REVIEWED
By Sarah Collins at 7:27 am, Feb 16, 2023

2/14/2023

Worklist: 6249

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2023-0060	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0168	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0186	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0212	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0223	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0269	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0293	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0317	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0319	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ

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

Extraction Date 2/14/23 Analyst: Anne Nord
Plate lot#: 230117 Item: IDP-121-3CDA Plate re-test: 7/17/2023

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: 22B52016-1 **Urine Blank lot** blood only run
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.

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: 390993 or 250µL hydrolyzed urine** in wells of analytical (standards) plate.
☒ 3. Pipette **250µL 00.5M ammonium hydroxide** in wells of analytical plate.
☒ 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 5. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
☒ 6. 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*
☒ 7. Wait 5 minutes.
☒ 8. Add **900uL ethyl acetate.**
☒ 9. Wait 5 minutes.
☒ 10. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 11. Add **900uL ethyl acetate.**
☒ 12. Wait 5 minutes.
☒ 13. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 14. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH,
☒ 15. 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: The following compounds were processed in this run:
Amphetamine, Benzoylecgonine, Cocaine, Fentanyl, Ketamine, Methamphetamine, Norfentanyl, Trazodone

Amphetamine 5-500 cal 8 dropped due to accuracy
Benzoylecgonine not evaluated due to interfering peak in qualifier ion.
Methamphetamine 5-500 cal 8 dropped due to accuracy.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	0212-2									
B	IS + Cal. 2	IS + QC_2	0223-3									
C	IS + Cal. 3	IS + QC 3	0269-1									
D	IS + Cal. 4	IS + QC_4	0293-1									
E	IS + Cal. 5		0317-3									
F	IS + Cal. 6	negative blood	0319-1									
G	IS + Cal. 7	0060-1	0186-2									
H	IS + Cal. 8	0168-2										

blank in front

plate position 2

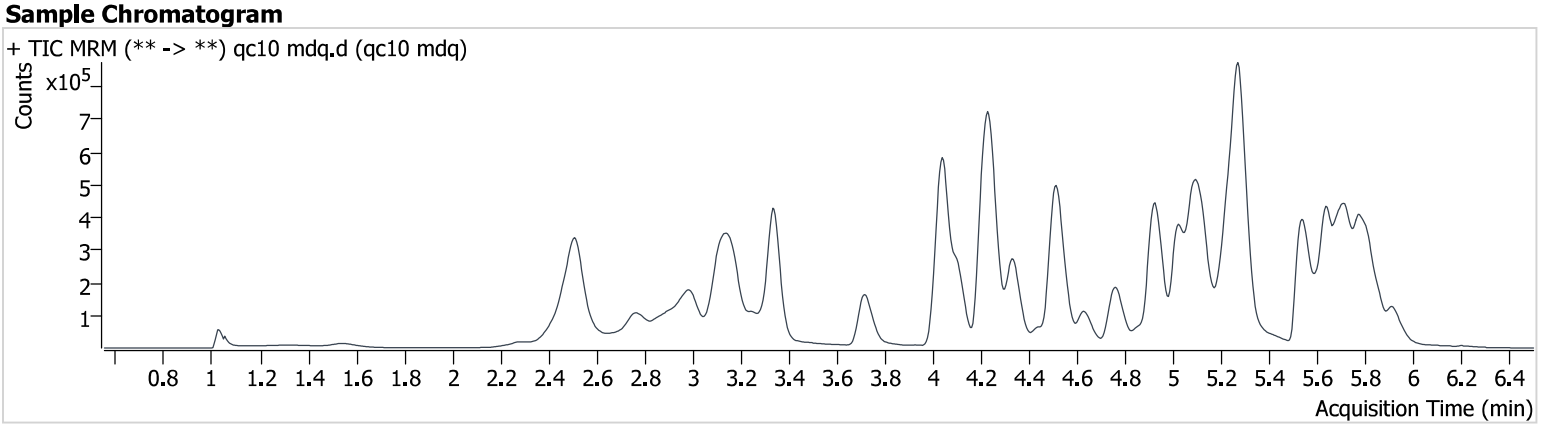
c2022-___-_

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-A2	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 1:35:19 PM		
Sample Info.			

Sample Chromatogram



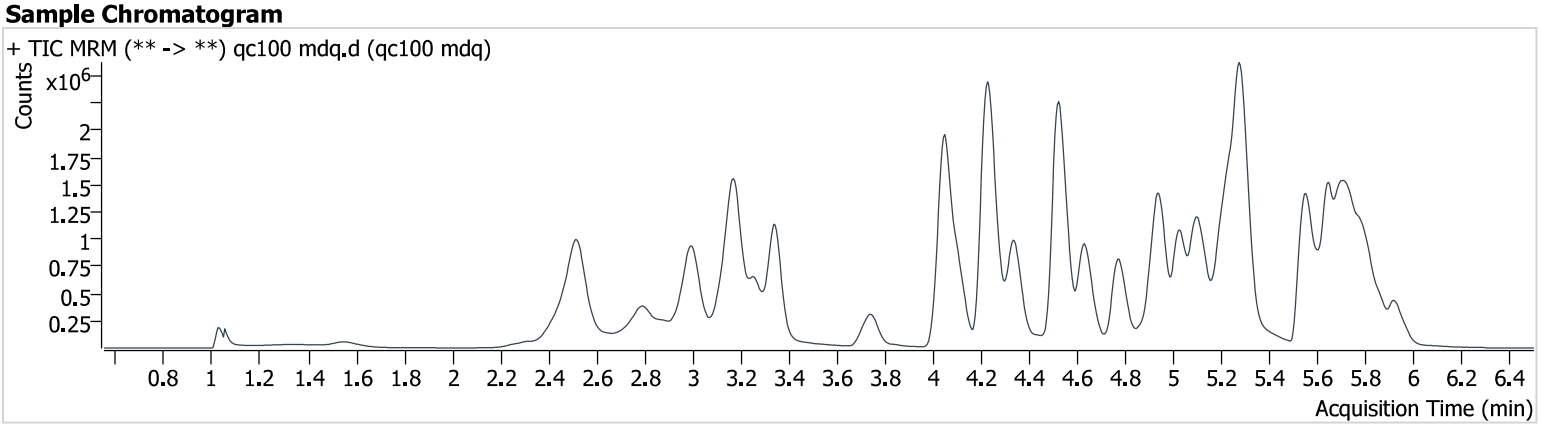
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.000	135046	3098.7	290.82	3311.3	360328	10.752	ng/ml
Cocaine	4.246	137293	6347.3	48.58	6666.1	1026831	10.136	ng/ml
Fentanyl	5.087	14192	804.8	115.10	12140.2	584640	1.048	ng/ml
Ketamine	4.035	139564	6264.5	36.70	1048.7	480205	10.254	ng/ml
Methamphetamine	3.178	315007	886.5	40.43	16827.7	977938	10.054	ng/ml
Norfentanyl	4.061	3539	402.8	260.80	1124.9	1008155	1.023	ng/ml
Trazodone	5.189	168977	4389.5	75.35	6551.8	632909	10.372	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-B2	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 4:33:55 PM		
Sample Info.			

Sample Chromatogram



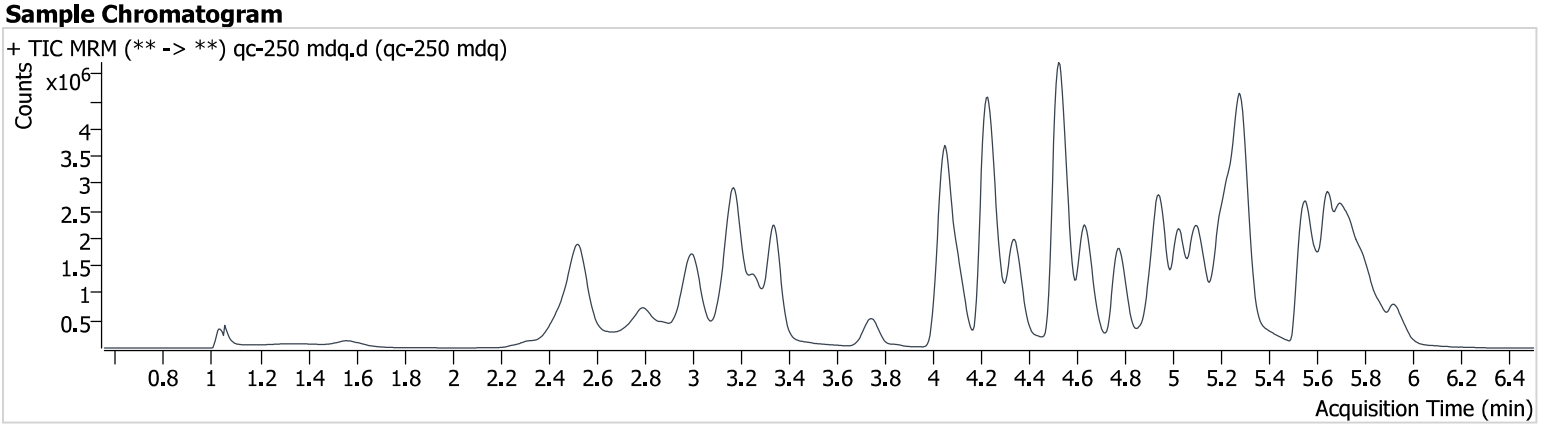
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.000	1151449	124067.0	258.78	90241.0	336456	107.288	ng/ml
Cocaine	4.246	1228692	138947.1	49.54	94776.3	942197	98.733	ng/ml
Fentanyl	5.093	129547	22566.3	118.99	310077.5	551606	10.407	ng/ml
Ketamine	4.030	1279388	∞	37.60	8554.2	445440	108.808	ng/ml
Methamphetamine	3.178	2594606	∞	39.95	∞	934916	112.257	ng/ml
Norfentanyl	4.066	27820	3598045.1	282.95	2328.2	812762	9.965	ng/ml
Trazodone	5.194	1616632	344296.2	73.34	155829.5	596806	108.546	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-C2	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 1:44:15 PM		
Sample Info.			

