REVIEWED
By Tamara Salazar at 8:12 am, Dec 19, 2023

12/18/2023

Worklist: 6612

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION	
C2023-2607	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-2664	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-2669	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-2682	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-2693	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-2701	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date 12/14/23 Analyst: Anne Nord
Plate lot#: 230707 Item: IDP-121-5-CDA Plate re-test: 01/07/2024

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: 23J52629 **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) or 250µL hydrolyzed urine** in wells of analytical (standards) plate. **Pipette ID: P31168J**
☒ 3. Pipette **250µL 0.5M 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 autosampler failed to align on 12/14/23. The extracts were placed in the freezer. On 12/15/23 the sampler was aligned, and the samples were injected.

Compounds evaluated	Limitations
7-aminoclonazepam	5-500 cal 8 dropped due to accuracy
Alprazolam	
Amphetamine	5-250 cal 7 and 8 dropped due to accuracy
Benzoylecgonine	
Buprenorphine	
Clonazepam	
Cocaine	
Cyclobenzaprine	
Diazepam	
Diphenhydramine	
Fentanyl	

Hydroxyzine	
Lorazepam	
Methamphetamine	5-250 cal 7 and 8 dropped due to accuracy
Norbuprenorphine	qualitative from 0.5 to 1.0
Nordiazepam	
Norfentanyl	
Oxazepam	

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	2693-1									
B	IS + Cal. 2	IS + QC_2	2669-2									
C	IS + Cal. 3	IS + QC 3	2664-1									
D	IS + Cal. 4	IS + QC_4	2701-1									
E	IS + Cal. 5	IS + QC_2										
F	IS + Cal. 6	negative blood										
G	IS + Cal. 7	2607-1										
H	IS + Cal. 8	2682-1										

blank in front

plate position 2

c2023-____-_

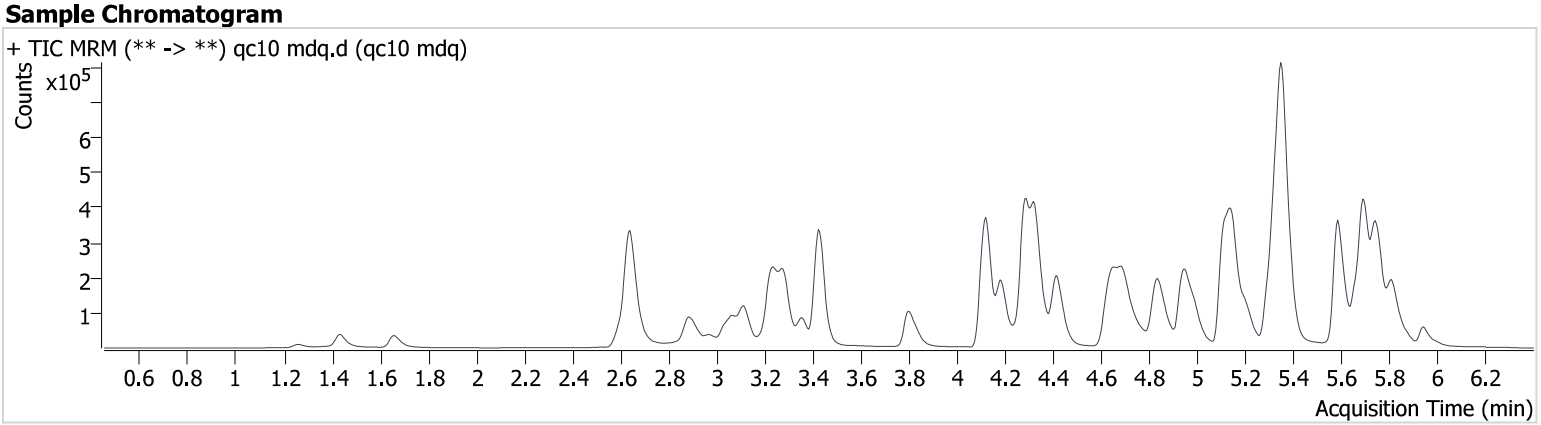
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type QC
Acq. Method mdqp1 121523.m
Sample Position P2-A2
Injection Volume 3
Acq. Date-Time 12/15/2023 3:28:03 PM
Sample Info.

Data File qc10 mdq.d
Sample qc10 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.267	16767	1613.6	121.74	2554.1	86375	10.506	ng/ml
Alprazolam	5.767	42080	5330.5	92.25	736.4	153991	10.483	ng/ml
Amphetamine	3.116	57950	2536.0	278.03	9022.4	190407	11.136	ng/ml
Benzoylecgonine	3.884	2187	251767.6	37.82	414.1	6689	11.181	ng/ml
Buprenorphine	5.853	4561	∞	14.88	∞	61404	0.944	ng/ml
Clonazepam	5.606	5305	1606.8	40.32	428.5	8755	10.995	ng/ml
Cocaine	4.327	102102	4378.9	44.49	2670.4	731306	10.243	ng/ml
Cyclobenzaprine	5.665	110883	1996.1	10.48	29784.0	344343	10.452	ng/ml
Diazepam	5.944	26549	3437.9	84.47	3240.8	108115	10.838	ng/ml
Diphenhydramine	5.356	306524	12411.7	32.41	1222.1	1331391	10.265	ng/ml
Fentanyl	5.155	10303	376.2	139.44	924.4	413172	1.028	ng/ml
Hydroxyzine	5.745	114663	∞	110.07	6311.9	1331391	10.557	ng/ml
Lorazepam	5.746	2354	221.2	45.14	17.2	108115	11.220	ng/ml
Methamphetamine	3.289	230147	∞	37.80	8537.8	532280	7.263	ng/ml
Norbuprenorphine	5.061	707	271122.1	95.66	3364.2	9499	1.271	ng/ml
Nordiazepam	5.894	5053	1119.6	60.12	450.5	15939	10.342	ng/ml
Norfentanyl	4.132	3743	2104.0	29.11	1225.5	519093	0.910	ng/ml
Oxazepam	5.748	3109	538.5	65.50	26.6	13971	11.033	ng/ml

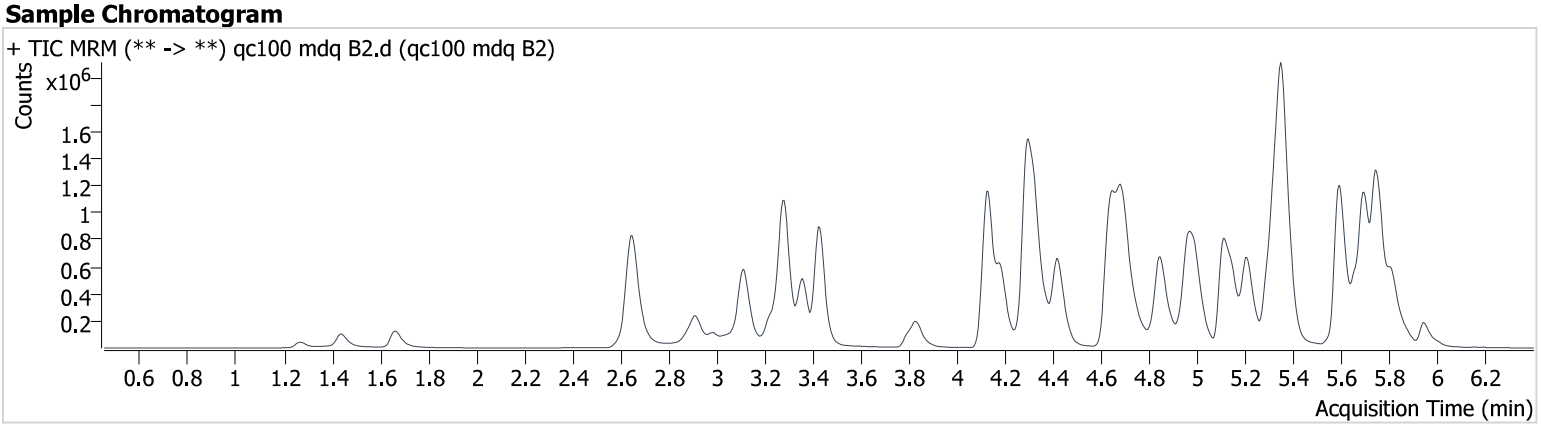
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type Sample
Acq. Method mdqp1 121523.m
Sample Position P2-B2
Injection Volume 3
Acq. Date-Time 12/15/2023 5:12:34 PM
Sample Info.

Data File qc100 mdq B2.d
Sample qc100 mdq B2
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.267	120089	10326.6	116.34	6643.9	63545	106.700	ng/ml
Alprazolam	5.767	337965	14467.3	95.18	4899.1	127649	98.977	ng/ml
Amphetamine	3.116	414129	13728.0	253.41	41505.4	175660	99.743	ng/ml
Benzoylecgonine	3.884	22310	124971.3	41.75	1274.3	7355	100.330	ng/ml
Buprenorphine	5.853	43489	∞	14.95	4087.4	56041	9.425	ng/ml
Clonazepam	5.606	43500	569190.7	36.63	11794.8	6940	114.373	ng/ml
Cocaine	4.327	916487	1046380.1	44.05	72859.9	665971	101.147	ng/ml
Cyclobenzaprine	5.665	887694	88350.3	10.36	1340.5	282521	103.065	ng/ml
Diazepam	5.944	232675	2480.2	86.69	∞	100444	102.255	ng/ml
Diphenhydramine	5.356	2615852	90262.6	32.39	∞	1133235	100.097	ng/ml
Fentanyl	5.155	98075	38709.3	134.36	5147.7	399634	10.000	ng/ml
Hydroxyzine	5.745	943959	251295.5	107.73	46772.5	1133235	102.348	ng/ml
Lorazepam	5.746	18075	5605.6	41.29	285.7	100444	103.450	ng/ml
Methamphetamine	3.284	1523262	100339.4	37.82	52151.8	519667	109.221	ng/ml
Norbuprenorphine	5.056	5558	6462.7	97.51	7139.8	8959	10.763	ng/ml
Nordiazepam	5.894	42536	3416.3	62.28	3904.1	13613	102.886	ng/ml
Norfentanyl	4.137	37069	2899.9	28.81	371669.2	417973	10.633	ng/ml
Oxazepam	5.753	24097	2813.4	65.20	249.9	11266	107.754	ng/ml

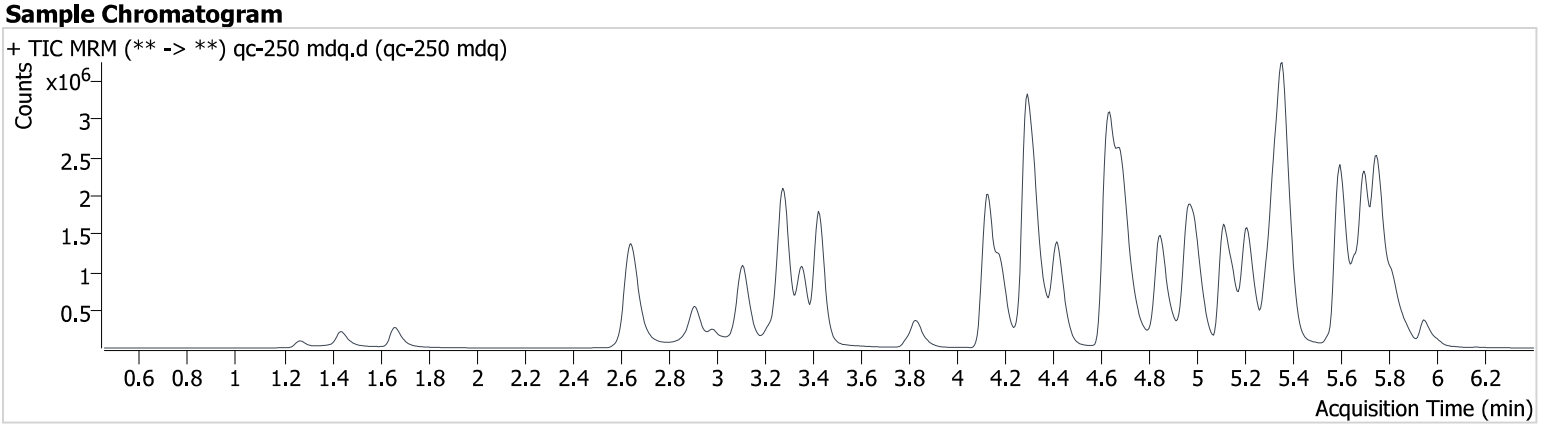
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type QC
Acq. Method mdqp1 121523.m
Sample Position P2-C2
Injection Volume 3
Acq. Date-Time 12/15/2023 3:36:45 PM
Sample Info.

