7/1/2021

REVIEWED
By Britany Wylie at 6:06 pm, Jul 01, 2021

Worklist: 5077

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2021-1279	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1340	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1354	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ
C2021-1363	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1377	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1394	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1435	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1456	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1508	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ

AM# 28: Multi-Drug Quantitation by LC-MS/MS

Extraction Date 6/29/21 Analyst: Anne Nord
Plate lot#: 201207 (part IDP-121) Plate Expiration: 12/10/21

Mobile phase A: 5mM Amm Form + 0.01% FA **Mobile phase B:** 0.01% Formic Acid in MeOH
0.5M Ammonium Hydroxide Ethyl Acetate 20% Methanol in Water
Blank Blood Lot: 21D52496 **Urine Blank lot:** 5621
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. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette **250µL blood (calibrated pipette) Pipette ID: 1926134 or 250µL hydrolyzed urine** in wells of analytical (standards) plate.
☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 4. Pipette **250µL 00.5M 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/urine+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. Add 50 ul 1% HCl in MeOH, 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 R^2 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: *Compounds evaluated Amphetamine, Benzoylecgonine, Buprenorphine, Citalopram, Cocaine, Codeine Fentanyl, Hydrocodone, Lamotrigine, Methamphetamine, Morphine, Norbuprenorphine, Norfentanyl, Norhydrocodone, Oxazepam.*
Curve limits:
Amphetamine 5-250, buprenorphine 1-100, codeine 5-500, fentanyl 1-100, lamotrigine 5-500, methamphetamine 5-500, Oxazepam 10-1000 (oxazepam qualitative only)

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1		1279-2	IS + Cal. 1	IS + QC_1	1363-1					IS + Cal. 8
B	IS + Cal. 2	IS + QC_2		1354-1	IS + Cal. 2	IS + QC_2						IS + Cal. 7
C	IS + Cal. 3	qc3		1340-1	IS + Cal. 3	IS + QC_3						IS + Cal. 6
D	IS + Cal. 4	IS + QC_4		well clogged not used	IS + Cal. 4	IS + QC_4					qc2 urine	IS + Cal. 5
E	IS + Cal. 5	Qc 2 urine		1377-2	IS + Cal. 5	qc2 urine					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6			1394-1	IS + Cal. 6	negative blood					IS + QC_3	IS + Cal. 3
G	IS + Cal. 7			1435-2	IS + Cal. 7	1508-1					IS + QC_2	IS + Cal. 2
H	IS + Cal. 8			1456-1	IS + Cal. 8	neg urine					IS + QC_1	IS + Cal. 1

Run blanks before

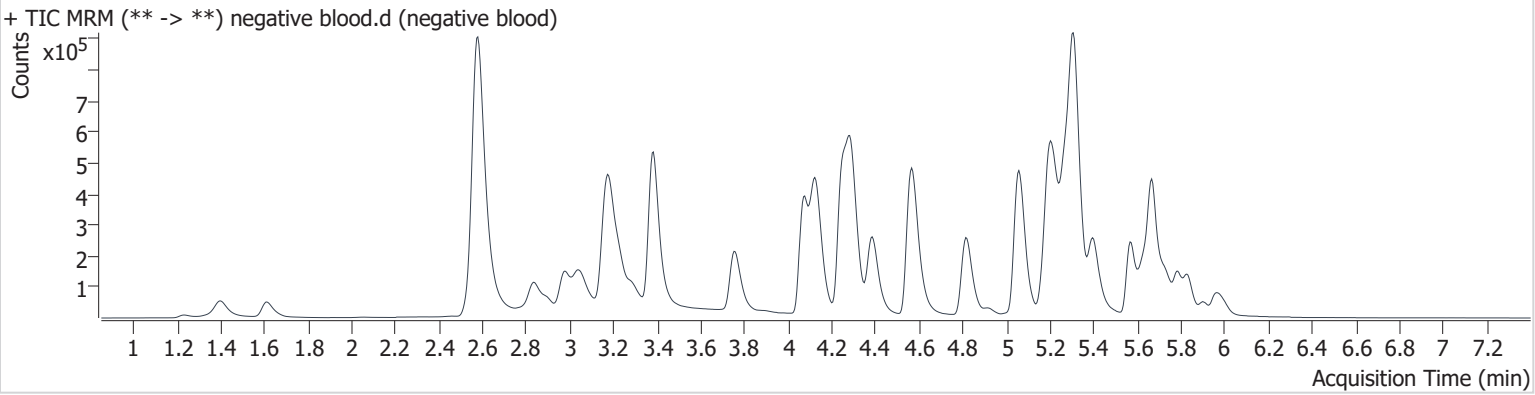
c2021-___-_

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 6/30/2021 12:53:33 PM

Instrument	69679	**Data File**	negative blood.d
Type	Sample	**Sample**	negative blood
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-F6	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 3:33:43 PM		
Sample Info.			

Sample Chromatogram

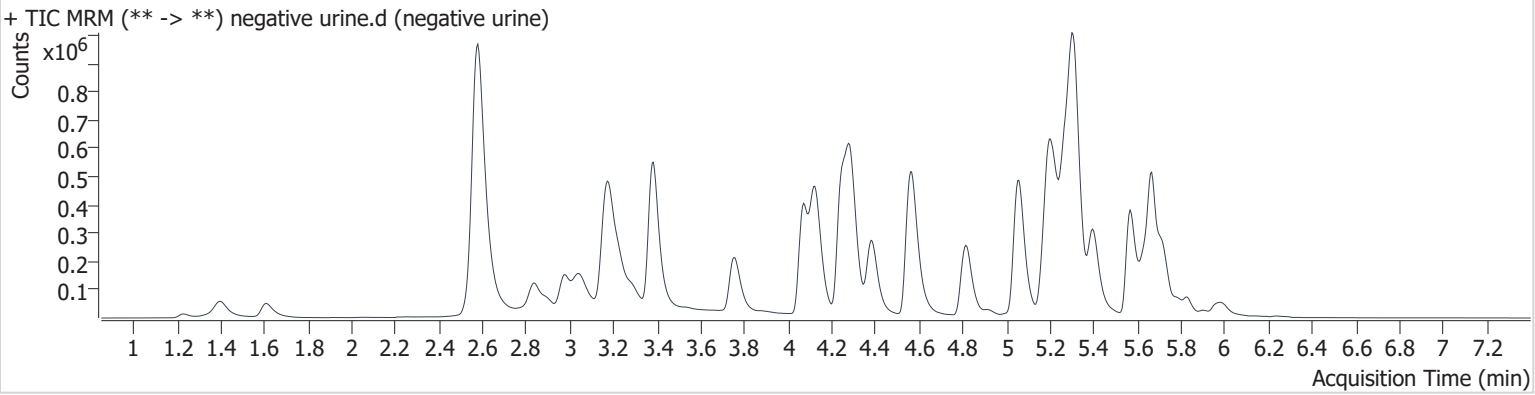


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 6/30/2021 12:53:33 PM

Instrument	69679	**Data File**	negative urine.d
Type	Sample	**Sample**	negative urine
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-H6	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 4:00:43 PM		
Sample Info.			

Sample Chromatogram

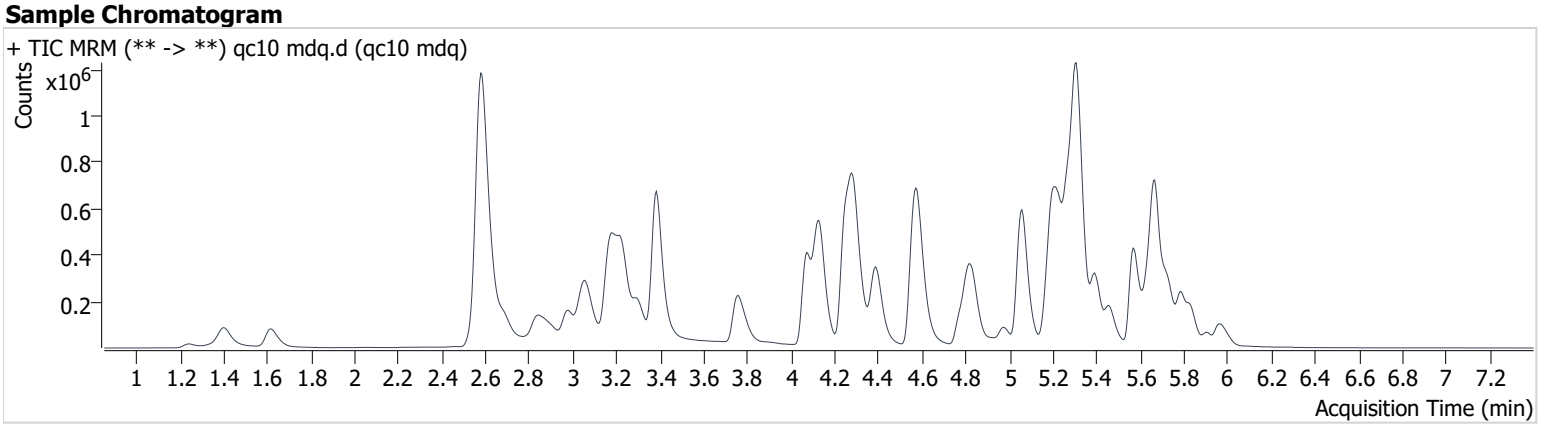


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	qc10 mdq.d
Type	QC	**Sample**	qc10 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-A6	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 2:57:33 PM		
Sample Info.			

Sample Chromatogram



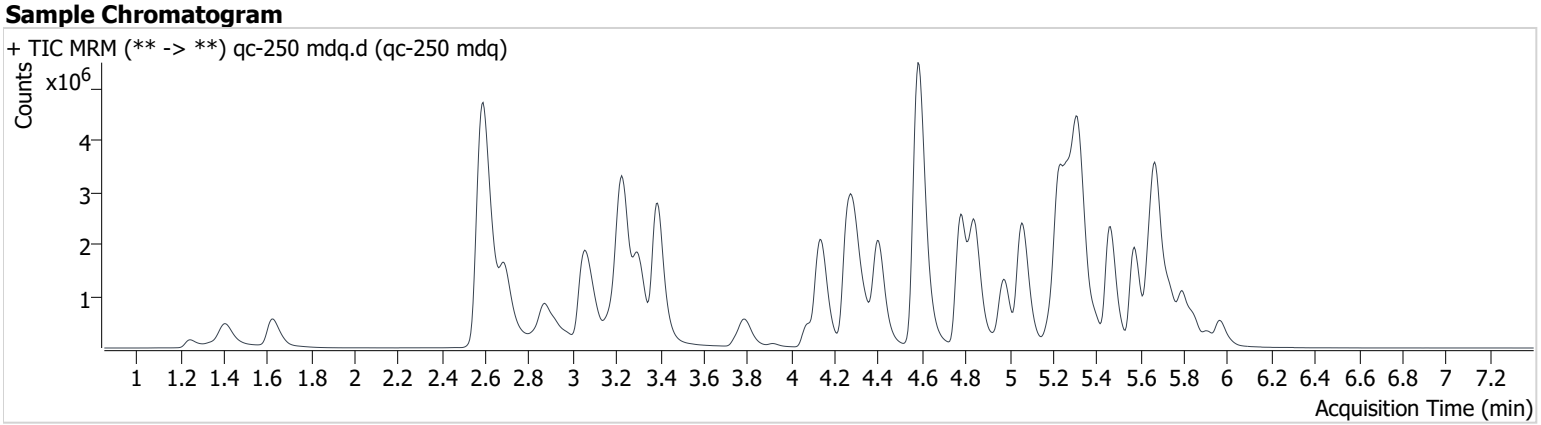
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.057	378336	3124.3	44.6	2173.3	552198	11.751	ng/ml
Benzoylecgonine	3.916	4331	13426.2	53.7	243.1	13716	10.796	ng/ml
Buprenorphine	6.016	3271	6729.3	17.1	2749.1	104783	1.183	ng/ml
Citalopram	5.243	152037	10663.9	41.5	12199.8	594586	10.947	ng/ml
Cocaine	4.286	189314	22472.7	45.8	5799.9	1307548	10.822	ng/ml
Codeine	2.639	28285	∞	83.5	1787.0	107529	10.370	ng/ml
Fentanyl	5.190	15348	1597.4	128.6	34226.9	784547	1.016	ng/ml
Hydrocodone	3.069	74275	∞	33.5	∞	350269	11.445	ng/ml
Lamotrigine	4.340	14217	978.7	85.7	∞	559688	9.990	ng/ml
Methamphetamine	3.231	498851	962.9	41.0	∞	1225314	12.721	ng/ml
Morphine	1.246	11517	1313689920 30982.0	17.3	∞	14652	10.490	ng/ml
Norbuprenorphine	5.024	646	2138.8	102.2	∞	28725	0.798	ng/ml
Norfentanyl	4.093	11434	285.5	34.5	135220.0	1330354	1.138	ng/ml
Norhydrocodone	3.085	7603	∞	25.7	∞	118301	10.647	ng/ml
Oxazepam	5.776	14065	3305.6	67.1	∞	55260	9.961	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	qc-250 mdq.d
Type	QC	**Sample**	qc-250 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-C6	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 3:06:36 PM		
Sample Info.			

