










**Worklist: 2751**

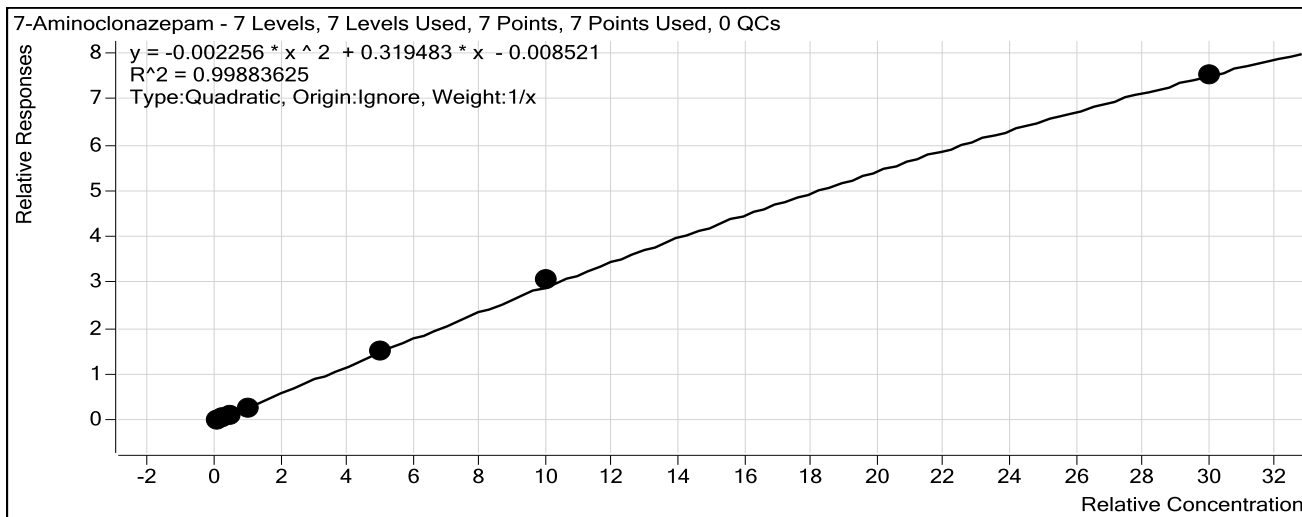
<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
M2018-4757	1	129672	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-5040	4	129673	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-5075	1	129674	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-5076	2	129675	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-2802	1	129676	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-2833	1	129677	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-2897	1	129678	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-2916	2	129679	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-2962	1	129680	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



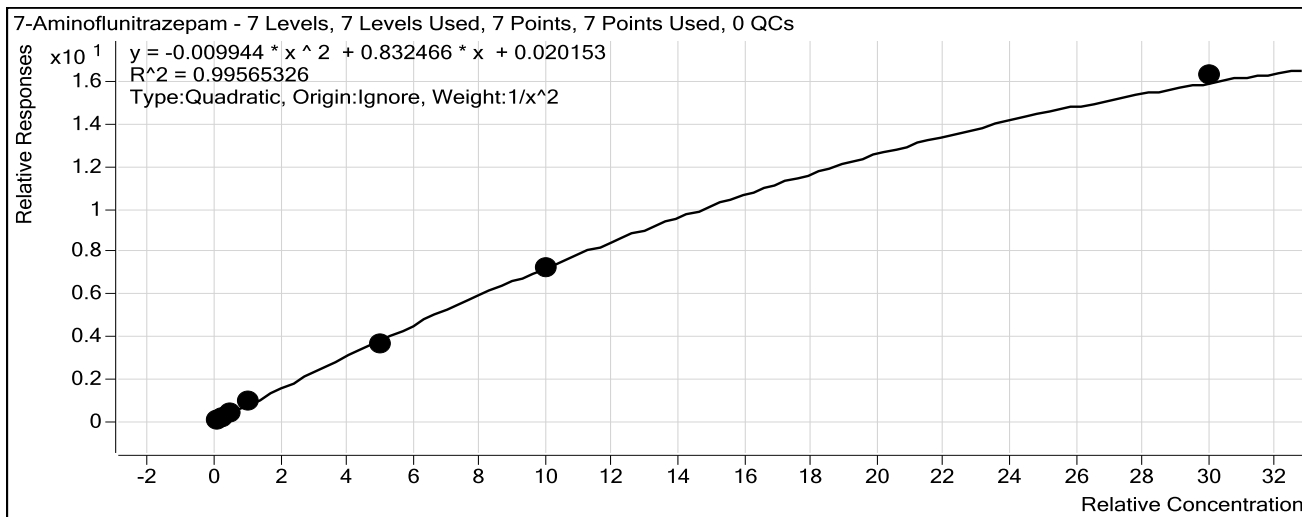
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	12.8	127.8
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.1	88.3
50 ng/mL	3	<input checked="" type="checkbox"/>	50	45.6	91.3
100 ng/mL	4	<input checked="" type="checkbox"/>	100	91.9	91.9
500 ng/mL	5	<input checked="" type="checkbox"/>	500	486.2	97.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1039.9	104.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2984.6	99.5

# ISP Forensics Calibration Curve Report

CJ

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



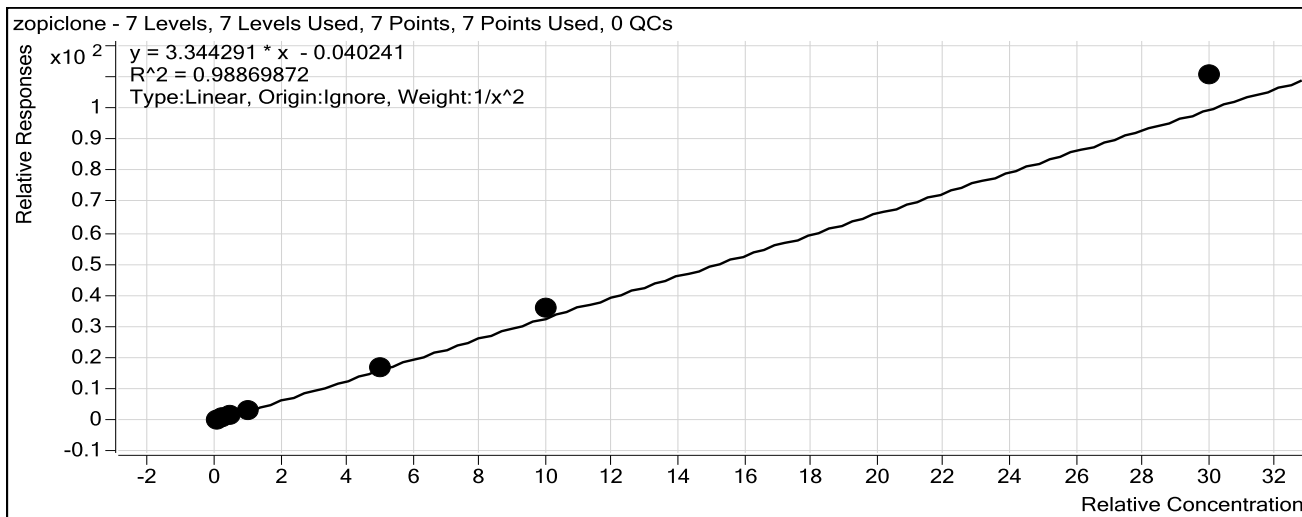
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.1	101.1
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.5	94.0
50 ng/mL	3	<input checked="" type="checkbox"/>	50	51.6	103.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	108.3	108.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	463.3	92.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	988.1	98.8
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3123.9	104.1

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



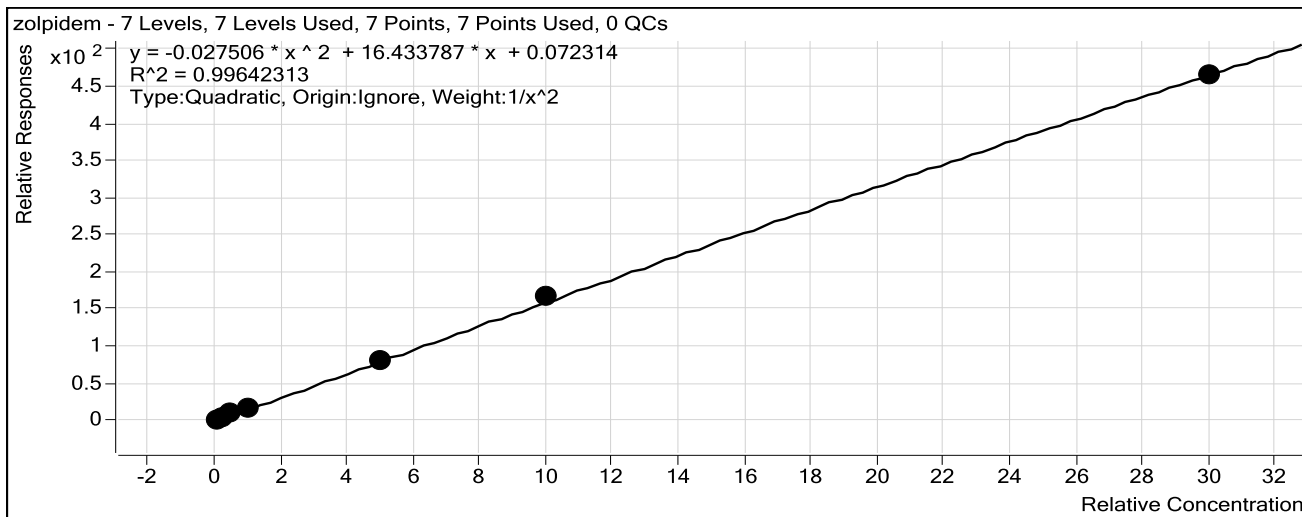
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.7	107.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	21.5	86.1
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.4	92.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	93.3	93.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	509.8	102.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1080.0	108.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3306.6	110.2

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



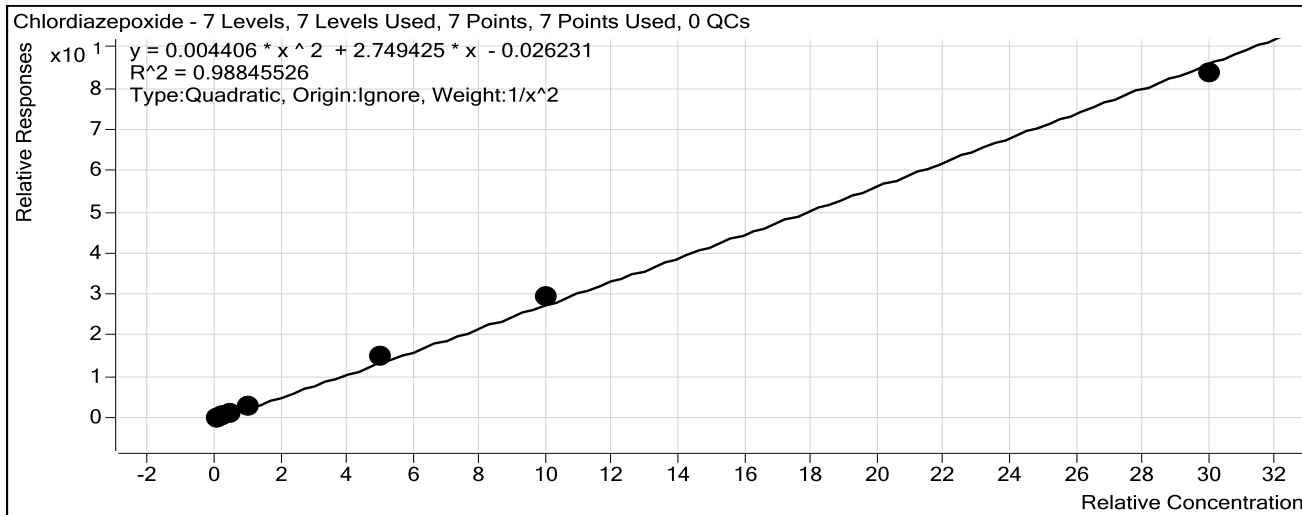
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.3	103.1
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.5	89.8
50 ng/mL	3	<input checked="" type="checkbox"/>	50	51.2	102.5
100 ng/mL	4	<input checked="" type="checkbox"/>	100	104.7	104.7
500 ng/mL	5	<input checked="" type="checkbox"/>	500	487.7	97.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1031.1	103.1
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2975.9	99.2

