








Worklist: 989

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
P2015-2475	1	50259	6.1.1 Blood LCMS-QQQ Benzoc	
P2015-2476	1	50260	6.1.1 Blood LCMS-QQQ Benzoc	
P2015-2479	1	50261	6.1.1 Blood LCMS-QQQ Benzoc	
P2015-2486	1	50262	6.1.1 Blood LCMS-QQQ Benzoc	
P2015-2533	1	50263	6.1.1 Blood LCMS-QQQ Benzoc	
P2015-2569	1	50264	6.1.1 Blood LCMS-QQQ Benzoc	

reviewed 2/4/16 

Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS Combined 020316.wkl
Date Modified:	02/03/2016 01:10:32 PM
Date Printed:	02/03/2016 01:11:24 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\1-28-16 test
Pre-Worklist Script:	---
Post-Worklist Script:	SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
Acquisition Clean Up Script:	SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
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.
P2-A1	Blank	isp blood cannabinoids Poky 2016.m	Blank1-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A1	Blank	isp blood cannabinoids Poky 2016.m	Blank2-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A2	Blood: 1_5 ngmL	isp blood cannabinoids Poky 2016.m	B_CAL1-r001.d	Calibration	1	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @5ng/mL, all others @1 ng/mL
P2-A3	Blood: 2_10 ngmL	isp blood cannabinoids Poky 2016.m	B_CAL2_r001.d	Calibration	2	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @10ng/mL, all others @2 ng/mL
P2-A4	Blood: 5_25 ngmL	isp blood cannabinoids Poky 2016.m	B_CAL3_r001.d	Calibration	3	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @25ng/mL, all others @5 ng/mL
P2-A5	Blood: 10_50 ngmL	isp blood cannabinoids Poky 2016.m	B_CAL4_r001.d	Calibration	4	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @50ng/mL, all others @10 ng/mL
P2-A6	Blood: 25_125 ngmL	isp blood cannabinoids Poky 2016.m	B_CAL5_r001.d	Calibration	5	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @125ng/mL, all

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 
							others @25 ng/mL
P2-A□	Blood: 50_250 ngmL	isp blood cannabinoids Poky 2016.m	B_CAL6_r001.d	Calibration	6	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @250ng/mL, all others @50 ng/mL
P2-A□	Blood: 100_500 ngmL	isp blood cannabinoids Poky 2016.m	B_CAL□_r001.d	Calibration	□	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @500ng/mL, all others @100 ng/mL
P2-A1	Blank	isp blood cannabinoids Poky 2016.m	Carryover blank1_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A□	Blood Negative Control	isp blood cannabinoids Poky 2016.m	B-NC-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Negative Blood UTA□ Lot B06□□
P2-B1	Blood 3_15ngmL	isp blood cannabinoids Poky 2016.m	B-3_15-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	c-THC @15ng/mL, all others @3 ng/mL
P2-A□	Blank M2015-4001-1	isp blood cannabinoids Poky 2016.m	M2015-4001-1_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B2	M2015-4001-1	isp blood cannabinoids Poky 2016.m	M2015-4001-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A□	Blank M2015-4062-1	isp blood cannabinoids Poky 2016.m	M2015-4062-1_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B3	M2015-4062-1	isp blood cannabinoids Poky 2016.m	M2015-4062-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A□	Blank M2015-40□6-2	isp blood cannabinoids Poky 2016.m	M2015-40□6-2_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B4	M2015-40□6-2	isp blood cannabinoids Poky 2016.m	M2015-40□6-2-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A□	Blank M2015-4101-1	isp blood cannabinoids Poky 2016.m	M2015-4101-1_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B5	M2015-4101-1	isp blood cannabinoids Poky 2016.m	M2015-4101-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A□	Blank P2015-24□6-1	isp blood cannabinoids Poky 2016.m	P2015-24□6-1_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B6	P2015-24□6-1	isp blood cannabinoids Poky 2016.m	P2015-24□6-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A□	Blank P2015-24□□-1	isp blood cannabinoids Poky 2016.m	P2015-24□□-1_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B□	P2015-24□□-1	isp blood cannabinoids Poky 2016.m	P2015-24□□-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A□	Blank P2015-2533-1	isp blood cannabinoids Poky 2016.m	P2015-2533-1_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B□	P2015-2533-1	isp blood cannabinoids Poky 2016.m	P2015-2533-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A□		isp blood cannabinoids Poky 2016.m		Blank			

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 
	Blank P2015-253□-1		P2015-253□-1_BL□_r001.d			AM 6.1.2 Cannabinoids by LCQQQ	
P2-B□	P2015-253□-1	isp blood cannabinoids Poky 2016.m	P2015-253□-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A□	Blank P2015-2544-1	isp blood cannabinoids Poky 2016.m	P2015-2544-1_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C1	P2015-2544-1	isp blood cannabinoids Poky 2016.m	P2015-2544-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A□	Blank P2015-255□-1	isp blood cannabinoids Poky 2016.m	P2015-255□-1_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C2	P2015-255□-1	isp blood cannabinoids Poky 2016.m	P2015-255□-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A1	Blank	isp blood cannabinoids Poky 2016.m	cann-Carryover blank2_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C3	Blood 25_125ngmL	isp blood cannabinoids Poky 2016.m	cann-B-25_125-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	c-THC @125ng/mL, all others @25 ng/mL
P2-A□	Blank P2015-2564-1	isp blood cannabinoids Poky 2016.m	P2015-2564-1_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C4	P2015-2564-1	isp blood cannabinoids Poky 2016.m	P2015-2564-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A□	Blank P2015-256□-1	isp blood cannabinoids Poky 2016.m	P2015-256□-1_BL□_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C5	P2015-256□-1	isp blood cannabinoids Poky 2016.m	P2015-256□-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A1	Blank	isp blood cannabinoids Poky 2016.m	Blank3-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P1-F□	Blank	Ben□os_□_Drugs_ACN_FA_ISP_2015.m	B□-Blank1-r001.d	Blank		AM 6.1.1 Ben□o and □ by LCQQQ	
P1-F□	Blank	Ben□os_□_Drugs_ACN_FA_ISP_2015.m	B□-Blank2-r001.d	Blank		AM 6.1.1 Ben□o and □ by LCQQQ	
P1-F□	5 ngmL	Ben□os_□_Drugs_ACN_FA_ISP_2015.m	B□-5 ngmL-r001.d	Calibration	1	AM 6.1.1 Ben□o and □ by LCQQQ	
P1-F□	10 ngmL	Ben□os_□_Drugs_ACN_FA_ISP_2015.m	B□-10 ngmL-r001.d	Calibration	2	AM 6.1.1 Ben□o and □ by LCQQQ	
P1-F6	25 ngmL	Ben□os_□_Drugs_ACN_FA_ISP_2015.m	B□-25 ngmL_r001.d	Calibration	3	AM 6.1.1 Ben□o and □ by LCQQQ	
P1-F5	50 ngmL	Ben□os_□_Drugs_ACN_FA_ISP_2015.m	B□-50 ngmL_r001.d	Calibration	4	AM 6.1.1 Ben□o and □ by LCQQQ	
P1-F4	100 ngmL	Ben□os_□_Drugs_ACN_FA_ISP_2015.m	B□-100 ngmL_r001.d	Calibration	5	AM 6.1.1 Ben□o and □ by LCQQQ	
P1-F3	500 ngmL	Ben□os_□_Drugs_ACN_FA_ISP_2015.m	B□-500 ngmL_r001.d	Calibration	6		

