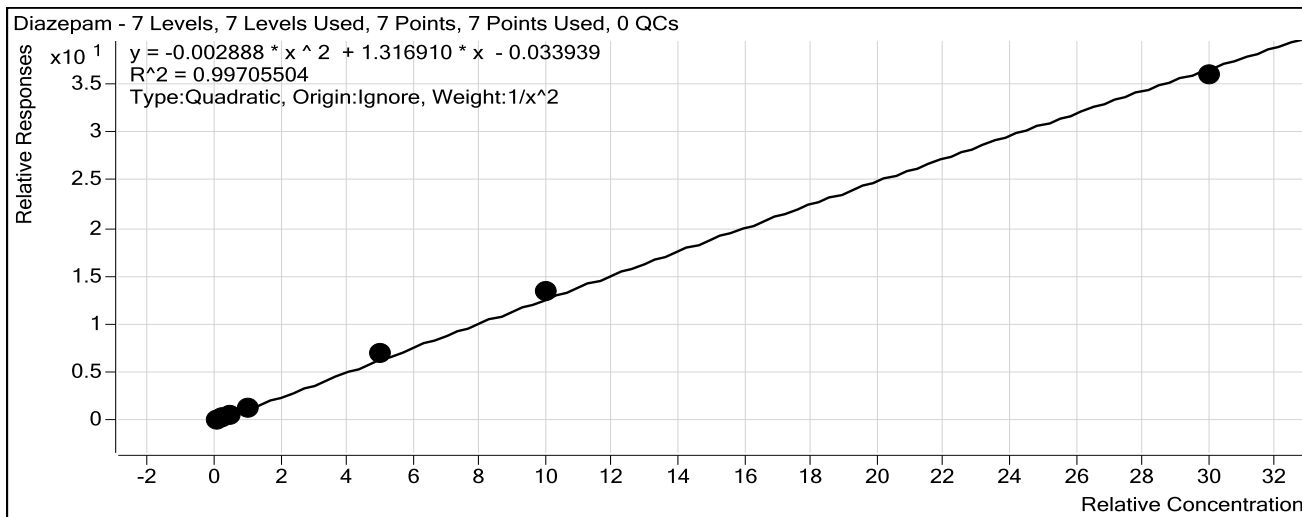
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	11.7	117.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.6	98.3
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.6	93.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	89.5	89.5
500 ng/mL	5	<input checked="" type="checkbox"/>	500	498.0	99.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1022.9	102.3
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2991.2	99.7

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.batch.bin  
**Last Calib Update** 6/28/2018 1:04 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	10.3	102.7
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.9	95.7
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.0	96.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	96.7	96.7
500 ng/mL	5	<input checked="" type="checkbox"/>	500	537.8	107.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1040.8	104.1
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2919.9	97.3

## Pocatello

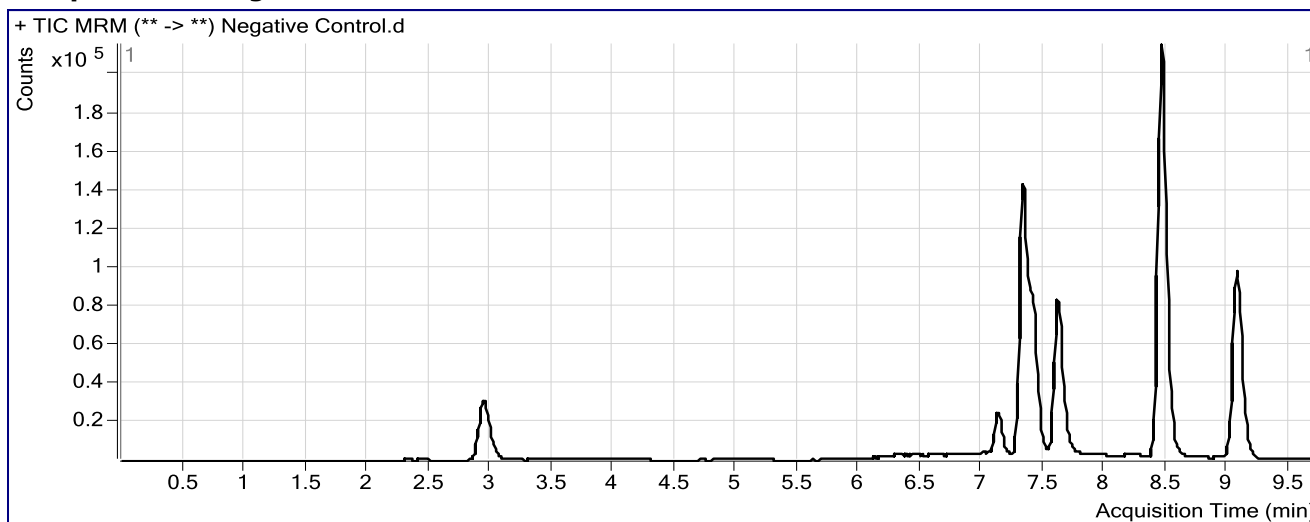
## Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 workl		
<b>Analysis Time</b>	6/28/2018 9:03 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	6/28/2018 9:07 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	6/28/2018 9:03 AM	<b>Batch State</b>	Processed

## Analysis Info

<b>Acq Time</b>	2018-06-27 13:19	<b>Data File</b>	Negative Control.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 2523
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 13 Benzo and Z by LCQQQ

