









REVIEWED

By Anne Nord at 4:18 pm, Sep 14, 2020

9/11/2020

BW

Worklist: 4511

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2020-1581	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 2 by LC-QQ	
C2020-1650	1	BCK	AM 28 Blood Multi-Drug Quant Panel 2 by LC-QQQ	
C2020-1691	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 2 by LC-QQ	
C2020-1725	1	BCK	AM 28 Blood Multi-Drug Quant Panel 2 by LC-QQQ	
C2020-1728	1	BCK	AM 28 Blood Multi-Drug Quant Panel 2 by LC-QQQ	
C2020-1774	1	BCK	AM 28 Blood Multi-Drug Quant Panel 2 by LC-QQQ	
C2020-1800	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 2 by LC-QQ	
C2020-1801	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 2 by LC-QQ	

AM# 28: Multi-Drug Quantitation by LC-MS/MSExtraction Date 9/11/2020Analyst: Britany WyliePlate lot#: 200514Plate Expiration: 11/13/2020**Mobile phase A:** 5mM Amm Form + 0.01% FA
0.5M Ammonium Hydroxide**Mobile phase B:** 0.01% Formic Acid in MeOH
Ethyl Acetate 20% Methanol in Water**Blank Blood Lot:** 20G20792**Urine Blank lot:** 73020**Column:** Agilent 120 EC-C18 (2.1x 100-2.7um)**LCMS-QQQ ID:** 69679**Pre-Analytic:**

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.
- 3. Create worklist

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 1926134** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add **900uL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: vial with sample blank did not have internal standard response. Original injection on 9/11/20 will not be evaluated. Plate was reinjected using new blank and new mobile phases on 9/12/20.

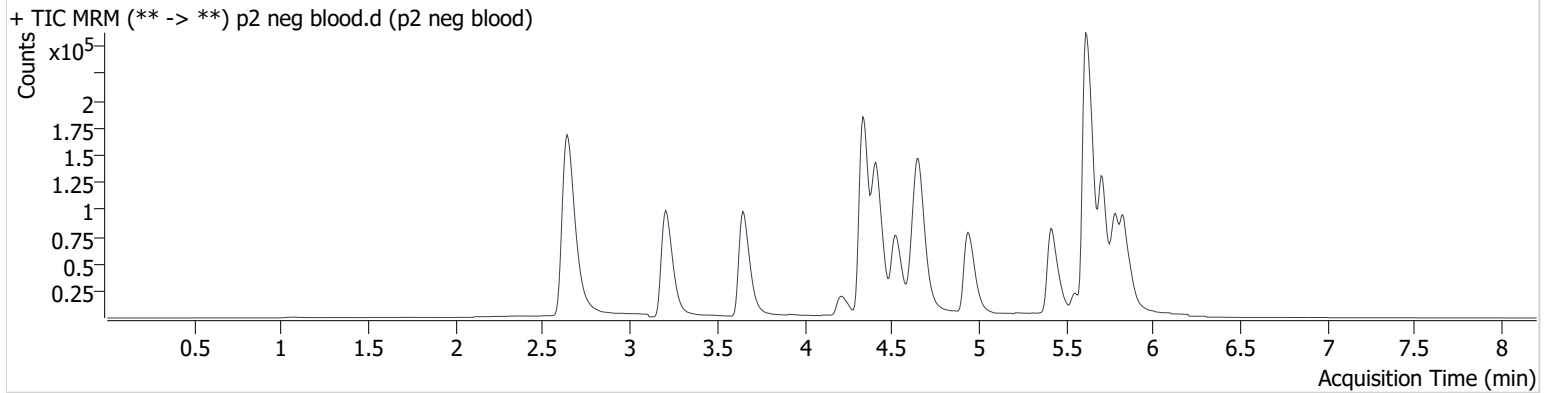
Batch evaluated for (Curve limitation): Clonazepam (5-500), Flualprazolam (5-250), Levamisole (5-500), Midazolam and Pseudoephedrine Only.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 neg blood.d
Type	Sample	Sample	p2 neg blood
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-E6	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/13/2020 1:05:50 AM		
Sample Info.			

Sample Chromatogram



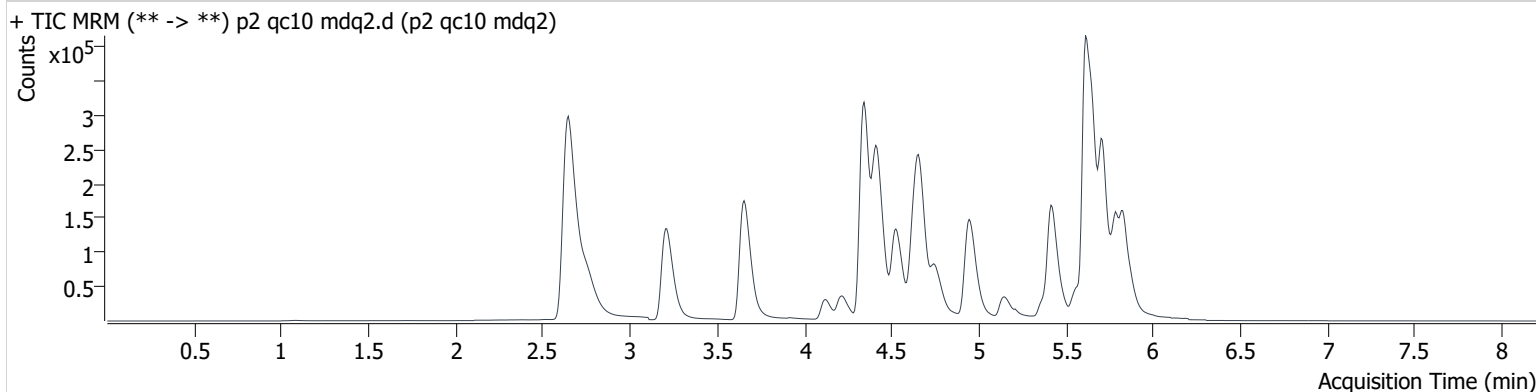
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 qc10 mdq2.d
Type	QC	Sample	p2 qc10 mdq2
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-A6	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/13/2020 12:11:47 AM		

Sample Info.

Sample Chromatogram



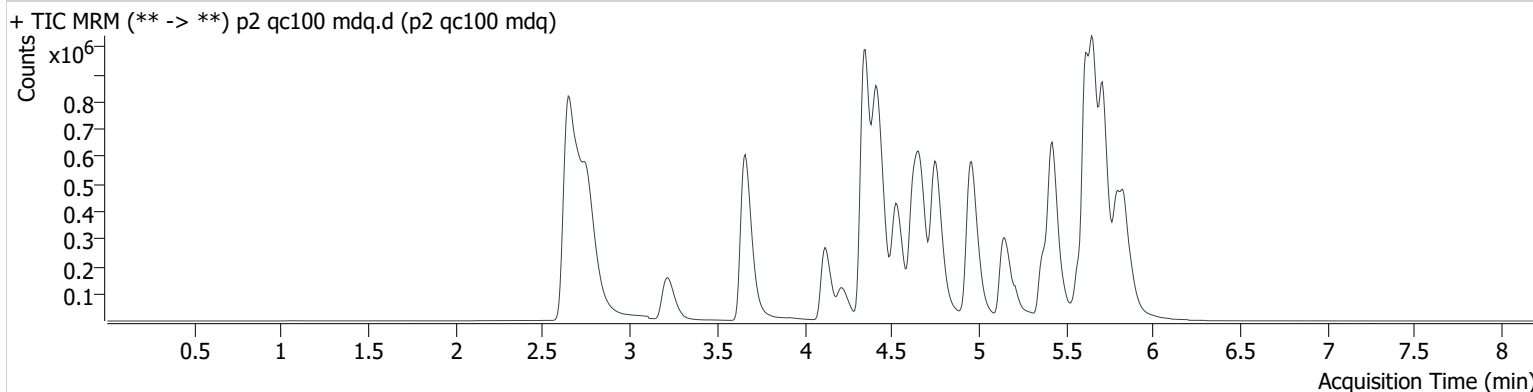
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazepam	5.576	50936	7863.1	32.4	2839.6	35523	10.959 ng/ml
Flualprazolam	5.714	24785	518.3	118.0	694.9	211280	10.401 ng/ml
Levamisole	2.768	115590	260.6	84.3	291.5	1252597	10.766 ng/ml
Midazolam	5.782	17669	1633.6	91.7	11462.3	211280	10.160 ng/ml
Pseudoephedrine	2.655	275129	2377.5	30.9	1702.0	1252597	10.213 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 qc100 mdq.d
Type	QC	Sample	p2 qc100 mdq
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-B6	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/13/2020 12:22:37 AM		
Sample Info.			