Sample Chromatogram



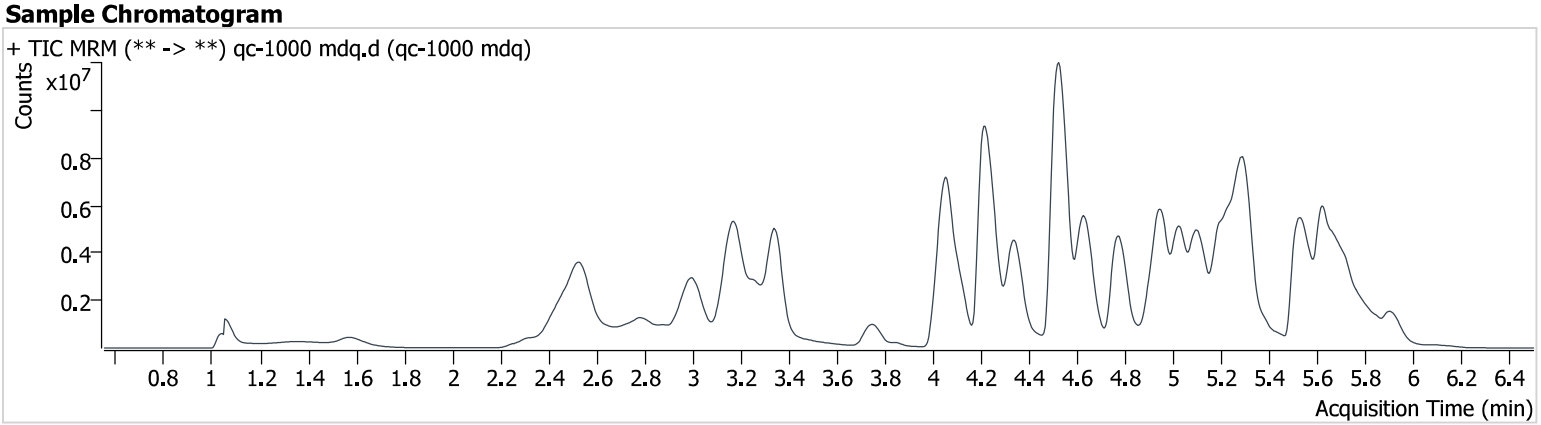
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.005	2350137	810362.0	251.30	135815.5	293763	252.298	ng/ml
Cocaine	4.246	2768984	79215.1	48.84	129409.4	818920	255.976	ng/ml
Fentanyl	5.087	274936	12693.5	122.55	149243.6	472962	25.806	ng/ml
Ketamine	4.025	2707340	560529.5	37.44	13990.8	400920	256.955	ng/ml
Methamphetamine	3.178	5693581	∞	39.61	∞	954548	245.138	ng/ml
Norfentanyl	4.066	51873	23139.5	276.30	12526.5	595685	25.351	ng/ml
Trazodone	5.189	3469540	∞	75.27	103245.5	529899	262.883	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-D2	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 1:53:11 PM		
Sample Info.			

Sample Chromatogram



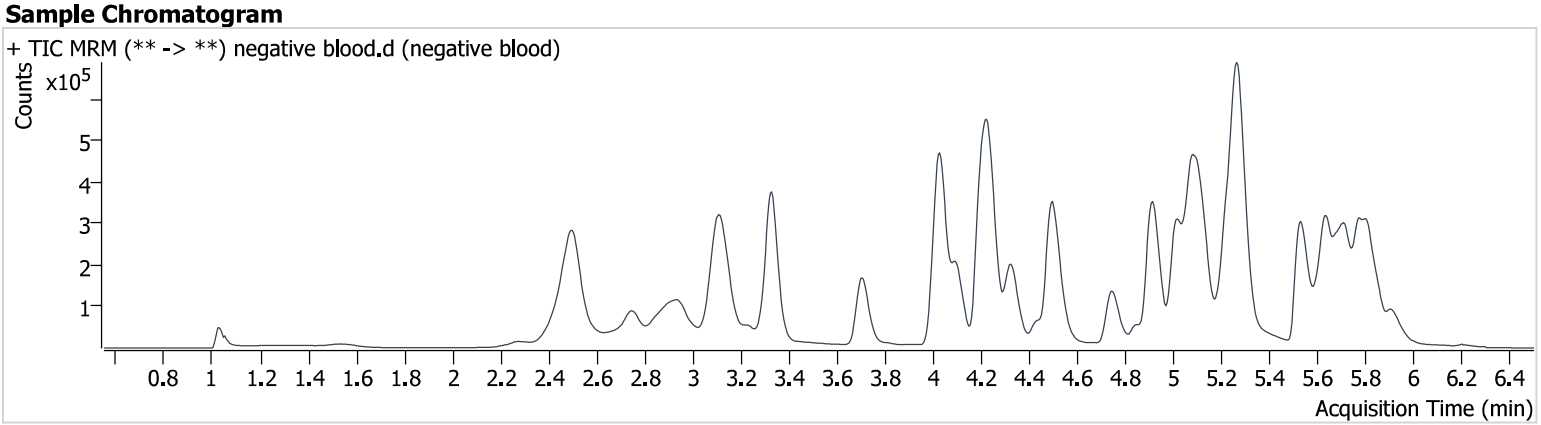
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.005	4422411	48750.3	244.03	237430.1	181578	770.384	ng/ml
Cocaine	4.248	6176618	225361.7	48.15	113045.0	464377	1006.887	ng/ml
Fentanyl	5.087	584262	∞	125.52	∞	256666	101.143	ng/ml
Ketamine	4.020	5937104	∞	36.88	42891.2	259036	874.154	ng/ml
Methamphetamine	3.173	13117929	701499.6	38.43	64400.4	800981	678.956	ng/ml
Norfentanyl	4.066	71460	6018.9	283.06	4430.2	200319	103.848	ng/ml
Trazodone	5.184	7566302	322611.7	75.29	286512.8	325469	934.302	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