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



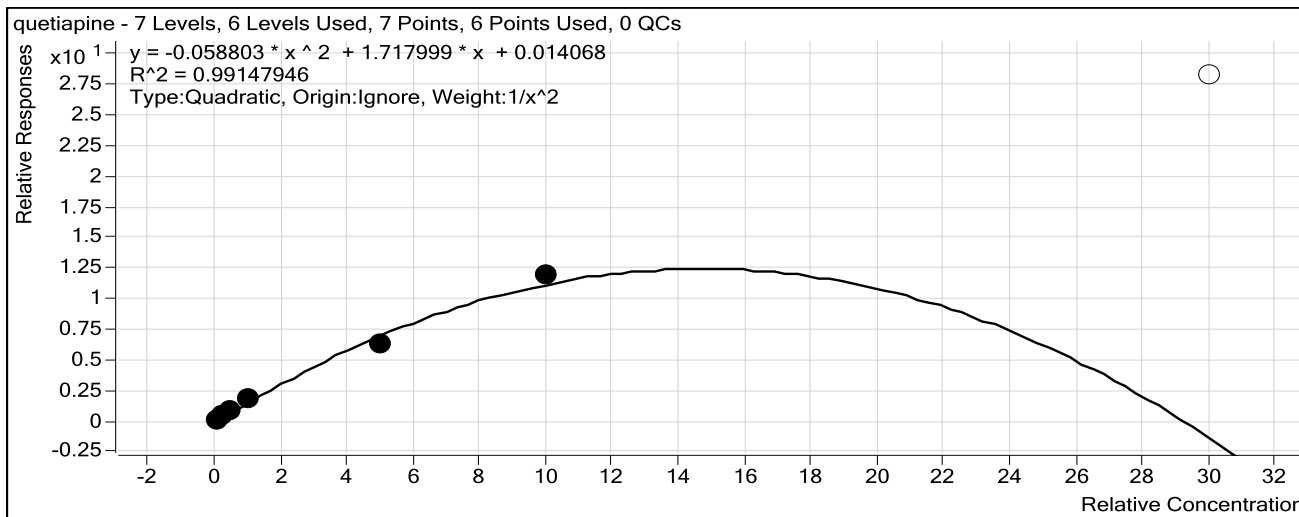
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.8	107.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	20.3	81.3
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.9	97.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	101.7	101.7
500 ng/mL	5	<input checked="" type="checkbox"/>	500	543.7	108.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1061.1	106.1
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2904.8	96.8

# ISP Forensics Calibration Curve Report

cg

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



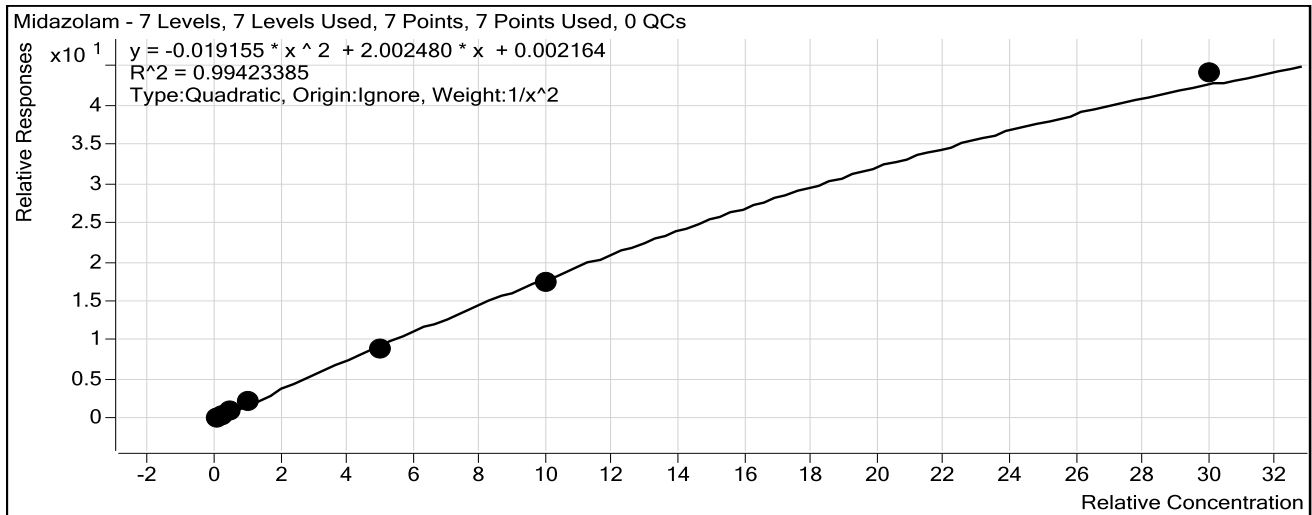
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.2	101.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.3	93.1
50 ng/mL	3	<input checked="" type="checkbox"/>	50	51.0	101.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	109.3	109.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	433.6	86.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1138.8	113.9
3000 ng/mL	7	<input type="checkbox"/>	3000	0.0	0.0

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **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	10.1	100.9
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.5	93.8
50 ng/mL	3	<input checked="" type="checkbox"/>	50	51.9	103.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	110.2	110.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	462.9	92.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	952.7	95.3
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3149.9	105.0

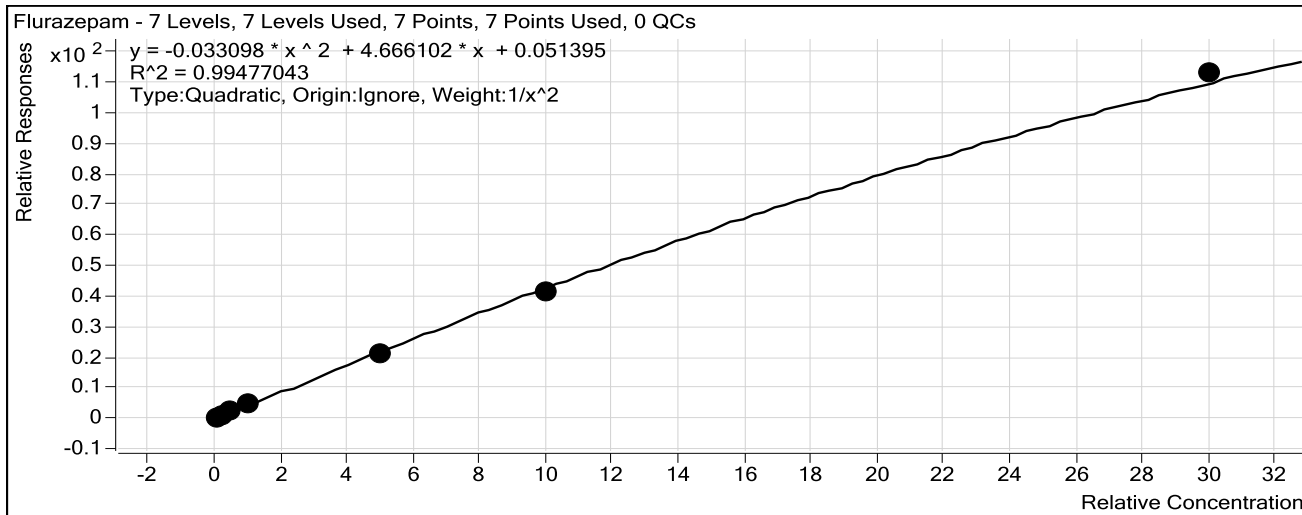


# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



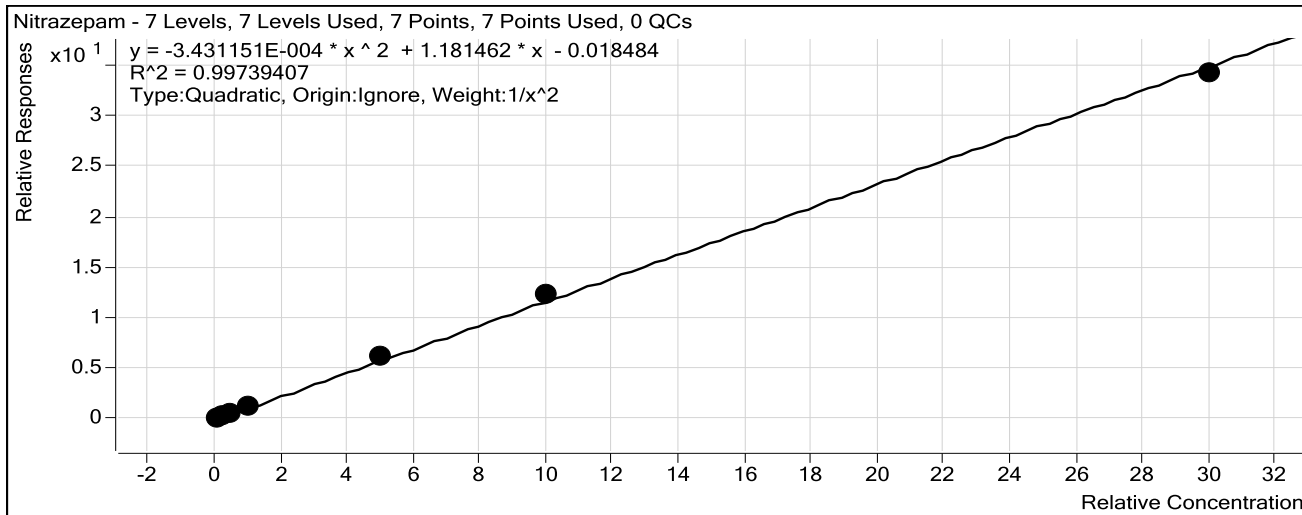
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.1	101.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.2	92.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	51.6	103.3
100 ng/mL	4	<input checked="" type="checkbox"/>	100	110.0	110.0
500 ng/mL	5	<input checked="" type="checkbox"/>	500	470.6	94.1
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	957.3	95.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3095.7	103.2

