



**Worklist: 1466**

central data reviewed by B.Wylie on 1/12/17

*B.Wylie*

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2016-1135	1	73494	AM 13 Blood LCMS-QQQ Benz	
C2016-1234	1.1	69948	AM 13 Blood LCMS-QQQ Benz	
C2016-1261	1.2	69949	AM 13 Blood LCMS-QQQ Benz	
C2016-1326	1.1	72632	AM 13 Blood LCMS-QQQ Benz	
C2016-1380	1.1	72631	AM 13 Blood LCMS-QQQ Benz	
C2016-1682	1	73497	AM 13 Blood LCMS-QQQ Benz	
M2016-3079	2.1	72630	AM 13 Blood LCMS-QQQ Benz	
M2016-3999	1	73513	AM 13 Blood LCMS-QQQ Benz	
P2016-1597	1	73776	AM 13 Blood LCMS-QQQ Benz	
P2016-1601	1.1	72625	AM 13 Blood LCMS-QQQ Benz	
P2016-1668	1.1	73705	AM 13 Blood LCMS-QQQ Benz	
P2016-1708	1.1	72624	AM 13 Blood LCMS-QQQ Benz	
P2016-1724	1.1	72639	AM 13 Blood LCMS-QQQ Benz	
P2016-1726	1.1	73777	AM 13 Blood LCMS-QQQ Benz	
P2016-1727	1.1	73707	AM 13 Blood LCMS-QQQ Benz	
P2016-1811	1.1	72628	AM 13 Blood LCMS-QQQ Benz	
P2016-1812	1.2	73714	AM 13 Blood LCMS-QQQ Benz	
P2016-1830	1.1	72627	AM 13 Blood LCMS-QQQ Benz	
P2016-1878	1.1	72626	AM 13 Blood LCMS-QQQ Benz	
P2016-1946	1.2	73716	AM 13 Blood LCMS-QQQ Benz	
P2016-2083	1	73515	AM 13 Blood LCMS-QQQ Benz	
P2016-2084	1	73516	AM 13 Blood LCMS-QQQ Benz	
P2016-2130	1	73517	AM 13 Blood LCMS-QQQ Benz	

**Worklist: 1466**

LAB CASE      ITEM                    TASK ID   DESCRIPTION

# Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS BENZ 122216.wkl
Date Modified:	12/22/2016 12:41:47 PM
Date Printed:	12/22/2016 12:42:21 PM

## Worklist Run Parameters

Operator Name:	62340
Run Type:	Standard Start
Part of Method to Run:	Acquisition Only
Execution for Acquisition-DA:	Synchronous
Acquisition Method Path:	C:\MassHunter\ISP Methods\Acquisition
DA Method Path:	D:\MassHunter\methods
Data File Path:	C:\MassHunter\Data\2016\BENZ\PracticeSamples121216
Pre-Worklist Script:	---
Post-Worklist Script:	SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
Acquisition Clean Up Script:	---
Overlapped Injection:	No
Clear sample selection after run:	Yes
Wait Time for Ready(Min):	10
Threshold Disk Value(GB):	10
Comment:	---


## Plate Barcode Information


Plate	Barcode
P1	
P2	

## Worklist Table

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Blank.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Blank1- r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Blank2- r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-A2	10 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-10 ngmL- r001.d	Calibration	2	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A3	25 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-25 ngmL_r001.d	Calibration	3	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A4	50 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m		Calibration	4		

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 9
			BZ-50 ngmL_r001.d			AM 6.1.1 Benzo and Z by LCQQQ	
P1-A5	100 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-100 ngmL_r001.d	Calibration	5	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A6	500 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-500 ngmL_r001.d	Calibration	6	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A7	1000 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-1000 ngmL_r001.d	Calibration	7	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-F9	Negative Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- NC-B_r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	UTAK Negative Whole Blood LOT B1013
P1-B1	P2016- 1597-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- P2016- 1597-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	C2016- 1135-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-C2016- 1135-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B3	C2016- 1682-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-C2016- 1682-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B4	M2016- 3999-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-M2016- 3999-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B5	P2016- 2083-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016- 2083-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B6	P2016- 2084-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016- 2084-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B7	P2016- 2130-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016- 2130-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B8	C2016- 1234-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-C2016- 1234-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B9	C2016- 1261-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-C2016- 1261-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 
P1-C1	P2016-1668-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1668-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F8	Positive Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-PC-B-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Benzodiazepines Mix Cerilliant lot FE012413-02 in UTAK LOT B1013
P1-C2	P2016-1726-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- P2016-1726-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-C3	P2016-1727-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1727-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-C4	P2016-1812-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1812-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-C5	P2016-1946-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1946-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-C6	C2016-1326-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-C2016-1326-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-C7	C2016-1380-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-C2016-1380-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-C8	M2016-3079-2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-M2016-3079-2-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-C9	P2016-1724-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1724-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-D1	P2016-1811-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1811-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-D2	P2016-1830-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1830-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-D3	P2016-1878-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1878-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-D4	P2016-1601-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1601-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-D5	P2016-1708-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1708-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 
P1-F9	Negative Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-NC-B_end of run.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	UTAK Negative Whole Blood LOT B1013
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Blank2-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood

# ISP Forensics Calibration Curve Report

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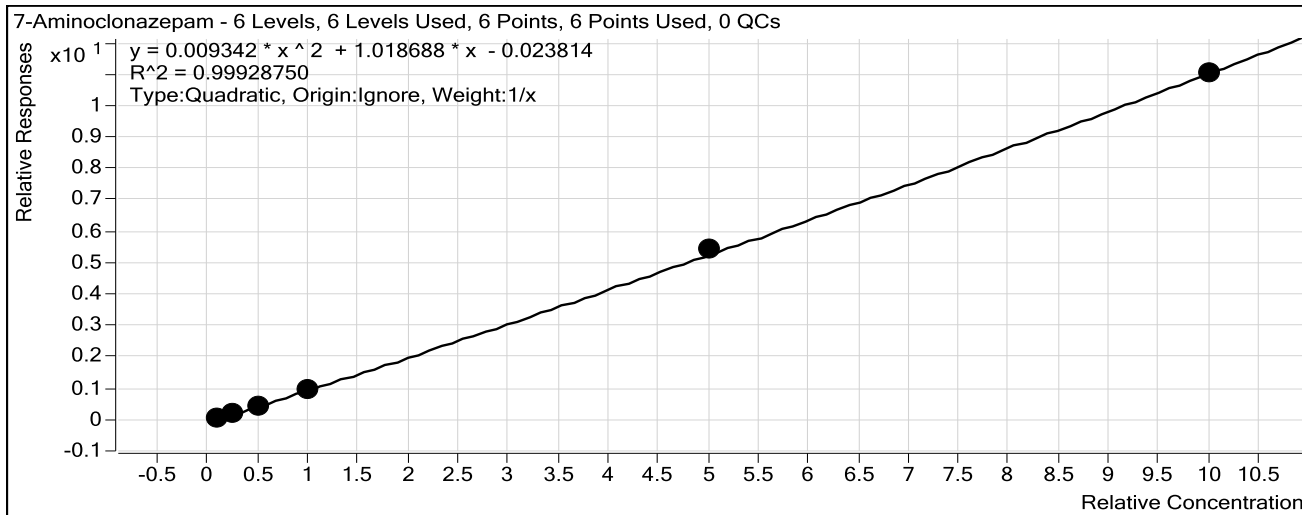
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** 7-Aminoclonazepam

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.1	111.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.7	98.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.8	93.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	94.1	94.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	514.0	102.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	994.2	99.4