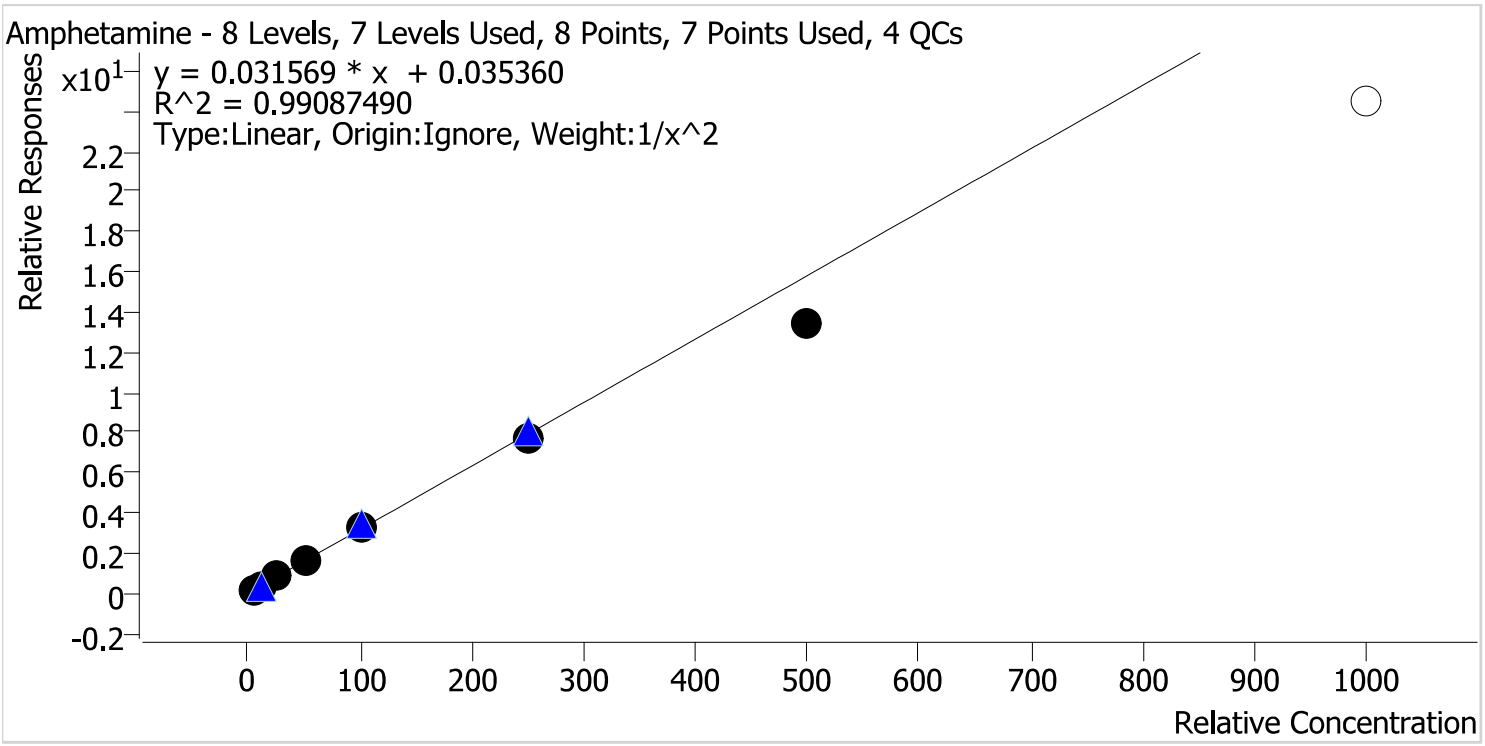
Instrument	69679	**Data File**	negative blood.d
Type	Sample	**Sample**	negative blood
Acq. Method	mdqp1 1-21-21long.m	**Operator**	Anne Nord
Sample Position	P2-F2	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 2:11:03 PM		
Sample Info.			

Sample Chromatogram



Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Last Cal. Update	2/15/2023 10:11 AM
Analyst Name	ISP\datastor
Analyte	Amphetamine
Internal Standard	Amphetamine-D11

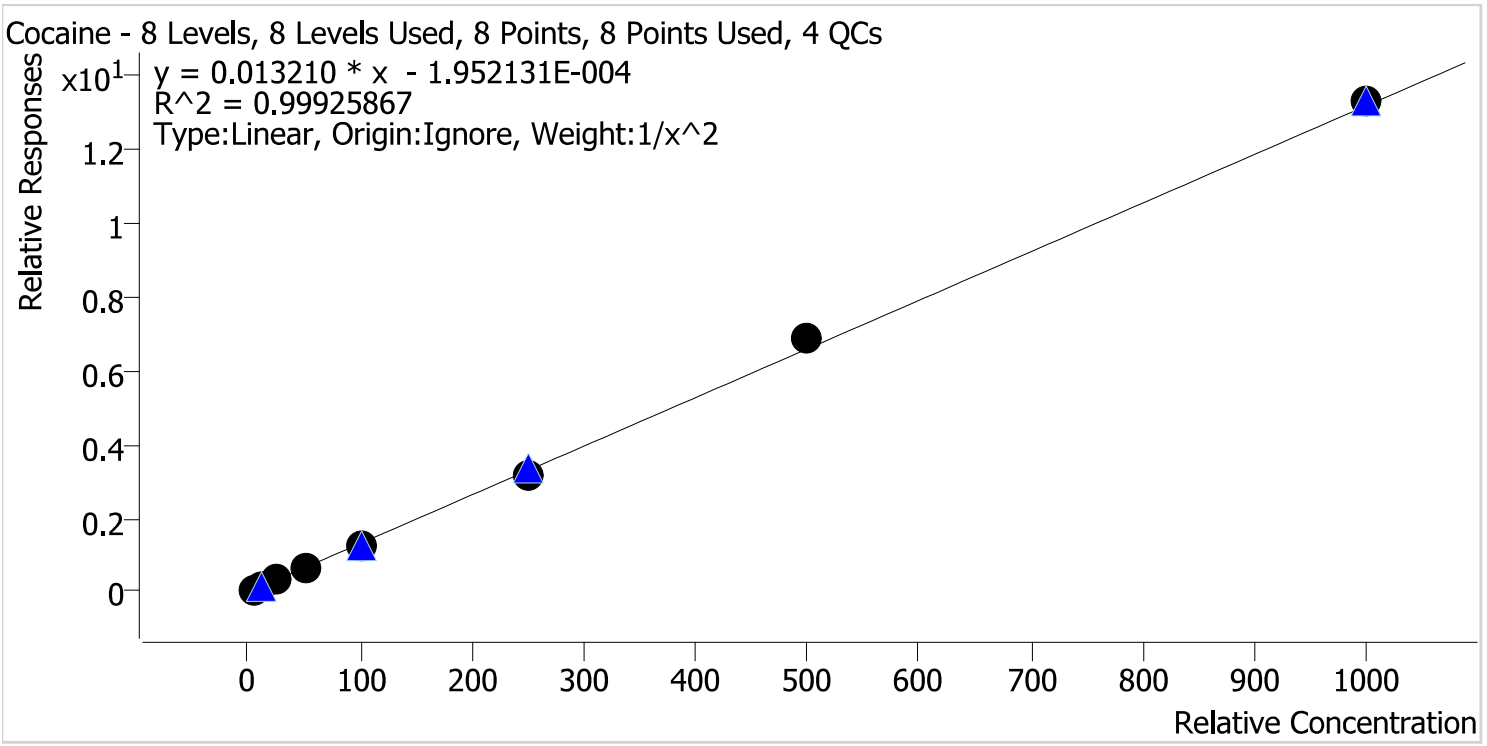


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.5
cal 2 mdq	2	✓	10.0	10.5	104.8
cal 3 mdq	3	✓	25.0	26.9	107.4
cal 4 mdq	4	✓	50.0	53.3	106.7
cal 5 mdq	5	✓	100.0	103.2	103.2
cal 6 mdq	6	✓	250.0	244.6	97.8
cal 7 mdq	7	✓	500.0	423.0	84.6
cal 8 mdq	8	×	1000.0	774.4	77.4

Compound Calibration Report

Agilent | Trusted Answers

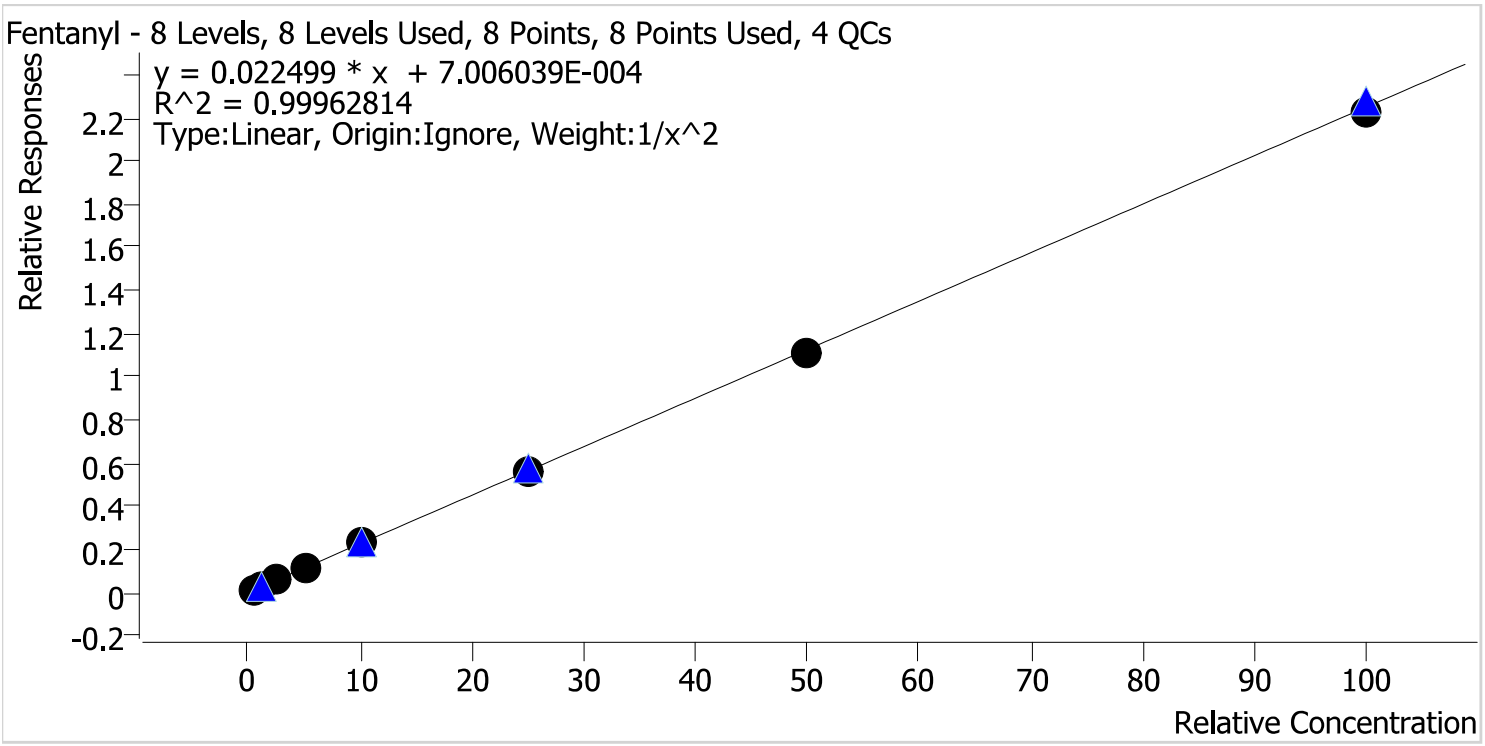
Batch results	D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Last Cal. Update	2/15/2023 10:11 AM
Analyst Name	ISP\datastor
Analyte	Cocaine
Internal Standard	Cocaine-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	24.6	98.5
cal 4 mdq	4	✓	50.0	49.6	99.1
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	242.0	96.8
cal 7 mdq	7	✓	500.0	521.1	104.2
cal 8 mdq	8	✓	1000.0	1008.7	100.9