## Sample Chromatogram



CS

# ISP FORENSICS

## Pocatello

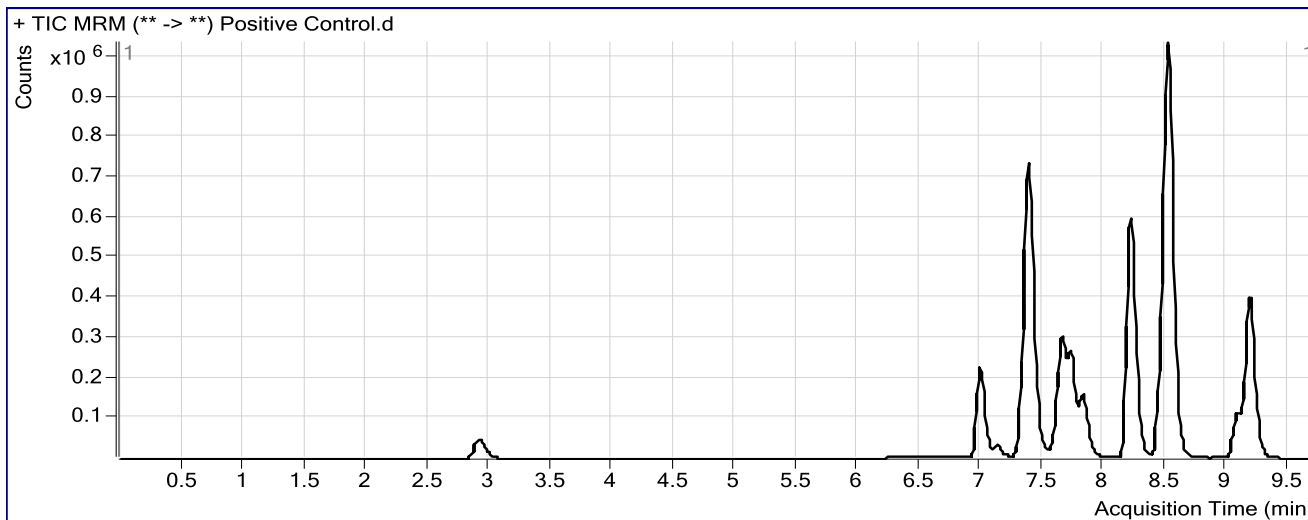
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.I		
<b>Analysis Time</b>	6/28/2018 9:03 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	6/28/2018 9:07 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	6/28/2018 9:03 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-06-27 13:03	<b>Data File</b>	Positive Control.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Positive Control
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
<b>Position</b>	P1-B2	<b>Sample Info</b>	300 ng/mL Benzodiazepines Mix Cerilliant lot FE04221402 in neg LOT POI
<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
Nitrazepam	Clonazepam-D4 ISTD	6.991	703598	362690	1.9399	371.4174
Oxazepam	Nordiazepam-D5 ISTD	7.387	1783738	216438	8.2413	353.4148
Nordiazepam	Nordiazepam-D5 ISTD	7.371	0	216438	0.0000	0.0000
Clonazepam	Clonazepam-D4 ISTD	7.654	901308	362690	2.4851	343.0704
Lorazepam	Nordiazepam-D5 ISTD	7.737	257836	216438	1.1913	342.0194
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.824	593486	92391	6.4236	300.7215
Flunitrazepam	Clonazepam-D4 ISTD	8.210	2167441	362690	5.9760	312.0872
Temazepam	Temazepam-D5 ISTD	8.521	3756284	1128616	3.3282	304.3422
Diazepam	Diazepam-D5 ISTD	9.181	1504449	338814	4.4403	342.3248

# ISP FORENSICS

## Pocatello

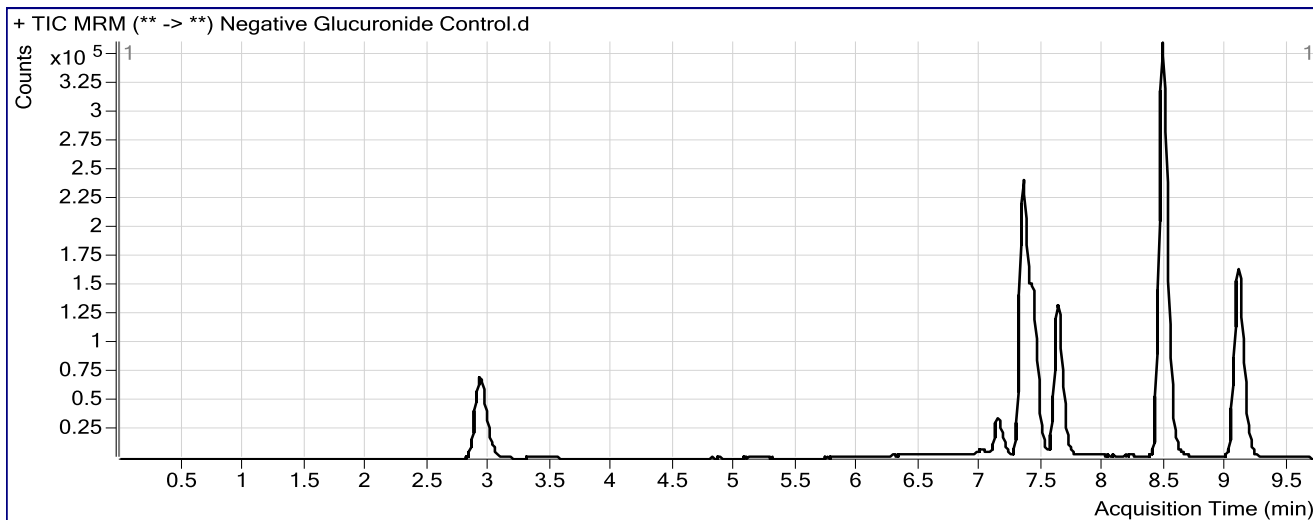
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.I  
**Analysis Time** 6/28/2018 9:03 AM **Analyst Name** ISPUser  
**Report Time** 6/28/2018 9:07 AM **Reporter Name** ISPUser  
**Last Calib Update** 6/28/2018 9:03 AM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-06-27 12:47 **Data File** Negative Glucuronide Control.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 2523  
**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	7.387	12112	270922	0.0447	5.0149