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

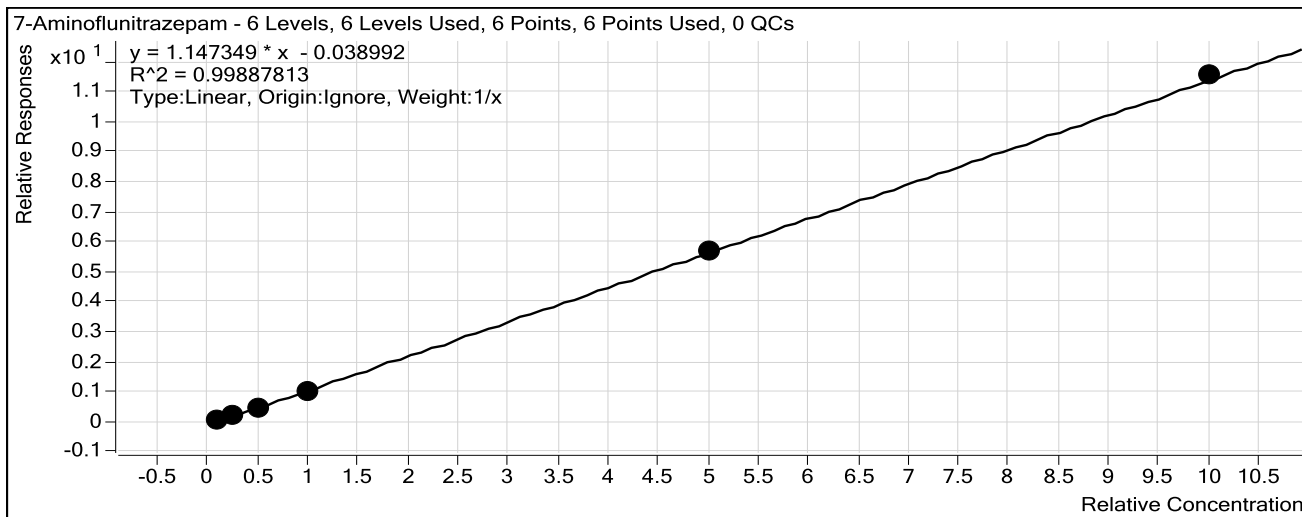
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** 7-Aminoflunitrazepam

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.8	117.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.6	98.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.2	92.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	90.2	90.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	503.3	100.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1008.9	100.9



# ISP Forensics Calibration Curve Report

CS

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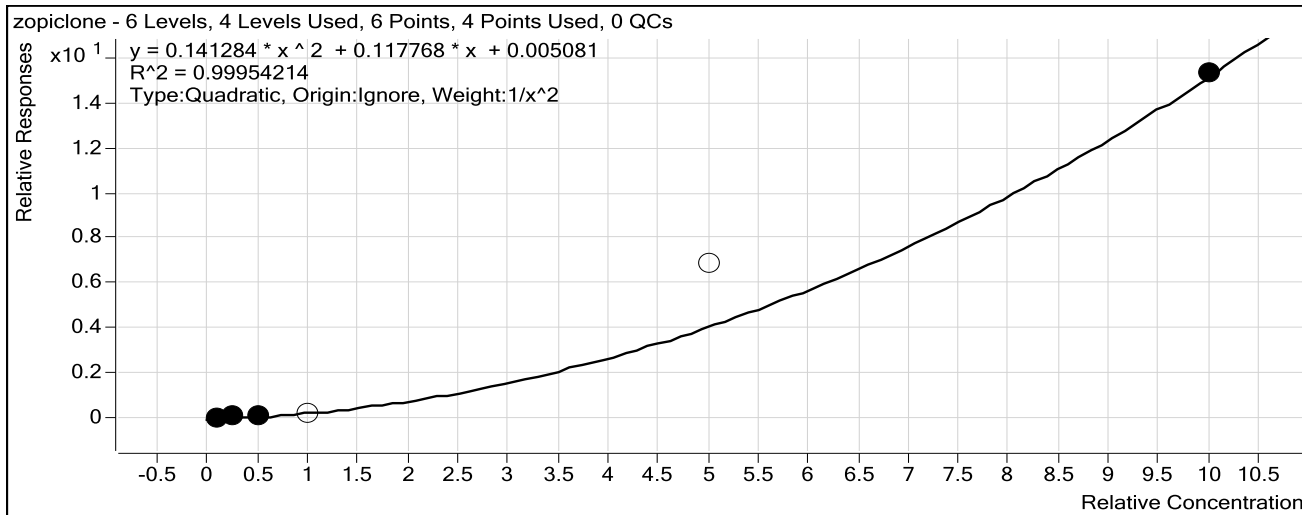
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** zopiclone

**Internal Standard** Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	2	<input checked="" type="checkbox"/>	10	9.6	95.7
25 ngmL	3	<input checked="" type="checkbox"/>	25	28.3	113.3
50 ngmL	4	<input checked="" type="checkbox"/>	50	46.1	92.2
100 ngmL	5	<input type="checkbox"/>	100	76.8	76.8
500 ngmL	6	<input type="checkbox"/>	500	657.1	131.4
1000 ngmL	7	<input checked="" type="checkbox"/>	1000	1000.1	100.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

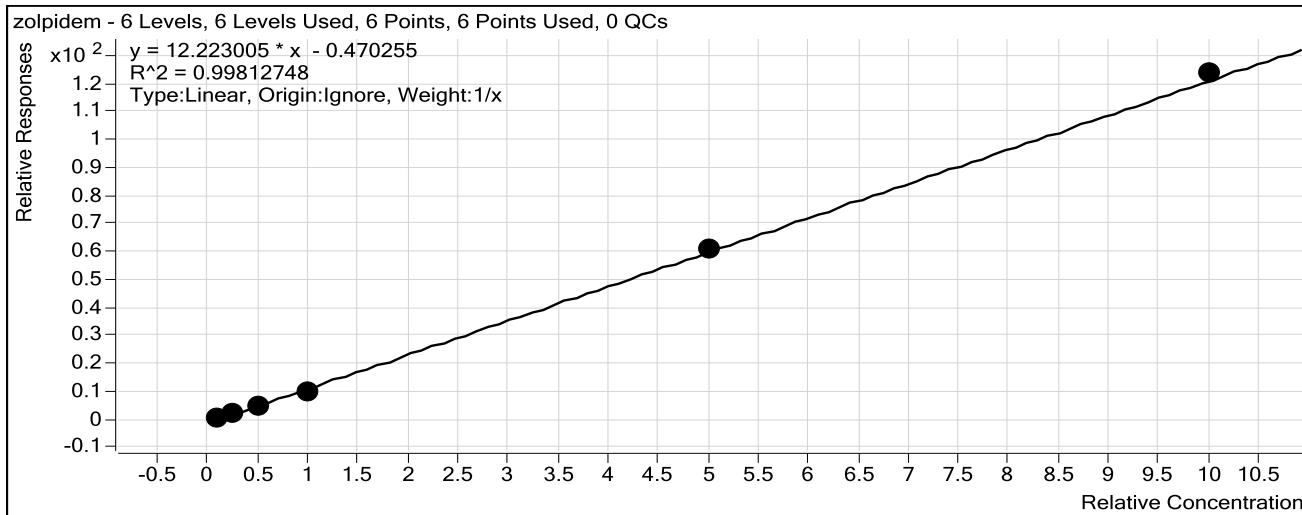
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** zolpidem

**Internal Standard** Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.9	118.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.7	102.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.8	89.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	87.3	87.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	499.8	100.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1015.5	101.6