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **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	10.3	103.0
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.6	94.5
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.0	96.1
100 ng/mL	4	<input checked="" type="checkbox"/>	100	98.5	98.5
500 ng/mL	5	<input checked="" type="checkbox"/>	500	524.5	104.9
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1055.4	105.5
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2923.7	97.5

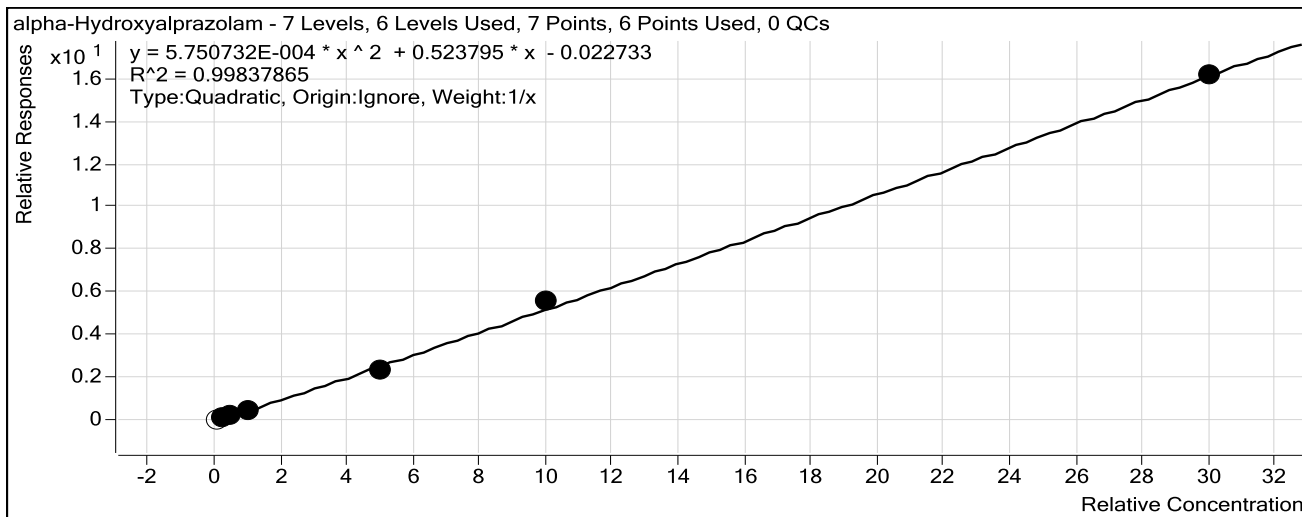
# ISP Forensics Calibration Curve Report

Samples cannot be reported as  
inconclusive for this compound  
in this batch. *CS*

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13  
worklist 2751 CS.batch.bin

**Last Calib Update** 10/24/2018 11:40 AM      **Analyst Name** ISP TOX

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



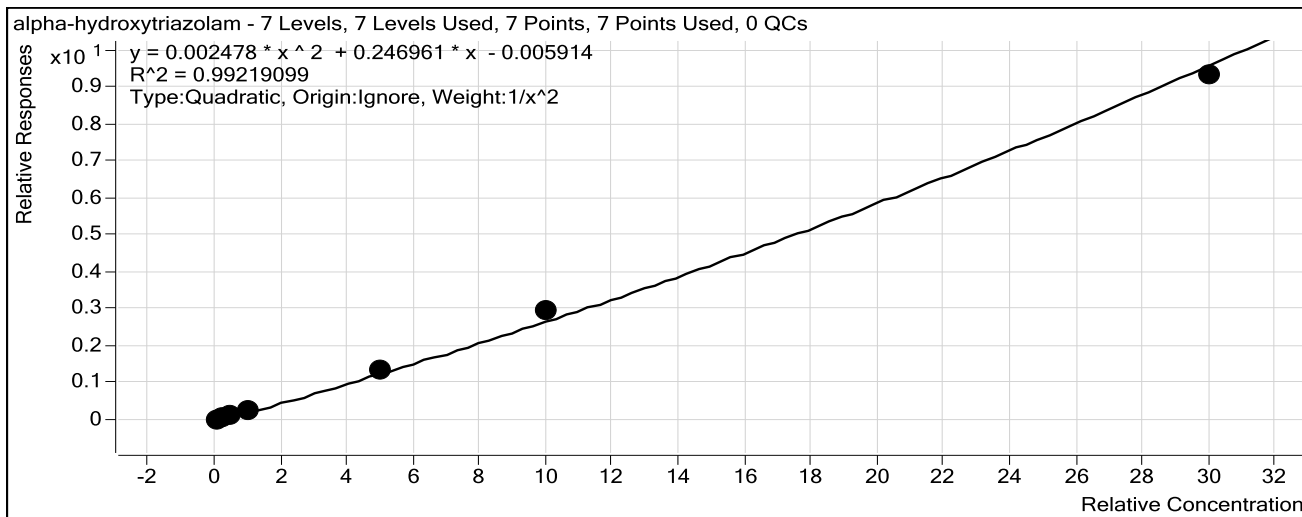
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input type="checkbox"/>	10	13.4	134.2
25 ng/mL	2	<input checked="" type="checkbox"/>	25	27.5	109.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.5	94.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	98.6	98.6
500 ng/mL	5	<input checked="" type="checkbox"/>	500	457.8	91.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1054.3	105.4
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2989.4	99.6

# ISP Forensics Calibration Curve Report

CJ

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



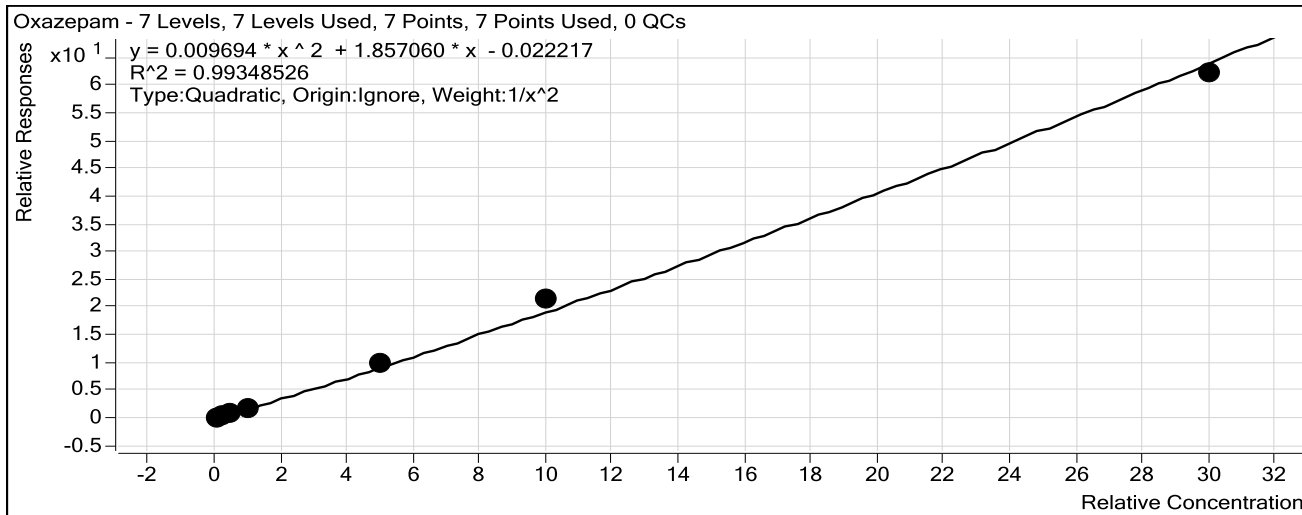
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.6	106.2
25 ng/mL	2	<input checked="" type="checkbox"/>	25	21.2	84.8
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.7	99.4
100 ng/mL	4	<input checked="" type="checkbox"/>	100	98.0	98.0
500 ng/mL	5	<input checked="" type="checkbox"/>	500	523.9	104.8
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1088.4	108.8
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2919.9	97.3

# ISP Forensics Calibration Curve Report

CJ

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **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	10.5	105.4
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.1	88.2
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.9	95.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	99.4	99.4
500 ng/mL	5	<input checked="" type="checkbox"/>	500	524.1	104.8
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1090.7	109.1
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2907.6	96.9

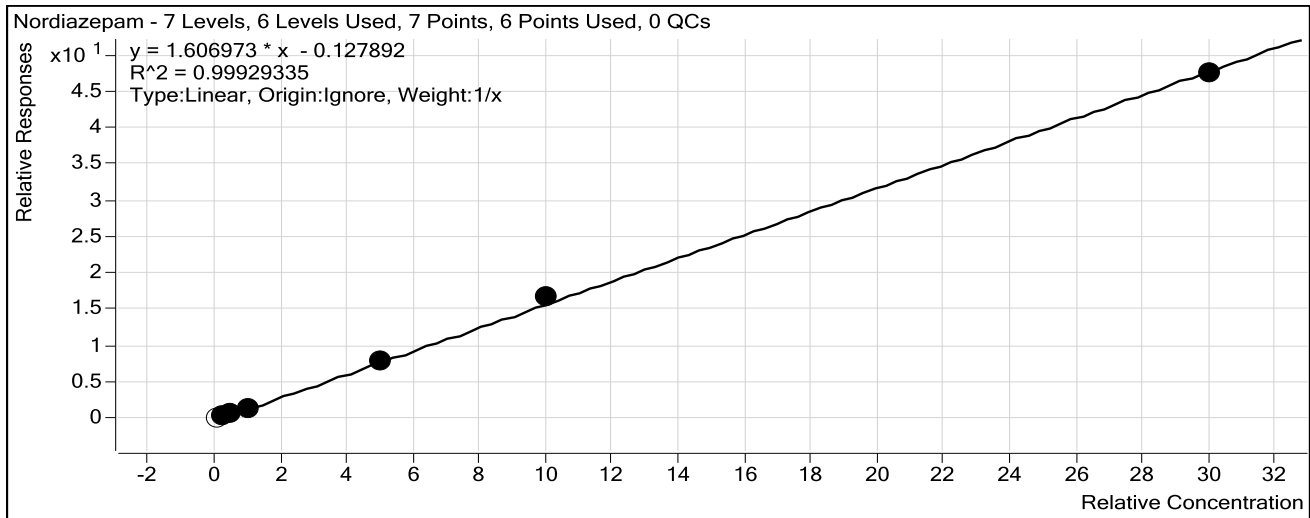
# ISP Forensics Calibration Curve Report

Samples cannot be reported as  
inconclusive for this compound  
in this batch. *CS*

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13  
worklist 2751 CS.batch.bin