Sample Chromatogram



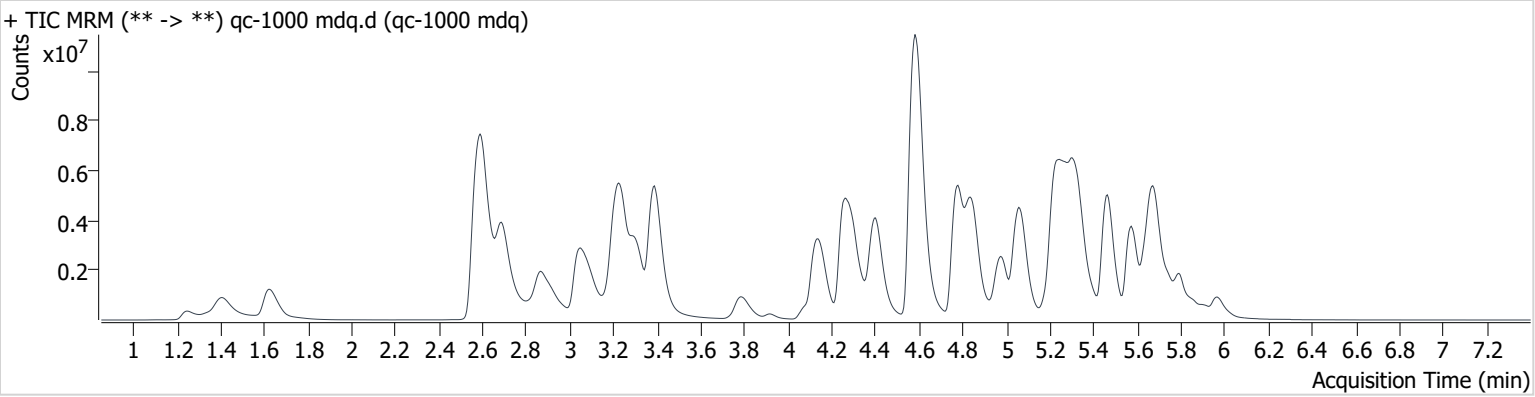
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.052	4751172	∞	44.7	∞	469154	213.479	ng/ml
Benzoylecgonine	3.916	95605	159348.9	51.1	1432.7	12405	288.342	ng/ml
Buprenorphine	6.016	66696	∞	16.6	191265.4	96741	26.450	ng/ml
Citalopram	5.243	1727049	194425.4	43.3	685325.4	285252	274.589	ng/ml
Cocaine	4.291	3209558	857348.0	45.8	228934.5	943888	269.091	ng/ml
Codeine	2.639	425389	17685.4	87.5	23743.5	54857	290.741	ng/ml
Fentanyl	5.190	276145	92061.7	135.7	4952652.3	666145	27.613	ng/ml
Hydrocodone	3.064	1310981	∞	35.6	∞	283456	275.718	ng/ml
Lamotrigine	4.340	193936	258835.4	86.7	320537.7	318825	280.696	ng/ml
Methamphetamine	3.231	6015271	∞	39.6	∞	1139795	248.916	ng/ml
Morphine	1.246	213072	∞	17.1	∞	12289	256.924	ng/ml
Norbuprenorphine	5.019	9812	4066983901 1570.7	101.2	31164.2	20624	27.238	ng/ml
Norfentanyl	4.093	220066	10487.5	35.0	9239857317 54390.0	1247131	27.785	ng/ml
Norhydrocodone	3.085	152396	∞	29.4	∞	87578	277.562	ng/ml
Oxazepam	5.771	128276	3628278.4	69.9	1030.7	21283	269.173	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	qc-1000 mdq.d
Type	QC	**Sample**	qc-1000 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-D6	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 3:15:38 PM		
Sample Info.			

Sample Chromatogram



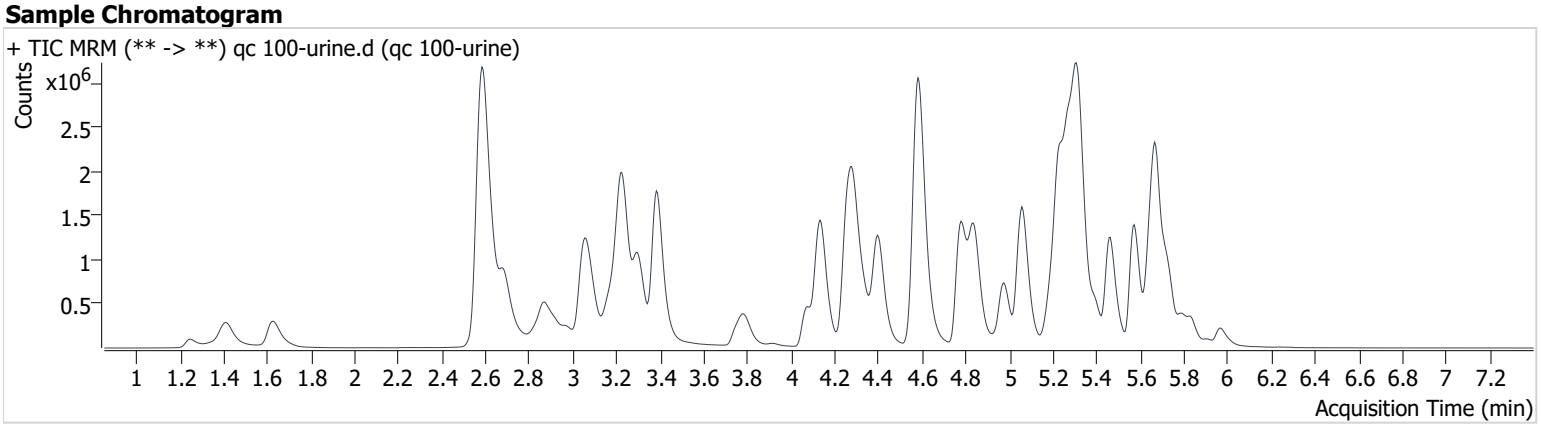
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.		
~~Amphetamine~~	~~3.037~~	~~7712290~~	~~∞~~	~~44.8~~	~~∞~~	~~330293~~	~~495.985~~	~~ng/ml~~	ocr
Benzoylecgonine	3.916	339613	12283218.1	51.1	10557.5	11528	1105.225	ng/ml	
Buprenorphine	6.016	225074	∞	16.2	82431.0	76754	112.554	ng/ml	
Citalopram	5.238	1634797	43221.8	46.4	367096.4	74841	992.443	ng/ml	
Cocaine	4.291	6408004	385937.8	45.2	4723407.2	460933	1102.219	ng/ml	
~~Codeine~~	~~2.644~~	~~845777~~	~~82622.8~~	~~91.3~~	~~∞~~	~~23043~~	~~1374.168~~	~~ng/ml~~	ocr
Fentanyl	5.185	746799	∞	136.3	1786438.7	510697	98.168	ng/ml	
Hydrocodone	3.064	3620969	∞	37.6	∞	211885	1022.160	ng/ml	
~~Lamotrigine~~	~~4.345~~	~~273964~~	~~26428.6~~	~~84.2~~	~~89822.5~~	~~148471~~	~~855.172~~	~~ng/ml~~	ocr
~~Methamphetamine~~	~~3.231~~	~~12435658~~	~~∞~~	~~37.9~~	~~∞~~	~~823224~~	~~725.562~~	~~ng/ml~~	ocr
Morphine	1.246	547292	∞	19.1	∞	7927	1026.718	ng/ml	
Norbuprenorphine	5.014	18616	∞	102.2	44166.0	9697	111.468	ng/ml	
Norfentanyl	4.088	562471	∞	35.0	1032362164 535450.0	962277	92.560	ng/ml	
Norhydrocodone	3.085	338081	∞	31.1	∞	49325	1092.075	ng/ml	
Oxazepam	5.771	182237	25592.0	73.5	22685.8	7519	1086.892	ng/ml	

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	qc 100-urine.d
Type	Sample	**Sample**	qc 100-urine
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-E6	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 3:24:40 PM		
Sample Info.			

Sample Chromatogram



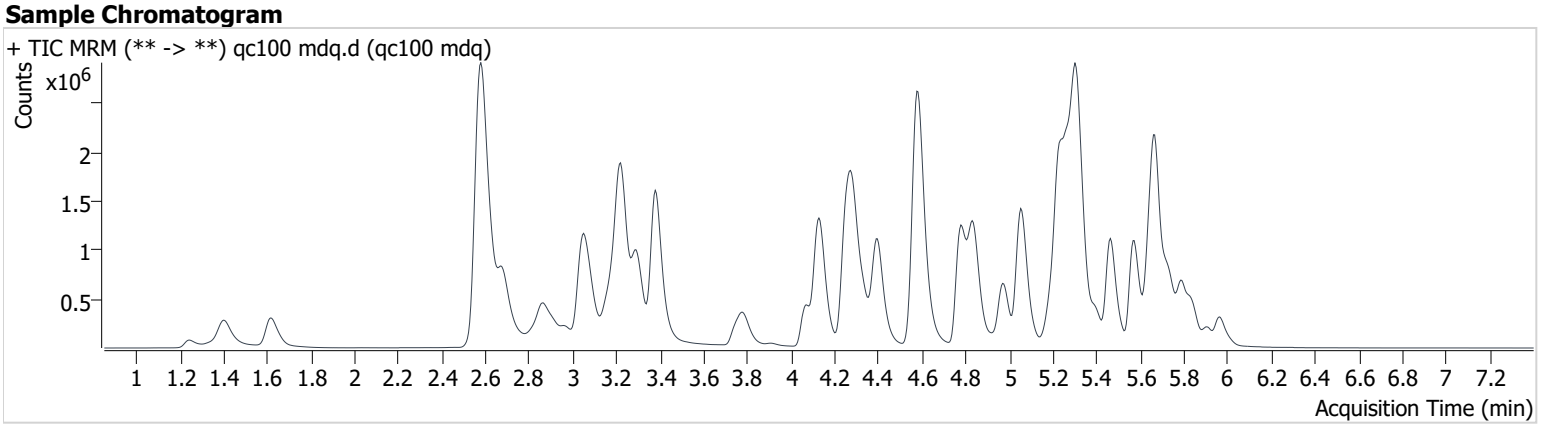
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.052	2880550	∞	45.6	28866.6	558930	107.222	ng/ml
Benzoylecgonine	3.916	44738	∞	51.1	1268.1	14886	111.795	ng/ml
Buprenorphine	6.016	27524	∞	16.3	8624.7	96564	10.926	ng/ml
Citalopram	5.243	1140260	23076.6	42.3	20724.5	458288	112.443	ng/ml
Cocaine	4.291	1779772	508314.0	46.2	∞	1278927	109.735	ng/ml
Codeine	2.639	240292	285620.5	90.0	∞	82803	109.134	ng/ml
Fentanyl	5.190	169943	154694.2	131.8	293813.8	898122	12.440	ng/ml
Hydrocodone	3.069	674059	∞	38.2	∞	353137	113.055	ng/ml
Lamotrigine	4.340	115706	5504.7	87.9	606275.2	460199	114.963	ng/ml
Methamphetamine	3.231	3211005	∞	39.9	6174.9	1317228	111.196	ng/ml
Morphine	1.251	130728	∞	18.2	∞	18229	105.559	ng/ml
Norbuprenorphine	5.014	5875	3920.8	85.9	∞	28118	11.675	ng/ml
Norfentanyl	4.093	104828	2894.3	35.0	7678482804 565.6	1402747	11.636	ng/ml
Norhydrocodone	3.080	73007	∞	26.2	∞	110340	105.795	ng/ml
Oxazepam	5.771	26183	379.5	72.7	294.6	11871	97.576	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	qc100 mdq.d
Type	QC	**Sample**	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-B6	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 6:06:41 PM		
Sample Info.			

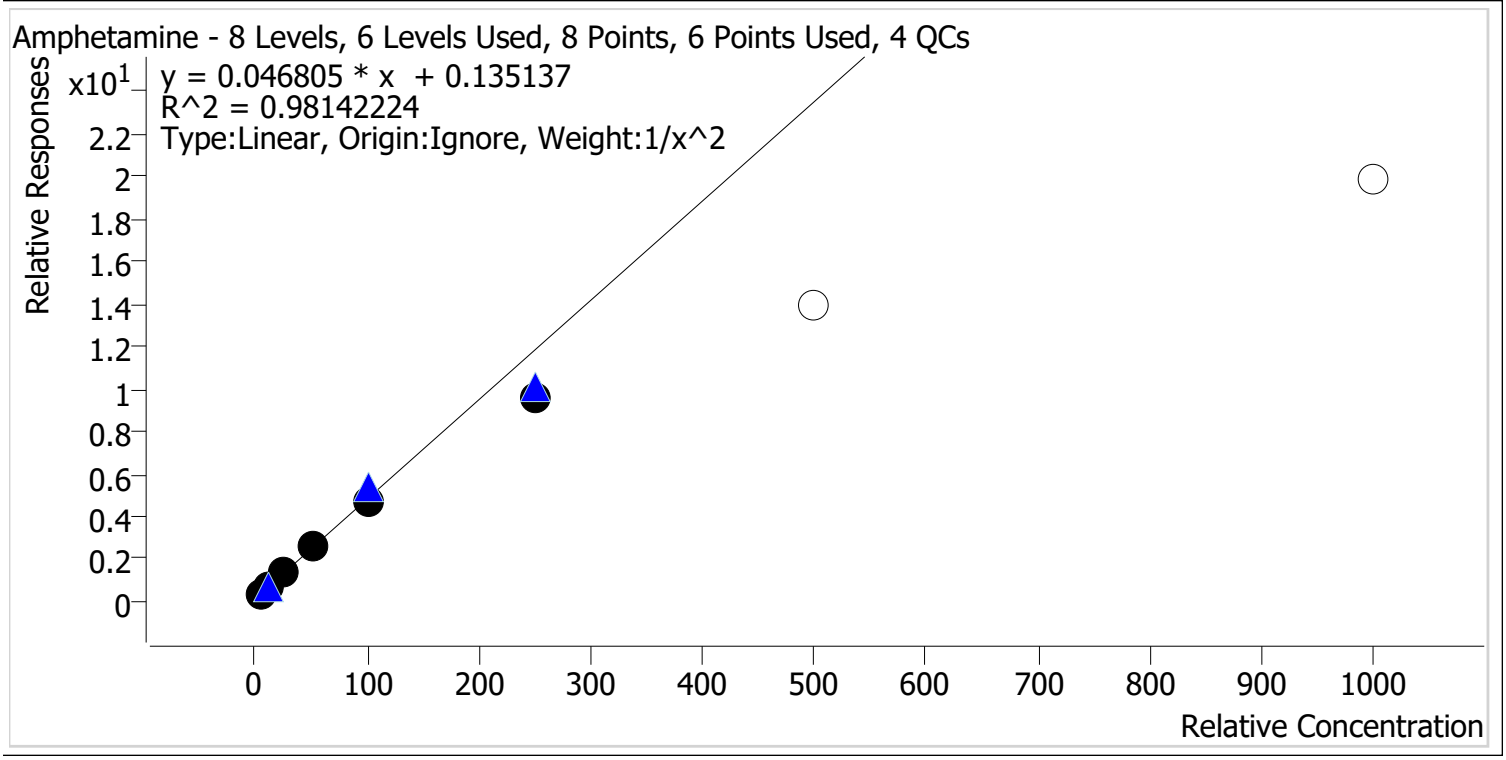
Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.047	2751109	∞	43.9	∞	517954	110.593	ng/ml
Benzoylecgonine	3.911	40211	286860.7	50.3	1284.9	13379	111.796	ng/ml
Buprenorphine	6.021	25664	32507.6	15.6	17036.1	96545	10.189	ng/ml
Citalopram	5.238	1049395	28617.0	40.9	507448.6	419573	113.035	ng/ml
Cocaine	4.286	1592340	3539644.2	46.3	∞	1136968	110.441	ng/ml
Codeine	2.634	229739	892081.2	87.2	∞	78265	110.383	ng/ml
Fentanyl	5.190	125940	∞	130.3	∞	684362	12.091	ng/ml
Hydrocodone	3.064	618308	∞	36.9	∞	318057	115.165	ng/ml
Lamotrigine	4.335	110189	8373.7	86.4	∞	432239	116.588	ng/ml
Methamphetamine	3.226	2959150	∞	39.5	∞	1176028	115.004	ng/ml
Morphine	1.246	104229	∞	17.1	∞	13653	112.448	ng/ml
Norbuprenorphine	5.014	4886	∞	99.5	18949.3	26681	10.169	ng/ml
Norfentanyl	4.088	104310	∞	34.7	151543.6	1319929	12.318	ng/ml
Norhydrocodone	3.075	70876	∞	28.5	∞	106509	106.399	ng/ml
Oxazepam	5.771	97220	4721.3	74.6	16904.0	39191	109.925	ng/ml