Data File qc-250 mdq.d
Sample qc-250 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.261	252781	8650.2	116.16	13885.0	59021	242.452	ng/ml
Alprazolam	5.773	715245	15953.8	90.83	∞	101469	263.017	ng/ml
Amphetamine	3.116	819828	186937.1	245.52	95170.6	173331	202.119	ng/ml
Benzoylecgonine	3.879	57780	1327487.0	42.57	3039.4	7414	257.144	ng/ml
Buprenorphine	5.853	104969	∞	15.28	19131.2	51160	24.843	ng/ml
Clonazepam	5.611	95857	37038.1	34.89	7491.5	6189	282.723	ng/ml
Cocaine	4.322	2173183	298965.0	43.91	157050.1	640477	249.419	ng/ml
Cyclobenzaprine	5.660	1990313	690821.0	10.36	5269.0	259304	251.952	ng/ml
Diazepam	5.944	555847	7236729652 115740.0	83.30	∞	98382	249.403	ng/ml
Diphenhydramine	5.361	5857735	∞	31.41	7385459.7	1008030	251.516	ng/ml
Fentanyl	5.155	248665	32302.4	140.19	35633.5	394267	25.679	ng/ml
Hydroxyzine	5.745	2059669	105904.9	112.21	166602.9	1008030	251.096	ng/ml
Lorazepam	5.746	38666	1292.0	40.96	399.5	98382	227.678	ng/ml
Methamphetamine	3.284	3273452	10927329.8	39.19	118298.3	569974	223.953	ng/ml
Norbuprenorphine	5.061	13549	24194.1	102.15	∞	9802	24.009	ng/ml
Nordiazepam	5.894	102199	50502.1	61.83	9904.2	13035	258.330	ng/ml
Norfentanyl	4.137	64310	11351.5	29.84	35353.3	296813	25.906	ng/ml
Oxazepam	5.753	50508	7041.3	73.81	5154.7	10142	251.151	ng/ml

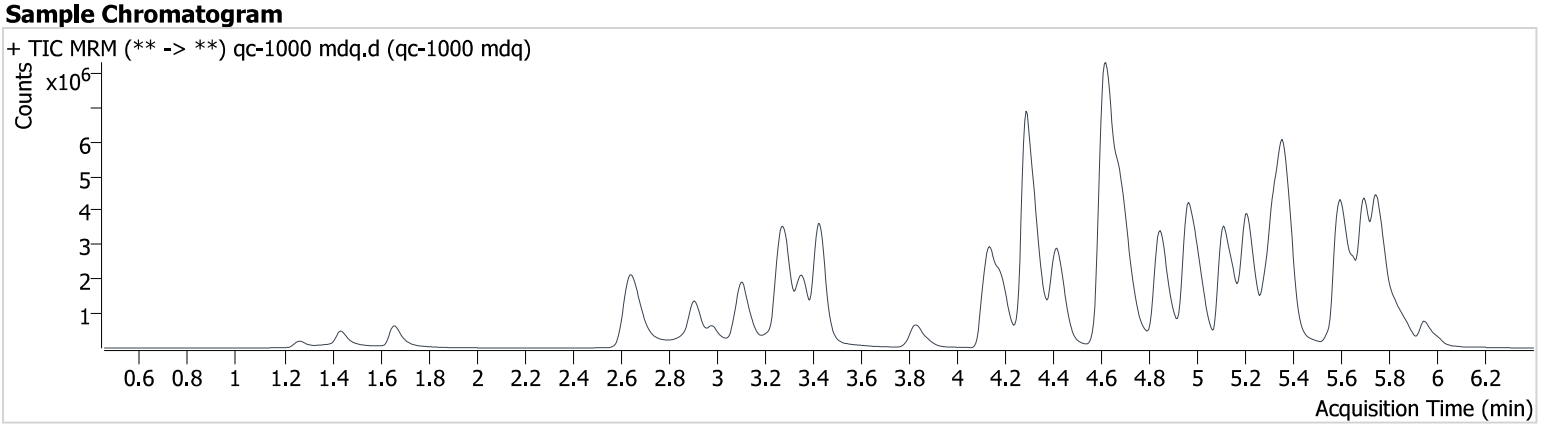
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type QC
Acq. Method mdqp1 121523.m
Sample Position P2-D2
Injection Volume 3
Acq. Date-Time 12/15/2023 3:45:27 PM
Sample Info.

Data File qc-1000 mdq.d
Sample qc-1000 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.256	555081	84670.1	113.50	79376.5	41765	753.441	ng/ml
Alprazolam	5.773	1278647	∞	92.41	8093.7	43858	1086.901	ng/ml
Amphetamine	3.111	1462167	∞	241.60	∞	128014	490.918	ng/ml
Benzoylecgonine	3.884	220191	∞	42.54	13439.0	6710	1081.427	ng/ml
Buprenorphine	5.853	279018	678405.2	15.38	43629.7	28523	118.268	ng/ml
Clonazepam	5.616	189621	∞	32.80	29305.3	3404	1017.094	ng/ml
Cocaine	4.322	4860052	14811356.2	42.86	84040.8	355429	1005.200	ng/ml
Cyclobenzaprine	5.660	3775129	845683.4	11.10	12394.1	131655	941.575	ng/ml
Diazepam	5.950	1389670	∞	85.68	∞	60382	1015.944	ng/ml
Diphenhydramine	5.366	11653812	∞	30.14	143880.3	479229	1051.537	ng/ml
Fentanyl	5.155	748458	72600.8	145.74	79396.8	277049	109.949	ng/ml
Hydroxyzine	5.750	4109446	125161.4	110.26	592901.8	479229	1053.886	ng/ml
Lorazepam	5.746	80545	56821.5	41.76	2674.9	60382	776.274	ng/ml
Methamphetamine	3.279	6929710	6138.3	37.53	∞	509115	544.989	ng/ml
Norbuprenorphine	5.061	38787	71632.8	107.16	101492.2	6974	96.682	ng/ml
Nordiazepam	5.894	266470	∞	63.79	19989.5	8786	999.587	ng/ml
Norfentanyl	4.142	85790	7210.1	28.62	2049765168 0976.7	88527	115.698	ng/ml
Oxazepam	5.753	113912	34189.2	72.76	23648.2	5255	1093.811	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument	69679	**Data File**	negative blood f2.d
Type	Sample	**Sample**	negative blood f2
Acq. Method	mdqp1 121523.m	**Operator**	Anne Nord
Sample Position	P2-F2	**Comment**	
Injection Volume	3		
Acq. Date-Time	12/15/2023 4:02:54 PM		
Sample Info.			

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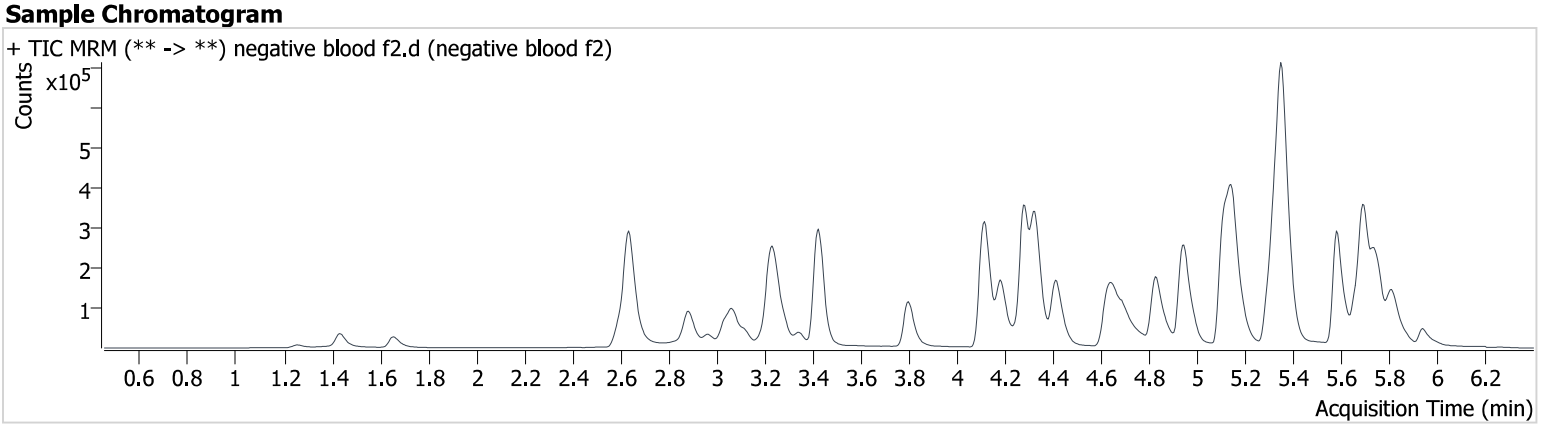
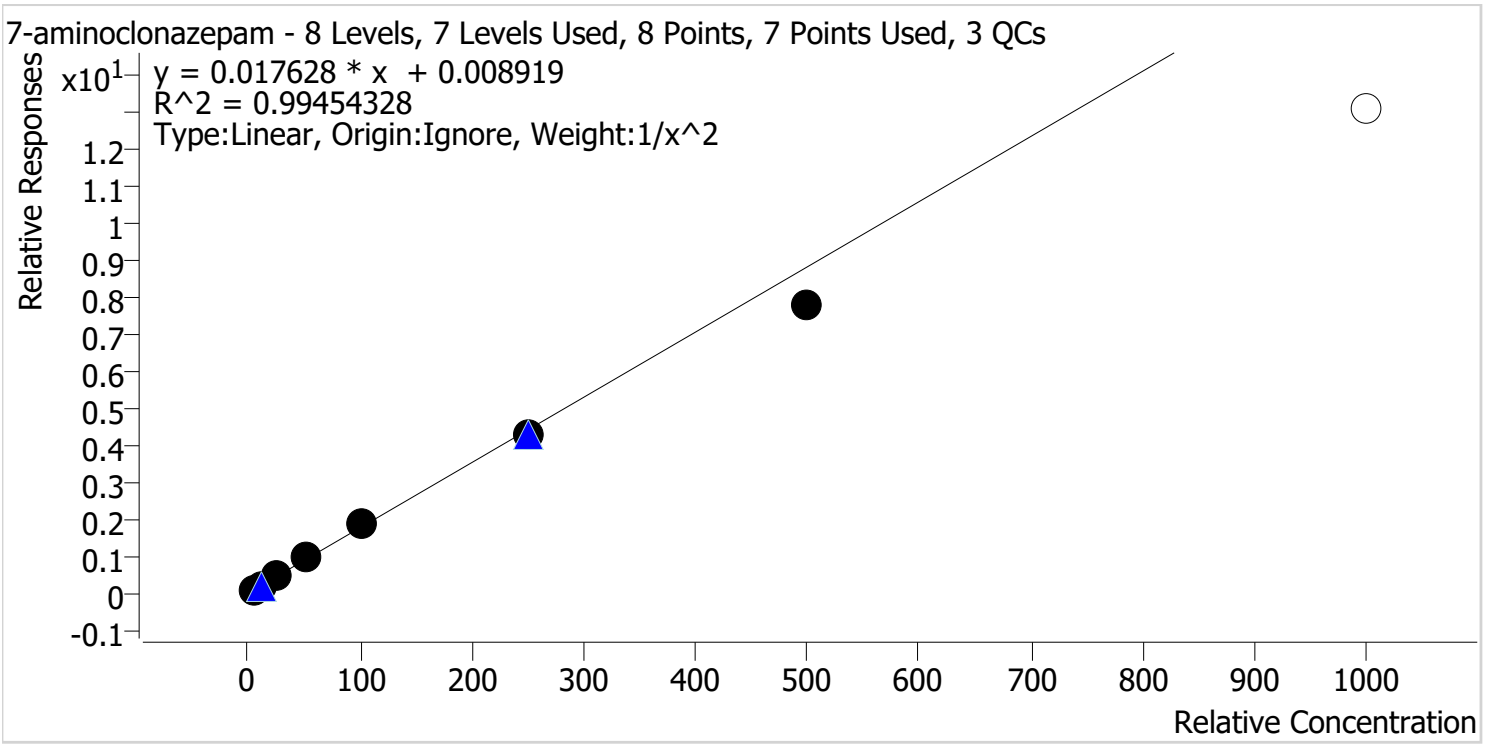
Sample Chromatogram



Compound Calibration Report

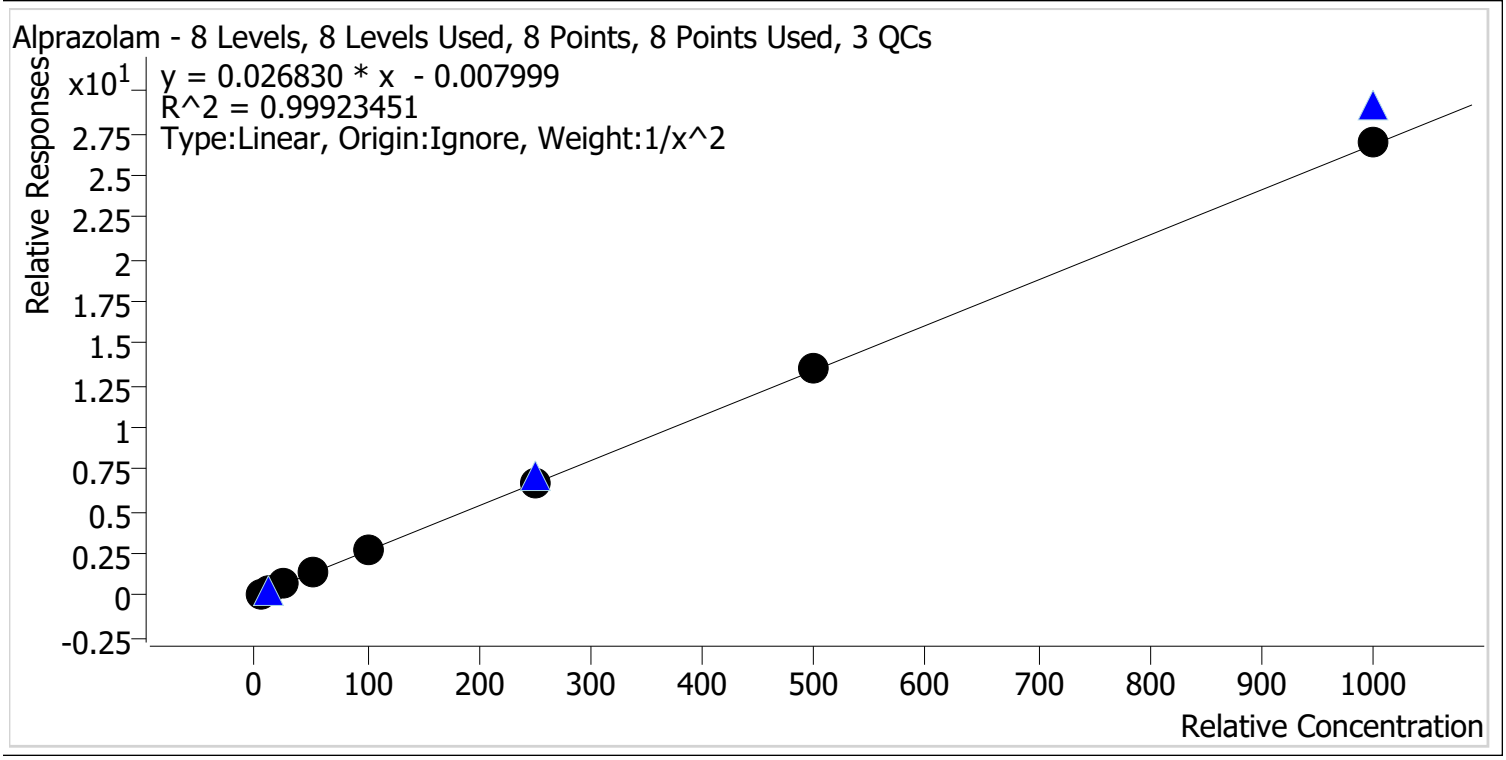
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	7-aminoclonazepam
Internal Standard	7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	4.9	97.3
cal 2 mdq	2	✔	10.0	10.2	101.8
cal 3 mdq	3	✔	25.0	26.6	106.2
cal 4 mdq	4	✔	50.0	52.4	104.8
cal 5 mdq	5	✔	100.0	104.3	104.3
cal 6 mdq	6	✔	250.0	242.9	97.2
cal 7 mdq	7	✔	500.0	441.6	88.3
cal 8 mdq	8	✗	1000.0	742.2	74.2