Compound Calibration Report

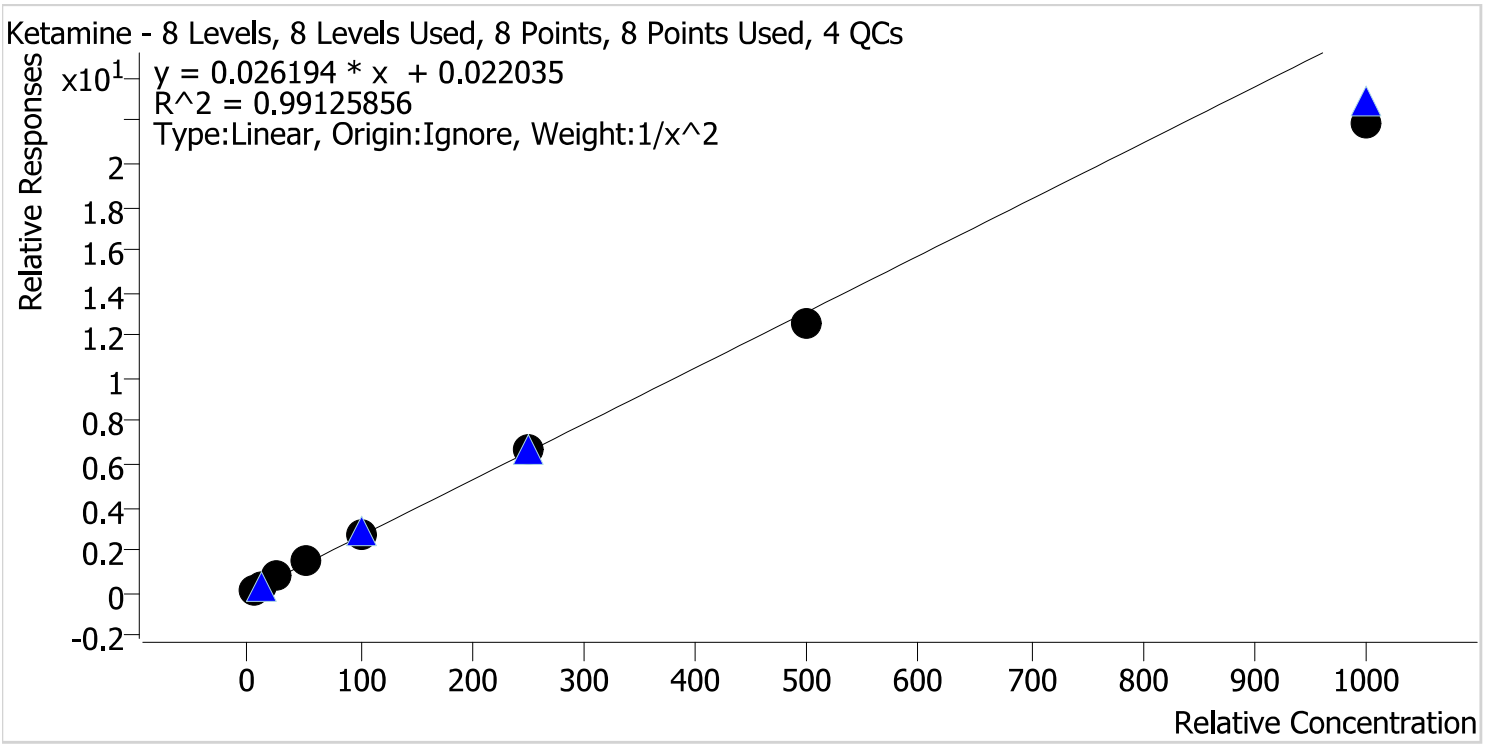
Batch results	D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Last Cal. Update	2/15/2023 10:11 AM
Analyst Name	ISP\datastor
Analyte	Fentanyl
Internal Standard	Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	100.9
cal 2 mdq	2	✓	1.0	1.0	98.1
cal 3 mdq	3	✓	2.5	2.5	98.6
cal 4 mdq	4	✓	5.0	5.1	102.1
cal 5 mdq	5	✓	10.0	10.3	102.6
cal 6 mdq	6	✓	25.0	24.8	99.3
cal 7 mdq	7	✓	50.0	49.6	99.2
cal 8 mdq	8	✓	100.0	99.0	99.0

Compound Calibration Report

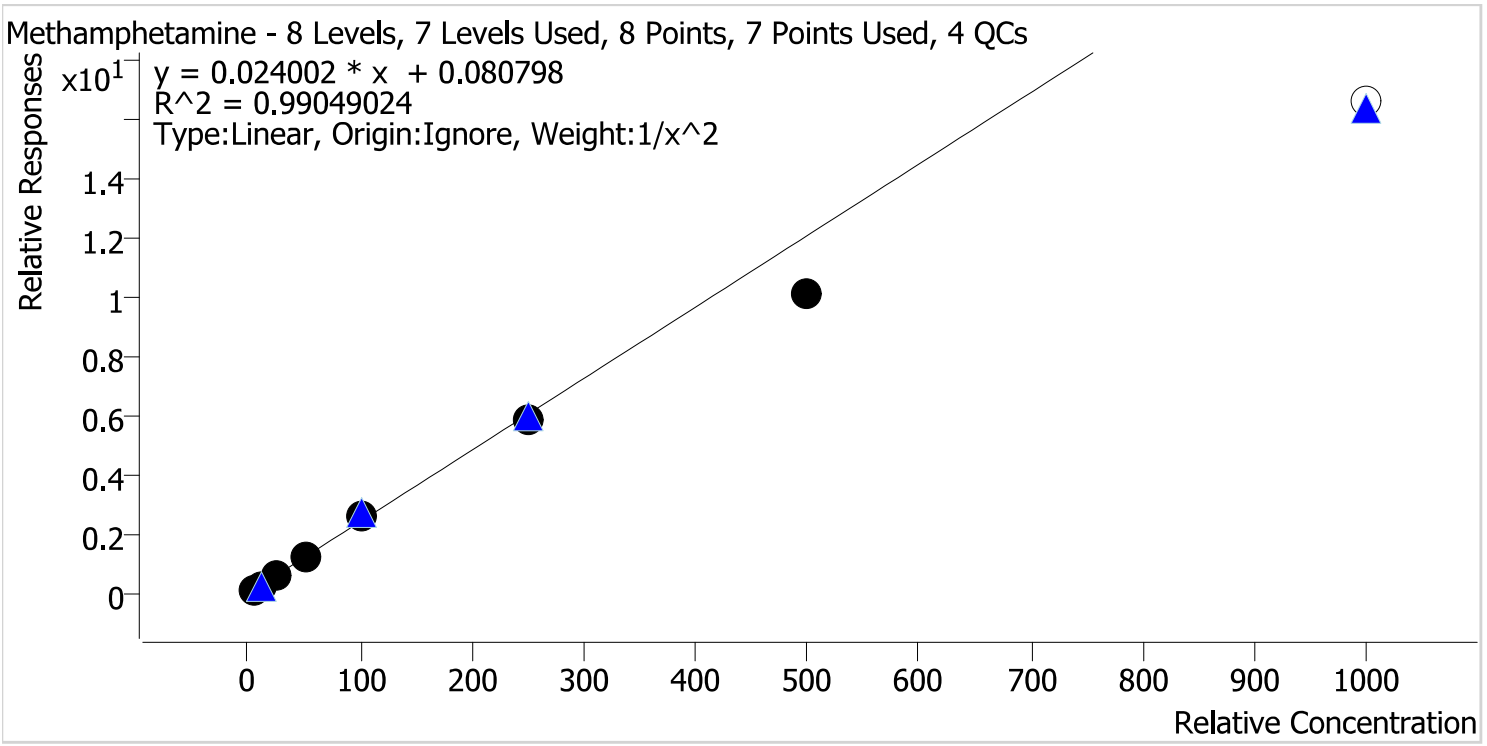
Batch results	D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Last Cal. Update	2/15/2023 10:11 AM
Analyst Name	ISP\datastor
Analyte	Ketamine
Internal Standard	Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.1
cal 2 mdq	2	✓	10.0	10.5	105.0
cal 3 mdq	3	✓	25.0	26.9	107.7
cal 4 mdq	4	✓	50.0	53.6	107.3
cal 5 mdq	5	✓	100.0	104.8	104.8
cal 6 mdq	6	✓	250.0	251.7	100.7
cal 7 mdq	7	✓	500.0	478.5	95.7
cal 8 mdq	8	✓	1000.0	837.8	83.8

