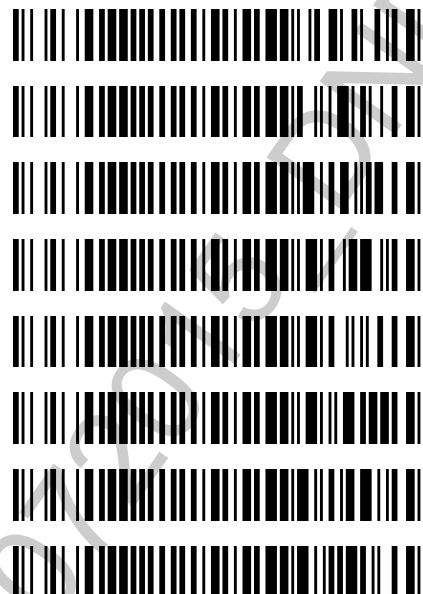


**Worklist: 612**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
P2015-0123	1	29643	6.1.1 Blood LCMS-QQQ Benzc
P2015-0459	1	29645	6.1.1 Blood LCMS-QQQ Benzc
P2015-0486	1	29648	6.1.1 Blood LCMS-QQQ Benzc
P2015-0497	1	29651	6.1.1 Blood LCMS-QQQ Benzc
P2015-0500	1	29652	6.1.1 Blood LCMS-QQQ Benzc
P2015-0501	1	29653	6.1.1 Blood LCMS-QQQ Benzc
P2015-0511	1	29656	6.1.1 Blood LCMS-QQQ Benzc
P2015-0526	1	29660	6.1.1 Blood LCMS-QQQ Benzc



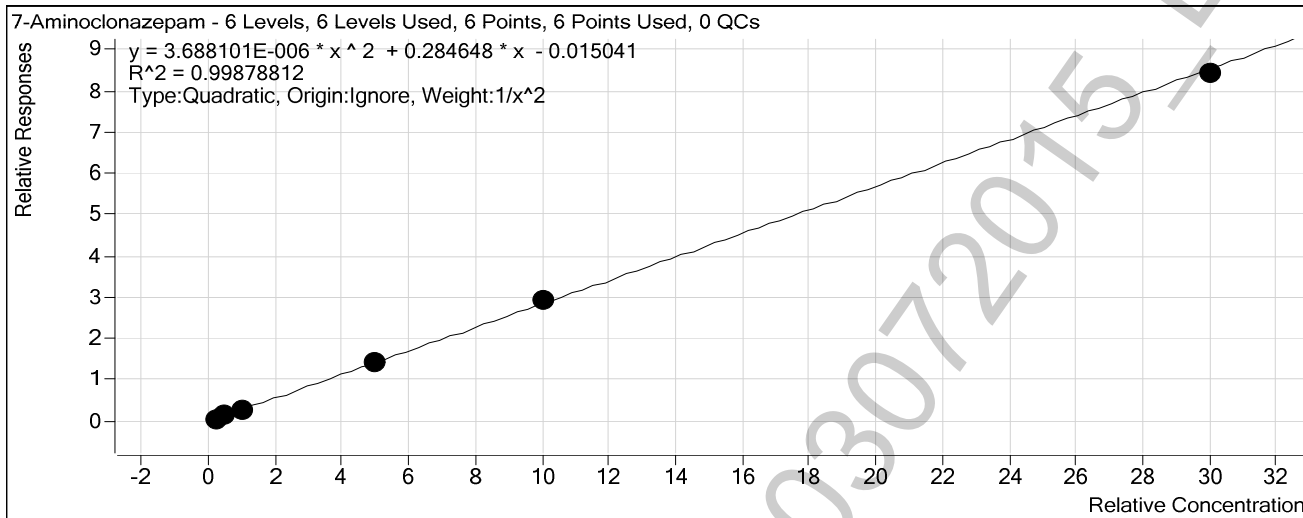
Review of central file verified on peer review sheet in each case file.  07/09/2015

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	25.6	102.3
50 ng/mL	5	<input checked="" type="checkbox"/>	50	48.1	96.1
100 ng/mL	6	<input checked="" type="checkbox"/>	100	98.0	98.0
500 ng/mL	7	<input checked="" type="checkbox"/>	500	505.9	101.2
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1037.6	103.8
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2959.9	98.7

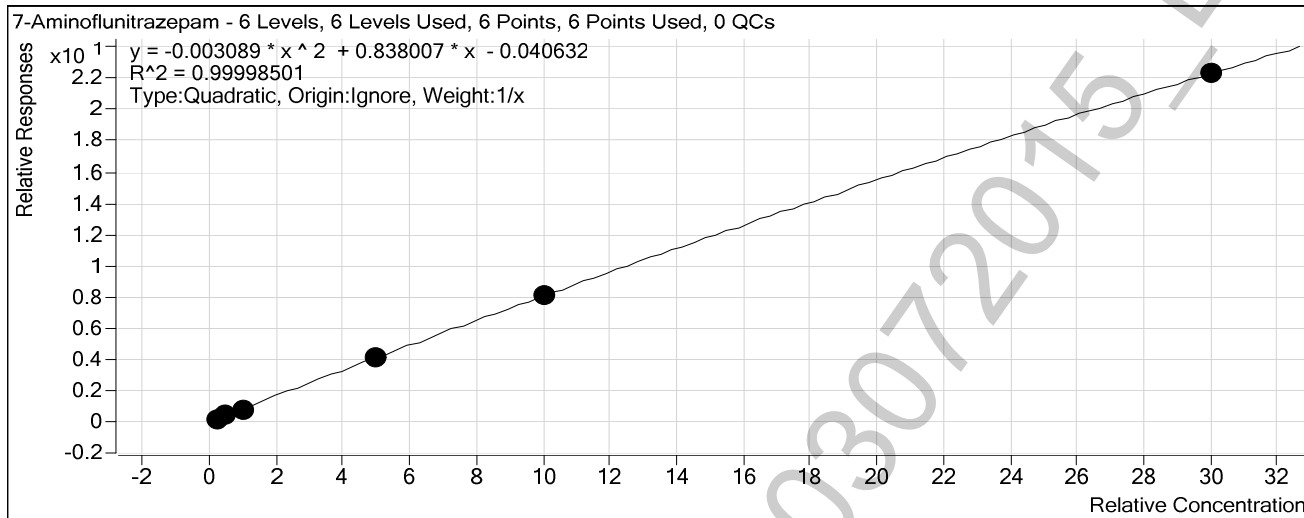
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM      **Analyst Name** ISP TOX

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



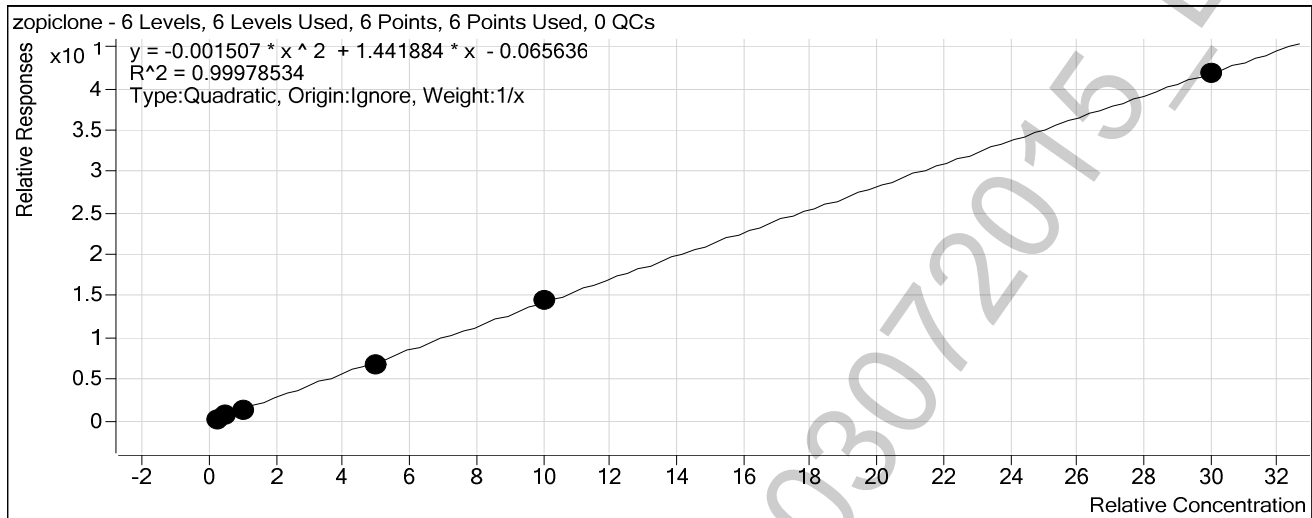
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	25.4	101.7
50 ng/mL	5	<input checked="" type="checkbox"/>	50	49.8	99.7
100 ng/mL	6	<input checked="" type="checkbox"/>	100	98.7	98.7
500 ng/mL	7	<input checked="" type="checkbox"/>	500	497.7	99.5
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1004.6	100.5
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2998.7	100.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM      **Analyst Name** ISP TOX

**Target Compound** zopiclone  
**Internal Standard** Oxazepam D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	24.7	98.8
50 ng/mL	5	<input checked="" type="checkbox"/>	50	50.1	100.3
100 ng/mL	6	<input checked="" type="checkbox"/>	100	102.5	102.5
500 ng/mL	7	<input checked="" type="checkbox"/>	500	483.9	96.8
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1016.9	101.7
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2996.9	99.9

# ISP Forensics Calibration Curve Report

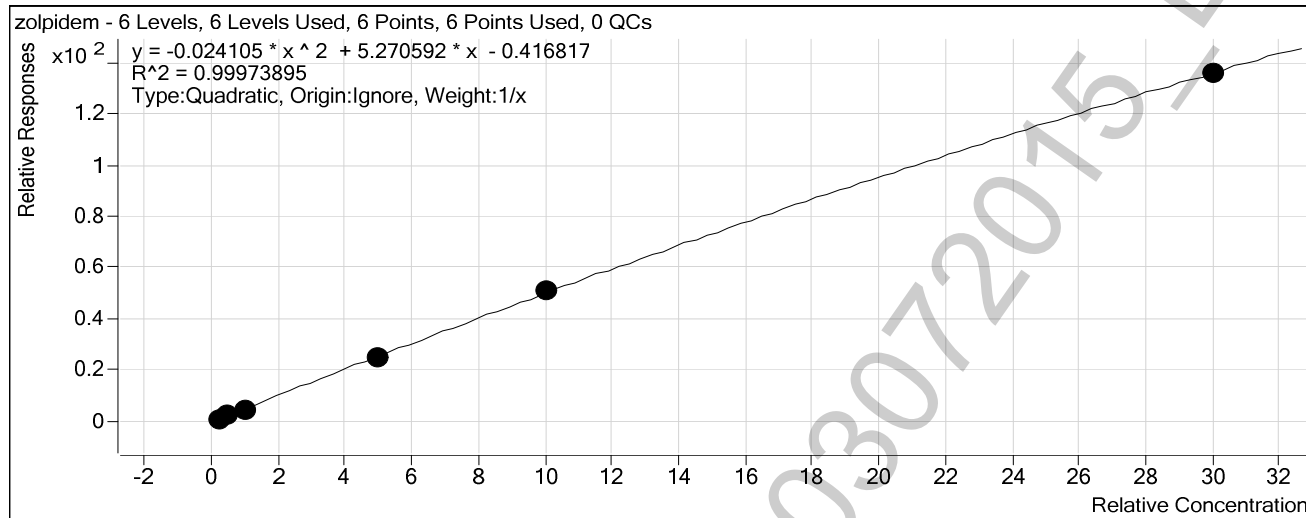
**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM

**Analyst Name** ISP TOX

**Target Compound** zolpidem

**Internal Standard** Oxazepam D5 ISTD



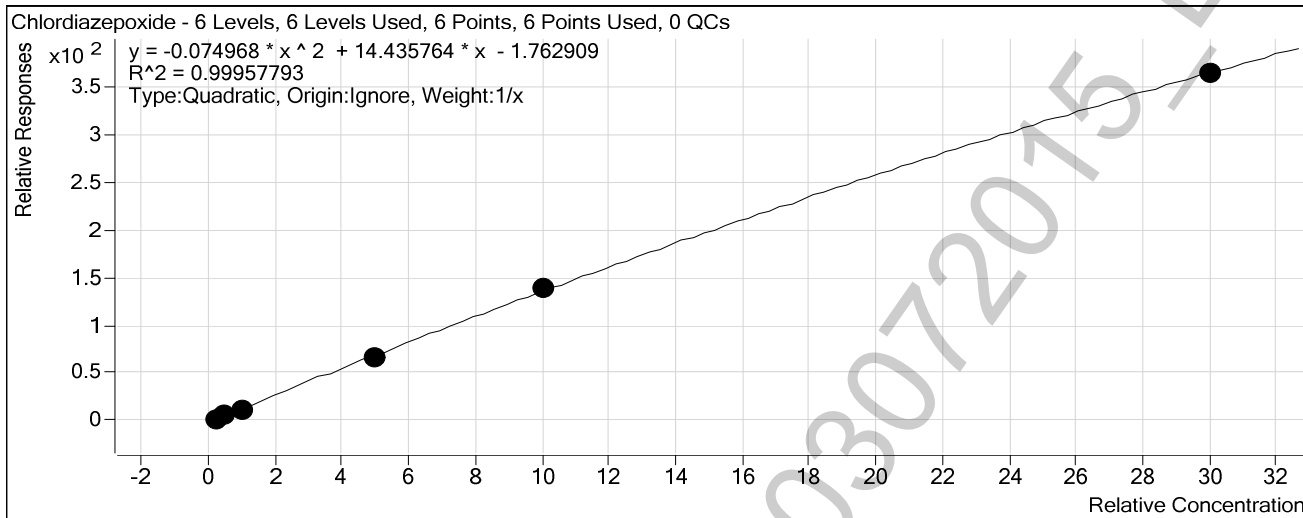
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	26.7	106.7
50 ng/mL	5	<input checked="" type="checkbox"/>	50	49.3	98.5
100 ng/mL	6	<input checked="" type="checkbox"/>	100	95.0	95.0
500 ng/mL	7	<input checked="" type="checkbox"/>	500	489.9	98.0
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1019.6	102.0
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2994.3	99.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM **Analyst Name** ISP TOX

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



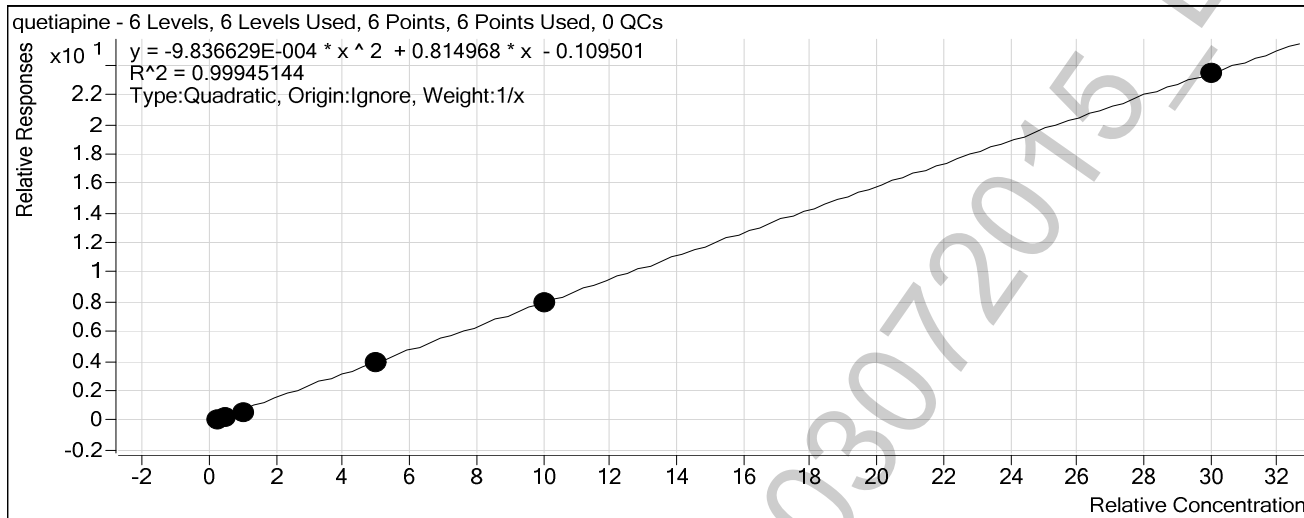
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	27.7	110.6
50 ng/mL	5	<input checked="" type="checkbox"/>	50	48.1	96.2
100 ng/mL	6	<input checked="" type="checkbox"/>	100	93.1	93.1
500 ng/mL	7	<input checked="" type="checkbox"/>	500	490.8	98.2
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1022.0	102.2
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2992.9	99.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	28.7	114.9
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.5	95.1
100 ng/mL	6	<input checked="" type="checkbox"/>	100	88.3	88.3
500 ng/mL	7	<input checked="" type="checkbox"/>	500	504.9	101.0
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1009.2	100.9
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2996.3	99.9

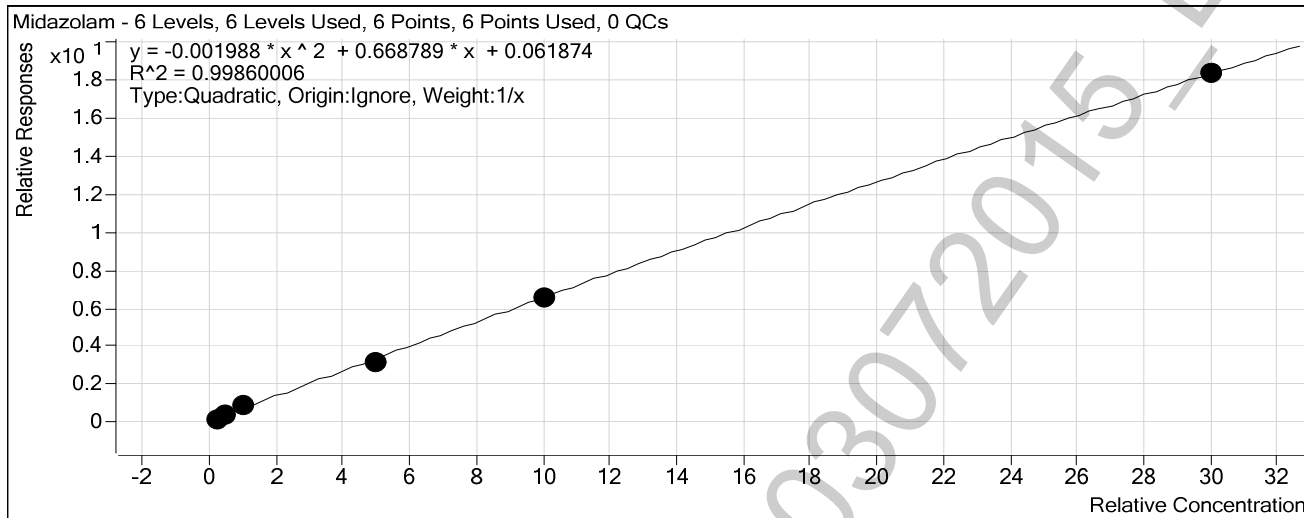
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM

**Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	21.5	86.0
50 ng/mL	5	<input checked="" type="checkbox"/>	50	49.9	99.7
100 ng/mL	6	<input checked="" type="checkbox"/>	100	118.3	118.3
500 ng/mL	7	<input checked="" type="checkbox"/>	500	474.9	95.0
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1010.1	101.0
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	3000.4	100.0



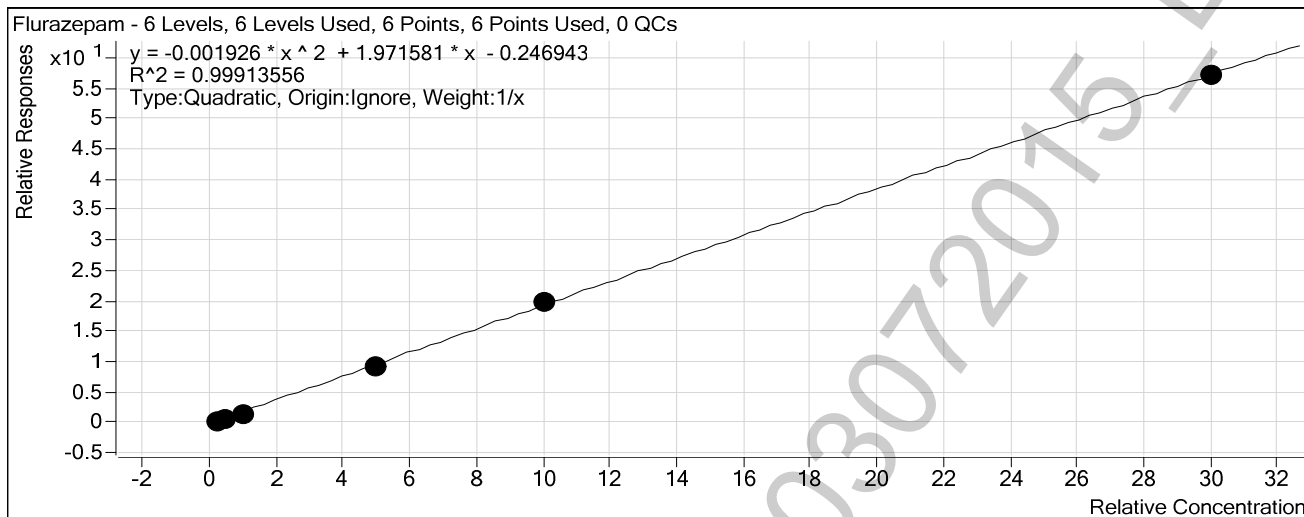
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	29.0	115.9
50 ng/mL	5	<input checked="" type="checkbox"/>	50	48.5	97.1
100 ng/mL	6	<input checked="" type="checkbox"/>	100	86.3	86.3
500 ng/mL	7	<input checked="" type="checkbox"/>	500	491.0	98.2
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1027.8	102.8
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2992.4	99.7