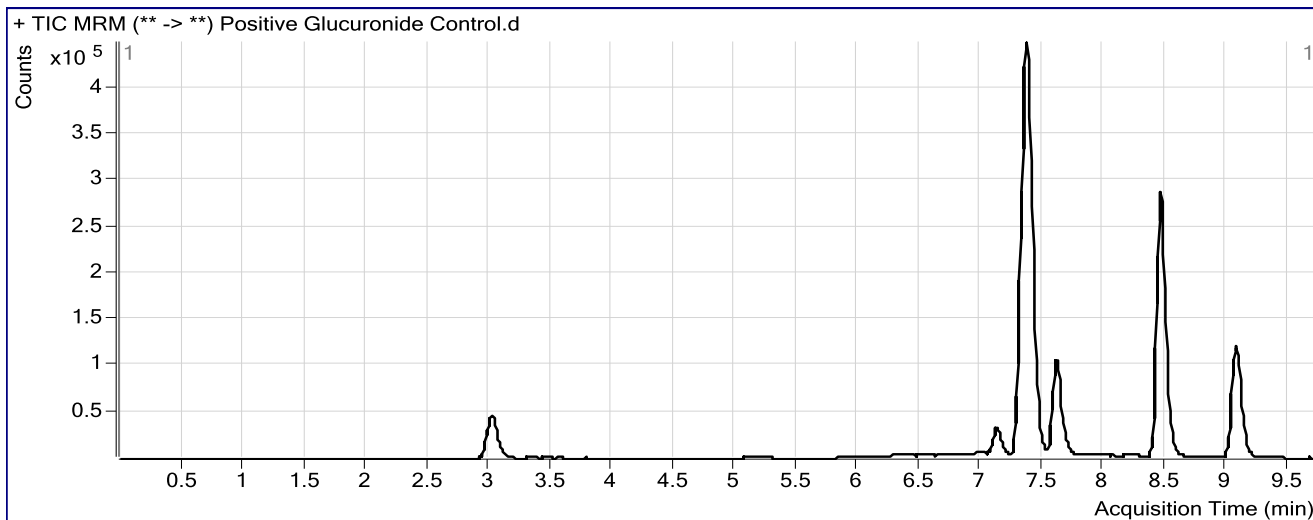
# ISP FORENSICS Pocatello Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.I  
**Analysis Time** 6/28/2018 9:03 AM **Analyst Name** ISPUser  
**Report Time** 6/28/2018 9:06 AM **Reporter Name** ISPUser  
**Last Calib Update** 6/28/2018 9:03 AM **Batch State** Processed

## Analysis Info

**Acq Time** 2018-06-27 12:32 **Data File** Positive Glucuronide Control.d  
**Sample Type** Sample **Sample Name** Positive Glucuronide Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-B3 **Sample Info** 300 ng/mL Alltech lot 715-5035 in neg lot POC112116; Worklist 2523  
**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	7.370	930480	204831	4.5427	196.7332