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

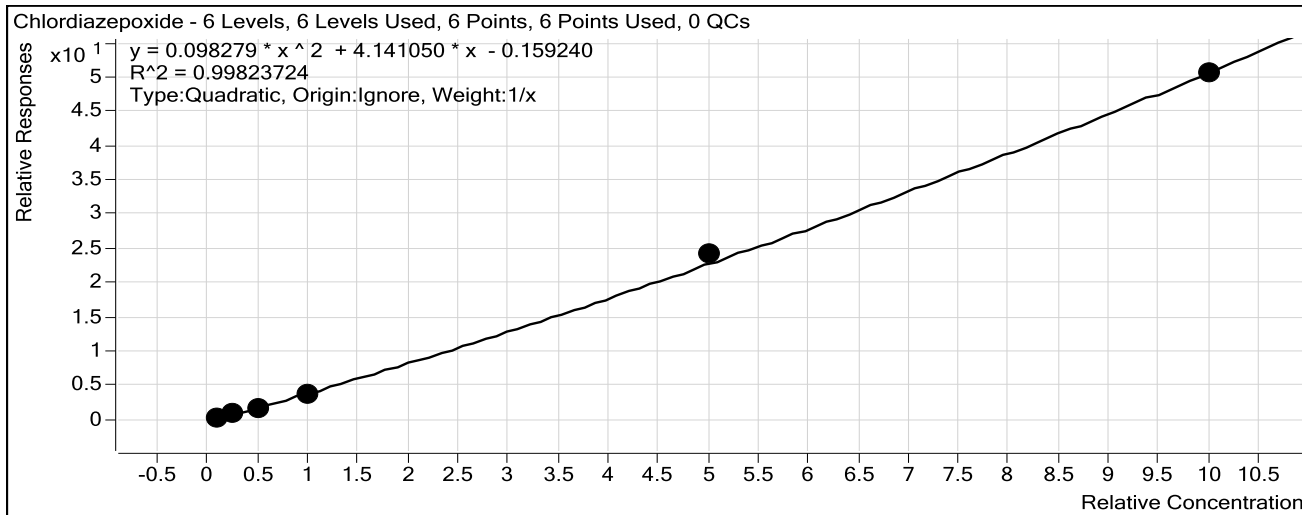
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** *Chlordiazepoxide*

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.9	118.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.7	98.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.6	89.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	89.6	89.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	521.6	104.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.8	99.2

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

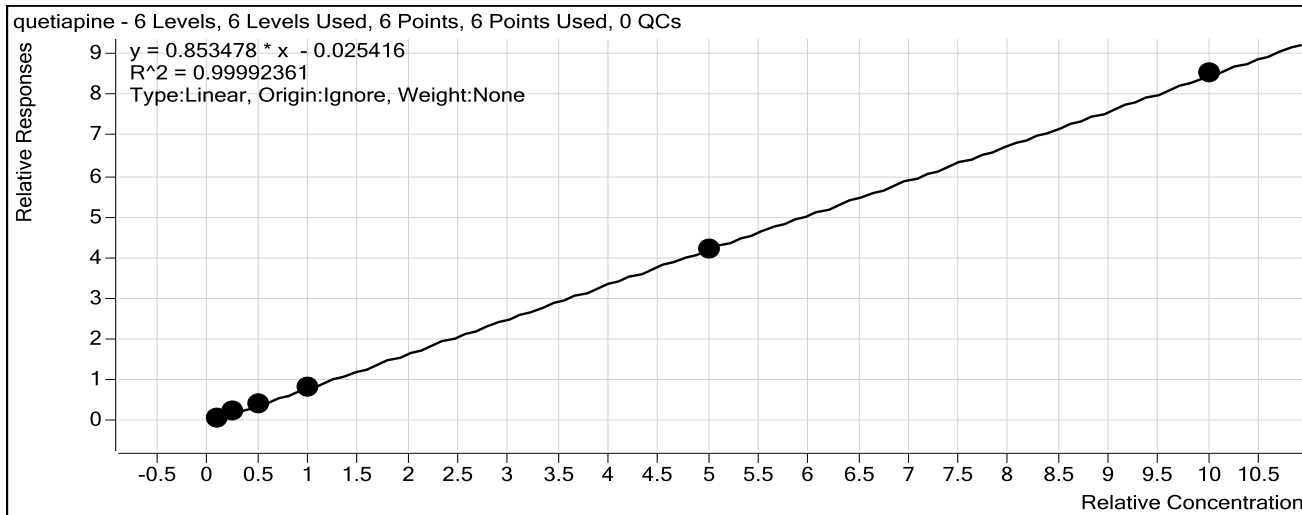
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** *quetiapine*

**Internal Standard** *Temazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	12.0	119.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	29.5	117.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.5	99.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.1	95.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	497.0	99.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1001.9	100.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

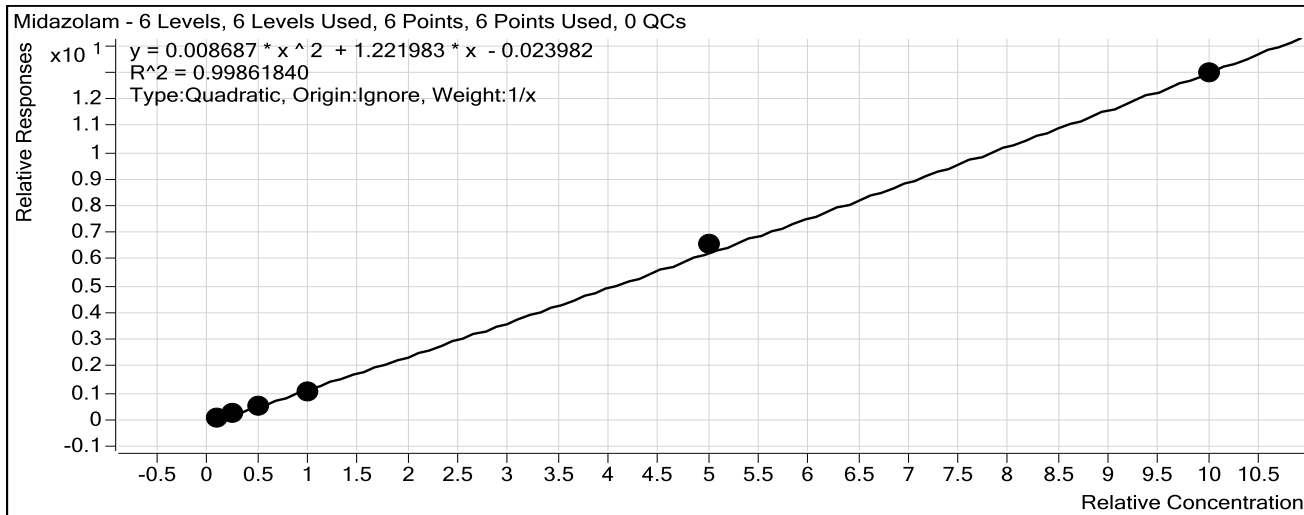
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** Midazolam

**Internal Standard** Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.4	113.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.2	92.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	91.0	91.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	519.6	103.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.7	99.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