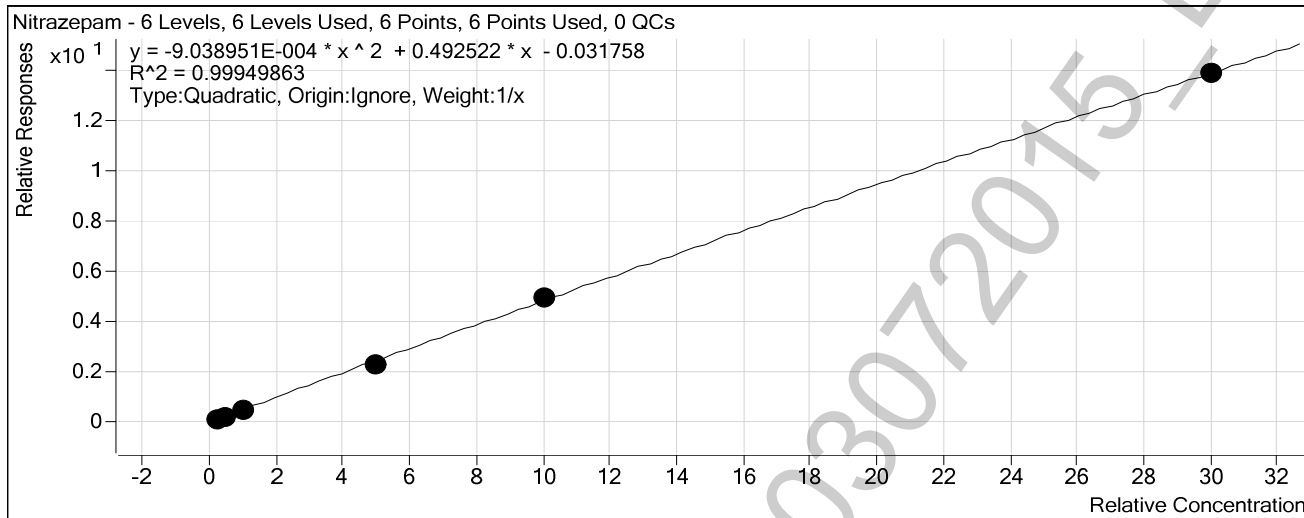
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	26.9	107.8
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.4	94.8
100 ng/mL	6	<input checked="" type="checkbox"/>	100	98.9	98.9
500 ng/mL	7	<input checked="" type="checkbox"/>	500	479.2	95.8
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1029.1	102.9
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2993.4	99.8

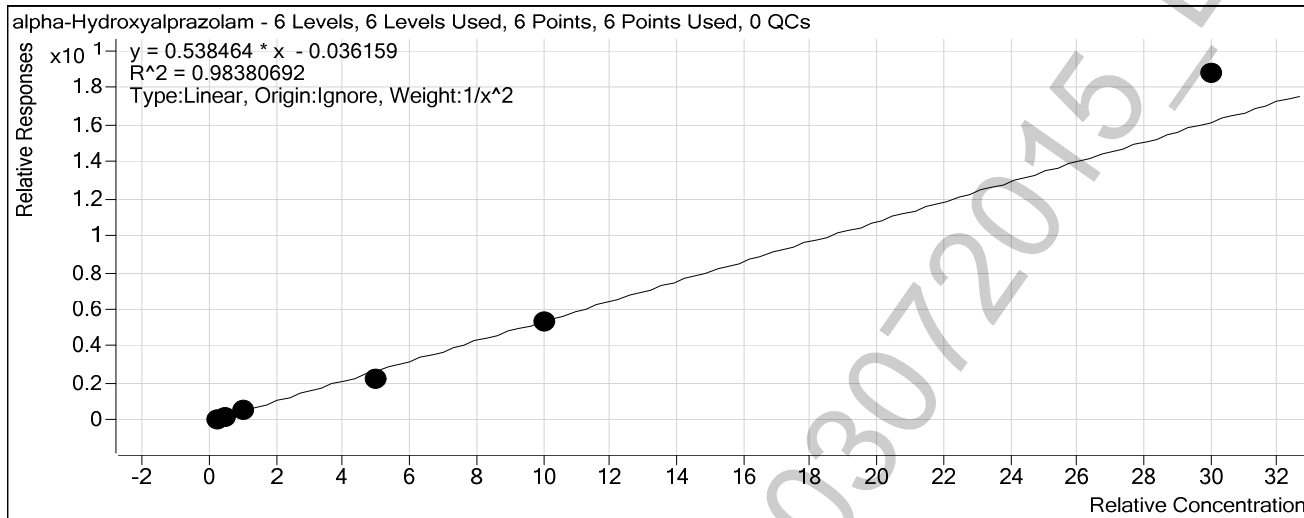
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	26.0	104.1
50 ng/mL	5	<input checked="" type="checkbox"/>	50	45.8	91.6
100 ng/mL	6	<input checked="" type="checkbox"/>	100	102.6	102.6
500 ng/mL	7	<input checked="" type="checkbox"/>	500	427.9	85.6
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	998.4	99.8
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	3487.6	116.3

# ISP Forensics Calibration Curve Report

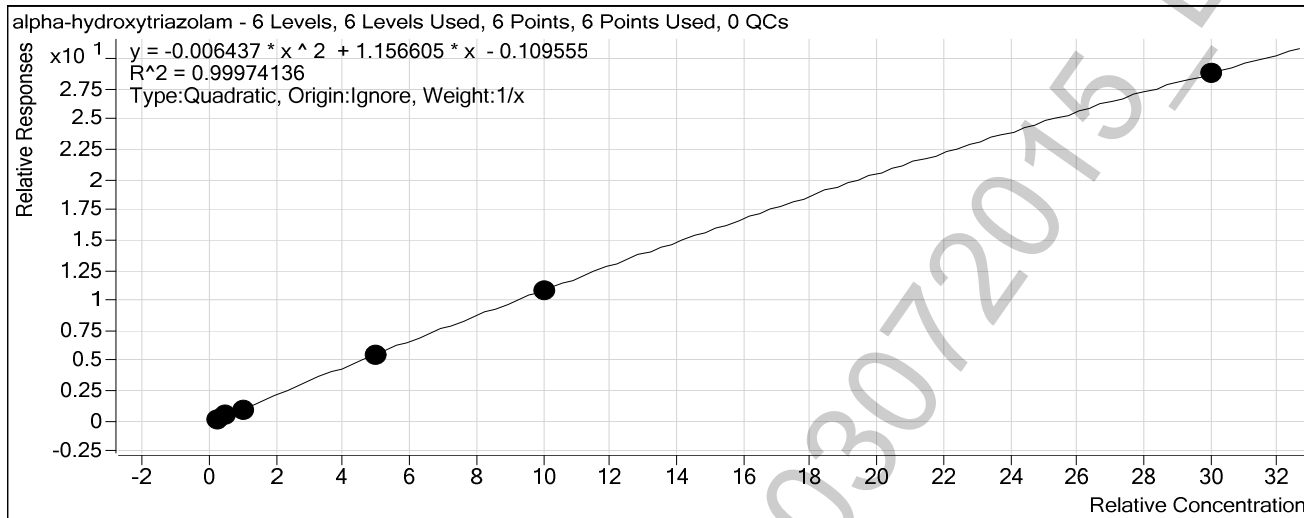


**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM      **Analyst Name** ISP TOX

**Target Compound** *alpha-hydroxytriazolam*

**Internal Standard** *Nordiazepam-D5 ISTD*



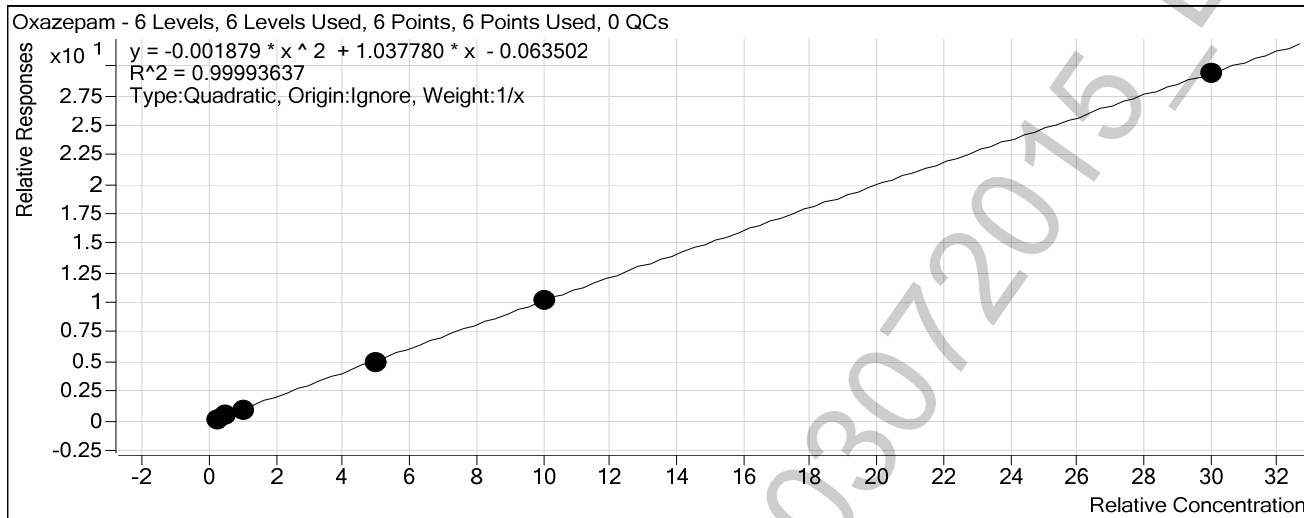
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	27.7	110.7
50 ng/mL	5	<input checked="" type="checkbox"/>	50	46.9	93.7
100 ng/mL	6	<input checked="" type="checkbox"/>	100	94.5	94.5
500 ng/mL	7	<input checked="" type="checkbox"/>	500	503.7	100.7
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1004.7	100.5
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2997.4	99.9

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	25.1	100.3
50 ng/mL	5	<input checked="" type="checkbox"/>	50	50.1	100.1
100 ng/mL	6	<input checked="" type="checkbox"/>	100	100.4	100.4
500 ng/mL	7	<input checked="" type="checkbox"/>	500	491.4	98.3
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1010.2	101.0
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2997.9	99.9

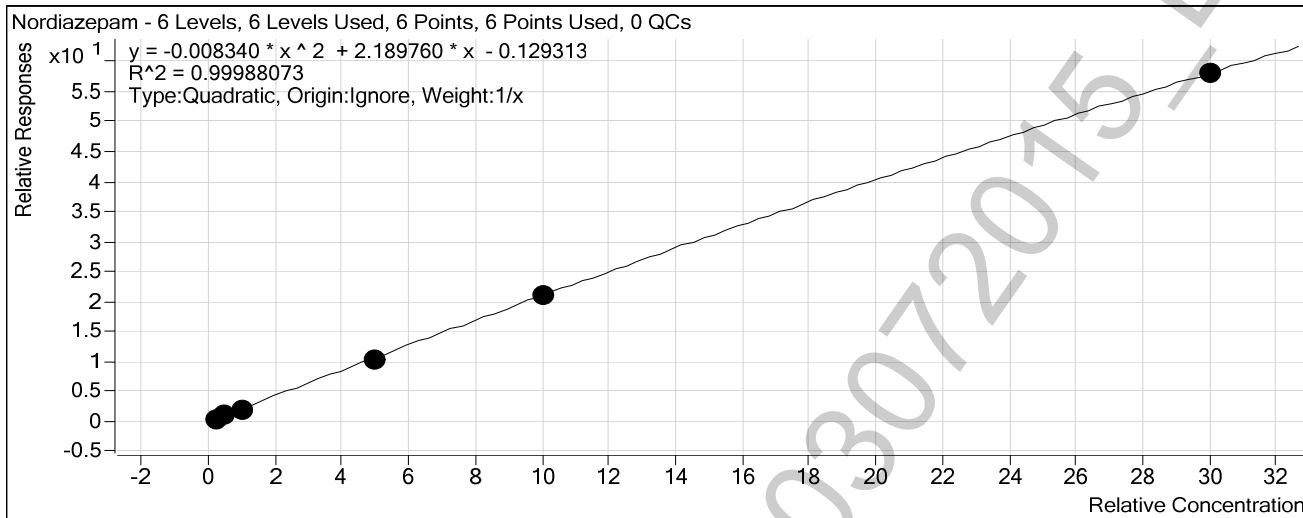
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	26.3	105.1
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.9	95.7
100 ng/mL	6	<input checked="" type="checkbox"/>	100	99.7	99.7
500 ng/mL	7	<input checked="" type="checkbox"/>	500	491.9	98.4
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1012.5	101.2
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2996.8	99.9