Compound Calibration Report

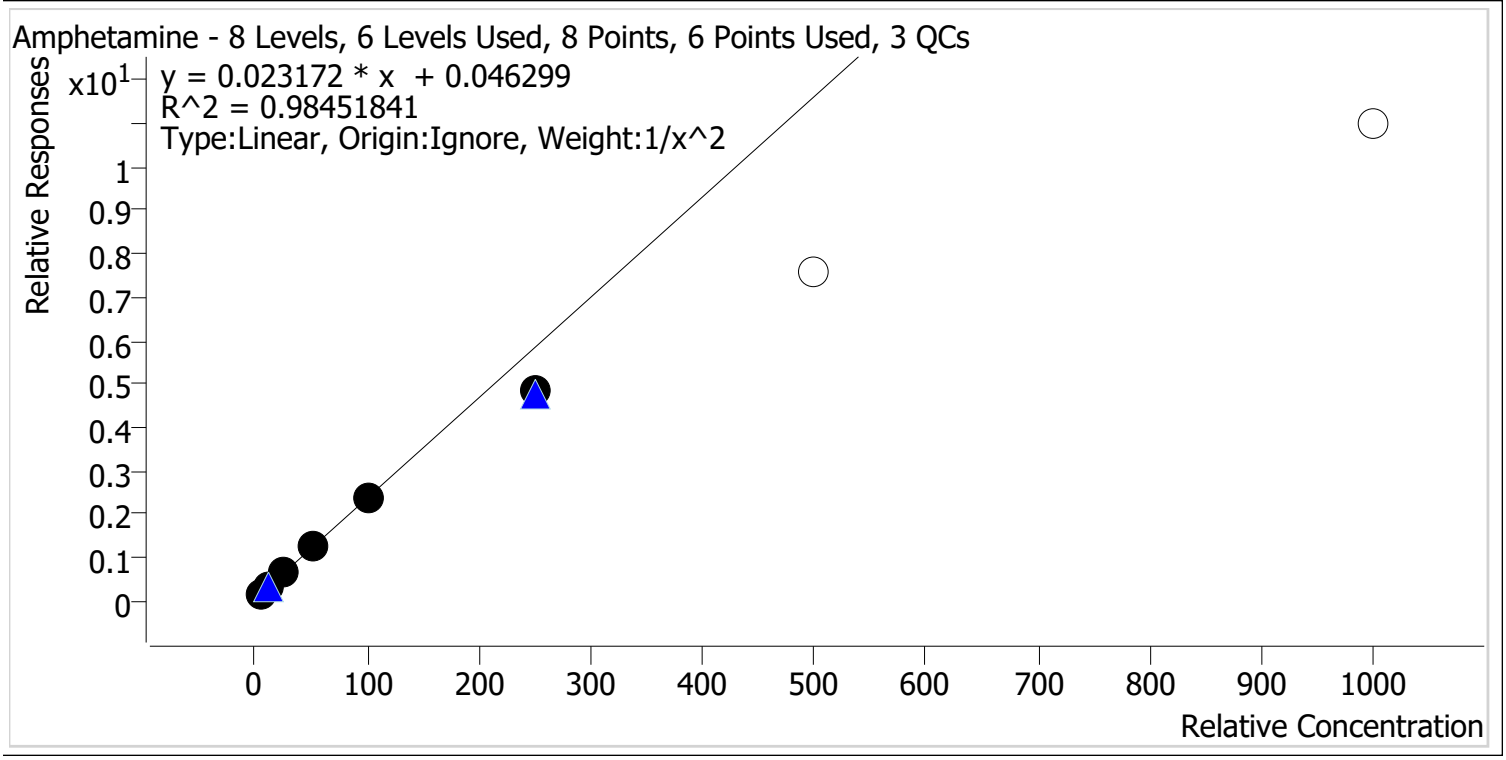
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Alprazolam
Internal Standard	Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.1	102.7
cal 2 mdq	2	✔	10.0	9.5	95.1
cal 3 mdq	3	✔	25.0	24.7	98.8
cal 4 mdq	4	✔	50.0	49.5	98.9
cal 5 mdq	5	✔	100.0	101.9	101.9
cal 6 mdq	6	✔	250.0	251.8	100.7
cal 7 mdq	7	✔	500.0	508.0	101.6
cal 8 mdq	8	✔	1000.0	1002.1	100.2

Compound Calibration Report

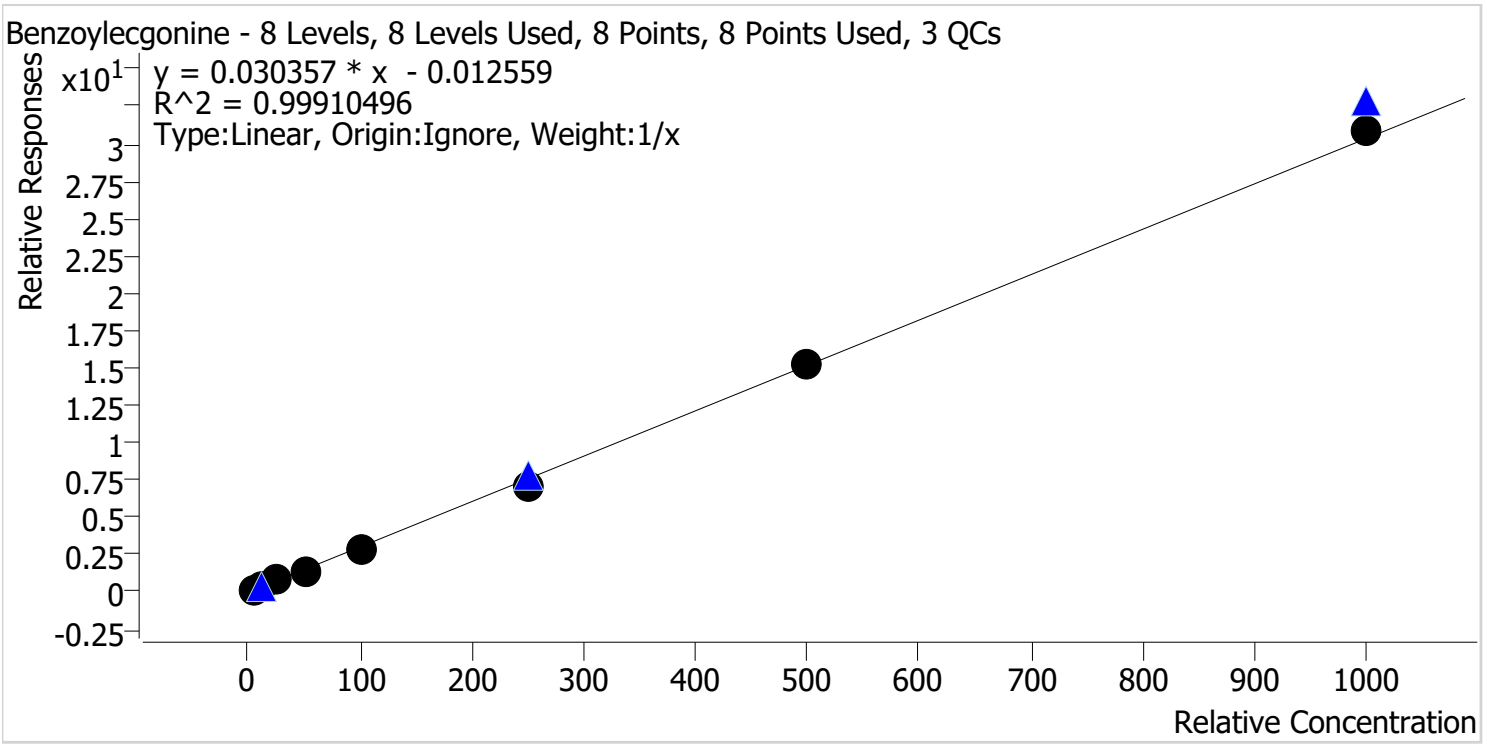
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Amphetamine
Internal Standard	Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	4.8	95.1
cal 2 mdq	2	✔	10.0	10.5	104.5
cal 3 mdq	3	✔	25.0	27.9	111.7
cal 4 mdq	4	✔	50.0	53.5	107.0
cal 5 mdq	5	✔	100.0	98.7	98.7
cal 6 mdq	6	✔	250.0	207.5	83.0
cal 7 mdq	7	✗	500.0	323.9	64.8
cal 8 mdq	8	✗	1000.0	474.0	47.4

Compound Calibration Report

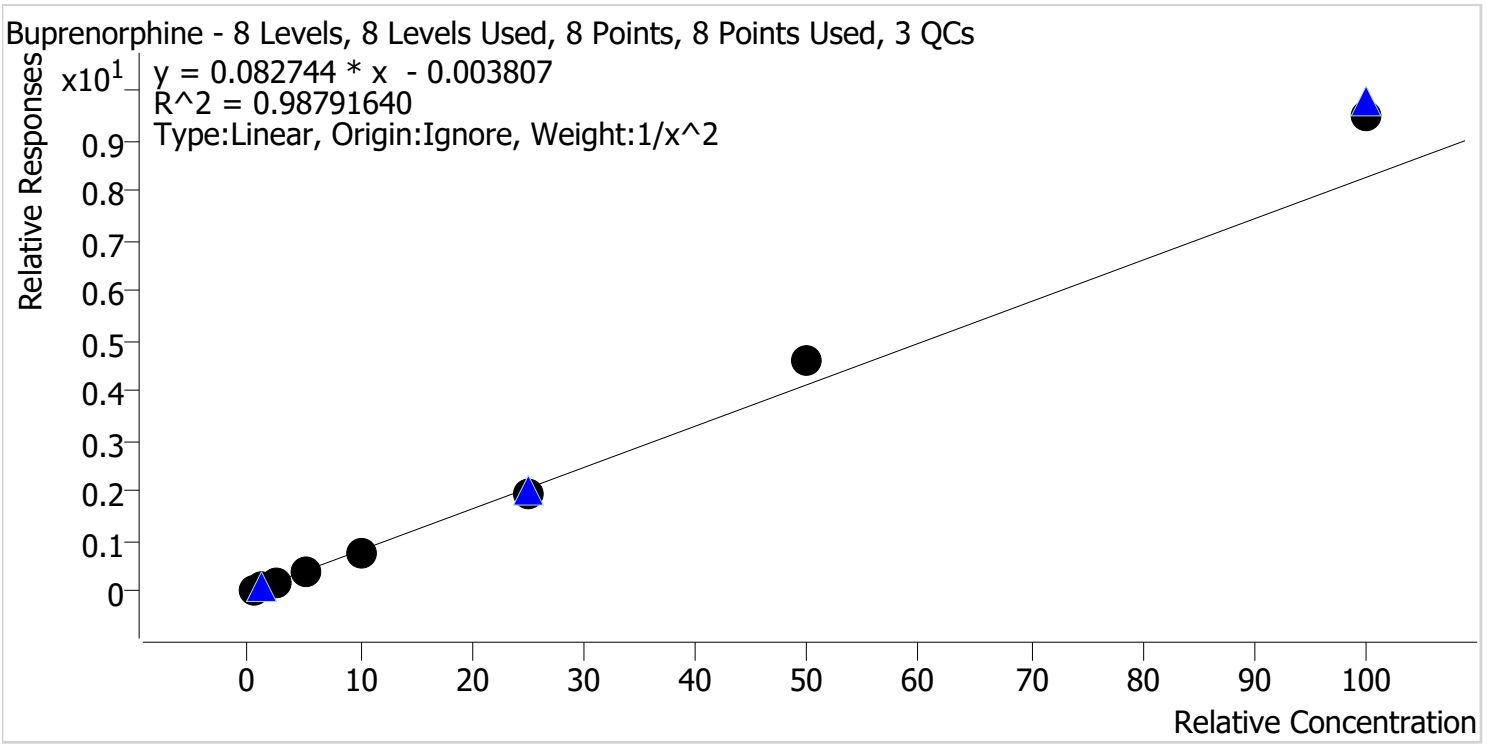
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Benzoylecgonine
Internal Standard	Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.7	113.7
cal 2 mdq	2	✔	10.0	10.0	99.7
cal 3 mdq	3	✔	25.0	25.1	100.4
cal 4 mdq	4	✔	50.0	46.7	93.3
cal 5 mdq	5	✔	100.0	96.1	96.1
cal 6 mdq	6	✔	250.0	235.9	94.3
cal 7 mdq	7	✔	500.0	503.8	100.8
cal 8 mdq	8	✔	1000.0	1016.9	101.7

Compound Calibration Report

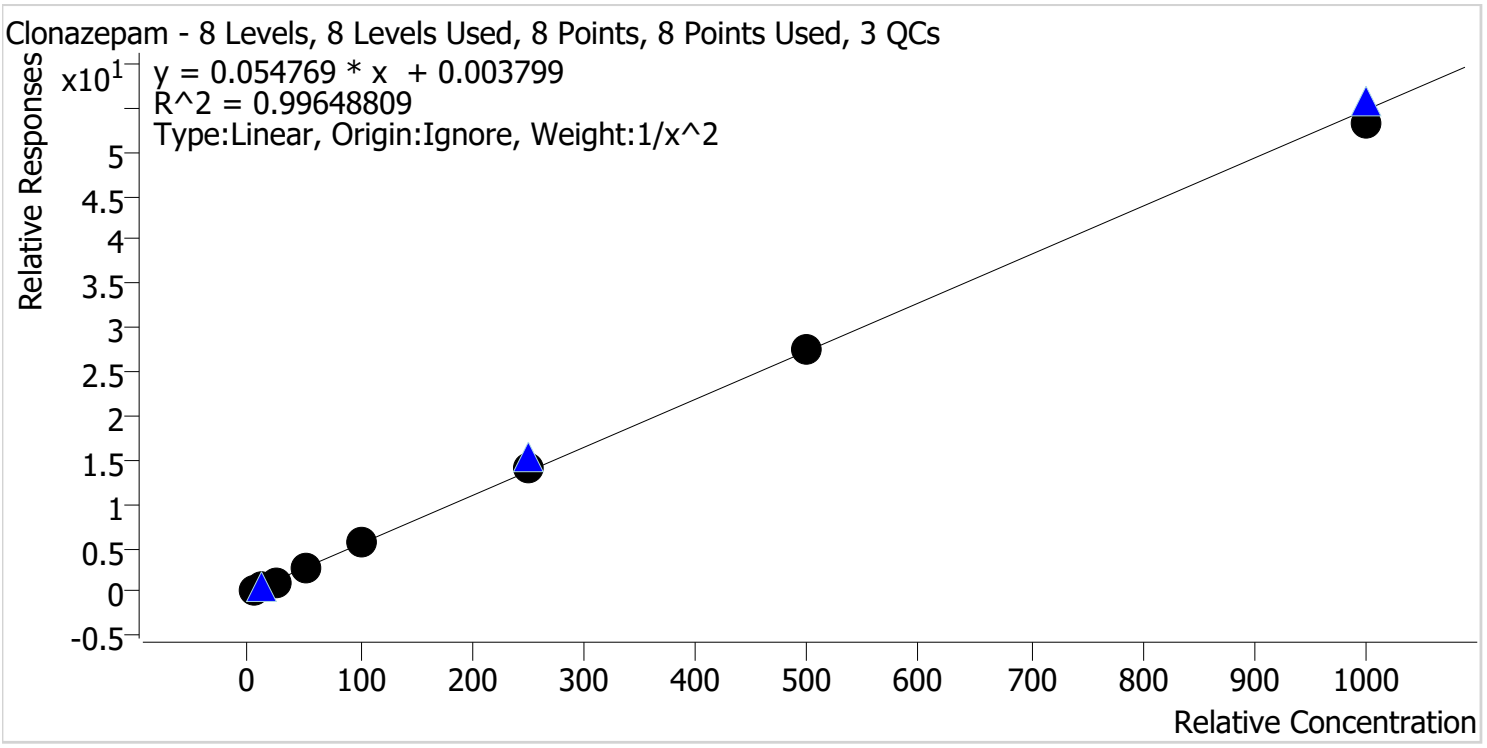
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Buprenorphine
Internal Standard	Buprenorphine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	0.5	0.5	105.6
cal 2 mdq	2	✔	1.0	0.9	94.5
cal 3 mdq	3	✔	2.5	2.3	90.6
cal 4 mdq	4	✔	5.0	4.6	91.5
cal 5 mdq	5	✔	10.0	9.5	94.7
cal 6 mdq	6	✔	25.0	23.9	95.7
cal 7 mdq	7	✔	50.0	56.2	112.4
cal 8 mdq	8	✔	100.0	115.0	115.0