Compound Calibration Report

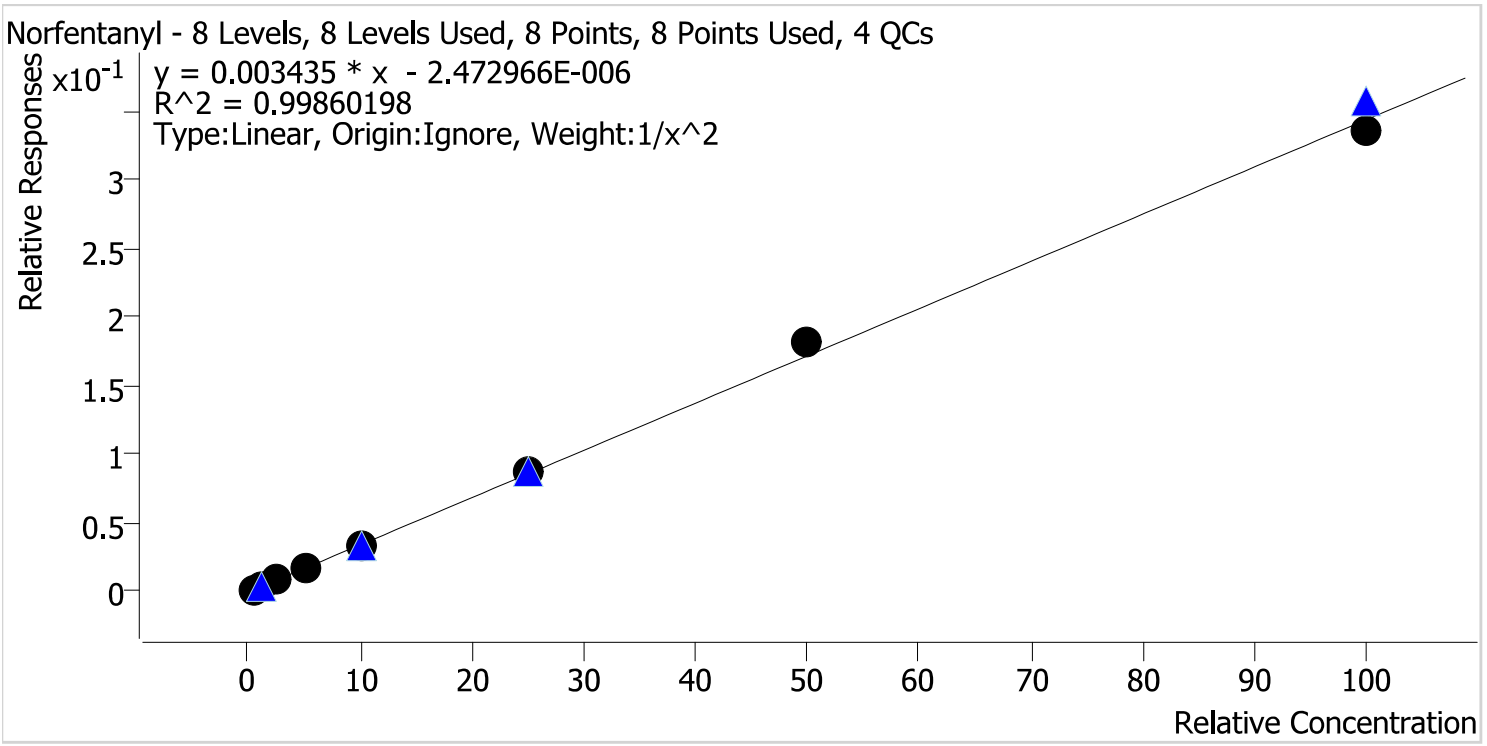
Batch results	D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Last Cal. Update	2/15/2023 10:11 AM
Analyst Name	ISP\datastor
Analyte	Methamphetamine
Internal Standard	Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.9
cal 2 mdq	2	✓	10.0	10.5	104.6
cal 3 mdq	3	✓	25.0	26.3	105.2
cal 4 mdq	4	✓	50.0	53.1	106.2
cal 5 mdq	5	✓	100.0	106.8	106.8
cal 6 mdq	6	✓	250.0	243.4	97.4
cal 7 mdq	7	✓	500.0	420.0	84.0
cal 8 mdq	8	×	1000.0	687.3	68.7

Compound Calibration Report

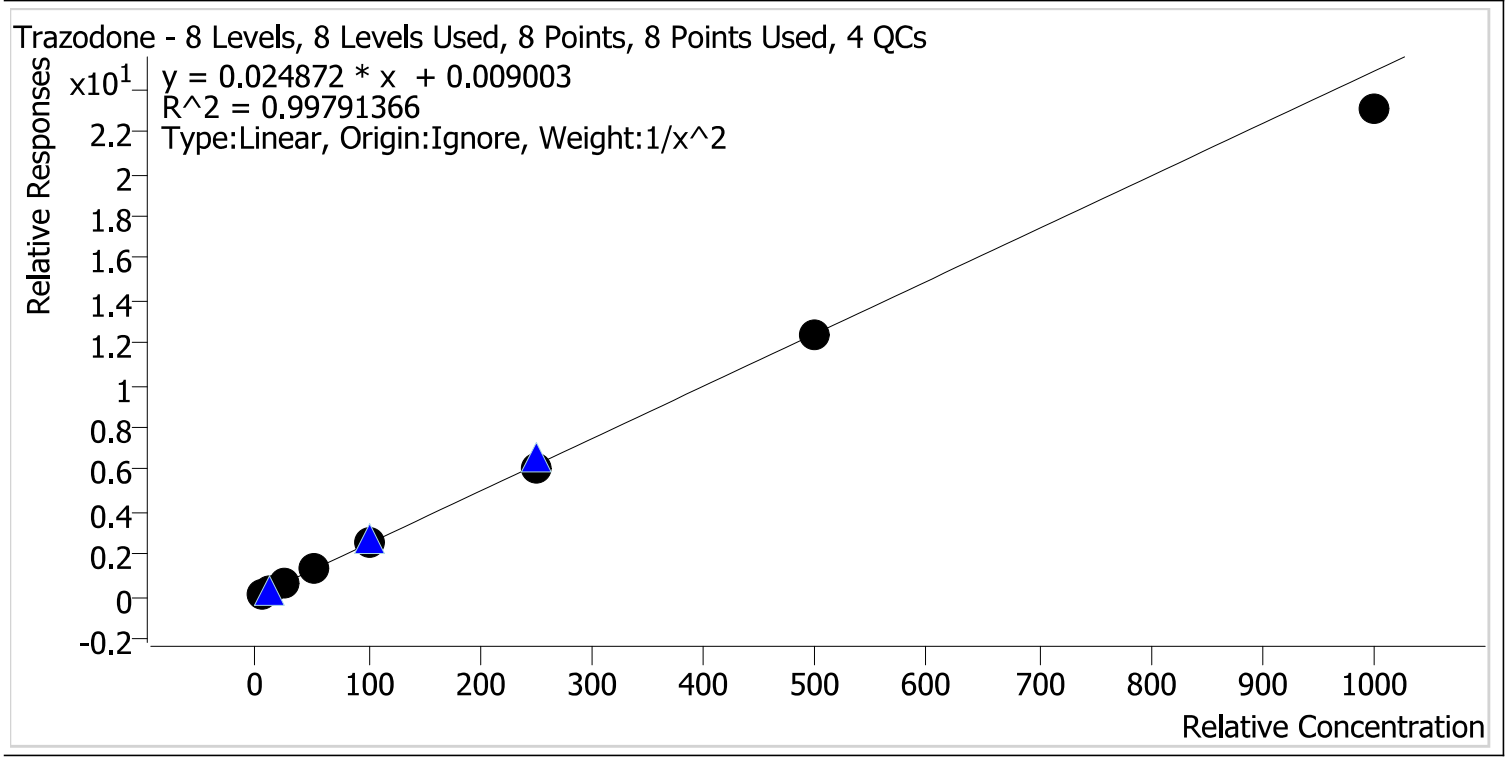
Batch results	D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Last Cal. Update	2/15/2023 10:11 AM
Analyst Name	ISP\datastor
Analyte	Norfentanyl
Internal Standard	Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	101.1
cal 2 mdq	2	✓	1.0	1.0	100.0
cal 3 mdq	3	✓	2.5	2.4	95.4
cal 4 mdq	4	✓	5.0	4.8	96.9
cal 5 mdq	5	✓	10.0	10.2	101.6
cal 6 mdq	6	✓	25.0	25.5	101.8
cal 7 mdq	7	✓	50.0	52.8	105.6
cal 8 mdq	8	✓	100.0	97.7	97.7