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 9
						AM 6.1.1 Ben _o and _o by LCQQQ	
P1-F2	1000 ngmL	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -1000 ngmL_r001.d	Calibration	0	AM 6.1.1 Ben _o and _o by LCQQQ	
P1-F1	3000 ngmL	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -3000 ngmL_r001.d	Calibration	0	AM 6.1.1 Ben _o and _o by LCQQQ	
P1-F0	Blank	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -Carryover blank1_r001.d	Blank		AM 6.1.1 Ben _o and _o by LCQQQ	
P1-E0	Negative Blood Control	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -NC-B_r001.d	Sample		AM 6.1.1 Ben _o and _o by LCQQQ	UTA _o Negative Whole Blood LOT B06 _o
P1-E0	Positive Blood Control	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -PC-B-r001.d	Sample		AM 6.1.1 Ben _o and _o by LCQQQ	200 ng/mL Ben _{odia} _o epines Mix Cerilliant lot FE012413-02 in neg LOT B0130
P1-E0	Blank - P2015-2405-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -Carryover blank-P2015-2405-1_r001.d	Blank		AM 6.1.1 Ben _o and _o by LCQQQ	
P1-E0	P2015-2405-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -P2015-2405-1-r001.d	Sample		AM 6.1.1 Ben _o and _o by LCQQQ	Blood
P1-E0	Blank - P2015-2406-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -Carryover blank-P2015-2406-1_r001.d	Blank		AM 6.1.1 Ben _o and _o by LCQQQ	
P1-E6	P2015-2406-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -P2015-2406-1-r001.d	Sample		AM 6.1.1 Ben _o and _o by LCQQQ	Blood
P1-E0	Blank - P2015-2400-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -Carryover blank-P2015-2400-1_r001.d	Blank		AM 6.1.1 Ben _o and _o by LCQQQ	
P1-E5	P2015-2400-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -P2015-2400-1-r001.d	Sample		AM 6.1.1 Ben _o and _o by LCQQQ	Blood
P1-E0	Blank - P2015-2406-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -Carryover blank-P2015-2406-1_r001.d	Blank		AM 6.1.1 Ben _o and _o by LCQQQ	
P1-E4	P2015-2406-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -P2015-2406-1-r001.d	Sample		AM 6.1.1 Ben _o and _o by LCQQQ	Blood
P1-E0	Blank - P2015-2533-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -Carryover blank-P2015-2533-1_r001.d	Blank		AM 6.1.1 Ben _o and _o by LCQQQ	
P1-E3	P2015-2533-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -P2015-2533-1-r001.d	Sample		AM 6.1.1 Ben _o and _o by LCQQQ	Blood
P1-E0	Blank - P2015-2560-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -Carryover blank-P2015-2560-1_r001.d	Blank		AM 6.1.1 Ben _o and _o by LCQQQ	
P1-E2	P2015-2560-1	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -P2015-2560-1-r001.d	Sample		AM 6.1.1 Ben _o and _o by LCQQQ	Blood
P1-F0	Blank	Ben _{os} _0_Drugs_ACN_FA_ISP_2015.m	B _o -Carryover blank3_r001.d	Blank		AM 6.1.1 Ben _o and _o by LCQQQ	

ISP FORENSICS

Pocatello

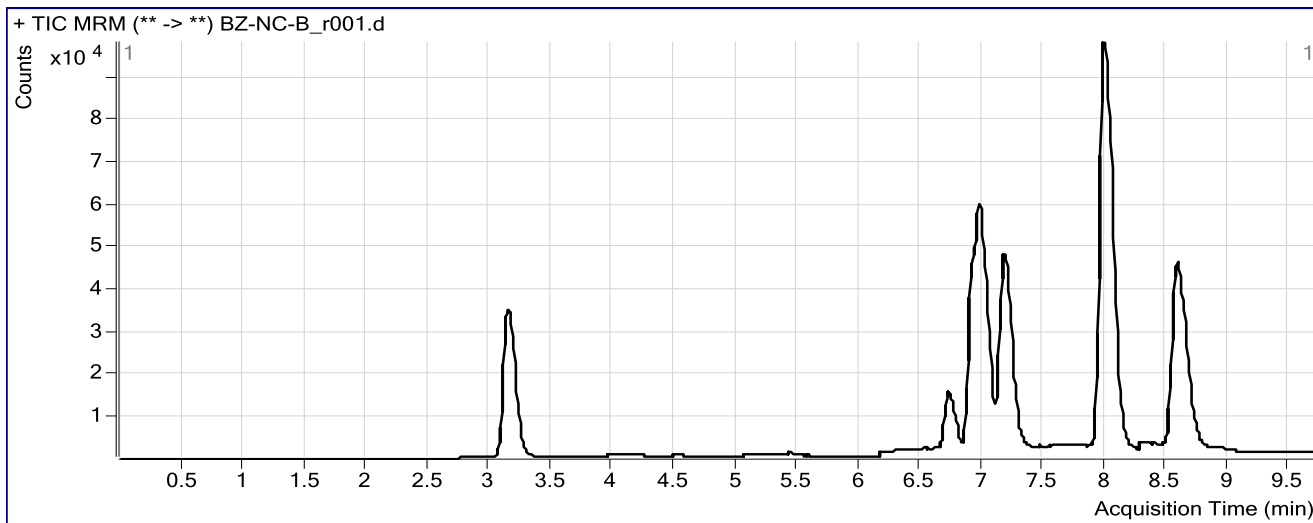
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin
Analysis Time 2/4/2016 9:23 AM **Analyst Name** ISPUser
Report Time 2/4/2016 9:25 AM **Reporter Name** ISPUser
Last Calib Update 2/4/2016 9:22 AM **Batch State** Processed

Analysis Info

Acq Time 2016-02-04 00:45 **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_2015.m
Position P1-E9 **Sample Info** UTAK Negative Whole Blood LOT B0689
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
quetiapine	Temazepam-D5 ISTD	5.464	2012	635027	0.0032	0.0000

ISP FORENSICS

Pocatello

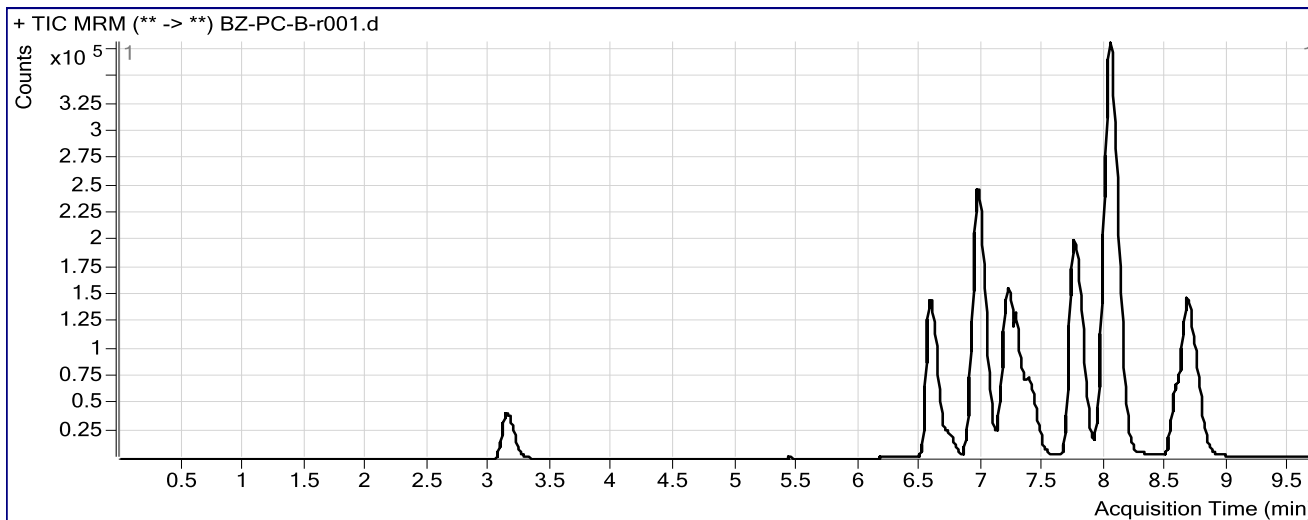
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin
Analysis Time 2/4/2016 9:23 AM **Analyst Name** ISPUser
Report Time 2/4/2016 9:25 AM **Reporter Name** ISPUser
Last Calib Update 2/4/2016 9:22 AM **Batch State** Processed