Compound Calibration Report

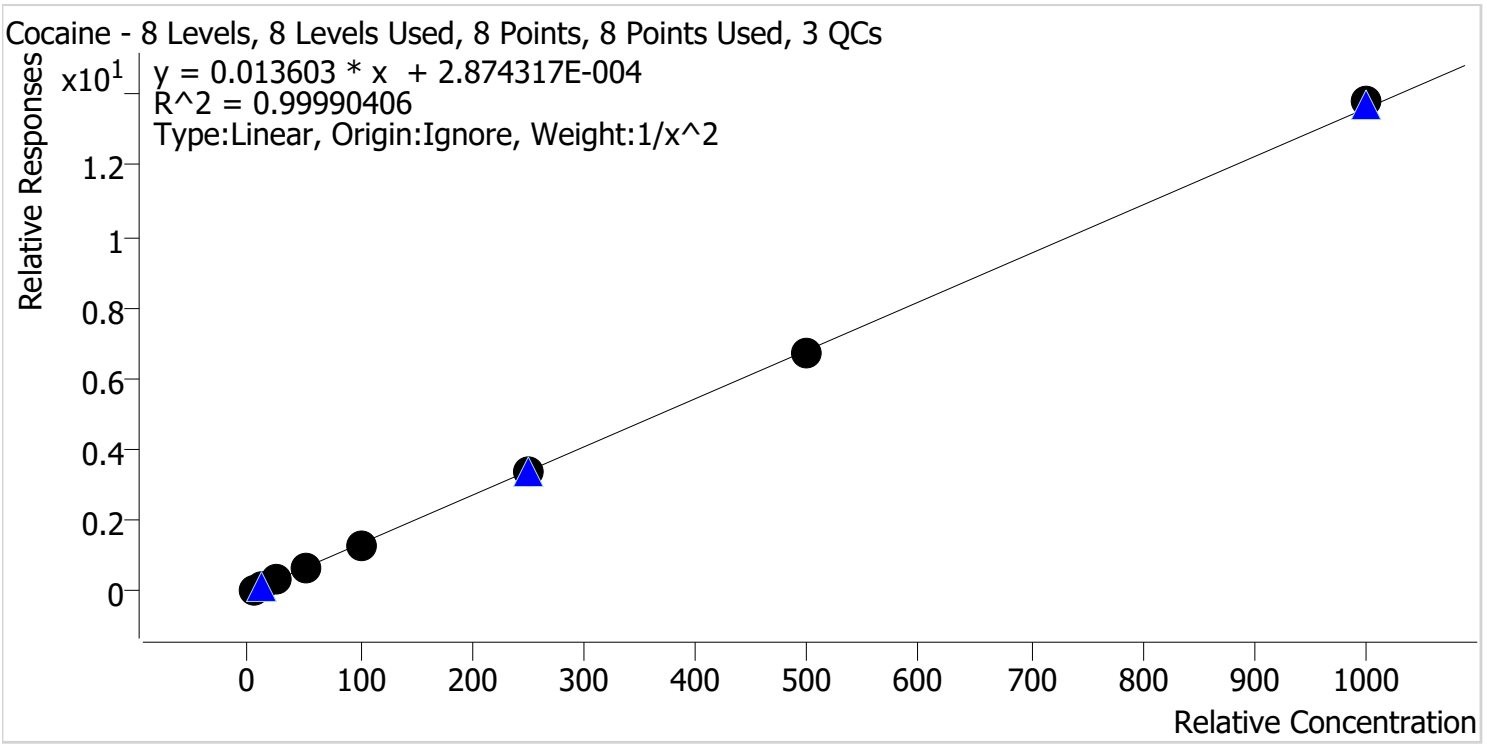
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Clonazepam
Internal Standard	Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.0	100.4
cal 2 mdq	2	✔	10.0	10.2	102.3
cal 3 mdq	3	✔	25.0	22.2	88.7
cal 4 mdq	4	✔	50.0	52.6	105.3
cal 5 mdq	5	✔	100.0	103.1	103.1
cal 6 mdq	6	✔	250.0	257.0	102.8
cal 7 mdq	7	✔	500.0	500.1	100.0
cal 8 mdq	8	✔	1000.0	974.6	97.5

Compound Calibration Report

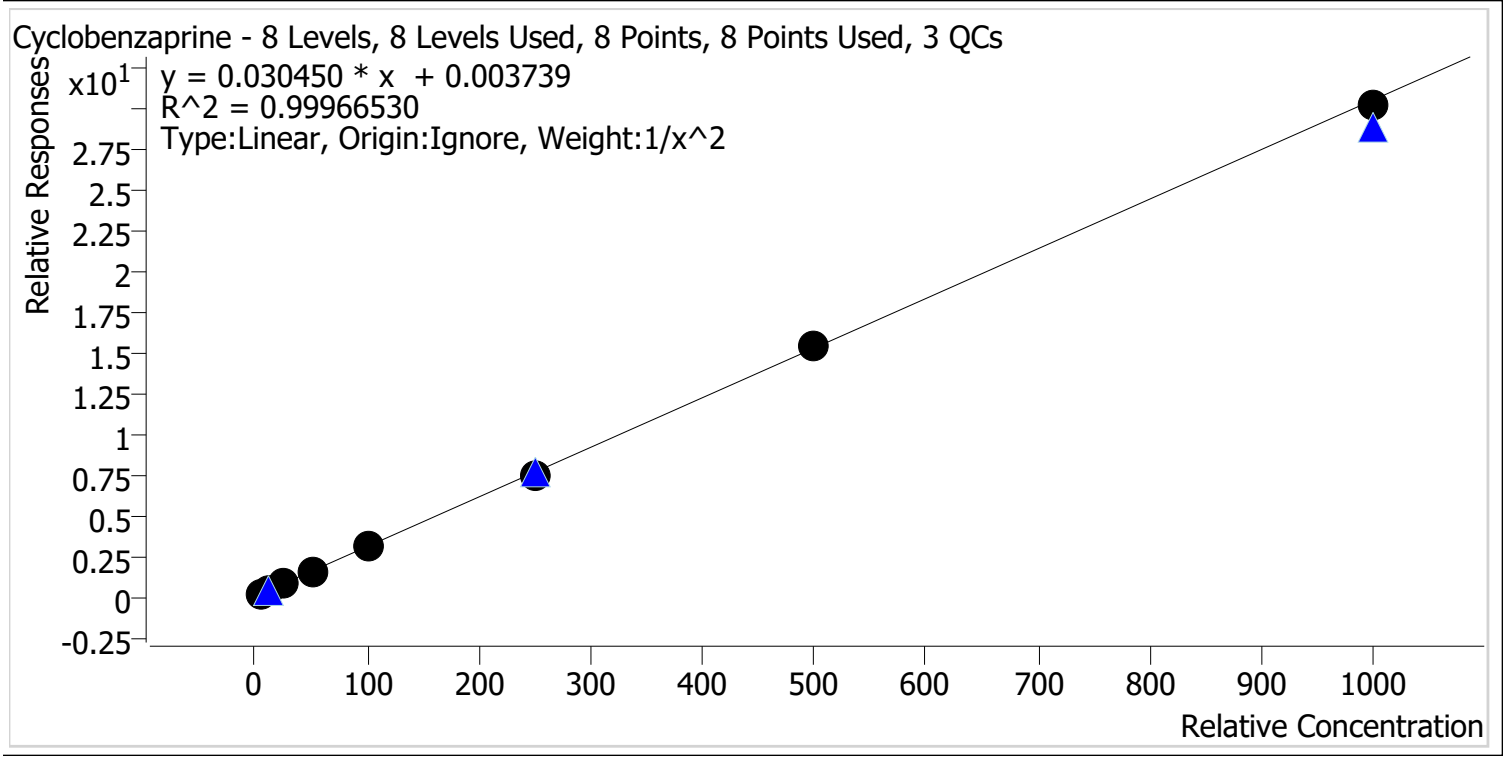
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Cocaine
Internal Standard	Cocaine-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.0	100.4
cal 2 mdq	2	✔	10.0	9.9	98.9
cal 3 mdq	3	✔	25.0	25.2	100.6
cal 4 mdq	4	✔	50.0	50.3	100.5
cal 5 mdq	5	✔	100.0	99.2	99.2
cal 6 mdq	6	✔	250.0	248.7	99.5
cal 7 mdq	7	✔	500.0	497.4	99.5
cal 8 mdq	8	✔	1000.0	1013.8	101.4

Compound Calibration Report

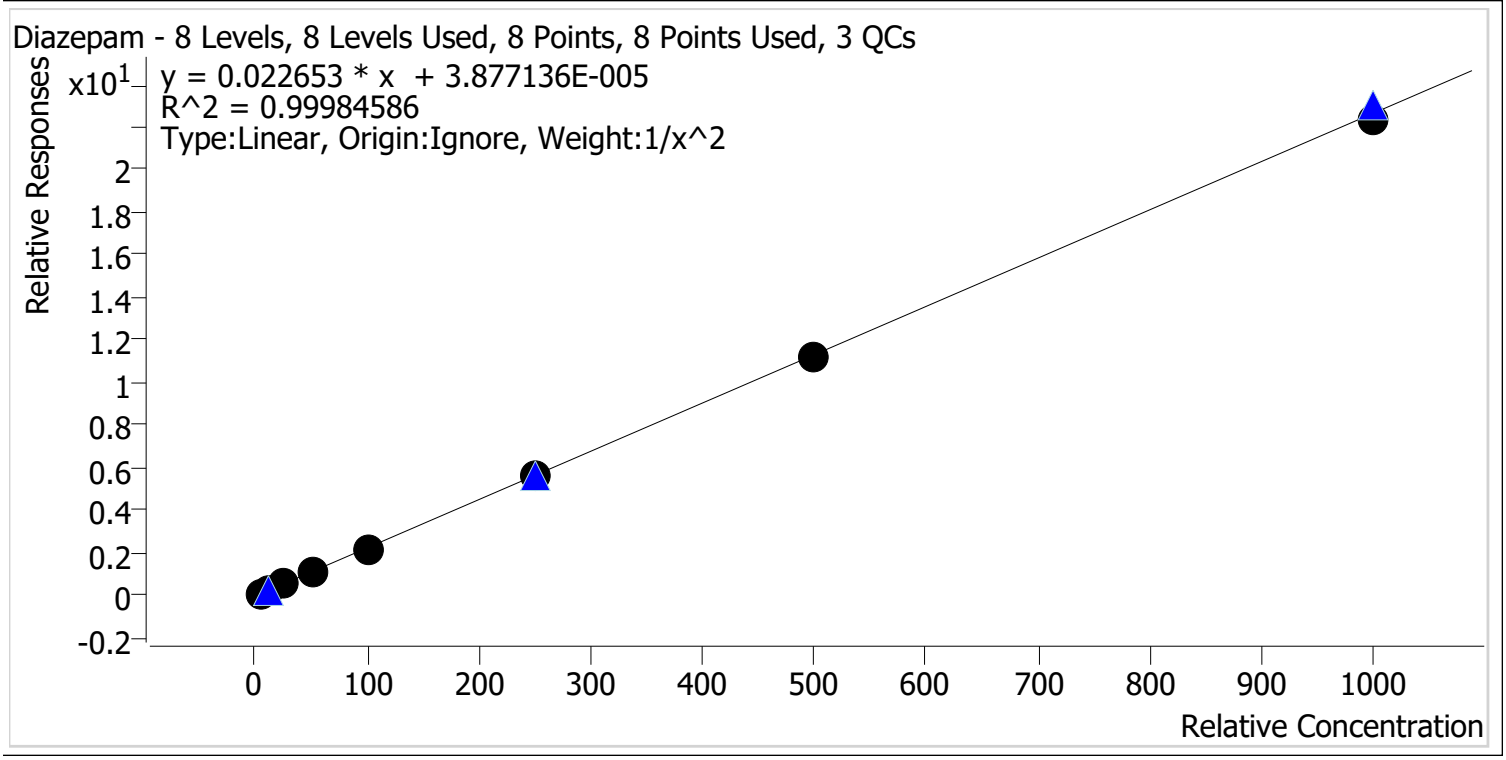
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Cyclobenzaprine
Internal Standard	Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	4.9	99.0
cal 2 mdq	2	✔	10.0	10.1	101.0
cal 3 mdq	3	✔	25.0	25.7	102.7
cal 4 mdq	4	✔	50.0	49.9	99.8
cal 5 mdq	5	✔	100.0	101.0	101.0
cal 6 mdq	6	✔	250.0	243.8	97.5
cal 7 mdq	7	✔	500.0	500.8	100.2
cal 8 mdq	8	✔	1000.0	988.6	98.9