**Last Calib Update** 10/24/2018 11:40 AM      **Analyst Name** ISP TOX

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



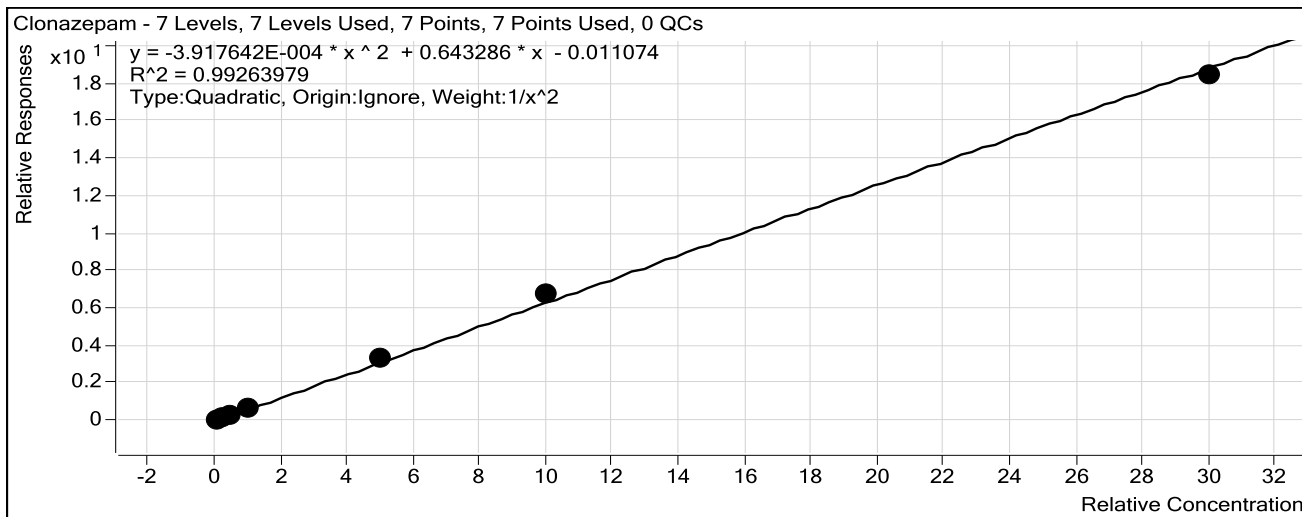
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input type="checkbox"/>	10	16.6	165.7
25 ng/mL	2	<input checked="" type="checkbox"/>	25	25.7	102.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.1	98.1
100 ng/mL	4	<input checked="" type="checkbox"/>	100	97.1	97.1
500 ng/mL	5	<input checked="" type="checkbox"/>	500	491.5	98.3
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1047.6	104.8
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2964.0	98.8

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



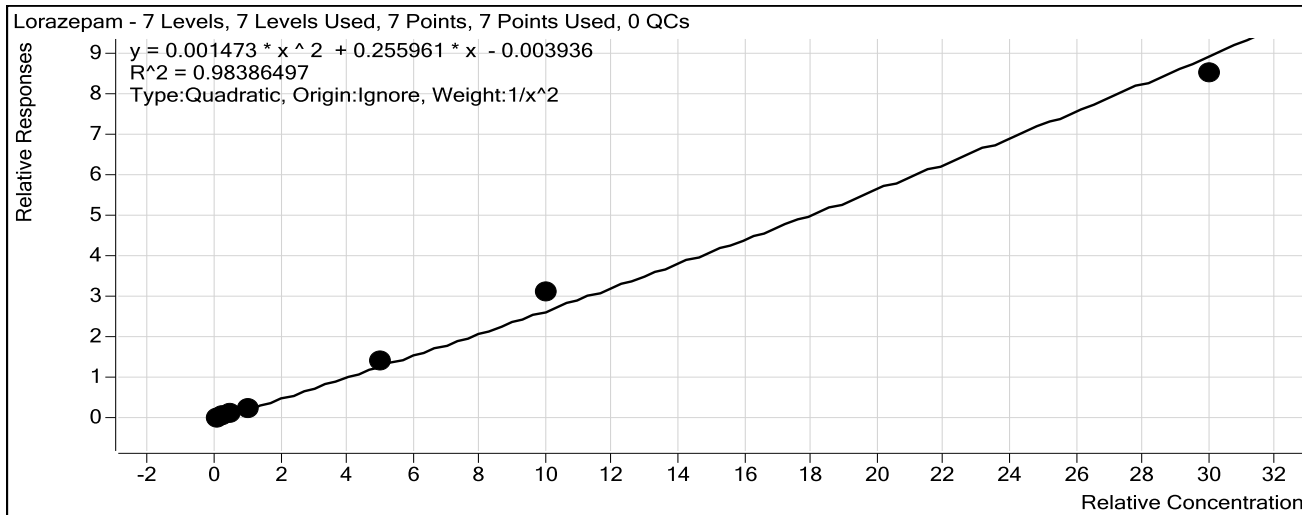
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.6	105.8
25 ng/mL	2	<input checked="" type="checkbox"/>	25	21.5	86.0
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.9	95.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	104.7	104.7
500 ng/mL	5	<input checked="" type="checkbox"/>	500	525.1	105.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1054.8	105.5
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2918.5	97.3

# ISP Forensics Calibration Curve Report

eg

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **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	10.8	108.4
25 ng/mL	2	<input checked="" type="checkbox"/>	25	20.7	82.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	44.7	89.4
100 ng/mL	4	<input checked="" type="checkbox"/>	100	102.8	102.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	532.2	106.4
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1143.1	114.3
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2858.8	95.3

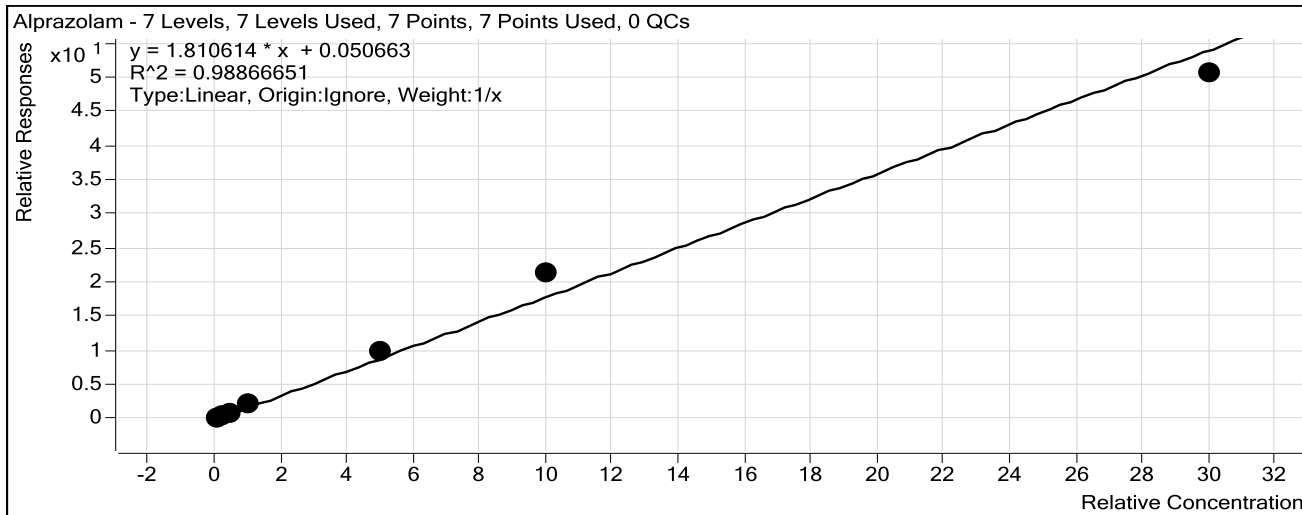


# ISP Forensics Calibration Curve Report

CJ

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



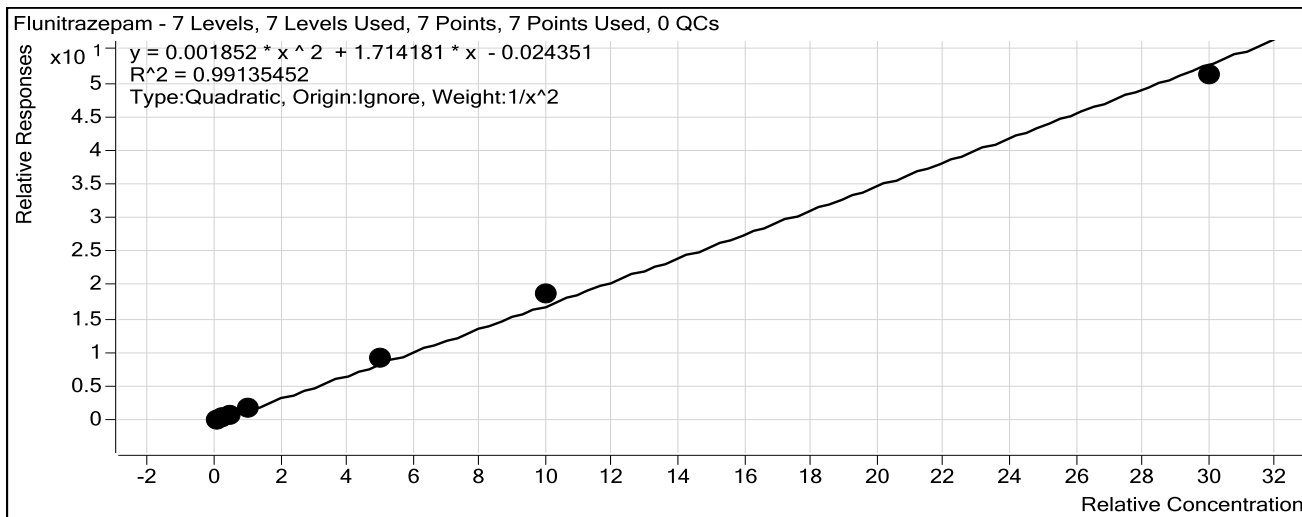
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.8	108.0
25 ng/mL	2	<input checked="" type="checkbox"/>	25	20.5	81.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	40.8	81.5
100 ng/mL	4	<input checked="" type="checkbox"/>	100	110.4	110.4
500 ng/mL	5	<input checked="" type="checkbox"/>	500	539.8	108.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1170.8	117.1
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2791.9	93.1

# ISP Forensics Calibration Curve Report

CJ

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



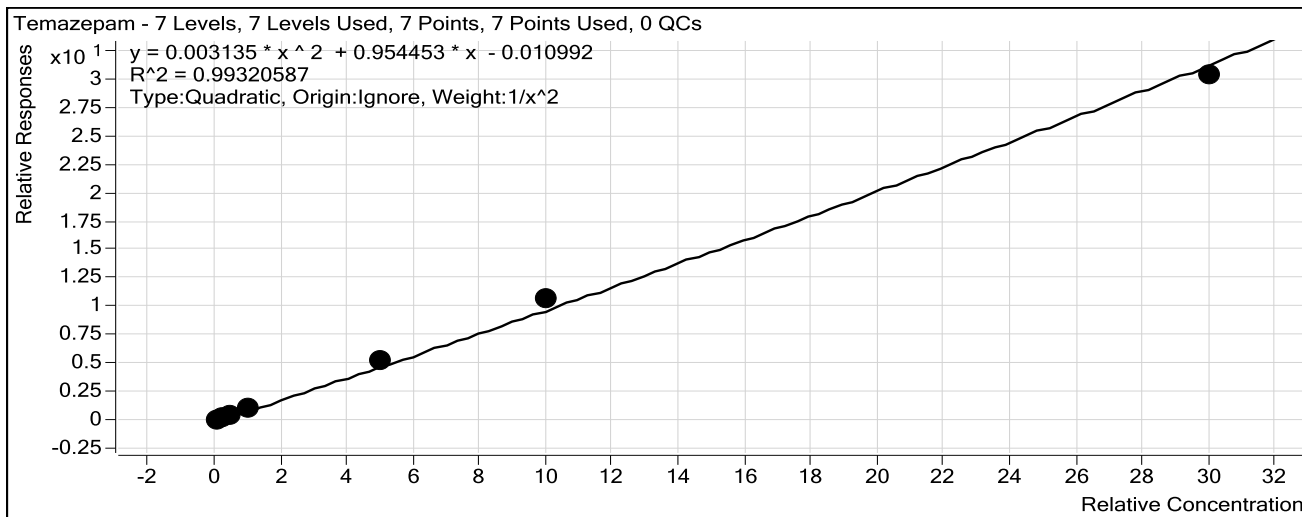
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.6	106.2
25 ng/mL	2	<input checked="" type="checkbox"/>	25	21.7	86.8
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.5	92.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	102.8	102.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	532.0	106.4
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1084.2	108.4
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2891.8	96.4