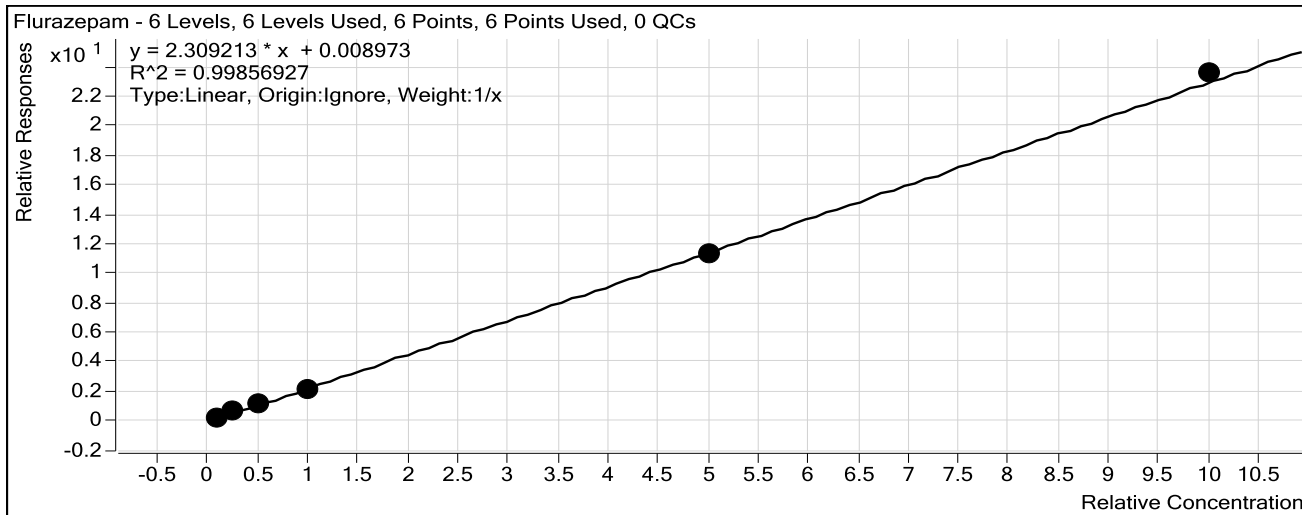
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** *Flurazepam*

**Internal Standard** *Diazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	2	<input checked="" type="checkbox"/>	10	10.9	109.2
25 ngmL	3	<input checked="" type="checkbox"/>	25	26.6	106.4
50 ngmL	4	<input checked="" type="checkbox"/>	50	47.7	95.5
100 ngmL	5	<input checked="" type="checkbox"/>	100	88.7	88.7
500 ngmL	6	<input checked="" type="checkbox"/>	500	491.3	98.3
1000 ngmL	7	<input checked="" type="checkbox"/>	1000	1019.8	102.0

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

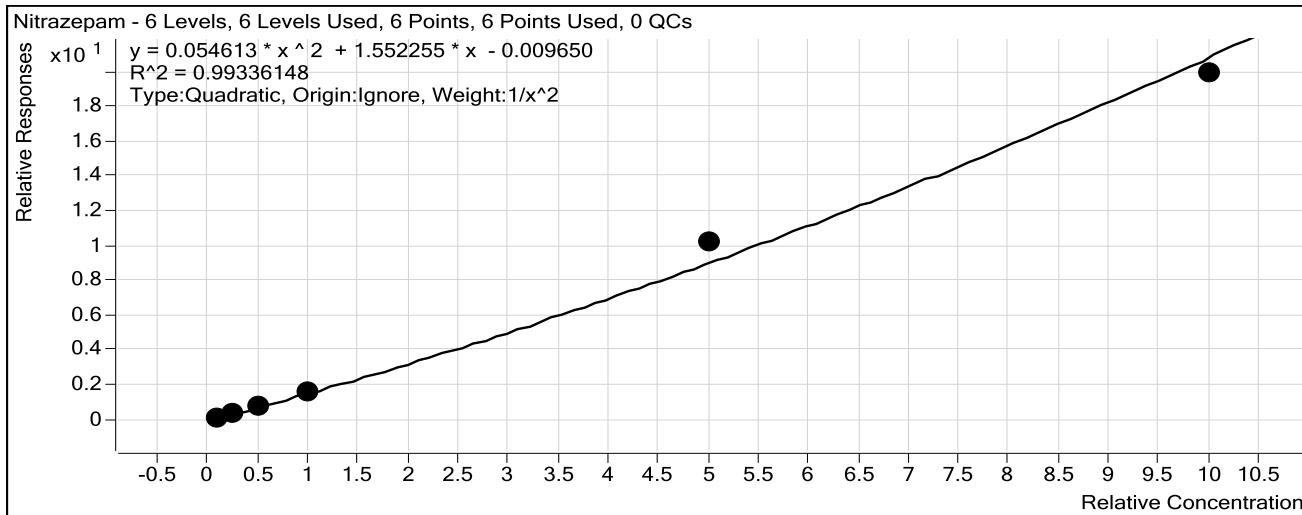
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** Nitrazepam

**Internal Standard** Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.2	102.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	96.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.6	95.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.5	98.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	554.6	110.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	958.5	95.9

# ISP Forensics Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

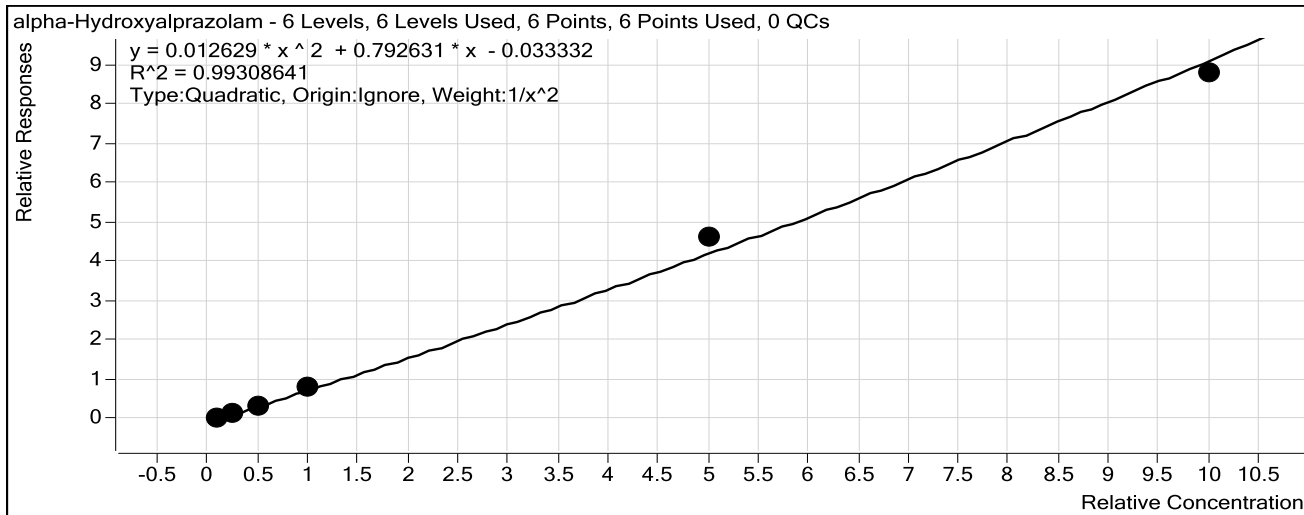
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** *alpha-Hydroxyalprazolam*

**Internal Standard** *alphahydroxyalprazolam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.4	103.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.0	92.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.6	93.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	106.3	106.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	540.6	108.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	962.8	96.3



# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

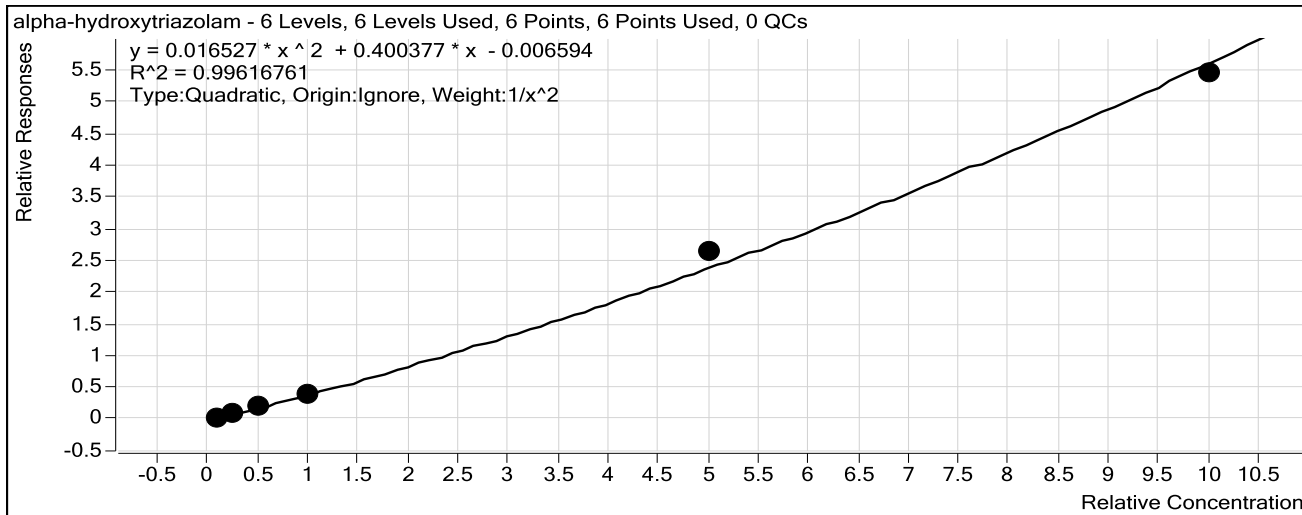
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** *alpha-hydroxytriazolam*

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.1	101.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	97.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.2	100.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	94.8	94.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	539.9	108.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	971.8	97.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

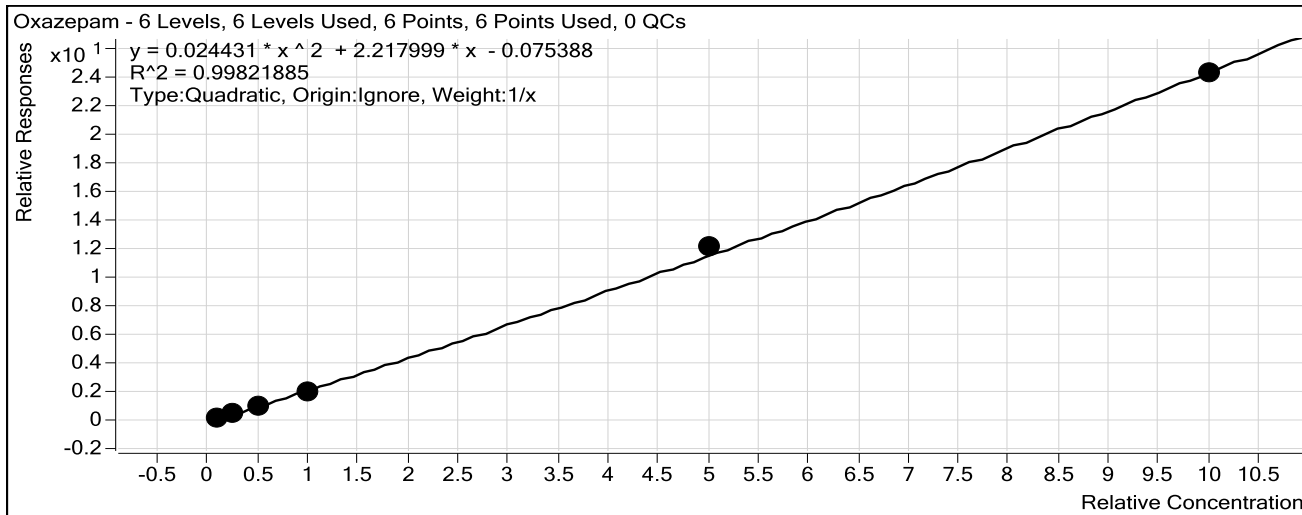
ISP TOX

**Target Compound**

*Oxazepam*

*Internal Standard*

*Nordiazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.5	114.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.6	102.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.8	89.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	90.0	90.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	521.9	104.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.0	99.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

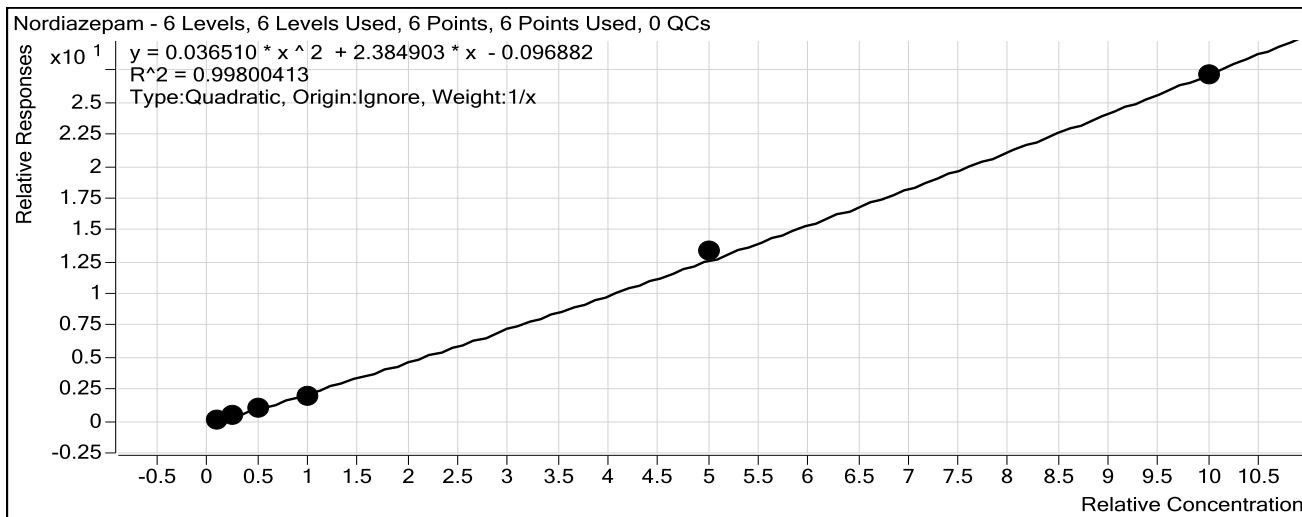
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** Nordiazepam

**Internal Standard** Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.8	117.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.2	90.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	88.6	88.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	523.3	104.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	990.7	99.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

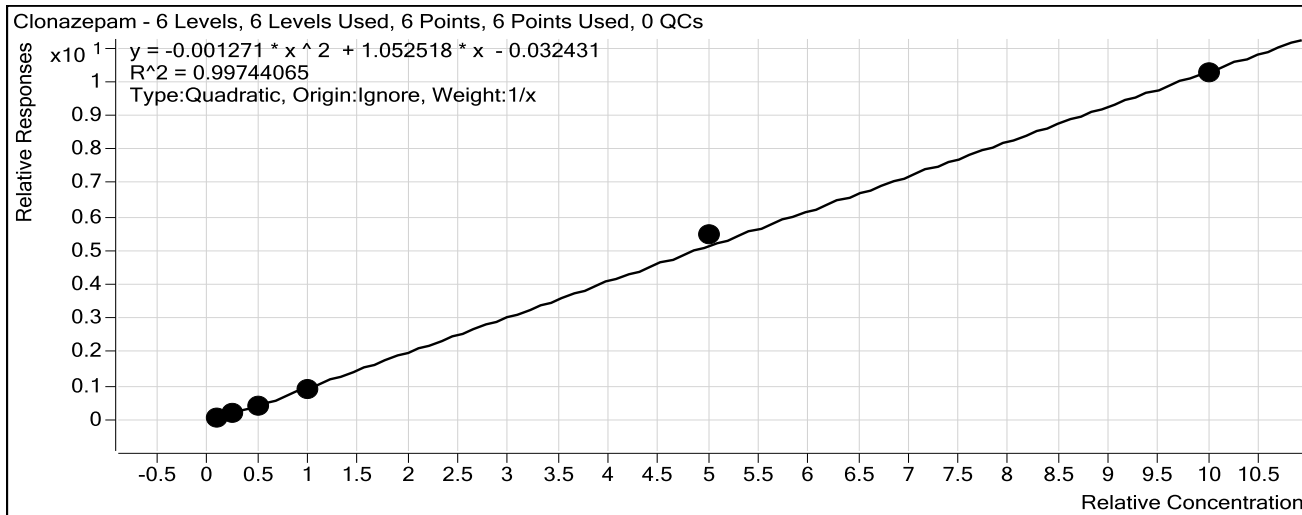
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** *Clonazepam*