Compound Calibration Report

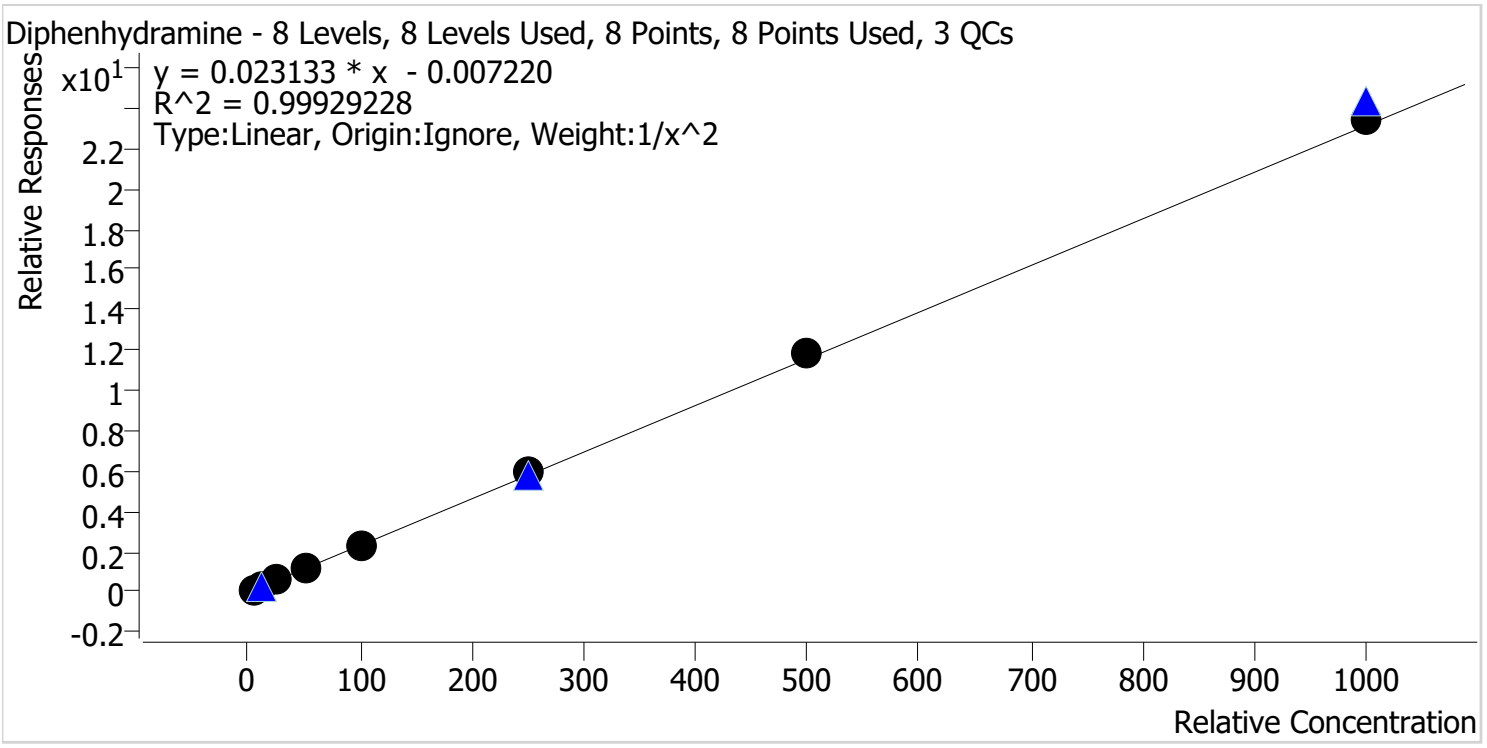
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Diazepam
Internal Standard	Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.0	99.6
cal 2 mdq	2	✔	10.0	10.0	99.9
cal 3 mdq	3	✔	25.0	25.4	101.4
cal 4 mdq	4	✔	50.0	50.9	101.8
cal 5 mdq	5	✔	100.0	99.6	99.6
cal 6 mdq	6	✔	250.0	249.8	99.9
cal 7 mdq	7	✔	500.0	495.7	99.1
cal 8 mdq	8	✔	1000.0	986.3	98.6

Compound Calibration Report

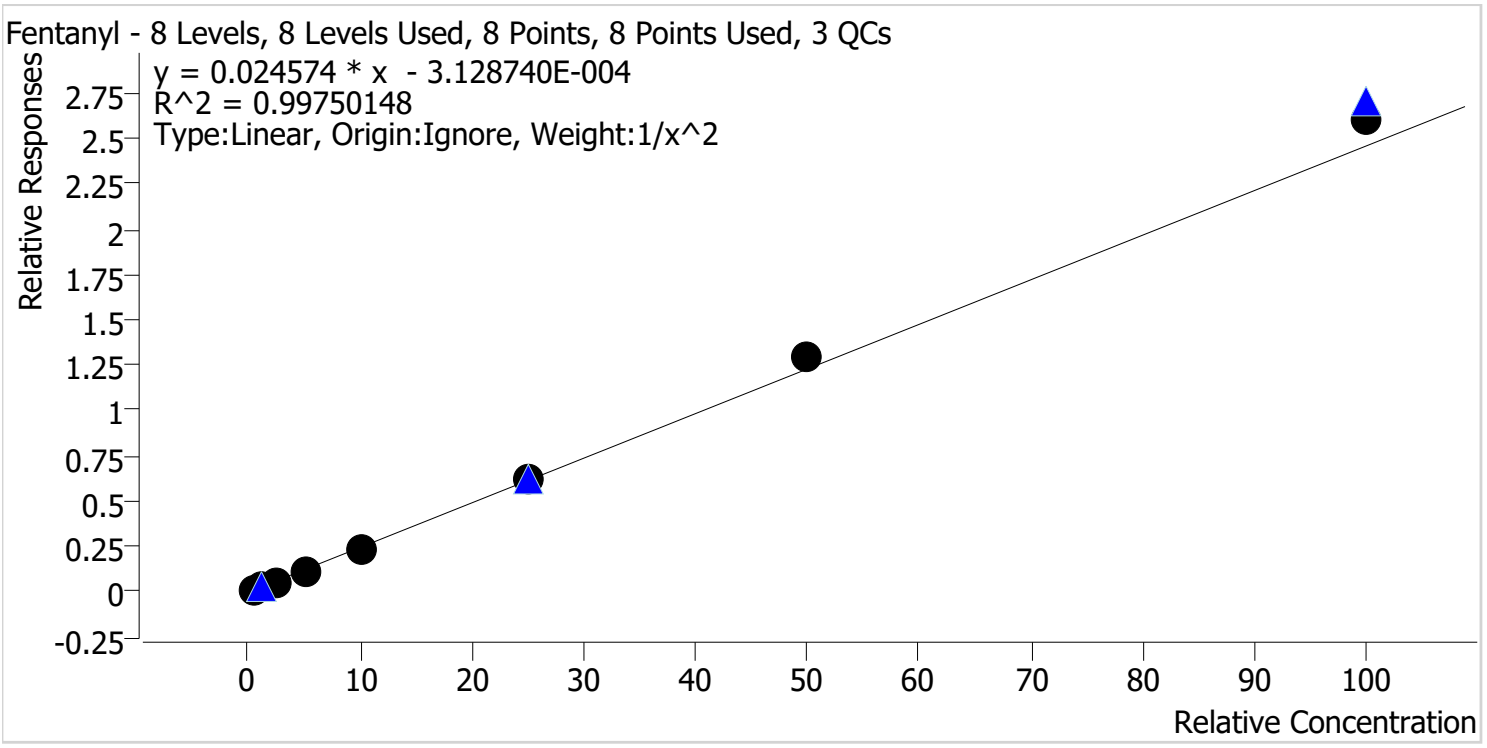
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Diphenhydramine
Internal Standard	Diphenhydramine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.0	100.7
cal 2 mdq	2	✔	10.0	10.0	99.9
cal 3 mdq	3	✔	25.0	24.5	98.2
cal 4 mdq	4	✔	50.0	49.1	98.1
cal 5 mdq	5	✔	100.0	96.3	96.3
cal 6 mdq	6	✔	250.0	255.1	102.0
cal 7 mdq	7	✔	500.0	515.8	103.2
cal 8 mdq	8	✔	1000.0	1015.6	101.6

Compound Calibration Report

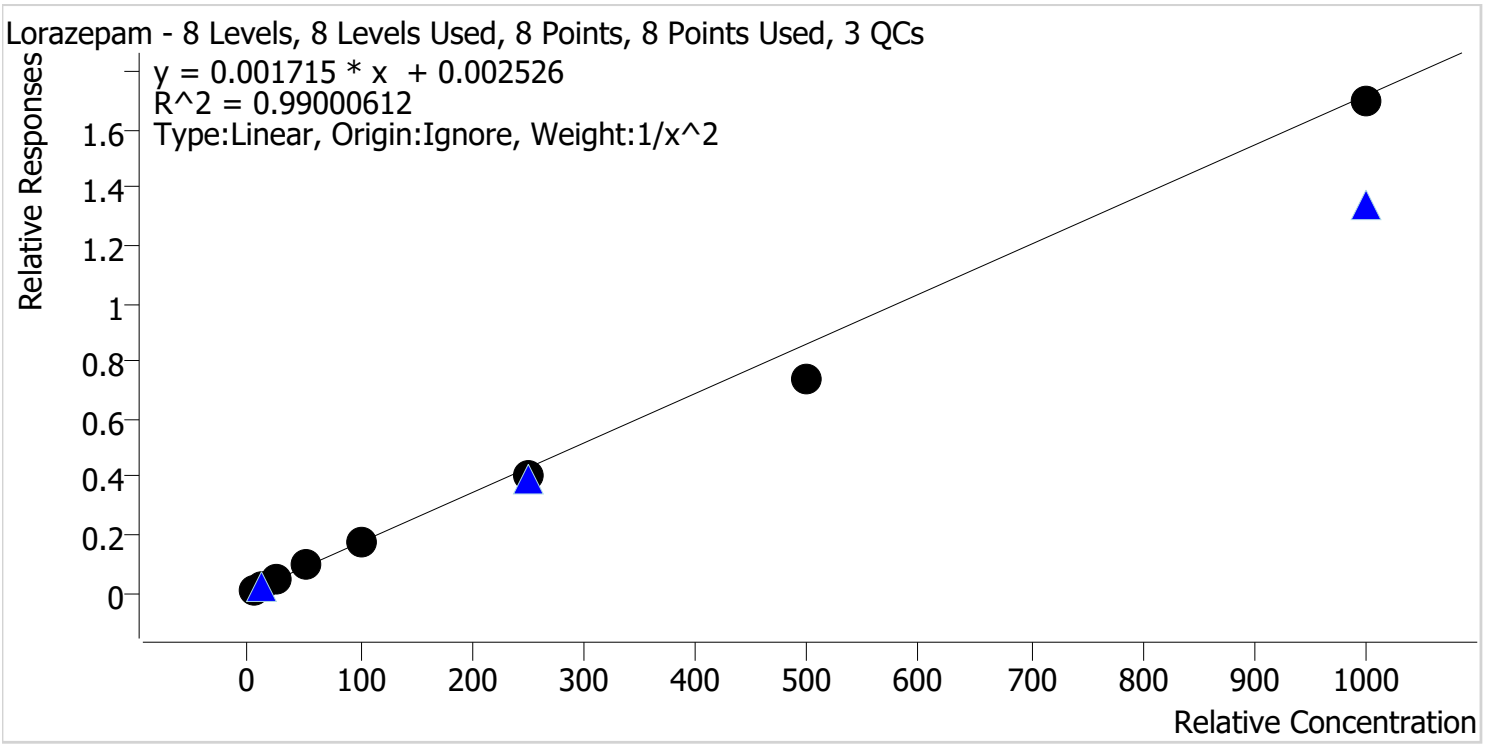
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Fentanyl
Internal Standard	Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	0.5	0.5	103.0
cal 2 mdq	2	✔	1.0	1.0	96.8
cal 3 mdq	3	✔	2.5	2.4	95.8
cal 4 mdq	4	✔	5.0	4.7	95.0
cal 5 mdq	5	✔	10.0	9.7	97.2
cal 6 mdq	6	✔	25.0	25.3	101.3
cal 7 mdq	7	✔	50.0	52.4	104.7
cal 8 mdq	8	✔	100.0	106.3	106.3

Compound Calibration Report

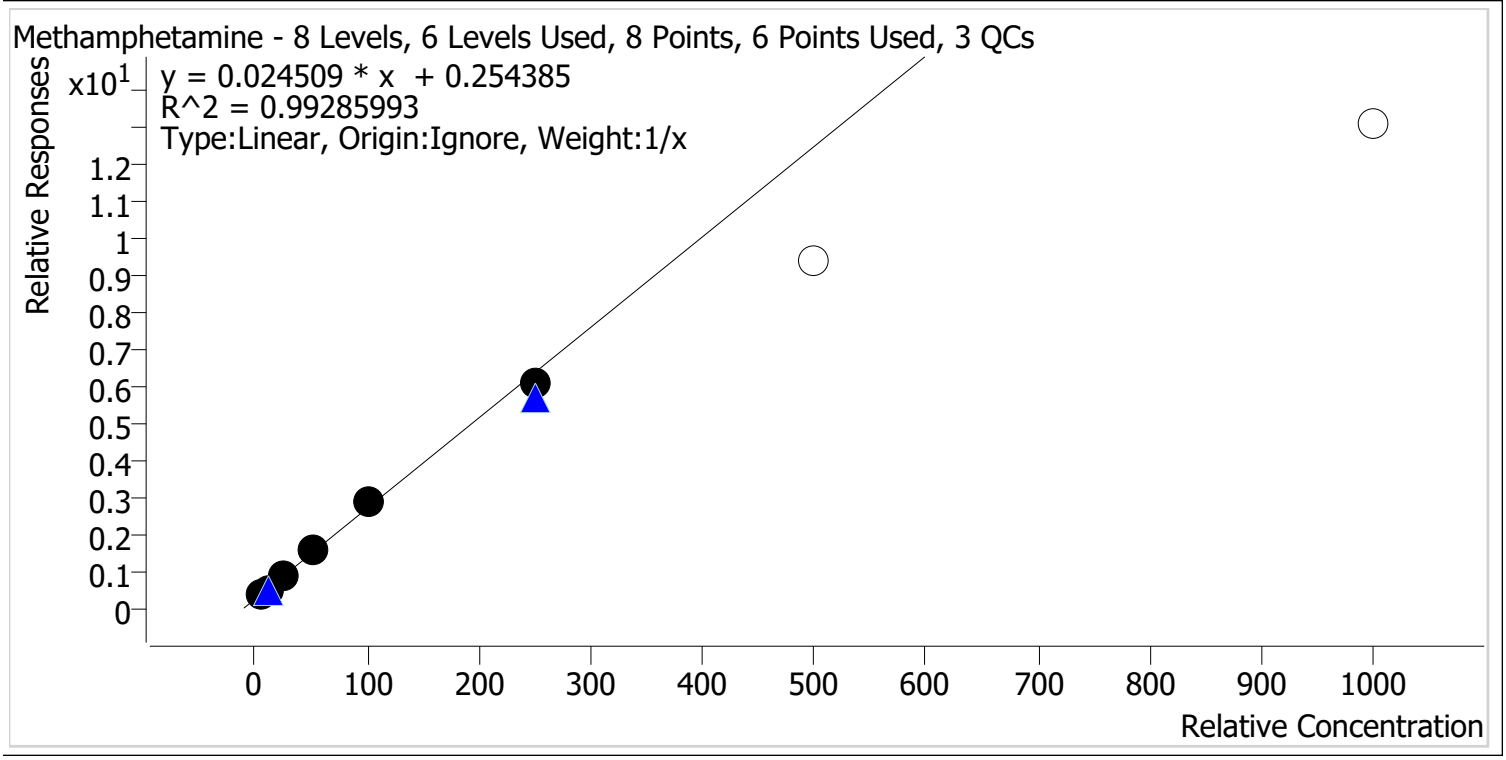
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Lorazepam
Internal Standard	Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	4.7	94.0
cal 2 mdq	2	✔	10.0	10.7	106.9
cal 3 mdq	3	✔	25.0	27.0	108.0
cal 4 mdq	4	✔	50.0	55.6	111.1
cal 5 mdq	5	✔	100.0	102.7	102.7
cal 6 mdq	6	✔	250.0	231.5	92.6
cal 7 mdq	7	✔	500.0	429.7	85.9
cal 8 mdq	8	✔	1000.0	987.6	98.8