Compound Calibration Report

Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Amphetamine
Internal Standard	Amphetamine-D11

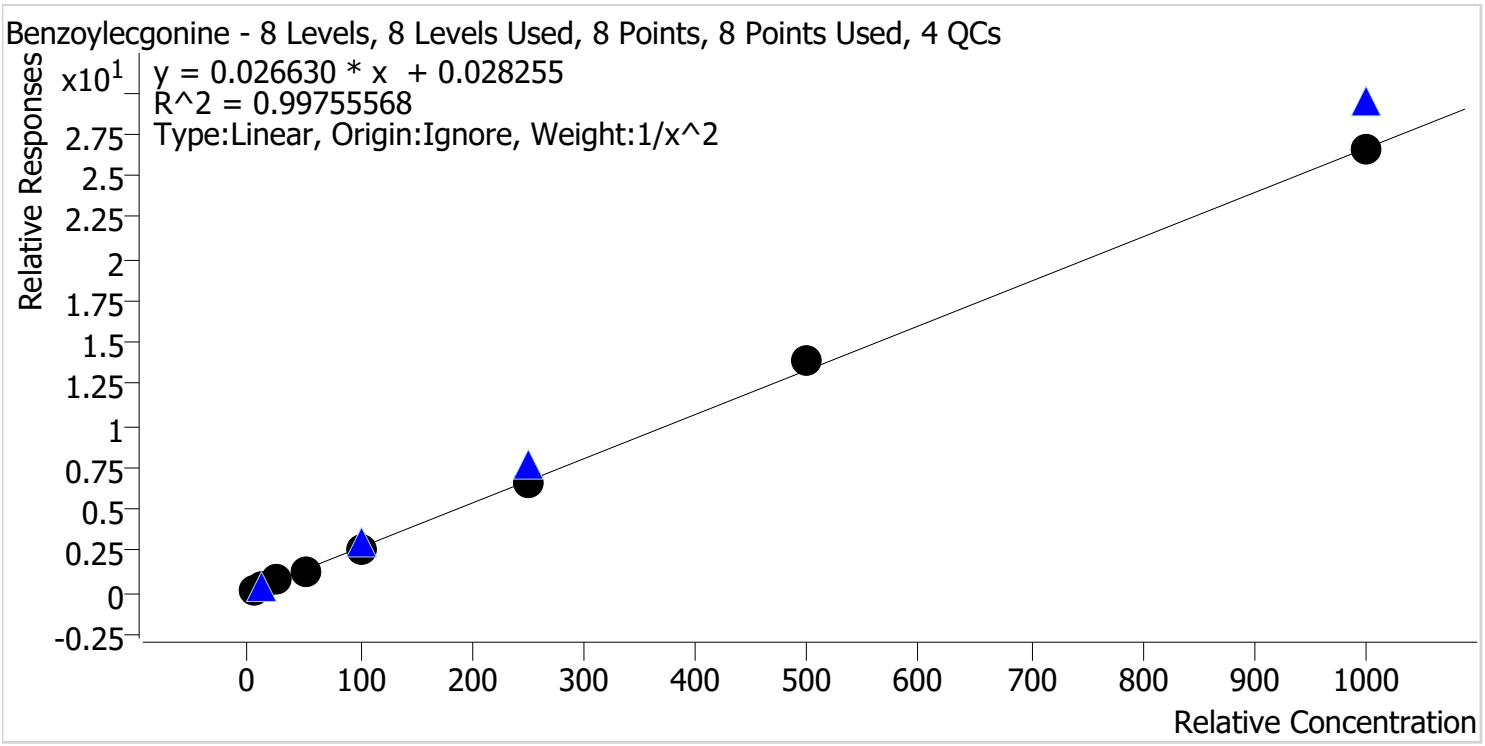


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	4.6	93.0
cal 2 mdq	2	✔	10.0	11.0	109.8
cal 3 mdq	3	✔	25.0	27.1	108.5
cal 4 mdq	4	✔	50.0	54.0	108.1
cal 5 mdq	5	✔	100.0	99.1	99.1
cal 6 mdq	6	✔	250.0	203.7	81.5
cal 7 mdq	7	✗	500.0	293.6	58.7
cal 8 mdq	8	✗	1000.0	423.5	42.3

cal 7 and cal 8 dropped due to accuracy

Compound Calibration Report

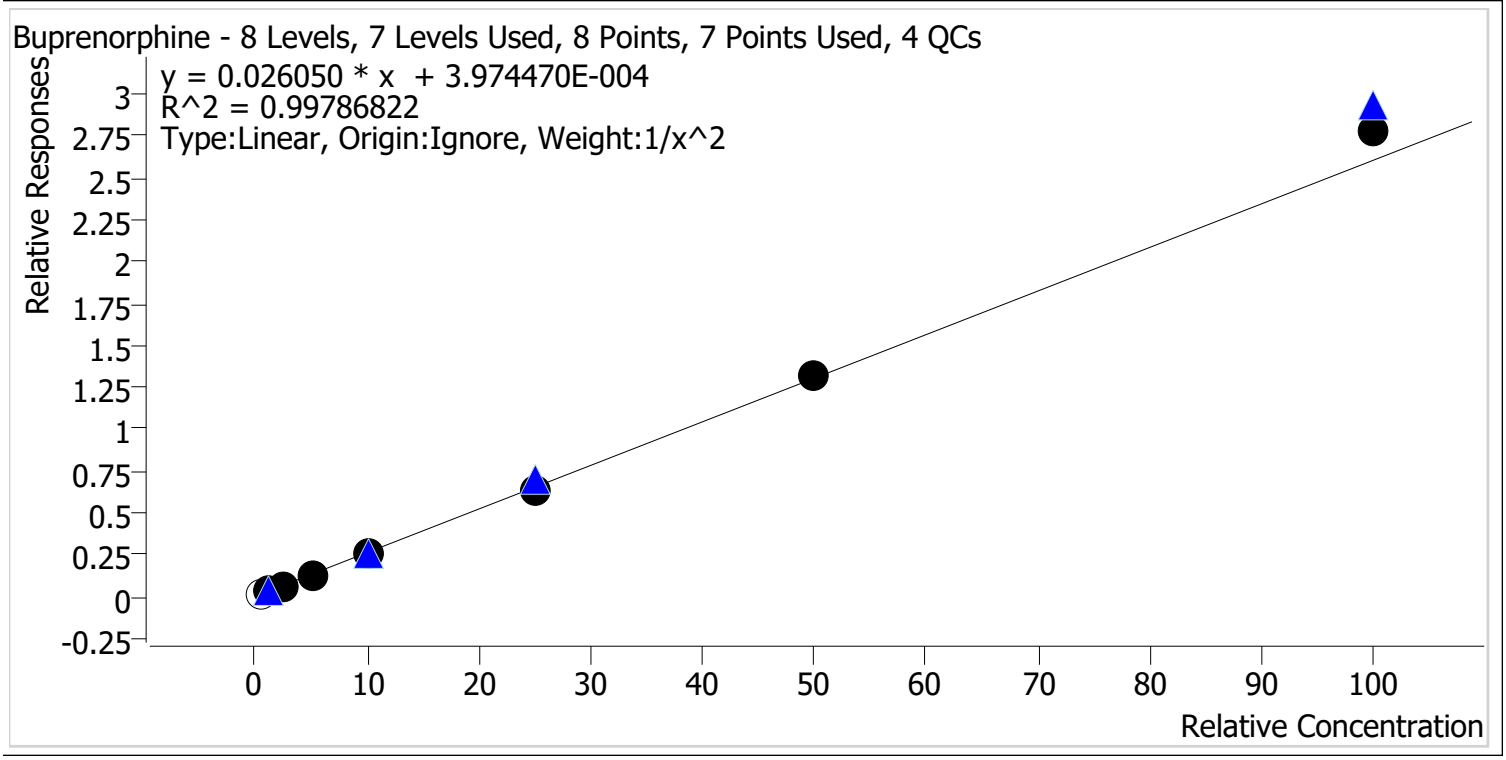
Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	7/1/2021 1:28 PM
Analyst Name	ISP\datastor
Analyte	Benzoylecgonine
Internal Standard	Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	4.9	97.1
cal 2 mdq	2	✔	10.0	10.8	107.8
cal 3 mdq	3	✔	25.0	24.4	97.6
cal 4 mdq	4	✔	50.0	47.6	95.3
cal 5 mdq	5	✔	100.0	98.8	98.8
cal 6 mdq	6	✔	250.0	245.3	98.1
cal 7 mdq	7	✔	500.0	525.6	105.1
cal 8 mdq	8	✔	1000.0	1001.3	100.1

Compound Calibration Report

Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Buprenorphine
Internal Standard	Buprenorphine-D4

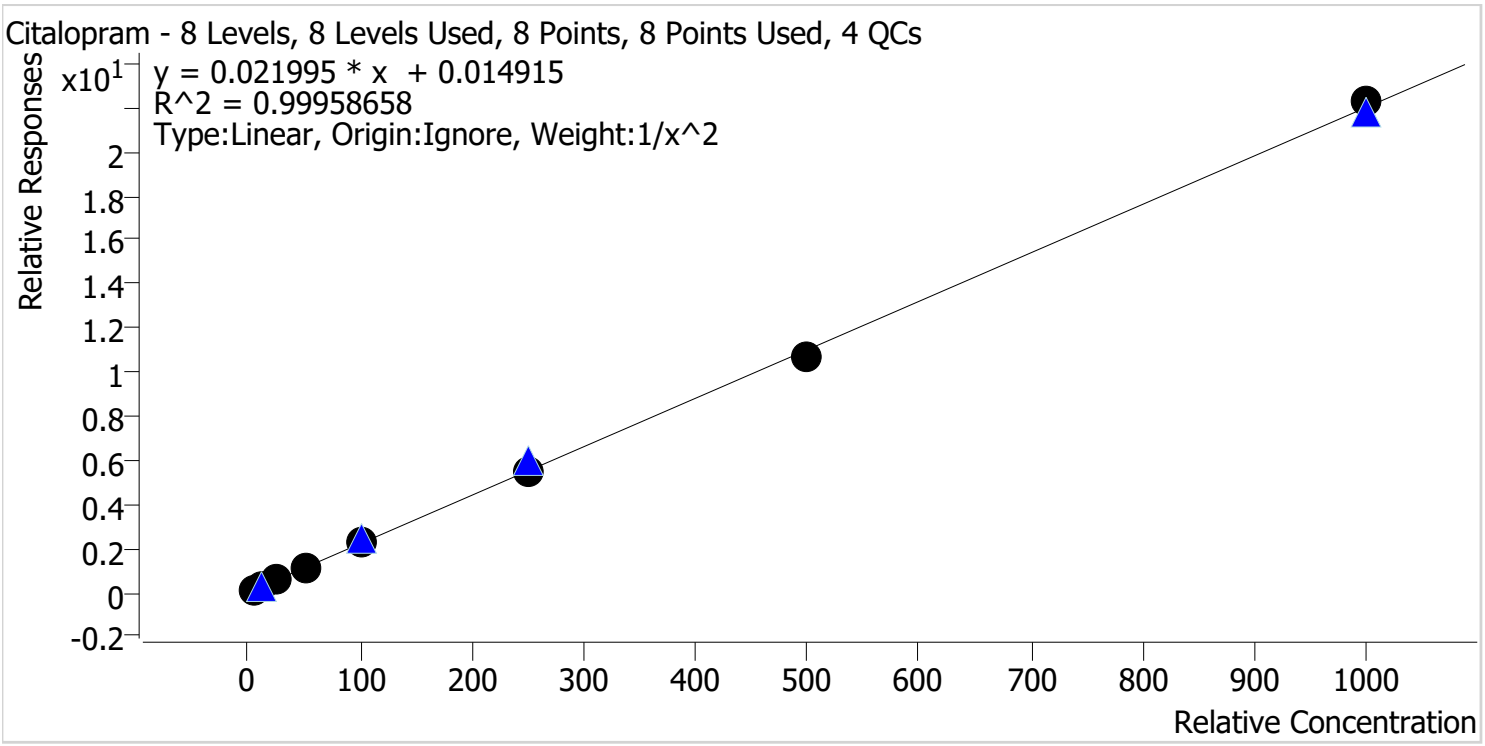


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✗	0.5	0.6	111.0
cal 2 mdq	2	✔	1.0	1.0	100.7
cal 3 mdq	3	✔	2.5	2.5	101.1
cal 4 mdq	4	✔	5.0	4.8	95.2
cal 5 mdq	5	✔	10.0	9.9	99.1
cal 6 mdq	6	✔	25.0	23.9	95.7
cal 7 mdq	7	✔	50.0	50.6	101.3
cal 8 mdq	8	✔	100.0	107.0	107.0

cal 1 dropped ratio out of range

Compound Calibration Report

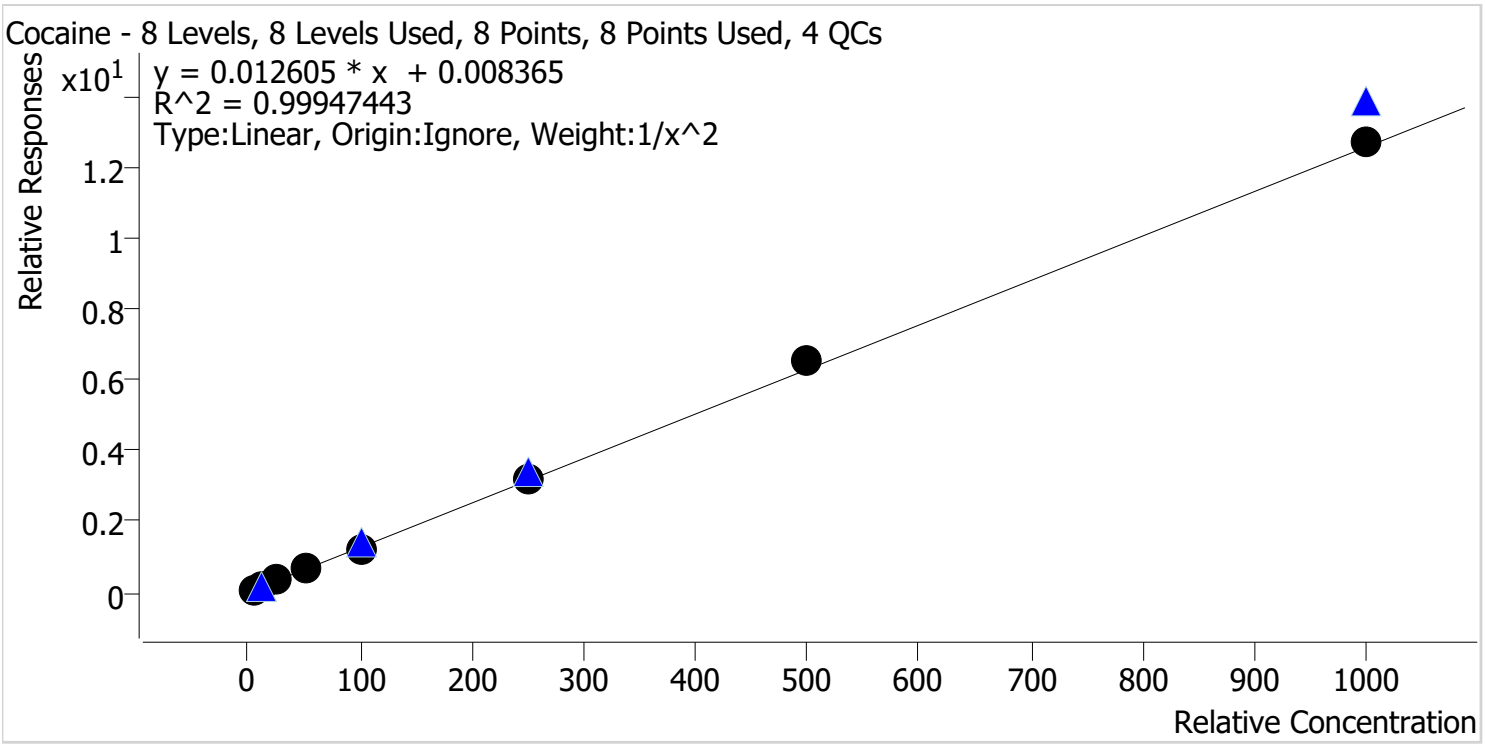
Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Citalopram
Internal Standard	Citalopram-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.1	101.0
cal 2 mdq	2	✔	10.0	9.8	97.8
cal 3 mdq	3	✔	25.0	24.8	99.4
cal 4 mdq	4	✔	50.0	50.6	101.3
cal 5 mdq	5	✔	100.0	101.7	101.7
cal 6 mdq	6	✔	250.0	251.7	100.7
cal 7 mdq	7	✔	500.0	484.8	97.0
cal 8 mdq	8	✔	1000.0	1012.0	101.2