**Internal Standard** *Clonazepam-D4 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	12.0	119.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.1	96.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.6	91.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	88.5	88.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	527.2	105.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	987.6	98.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

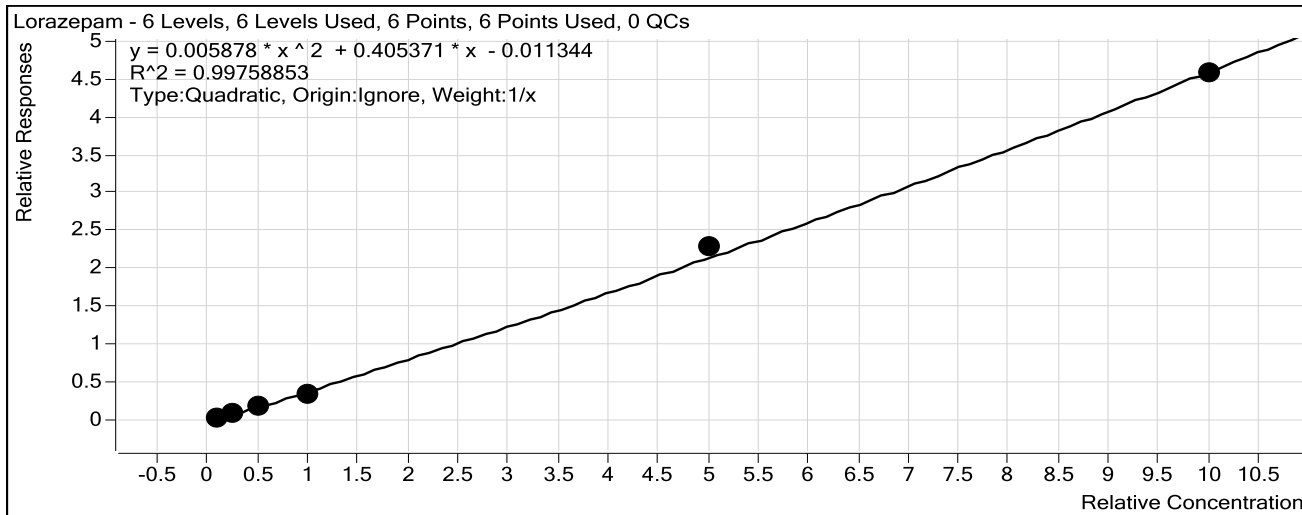
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** Lorazepam

**Internal Standard** Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	2	<input checked="" type="checkbox"/>	10	11.8	118.1
25 ngmL	3	<input checked="" type="checkbox"/>	25	25.3	101.1
50 ngmL	4	<input checked="" type="checkbox"/>	50	44.6	89.1
100 ngmL	5	<input checked="" type="checkbox"/>	100	87.6	87.6
500 ngmL	6	<input checked="" type="checkbox"/>	500	525.6	105.1
1000 ngmL	7	<input checked="" type="checkbox"/>	1000	989.8	99.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

**Last Calib Update** 1/3/2017 3:25 PM

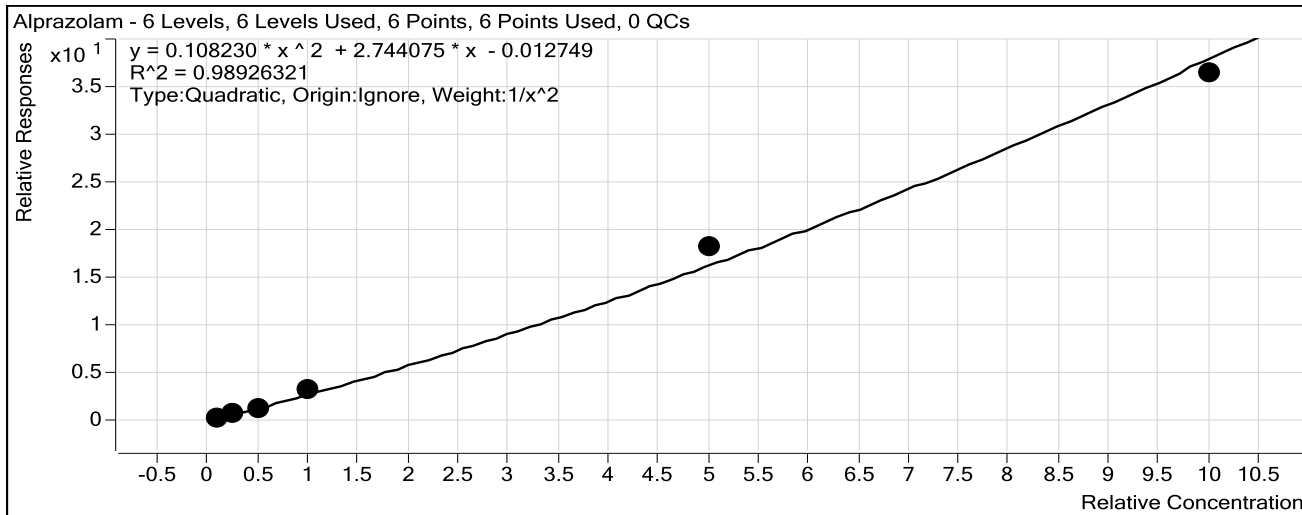
**Analyst Name**

ISP TOX

**Target Compound** Alprazolam

**Internal Standard**

alphahydroxyalprazolam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.4	103.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.7	94.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	43.1	86.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	108.6	108.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	545.8	109.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	962.9	96.3