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **Analyst Name** ISP TOX

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



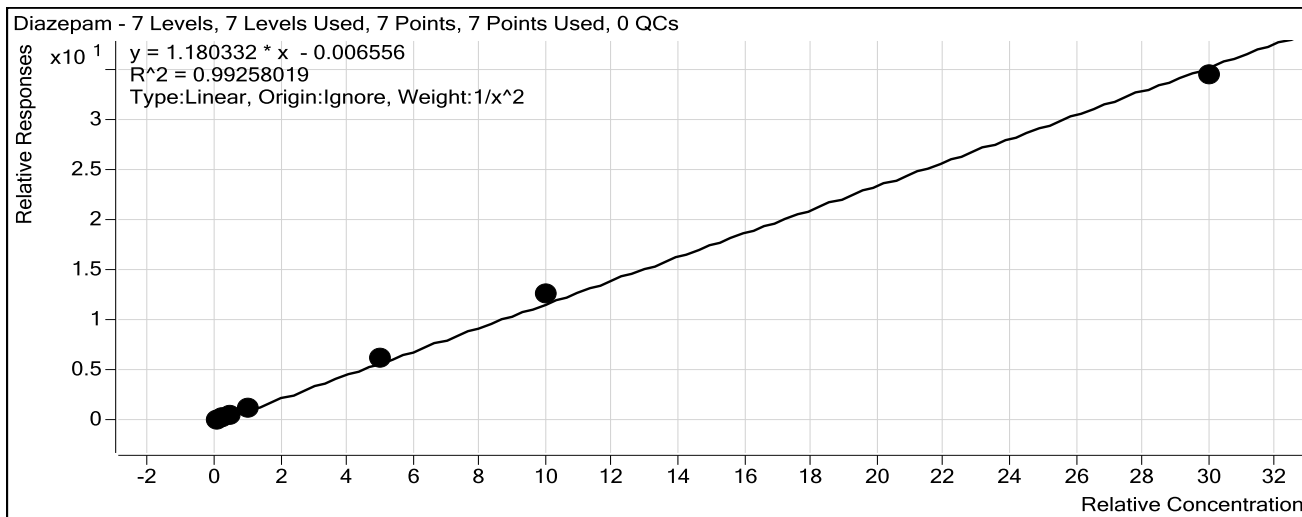
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.5	105.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.4	89.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.3	92.6
100 ng/mL	4	<input checked="" type="checkbox"/>	100	101.0	101.0
500 ng/mL	5	<input checked="" type="checkbox"/>	500	530.8	106.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1084.6	108.5
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2901.6	96.7

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.batch.bin  
**Last Calib Update** 10/24/2018 11:40 AM **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	10.6	105.9
25 ng/mL	2	<input checked="" type="checkbox"/>	25	21.7	86.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.3	94.6
100 ng/mL	4	<input checked="" type="checkbox"/>	100	102.3	102.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	533.0	106.6
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1066.5	106.6
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2913.5	97.1

## Pocatello

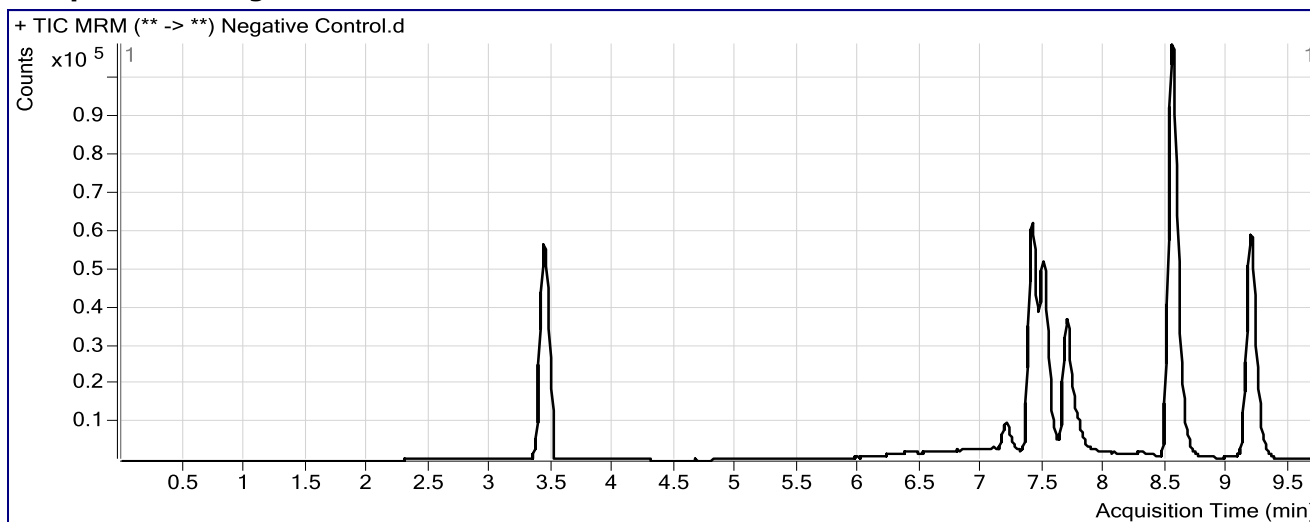
## Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 workl  
**Analysis Time** 10/24/2018 11:40 AM **Analyst Name** ISPUser  
**Report Time** 10/24/2018 12:47 PM **Reporter Name** ISPUser  
**Last Calib Update** 10/24/2018 11:40 AM **Batch State** Processed

## Analysis Info

**Acq Time** 2018-10-23 17:06 **Data File** Negative Control.d  
**Sample Type** Sample **Sample Name** Negative Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-B1 **Sample Info** Negative Urine lot POC062718; Worklist 2751  
**Inj Vol** -1 **Comment** AM 13 Benzo and Z by LCQQQ

## Sample Chromatogram



CS

# ISP FORENSICS

## Pocatello

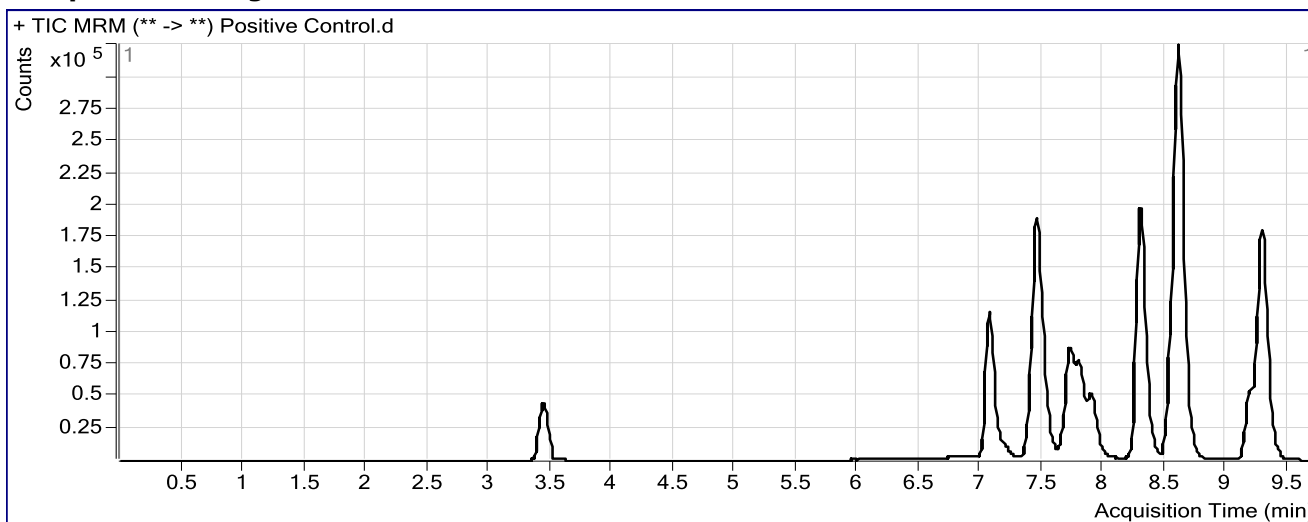
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.I  
**Analysis Time** 10/24/2018 11:40 AM **Analyst Name** ISPUser  
**Report Time** 10/24/2018 12:47 PM **Reporter Name** ISPUser  
**Last Calib Update** 10/24/2018 11:40 AM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-10-23 16:51 **Data File** Positive Control.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 POI  
**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-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.555	5366	183491	0.0292	1.0924
Nitrazepam	Clonazepam-D4 ISTD	7.067	391203	112626	3.4735	295.8155
Oxazepam	Nordiazepam-D5 ISTD	7.446	485336	96235	5.0433	268.9911
Clonazepam	Clonazepam-D4 ISTD	7.730	251126	112626	2.2297	349.0792
Lorazepam	Nordiazepam-D5 ISTD	7.796	60635	96235	0.6301	244.2636
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.890	131907	24228	5.4445	297.9015
Flunitrazepam	Clonazepam-D4 ISTD	8.285	748400	112626	6.6450	387.4463
Temazepam	Temazepam-D5 ISTD	8.604	1217588	383834	3.1722	329.9314
Diazepam	Diazepam-D5 ISTD	9.282	713798	182536	3.9104	331.8558