CS

# ISP FORENSICS

## Pocatello

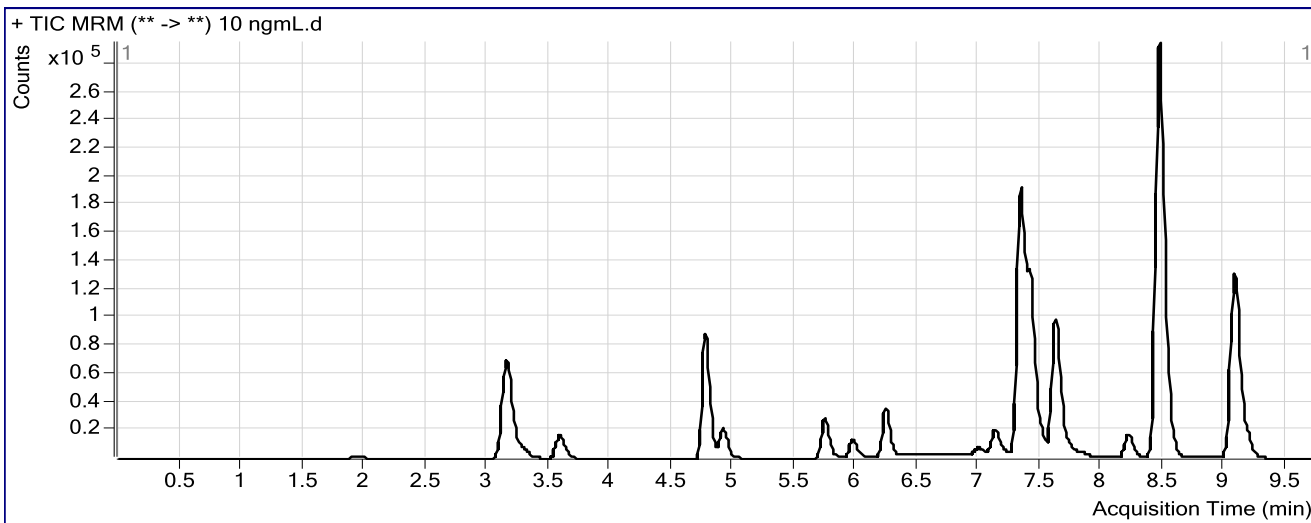
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.I		
<b>Analysis Time</b>	6/28/2018 9:03 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	6/28/2018 9:06 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	6/28/2018 9:03 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-06-27 10:27	<b>Data File</b>	10 ngmL.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	10 ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
<b>Position</b>	P1-A2	<b>Sample Info</b>	Worklist 2523
<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	1.939	9088	345734	0.0263	10.3805
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.296	23311	345734	0.0674	10.1002
zopiclone	Nordiazepam-D5 ISTD	3.591	49331	237969	0.2073	10.0470
zolpidem	Nordiazepam-D5 ISTD	4.772	299868	237969	1.2601	9.9458
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.917	69302	237969	0.2912	10.3257
quetiapine	Temazepam-D5 ISTD	5.741	74440	1202964	0.0619	9.4714
Midazolam	Clonazepam-D4 ISTD	5.970	45348	365194	0.1242	9.9875
Flurazepam	Diazepam-D5 ISTD	6.234	130346	404395	0.3223	9.8025
Nitrazepam	Clonazepam-D4 ISTD	6.982	14401	365194	0.0394	10.2420
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.179	2501	70441	0.0355	13.5870
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.203	6588	237969	0.0277	10.4638
Oxazepam	Nordiazepam-D5 ISTD	7.378	39971	237969	0.1680	10.2861
Nordiazepam	Nordiazepam-D5 ISTD	7.506	24280	237969	0.1020	10.4525
Clonazepam	Clonazepam-D4 ISTD	7.662	22545	365194	0.0617	10.2586
Lorazepam	Nordiazepam-D5 ISTD	7.729	6487	237969	0.0273	10.2886
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.824	9861	70441	0.1400	12.3678
Flunitrazepam	Clonazepam-D4 ISTD	8.210	57385	365194	0.1571	10.3055
Temazepam	Temazepam-D5 ISTD	8.521	92574	1202964	0.0770	11.7477
Diazepam	Diazepam-D5 ISTD	9.173	40939	404395	0.1012	10.2667

CS

# ISP FORENSICS

## Pocatello

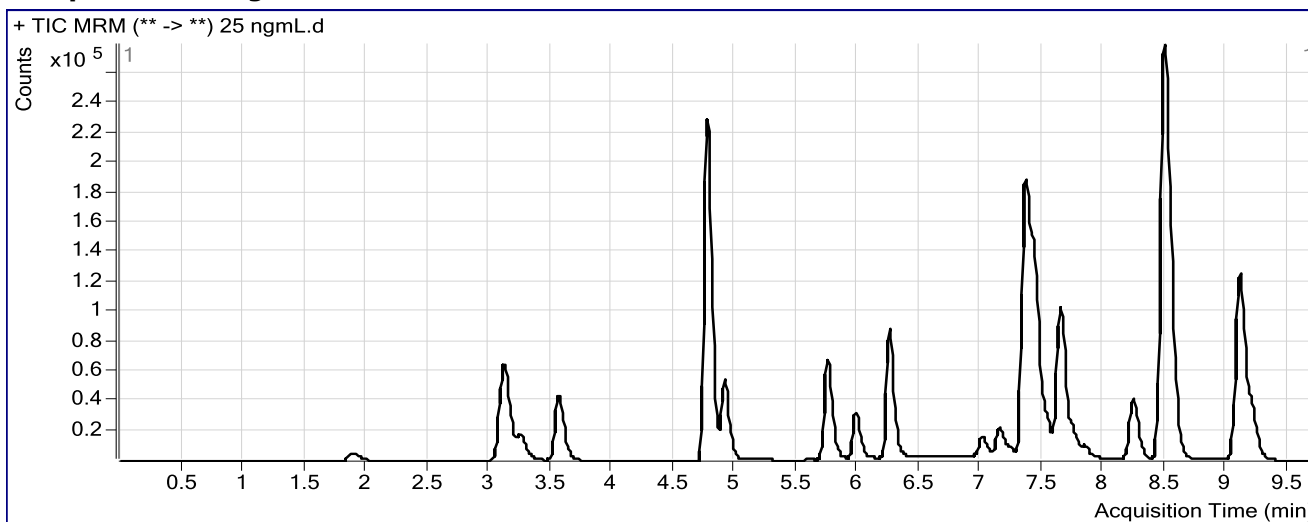
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.I		
<b>Analysis Time</b>	6/28/2018 9:03 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	6/28/2018 9:06 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	6/28/2018 9:03 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-06-27 10:43	<b>Data File</b>	25 ngmL.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	25 ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
<b>Position</b>	P1-A3	<b>Sample Info</b>	Worklist 2523
<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	1.897	23738	328031	0.0724	23.9696
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.263	63370	328031	0.1932	24.7810
zopiclone	Nordiazepam-D5 ISTD	3.566	135301	227438	0.5949	24.9846
zolpidem	Nordiazepam-D5 ISTD	4.772	767172	227438	3.3731	25.4438
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.917	174034	227438	0.7652	23.5767
quetiapine	Temazepam-D5 ISTD	5.749	177769	1104269	0.1610	26.1381
Midazolam	Clonazepam-D4 ISTD	5.979	112798	354331	0.3183	24.4201
Flurazepam	Diazepam-D5 ISTD	6.242	329905	388107	0.8500	25.6471
Nitrazepam	Clonazepam-D4 ISTD	7.008	40056	354331	0.1130	24.2782
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	7.187	5059	68840	0.0735	21.4901
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.237	15247	227438	0.0670	23.3994
Oxazepam	Nordiazepam-D5 ISTD	7.395	109751	227438	0.4826	23.7348
Nordiazepam	Nordiazepam-D5 ISTD	7.531	60014	227438	0.2639	22.8480
Clonazepam	Clonazepam-D4 ISTD	7.670	58330	354331	0.1646	24.2142
Lorazepam	Nordiazepam-D5 ISTD	7.746	17113	227438	0.0752	24.0621
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.840	23243	68840	0.3376	21.4753
Flunitrazepam	Clonazepam-D4 ISTD	8.235	149656	354331	0.4224	23.9371
Temazepam	Temazepam-D5 ISTD	8.538	244722	1104269	0.2216	24.5788
Diazepam	Diazepam-D5 ISTD	9.198	109076	388107	0.2810	23.9311