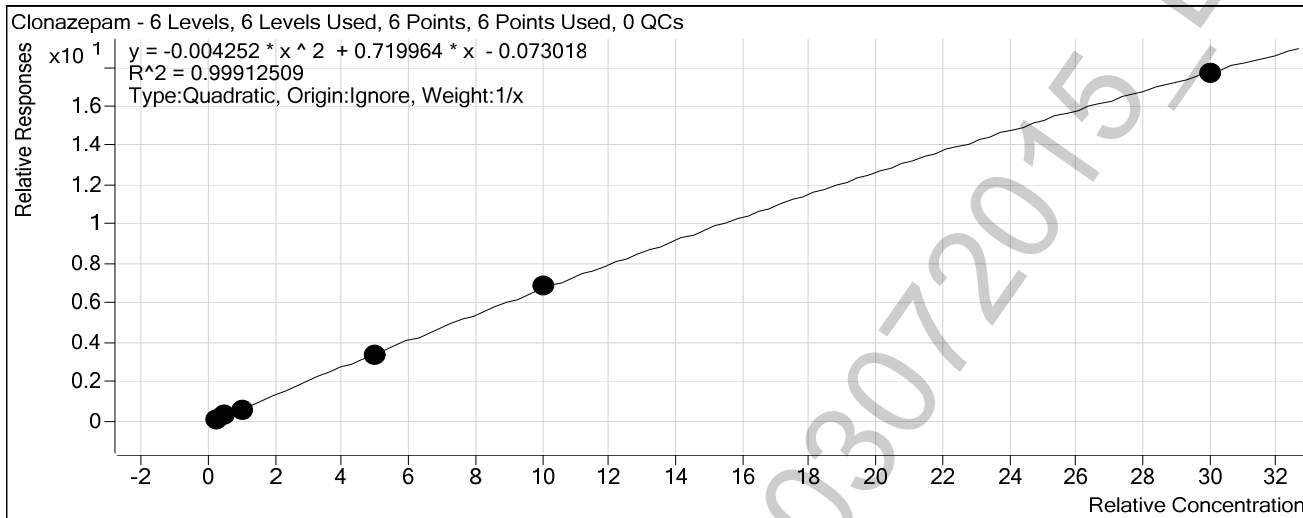
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM **Analyst Name** ISP TOX



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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	28.6	114.5
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.7	95.3
100 ng/mL	6	<input checked="" type="checkbox"/>	100	90.1	90.1
500 ng/mL	7	<input checked="" type="checkbox"/>	500	486.5	97.3
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1032.0	103.2
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2989.3	99.6

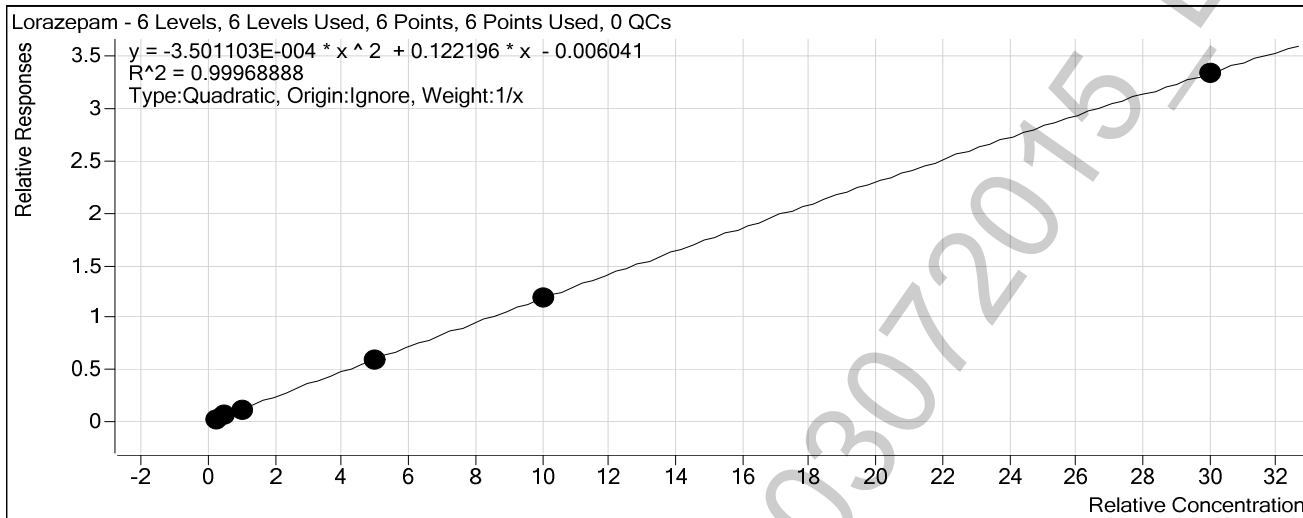
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM

**Analyst Name** ISP TOX

**Target Compound** Lorazepam  
**Internal Standard** Oxazepam D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	27.4	109.8
50 ng/mL	5	<input checked="" type="checkbox"/>	50	49.0	98.0
100 ng/mL	6	<input checked="" type="checkbox"/>	100	91.3	91.3
500 ng/mL	7	<input checked="" type="checkbox"/>	500	499.6	99.9
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1011.5	101.2
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2996.0	99.9



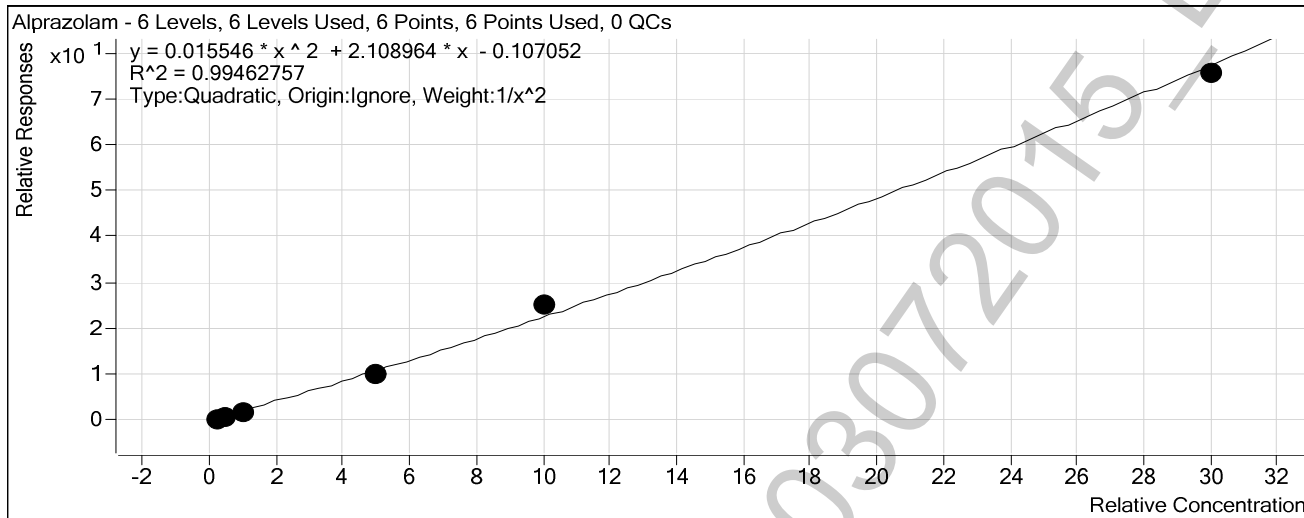
# ISP Forensics Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM      **Analyst Name** ISP TOX

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



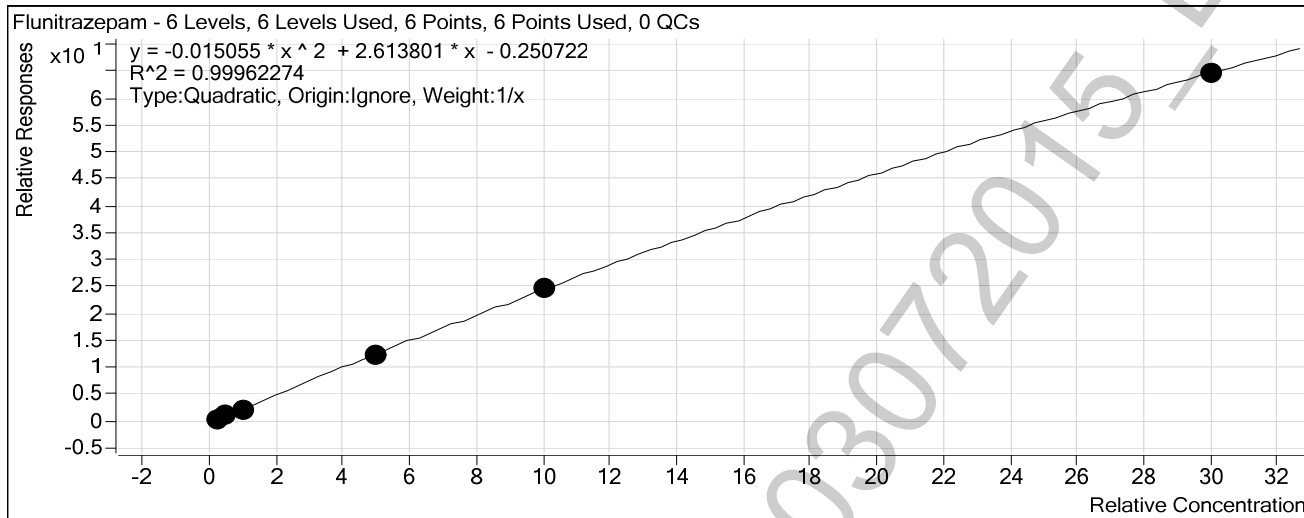
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	25.6	102.6
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.5	94.9
100 ng/mL	6	<input checked="" type="checkbox"/>	100	100.2	100.2
500 ng/mL	7	<input checked="" type="checkbox"/>	500	468.8	93.8
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1102.3	110.2
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2942.3	98.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	27.7	110.8
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.8	95.5
100 ng/mL	6	<input checked="" type="checkbox"/>	100	93.3	93.3
500 ng/mL	7	<input checked="" type="checkbox"/>	500	493.4	98.7
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1018.8	101.9
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2993.5	99.8

# ISP Forensics Calibration Curve Report

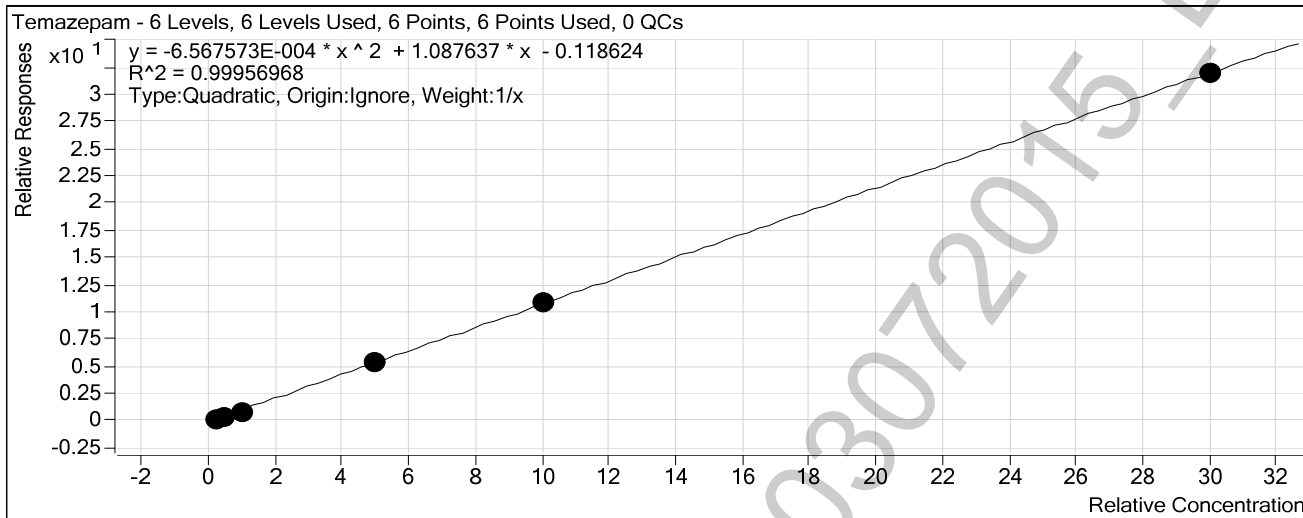
**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM

**Analyst Name** ISP TOX

**Target Compound** Temazepam

**Internal Standard** Temazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	28.1	112.6
50 ng/mL	5	<input checked="" type="checkbox"/>	50	48.3	96.6
100 ng/mL	6	<input checked="" type="checkbox"/>	100	89.9	89.9
500 ng/mL	7	<input checked="" type="checkbox"/>	500	497.3	99.5
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1016.1	101.6
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2995.3	99.8

# ISP Forensics Calibration Curve Report

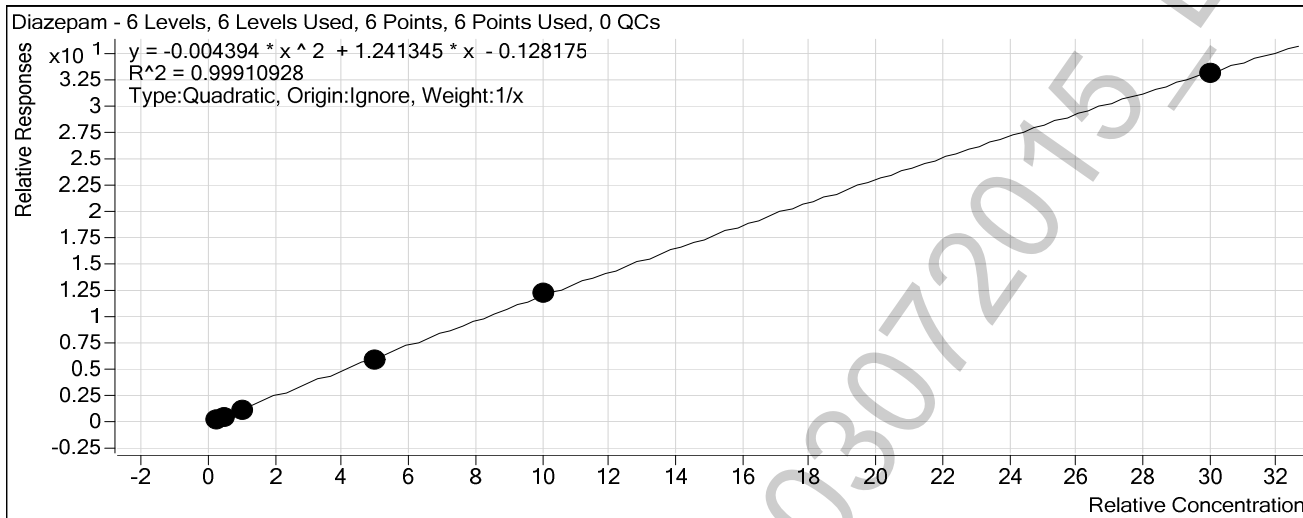
**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin

**Last Calib Update** 3/7/2015 10:49 PM

**Analyst Name** ISP TOX



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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
25 ng/mL	4	<input checked="" type="checkbox"/>	25	28.9	115.4
50 ng/mL	5	<input checked="" type="checkbox"/>	50	47.9	95.8
100 ng/mL	6	<input checked="" type="checkbox"/>	100	88.4	88.4
500 ng/mL	7	<input checked="" type="checkbox"/>	500	487.6	97.5
1000 ng/mL	8	<input checked="" type="checkbox"/>	1000	1031.2	103.1
3000 ng/mL	9	<input checked="" type="checkbox"/>	3000	2990.8	99.7

**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

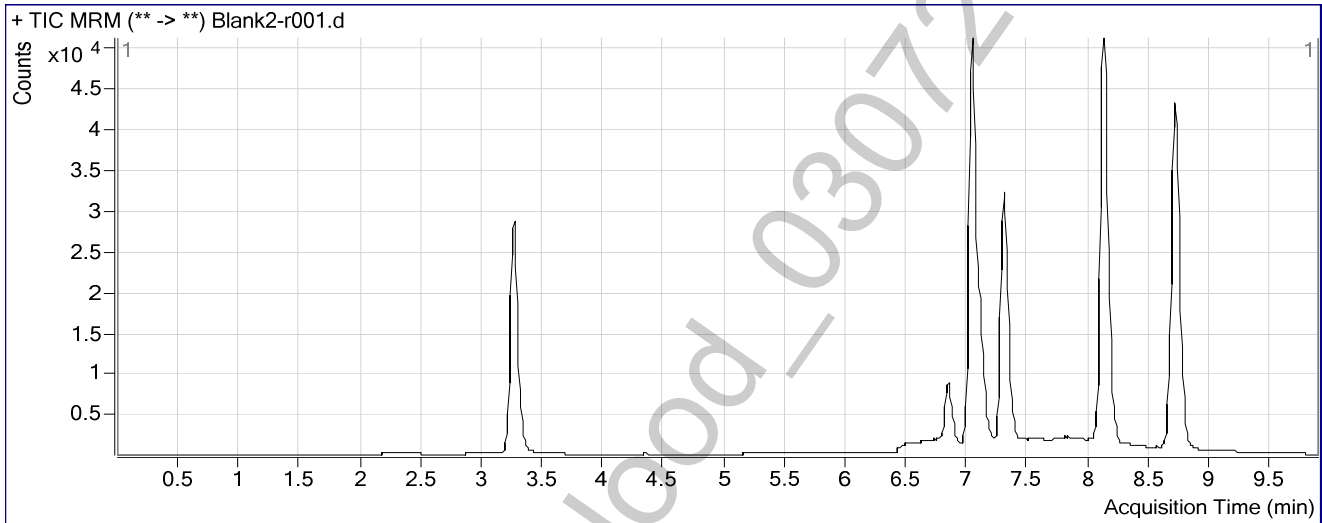
<b>Batch Data Path</b>	C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin		
<b>Analysis Time</b>	3/7/2015 10:49 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	3/7/2015 10:52 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	3/7/2015 10:49 PM	<b>Batch State</b>	Processed



**Analysis Info**

<b>Acq Time</b>	2015-03-07 15:02	<b>Data File</b>	Blank2-r001.d
<b>Sample Type</b>	Blank	<b>Sample Name</b>	Blank
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP.m
<b>Position</b>	P1-A1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

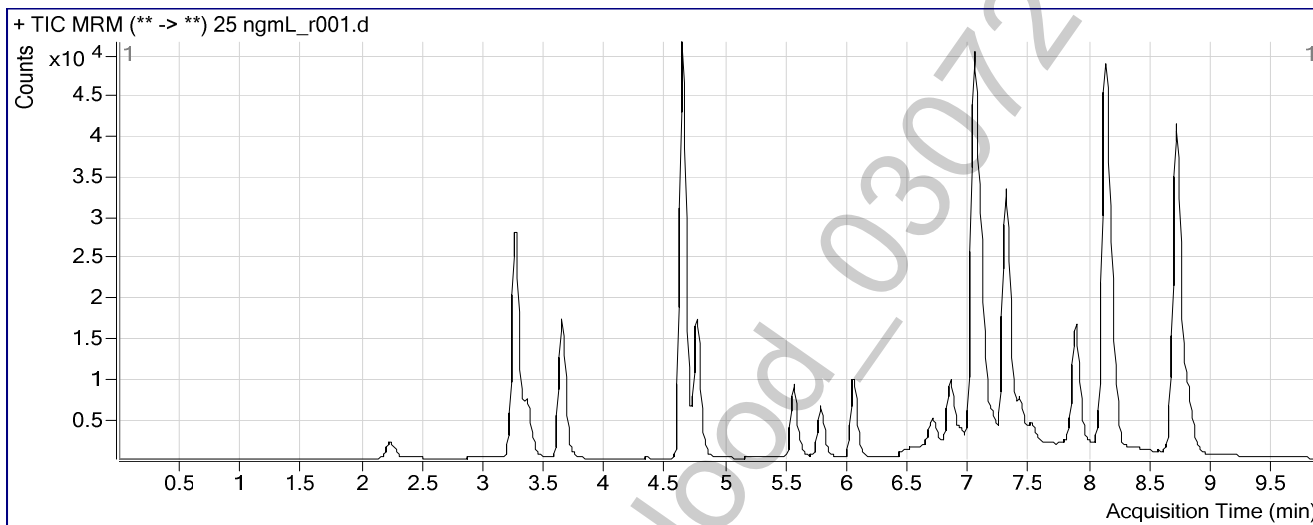
**Batch Data Path** C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin  
**Analysis Time** 3/7/2015 10:49 PM **Analyst Name** ISPUser  
**Report Time** 3/7/2015 10:52 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/7/2015 10:49 PM **Batch State** Processed



**Analysis Info**

**Acq Time** 2015-03-07 16:00 **Data File** 25 ngmL\_r001.d  
**Sample Type** Calibration **Sample Name** 25 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A5 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.242	6131	106151	0.0578	25.5761
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.378	18279	106151	0.1722	25.4210
zopiclone	Oxazepam D5 ISTD	3.648	44133	151872	0.2906	24.7123
zolpidem	Oxazepam D5 ISTD	4.650	149957	151872	0.9874	26.6750
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.771	49608	22316	2.2229	27.6507
quetiapine	Temazepam-D5 ISTD	5.569	23980	192714	0.1244	28.7146
Midazolam	Clonazepam-D4 ISTD	5.790	19643	95568	0.2055	21.4950
Flurazepam	Diazepam-D5 ISTD	6.053	31096	95966	0.3240	28.9684
Nitrazepam	Clonazepam-D4 ISTD	6.721	9638	95568	0.1009	26.9381
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.894	2332	22412	0.1040	26.0367
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.951	4686	22316	0.2100	27.6684
Oxazepam	Oxazepam D5 ISTD	7.107	29850	151872	0.1966	25.0699
Nordiazepam	Nordiazepam-D5 ISTD	7.218	9942	22316	0.4455	26.2771
Clonazepam	Clonazepam-D4 ISTD	7.358	12677	95568	0.1326	28.6141
Lorazepam	Oxazepam D5 ISTD	7.432	4171	151872	0.0275	27.4398
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.527	9743	22412	0.4347	25.6397
Flunitrazepam	Clonazepam-D4 ISTD	7.897	45130	95568	0.4722	27.7031
Temazepam	Temazepam-D5 ISTD	8.202	36130	192714	0.1875	28.1486
Diazepam	Diazepam-D5 ISTD	8.831	22034	95966	0.2296	28.8512