Cg

# ISP FORENSICS Pocatello

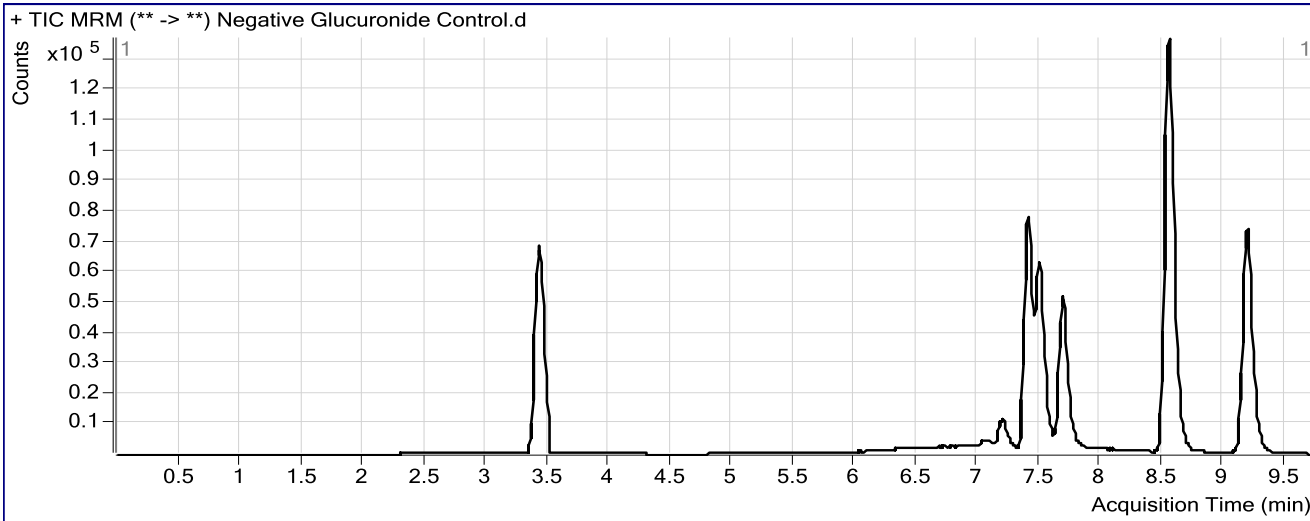
## Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.I  
**Analysis Time** 10/24/2018 11:40 AM **Analyst Name** ISPUser  
**Report Time** 10/24/2018 12:47 PM **Reporter Name** ISPUser  
**Last Calib Update** 10/24/2018 11:40 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2018-10-23 16:35 **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 POC062718; Worklist 2751  
**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	7.446	3681	128566	0.0286	2.7379

CJ

# ISP FORENSICS

## Pocatello

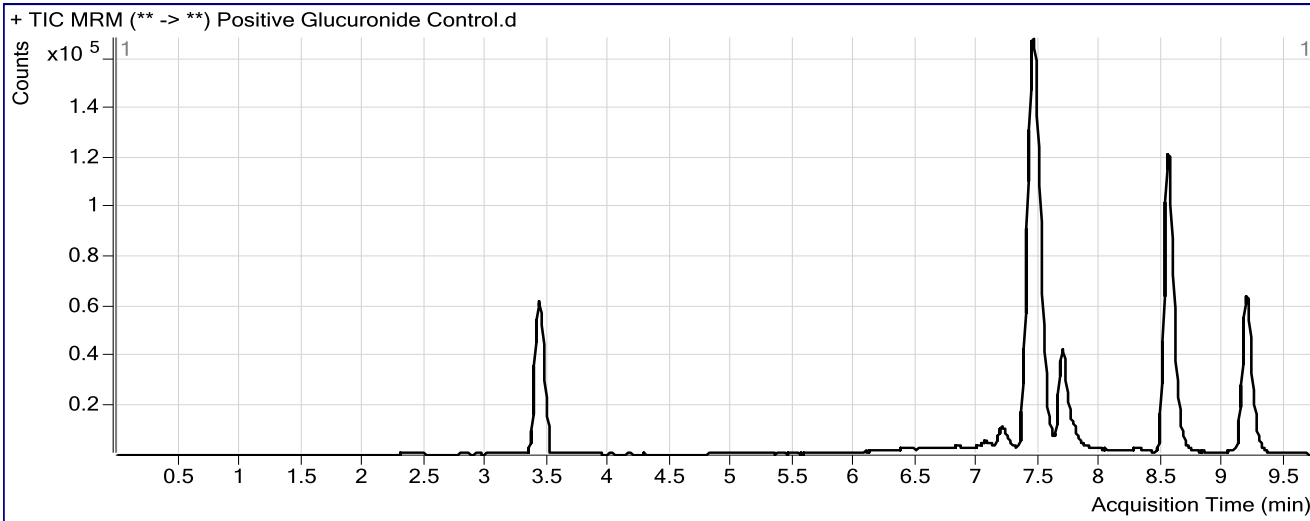
### Benzodiazepine Analysis Report

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**Analysis Time** 10/24/2018 11:40 AM **Analyst Name** ISPUser  
**Report Time** 10/24/2018 12:47 PM **Reporter Name** ISPUser  
**Last Calib Update** 10/24/2018 11:40 AM **Batch State** Processed

#### Analysis Info

**Acq Time** 2018-10-23 16:19 **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 POC062718; Worklist 2751  
**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	7.446	393861	125272	3.1441	169.0082



# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

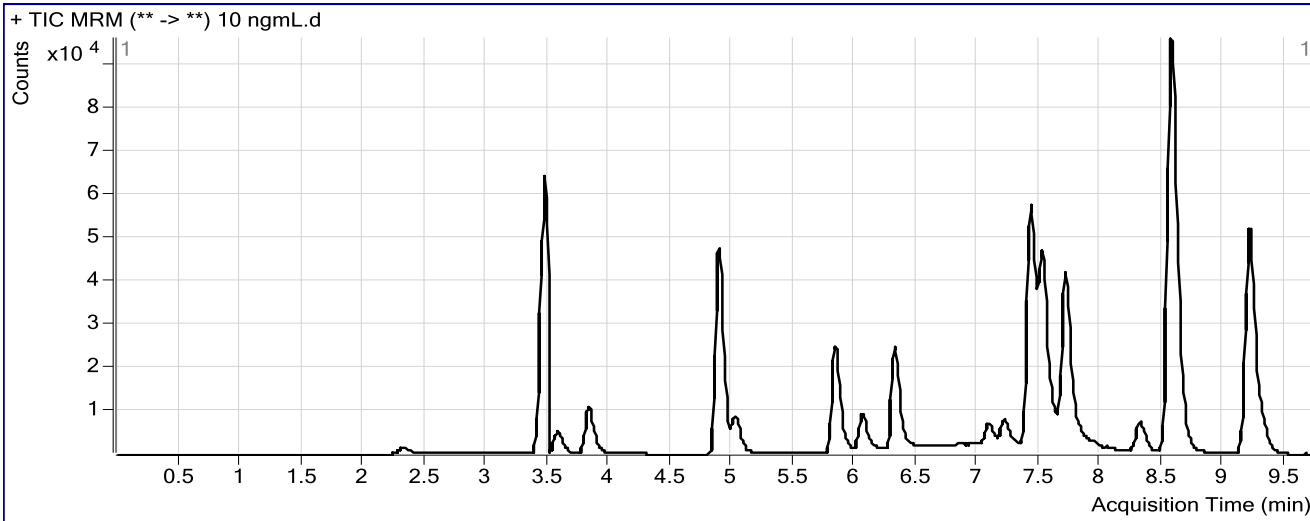
CJ

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.I		
<b>Analysis Time</b>	10/24/2018 11:40 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	10/24/2018 12:46 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/24/2018 11:40 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-10-23 14:15	<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 2751
<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	2.325	6364	197285	0.0323	12.7757
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.589	20560	197285	0.1042	10.1104
zopiclone	Nordiazepam-D5 ISTD	3.833	30290	94880	0.3192	10.7493
zolpidem	Nordiazepam-D5 ISTD	4.890	167627	94880	1.7667	10.3124
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.026	25567	94880	0.2695	10.7530
quetiapine	Temazepam-D5 ISTD	5.832	75567	401820	0.1881	10.1631
Midazolam	Clonazepam-D4 ISTD	6.062	31355	153752	0.2039	10.0856
Flurazepam	Diazepam-D5 ISTD	6.318	92137	175857	0.5239	10.1343
Nitrazepam	Clonazepam-D4 ISTD	7.083	15866	153752	0.1032	10.2990
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.255	909	19106	0.0476	13.4212
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.305	1930	94880	0.0203	10.6219
Oxazepam	Nordiazepam-D5 ISTD	7.471	16476	94880	0.1737	10.5414
Nordiazepam	Nordiazepam-D5 ISTD	7.624	13132	94880	0.1384	16.5714
Clonazepam	Clonazepam-D4 ISTD	7.738	8765	153752	0.0570	10.5843
Lorazepam	Nordiazepam-D5 ISTD	7.821	2262	94880	0.0238	10.8442
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.924	4705	19106	0.2462	10.8011
Flunitrazepam	Clonazepam-D4 ISTD	8.310	24254	153752	0.1578	10.6220
Temazepam	Temazepam-D5 ISTD	8.621	35998	401820	0.0896	10.5343
Diazepam	Diazepam-D5 ISTD	9.307	20833	175857	0.1185	10.5919

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

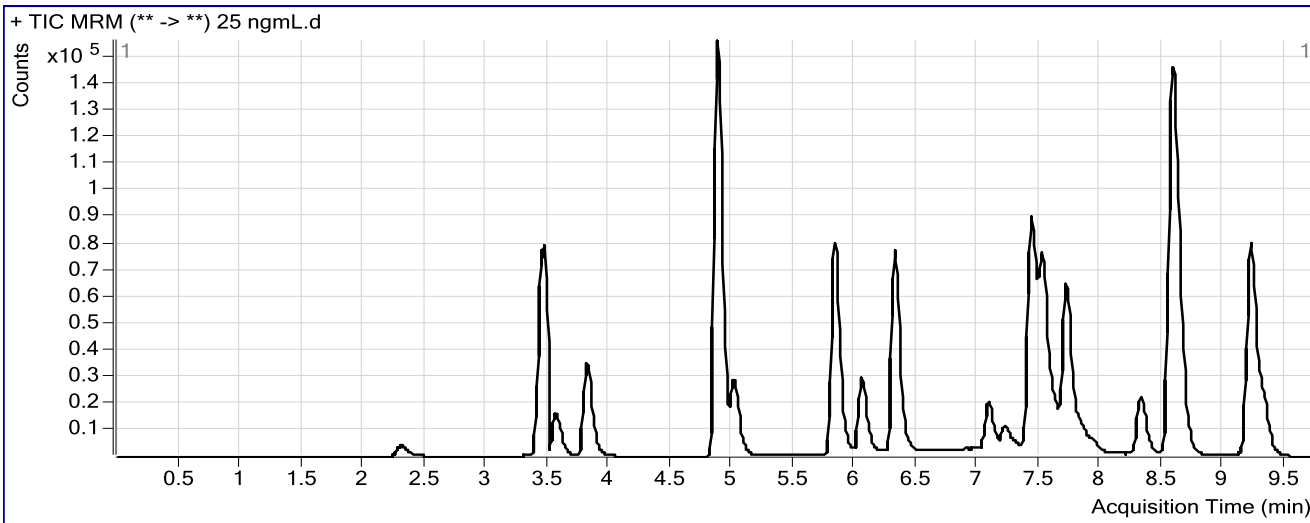
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<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.I		
<b>Analysis Time</b>	10/24/2018 11:40 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	10/24/2018 12:47 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/24/2018 11:40 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-10-23 14:30	<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 2751
<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	2.309	18269	295112	0.0619	22.0785
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.572	63505	295112	0.2152	23.4946
zopiclone	Nordiazepam-D5 ISTD	3.817	101417	149189	0.6798	21.5302
zolpidem	Nordiazepam-D5 ISTD	4.882	561139	149189	3.7613	22.4558
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.018	79510	149189	0.5329	20.3314
quetiapine	Temazepam-D5 ISTD	5.832	247352	602174	0.4108	23.2760
Midazolam	Clonazepam-D4 ISTD	6.054	107136	227508	0.4709	23.4610
Flurazepam	Diazepam-D5 ISTD	6.318	307168	271051	1.1332	23.2236
Nitrazepam	Clonazepam-D4 ISTD	7.083	59286	227508	0.2606	23.6225
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	7.255	3597	29678	0.1212	27.4726
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.313	6948	149189	0.0466	21.2075
Oxazepam	Nordiazepam-D5 ISTD	7.471	57864	149189	0.3879	22.0566
Nordiazepam	Nordiazepam-D5 ISTD	7.624	42587	149189	0.2855	25.7220
Clonazepam	Clonazepam-D4 ISTD	7.755	28941	227508	0.1272	21.4990
Lorazepam	Nordiazepam-D5 ISTD	7.838	7332	149189	0.0491	20.7134
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.932	12508	29678	0.4215	20.4795
Flunitrazepam	Clonazepam-D4 ISTD	8.318	79086	227508	0.3476	21.6943
Temazepam	Temazepam-D5 ISTD	8.638	122201	602174	0.2029	22.3968
Diazepam	Diazepam-D5 ISTD	9.315	67700	271051	0.2498	21.7161