Analysis Info

Acq Time 2016-02-04 01:01 **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_2015.m
Position P1-E8 **Sample Info** 200 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT B0
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
quetiapine	Temazepam-D5 ISTD	5.464	1521	880700	0.0017	0.0000
Nitrazepam	Clonazepam-D4 ISTD	6.573	670033	332674	2.0141	159.7306
Oxazepam	Nordiazepam-D5 ISTD	6.959	696849	175538	3.9698	194.1437
Nordiazepam	Nordiazepam-D5 ISTD	6.944	2834	175538	0.0161	1.7032
Clonazepam	Clonazepam-D4 ISTD	7.209	500778	332674	1.5053	190.1821
Lorazepam	Nordiazepam-D5 ISTD	7.284	99529	175538	0.5670	171.7656
Alprazolam	alphanhydroxalprazolam-D5 ISTD	7.388	256468	68885	3.7231	209.7961
Flunitrazepam	Clonazepam-D4 ISTD	7.740	1032947	332674	3.1050	187.3701
Temazepam	Temazepam-D5 ISTD	8.037	1628014	880700	1.8485	197.7393
Diazepam	Diazepam-D5 ISTD	8.674	660577	280885	2.3518	206.8340

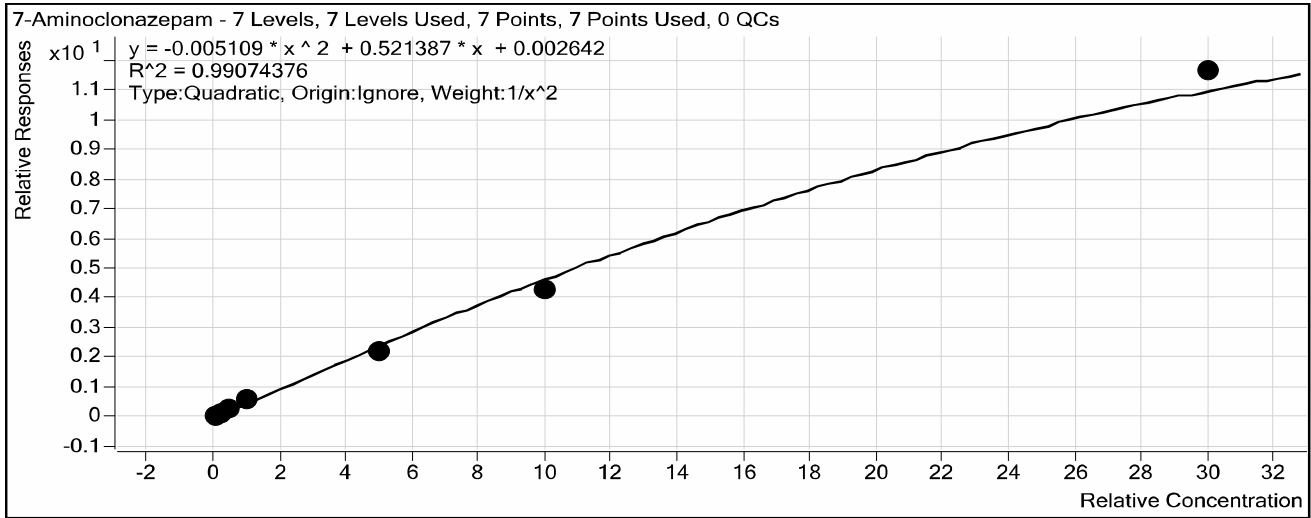
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

Analyst Name ISP TOX

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



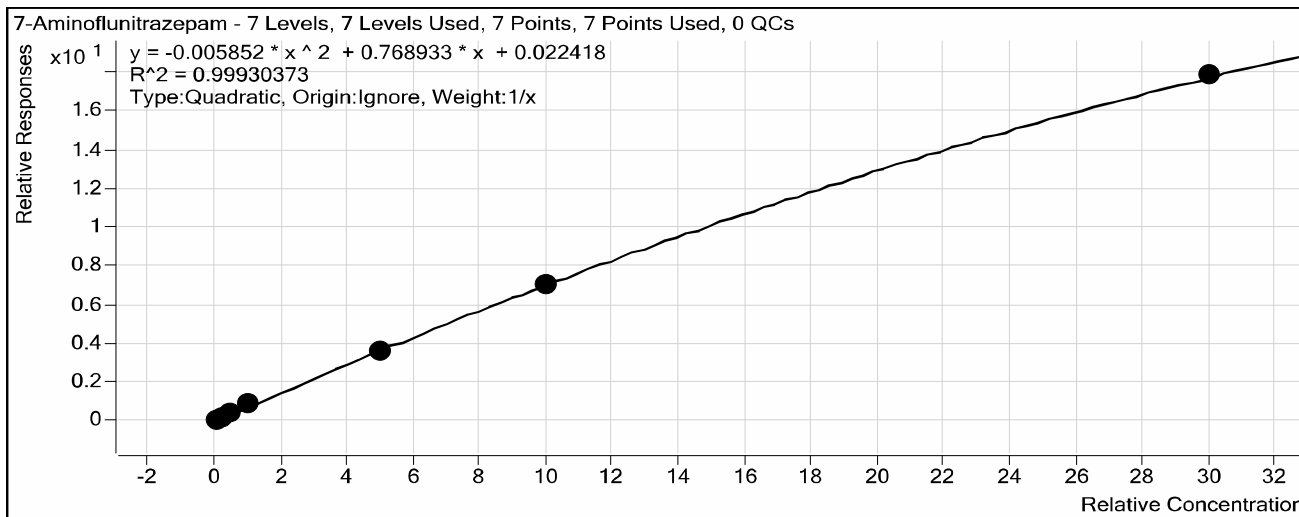
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10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.8	98.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.4	97.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	55.3	110.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.4	107.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	444.0	88.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	907.5	90.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3298.4	109.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 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	2	<input checked="" type="checkbox"/>	10	8.2	81.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.0	100.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	55.6	111.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	109.6	109.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	488.5	97.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	992.9	99.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3006.2	100.2

ISP Forensics Calibration Curve Report

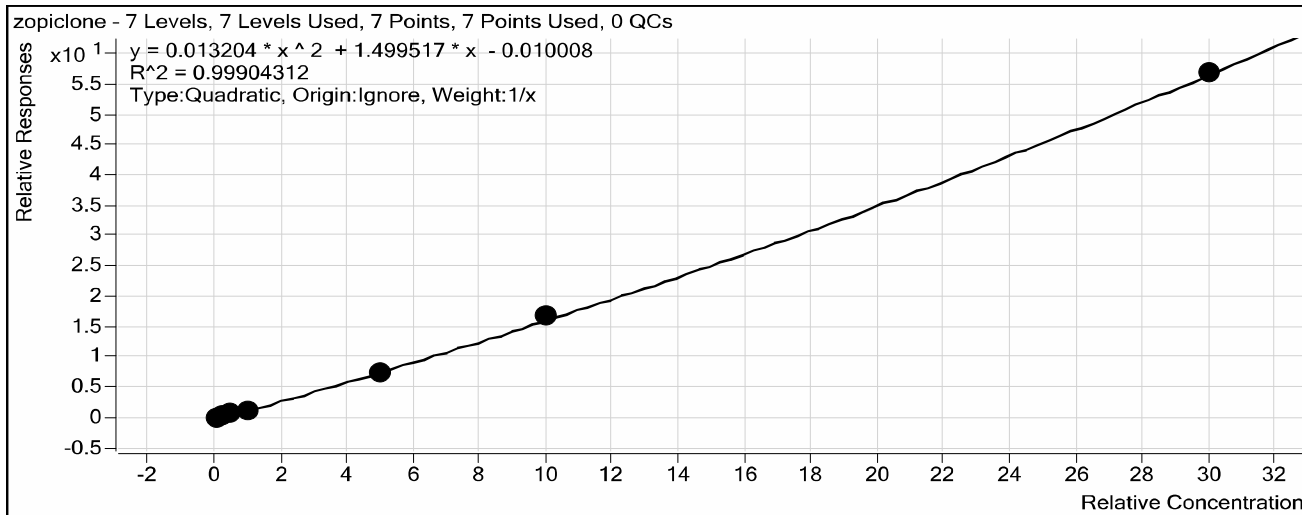
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Last Calib Update 2/4/2016 9:22 AM