# ISP FORENSICS

## Pocatello

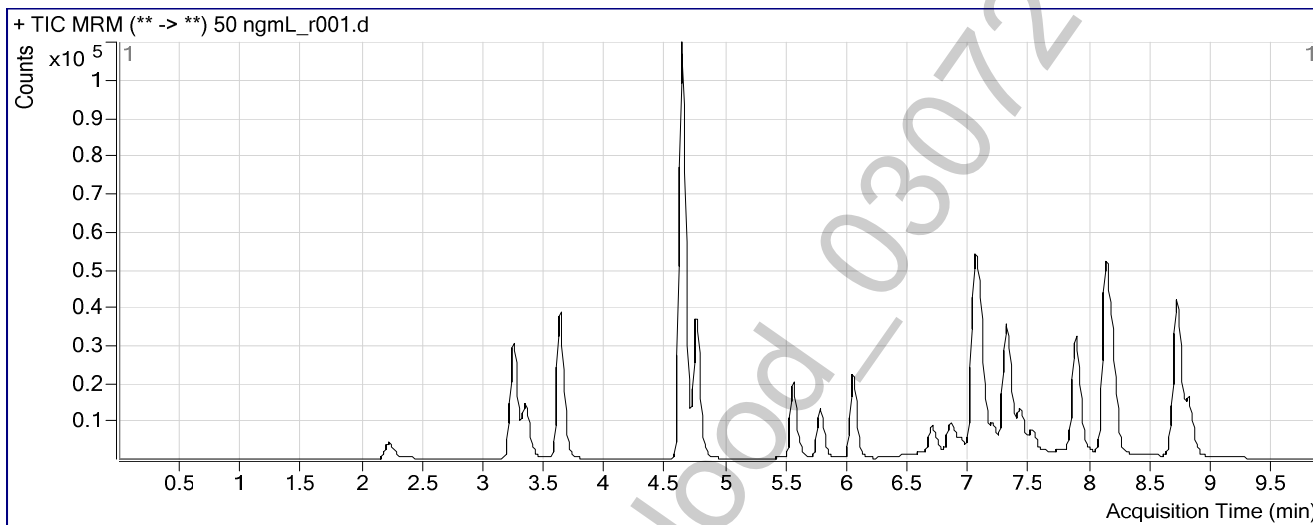
### Benzodiazepine Analysis Report

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<b>Report Time</b>	3/7/2015 10:52 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	3/7/2015 10:49 PM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2015-03-07 16:15	<b>Data File</b>	50 ngmL_r001.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	50 ngmL
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP.m
<b>Position</b>	P1-A6	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.234	13817	113466	0.1218	48.0625
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.361	42685	113466	0.3762	49.8310
zopiclone	Oxazepam D5 ISTD	3.640	97176	147947	0.6568	50.1320
zolpidem	Oxazepam D5 ISTD	4.642	321620	147947	2.1739	49.2648
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.771	105082	20357	5.1619	48.0896
quetiapine	Temazepam-D5 ISTD	5.560	53116	191286	0.2777	47.5358
Midazolam	Clonazepam-D4 ISTD	5.790	37783	95687	0.3949	49.8626
Flurazepam	Diazepam-D5 ISTD	6.053	70134	98809	0.7098	48.5495
Nitrazepam	Clonazepam-D4 ISTD	6.713	19274	95687	0.2014	47.3866
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.902	4993	23731	0.2104	45.7924
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.951	8776	20357	0.4311	46.8660
Oxazepam	Oxazepam D5 ISTD	7.099	67400	147947	0.4556	50.0624
Nordiazepam	Nordiazepam-D5 ISTD	7.227	18663	20357	0.9168	47.8584
Clonazepam	Clonazepam-D4 ISTD	7.366	25763	95687	0.2692	47.6730
Lorazepam	Oxazepam D5 ISTD	7.441	7955	147947	0.0538	49.0153
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.536	21299	23731	0.8976	47.4689
Flunitrazepam	Clonazepam-D4 ISTD	7.897	95127	95687	0.9941	47.7578
Temazepam	Temazepam-D5 ISTD	8.202	77804	191286	0.4067	48.3174
Diazepam	Diazepam-D5 ISTD	8.831	46009	98809	0.4656	47.9174

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

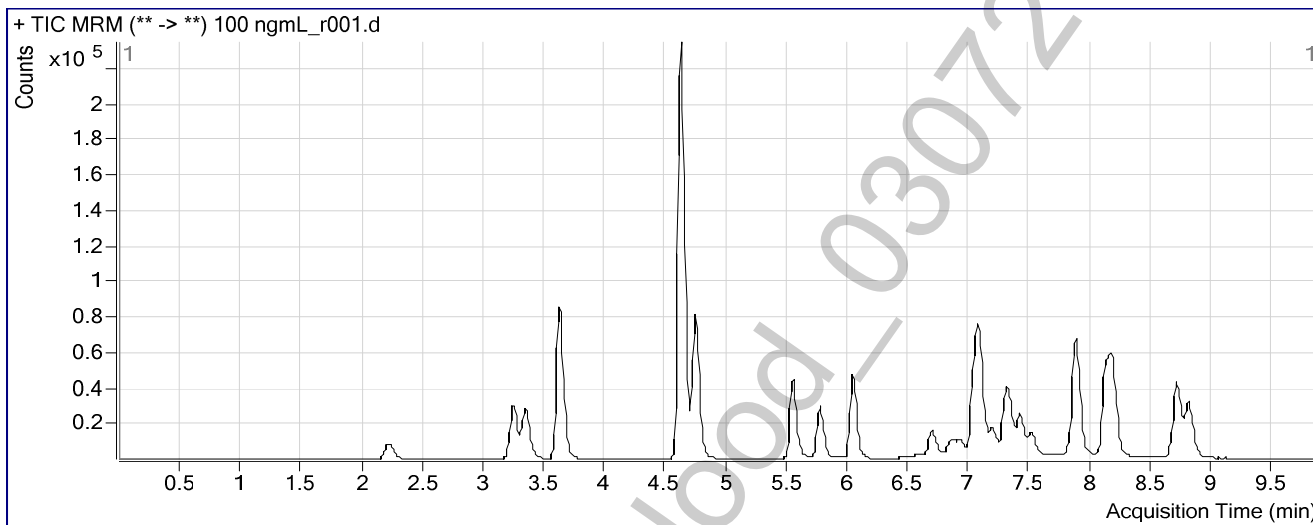
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**Report Time** 3/7/2015 10:52 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/7/2015 10:49 PM **Batch State** Processed



#### Analysis Info

**Acq Time** 2015-03-07 16:29 **Data File** 100 ngmL\_r001.d  
**Sample Type** Calibration **Sample Name** 100 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A7 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.226	29798	112950	0.2638	97.9640
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.361	88487	112950	0.7834	98.6939
zopiclone	Oxazepam D5 ISTD	3.632	213183	151070	1.4112	102.5311
zolpidem	Oxazepam D5 ISTD	4.633	690311	151070	4.5695	95.0191
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.763	232078	19988	11.6111	93.0951
quetiapine	Temazepam-D5 ISTD	5.560	116820	191725	0.6093	88.2953
Midazolam	Clonazepam-D4 ISTD	5.790	81097	95373	0.8503	118.3072
Flurazepam	Diazepam-D5 ISTD	6.053	150610	103633	1.4533	86.3103
Nitrazepam	Clonazepam-D4 ISTD	6.713	43363	95373	0.4547	98.9430
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.894	11298	21882	0.5163	102.6026
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.951	19534	19988	0.9773	94.4679
Oxazepam	Oxazepam D5 ISTD	7.099	147477	151070	0.9762	100.3695
Nordiazepam	Nordiazepam-D5 ISTD	7.218	40870	19988	2.0448	99.6624
Clonazepam	Clonazepam-D4 ISTD	7.358	54546	95373	0.5719	90.0593
Lorazepam	Oxazepam D5 ISTD	7.441	15891	151070	0.1052	91.2637
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.527	44225	21882	2.0211	100.1698
Flunitrazepam	Clonazepam-D4 ISTD	7.897	207493	95373	2.1756	93.3289
Temazepam	Temazepam-D5 ISTD	8.202	164552	191725	0.8583	89.8670
Diazepam	Diazepam-D5 ISTD	8.831	100131	103633	0.9662	88.4375



**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

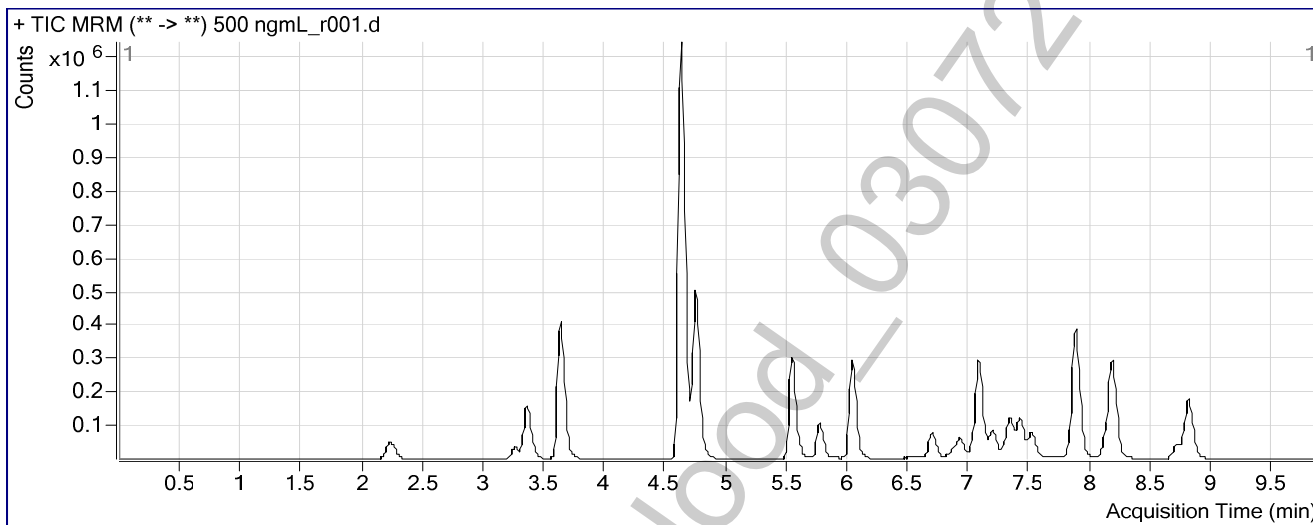
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**Last Calib Update** 3/7/2015 10:49 PM **Batch State** Processed



**Analysis Info**

**Acq Time** 2015-03-07 16:44 **Data File** 500 ngmL\_r001.d  
**Sample Type** Calibration **Sample Name** 500 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-A8 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.242	178132	124995	1.4251	505.9082
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.370	506708	124995	4.0538	497.7260
zopiclone	Oxazepam D5 ISTD	3.640	1063670	154700	6.8757	483.8553
zolpidem	Oxazepam D5 ISTD	4.633	3840766	154700	24.8273	489.9390
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.763	1438748	21383	67.2852	490.8235
quetiapine	Temazepam-D5 ISTD	5.552	797945	200488	3.9800	504.8776
Midazolam	Clonazepam-D4 ISTD	5.782	316726	99190	3.1931	474.9017
Flurazepam	Diazepam-D5 ISTD	6.045	971744	103522	9.3868	490.9860
Nitrazepam	Clonazepam-D4 ISTD	6.713	228918	99190	2.3079	479.2471
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	6.902	61378	27065	2.2678	427.8784
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.951	118749	21383	5.5535	503.7466
Oxazepam	Oxazepam D5 ISTD	7.099	772017	154700	4.9904	491.3648
Nordiazepam	Nordiazepam-D5 ISTD	7.218	223231	21383	10.4397	491.8720
Clonazepam	Clonazepam-D4 ISTD	7.358	330199	99190	3.3290	486.4983
Lorazepam	Oxazepam D5 ISTD	7.441	92166	154700	0.5958	499.6491
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.536	273913	27065	10.1207	468.7670
Flunitrazepam	Clonazepam-D4 ISTD	7.897	1217998	99190	12.2795	493.4088
Temazepam	Temazepam-D5 ISTD	8.202	1057306	200488	5.2737	497.2734
Diazepam	Diazepam-D5 ISTD	8.831	602528	103522	5.8203	487.6094