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

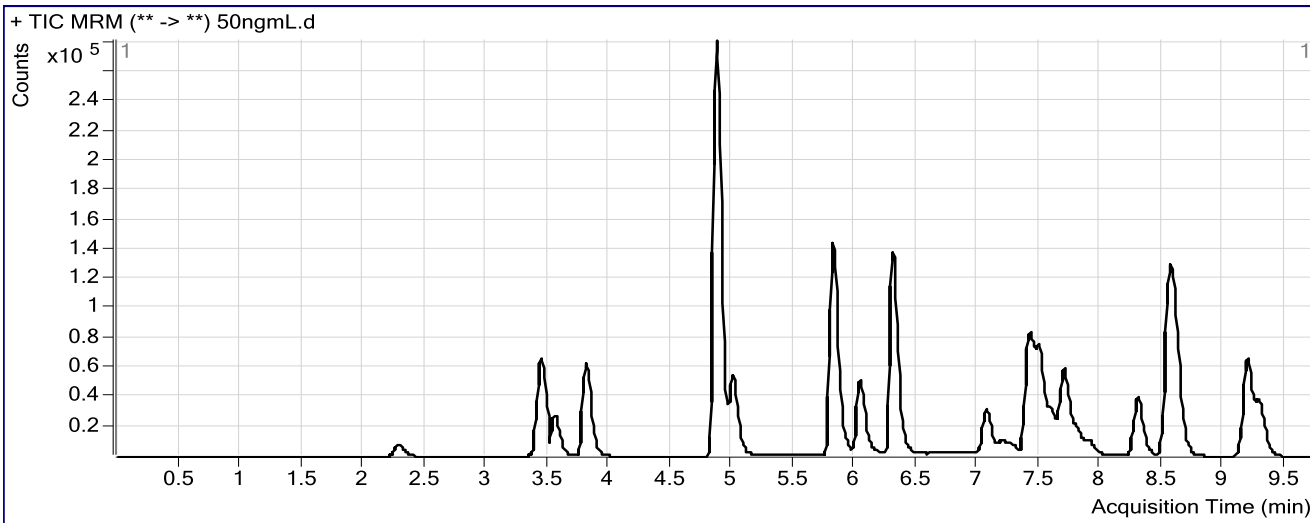
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<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.I		
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<b>Report Time</b>	10/24/2018 12:47 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/24/2018 11:40 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-10-23 14:46	<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 2751
<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	2.281	35071	256318	0.1368	45.6415
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.564	114540	256318	0.4469	51.5768
zopiclone	Nordiazepam-D5 ISTD	3.808	179351	118587	1.5124	46.4265
zolpidem	Nordiazepam-D5 ISTD	4.874	1006297	118587	8.4857	51.2398
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.009	156304	118587	1.3181	48.8551
quetiapine	Temazepam-D5 ISTD	5.816	441952	505360	0.8745	50.9744
Midazolam	Clonazepam-D4 ISTD	6.037	194387	187450	1.0370	51.9363
Flurazepam	Diazepam-D5 ISTD	6.301	549254	224025	2.4518	51.6317
Nitrazepam	Clonazepam-D4 ISTD	7.067	102902	187450	0.5490	48.0357
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	7.238	6472	28638	0.2260	47.4588
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.279	13922	118587	0.1174	49.6842
Oxazepam	Nordiazepam-D5 ISTD	7.454	103191	118587	0.8702	47.9338
Nordiazepam	Nordiazepam-D5 ISTD	7.599	78349	118587	0.6607	49.0725
Clonazepam	Clonazepam-D4 ISTD	7.730	55627	187450	0.2968	47.8665
Lorazepam	Nordiazepam-D5 ISTD	7.805	13136	118587	0.1108	44.6979
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.899	22588	28638	0.7887	40.7640
Flunitrazepam	Clonazepam-D4 ISTD	8.293	144801	187450	0.7725	46.4613
Temazepam	Temazepam-D5 ISTD	8.604	218194	505360	0.4318	46.3176
Diazepam	Diazepam-D5 ISTD	9.282	123609	224025	0.5518	47.3021

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

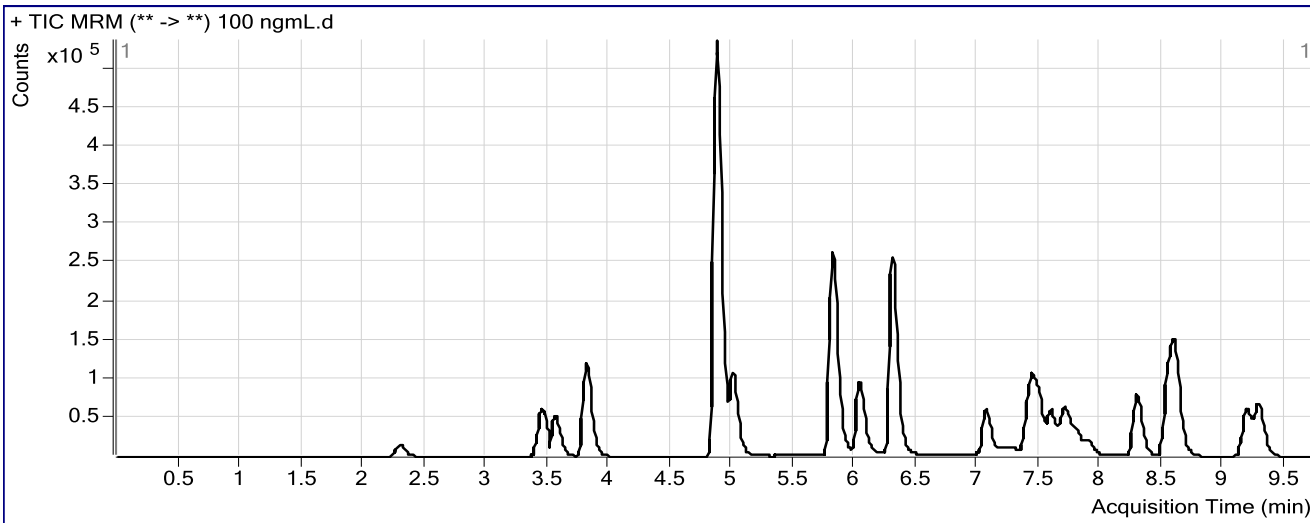
CJ

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.I		
<b>Analysis Time</b>	10/24/2018 11:40 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	10/24/2018 12:47 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/24/2018 11:40 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-10-23 15:01	<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 2751
<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	2.298	68013	240099	0.2833	91.9285
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.564	218426	240099	0.9097	108.2611
zopiclone	Nordiazepam-D5 ISTD	3.817	348192	112992	3.0816	93.3470
zolpidem	Nordiazepam-D5 ISTD	4.874	1949319	112992	17.2518	104.7210
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.009	313542	112992	2.7749	101.7146
quetiapine	Temazepam-D5 ISTD	5.816	836404	459296	1.8211	109.2662
Midazolam	Clonazepam-D4 ISTD	6.037	370916	169757	2.1850	110.1669
Flurazepam	Diazepam-D5 ISTD	6.301	1067955	207629	5.1436	109.9897
Nitrazepam	Clonazepam-D4 ISTD	7.058	194452	169757	1.1455	98.5469
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.230	12248	24792	0.4940	98.5529
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.279	26939	112992	0.2384	97.9718
Oxazepam	Nordiazepam-D5 ISTD	7.446	207228	112992	1.8340	99.4385
Nordiazepam	Nordiazepam-D5 ISTD	7.599	161866	112992	1.4325	97.1037
Clonazepam	Clonazepam-D4 ISTD	7.730	112336	169757	0.6617	104.6578
Lorazepam	Nordiazepam-D5 ISTD	7.796	29454	112992	0.2607	102.7716
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.899	50830	24792	2.0503	110.4379
Flunitrazepam	Clonazepam-D4 ISTD	8.285	295461	169757	1.7405	102.8416
Temazepam	Temazepam-D5 ISTD	8.604	439075	459296	0.9560	100.9761
Diazepam	Diazepam-D5 ISTD	9.282	249240	207629	1.2004	102.2565

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

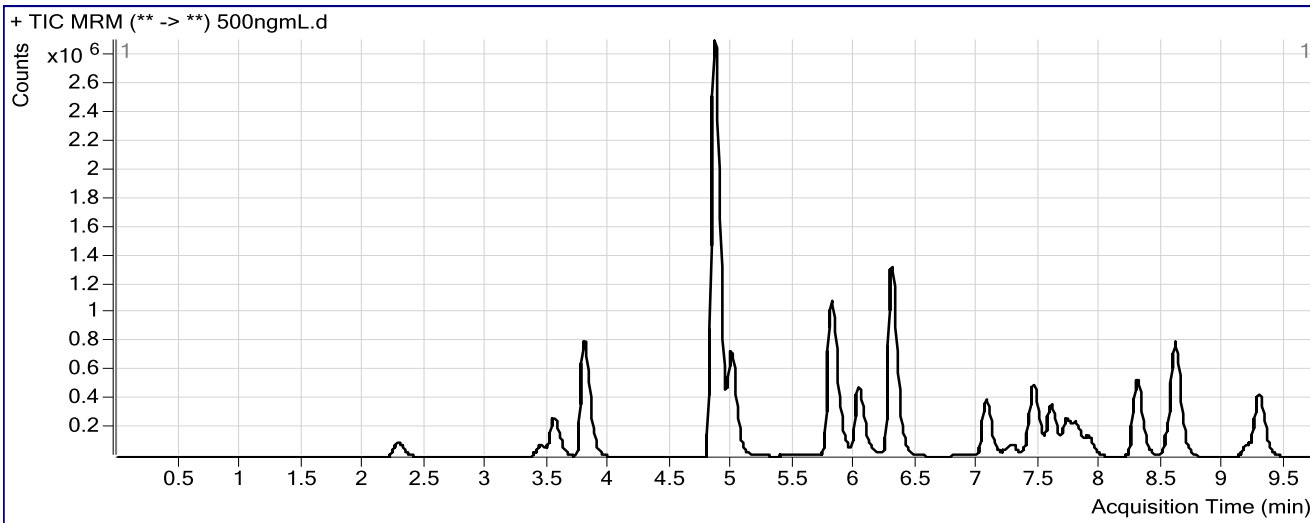
CS

**Batch Data Path** C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.I  
**Analysis Time** 10/24/2018 11:40 AM **Analyst Name** ISPUser  
**Report Time** 10/24/2018 12:47 PM **Reporter Name** ISPUser  
**Last Calib Update** 10/24/2018 11:40 AM **Batch State** Processed