# ISP FORENSICS

## Pocatello

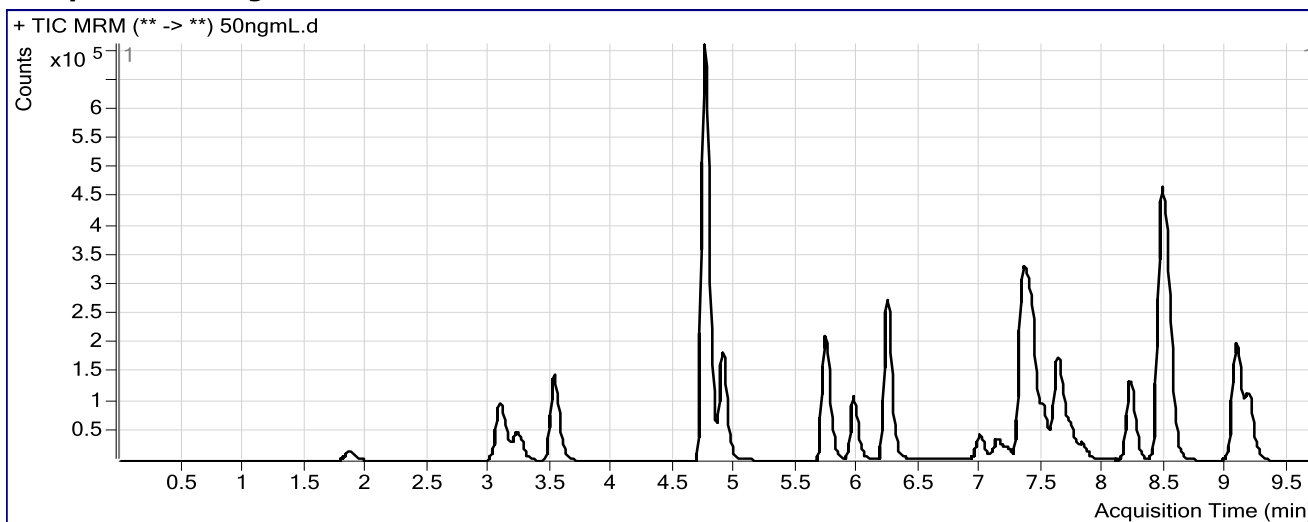
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.I		
<b>Analysis Time</b>	6/28/2018 9:03 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	6/28/2018 9:06 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	6/28/2018 9:03 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-06-27 10:58	<b>Data File</b>	50ngmL.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	50ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
<b>Position</b>	P1-A4	<b>Sample Info</b>	Worklist 2523
<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	1.864	72856	497713	0.1464	45.7758
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.229	199288	497713	0.4004	49.0088
zopiclone	Nordiazepam-D5 ISTD	3.524	445279	361724	1.2310	49.3744
zolpidem	Nordiazepam-D5 ISTD	4.755	2421454	361724	6.6942	49.9285
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.901	595254	361724	1.6456	48.1825
quetiapine	Temazepam-D5 ISTD	5.732	595648	1767219	0.3371	55.7486
Midazolam	Clonazepam-D4 ISTD	5.962	388506	563088	0.6900	52.1667
Flurazepam	Diazepam-D5 ISTD	6.225	1062885	616788	1.7233	51.9861
Nitrazepam	Clonazepam-D4 ISTD	6.991	132417	563088	0.2352	47.5545
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.171	20035	100474	0.1994	47.6895
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.212	48326	361724	0.1336	45.2382
Oxazepam	Nordiazepam-D5 ISTD	7.378	382017	361724	1.0561	48.2376
Nordiazepam	Nordiazepam-D5 ISTD	7.506	211071	361724	0.5835	47.3292
Clonazepam	Clonazepam-D4 ISTD	7.654	188424	563088	0.3346	47.3077
Lorazepam	Nordiazepam-D5 ISTD	7.729	57804	361724	0.1598	48.3145
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.823	87065	100474	0.8665	45.8348
Flunitrazepam	Clonazepam-D4 ISTD	8.210	489279	563088	0.8689	46.9149
Temazepam	Temazepam-D5 ISTD	8.512	829191	1767219	0.4692	46.5791
Diazepam	Diazepam-D5 ISTD	9.173	368440	616788	0.5974	47.9879