Compound Calibration Report

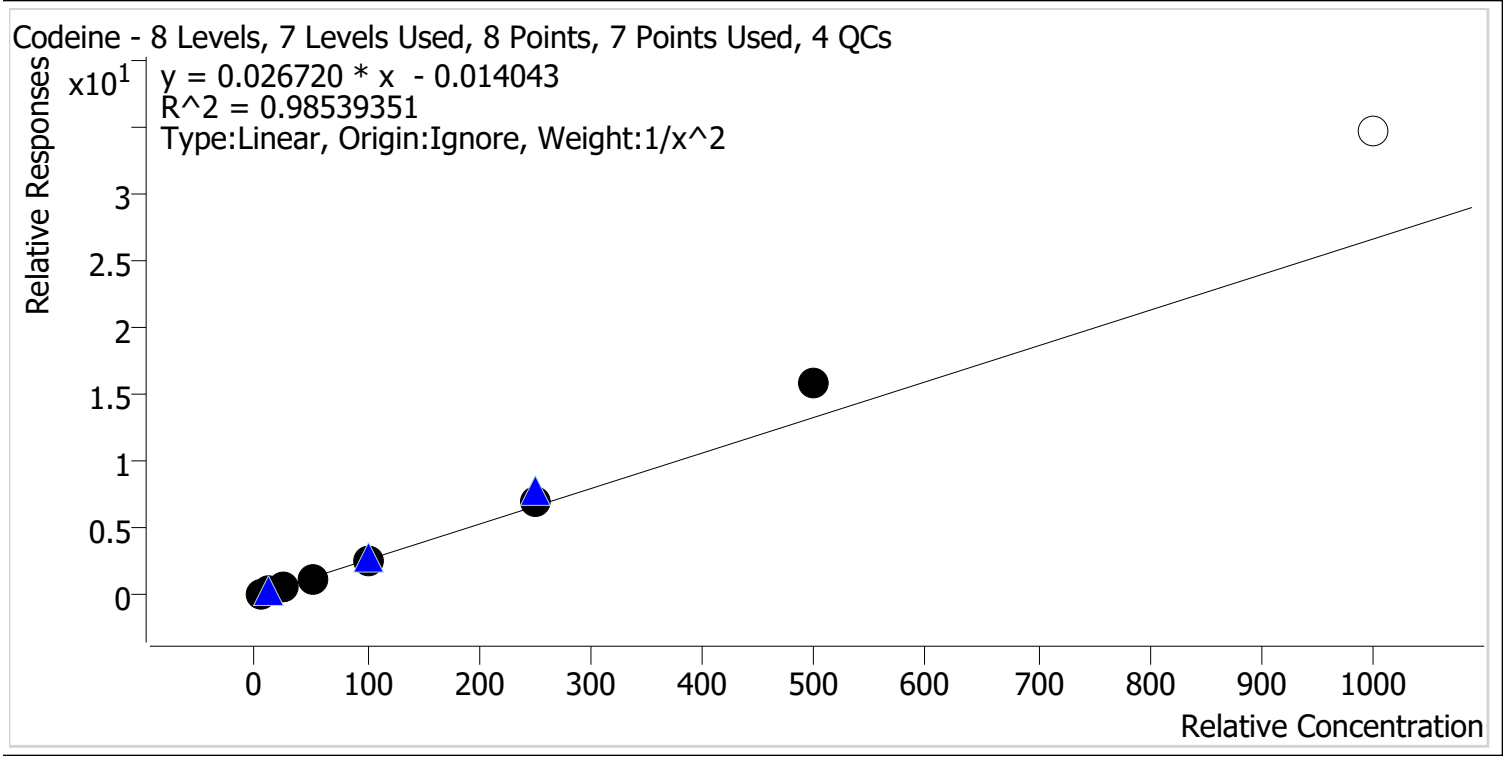
Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update 6/30/2021 12:53 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.1	101.4
cal 2 mdq	2	✔	10.0	9.8	98.1
cal 3 mdq	3	✔	25.0	24.5	98.2
cal 4 mdq	4	✔	50.0	49.8	99.7
cal 5 mdq	5	✔	100.0	97.9	97.9
cal 6 mdq	6	✔	250.0	250.5	100.2
cal 7 mdq	7	✔	500.0	518.5	103.7
cal 8 mdq	8	✔	1000.0	1008.0	100.8

Compound Calibration Report

Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Codeine
Internal Standard	Codeine-D6

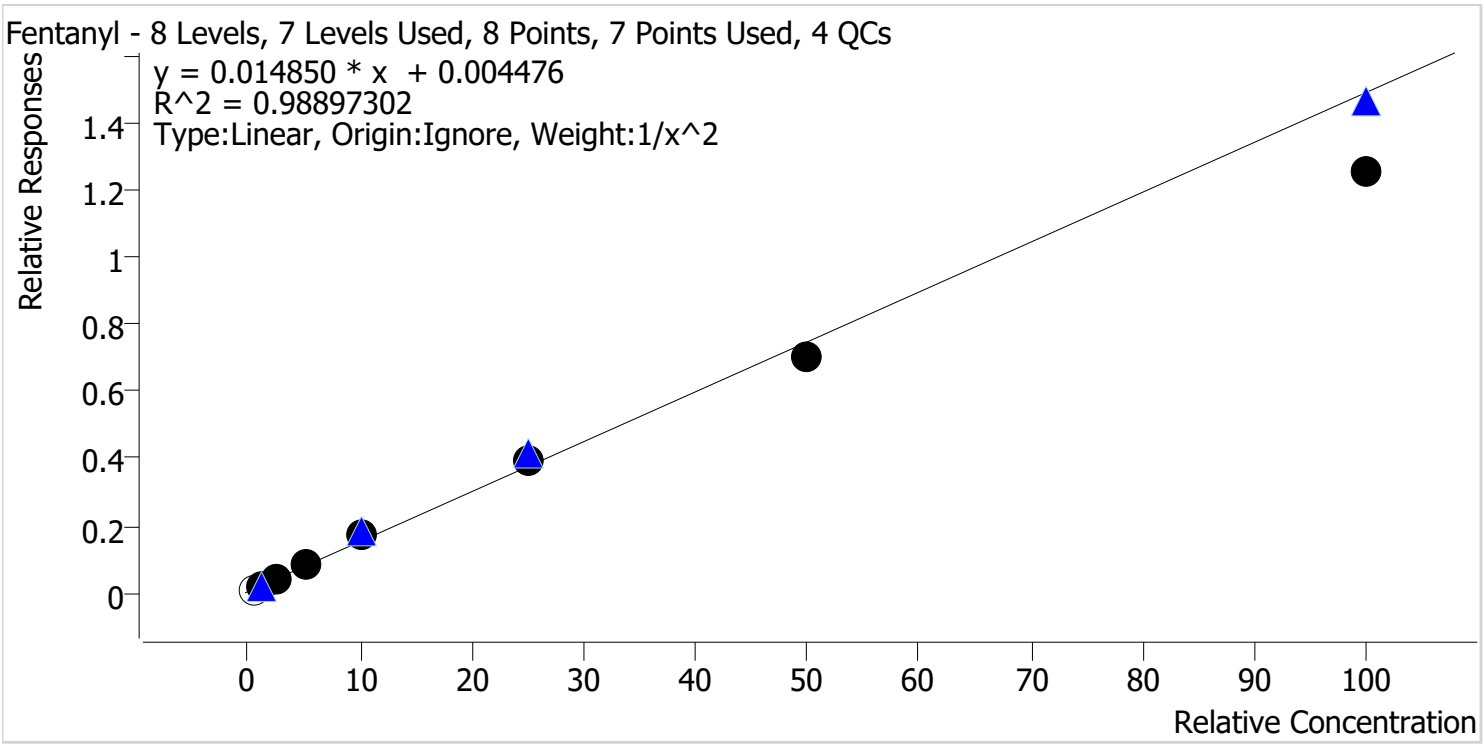


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.3	105.1
cal 2 mdq	2	✔	10.0	9.5	95.2
cal 3 mdq	3	✔	25.0	22.7	90.9
cal 4 mdq	4	✔	50.0	45.6	91.1
cal 5 mdq	5	✔	100.0	94.2	94.2
cal 6 mdq	6	✔	250.0	260.0	104.0
cal 7 mdq	7	✔	500.0	596.9	119.4
cal 8 mdq	8	✗	1000.0	1303.6	130.4

Cal 8 dropped due to accuracy

Compound Calibration Report

Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Fentanyl
Internal Standard	Fentanyl-D5

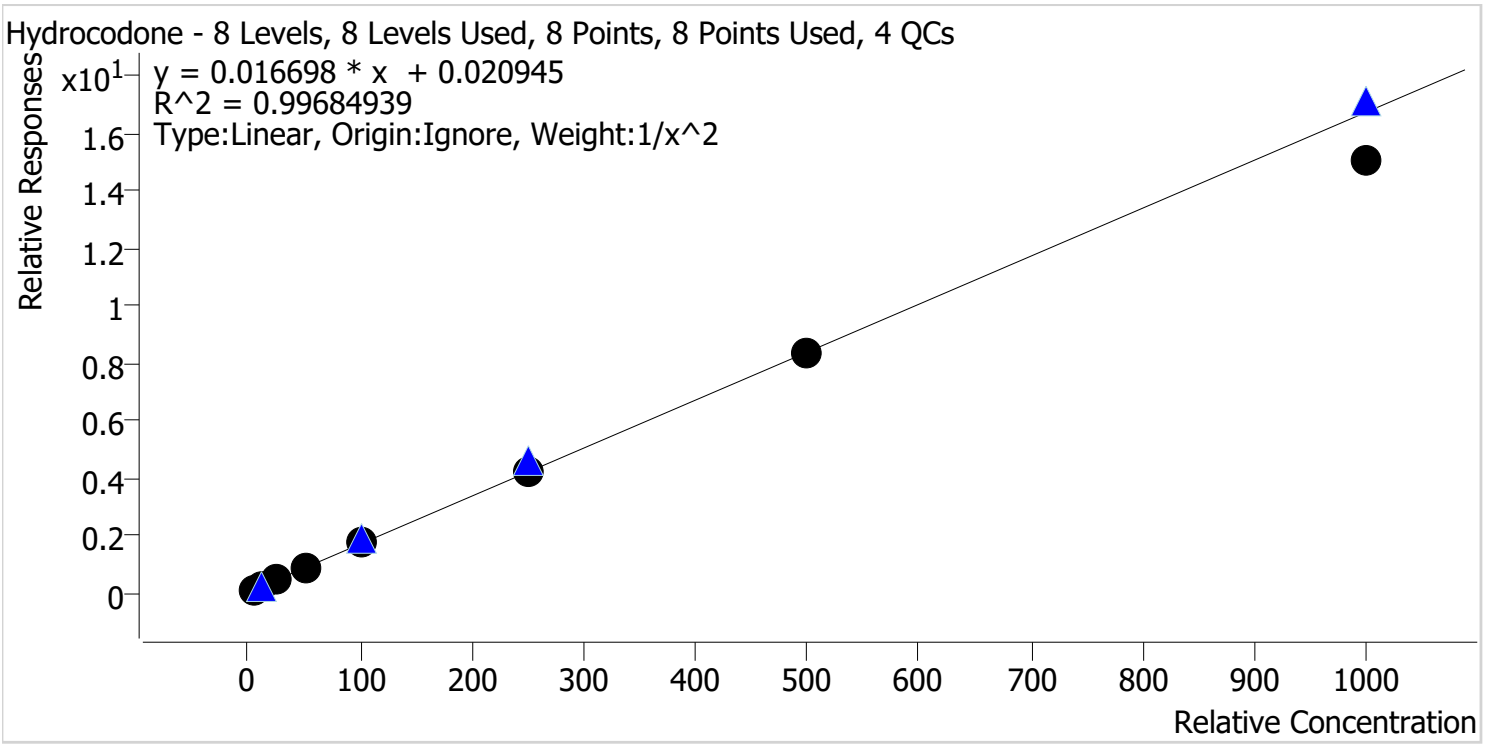


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✗	0.5	0.3	65.1
cal 2 mdq	2	✔	1.0	1.0	95.8
cal 3 mdq	3	✔	2.5	2.6	105.7
cal 4 mdq	4	✔	5.0	5.2	104.9
cal 5 mdq	5	✔	10.0	11.1	111.0
cal 6 mdq	6	✔	25.0	26.0	104.0
cal 7 mdq	7	✔	50.0	47.2	94.4
cal 8 mdq	8	✔	100.0	84.2	84.2