Analyst Name ISP TOX

Target Compound zopiclone

Internal Standard Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.7	106.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	27.1	108.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.9	103.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	81.0	81.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	486.1	97.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1033.9	103.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2993.3	99.8

ISP Forensics Calibration Curve Report

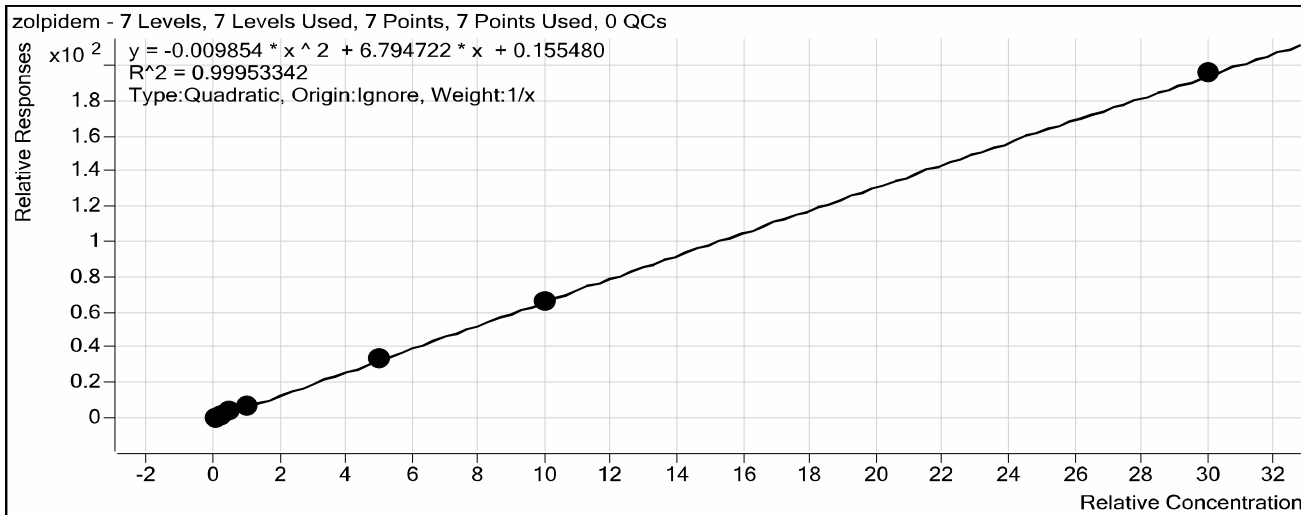
Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

Analyst Name ISP TOX

Target Compound zolpidem

Internal Standard Nordiazepam-D5 ISTD



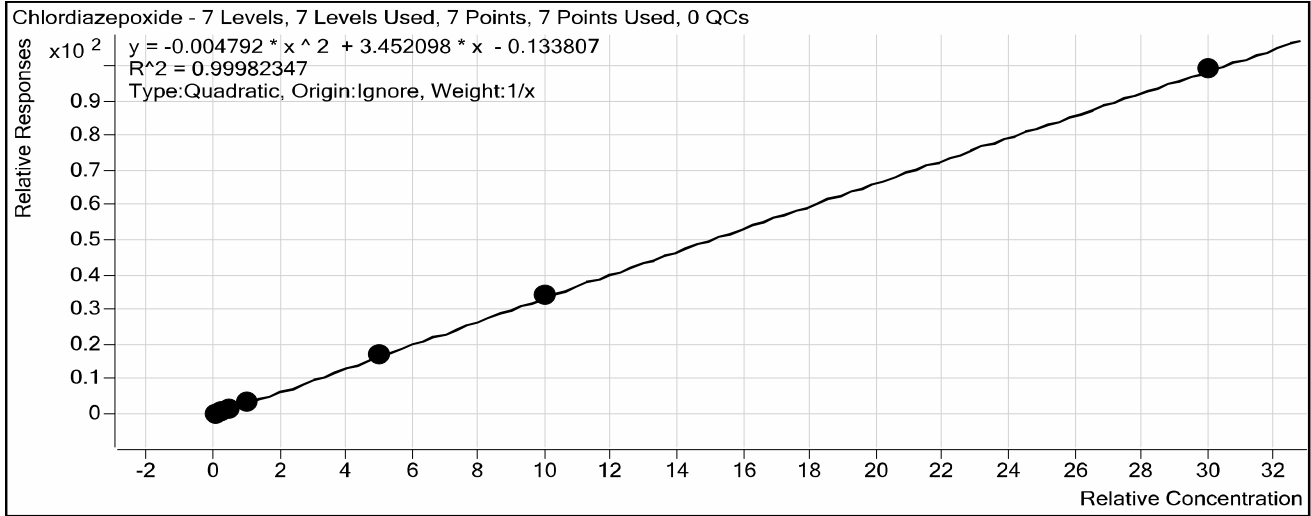
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	8.1	80.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.5	101.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	56.1	112.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.8	107.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	491.8	98.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.8	99.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3004.0	100.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM **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	11.0	109.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.2	96.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.3	98.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	94.8	94.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	493.7	98.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1016.4	101.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2995.5	99.9

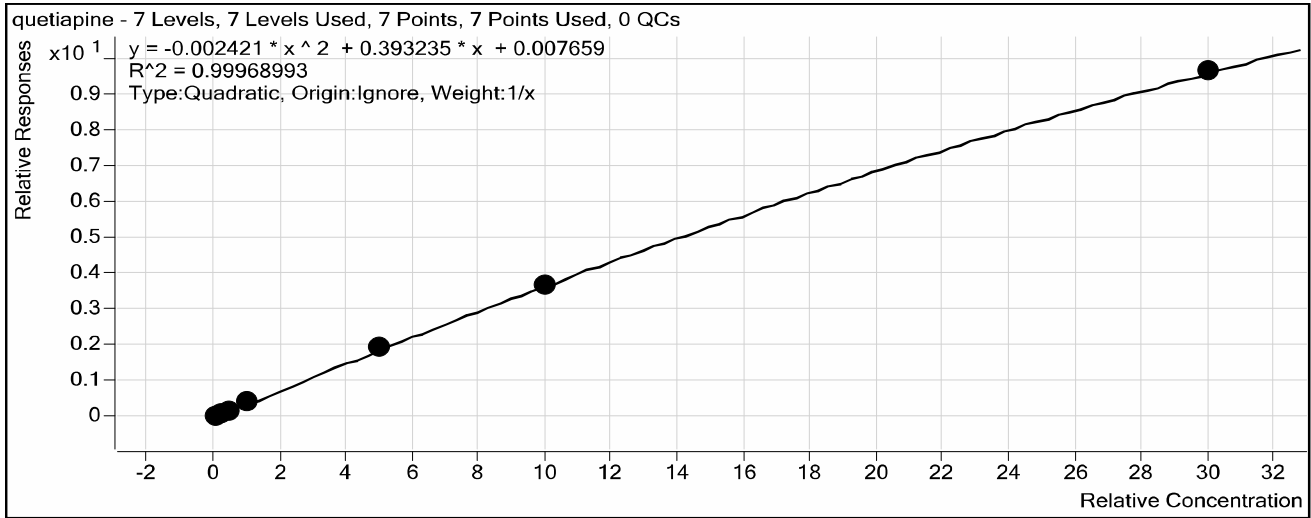
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