Sample Chromatogram



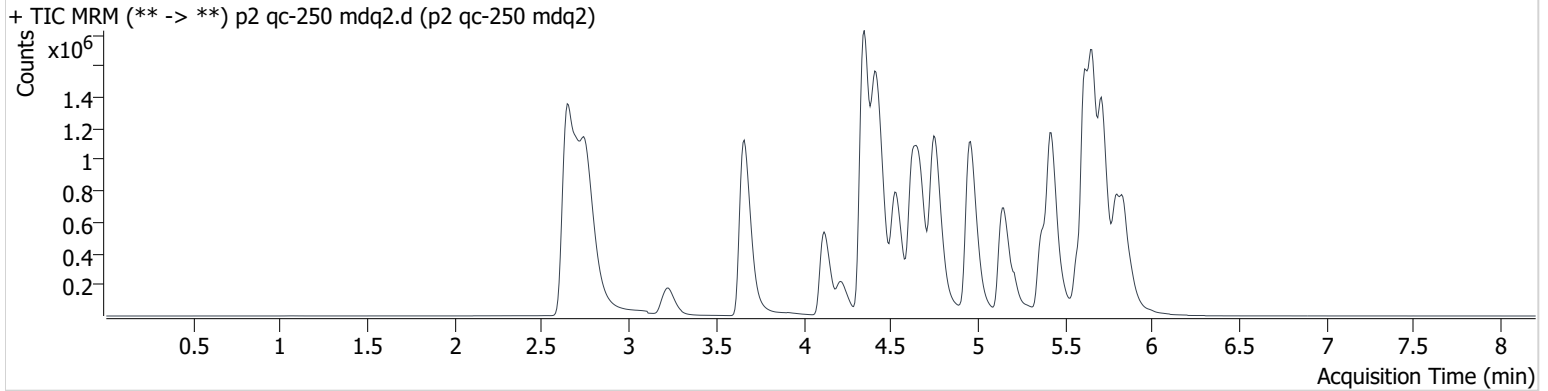
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazepam	5.569	447586	47224.5	33.5	15630.4	33259	109.232 ng/ml
Flualprazolam	5.714	219555	11798.3	117.0	7650.4	190651	104.572 ng/ml
Levamisole	2.762	1065755	17414.2	84.8	651.8	1170353	112.239 ng/ml
Midazolam	5.776	156578	761.1	94.7	3846.3	190651	97.810 ng/ml
Pseudoephedrine	2.649	2553296	48594.0	31.1	23282.5	1170353	98.980 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 qc-250 mdq2.d
Type	QC	Sample	p2 qc-250 mdq2
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-C6	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/13/2020 12:33:27 AM		
Sample Info.			

Sample Chromatogram



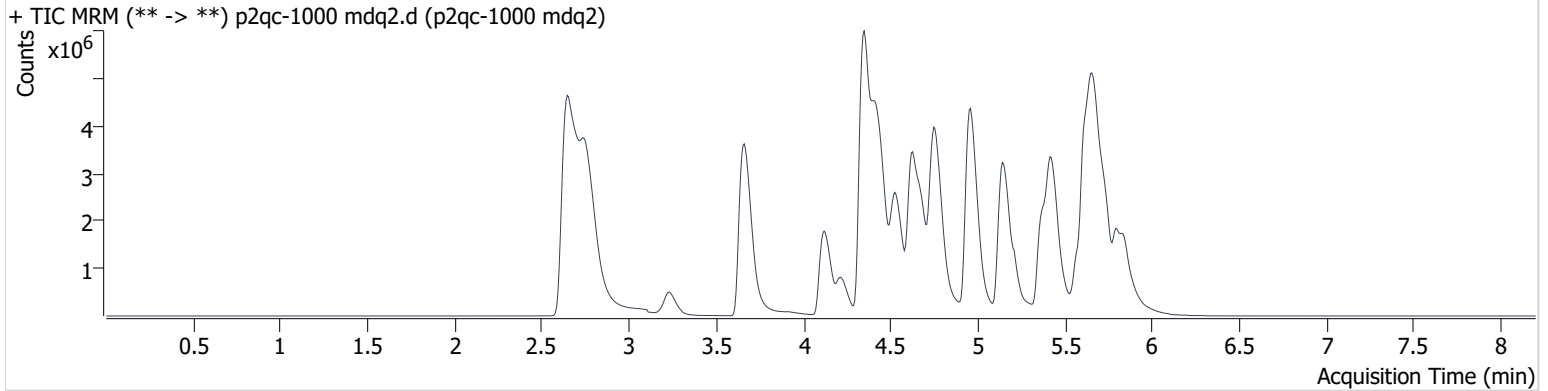
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazepam	5.569	893953	33666.8	33.4	46868.4	29791	244.494 ng/ml
Fluoxetine	5.714	423899	17040.5	120.0	10844.0	159831	241.196 ng/ml
Levamisole	2.762	2227721	92184.3	84.7	23829.4	921031	299.238 ng/ml
Midazolam	5.776	328580	1726.2	94.9	1620.4	159831	244.500 ng/ml
Pseudoephedrine	2.649	5014368	48009.2	30.1	945.1	921031	246.594 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument 69679 **Data File** p2qc-1000 mdq2.d
Type QC **Sample** p2qc-1000 mdq2
Acq. Method MDQP2 5-27-20.m **Operator** Britany Wylie
Sample Position P2-D6 **Comment**
Injection Volume 2.5
Acq. Date-Time 9/13/2020 12:44:16 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazolam	5.569	2573126	104876.7	35.7	55577.7	26127	804.180 ng/ml
Flualprazolam	5.721	1035229	24312.2	131.3	16574.0	124082	759.348 ng/ml
Levamisole	2.755	9416788	228156.9	85.1	50329.9	877589	1329.847 ng/ml
Midazolam	5.776	1024850	1938.0	95.0	7108.4	124082	981.644 ng/ml
Pseudoephedrine	2.649	19762603	2035.3	29.5	104557.7	877589	1019.122 ng/ml

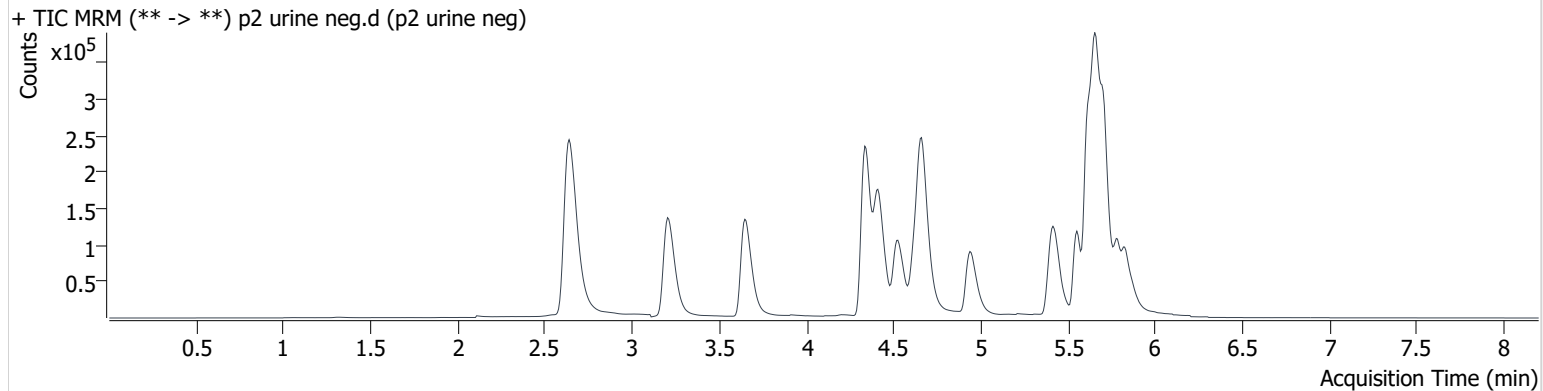
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 urine neg.d
Type	Sample	Sample	p2 urine neg
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-B7	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/13/2020 2:42:50 AM		

Sample Info.