cal 1 dropped ratio out of range

Compound Calibration Report

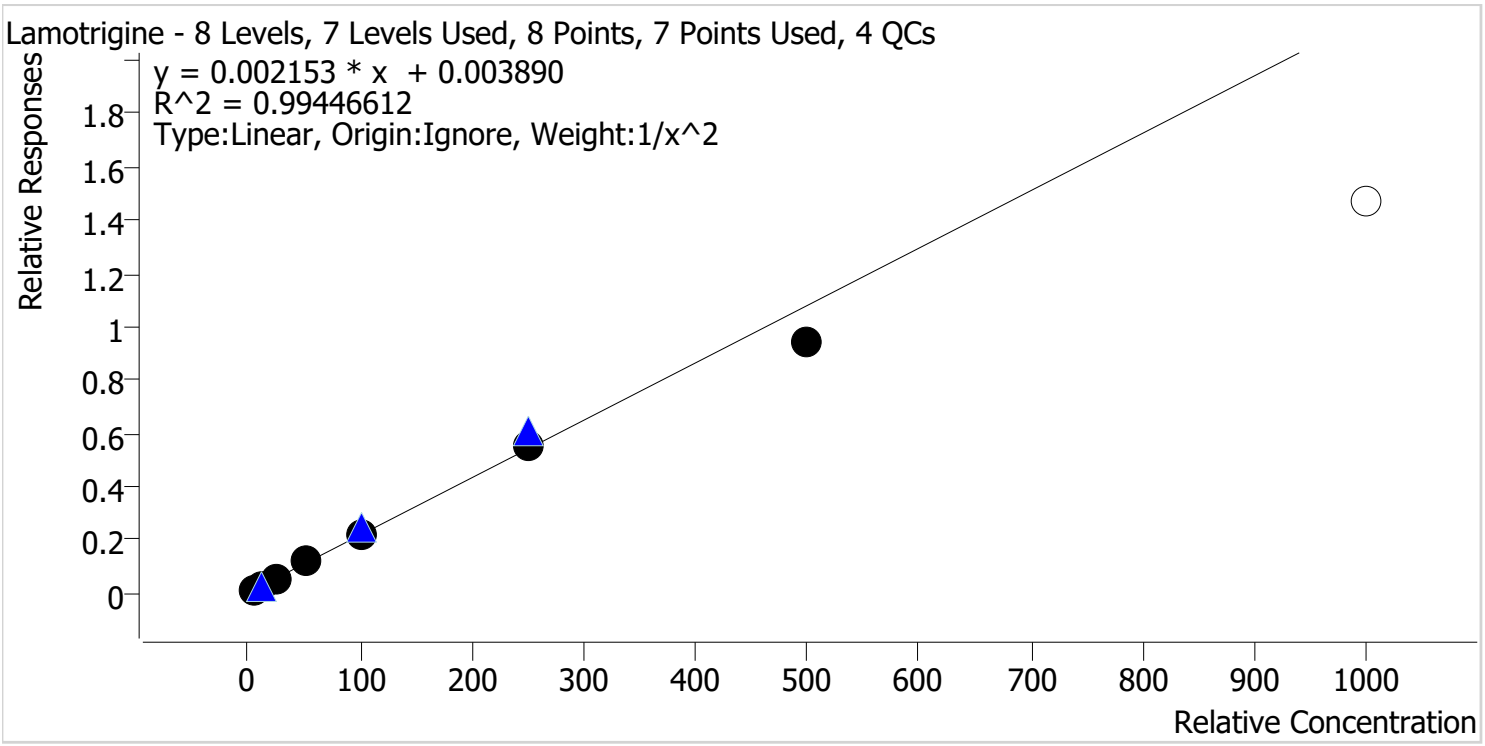
Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Hydrocodone
Internal Standard	Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	4.8	96.7
cal 2 mdq	2	✔	10.0	10.4	103.7
cal 3 mdq	3	✔	25.0	26.3	105.3
cal 4 mdq	4	✔	50.0	52.1	104.1
cal 5 mdq	5	✔	100.0	101.2	101.2
cal 6 mdq	6	✔	250.0	248.6	99.4
cal 7 mdq	7	✔	500.0	496.4	99.3
cal 8 mdq	8	✔	1000.0	902.9	90.3

Compound Calibration Report

Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Lamotrigine
Internal Standard	MDA-D5

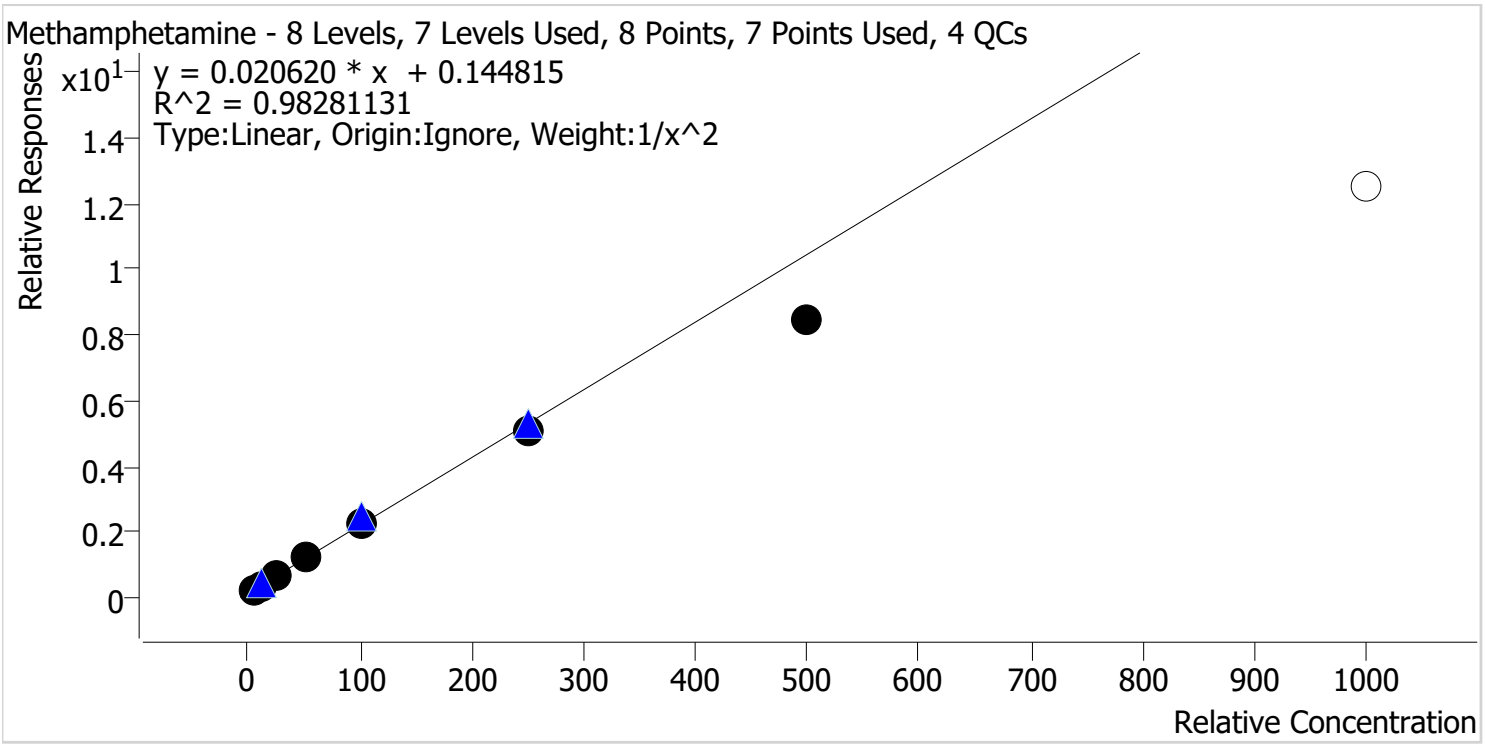


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	4.8	96.7
cal 2 mdq	2	✔	10.0	10.4	104.2
cal 3 mdq	3	✔	25.0	25.8	103.2
cal 4 mdq	4	✔	50.0	52.7	105.5
cal 5 mdq	5	✔	100.0	101.1	101.1
cal 6 mdq	6	✔	250.0	255.3	102.1
cal 7 mdq	7	✔	500.0	435.9	87.2
cal 8 mdq	8	✗	1000.0	679.7	68.0

cal 8 dropped due to accuracy

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update 6/30/2021 12:53 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

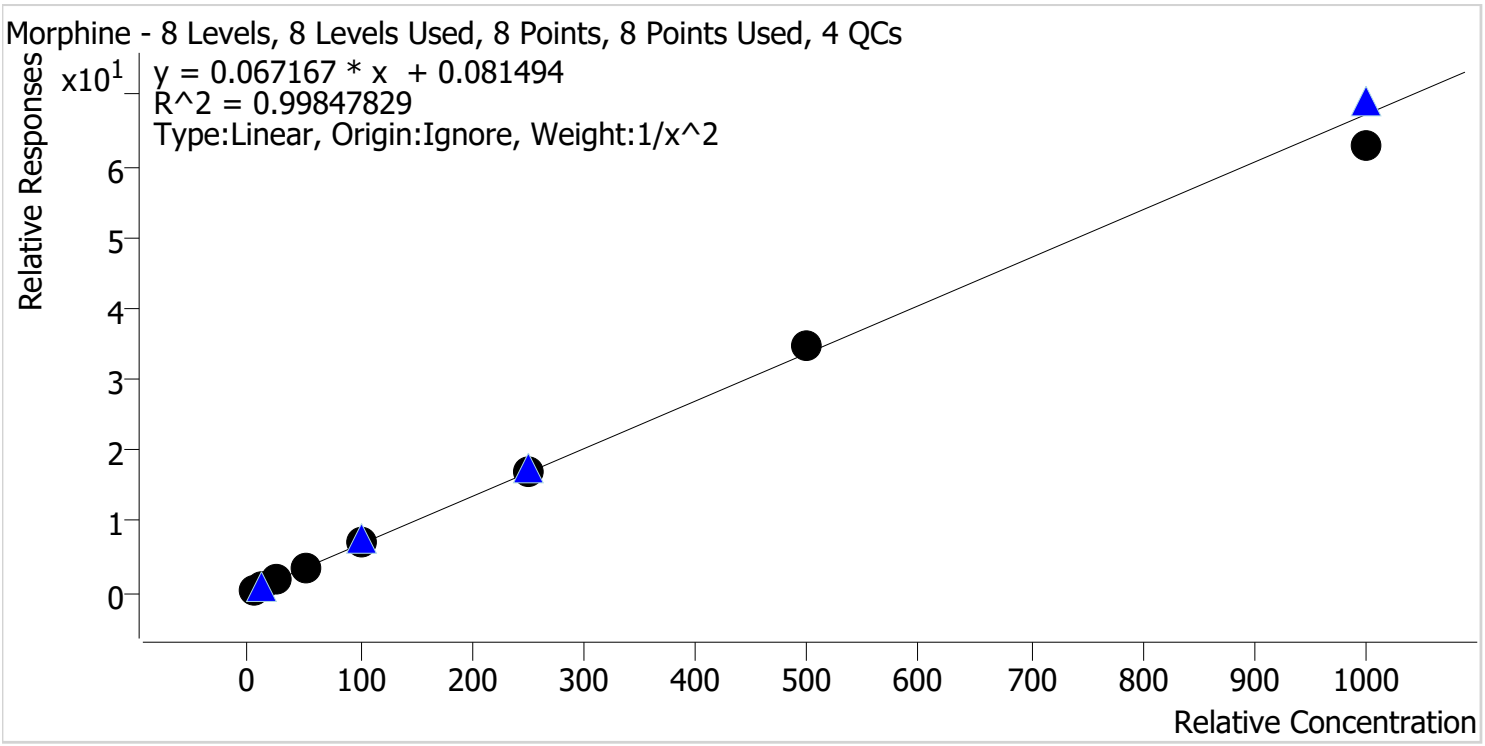


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	4.6	92.6
cal 2 mdq	2	✔	10.0	11.0	109.8
cal 3 mdq	3	✔	25.0	27.0	108.1
cal 4 mdq	4	✔	50.0	55.0	110.0
cal 5 mdq	5	✔	100.0	104.5	104.5
cal 6 mdq	6	✔	250.0	236.5	94.6
cal 7 mdq	7	✔	500.0	402.1	80.4
cal 8 mdq	8	✗	1000.0	600.9	60.1

cal 8 dropped due to accuracy

Compound Calibration Report

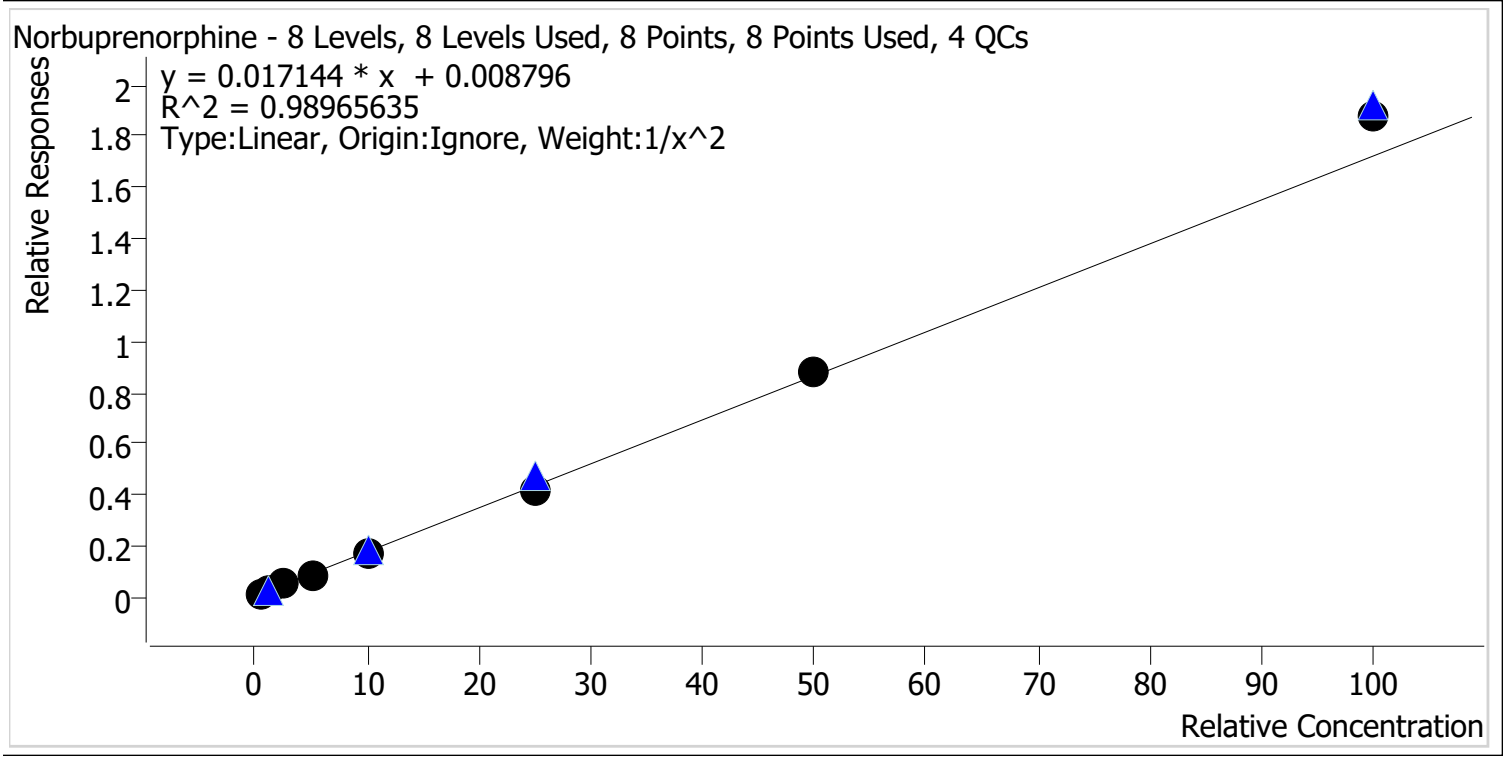
Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Morphine
Internal Standard	Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.0	99.3
cal 2 mdq	2	✔	10.0	10.0	99.6
cal 3 mdq	3	✔	25.0	26.2	104.9
cal 4 mdq	4	✔	50.0	49.6	99.2
cal 5 mdq	5	✔	100.0	101.1	101.1
cal 6 mdq	6	✔	250.0	248.2	99.3
cal 7 mdq	7	✔	500.0	516.1	103.2
cal 8 mdq	8	✔	1000.0	934.3	93.4