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Last Cal. Update	2/15/2023 10:11 AM
Analyst Name	ISP\datastor
Analyte	Trazodone
Internal Standard	Trazodone-D6



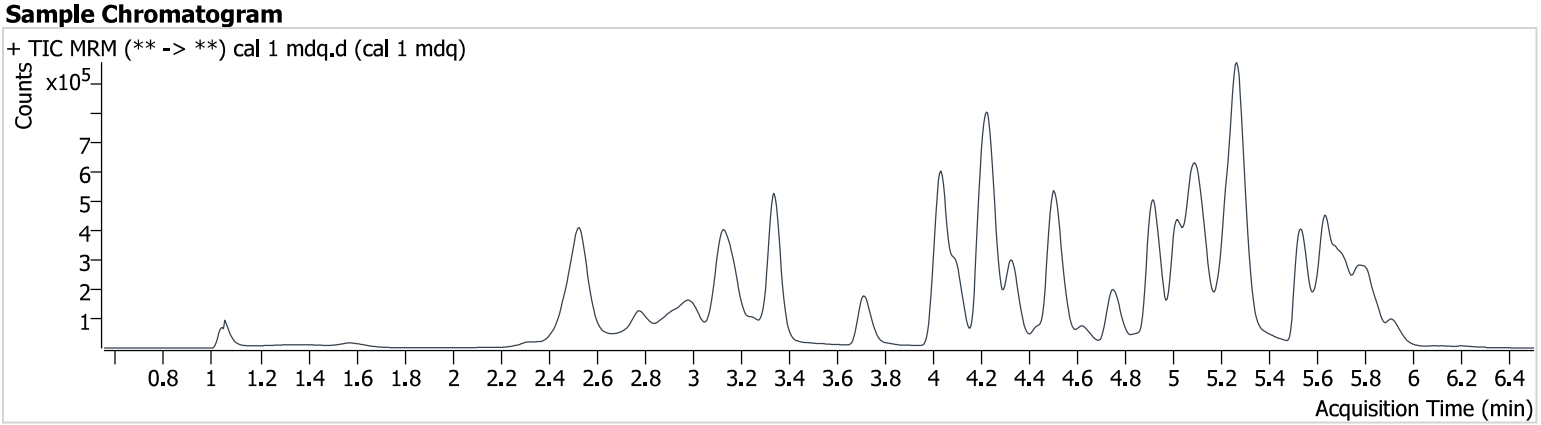
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.0
cal 2 mdq	2	✓	10.0	10.4	103.8
cal 3 mdq	3	✓	25.0	26.1	104.6
cal 4 mdq	4	✓	50.0	50.6	101.1
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	243.0	97.2
cal 7 mdq	7	✓	500.0	501.2	100.2
cal 8 mdq	8	✓	1000.0	930.6	93.1

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-A1	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 12:06:06 PM		
Sample Info.			

Sample Chromatogram



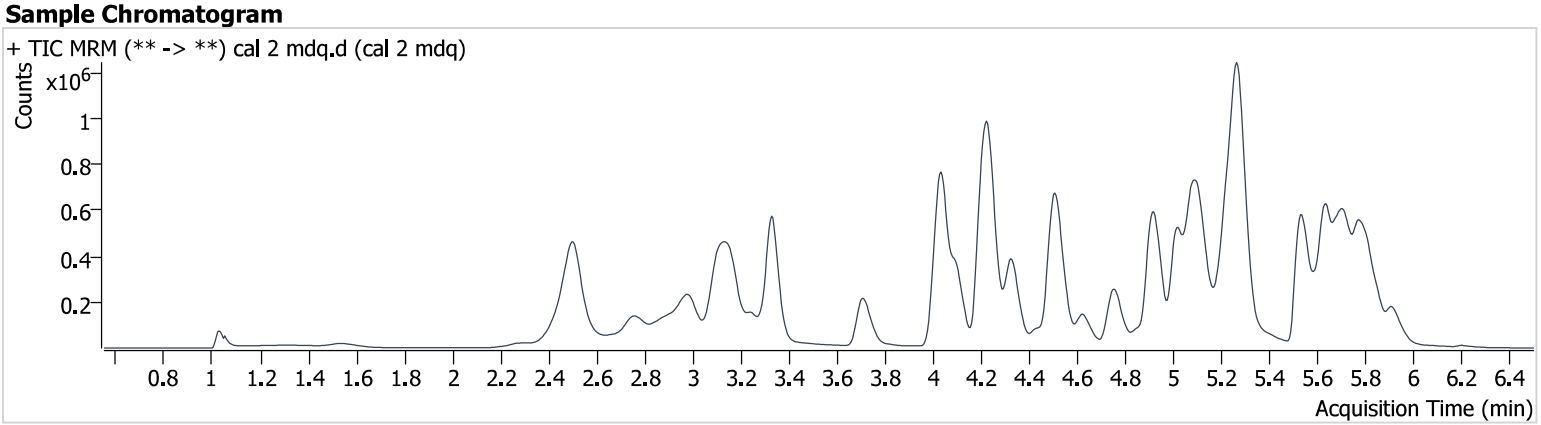
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.010	79176	1926.6	257.19	2291.6	425455	4.775	ng/ml
Cocaine	4.241	89381	4506.4	49.78	∞	1366949	4.965	ng/ml
Fentanyl	5.077	8824	698.1	120.13	2673.4	732290	0.504	ng/ml
Ketamine	4.030	90333	3629.8	40.31	289.9	616075	4.756	ng/ml
Methamphetamine	3.183	244894	1455.7	38.71	2135.1	1249966	4.796	ng/ml
Norfentanyl	4.056	1953	415.5	250.95	186.7	1126730	0.505	ng/ml
Trazodone	5.184	104607	5439.0	74.43	4441.0	806684	4.852	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-B1	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 12:15:08 PM		
Sample Info.			