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	11.7	117.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.0	88.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.2	92.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.3	101.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	505.3	101.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	999.3	99.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.1	100.0

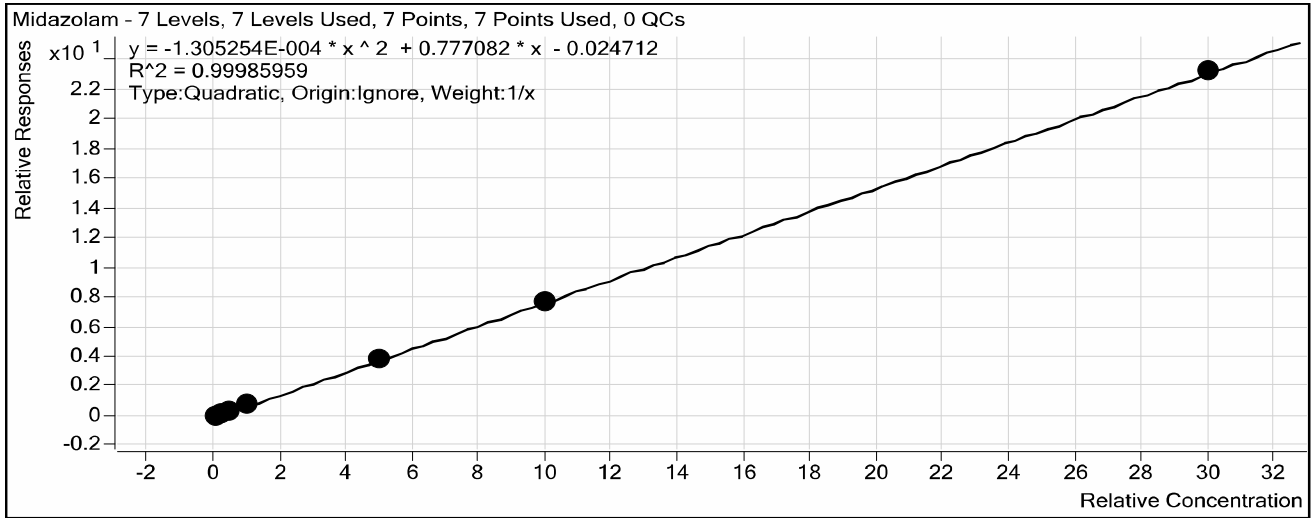
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

Analyst Name ISP TOX

Target Compound Midazolam
Internal Standard Clonazepam-D4 ISTD



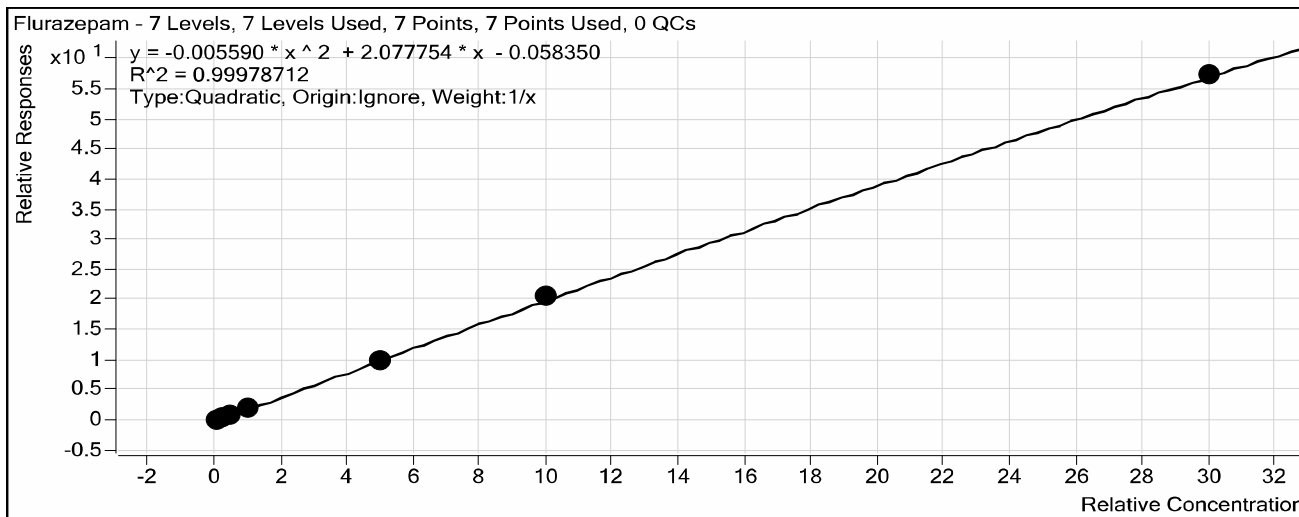
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.7	107.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.4	93.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.3	94.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.7	103.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	507.0	101.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.1	99.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3001.8	100.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM **Analyst Name** ISP TOX

Target Compound Flurazepam
Internal Standard Diazepam-D5 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	23.2	92.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.1	92.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.6	101.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	494.5	98.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1011.5	101.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2996.8	99.9

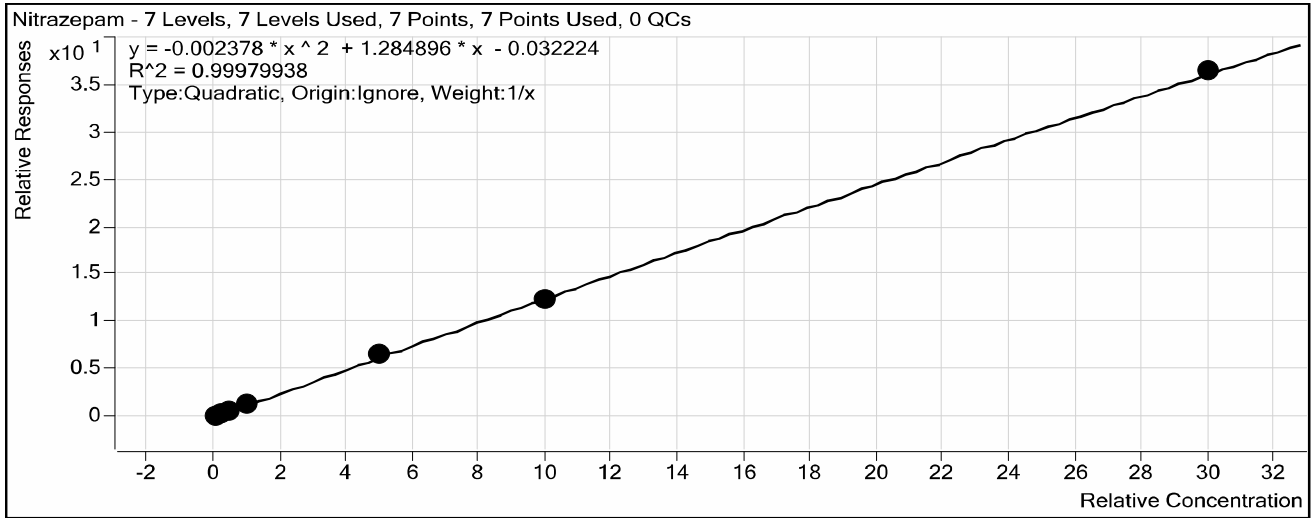
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