Compound Calibration Report

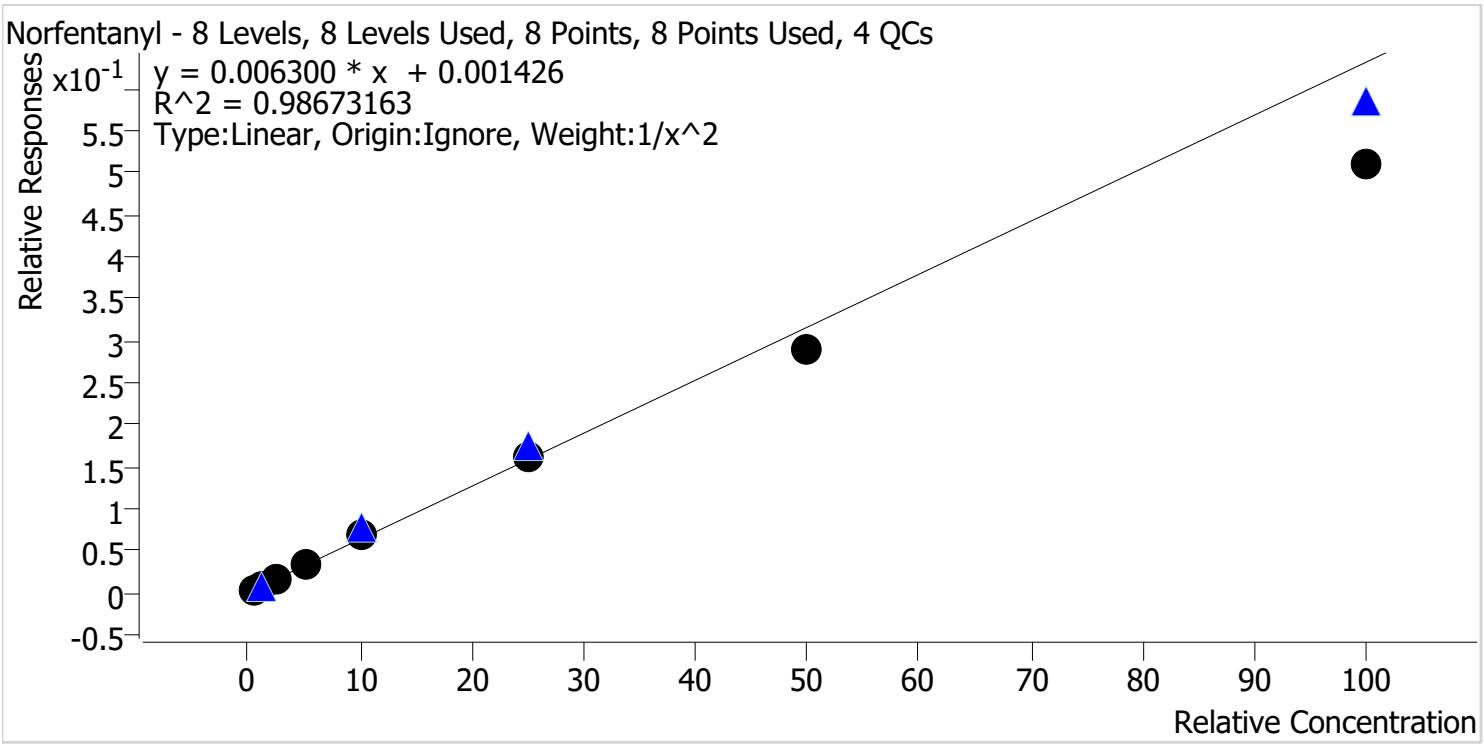
Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Norbuprenorphine
Internal Standard	Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	0.5	0.5	93.3
cal 2 mdq	2	✔	1.0	1.1	114.4
cal 3 mdq	3	✔	2.5	2.6	105.0
cal 4 mdq	4	✔	5.0	4.4	89.0
cal 5 mdq	5	✔	10.0	9.3	92.6
cal 6 mdq	6	✔	25.0	24.0	95.9
cal 7 mdq	7	✔	50.0	50.5	101.0
cal 8 mdq	8	✔	100.0	108.8	108.8

Compound Calibration Report

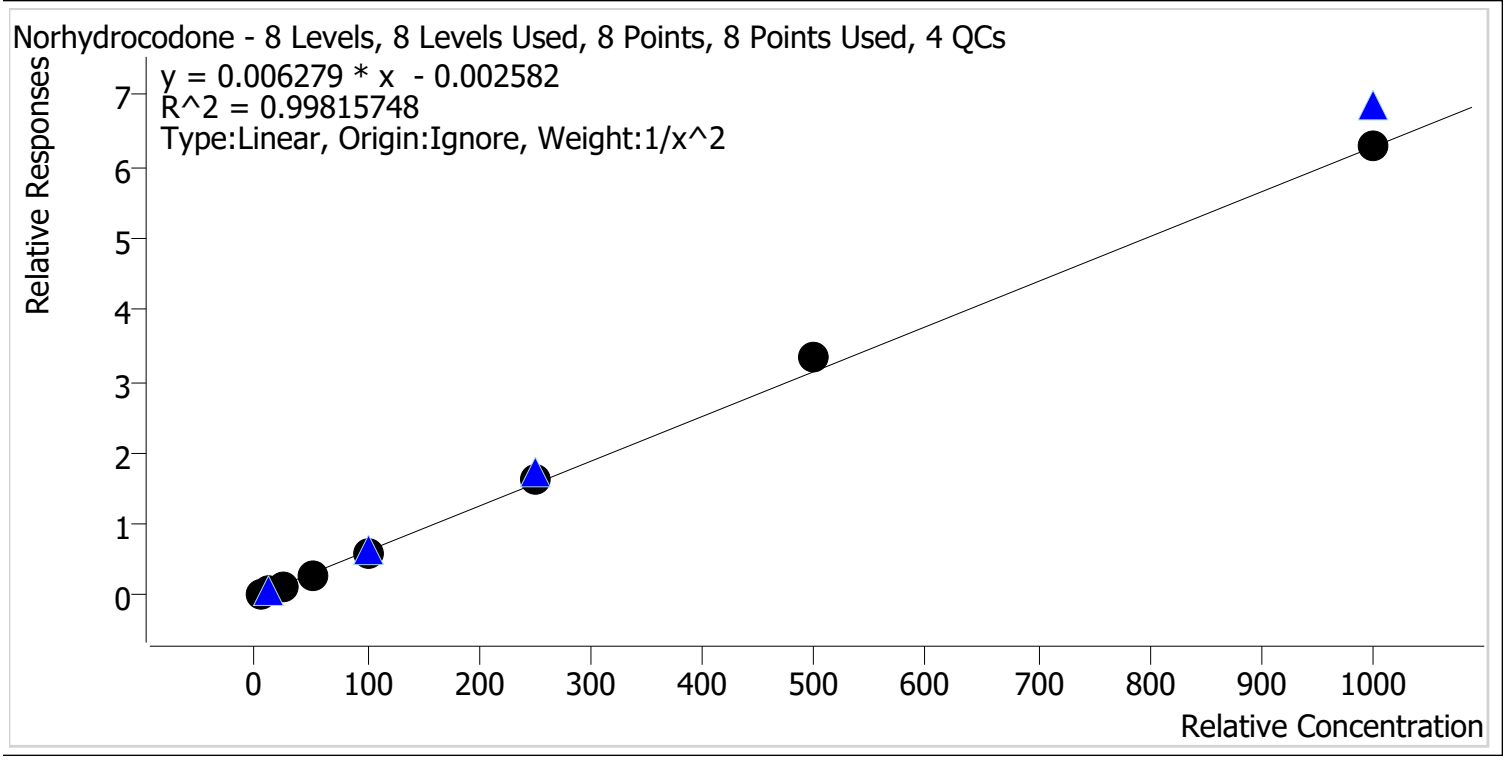
Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Norfentanyl
Internal Standard	Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	0.5	0.5	94.4
cal 2 mdq	2	✔	1.0	1.1	106.2
cal 3 mdq	3	✔	2.5	2.7	106.3
cal 4 mdq	4	✔	5.0	5.5	110.4
cal 5 mdq	5	✔	10.0	10.7	107.0
cal 6 mdq	6	✔	25.0	25.7	103.0
cal 7 mdq	7	✔	50.0	46.0	92.0
cal 8 mdq	8	✔	100.0	80.8	80.8

Compound Calibration Report

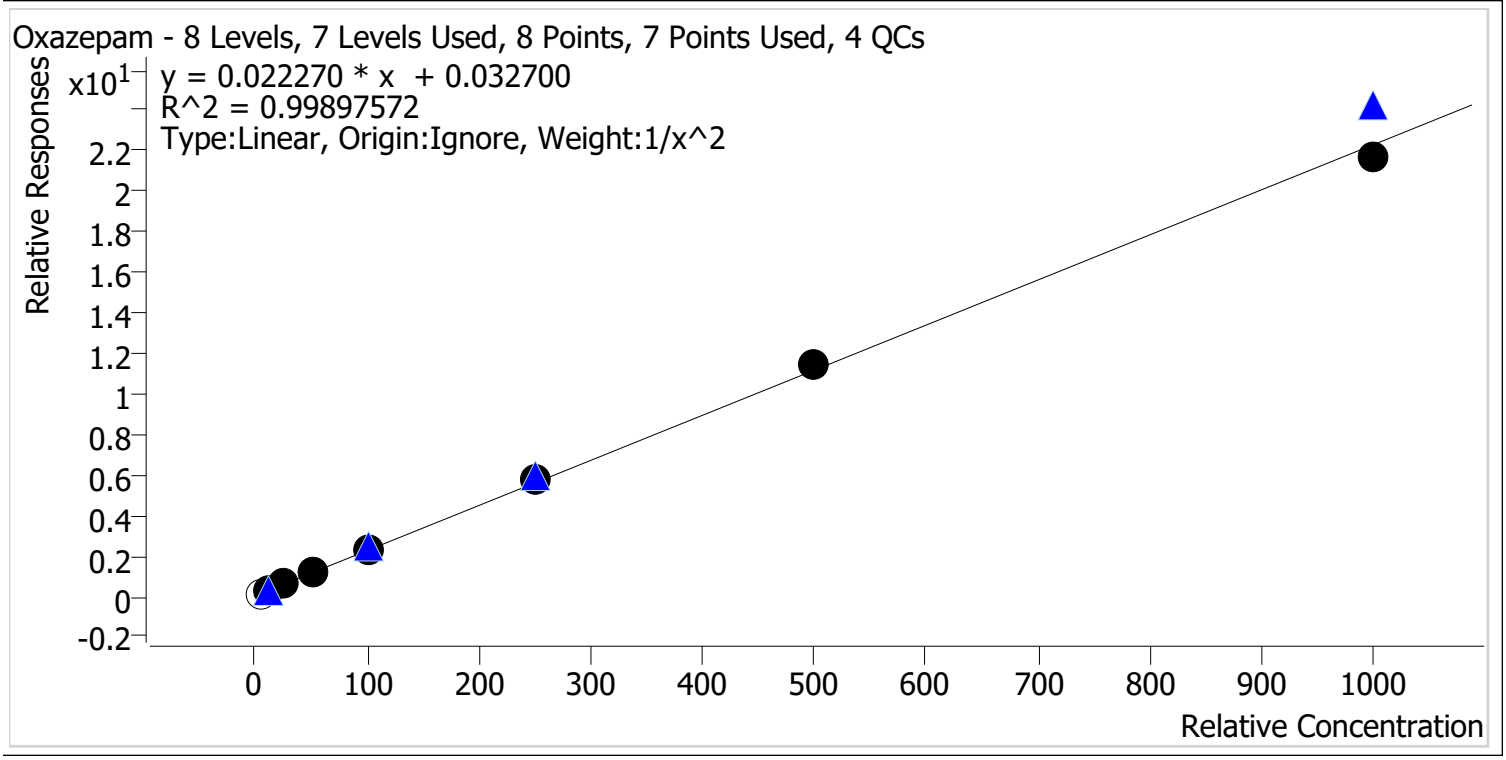
Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Norhydrocodone
Internal Standard	Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.1	101.6
cal 2 mdq	2	✔	10.0	9.9	98.7
cal 3 mdq	3	✔	25.0	24.3	97.1
cal 4 mdq	4	✔	50.0	48.6	97.2
cal 5 mdq	5	✔	100.0	95.5	95.5
cal 6 mdq	6	✔	250.0	255.6	102.3
cal 7 mdq	7	✔	500.0	535.7	107.1
cal 8 mdq	8	✔	1000.0	1005.1	100.5

Compound Calibration Report

Batch results	D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Last Cal. Update	6/30/2021 12:53 PM
Analyst Name	ISP\datastor
Analyte	Oxazepam
Internal Standard	Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✗	5.0	4.3	85.0
cal 2 mdq	2	✔	10.0	10.1	101.4
cal 3 mdq	3	✔	25.0	24.4	97.6
cal 4 mdq	4	✔	50.0	48.8	97.6
cal 5 mdq	5	✔	100.0	98.8	98.8
cal 6 mdq	6	✔	250.0	260.7	104.3
cal 7 mdq	7	✔	500.0	513.1	102.6
cal 8 mdq	8	✔	1000.0	976.9	97.7

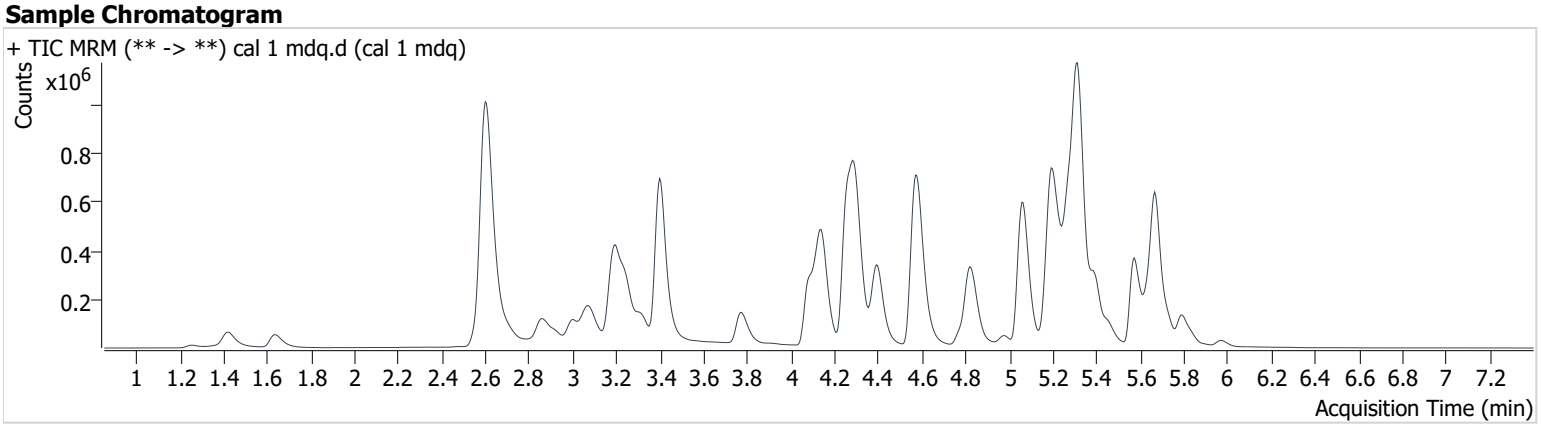
Cal 1 dropped ratio out of range

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	cal 1 mdq.d
Type	Cal	**Sample**	cal 1 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-A5	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 1:27:23 PM		
Sample Info.			