Sample Chromatogram



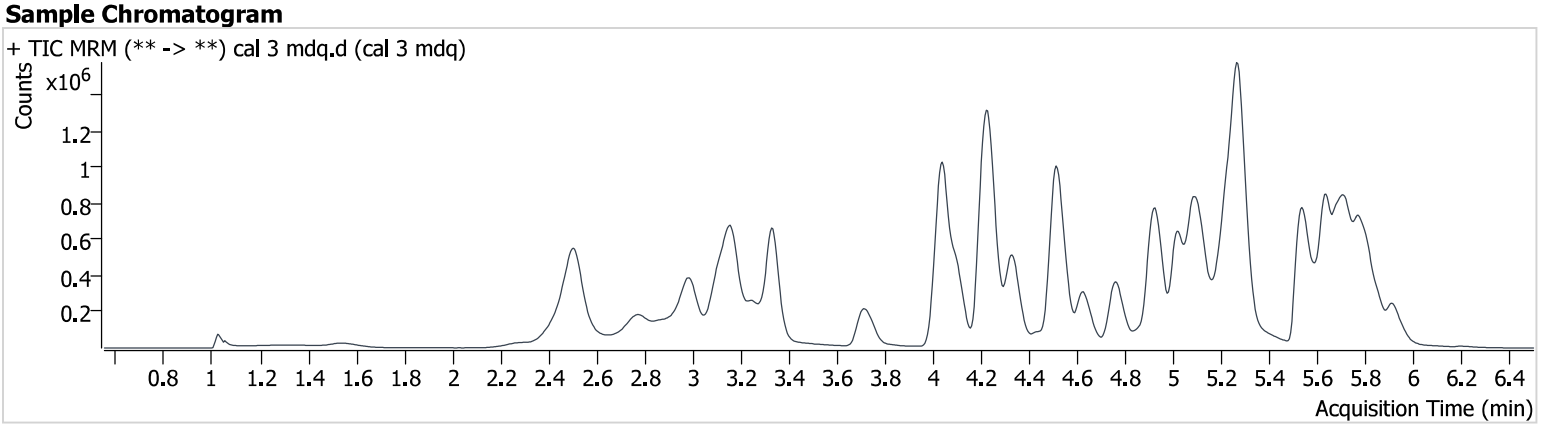
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	2.995	166252	1706.5	272.09	54630.0	454079	10.478	ng/ml
Cocaine	4.241	189857	22905.9	49.51	9157.7	1406355	10.234	ng/ml
Fentanyl	5.087	19624	382.5	119.05	∞	861475	0.981	ng/ml
Ketamine	4.025	195051	40346.8	36.19	748.3	656765	10.497	ng/ml
Methamphetamine	3.168	437635	8609.5	38.46	∞	1318979	10.457	ng/ml
Norfentanyl	4.050	4509	1684.7	258.61	571.8	1313285	1.000	ng/ml
Trazodone	5.184	235583	17543.7	75.16	50033.8	882147	10.375	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-C1	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 12:24:02 PM		
Sample Info.			

Sample Chromatogram



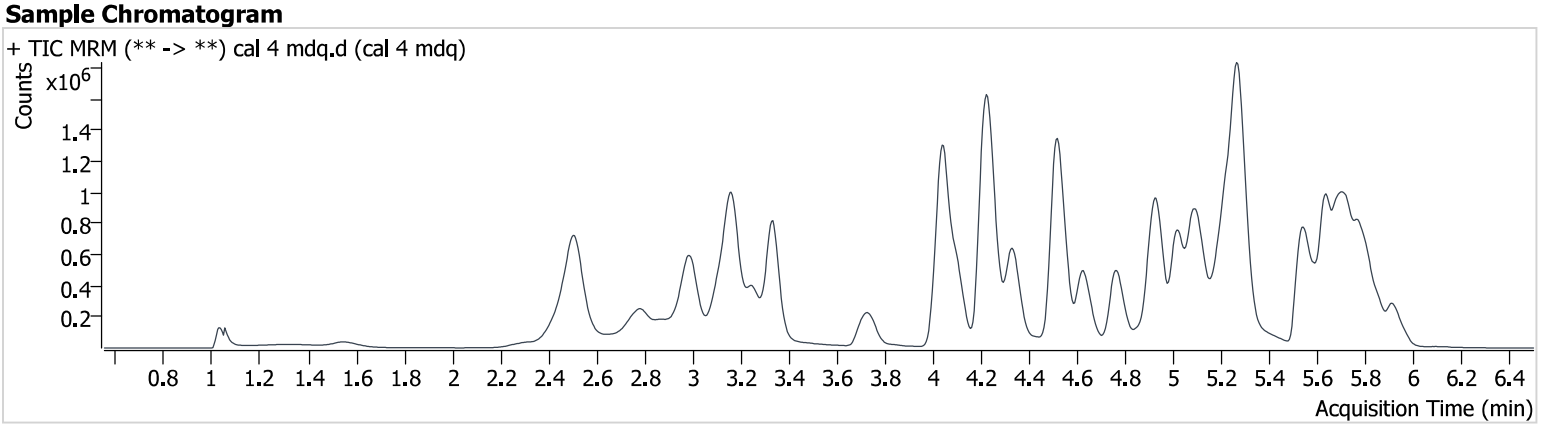
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	2.990	378735	6455.6	282.04	18620.1	428868	26.854	ng/ml
Cocaine	4.241	430075	152743.3	49.17	78085.1	1322759	24.627	ng/ml
Fentanyl	5.082	44670	1748.1	123.83	65575.9	795000	2.466	ng/ml
Ketamine	4.025	445149	28708.3	37.87	2067.2	612233	26.916	ng/ml
Methamphetamine	3.168	888562	61121.4	39.99	∞	1247552	26.308	ng/ml
Norfentanyl	4.061	9872	1483.0	285.66	795.7	1205678	2.384	ng/ml
Trazodone	5.189	542777	14940.3	71.85	∞	823198	26.147	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-D1	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 12:32:56 PM		
Sample Info.			

Sample Chromatogram



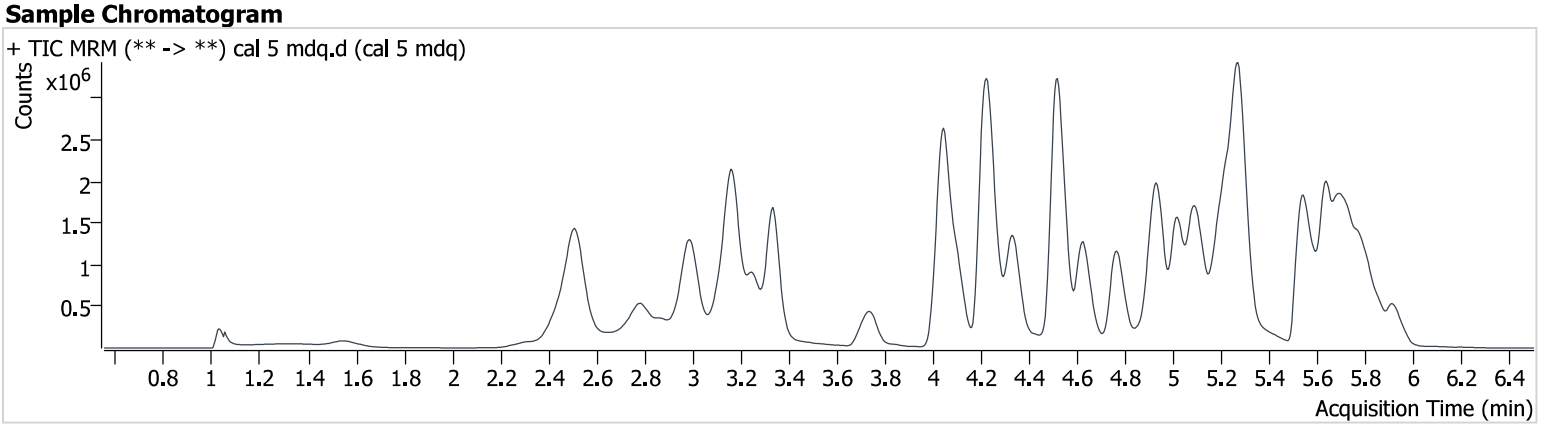
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	2.990	632886	26357.2	275.14	52258.9	368206	53.327	ng/ml
Cocaine	4.241	709590	∞	48.07	41070.0	1084257	49.556	ng/ml
Fentanyl	5.082	72682	1395.6	118.55	167383.6	628699	5.107	ng/ml
Ketamine	4.025	729323	479293.4	36.46	3579.6	511158	53.629	ng/ml
Methamphetamine	3.168	1448191	∞	41.76	586800.5	1068903	53.080	ng/ml
Norfentanyl	4.056	16546	1730.5	273.17	1321.1	993828	4.847	ng/ml
Trazodone	5.184	826969	889351.3	76.29	35647.4	652961	50.557	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-E1	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 12:41:50 PM		
Sample Info.			