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

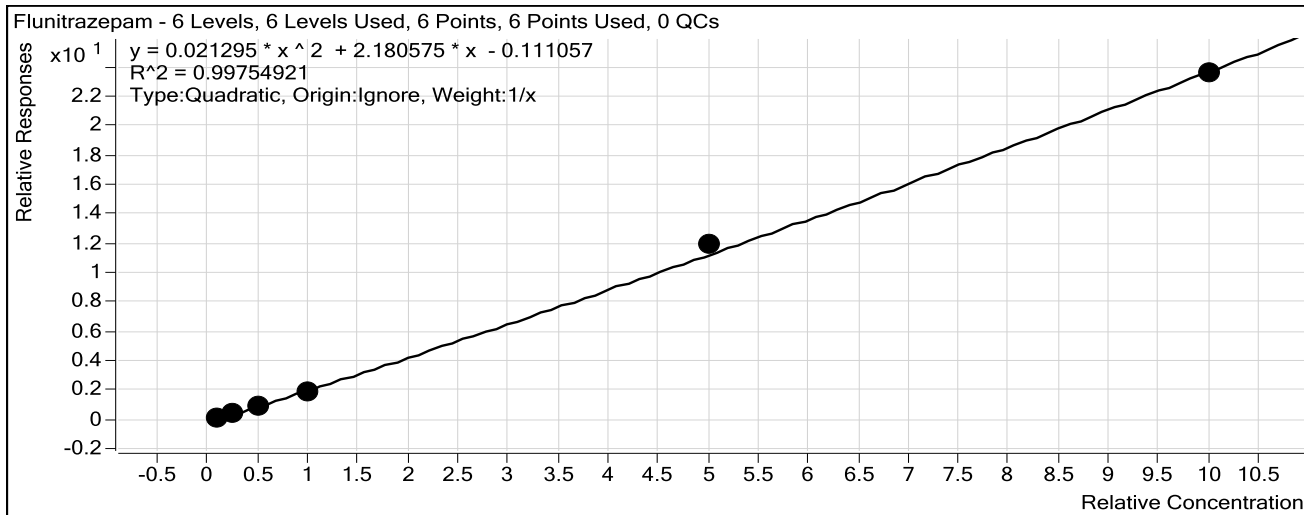
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** *Flunitrazepam*

**Internal Standard** *Clonazepam-D4 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.9	119.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.7	98.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.9	89.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	87.9	87.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	526.1	105.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	989.2	98.9

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

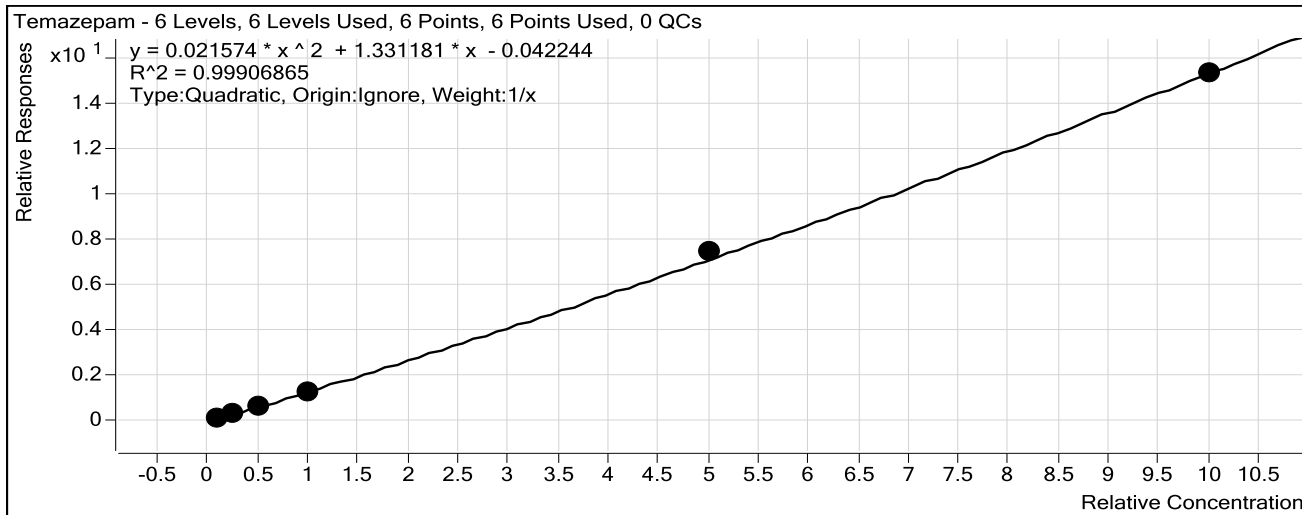
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** *Temazepam*

**Internal Standard** *Temazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.3	112.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.8	99.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.6	93.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	92.4	92.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	515.9	103.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	993.7	99.4



# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin

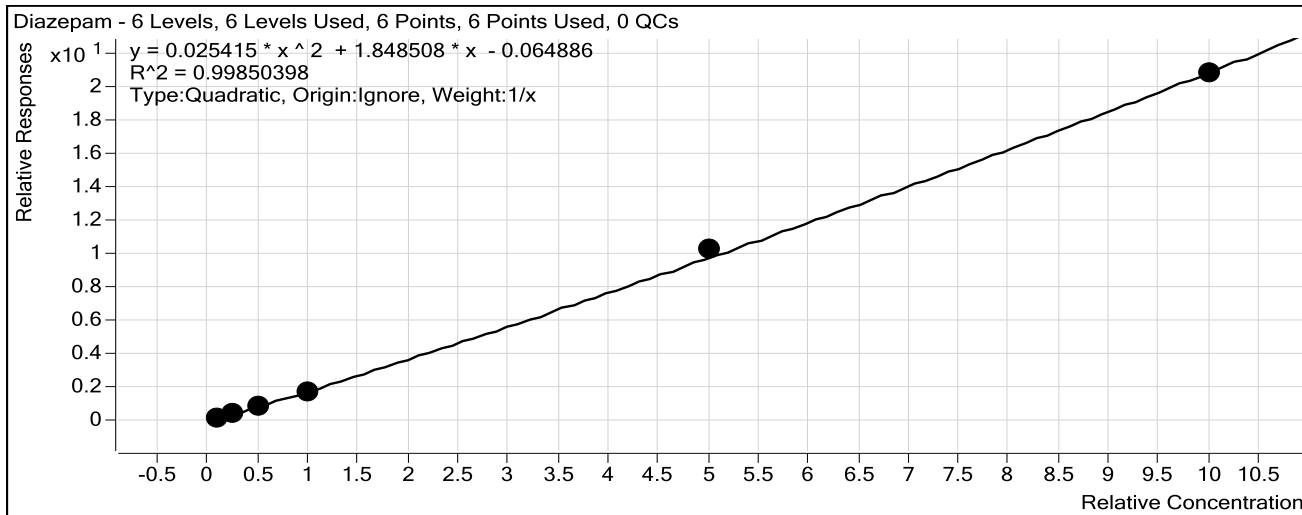
**Last Calib Update** 1/3/2017 3:25 PM

**Analyst Name**

ISP TOX

**Target Compound** *Diazepam*

**Internal Standard** *Diazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.7	116.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	97.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.9	91.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	90.6	90.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	520.2	104.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.9	99.2

## Pocatello

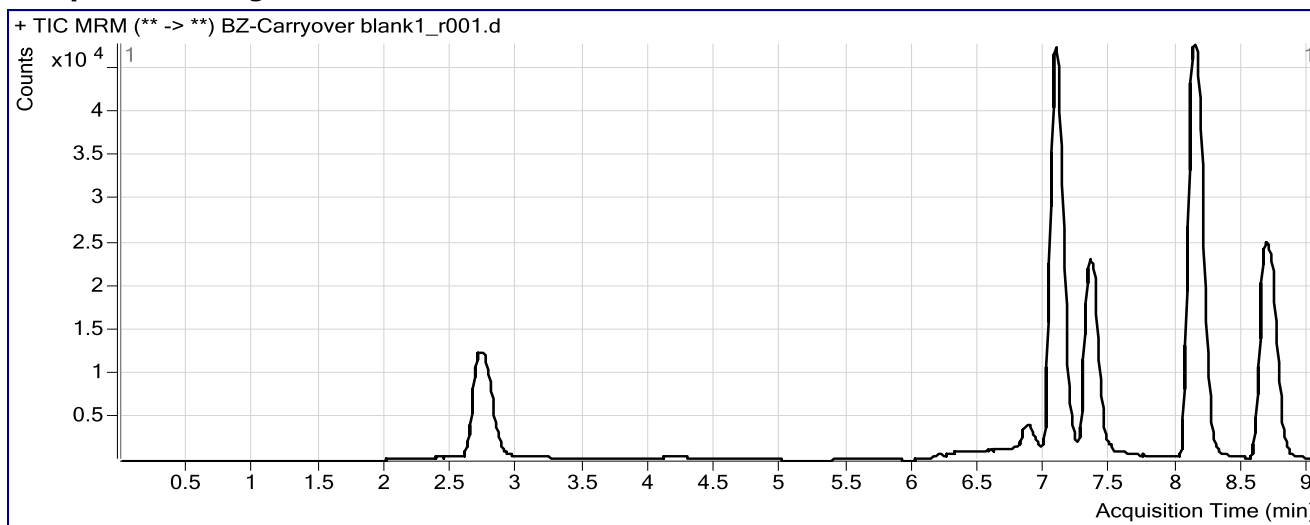
## Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin  
**Analysis Time** 1/3/2017 3:25 PM **Analyst Name** ISPUser  
**Report Time** 1/4/2017 8:03 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/3/2017 3:25 PM **Batch State** Processed