Sample Chromatogram



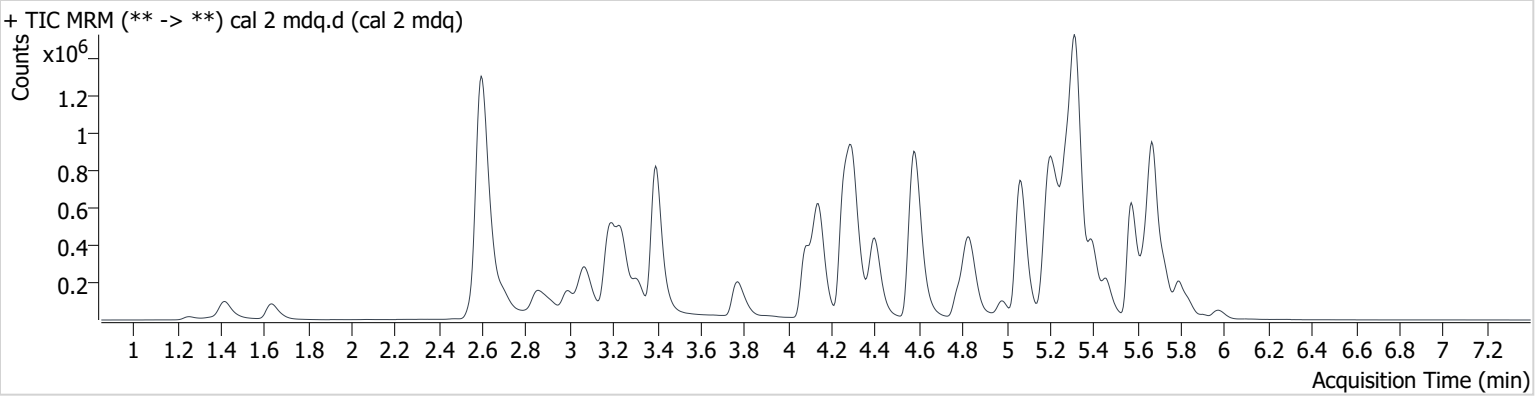
Name	RT	Resp.	S/N	Ratio		S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.078	137929	2097.1	47.2		856.8	390993	4.650	ng/ml
Benzoylecgonine	3.931	1836	52.0	52.2		∞	11659	4.854	ng/ml
Buprenorphine	6.000	445	957.9	21.3	**High**	210.2	29983	0.555	ng/ml
Citalopram	5.248	73227	2684.4	41.8		18036.1	581151	5.051	ng/ml
Cocaine	4.296	110506	∞	47.1		∞	1528902	5.070	ng/ml
Codeine	2.664	11837	44671.6	86.4		23559.2	93662	5.255	ng/ml
Fentanyl	5.190	7698	38510.7	170.4	**High**	8646.9	827152	0.325	ng/ml
Hydrocodone	3.085	30315	∞	37.3		∞	298211	4.834	ng/ml
Lamotrigine	4.355	5785	1366.7	89.9		∞	404430	4.837	ng/ml
Methamphetamine	3.252	289803	183.5	41.7		∞	1206300	4.628	ng/ml
Morphine	1.266	4847	∞	17.7		∞	11683	4.964	ng/ml
Norbuprenorphine	5.014	185	100.1	98.4		231.7	10996	0.466	ng/ml
Norfentanyl	4.103	3926	∞	35.5		∞	892760	0.472	ng/ml
Norhydrocodone	3.100	2701	∞	30.4		∞	92120	5.081	ng/ml
Oxazepam	5.776	1570	10.7	53.6	**Low**	263.9	12149	4.334	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	cal 2 mdq.d
Type	Cal	**Sample**	cal 2 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-B5	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 1:36:25 PM		
Sample Info.			

Sample Chromatogram



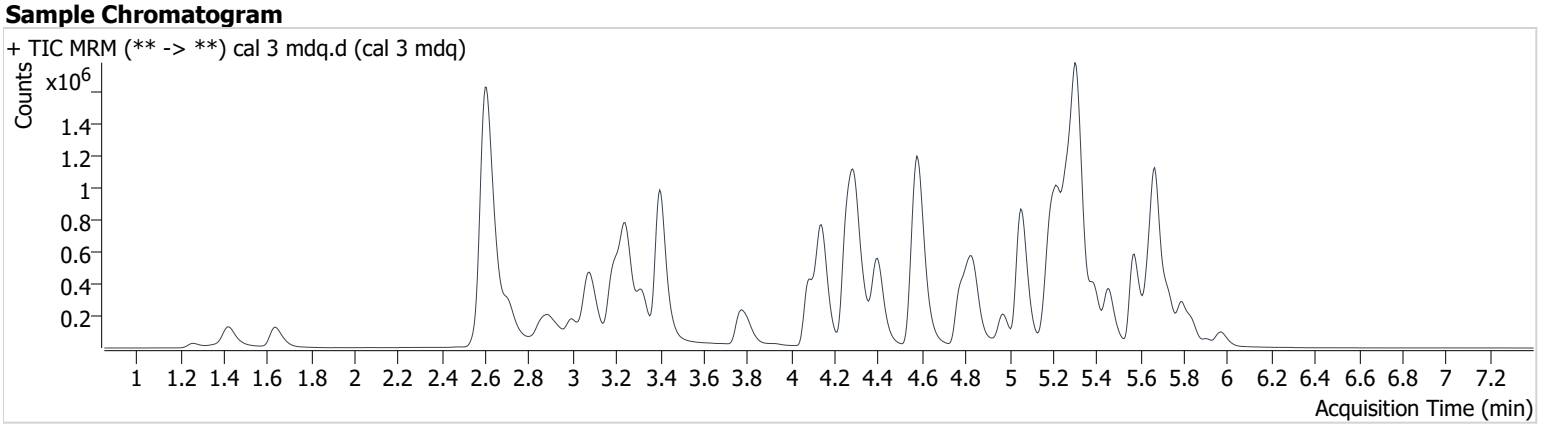
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.073	345908	3025.7	47.4	1614.2	532874	10.982	ng/ml
Benzoylecgonine	3.931	4440	59251.2	46.7	207.9	14075	10.784	ng/ml
Buprenorphine	6.011	1480	∞	14.7	394.7	55592	1.007	ng/ml
Citalopram	5.248	163633	8046.4	43.3	88641.9	711240	9.782	ng/ml
Cocaine	4.296	224888	584601.5	47.4	198499.4	1703510	9.809	ng/ml
Codeine	2.649	27371	57127.5	89.2	∞	113869	9.522	ng/ml
Fentanyl	5.196	20521	∞	149.9	60135.9	1097618	0.958	ng/ml
Hydrocodone	3.080	73401	∞	35.4	∞	378056	10.373	ng/ml
Lamotrigine	4.350	14293	36965.7	84.7	1986.5	542845	10.422	ng/ml
Methamphetamine	3.247	530942	591.4	40.5	479.6	1430149	10.981	ng/ml
Morphine	1.261	11175	57739.0	15.3	∞	14894	9.957	ng/ml
Norbuprenorphine	5.024	639	1195.3	79.1	607.5	22474	1.144	ng/ml
Norfentanyl	4.103	10116	5592.4	35.5	∞	1246131	1.062	ng/ml
Norhydrocodone	3.095	7124	∞	27.3	∞	119943	9.871	ng/ml
Oxazepam	5.776	5462	1405.3	80.5	∞	21137	10.136	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	cal 3 mdq.d
Type	Cal	**Sample**	cal 3 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-C5	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 1:45:27 PM		
Sample Info.			

Sample Chromatogram



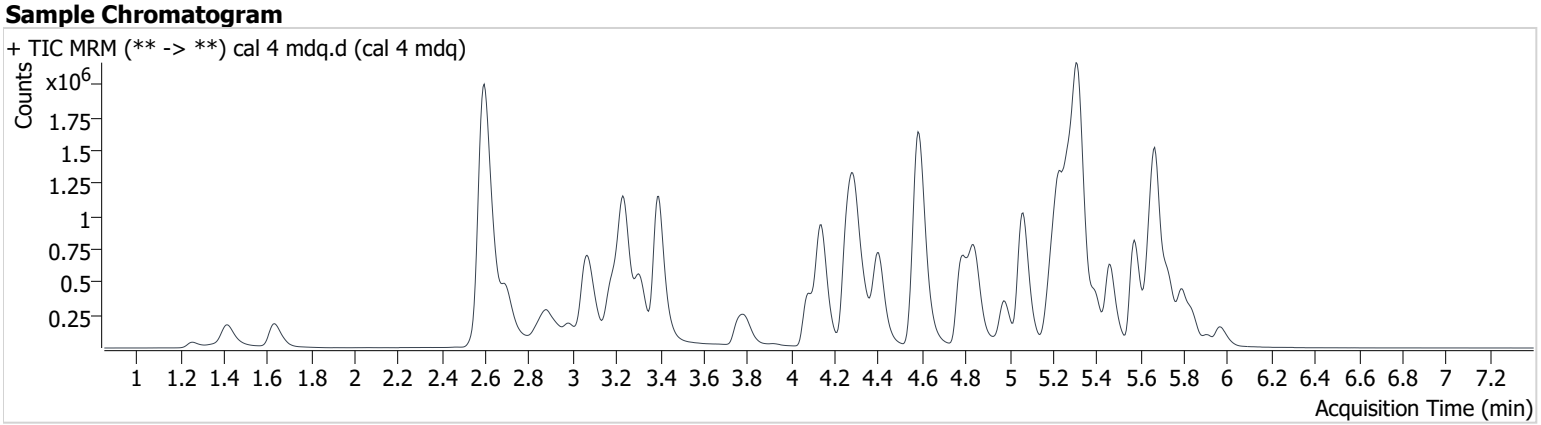
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.078	795996	7818.4	46.1	2553.6	566543	27.131	ng/ml
Benzoylecgonine	3.931	10427	∞	56.0	∞	15380	24.397	ng/ml
Buprenorphine	6.016	5572	∞	17.6	7054.3	84167	2.526	ng/ml
Citalopram	5.238	354323	15486.8	41.6	320478.3	631165	24.845	ng/ml
Cocaine	4.291	495097	∞	46.5	∞	1557940	24.547	ng/ml
Codeine	2.659	66052	24755.3	87.9	265506.1	111320	22.732	ng/ml
Fentanyl	5.185	39349	66918.4	136.6	∞	900115	2.642	ng/ml
Hydrocodone	3.085	180779	∞	33.4	∞	392496	26.328	ng/ml
Lamotrigine	4.350	32670	∞	84.9	80859.5	549789	25.791	ng/ml
Methamphetamine	3.252	981017	∞	40.9	∞	1397527	27.020	ng/ml
Morphine	1.266	28047	∞	17.9	∞	15222	26.218	ng/ml
Norbuprenorphine	5.014	1318	5267.9	80.9	1353816775 7073.5	24490	2.625	ng/ml
Norfentanyl	4.103	24275	1696.2	34.2	121696.2	1336488	2.657	ng/ml
Norhydrocodone	3.101	18227	∞	27.1	∞	121674	24.271	ng/ml
Oxazepam	5.776	18124	8031.3	70.4	∞	31464	24.397	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	cal 4 mdq.d
Type	Cal	**Sample**	cal 4 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-D5	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 1:54:28 PM		
Sample Info.			

Sample Chromatogram



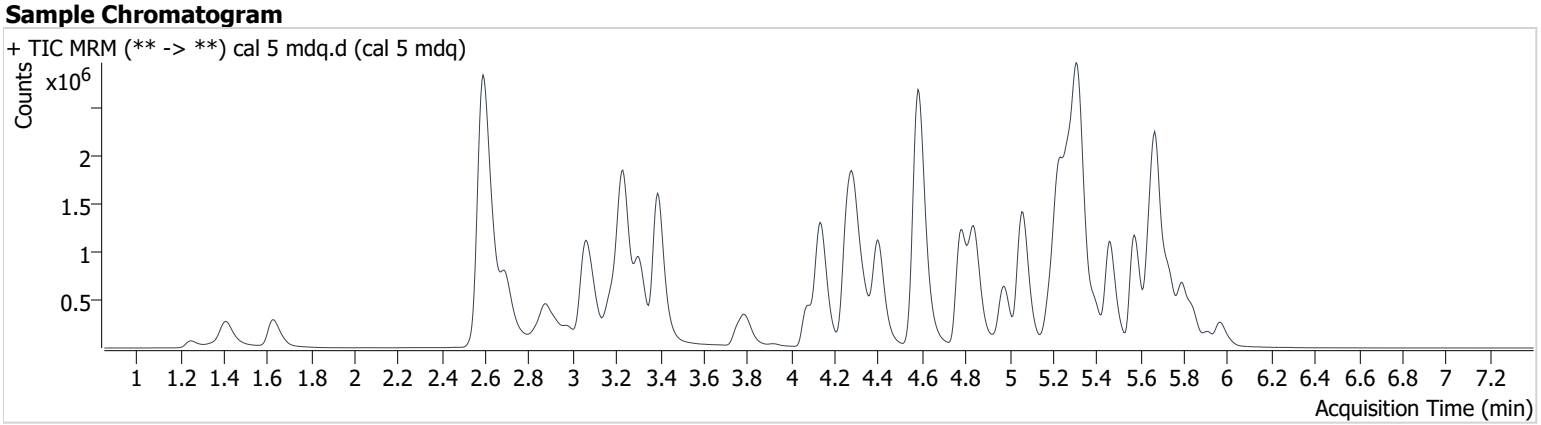
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.062	1407143	∞	45.8	114709.2	528098	54.041	ng/ml
Benzoylecgonine	3.926	18989	∞	52.4	∞	14641	47.643	ng/ml
Buprenorphine	6.011	12472	25499.4	16.2	3183.9	100210	4.762	ng/ml
Citalopram	5.243	628469	11768.8	40.9	17101.0	556762	50.643	ng/ml
Cocaine	4.291	873830	610532.5	46.4	1593149.3	1372618	49.840	ng/ml
Codeine	2.644	120919	99811.1	88.6	22577.9	100504	45.553	ng/ml
Fentanyl	5.196	70559	26923.7	135.7	96983.7	856888	5.243	ng/ml
Hydrocodone	3.074	324377	∞	35.8	∞	364381	52.057	ng/ml
Lamotrigine	4.345	59133	∞	87.6	∞	503449	52.743	ng/ml
Methamphetamine	3.241	1620956	∞	40.2	∞	1267624	54.991	ng/ml
Morphine	1.261	51480	∞	16.8	∞	15078	49.620	ng/ml
Norbuprenorphine	5.014	2268	∞	96.7	5801.8	26663	4.448	ng/ml
Norfentanyl	4.098	46946	2967713924 0639.9	36.1	∞	1296908	5.520	ng/ml
Norhydrocodone	3.090	34286	∞	25.3	∞	113342	48.591	ng/ml
Oxazepam	5.776	38328	8229.4	74.6	∞	34228	48.815	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	cal 5 mdq.d
Type	Cal	**Sample**	cal 5 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-E5	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 2:03:30 PM		
Sample Info.			