Sample Chromatogram

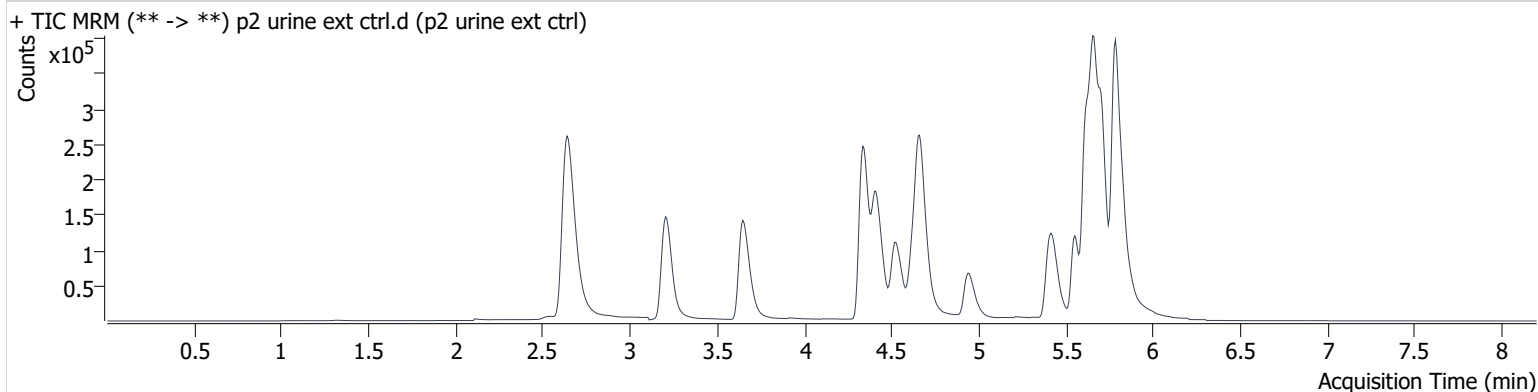


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 urine ext ctrl.d
Type	Sample	Sample	p2 urine ext ctrl
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-C7	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/13/2020 2:53:40 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Midazolam	5.782	593707	1120.2	94.7	1693.6	160326	440.244 ng/ml

Toxicology AM method 25/28 urine external control prep
working solution 10000 ng/ml in meoh methamphetamine, temazepam, midazolam
Stock solution 1mg/ml 50 ul each in 4850 ul MeOH (fisher 195629)

ppd 8/6/20: Exp: 4/1/2021 lot 4121 by baw

Drug	lot	expiration
Methamphetamine	FE08101708	10/1/2022
midazolam	FE01221602	4/1/2021
temazepam	FE04261601	5/1/2021

AM 25/28 control 500 ul working solution (4121) in 4500 ul negative urine (1000ng/mL Expected concentration)

ppd 8/6/20, exp 4/1/2021 lot u4121 negative urine 73020 by AMN

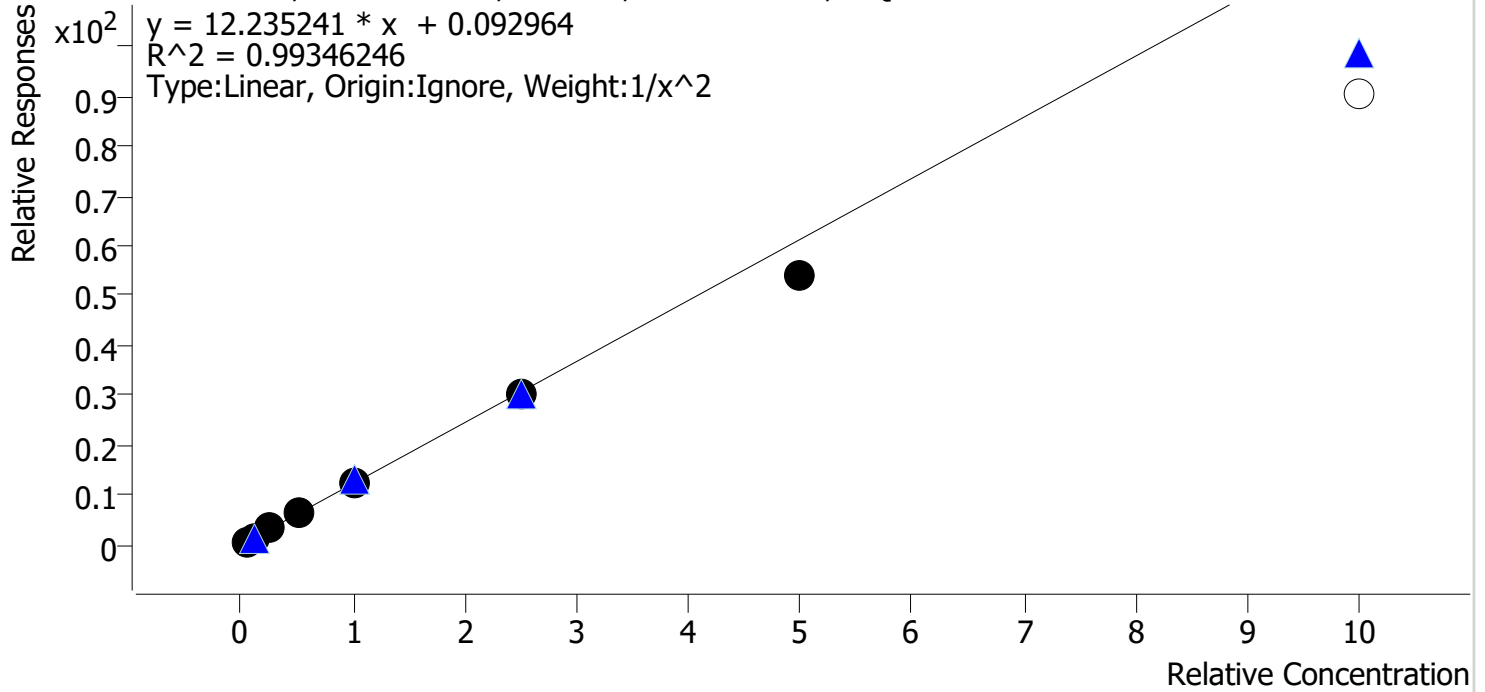
AM 25/28 Blood Control: 50ul working solution (4121) in 4950 ul neg blood (100ng/mL Expected concentration)

ppp 8/6/20, exp 4/1/21 lot b4121 neg blood 20G20792 by AMN

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Last Cal. Update 9/14/2020 8:25 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Phenazepam-D4