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

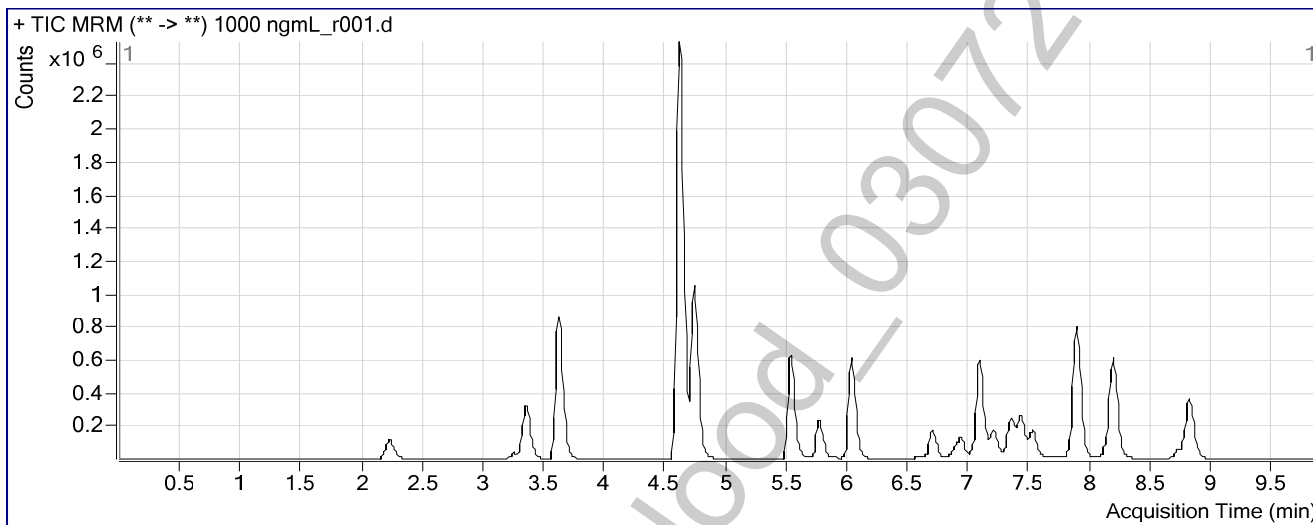
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<b>Report Time</b>	3/7/2015 10:52 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	3/7/2015 10:49 PM	<b>Batch State</b>	Processed



#### Analysis Info

<b>Acq Time</b>	2015-03-07 16:58	<b>Data File</b>	1000 ngmL_r001.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.m
<b>Position</b>	P1-A9	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7					
	ISTD	2.234	390004	132703	2.9389	1037.6178
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7					
	ISTD	3.361	1070399	132703	8.0661	1004.5796
zopiclone	Oxazepam D5 ISTD	3.632	2271904	157323	14.4411	1016.9005
zolpidem	Oxazepam D5 ISTD	4.625	7994286	157323	50.8146	1019.5659
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.754	3113378	22571	137.9365	1021.9704
quetiapine	Temazepam-D5 ISTD	5.543	1661414	207280	8.0153	1009.2428
Midazolam	Clonazepam-D4 ISTD	5.782	680225	102838	6.6145	1010.1029
Flurazepam	Diazepam-D5 ISTD	6.045	2052314	103586	19.8127	1027.7600
Nitrazepam	Clonazepam-D4 ISTD	6.721	508106	102838	4.9408	1029.0514
	alphahydroxyalprazolam-D5					
alpha-Hydroxyalprazolam	ISTD	6.902	130004	24347	5.3396	998.3516
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.951	245141	22571	10.8608	1004.6747
Oxazepam	Oxazepam D5 ISTD	7.107	1609231	157323	10.2289	1010.2435
Nordiazepam	Nordiazepam-D5 ISTD	7.218	478201	22571	21.1864	1012.4689
Clonazepam	Clonazepam-D4 ISTD	7.366	710045	102838	6.9045	1032.0452
Lorazepam	Oxazepam D5 ISTD	7.441	187870	157323	1.1942	1011.5124
	alphahydroxyalprazolam-D5					
Alprazolam	ISTD	7.544	609384	24347	25.0291	1102.3032
Flunitrazepam	Clonazepam-D4 ISTD	7.906	2552037	102838	24.8160	1018.7987
Temazepam	Temazepam-D5 ISTD	8.211	2252013	207280	10.8646	1016.0576
Diazepam	Diazepam-D5 ISTD	8.840	1264282	103586	12.2052	1031.1863

**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

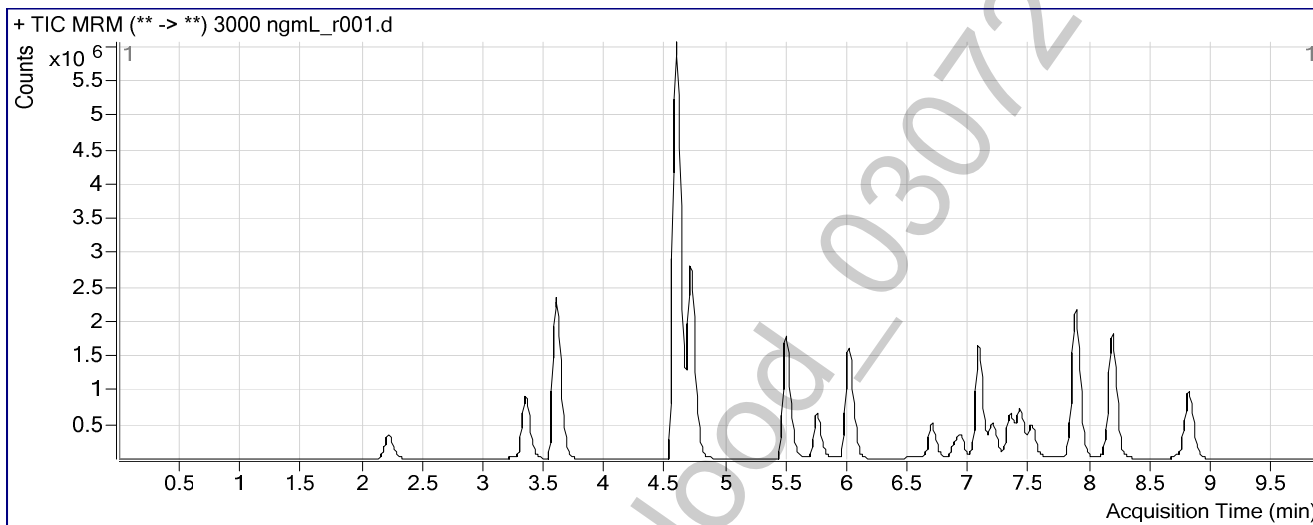
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**Last Calib Update** 3/7/2015 10:49 PM **Batch State** Processed



**Analysis Info**

**Acq Time** 2015-03-07 17:13 **Data File** 3000 ngmL\_r001.d  
**Sample Type** Calibration **Sample Name** 3000 ngmL  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-B1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.234	1158565	137704	8.4135	2959.8917
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.361	3072329	137704	22.3112	2998.7082
zopiclone	Oxazepam D5 ISTD	3.606	6638297	158840	41.7922	2996.8681
zolpidem	Oxazepam D5 ISTD	4.600	21568559	158840	135.7876	2994.2746
Chlordiazepoxide	Nordiazepam-D5 ISTD	4.721	8778125	24173	363.1365	2992.9349
quetiapine	Temazepam-D5 ISTD	5.502	4993097	213139	23.4264	2996.3240
Midazolam	Clonazepam-D4 ISTD	5.765	1998111	108956	18.3387	3000.3902
Flurazepam	Diazepam-D5 ISTD	6.020	6009451	105381	57.0260	2992.4206
Nitrazepam	Clonazepam-D4 ISTD	6.713	1514652	108956	13.9015	2993.4112
alpha-Hydroxyalprazolam	alpha-hydroxyalprazolam-D5 ISTD	6.894	435384	23228	18.7436	3487.6465
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	6.942	695575	24173	28.7748	2997.3556
Oxazepam	Oxazepam D5 ISTD	7.099	4663461	158840	29.3594	2997.8789
Nordiazepam	Nordiazepam-D5 ISTD	7.218	1402112	24173	58.0030	2996.7625
Clonazepam	Clonazepam-D4 ISTD	7.358	1923003	108956	17.6494	2989.2551
Lorazepam	Oxazepam D5 ISTD	7.441	530646	158840	3.3408	2996.0471
Alprazolam	alpha-hydroxyalprazolam-D5 ISTD	7.536	1751514	23228	75.4038	2942.3109
Flunitrazepam	Clonazepam-D4 ISTD	7.897	7027911	108956	64.5024	2993.4829
Temazepam	Temazepam-D5 ISTD	8.202	6792855	213139	31.8705	2995.3346
Diazepam	Diazepam-D5 ISTD	8.831	3484664	105381	33.0673	2990.7738

**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

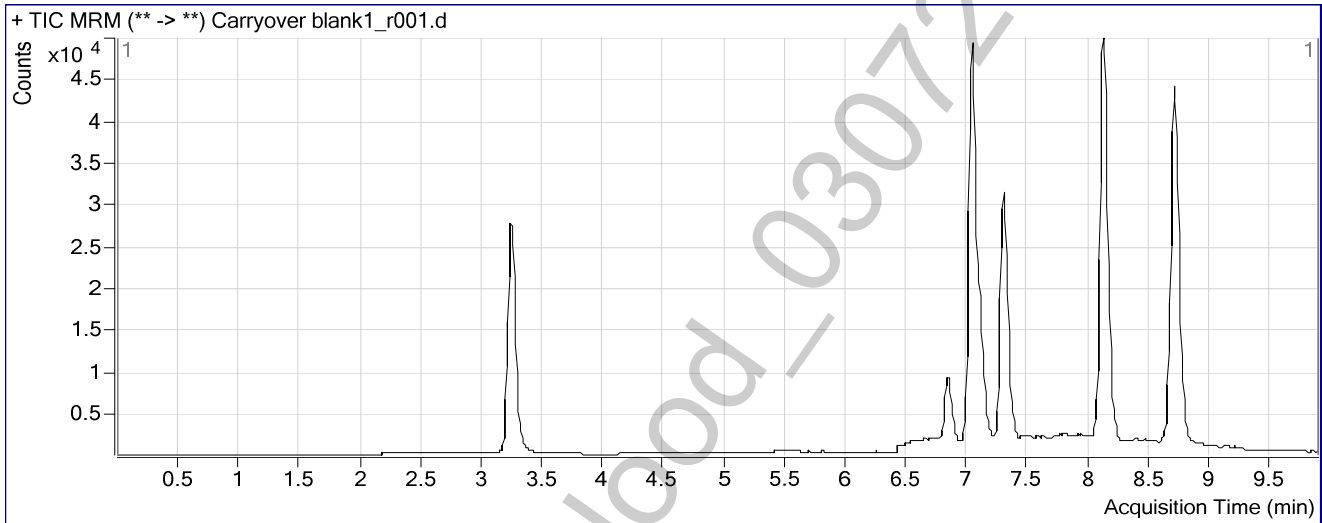
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<b>Last Calib Update</b>	3/7/2015 10:49 PM	<b>Batch State</b>	Processed



**Analysis Info**

<b>Acq Time</b>	2015-03-07 17:28	<b>Data File</b>	Carryover blank1_r001.d
<b>Sample Type</b>	Blank	<b>Sample Name</b>	Blank
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP.m
<b>Position</b>	P1-A1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