Sample Chromatogram



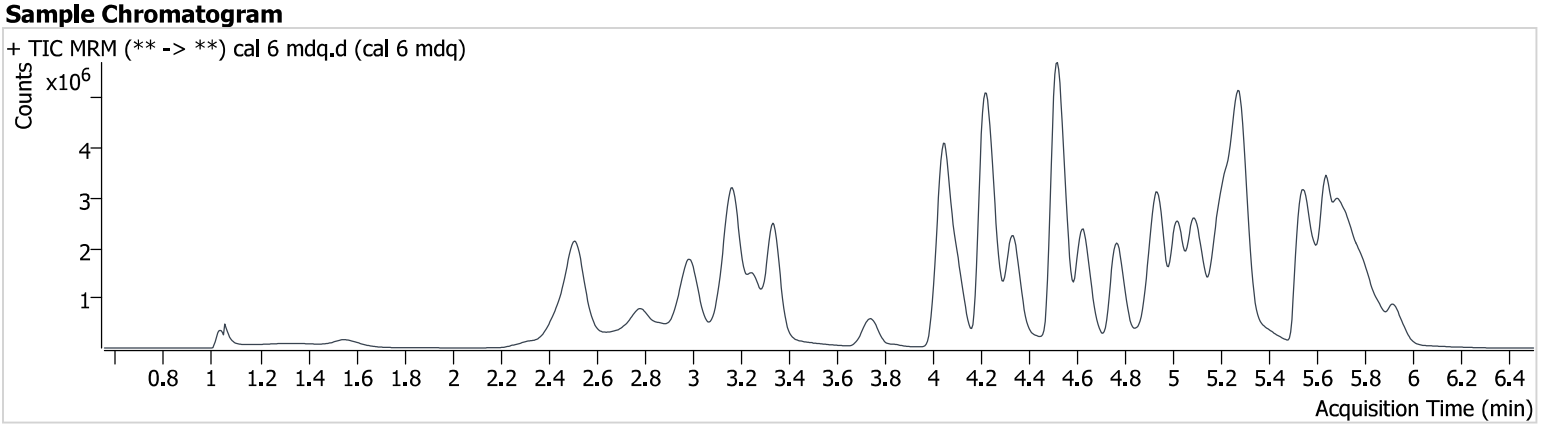
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	2.995	1551090	24085.6	266.37	38846.7	470872	103.226	ng/ml
Cocaine	4.241	1760241	337957.5	49.53	270459.3	1348407	98.835	ng/ml
Fentanyl	5.082	174830	8620.6	120.08	17274.2	754867	10.263	ng/ml
Ketamine	4.025	1725916	88456.6	37.09	8053.6	623632	104.812	ng/ml
Methamphetamine	3.168	3623596	∞	39.37	41793.8	1370848	106.761	ng/ml
Norfentanyl	4.061	36028	5157.8	277.24	293.6	1032852	10.155	ng/ml
Trazodone	5.184	2095689	41285.3	76.08	61603.8	815068	103.013	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-F1	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 12:50:44 PM		
Sample Info.			

Sample Chromatogram



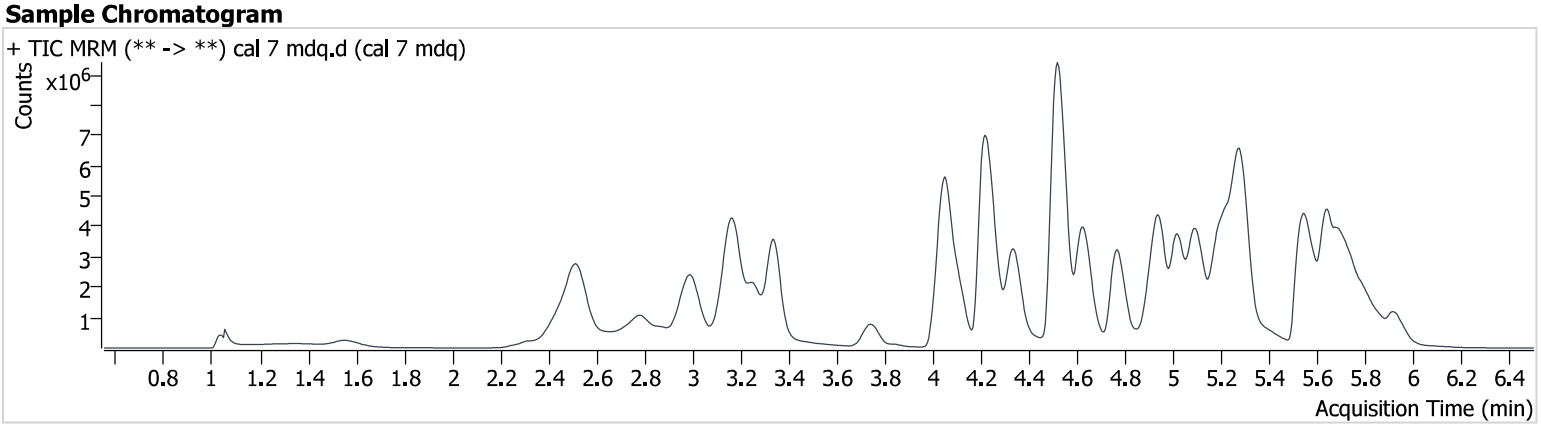
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	2.995	2474681	∞	248.53	90476.2	319043	244.584	ng/ml
Cocaine	4.241	2886021	190274.5	50.30	∞	902722	242.029	ng/ml
Fentanyl	5.082	327859	∞	125.04	650725.8	586026	24.835	ng/ml
Ketamine	4.020	2973343	97748.2	36.99	24435.2	449422	251.729	ng/ml
Methamphetamine	3.168	6483478	45439.4	39.39	311573.3	1094724	243.379	ng/ml
Norfentanyl	4.061	52553	4267.9	273.71	6689.4	601080	25.453	ng/ml
Trazodone	5.184	3841792	423949.0	76.17	217396.8	634650	243.016	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-G1	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 12:59:38 PM		
Sample Info.			

Sample Chromatogram



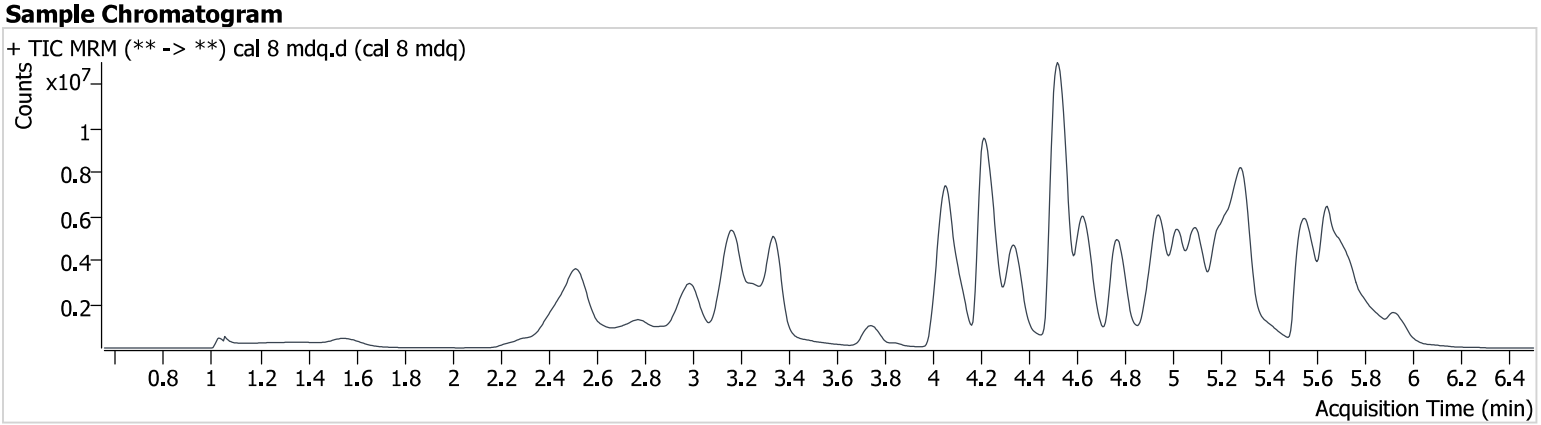
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	2.995	3413989	69490.3	248.32	144568.8	255006	422.966	ng/ml
Cocaine	4.246	4671599	665954.6	46.66	241189.9	678638	521.116	ng/ml
Fentanyl	5.082	445793	17259.5	123.92	∞	399236	49.598	ng/ml
Ketamine	4.020	4404119	317621.8	37.00	42495.7	350759	478.496	ng/ml
Methamphetamine	3.168	9651764	769001.0	38.74	∞	949844	419.984	ng/ml
Norfentanyl	4.061	66170	5479.1	271.70	11346.7	364977	52.778	ng/ml
Trazodone	5.184	5652158	390834.8	74.23	165319.9	453115	501.157	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\021423\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2023 10:11:10 AM

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-H1	**Comment**	
Injection Volume	3		
Acq. Date-Time	2/14/2023 1:17:29 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Amphetamine	3.000	4510866	361802.5	244.53	214199.8	184243	774.434	ng/ml
Cocaine	4.246	6453420	673598.4	48.39	250296.8	484293	1008.749	ng/ml
Fentanyl	5.077	573425	170711.0	123.82	∞	257275	99.032	ng/ml
Ketamine	4.020	6040911	1075043.3	37.14	39509.7	274987	837.809	ng/ml
Methamphetamine	3.168	13844992	418290.4	38.11	160977.5	835156	687.305	ng/ml
Norfentanyl	4.066	68244	24618.8	288.82	6236.9	203368	97.687	ng/ml
Trazodone	5.179	7386083	1505007.5	76.75	1288331.2	318973	930.620	ng/ml