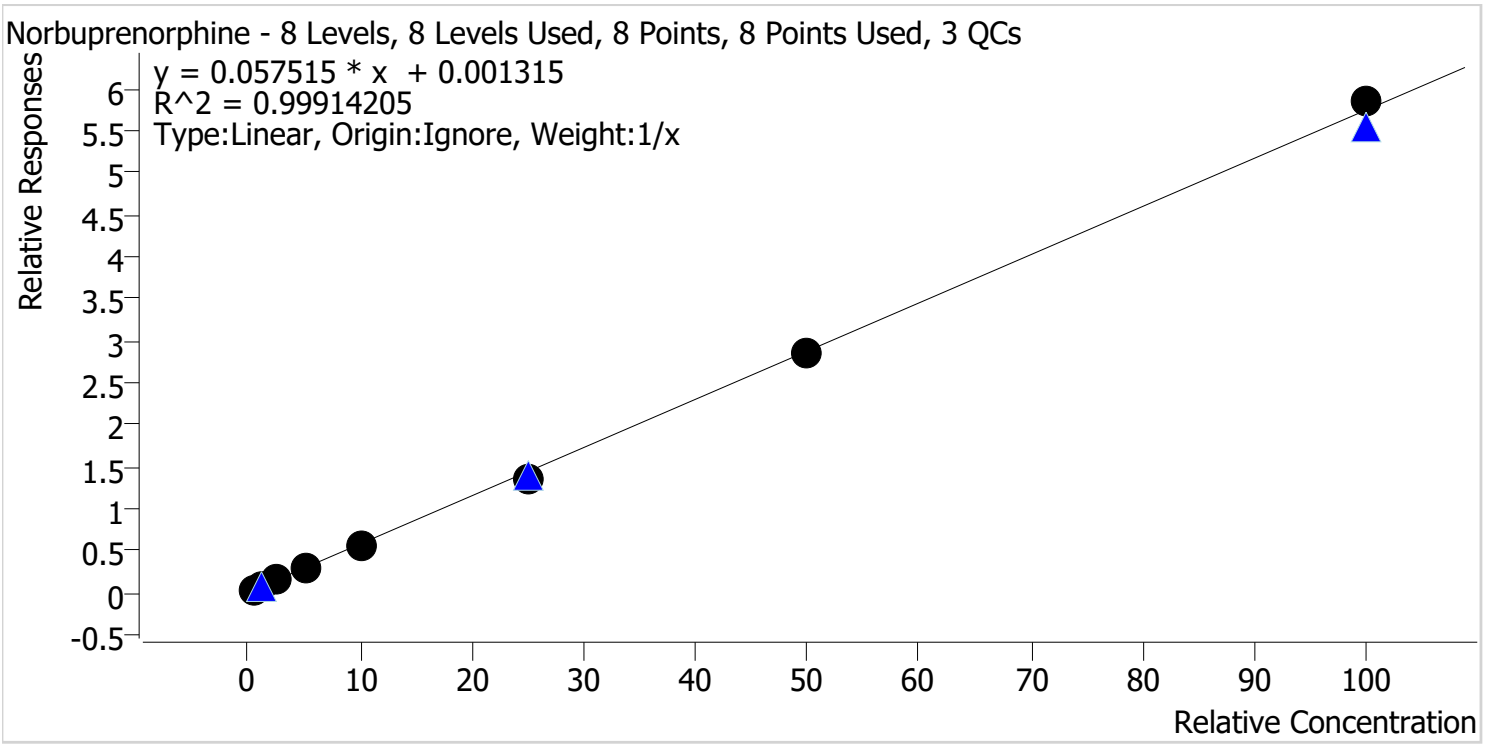
Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Methamphetamine
Internal Standard	Methamphetamine-D11



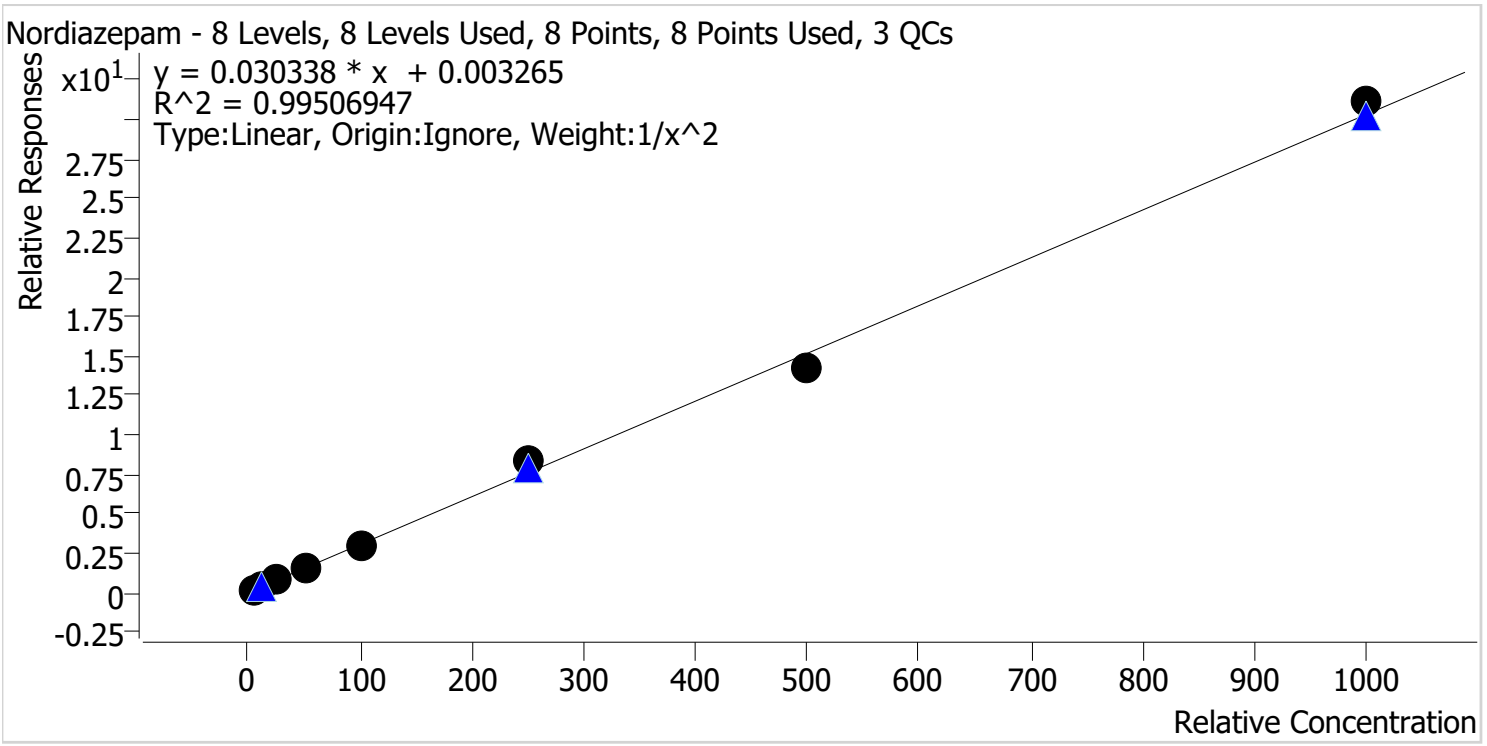
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.6	112.2
cal 2 mdq	2	✔	10.0	7.0	70.3
cal 3 mdq	3	✔	25.0	26.5	105.9
cal 4 mdq	4	✔	50.0	54.1	108.2
cal 5 mdq	5	✔	100.0	107.8	107.8
cal 6 mdq	6	✔	250.0	239.0	95.6
cal 7 mdq	7	✗	500.0	374.8	75.0
cal 8 mdq	8	✗	1000.0	525.4	52.5

Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 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	100.4
cal 2 mdq	2	✔	1.0	1.0	98.5
cal 3 mdq	3	✔	2.5	2.7	106.1
cal 4 mdq	4	✔	5.0	5.2	104.7
cal 5 mdq	5	✔	10.0	9.4	94.2
cal 6 mdq	6	✔	25.0	23.7	94.9
cal 7 mdq	7	✔	50.0	49.7	99.5
cal 8 mdq	8	✔	100.0	101.8	101.8

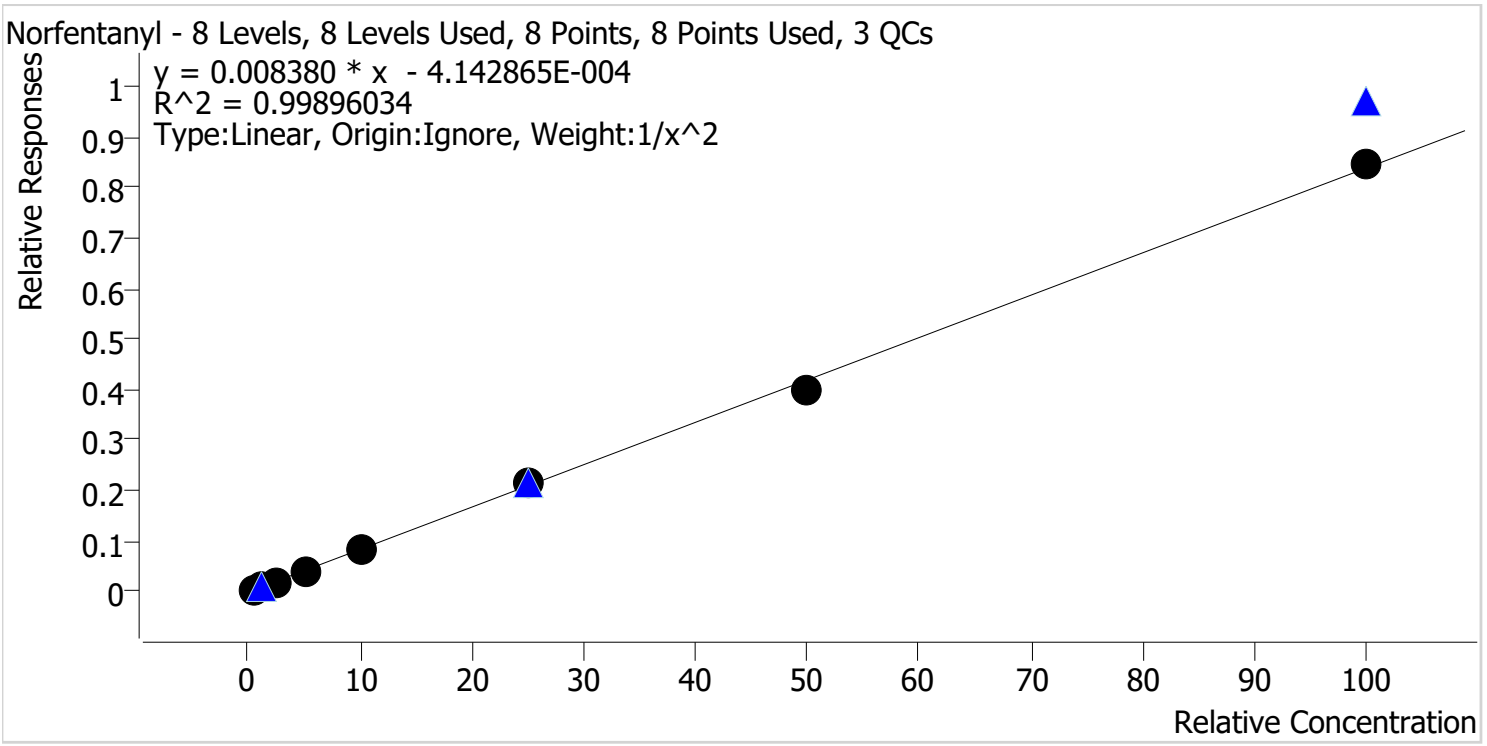
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Nordiazepam
Internal Standard	Nordiazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.2	104.3
cal 2 mdq	2	✔	10.0	9.1	90.7
cal 3 mdq	3	✔	25.0	25.2	100.9
cal 4 mdq	4	✔	50.0	50.9	101.8
cal 5 mdq	5	✔	100.0	96.3	96.3
cal 6 mdq	6	✔	250.0	273.9	109.6
cal 7 mdq	7	✔	500.0	468.7	93.7
cal 8 mdq	8	✔	1000.0	1027.0	102.7

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 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	97.8
cal 2 mdq	2	✔	1.0	1.0	104.7
cal 3 mdq	3	✔	2.5	2.5	99.9
cal 4 mdq	4	✔	5.0	4.9	98.1
cal 5 mdq	5	✔	10.0	10.1	100.9
cal 6 mdq	6	✔	25.0	25.4	101.6
cal 7 mdq	7	✔	50.0	47.8	95.6
cal 8 mdq	8	✔	100.0	101.3	101.3