Analyst Name ISP TOX

Target Compound Nitrazepam
Internal Standard Clonazepam-D4 ISTD



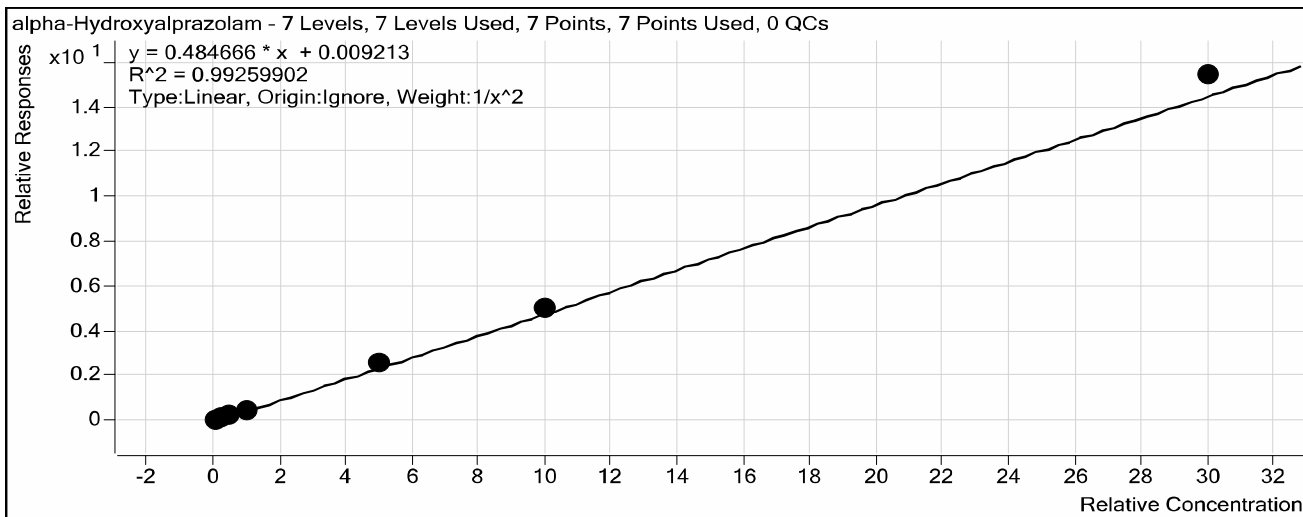
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.8	98.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.6	98.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.4	98.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.7	103.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	512.4	102.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	980.4	98.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3004.7	100.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM **Analyst Name** ISP TOX

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



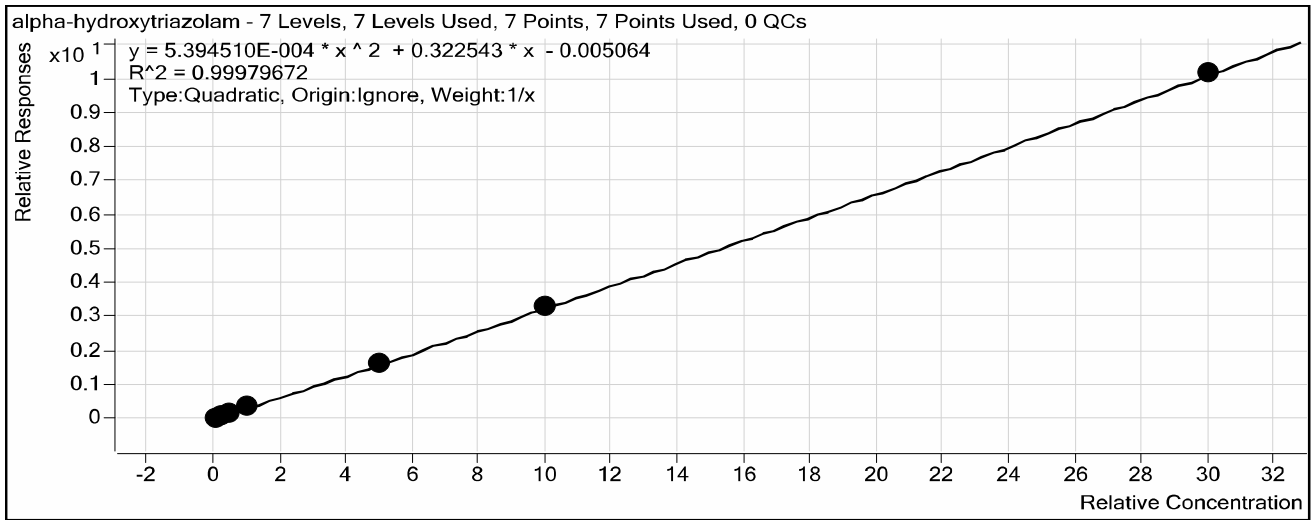
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.5	105.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.0	87.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.3	100.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	91.3	91.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	533.6	106.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1023.7	102.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3173.8	105.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 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	2	<input checked="" type="checkbox"/>	10	10.1	101.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.9	95.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.7	97.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.4	107.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	488.3	97.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1007.2	100.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.4	100.0

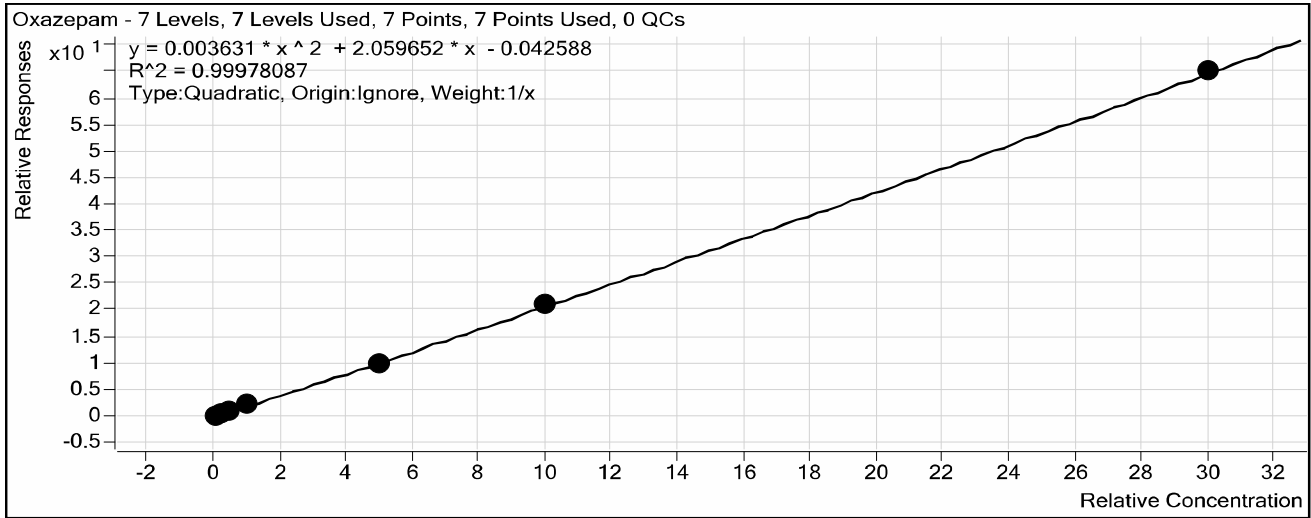
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

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	9.6	95.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.4	102.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	106.1	106.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	484.7	96.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1009.7	101.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.1	100.0