POC\_AM 6.1.1 Blood - 03072015 - DND

**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

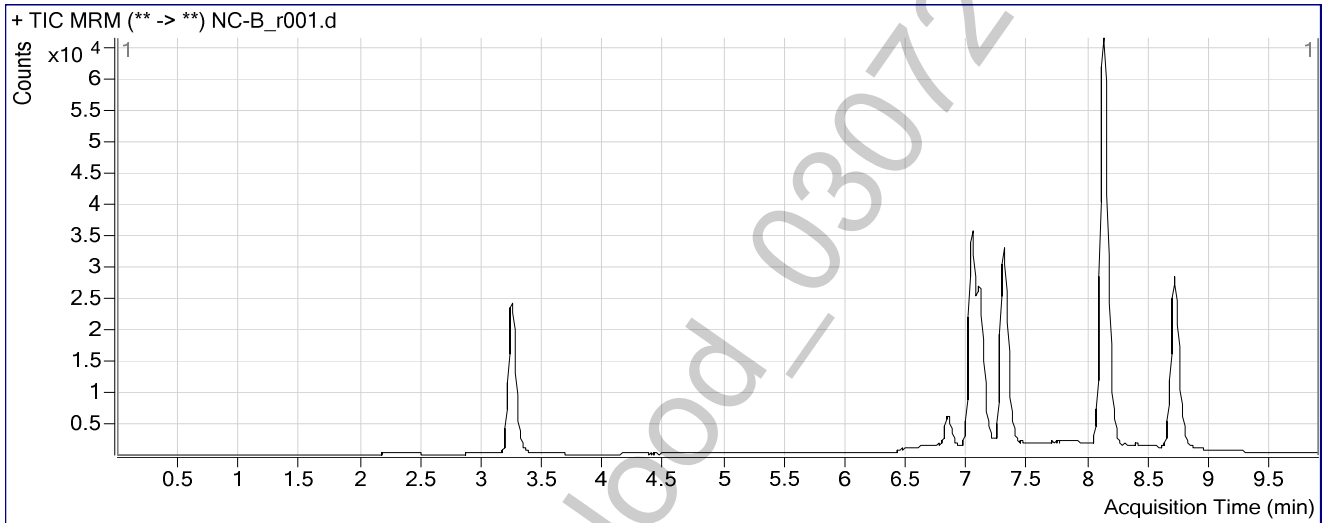
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<b>Last Calib Update</b>	3/7/2015 10:49 PM	<b>Batch State</b>	Processed



**Analysis Info**

<b>Acq Time</b>	2015-03-07 17:42	<b>Data File</b>	NC-B_r001.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Negative Blood Control
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP.m
<b>Position</b>	P1-B2	<b>Sample Info</b>	UTAK Negative Whole Blood LOT B0130
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

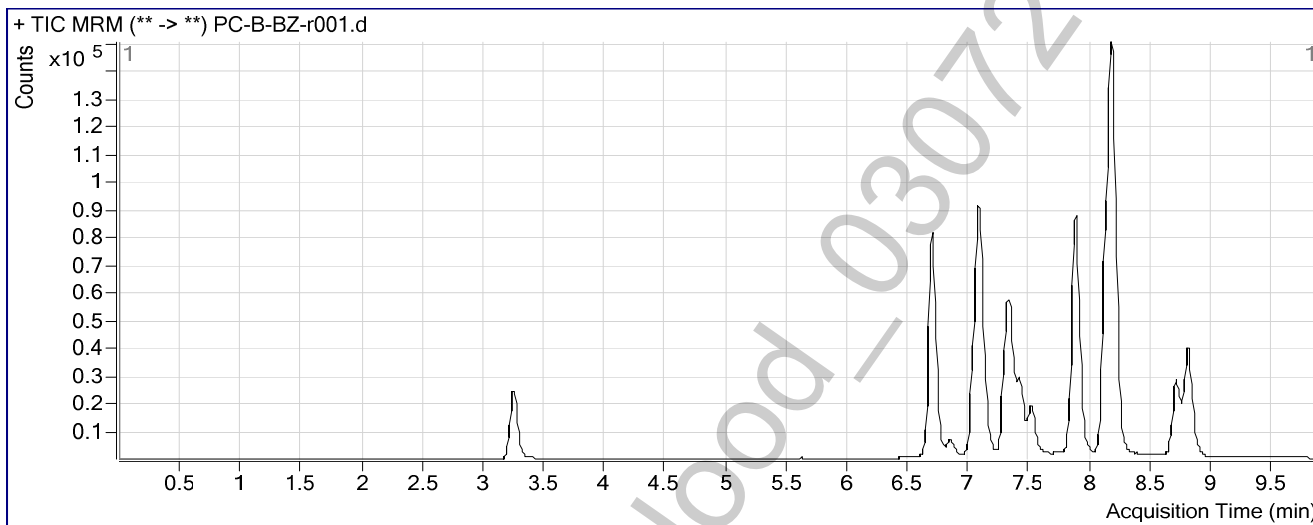
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**Report Time** 3/7/2015 10:52 PM **Reporter Name** ISPUser  
**Last Calib Update** 3/7/2015 10:49 PM **Batch State** Processed



#### Analysis Info

**Acq Time** 2015-03-07 17:57 **Data File** PC-B-BZ-r001.d  
**Sample Type** Sample **Sample Name** Positive Blood Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP.m  
**Position** P1-B3 **Sample Info** 200 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT BC  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nitrazepam	Clonazepam-D4 ISTD	6.713	245781	108050	2.2747	472.3878
Oxazepam	Oxazepam D5 ISTD	7.099	183825	112198	1.6384	164.4845
Clonazepam	Clonazepam-D4 ISTD	7.358	121332	108050	1.1229	167.7727
Lorazepam	Oxazepam D5 ISTD	7.432	18302	112198	0.1631	138.9901
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.536	60818	16748	3.6313	175.0023
Flunitrazepam	Clonazepam-D4 ISTD	7.897	271972	108050	2.5171	106.5460
Temazepam	Temazepam-D5 ISTD	8.202	494214	269400	1.8345	179.7699
Diazepam	Diazepam-D5 ISTD	8.831	128833	65105	1.9788	170.7691

**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

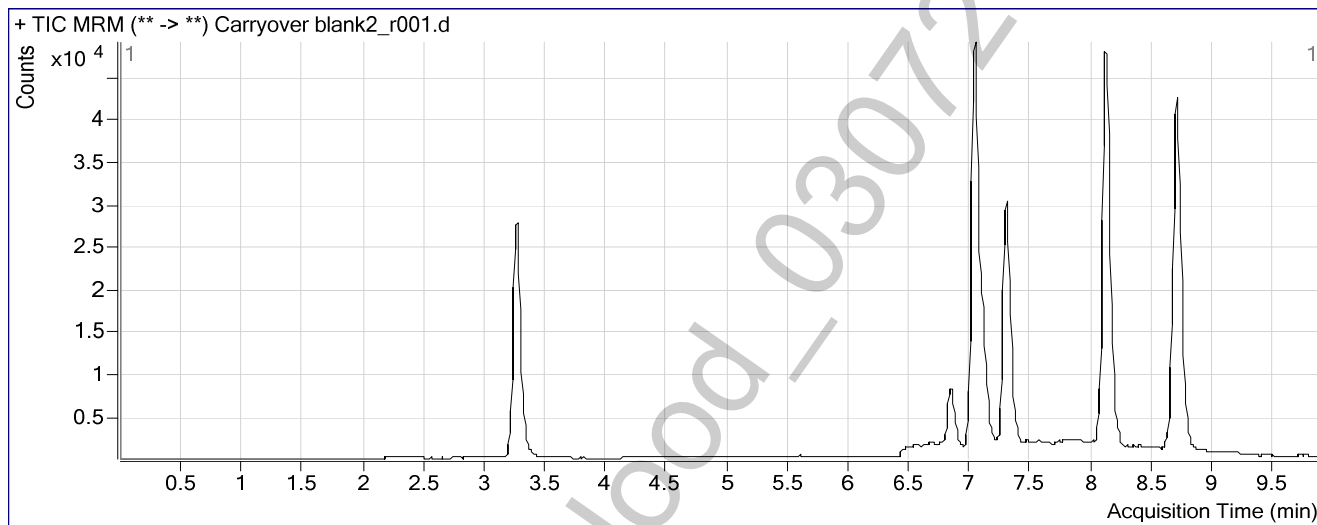
<b>Batch Data Path</b>	C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin		
<b>Analysis Time</b>	3/7/2015 10:49 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	3/7/2015 10:52 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	3/7/2015 10:49 PM	<b>Batch State</b>	Processed



**Analysis Info**

<b>Acq Time</b>	2015-03-07 18:12	<b>Data File</b>	Carryover blank2_r001.d
<b>Sample Type</b>	Blank	<b>Sample Name</b>	Blank
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP.m
<b>Position</b>	P1-A1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**

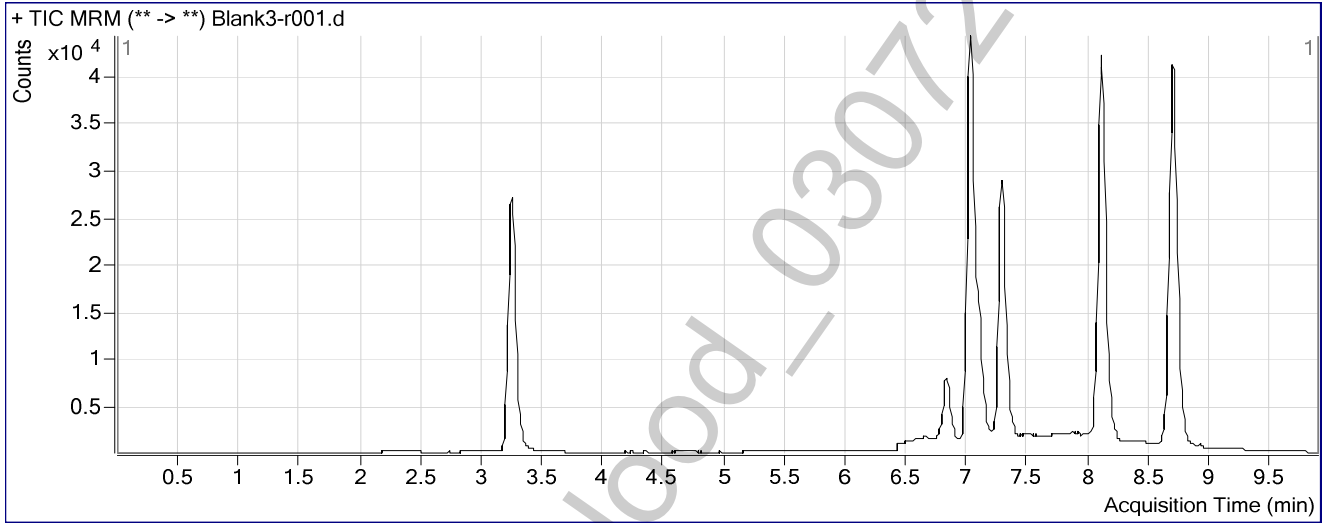
<b>Batch Data Path</b>	C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin	<b>Analyst Name</b>	ISPUser
<b>Analysis Time</b>	3/7/2015 10:49 PM	<b>Reporter Name</b>	ISPUser
<b>Report Time</b>	3/7/2015 10:52 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/7/2015 10:49 PM		



**Analysis Info**

<b>Acq Time</b>	2015-03-07 22:20	<b>Data File</b>	Blank3-r001.d
<b>Sample Type</b>	Blank	<b>Sample Name</b>	Blank
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP.m
<b>Position</b>	P1-A1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**



POC\_AM 6.1.1 BIOC00\_03072015 - DMD



**ISP FORENSICS**  
**Pocatello**  
**Benzodiazepine Analysis Report**



<b>Batch Data Path</b>	C:\MassHunter\Data\BZ-B-030715\QuantResults\BZ-B-030715.batch.bin		
<b>Analysis Time</b>	3/7/2015 10:49 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	3/7/2015 10:52 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	3/7/2015 10:49 PM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2015-03-07 22:35	<b>Data File</b>	Blank4-r001.d
<b>Sample Type</b>	Blank	<b>Sample Name</b>	Blank
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP.m
<b>Position</b>	P1-A1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

**Sample Chromatogram**