Compound Calibration Report

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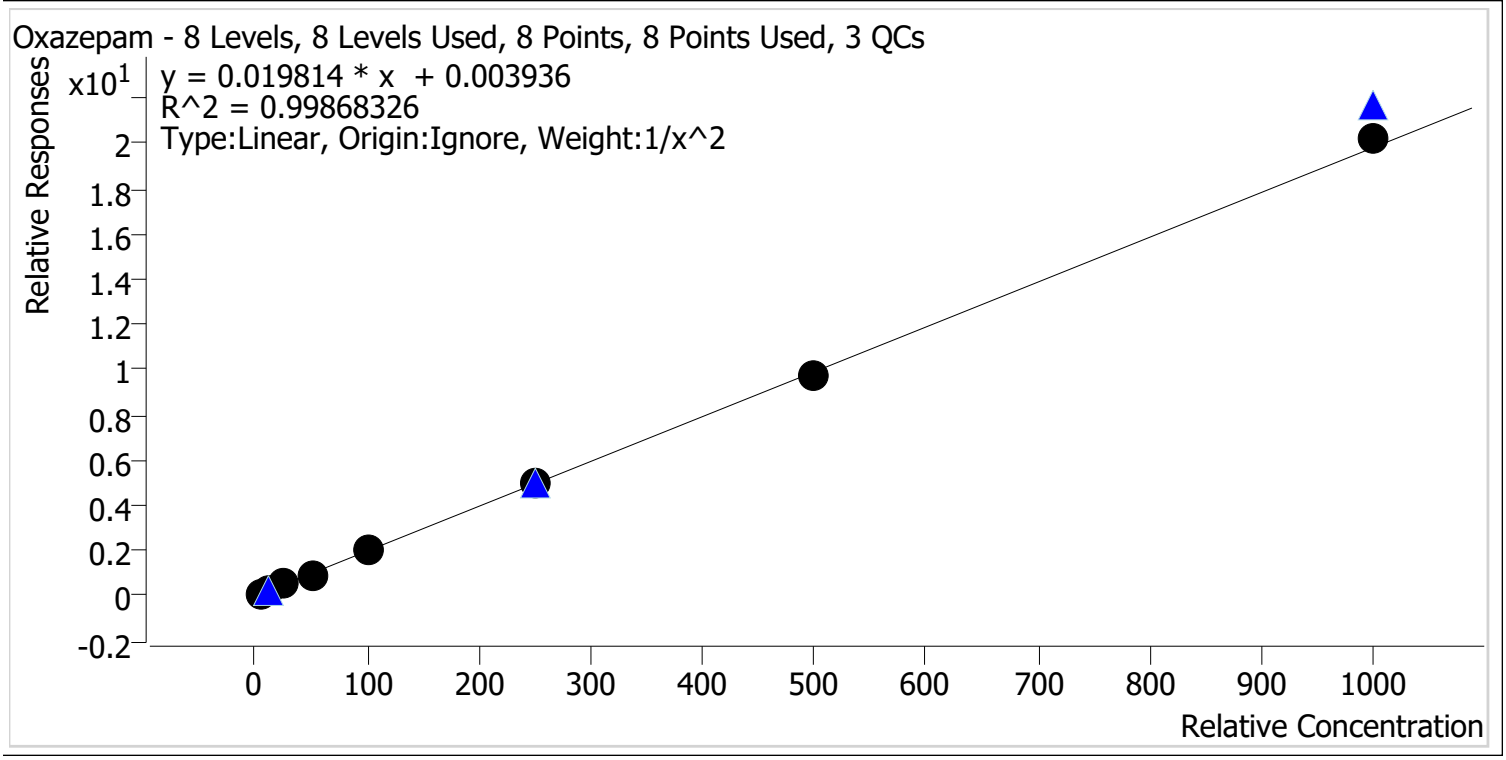
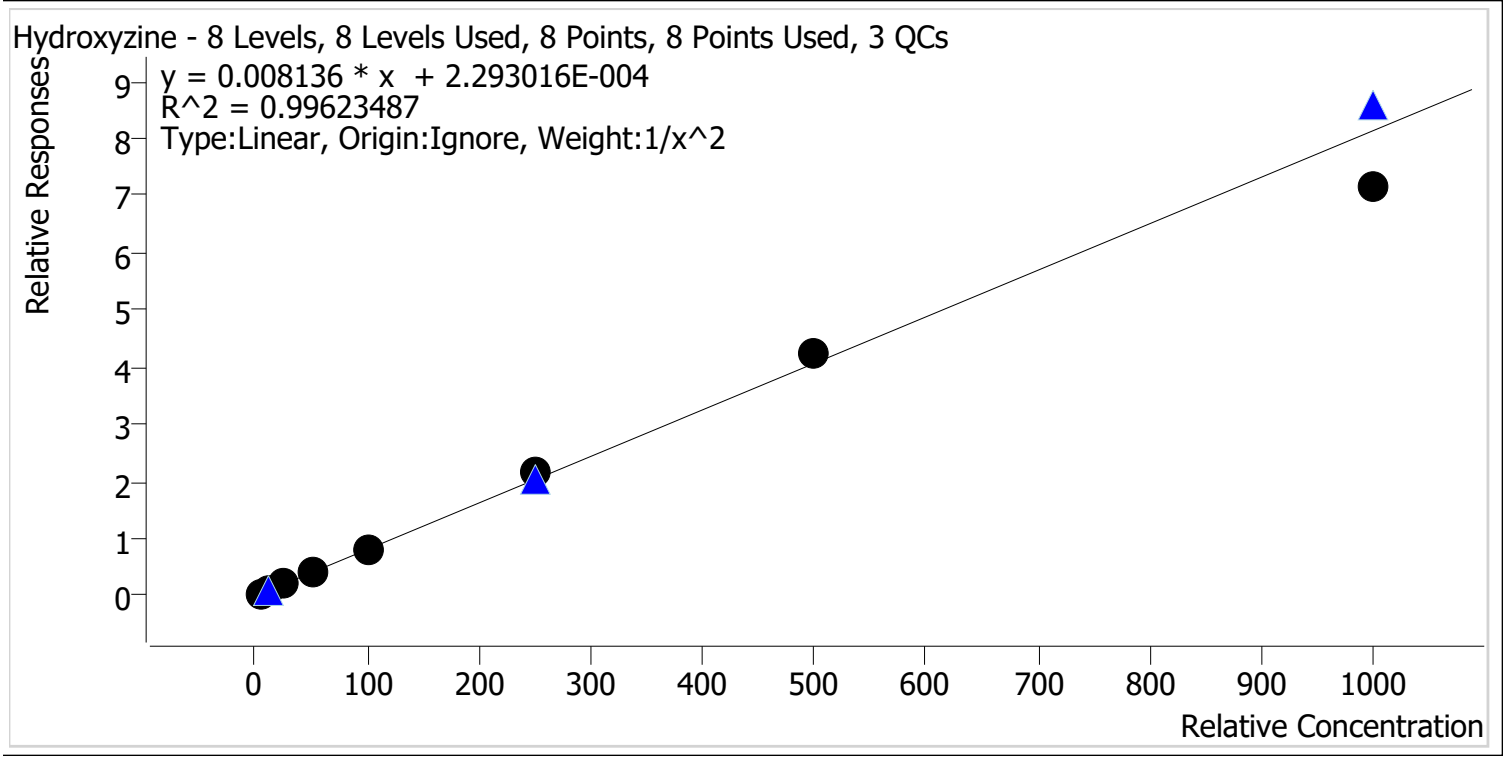
Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Oxazepam
Internal Standard	Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	4.9	98.1
cal 2 mdq	2	✔	10.0	10.4	103.9
cal 3 mdq	3	✔	25.0	25.7	102.7
cal 4 mdq	4	✔	50.0	47.0	94.1
cal 5 mdq	5	✔	100.0	100.9	100.9
cal 6 mdq	6	✔	250.0	249.1	99.6
cal 7 mdq	7	✔	500.0	492.4	98.5
cal 8 mdq	8	✔	1000.0	1022.4	102.2

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Last Cal. Update	12/18/2023 1:21 PM
Analyst Name	ISP\datastor
Analyte	Hydroxyzine
Internal Standard	Diphenhydramine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✔	5.0	5.0	99.7
cal 2 mdq	2	✔	10.0	10.0	100.0
cal 3 mdq	3	✔	25.0	25.3	101.1
cal 4 mdq	4	✔	50.0	49.7	99.3
cal 5 mdq	5	✔	100.0	101.7	101.7
cal 6 mdq	6	✔	250.0	263.1	105.2
cal 7 mdq	7	✔	500.0	524.6	104.9
cal 8 mdq	8	✔	1000.0	880.4	88.0

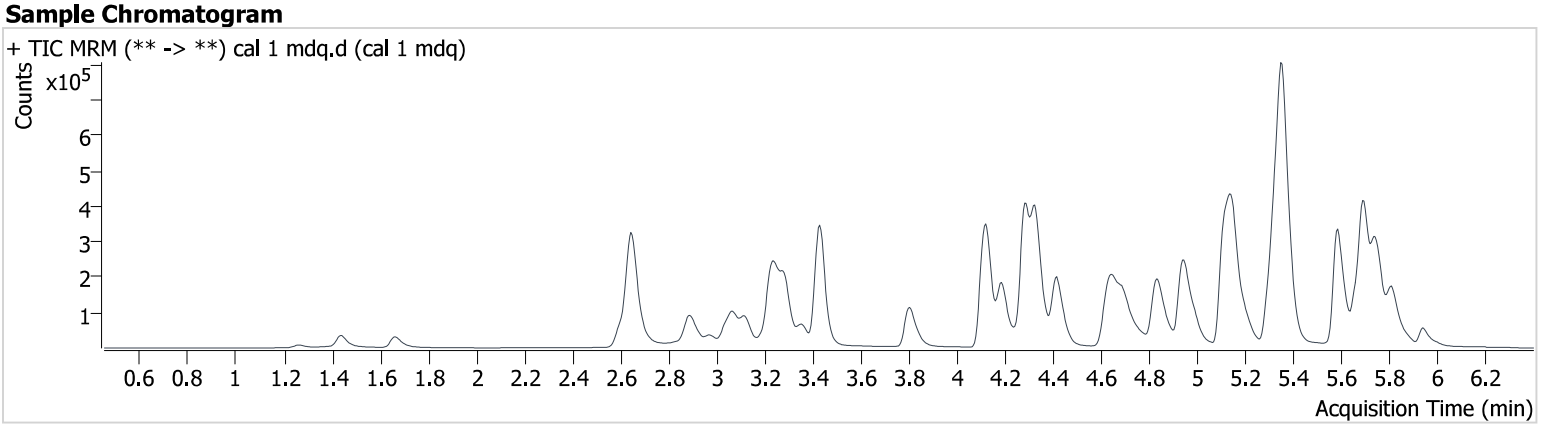
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type Cal
Acq. Method mdqp1 121523.m
Sample Position P2-A1
Injection Volume 3
Acq. Date-Time 12/15/2023 2:00:47 PM
Sample Info.

Data File cal 1 mdq.d
Sample cal 1 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.267	6161	902.8	126.92	1092.3	65064	4.866	ng/ml
Alprazolam	5.767	22793	567.2	93.64	2315.7	175712	5.133	ng/ml
Amphetamine	3.121	33597	10902.4	304.17	6182.7	214694	4.755	ng/ml
Benzoylecgonine	3.889	1184	2794.2	49.53	102.9	7397	5.686	ng/ml
Buprenorphine	5.848	2617	166.0	13.63	5423.6	65618	0.528	ng/ml
Clonazepam	5.606	2716	981.3	32.79	229.1	9748	5.019	ng/ml
Cocaine	4.327	56771	195085.1	44.27	22345.1	827644	5.021	ng/ml
Cyclobenzaprine	5.665	57783	40249.5	10.80	148.3	374115	4.950	ng/ml
Diazepam	5.944	13888	916.1	85.07	16673.7	123016	4.982	ng/ml
Diphenhydramine	5.361	167029	17950.0	34.78	2425.3	1528784	5.035	ng/ml
Fentanyl	5.160	5790	1602.7	131.66	517.8	469261	0.515	ng/ml
Hydroxyzine	5.745	62346	18218.3	106.58	1130.2	1528784	4.984	ng/ml
Lorazepam	5.751	1302	108.3	38.81	13.7	123016	4.700	ng/ml
Methamphetamine	3.289	225976	∞	37.08	3655.6	576660	5.610	ng/ml
Norbuprenorphine	5.056	323	4780.0	116.31	338.5	10720	0.502	ng/ml
Nordiazepam	5.894	2859	953.3	61.49	100.5	17702	5.217	ng/ml
Norfentanyl	4.137	2069	507.3	30.29	4223.7	561721	0.489	ng/ml
Oxazepam	5.753	1622	∞	66.51	17.7	16043	4.903	ng/ml

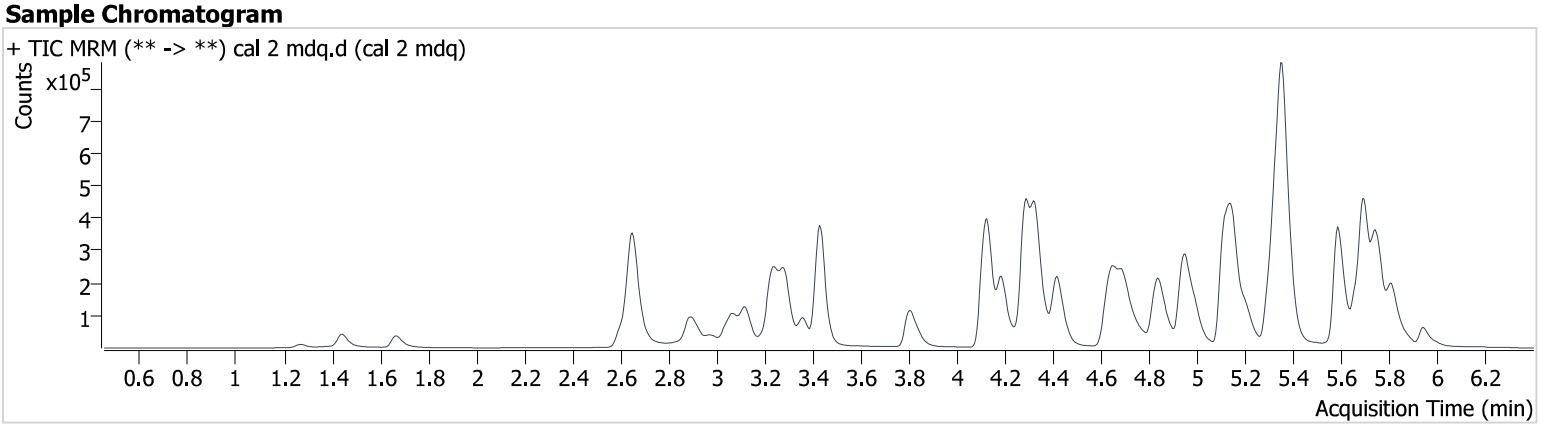
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type Cal
Acq. Method mdqp1 121523.m
Sample Position P2-B1
Injection Volume 3
Acq. Date-Time 12/15/2023 2:09:39 PM
Sample Info.