Clonazolam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

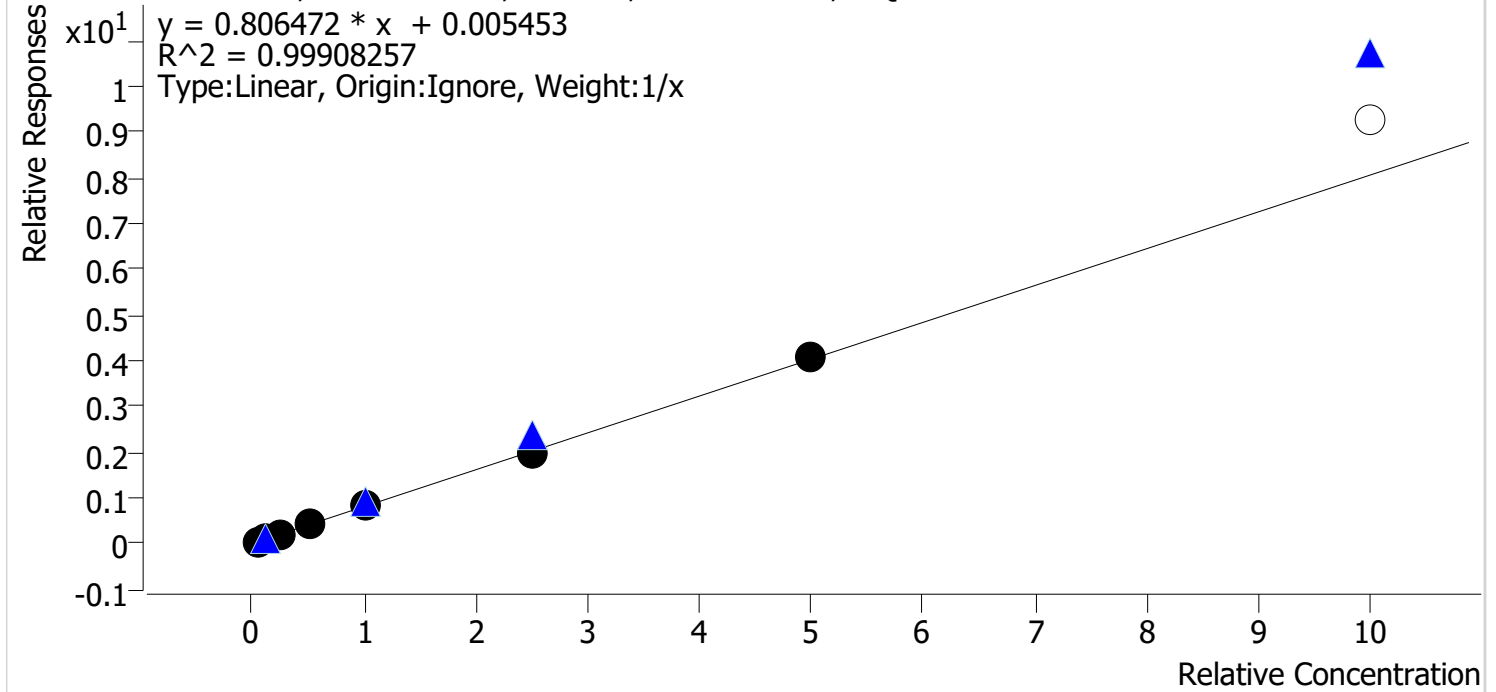


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p2 cal 1 mdq	1	✓	5.0	4.7	94.3
p2 cal 2 mdq	2	✓	10.0	10.9	109.1
p2 cal 3 mdq	3	✓	25.0	26.0	103.8
p2 cal 4 mdq	4	✓	50.0	52.1	104.3
p2 cal 5 mdq	5	✓	100.0	101.4	101.4
p2 cal 6 mdq	6	✓	250.0	246.1	98.4
p2 cal 7 mdq	7	✓	500.0	443.0	88.6
p2 cal 8 mdq	8	x	1000.0	737.0	73.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Last Cal. Update 9/14/2020 8:25 AM
Analyst Name ISP\datastor
Analyte Levamisole **Internal Standard** Pseudoephedrine-D3

Levamisole - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

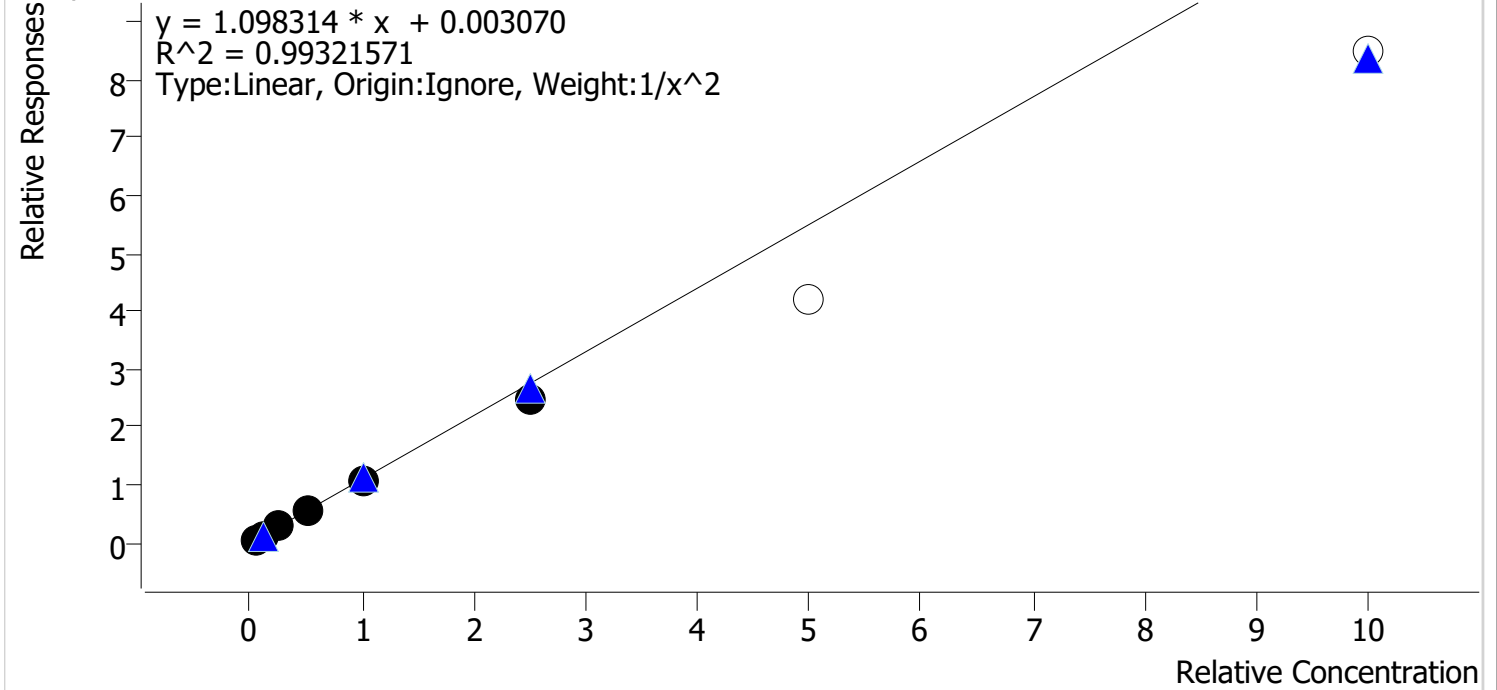


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p2 cal 1 mdq	1	✓	5.0	4.4	88.0
p2 cal 2 mdq	2	✓	10.0	10.3	102.7
p2 cal 3 mdq	3	✓	25.0	26.6	106.5
p2 cal 4 mdq	4	✓	50.0	52.7	105.5
p2 cal 5 mdq	5	✓	100.0	100.0	100.0
p2 cal 6 mdq	6	✓	250.0	240.6	96.3
p2 cal 7 mdq	7	✓	500.0	505.3	101.1
p2 cal 8 mdq	8	✗	1000.0	1153.1	115.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Last Cal. Update 9/14/2020 8:25 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Midazolam-D4

Flualprazolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs

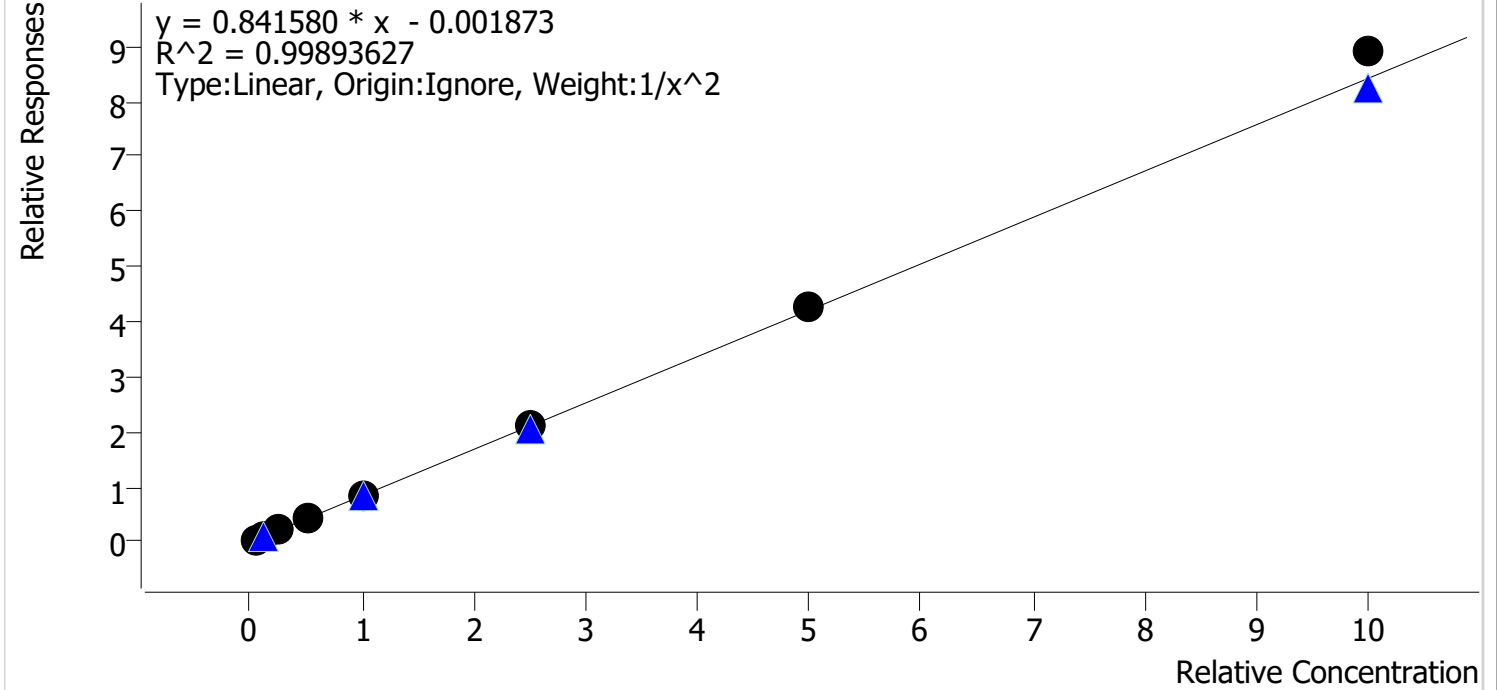


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p2 cal 1 mdq	1	✓	5.0	4.8	96.8
p2 cal 2 mdq	2	✓	10.0	10.3	102.6
p2 cal 3 mdq	3	✓	25.0	27.2	108.7
p2 cal 4 mdq	4	✓	50.0	51.9	103.9
p2 cal 5 mdq	5	✓	100.0	98.7	98.7
p2 cal 6 mdq	6	✓	250.0	223.0	89.2
p2 cal 7 mdq	7	✗	500.0	383.2	76.6
p2 cal 8 mdq	8	✗	1000.0	771.4	77.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Last Cal. Update 9/14/2020 8:25 AM
Analyst Name ISP\datastor
Analyte Midazolam **Internal Standard** Midazolam-D4

Midazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

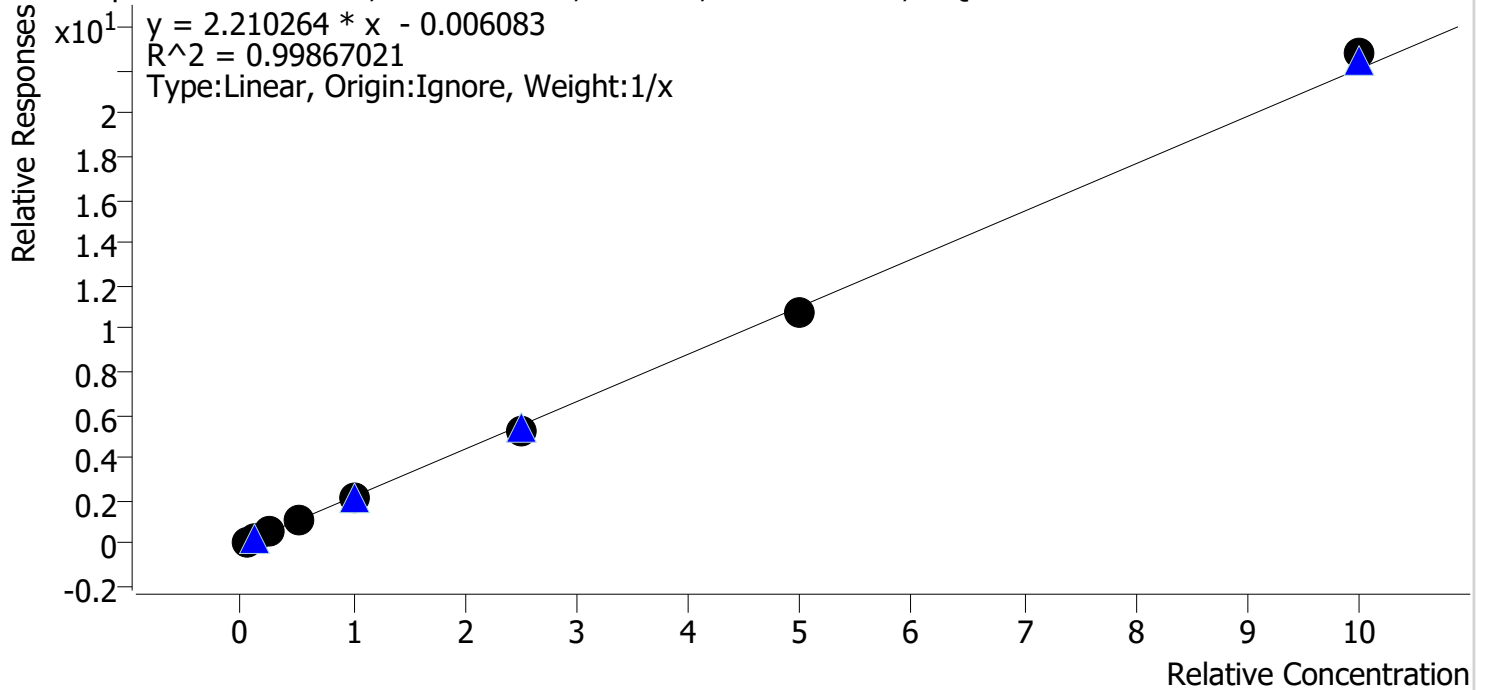


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p2 cal 1 mdq	1	✓	5.0	5.0	100.5
p2 cal 2 mdq	2	✓	10.0	10.0	100.4
p2 cal 3 mdq	3	✓	25.0	24.6	98.5
p2 cal 4 mdq	4	✓	50.0	48.4	96.7
p2 cal 5 mdq	5	✓	100.0	97.2	97.2
p2 cal 6 mdq	6	✓	250.0	249.2	99.7
p2 cal 7 mdq	7	✓	500.0	506.0	101.2
p2 cal 8 mdq	8	✓	1000.0	1057.8	105.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Last Cal. Update 9/14/2020 8:25 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