CS

# ISP FORENSICS

## Pocatello

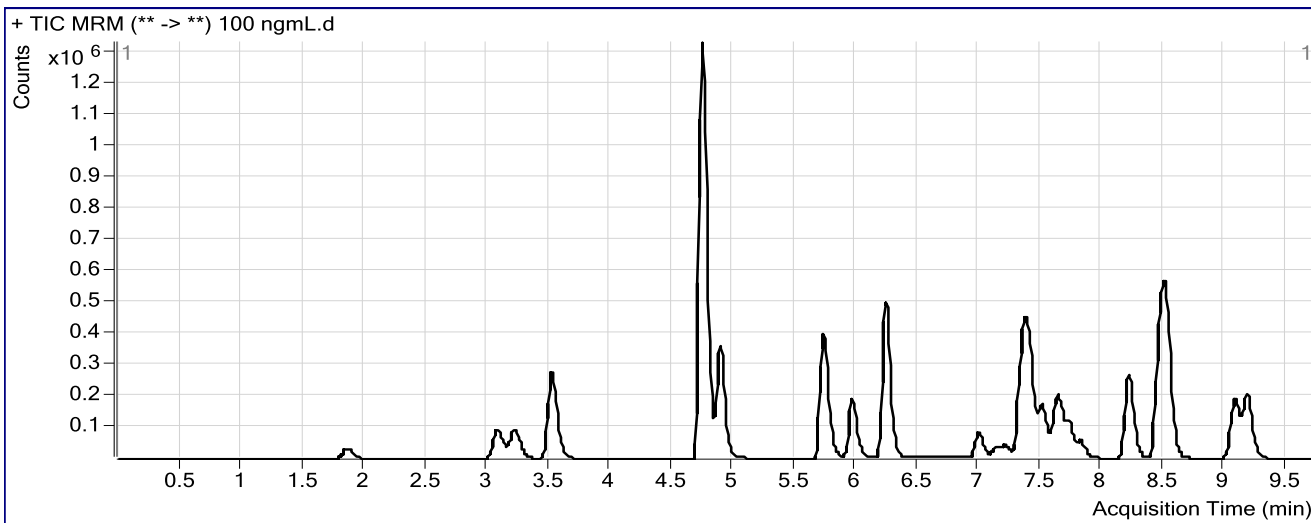
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.I		
<b>Analysis Time</b>	6/28/2018 9:03 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	6/28/2018 9:06 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	6/28/2018 9:03 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-06-27 11:14	<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 2523
<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	1.864	147758	485209	0.3045	92.2728
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.229	389820	485209	0.8034	96.2583
zopiclone	Nordiazepam-D5 ISTD	3.524	871187	350410	2.4862	97.0559
zolpidem	Nordiazepam-D5 ISTD	4.747	4623271	350410	13.1939	98.3021
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.901	1168763	350410	3.3354	95.3795
quetiapine	Temazepam-D5 ISTD	5.732	1120583	1655302	0.6770	112.9132
Midazolam	Clonazepam-D4 ISTD	5.962	713934	524765	1.3605	102.6517
Flurazepam	Diazepam-D5 ISTD	6.234	1962958	578472	3.3934	102.7876
Nitrazepam	Clonazepam-D4 ISTD	6.991	254996	524765	0.4859	95.3189
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.162	36532	101836	0.3587	80.8597
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.212	100522	350410	0.2869	95.3364
Oxazepam	Nordiazepam-D5 ISTD	7.378	770121	350410	2.1978	96.9482
Nordiazepam	Nordiazepam-D5 ISTD	7.515	434427	350410	1.2398	97.5850
Clonazepam	Clonazepam-D4 ISTD	7.654	360064	524765	0.6861	95.1892
Lorazepam	Nordiazepam-D5 ISTD	7.737	107435	350410	0.3066	90.3548
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.823	216596	101836	2.1269	103.8121
Flunitrazepam	Clonazepam-D4 ISTD	8.210	962818	524765	1.8348	96.7255
Temazepam	Temazepam-D5 ISTD	8.521	1572705	1655302	0.9501	89.4536
Diazepam	Diazepam-D5 ISTD	9.173	715102	578472	1.2362	96.6526