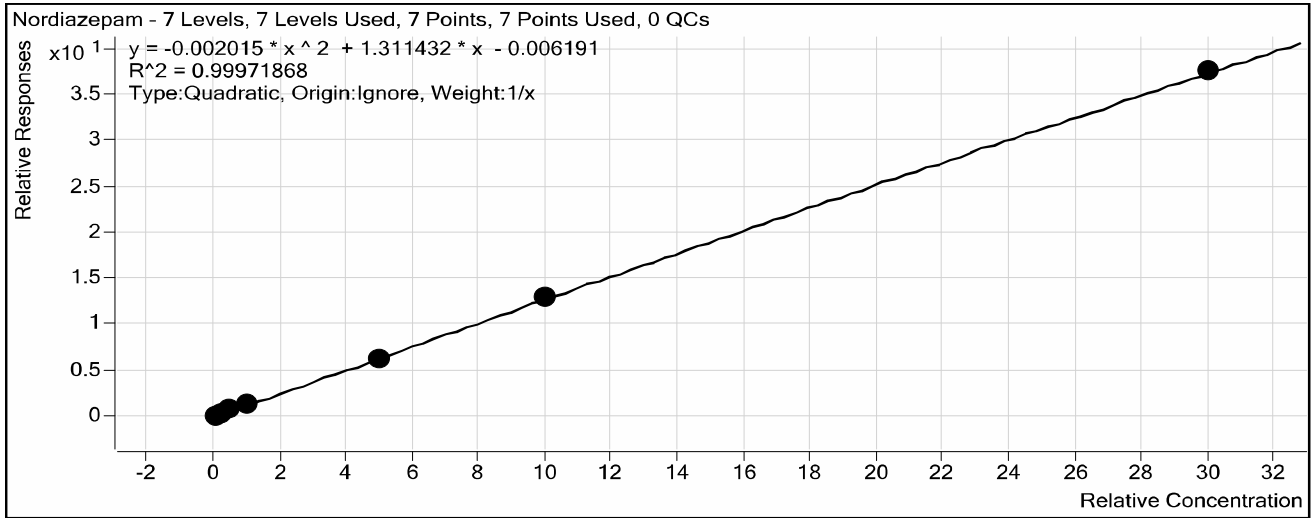
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

Analyst Name ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5 ISTD



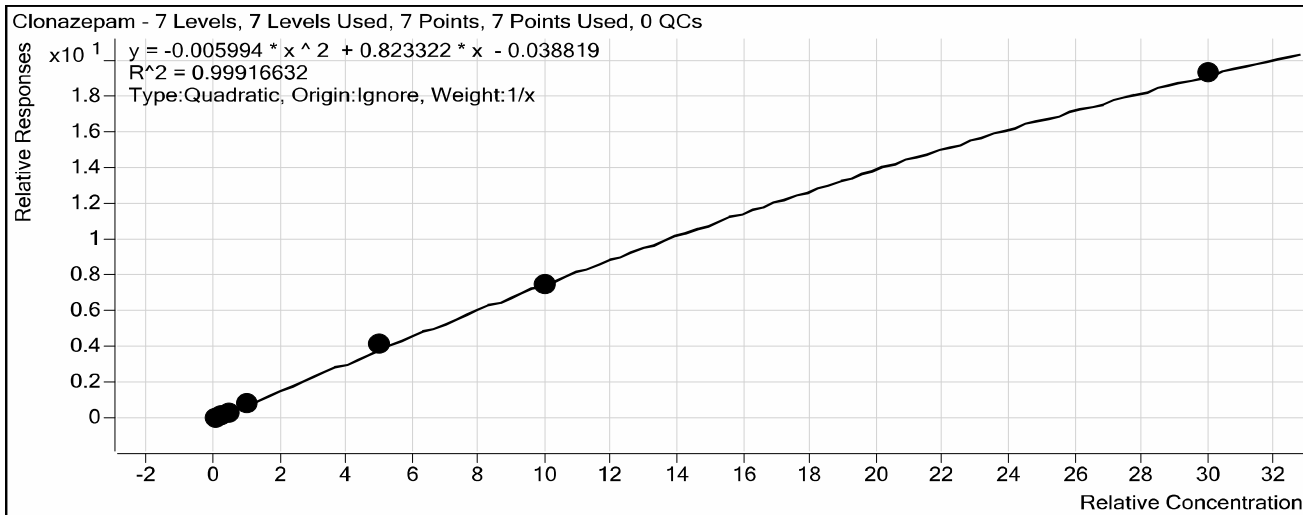
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.4	93.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.8	95.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	54.4	108.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	104.5	104.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	485.6	97.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1007.6	100.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.7	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM **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	11.3	112.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.6	90.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.3	88.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	106.7	106.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	519.2	103.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	974.5	97.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3007.5	100.2

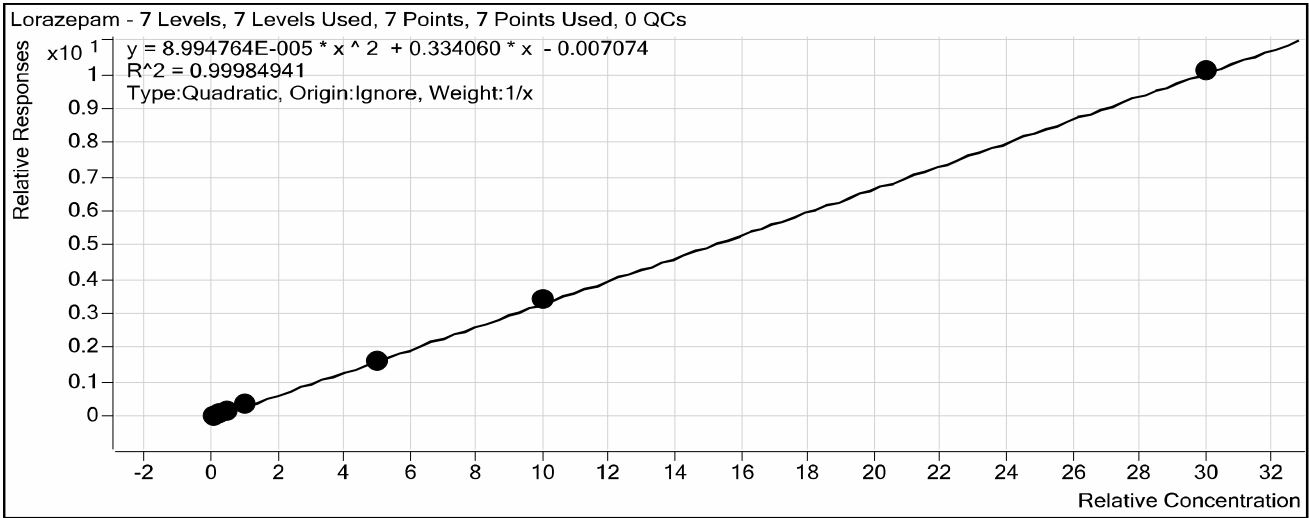
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

Analyst Name ISP TOX

Target Compound Lorazepam
Internal Standard Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.7	106.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.9	91.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.8	101.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	100.8	100.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	488.9	97.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1013.5	101.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2997.3	99.9

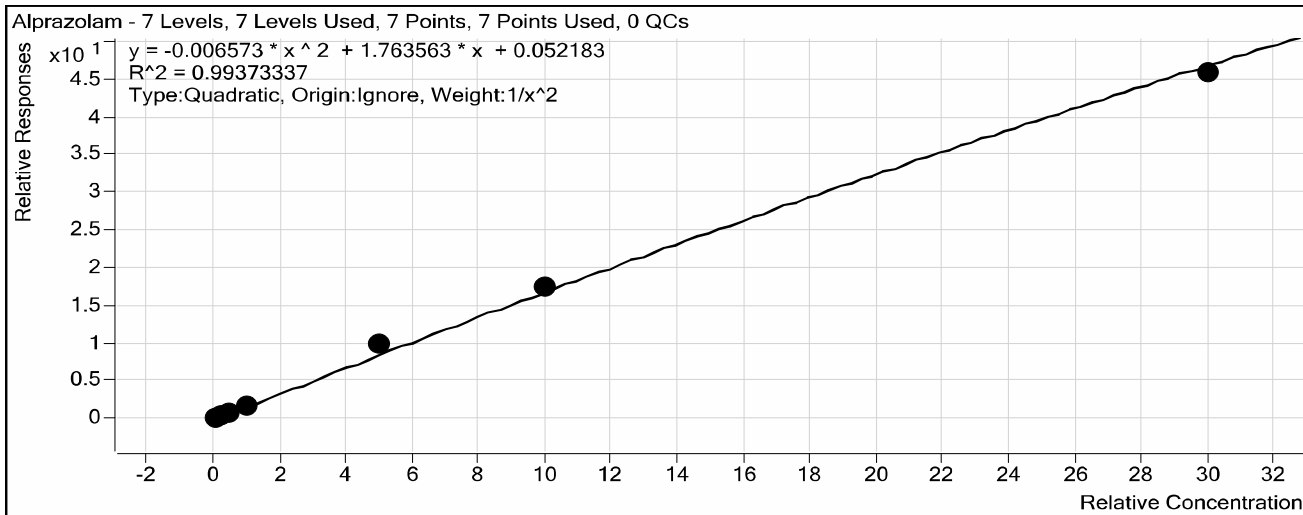
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