**Analysis Info**

**Acq Time** 2018-10-23 15:17 **Data File** 500ngmL.d  
**Sample Type** Calibration **Sample Name** 500ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_2017-1.m  
**Position** P1-A6 **Sample Info** Worklist 2751  
**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	2.281	481310	322680	1.4916	486.2382
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.555	1182220	322680	3.6638	463.3302
zopiclone	Nordiazepam-D5 ISTD	3.800	2450759	144077	17.0100	509.8320
zolpidem	Nordiazepam-D5 ISTD	4.857	11464193	144077	79.5697	487.7251
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.001	2168844	144077	15.0533	543.7249
quetiapine	Temazepam-D5 ISTD	5.807	3875575	609627	6.3573	433.5607
Midazolam	Clonazepam-D4 ISTD	6.028	1985071	224009	8.8616	462.9210
Flurazepam	Diazepam-D5 ISTD	6.292	5990595	281541	21.2779	470.6190
Nitrazepam	Clonazepam-D4 ISTD	7.067	1382003	224009	6.1694	524.5483
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.230	88788	37193	2.3873	457.8009
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.279	195377	144077	1.3561	523.9495
Oxazepam	Nordiazepam-D5 ISTD	7.446	1437367	144077	9.9764	524.0718
Nordiazepam	Nordiazepam-D5 ISTD	7.591	1119616	144077	7.7709	491.5348
Clonazepam	Clonazepam-D4 ISTD	7.721	751721	224009	3.3558	525.0601
Lorazepam	Nordiazepam-D5 ISTD	7.796	201699	144077	1.3999	532.1705
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.899	365388	37193	9.8242	539.7926
Flunitrazepam	Clonazepam-D4 ISTD	8.285	2049108	224009	9.1474	531.9960
Temazepam	Temazepam-D5 ISTD	8.596	3135472	609627	5.1433	530.7698
Diazepam	Diazepam-D5 ISTD	9.282	1769248	281541	6.2842	532.9616

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

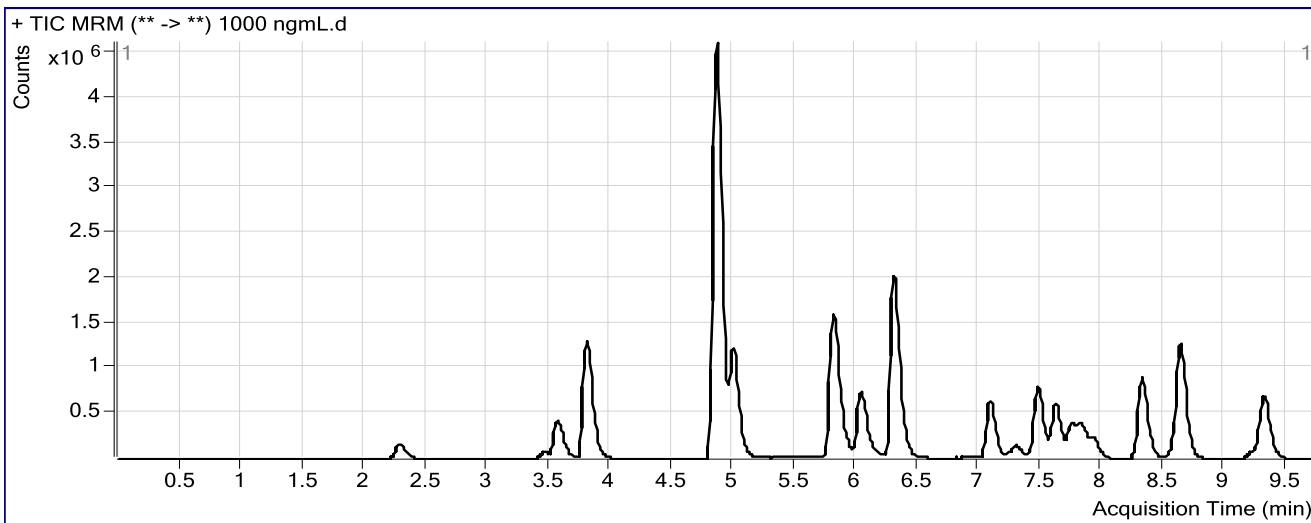
CJ

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.I		
<b>Analysis Time</b>	10/24/2018 11:40 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	10/24/2018 12:47 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/24/2018 11:40 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2018-10-23 15:33	<b>Data File</b>	1000 ngmL.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	1000 ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
<b>Position</b>	P1-A7	<b>Sample Info</b>	Worklist 2751
<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	2.290	779964	254078	3.0698	1039.8642
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.572	1848467	254078	7.2752	988.1420
zopiclone	Nordiazepam-D5 ISTD	3.808	4107234	113843	36.0780	1079.9983
zolpidem	Nordiazepam-D5 ISTD	4.865	18965531	113843	166.5937	1031.0807
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.009	3374765	113843	29.6440	1061.1002
quetiapine	Temazepam-D5 ISTD	5.816	5880681	491990	11.9528	1138.8452
Midazolam	Clonazepam-D4 ISTD	6.037	3143504	181277	17.3409	952.6815
Flurazepam	Diazepam-D5 ISTD	6.301	9566095	229481	41.6858	957.2743
Nitrazepam	Clonazepam-D4 ISTD	7.083	2250054	181277	12.4123	1055.3833
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	7.255	143705	25831	5.5633	1054.2549
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.305	338738	113843	2.9755	1088.3885
Oxazepam	Nordiazepam-D5 ISTD	7.480	2434714	113843	21.3866	1090.7295
Nordiazepam	Nordiazepam-D5 ISTD	7.624	1901871	113843	16.7061	1047.5578
Clonazepam	Clonazepam-D4 ISTD	7.755	1220094	181277	6.7306	1054.7740
Lorazepam	Nordiazepam-D5 ISTD	7.830	354562	113843	3.1145	1143.1095
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.924	548902	25831	21.2500	1170.8354
Flunitrazepam	Clonazepam-D4 ISTD	8.319	3404148	181277	18.7787	1084.2111
Temazepam	Temazepam-D5 ISTD	8.630	5269132	491990	10.7098	1084.6084
Diazepam	Diazepam-D5 ISTD	9.315	2887176	229481	12.5813	1066.4691

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

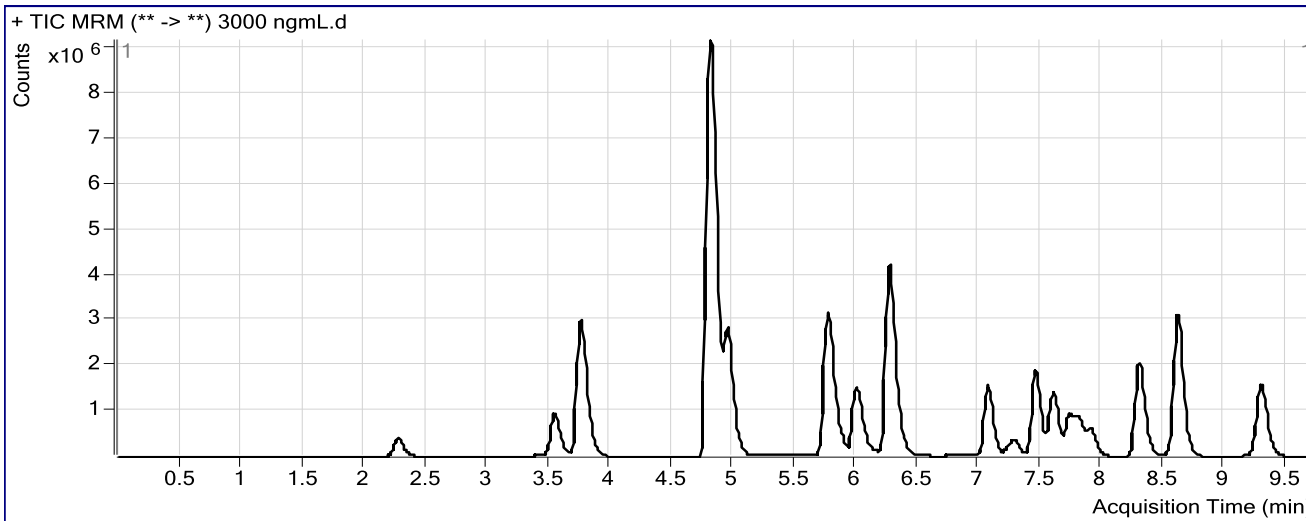
c9

<b>Batch Data Path</b>	C:\MassHunter\Data\2018\Benz\AM 13 Worklist 2751 Urine 102318 CS\QuantResults\am 13 worklist 2751 CS.I		
<b>Analysis Time</b>	10/24/2018 11:40 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	10/24/2018 12:47 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/24/2018 11:40 AM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2018-10-23 15:48	<b>Data File</b>	3000 ngmL.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	3000 ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
<b>Position</b>	P1-A8	<b>Sample Info</b>	Worklist 2751
<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	2.273	1851863	246336	7.5176	2984.6095
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.547	4020660	246336	16.3218	3123.8862
zopiclone	Nordiazepam-D5 ISTD	3.758	10528643	95246	110.5421	3306.6002
zolpidem	Nordiazepam-D5 ISTD	4.815	44267292	95246	464.7701	2975.9274
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.959	7958363	95246	83.5563	2904.7810
quetiapine	Temazepam-D5 ISTD	5.766	12267492	434838	28.2117	
Midazolam	Clonazepam-D4 ISTD	6.004	6919802	157009	44.0727	3149.8833
Flurazepam	Diazepam-D5 ISTD	6.267	22232894	197133	112.7811	3095.7123
Nitrazepam	Clonazepam-D4 ISTD	7.067	5374418	157009	34.2301	2923.6529
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	7.238	458858	28413	16.1494	2989.3826
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.288	887433	95246	9.3173	2919.8556
Oxazepam	Nordiazepam-D5 ISTD	7.454	5921270	95246	62.1685	2907.5674
Nordiazepam	Nordiazepam-D5 ISTD	7.599	4524443	95246	47.5029	2964.0091
Clonazepam	Clonazepam-D4 ISTD	7.730	2893564	157009	18.4293	2918.4649
Lorazepam	Nordiazepam-D5 ISTD	7.813	811238	95246	8.5173	2858.7617
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.907	1437741	28413	50.6010	2791.8895
Flunitrazepam	Clonazepam-D4 ISTD	8.293	8022418	157009	51.0954	2891.8073
Temazepam	Temazepam-D5 ISTD	8.613	13185556	434838	30.3229	2901.6367
Diazepam	Diazepam-D5 ISTD	9.290	6777899	197133	34.3824	2913.4940