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# ISP FORENSICS

## Pocatello

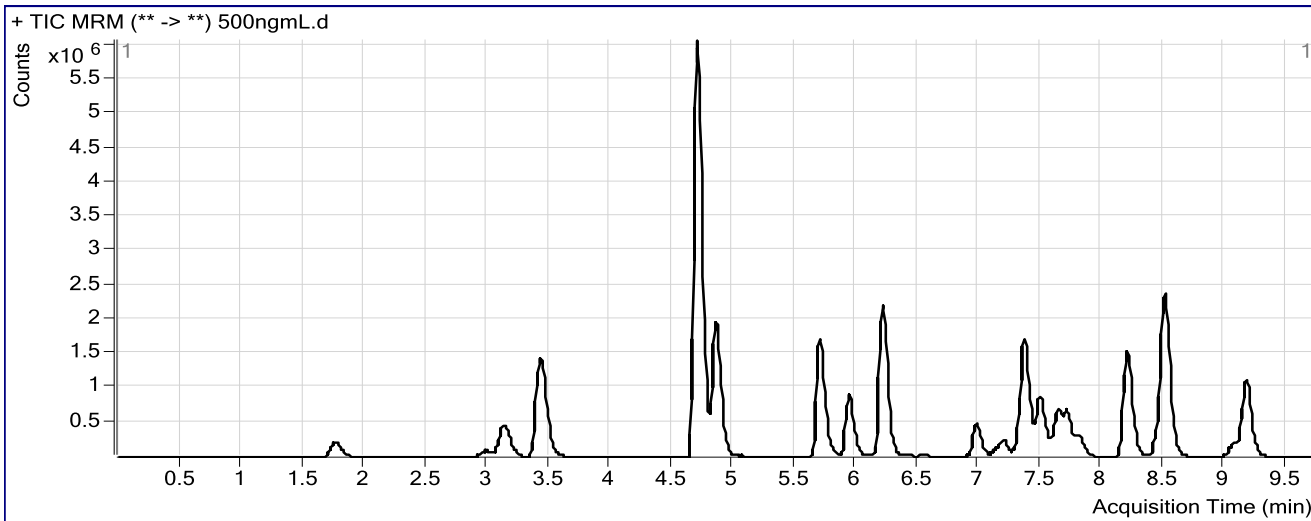
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.I		
<b>Analysis Time</b>	6/28/2018 9:03 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	6/28/2018 9:06 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	6/28/2018 9:03 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-06-27 11:30	<b>Data File</b>	500ngmL.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	500ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
<b>Position</b>	P1-A6	<b>Sample Info</b>	Worklist 2523
<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	1.765	938412	491123	1.9107	557.5356
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.146	2161956	491123	4.4021	526.2544
zopiclone	Nordiazepam-D5 ISTD	3.432	4996269	341810	14.6171	530.9733
zolpidem	Nordiazepam-D5 ISTD	4.705	22485014	341810	65.7822	514.9216
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.859	6633819	341810	19.4079	542.3268
quetiapine	Temazepam-D5 ISTD	5.699	4904848	1650939	2.9709	498.7021
Midazolam	Clonazepam-D4 ISTD	5.936	3421117	543809	6.2910	492.2741
Flurazepam	Diazepam-D5 ISTD	6.208	9167557	597041	15.3550	484.7870
Nitrazepam	Clonazepam-D4 ISTD	6.974	1512379	543809	2.7811	530.4751
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.145	242887	104938	2.3146	489.4254
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.195	593497	341810	1.7363	556.7488
Oxazepam	Nordiazepam-D5 ISTD	7.370	4298512	341810	12.5757	535.9369
Nordiazepam	Nordiazepam-D5 ISTD	7.498	2416795	341810	7.0706	543.7599
Clonazepam	Clonazepam-D4 ISTD	7.645	2157129	543809	3.9667	550.9492
Lorazepam	Nordiazepam-D5 ISTD	7.712	654119	341810	1.9137	545.4310
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.807	989292	104938	9.4274	437.7039
Flunitrazepam	Clonazepam-D4 ISTD	8.201	5583747	543809	10.2678	538.4336
Temazepam	Temazepam-D5 ISTD	8.505	8957805	1650939	5.4259	498.0390
Diazepam	Diazepam-D5 ISTD	9.165	4158108	597041	6.9645	537.7724

CJ

# ISP FORENSICS

## Pocatello

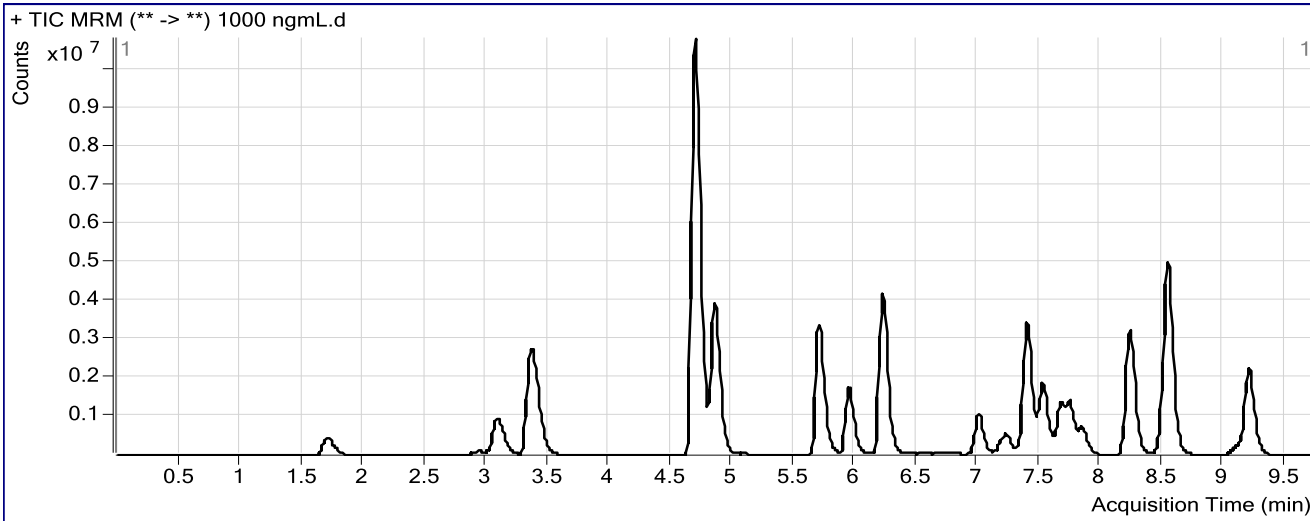
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.I  
**Analysis Time** 6/28/2018 9:03 AM **Analyst Name** ISPUser  
**Report Time** 6/28/2018 9:06 AM **Reporter Name** ISPUser  
**Last Calib Update** 6/28/2018 9:03 AM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-06-27 11:45 **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 2523  
**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	1.715	2026935	533946	3.7961	1088.3520
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.096	4473199	533946	8.3776	1019.5413
zopiclone	Nordiazepam-D5 ISTD	3.365	10484185	369813	28.3500	974.9501
zolpidem	Nordiazepam-D5 ISTD	4.697	42896544	369813	115.9952	967.2162
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.859	13973677	369813	37.7858	1049.1084
quetiapine	Temazepam-D5 ISTD	5.707	10103783	1812836	5.5735	936.3805
Midazolam	Clonazepam-D4 ISTD	5.945	6858091	600150	11.4273	940.4222
Flurazepam	Diazepam-D5 ISTD	6.217	18010021	657255	27.4019	908.9044
Nitrazepam	Clonazepam-D4 ISTD	6.999	3388574	600150	5.6462	1068.6812
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.179	582464	117591	4.9533	1044.8038
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.229	1277165	369813	3.4535	1077.3127
Oxazepam	Nordiazepam-D5 ISTD	7.395	9096812	369813	24.5984	1036.2323
Nordiazepam	Nordiazepam-D5 ISTD	7.523	5135023	369813	13.8855	1064.4476
Clonazepam	Clonazepam-D4 ISTD	7.670	4402467	600150	7.3356	1037.0983
Lorazepam	Nordiazepam-D5 ISTD	7.746	1425161	369813	3.8537	1082.7566
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.840	2780622	117591	23.6465	1078.8380
Flunitrazepam	Clonazepam-D4 ISTD	8.227	12029152	600150	20.0436	1066.7529
Temazepam	Temazepam-D5 ISTD	8.538	19743393	1812836	10.8909	1022.8832
Diazepam	Diazepam-D5 ISTD	9.198	8780490	657255	13.3593	1040.7738