Pseudoephedrine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



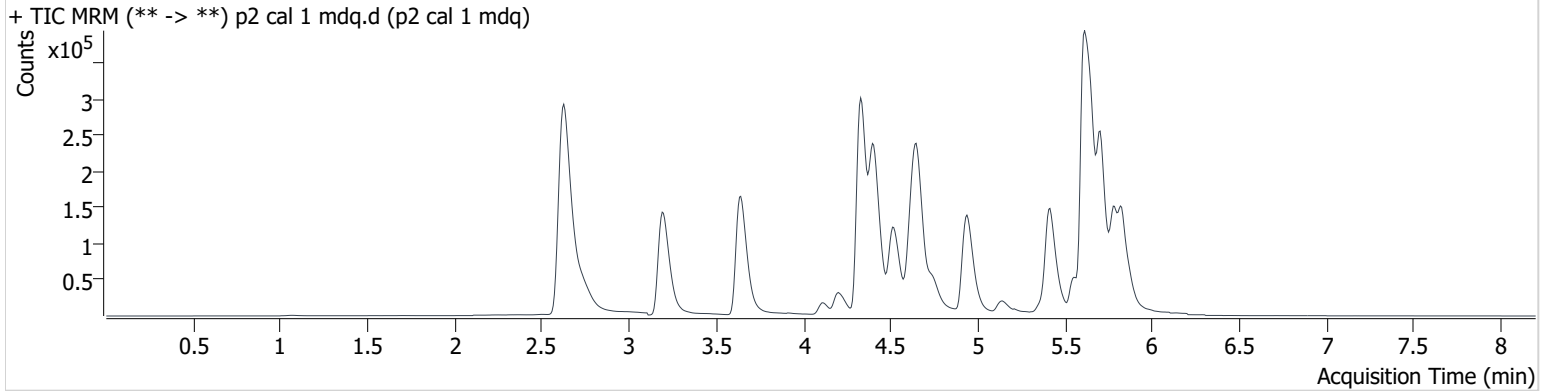
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p2 cal 1 mdq	1	✓	5.0	5.4	107.3
p2 cal 2 mdq	2	✓	10.0	10.7	107.3
p2 cal 3 mdq	3	✓	25.0	24.8	99.2
p2 cal 4 mdq	4	✓	50.0	47.6	95.1
p2 cal 5 mdq	5	✓	100.0	95.0	95.0
p2 cal 6 mdq	6	✓	250.0	239.8	95.9
p2 cal 7 mdq	7	✓	500.0	484.8	97.0
p2 cal 8 mdq	8	✓	1000.0	1032.0	103.2

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 cal 1 mdq.d
Type	Cal	Sample	p2 cal 1 mdq
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-A5	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/12/2020 9:51:39 PM		

Sample Chromatogram

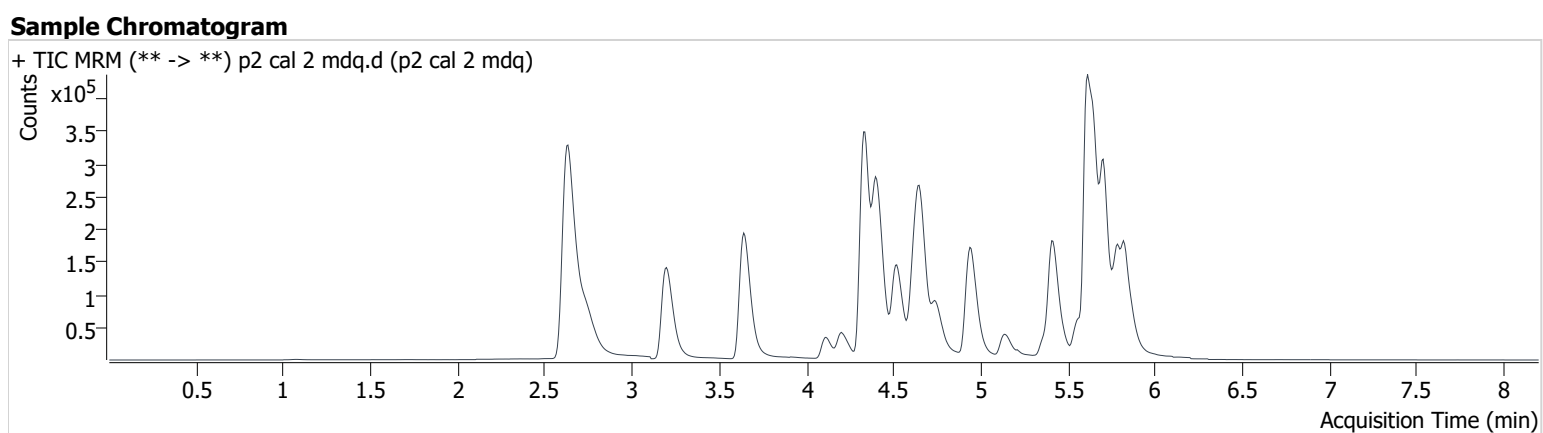


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazepam	5.569	26392	1331.5	32.0	943.0	39387	4.717 ng/ml
Fluorazepam	5.714	13092	918.9	121.2	1945.0	232780	4.841 ng/ml
Levamisole	2.748	55692	231.2	87.6	167.3	1361053	4.398 ng/ml
Midazolam	5.776	9411	2346.5	99.3	6235.4	232780	5.027 ng/ml
Pseudoephedrine	2.635	153153	210.4	30.7	1849.8	1361053	5.366 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 cal 2 mdq.d
Type	Cal	Sample	p2 cal 2 mdq
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-B5	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/12/2020 10:02:29 PM		
Sample Info.			



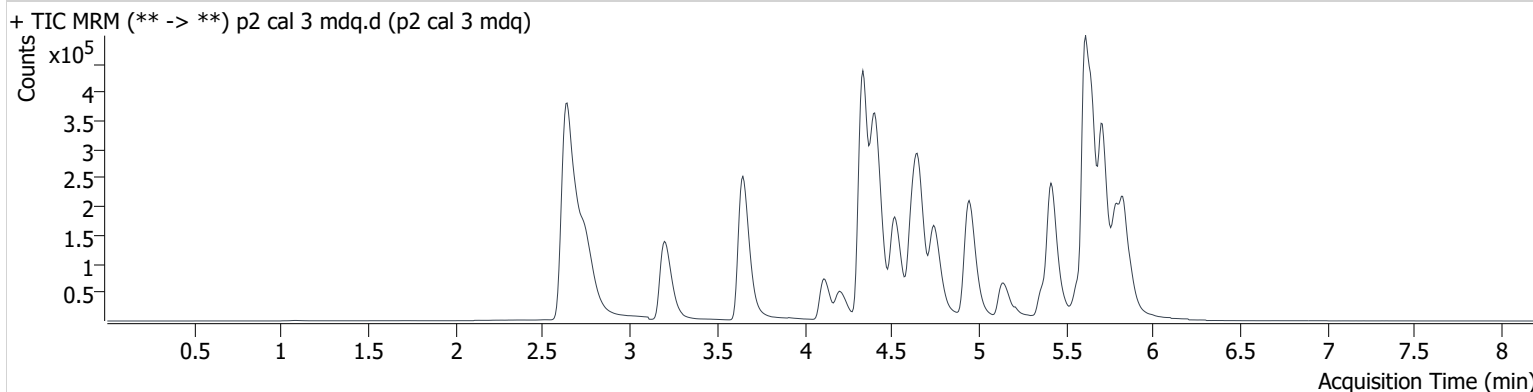
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazolam	5.569	56120	6125.1	32.5	9629.4	39307	10.909 ng/ml
Flualprazolam	5.714	27079	657.9	119.0	3857.1	233825	10.265 ng/ml
Levamisole	2.748	121139	710.9	85.0	1043.5	1371858	10.273 ng/ml
Midazolam	5.776	19319	404.5	101.9	13172.3	233825	10.040 ng/ml
Pseudoephedrine	2.642	316865	836.3	31.3	5587.8	1371858	10.725 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 cal 3 mdq.d
Type	Cal	Sample	p2 cal 3 mdq
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-C5	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/12/2020 10:13:18 PM		
Sample Info.			