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	10.3	102.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.2	96.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.0	94.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	93.9	93.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	566.8	113.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1022.0	102.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2904.0	96.8

ISP Forensics Calibration Curve Report

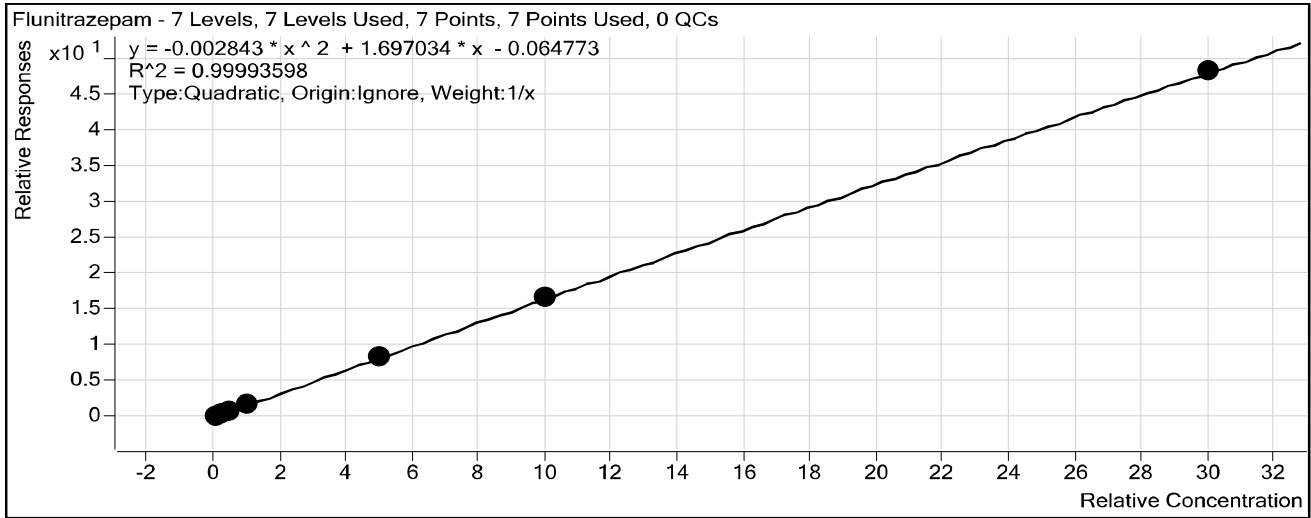
Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

Analyst Name ISP TOX

Target Compound Flunitrazepam

Internal Standard Clonazepam-D4 ISTD



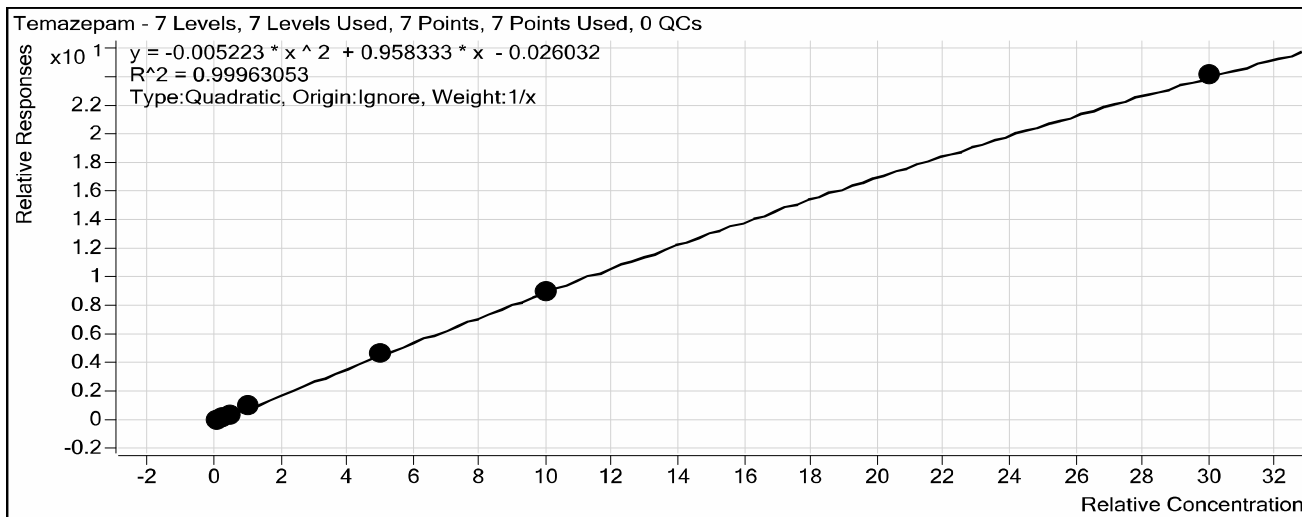
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.8	107.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.5	94.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.3	96.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.4	101.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	497.4	99.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1004.8	100.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2998.7	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM **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	11.0	110.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.4	89.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.5	93.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.9	107.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	495.6	99.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1001.5	100.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3000.1	100.0

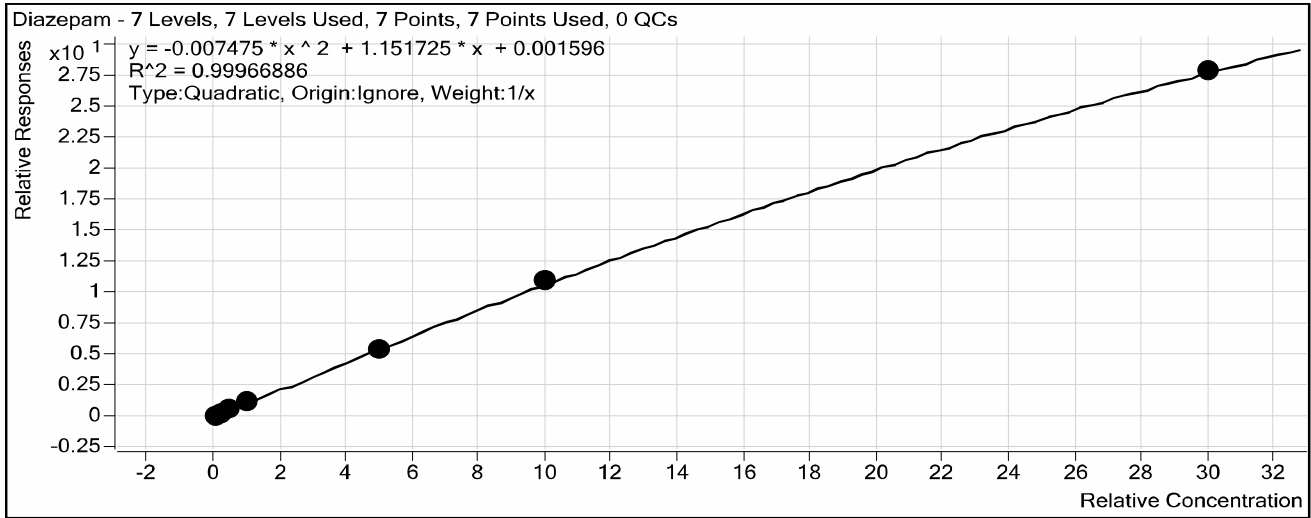
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\020316 combined\QuantResults\020416 Benzos.batch.bin

Last Calib Update 2/4/2016 9:22 AM

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	9.7	96.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	96.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	52.6	105.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	104.1	104.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	482.3	96.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1015.0	101.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2997.1	99.9