CJ

# ISP FORENSICS

## Pocatello

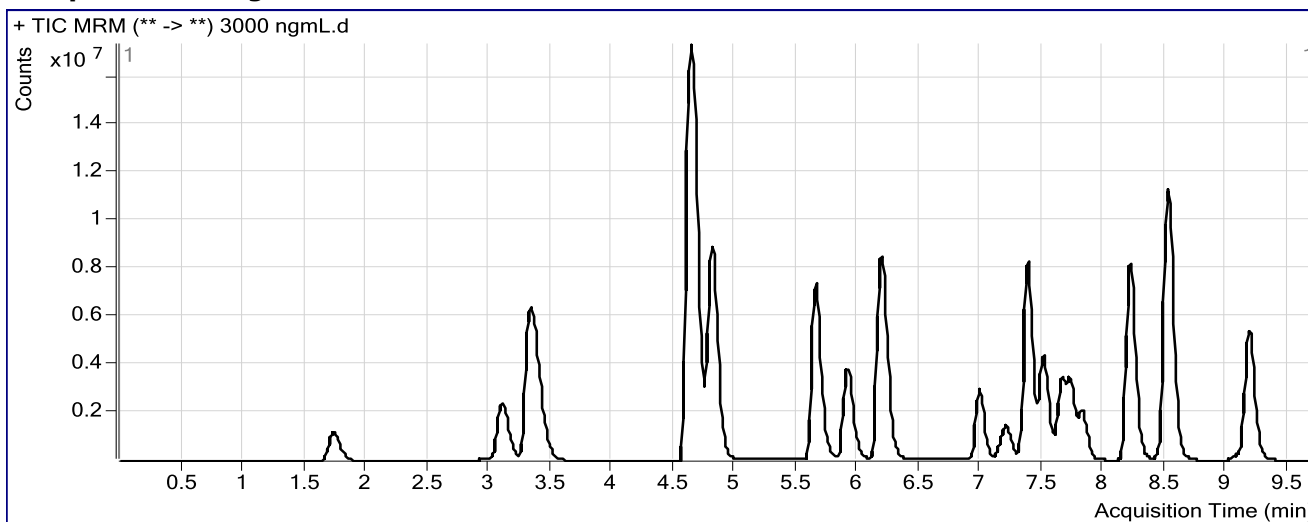
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2523 Urine 062718 CS\QuantResults\am 13 worklist 2523 CS.I  
**Analysis Time** 6/28/2018 9:03 AM **Analyst Name** ISPUser  
**Report Time** 6/28/2018 9:06 AM **Reporter Name** ISPUser  
**Last Calib Update** 6/28/2018 9:03 AM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-06-27 12:01 **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 2523  
**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	1.740	5534690	523273	10.5771	2880.3031
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.112	11703577	523273	22.3661	2949.9814
zopiclone	Nordiazepam-D5 ISTD	3.340	29061034	327185	88.8214	2572.6210
zolpidem	Nordiazepam-D5 ISTD	4.638	83439958	327185	255.0236	3057.0645
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.817	35012644	327185	107.0117	2919.0828
quetiapine	Temazepam-D5 ISTD	5.649	24649426	1665303	14.8018	2488.3464
Midazolam	Clonazepam-D4 ISTD	5.911	17155866	605128	28.3508	3142.5231
Flurazepam	Diazepam-D5 ISTD	6.183	42917734	608576	70.5216	3248.0540
Nitrazepam	Clonazepam-D4 ISTD	6.982	9488145	605128	15.6796	2911.8105
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.162	1713877	122409	14.0012	2987.1479
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.212	3317229	327185	10.1387	2896.9924
Oxazepam	Nordiazepam-D5 ISTD	7.378	23624210	327185	72.2044	2938.1922
Nordiazepam	Nordiazepam-D5 ISTD	7.506	12429079	327185	37.9879	2899.2303
Clonazepam	Clonazepam-D4 ISTD	7.654	11506396	605128	19.0148	2902.7776
Lorazepam	Nordiazepam-D5 ISTD	7.729	3510423	327185	10.7292	2893.2122
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.823	8259641	122409	67.4756	2984.7535
Flunitrazepam	Clonazepam-D4 ISTD	8.210	30937163	605128	51.1250	2886.6558
Temazepam	Temazepam-D5 ISTD	8.512	47524186	1665303	28.5379	2991.1549
Diazepam	Diazepam-D5 ISTD	9.173	21882174	608576	35.9564	2919.8797