Sample Chromatogram



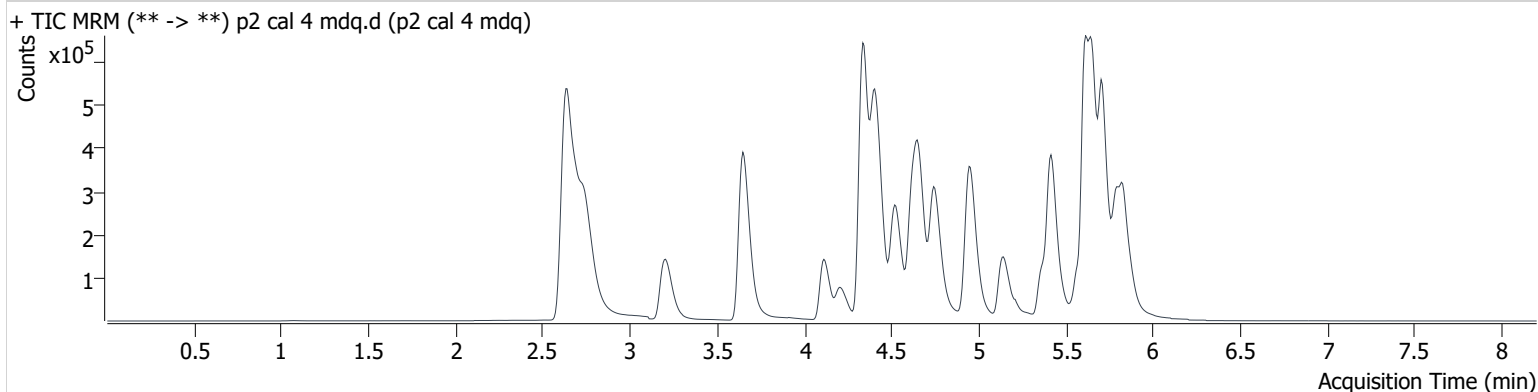
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazolam	5.569	124377	23627.0	32.0	27020.4	38052	25.955 ng/ml
Flualprazolam	5.714	61819	6523.1	116.4	8532.8	204943	27.184 ng/ml
Levamisole	2.755	266820	6135.3	84.9	2324.0	1211509	26.633 ng/ml
Midazolam	5.776	42092	15804.7	94.9	1359.0	204943	24.627 ng/ml
Pseudoephedrine	2.642	656972	1332.0	31.2	11045.7	1211509	24.810 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 cal 4 mdq.d
Type	Cal	Sample	p2 cal 4 mdq
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-D5	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/12/2020 10:24:07 PM		

Sample Chromatogram



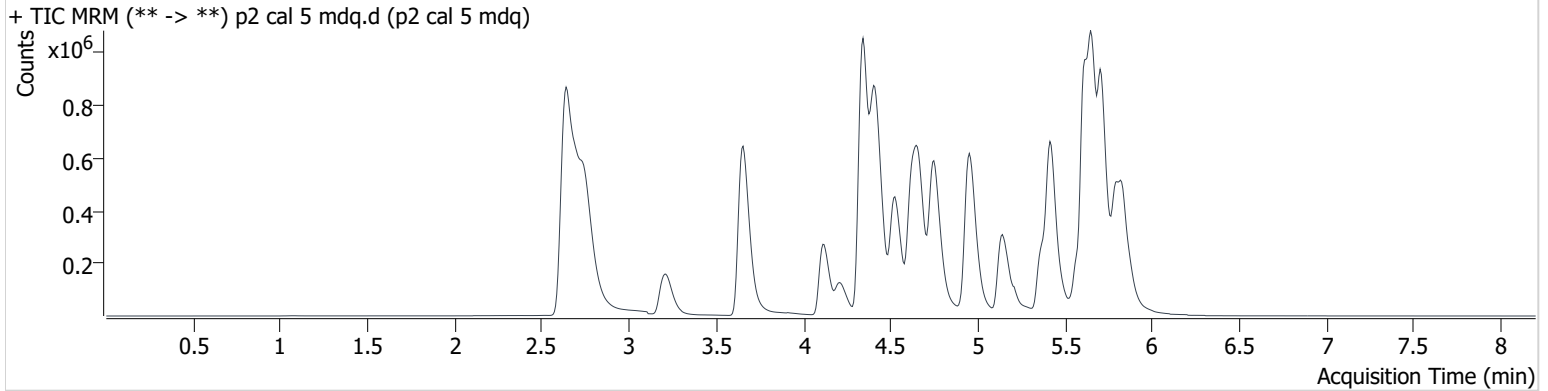
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazepam	5.569	241011	39797.9	33.4	4622.8	37239	52.136 ng/ml
Fluorazepam	5.714	118128	3593.4	117.3	4805.4	205999	51.931 ng/ml
Levamisole	2.748	528953	25965.8	84.6	476.5	1228189	52.726 ng/ml
Midazolam	5.776	83475	4900.1	93.1	11292.0	205999	48.372 ng/ml
Pseudoephedrine	2.642	1283528	11628.2	31.2	678.8	1228189	47.557 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument 69679 **Data File** p2 cal 5 mdq.d
Type Cal **Sample** p2 cal 5 mdq
Acq. Method MDQP2 5-27-20.m **Operator** Britany Wylie
Sample Position P2-E5 **Comment**
Injection Volume 2.5
Acq. Date-Time 9/12/2020 10:34:56 PM
Sample Info.

Sample Chromatogram



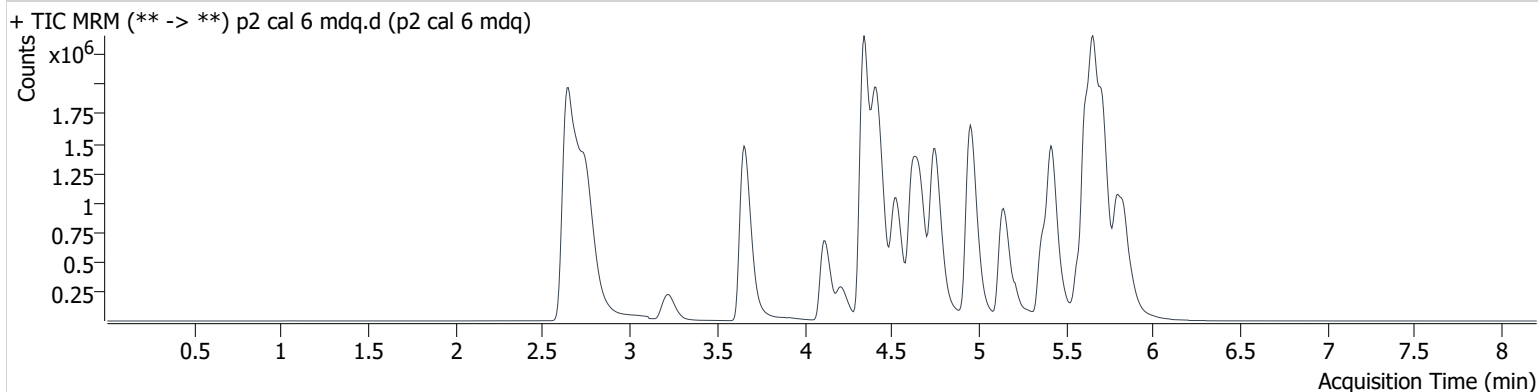
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazepam	5.569	453721	47045.4	34.4	7688.3	36285	101.440 ng/ml
Flualprazolam	5.714	220109	4138.8	119.7	75049.6	202426	98.723 ng/ml
Levamisole	2.755	1008440	29427.5	85.4	1422.9	1241798	100.019 ng/ml
Midazolam	5.776	165176	1799.3	97.1	2048.0	202426	97.181 ng/ml
Pseudoephedrine	2.642	2600259	16779.9	32.4	22198.9	1241798	95.013 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 cal 6 mdq.d
Type	Cal	Sample	p2 cal 6 mdq
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-F5	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/12/2020 10:45:44 PM		
Sample Info.			