## Analysis Info

**Acq Time** 2016-12-22 15:12 **Data File** BZ-Carryover blank1\_r001.d  
**Sample Type** Blank **Sample Name** Blank  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_10042016.m  
**Position** P1-A1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

## Sample Chromatogram



# ISP FORENSICS

## Pocatello

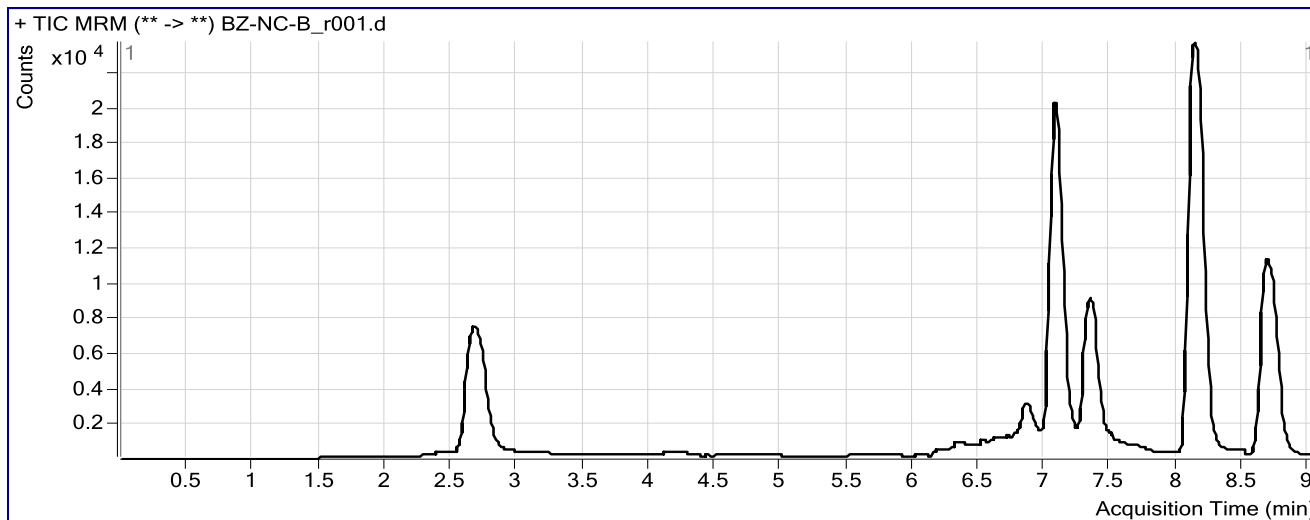
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin  
**Analysis Time** 1/3/2017 3:25 PM **Analyst Name** ISPUser  
**Report Time** 1/4/2017 8:03 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/3/2017 3:25 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2016-12-22 15:28 **Data File** BZ-NC-B\_r001.d  
**Sample Type** Sample **Sample Name** Negative Blood Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_10042016.m  
**Position** P1-F9 **Sample Info** UTAK Negative Whole Blood LOT B1013  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



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# ISP FORENSICS

## Pocatello

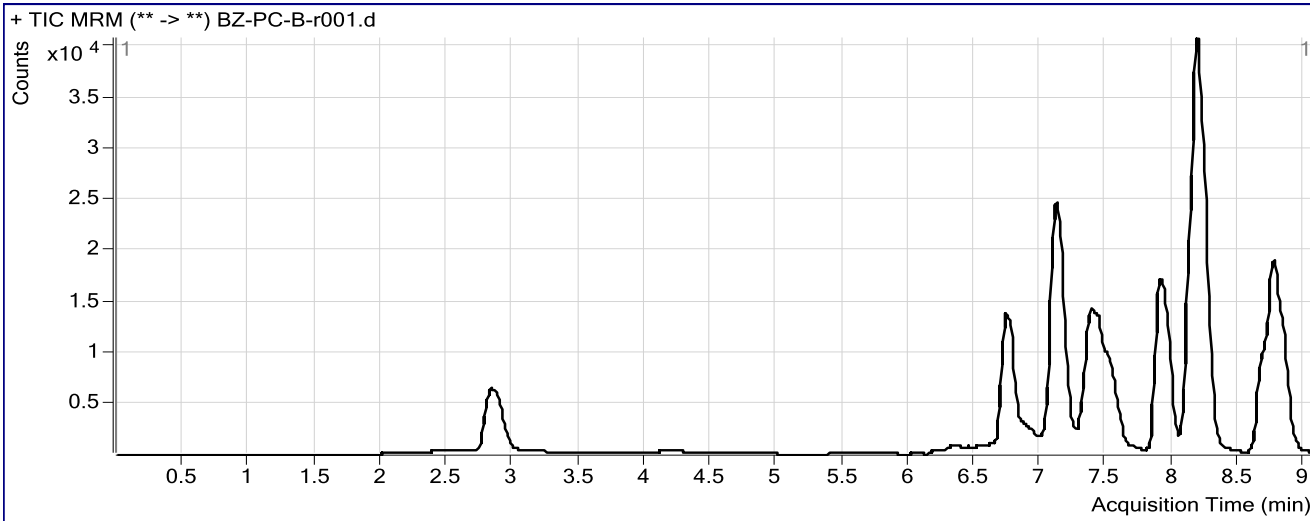
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\122216 BENZ CS\QuantResults\122216 BENZ CS.batch.bin  
**Analysis Time** 1/3/2017 3:25 PM **Analyst Name** ISPUser  
**Report Time** 1/4/2017 8:04 AM **Reporter Name** ISPUser  
**Last Calib Update** 1/3/2017 3:25 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2016-12-22 18:19 **Data File** BZ-PC-B-r001.d  
**Sample Type** Sample **Sample Name** Positive Blood Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_10042016.m  
**Position** P1-F8 **Sample Info** Benzodiazepines Mix Cerilliant lot FE012413-02 in UTAK LOT B1013  
**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	6.732	48875	30997	1.5768	98.7685
Oxazepam	Nordiazepam-D5 ISTD	7.128	39466	29415	1.3417	63.4480
Clonazepam	Clonazepam-D4 ISTD	7.385	29081	30997	0.9382	92.3218
Lorazepam	Nordiazepam-D5 ISTD	7.450	6997	29415	0.2379	60.9398
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.530	20358	4757	4.2791	147.7911
Flunitrazepam	Clonazepam-D4 ISTD	7.893	79591	30997	2.5677	121.4079
Temazepam	Temazepam-D5 ISTD	8.181	147720	111467	1.3252	101.0714
Diazepam	Diazepam-D5 ISTD	8.775	76640	47601	1.6100	89.5086