Sample Chromatogram



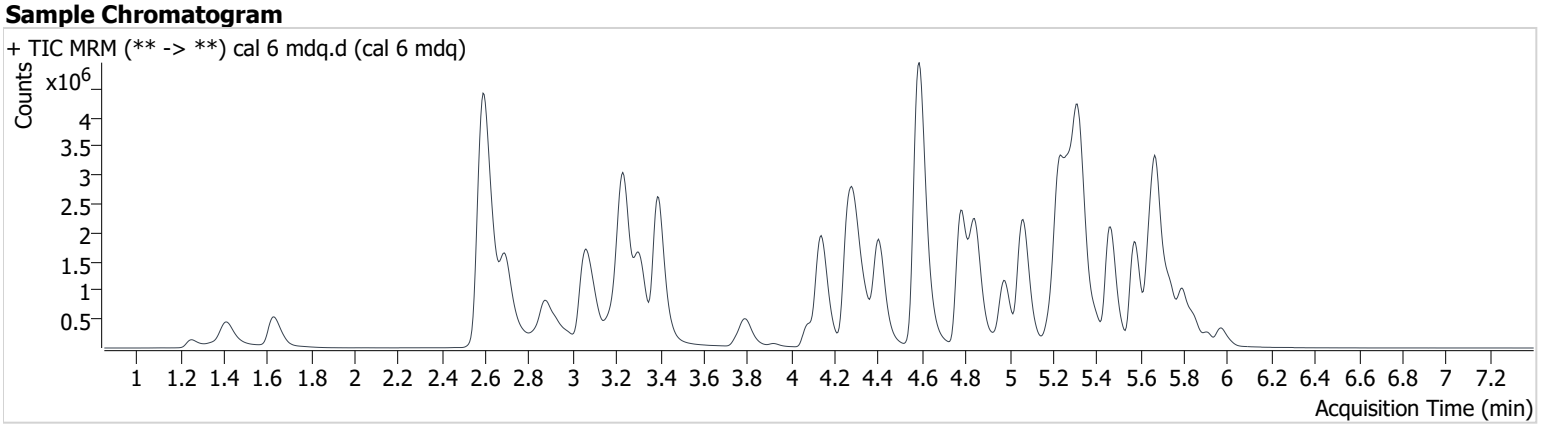
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.062	2565969	23409.0	44.1	23363.9	537448	99.117	ng/ml
Benzoylecgonine	3.921	35250	120808.2	49.3	1205.4	13254	98.810	ng/ml
Buprenorphine	6.016	26670	108614.5	16.9	∞	103202	9.905	ng/ml
Citalopram	5.243	1057354	29731.3	42.8	796786.9	469687	101.673	ng/ml
Cocaine	4.291	1568252	11939275.3	46.5	93762344.8	1262103	97.911	ng/ml
Codeine	2.644	216350	96288.0	89.3	15308.2	86402	94.238	ng/ml
Fentanyl	5.190	137710	23172.3	130.1	1198483.2	813079	11.104	ng/ml
Hydrocodone	3.074	584307	∞	34.1	∞	341663	101.162	ng/ml
Lamotrigine	4.345	101440	6317.8	87.8	∞	457800	101.102	ng/ml
Methamphetamine	3.236	2907606	∞	39.5	∞	1263884	104.544	ng/ml
Morphine	1.251	93786	∞	17.7	∞	13644	101.122	ng/ml
Norbuprenorphine	5.014	4415	3016.5	87.0	15704.6	26357	9.256	ng/ml
Norfentanyl	4.093	92502	58283.0	35.8	6886840886 3540.8	1344327	10.696	ng/ml
Norhydrocodone	3.085	66313	∞	27.8	∞	111070	95.503	ng/ml
Oxazepam	5.776	70239	5002.5	72.9	∞	31449	98.820	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	cal 6 mdq.d
Type	Cal	**Sample**	cal 6 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-F5	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 2:12:32 PM		
Sample Info.			

Sample Chromatogram



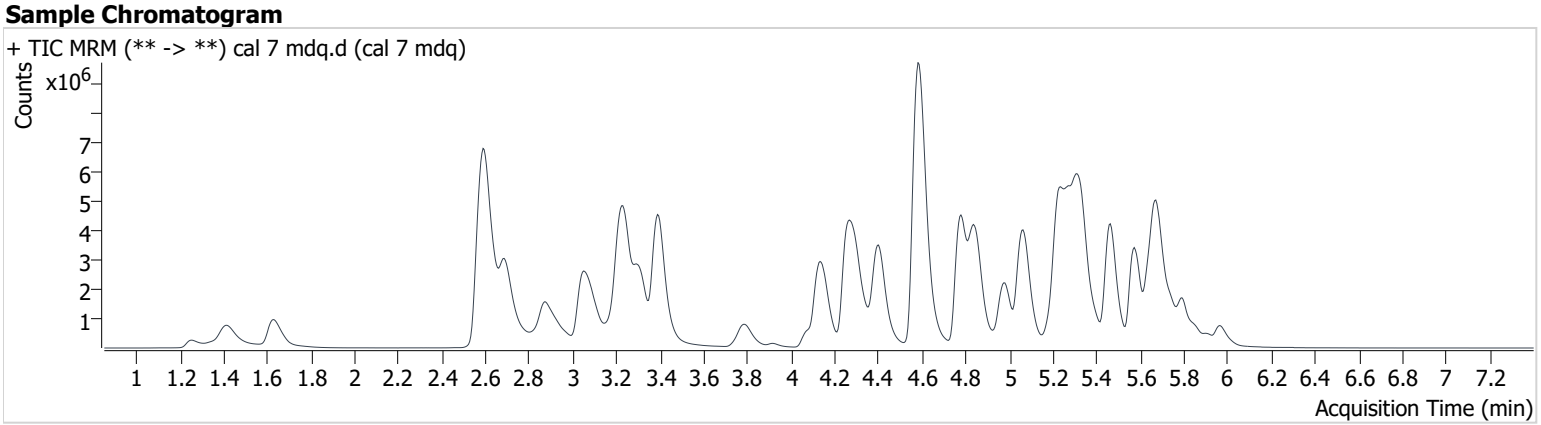
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.057	4217474	∞	44.9	17730.8	436241	203.666	ng/ml
Benzoylecgonine	3.921	85638	238407.4	50.6	1172.0	13051	245.345	ng/ml
Buprenorphine	6.016	50129	∞	16.6	12312.1	80397	23.920	ng/ml
Citalopram	5.243	1651666	∞	42.2	25651.4	297550	251.694	ng/ml
Cocaine	4.291	2996916	∞	46.2	1121713.0	946405	250.550	ng/ml
Codeine	2.644	408238	135638.4	86.1	∞	58874	260.037	ng/ml
Fentanyl	5.190	260890	∞	132.2	545692.0	667733	26.008	ng/ml
Hydrocodone	3.069	1239328	∞	37.3	∞	297036	248.609	ng/ml
Lamotrigine	4.345	177368	8037.8	88.9	∞	320408	255.286	ng/ml
Methamphetamine	3.236	5413635	∞	39.6	∞	1077962	236.530	ng/ml
Morphine	1.256	206658	∞	16.3	∞	12336	248.192	ng/ml
Norbuprenorphine	5.019	8365	15730.6	97.3	63688.0	19917	23.984	ng/ml
Norfentanyl	4.093	186231	19532.6	34.9	89896.5	1138270	25.745	ng/ml
Norhydrocodone	3.090	137320	∞	27.9	∞	85697	255.628	ng/ml
Oxazepam	5.776	109193	2739.6	70.3	∞	18700	260.735	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	cal 7 mdq.d
Type	Cal	**Sample**	cal 7 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-G5	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 2:21:34 PM		
Sample Info.			

Sample Chromatogram



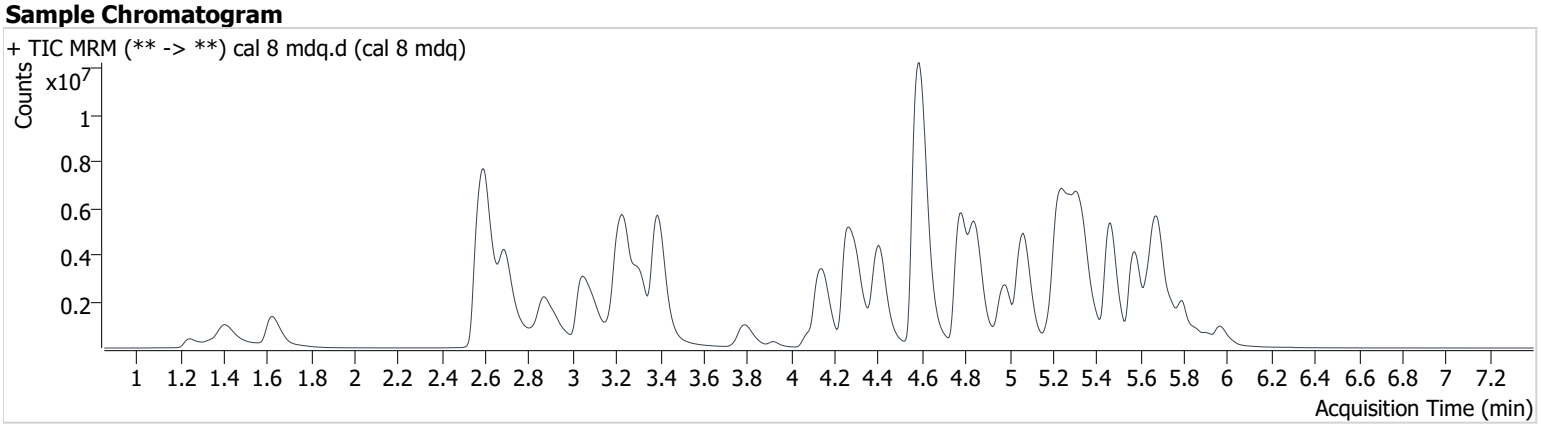
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.042	6880462	219494.1	45.1	∞	495776	293.621	ng/ml
Benzoylecgonine	3.916	200049	∞	51.3	∞	14263	525.632	ng/ml
Buprenorphine	6.016	148317	∞	16.3	∞	112405	50.637	ng/ml
Citalopram	5.243	1914595	53719.0	41.2	521278.5	179319	484.756	ng/ml
Cocaine	4.291	5415751	1848401.2	45.4	1184274693 414300.0	827580	518.487	ng/ml
Codeine	2.644	688313	∞	91.8	16891.2	43193	596.933	ng/ml
Fentanyl	5.185	601497	573320.6	135.1	1281833.2	852898	47.188	ng/ml
Hydrocodone	3.064	2629208	∞	37.3	∞	316390	496.401	ng/ml
Lamotrigine	4.345	248185	498818.1	87.4	∞	263342	435.890	ng/ml
Methamphetamine	3.231	10191616	∞	39.2	∞	1208159	402.074	ng/ml
Morphine	1.256	423824	∞	15.6	∞	12198	516.089	ng/ml
Norbuprenorphine	5.019	15831	68647.6	101.0	30397.7	18102	50.500	ng/ml
Norfentanyl	4.088	401966	∞	35.3	∞	1380041	46.010	ng/ml
Norhydrocodone	3.090	254630	∞	31.9	∞	75760	535.722	ng/ml
Oxazepam	5.771	156889	5843.8	73.2	94512.9	13691	513.090	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\062921\QuantResults\mdq.batch.bin
Calibration Last Update 7/1/2021 1:28:22 PM

Instrument	69679	**Data File**	cal 8 mdq.d
Type	Cal	**Sample**	cal 8 mdq
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-H5	**Comment**	
Injection Volume	3		
Acq. Date-Time	6/29/2021 2:39:32 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.037	8210217	∞	44.2	∞	411396	423.495	ng/ml
Benzoylecgonine	3.921	378304	988006.3	50.5	19237.8	14172	1001.341	ng/ml
Buprenorphine	6.016	255946	598202.8	16.5	714689.0	91814	106.996	ng/ml
Citalopram	5.238	1703104	∞	43.8	80157.9	76462	1012.003	ng/ml
Cocaine	4.291	6856873	1736956.3	44.6	313379.6	539275	1008.033	ng/ml
Codeine	2.644	908323	50470.5	91.4	18142.9	26088	1303.569	ng/ml
Fentanyl	5.185	861165	4441785.2	139.8	∞	685951	84.237	ng/ml
Hydrocodone	3.064	3954598	∞	38.4	∞	261937	902.875	ng/ml
Lamotrigine	4.350	251531	23017.5	88.2	95802.6	171402	679.737	ng/ml
Methamphetamine	3.231	13358014	∞	38.6	∞	1065611	600.903	ng/ml
Morphine	1.246	649941	∞	17.8	∞	10344	934.268	ng/ml
Norbuprenorphine	5.019	19605	∞	94.7	∞	10459	108.821	ng/ml
Norfentanyl	4.088	614883	∞	35.3	∞	1205053	80.771	ng/ml
Norhydrocodone	3.090	371872	∞	31.6	∞	58951	1005.124	ng/ml
Oxazepam	5.771	195485	19622.0	70.1	∞	8972	976.941	ng/ml