Sample Chromatogram

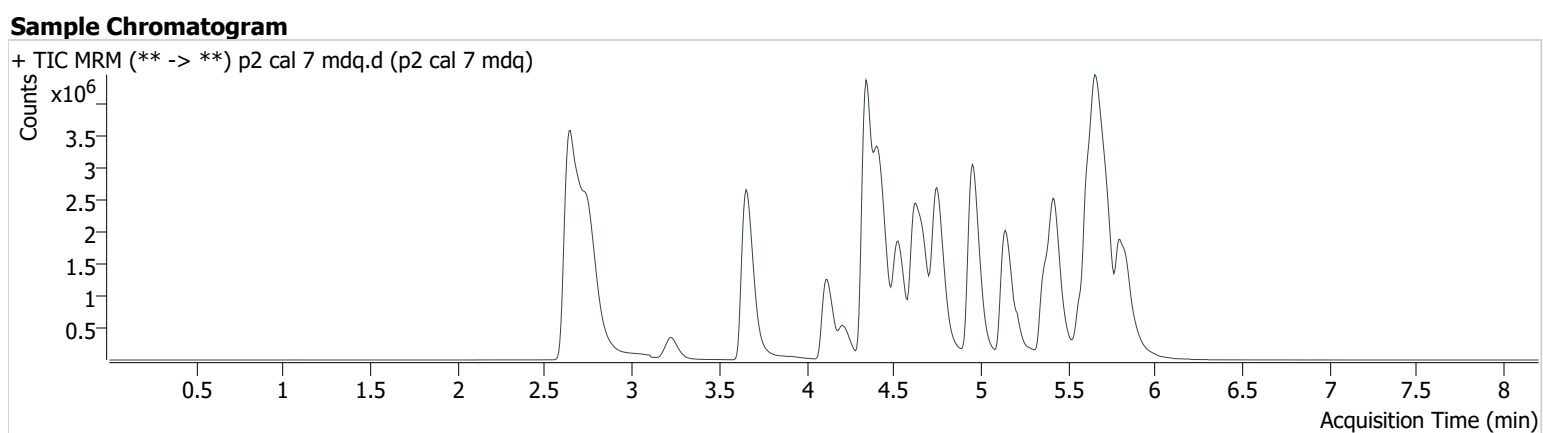


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazepam	5.569	1050264	49006.8	34.5	53807.7	34772	246.105 ng/ml
Fluorazepam	5.714	486361	20461.3	123.2	27214.7	198313	223.017 ng/ml
Levamisole	2.755	2610937	28743.8	84.5	1797.0	1341669	240.626 ng/ml
Midazolam	5.776	415457	1859.1	93.7	5211.1	198313	249.154 ng/ml
Pseudoephedrine	2.650	7101610	79876.8	30.7	5247.3	1341669	239.754 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 cal 7 mdq.d
Type	Cal	Sample	p2 cal 7 mdq
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-G5	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/12/2020 10:56:32 PM		
Sample Info.			



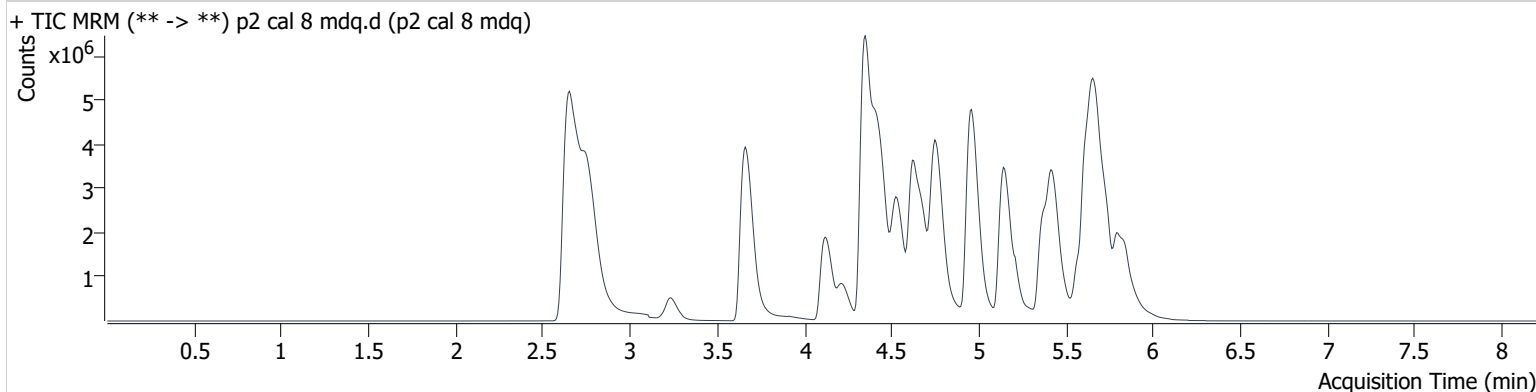
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazepam	5.569	1808867	47769.9	35.0	27989.1	33317	442.984 ng/ml
Fluorazepam	5.721	707012	14443.6	131.1	15043.5	167847	383.238 ng/ml
Levamisole	2.755	5289138	80773.5	84.6	47935.9	1296117	505.325 ng/ml
Midazolam	5.776	714394	1631.7	94.6	944.2	167847	505.963 ng/ml
Pseudoephedrine	2.649	13879594	271349.0	30.0	242348.1	1296117	484.769 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 9-11-2020 reinject\QuantResults\mdq p2.batch.bin
Calibration Last Update 9/14/2020 8:25:40 AM

Instrument	69679	Data File	p2 cal 8 mdq.d
Type	Cal	Sample	p2 cal 8 mdq
Acq. Method	MDQP2 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-H5	Comment	
Injection Volume	2.5		
Acq. Date-Time	9/12/2020 11:18:02 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Clonazepam	5.569	2633122	93776.2	35.5	28534.6	29169	737.049 ng/ml
Flualprazolam	5.721	1014330	44084.6	131.6	47605.0	119683	771.368 ng/ml
Levamisole	2.762	9158022	210872.9	85.3	1091.7	984249	1153.062 ng/ml
Midazolam	5.776	1065223	325.4	94.4	8555.7	119683	1057.798 ng/ml
Pseudoephedrine	2.655	22444777	264731.4	29.6	1531.6	984249	1032.006 ng/ml

allu P2 lot 200514

	1/5	2/6	3/7	4	5	6	7	8	9	10	11	12
A	Panel 2 IS + Cal. 1	Panel 2 IS + QC_1	1774 ✓	Panel 2 IS + Cal. 1	Panel 2 IS + QC_1				Panel 2 IS + Cal. 8			Panel 2 IS + Cal. 8
B	Panel 2 IS + Cal. 2	Panel 2 IS + QC_2	uneg ^A	Panel 2 IS + Cal. 2	Panel 2 IS + QC_2				Panel 2 IS + Cal. 7			Panel 2 IS + Cal. 7
C	Panel 2 IS + Cal. 3	Panel 2 IS + QC_3	unext ^B	Panel 2 IS + Cal. 3	Panel 2 IS + QC_3				Panel 2 IS + Cal. 6			Panel 2 IS + Cal. 6
D	Panel 2 IS + Cal. 4	Panel 2 IS + QC_4	1691 ^C	Panel 2 IS + Cal. 4	Panel 2 IS + QC_4				Panel 2 IS + Cal. 5			Panel 2 IS + Cal. 5
E	Panel 2 IS + Cal. 5	neg ^D	1800 ^D	Panel 2 IS + Cal. 5				Panel 2 IS + QC_4	Panel 2 IS + Cal. 4		Panel 2 IS + QC_4	Panel 2 IS + Cal. 4
F	Panel 2 IS + Cal. 6	1650	1801 ^E	Panel 2 IS + Cal. 6				Panel 2 IS + QC_3	Panel 2 IS + Cal. 3		Panel 2 IS + QC_3	Panel 2 IS + Cal. 3
G	Panel 2 IS + Cal. 7	1725	1581 ^F	Panel 2 IS + Cal. 7				Panel 2 IS + QC_2	Panel 2 IS + Cal. 2		Panel 2 IS + QC_2	Panel 2 IS + Cal. 2
H	Panel 2 IS + Cal. 8	1728 ✓		Panel 2 IS + Cal. 8				Panel 2 IS + QC_1	Panel 2 IS + Cal. 1		Panel 2 IS + QC_1	Panel 2 IS + Cal. 1

All wells to contain 60 µl of residual DMSO

Case # Prefix:
C2020-

Samples moved to SLE Columns 5-7 ^{EW}