Data File cal 2 mdq.d
Sample cal 2 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.267	13497	2722.2	115.91	1656.6	71623	10.184	ng/ml
Alprazolam	5.767	42973	6515.6	96.04	4137.1	173866	9.510	ng/ml
Amphetamine	3.121	61465	29949.3	277.36	∞	213063	10.451	ng/ml
Benzoylecgonine	3.884	2333	34144.4	41.66	210.2	8043	9.968	ng/ml
Buprenorphine	5.853	5062	305.9	15.98	4475.4	68038	0.945	ng/ml
Clonazepam	5.611	5082	7482.2	38.63	253.8	9007	10.233	ng/ml
Cocaine	4.327	107286	17281.4	44.38	7474.2	795838	9.889	ng/ml
Cyclobenzaprine	5.665	107656	3360.7	9.78	1557.7	345859	10.100	ng/ml
Diazepam	5.944	27335	3390.9	84.43	10848.5	120793	9.988	ng/ml
Diphenhydramine	5.361	327549	241628.9	32.88	15251.4	1462915	9.991	ng/ml
Fentanyl	5.160	10797	2495.5	134.19	921.7	459860	0.968	ng/ml
Hydroxyzine	5.745	119350	43351.1	109.04	6116.1	1462915	9.999	ng/ml
Lorazepam	5.746	2520	984.9	34.77	29.7	120793	10.691	ng/ml
Methamphetamine	3.289	253373	15034.6	36.62	25227.2	593935	7.027	ng/ml
Norbuprenorphine	5.061	627	460.5	113.94	824.6	10809	0.985	ng/ml
Nordiazepam	5.888	4789	2751.7	66.38	802.5	17200	9.070	ng/ml
Norfentanyl	4.137	4867	1084.0	29.29	6678.6	582051	1.047	ng/ml
Oxazepam	5.753	3393	426.0	66.30	57.0	16170	10.391	ng/ml

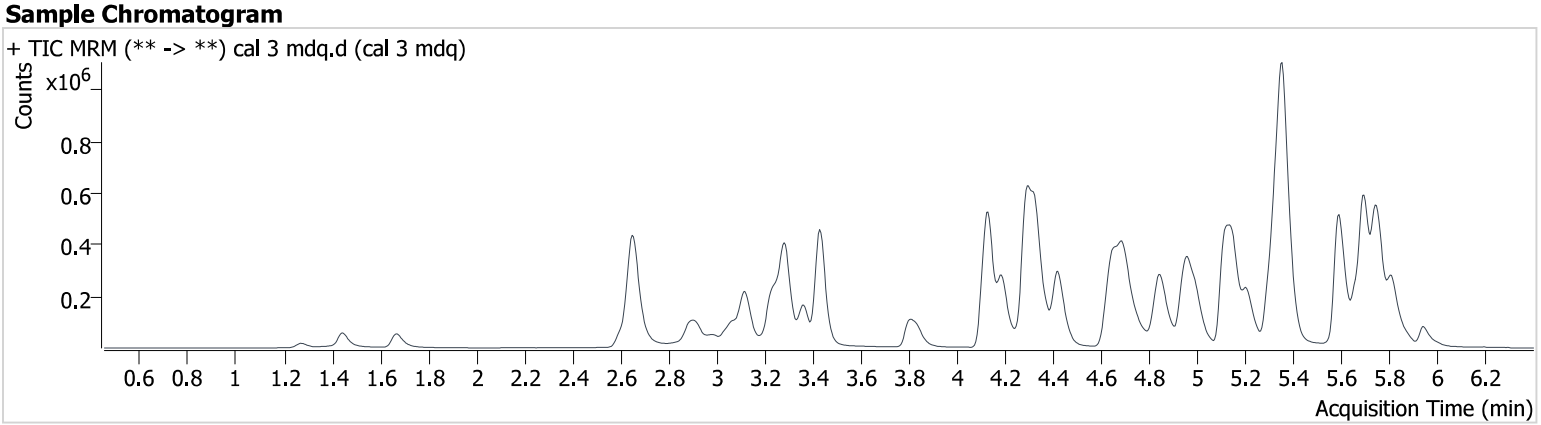
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type Cal
Acq. Method mdqp1 121523.m
Sample Position P2-C1
Injection Volume 3
Acq. Date-Time 12/15/2023 2:18:21 PM
Sample Info.

Data File cal 3 mdq.d
Sample cal 3 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.272	30891	2785.6	118.35	1157.6	64754	26.556	ng/ml
Alprazolam	5.767	103235	∞	89.99	1688.7	157611	24.710	ng/ml
Amphetamine	3.121	132866	10352.4	265.23	20266.4	191585	27.930	ng/ml
Benzoylecgonine	3.884	5197	7652.5	43.73	∞	6932	25.110	ng/ml
Buprenorphine	5.853	11709	2434.8	15.29	2230.9	63762	2.265	ng/ml
Clonazepam	5.611	11796	2352.9	39.18	1267.9	9687	22.165	ng/ml
Cocaine	4.332	252135	20423.0	44.80	16341.0	736336	25.152	ng/ml
Cyclobenzaprine	5.665	254553	387498.9	9.78	6984.7	324129	25.669	ng/ml
Diazepam	5.944	62820	13843.8	85.47	∞	109370	25.353	ng/ml
Diphenhydramine	5.361	767221	∞	32.70	65743.1	1368885	24.540	ng/ml
Fentanyl	5.160	25005	5485.0	135.91	2605.9	426935	2.396	ng/ml
Hydroxyzine	5.745	281709	47254.9	108.36	29546.3	1368885	25.265	ng/ml
Lorazepam	5.746	5339	∞	35.32	34.5	109370	26.989	ng/ml
Methamphetamine	3.289	478930	20544.4	38.25	23983.5	530066	26.486	ng/ml
Norbuprenorphine	5.071	1543	27097.4	96.75	1871.7	10022	2.654	ng/ml
Nordiazepam	5.894	11699	672.6	61.30	1149.1	15225	25.222	ng/ml
Norfentanyl	4.137	10901	1143.0	30.32	9449.3	531224	2.498	ng/ml
Oxazepam	5.753	7299	1152.7	68.08	139.5	14234	25.682	ng/ml

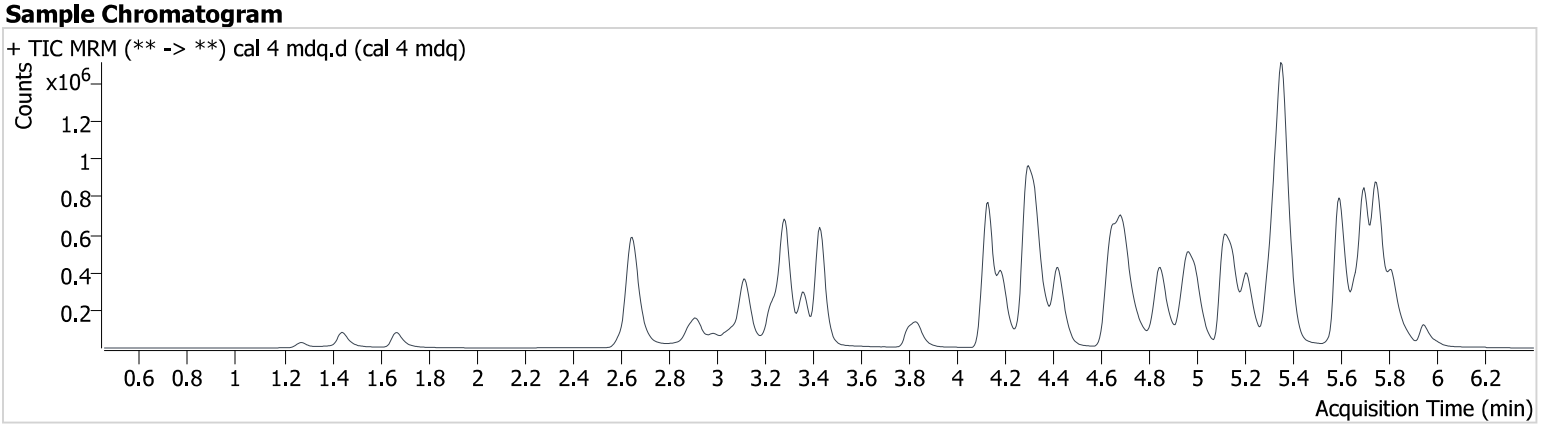
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type Cal
Acq. Method mdqp1 121523.m
Sample Position P2-D1
Injection Volume 3
Acq. Date-Time 12/15/2023 2:27:04 PM
Sample Info.

Data File cal 4 mdq.d
Sample cal 4 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.267	61919	8809.1	120.79	8273.0	66383	52.407	ng/ml
Alprazolam	5.767	193496	4171.2	93.35	3431.0	146659	49.472	ng/ml
Amphetamine	3.121	245812	24813.2	256.86	809038.8	191170	53.492	ng/ml
Benzoylecgonine	3.889	9999	605274.4	44.77	4466.7	7124	46.651	ng/ml
Buprenorphine	5.848	23177	∞	15.74	∞	61856	4.574	ng/ml
Clonazepam	5.606	24344	4076.0	35.43	2424.7	8433	52.636	ng/ml
Cocaine	4.327	496656	31317.9	43.92	22049.0	726270	50.251	ng/ml
Cyclobenzaprine	5.665	509513	6783.2	10.22	7514.0	334555	49.893	ng/ml
Diazepam	5.944	125426	9627.1	85.51	∞	108785	50.895	ng/ml
Diphenhydramine	5.361	1493008	439992.7	32.97	176630.4	1323751	49.068	ng/ml
Fentanyl	5.155	49906	1211.2	140.66	5421.7	428702	4.750	ng/ml
Hydroxyzine	5.745	535275	151533.9	109.24	48162.3	1323751	49.669	ng/ml
Lorazepam	5.746	10641	1540.5	41.53	133.4	108785	55.561	ng/ml
Methamphetamine	3.289	871162	129156.6	38.27	57897.7	551122	54.117	ng/ml
Norbuprenorphine	5.061	2973	9583.6	98.41	∞	9834	5.234	ng/ml
Nordiazepam	5.894	24122	1612.0	59.06	1477.1	15587	50.905	ng/ml
Norfentanyl	4.137	20009	3276.6	30.53	105946.3	491546	4.907	ng/ml
Oxazepam	5.753	12769	260.6	77.31	∞	13640	47.048	ng/ml

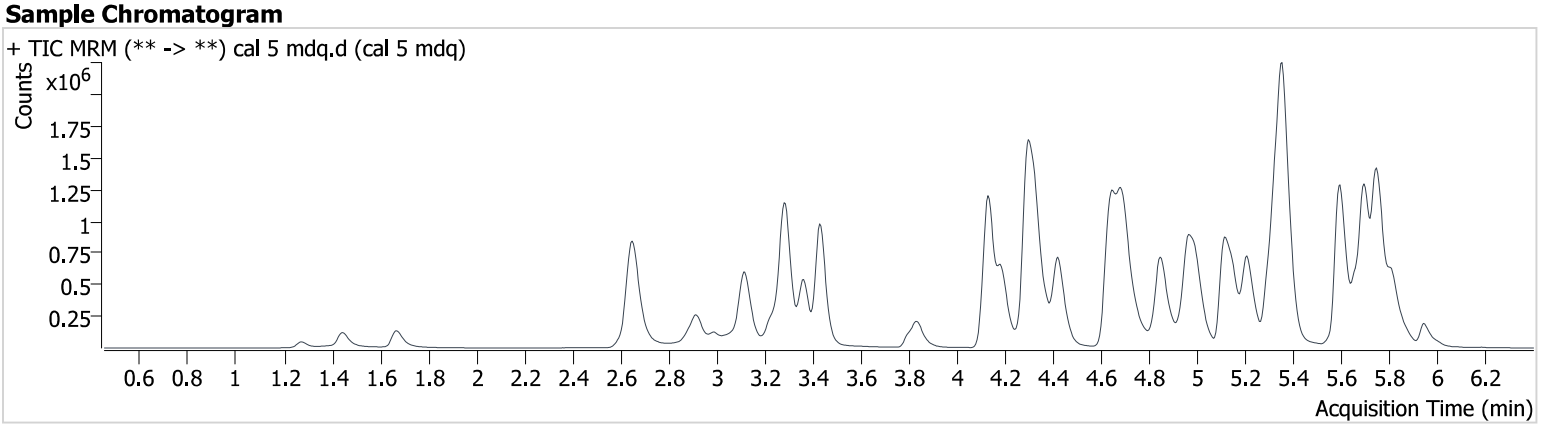
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type Cal
Acq. Method mdqp1 121523.m
Sample Position P2-E1
Injection Volume 3
Acq. Date-Time 12/15/2023 2:35:46 PM
Sample Info.

Data File cal 5 mdq.d
Sample cal 5 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.267	114605	27432.6	116.66	12068.5	62029	104.304	ng/ml
Alprazolam	5.767	356701	4254.8	93.38	32368.4	130800	101.939	ng/ml
Amphetamine	3.121	435524	43506.0	244.30	69587.1	186688	98.678	ng/ml
Benzoylecgonine	3.889	20795	∞	42.65	772.6	7162	96.059	ng/ml
Buprenorphine	5.853	45940	18706.4	16.37	24609.8	58920	9.469	ng/ml
Clonazepam	5.611	43477	17884.7	37.14	10006.8	7696	103.083	ng/ml
Cocaine	4.327	976302	133059.4	44.17	89380.0	723066	99.240	ng/ml
Cyclobenzaprine	5.665	951506	116668.0	10.49	3217.4	309005	101.003	ng/ml
Diazepam	5.944	239865	∞	85.66	5037.4	106302	99.605	ng/ml
Diphenhydramine	5.361	2787151	420053.9	32.59	170678.7	1254726	96.337	ng/ml
Fentanyl	5.160	101502	38350.6	138.96	2869.4	425705	9.716	ng/ml
Hydroxyzine	5.745	1038843	71041.8	106.97	118425.7	1254726	101.729	ng/ml
Lorazepam	5.746	18997	3762.8	40.74	279.4	106302	102.722	ng/ml
Methamphetamine	3.289	1607632	116931.7	37.62	∞	555227	107.761	ng/ml
Norbuprenorphine	5.066	5535	∞	108.40	16552.9	10195	9.417	ng/ml
Nordiazepam	5.894	43691	34981447.4	63.00	1958.0	14945	96.259	ng/ml
Norfentanyl	4.137	36039	∞	28.57	47984.9	428424	10.088	ng/ml
Oxazepam	5.753	25238	843.6	69.82	166.5	12603	100.867	ng/ml

AM #28 Multi-Drug Quant. Results

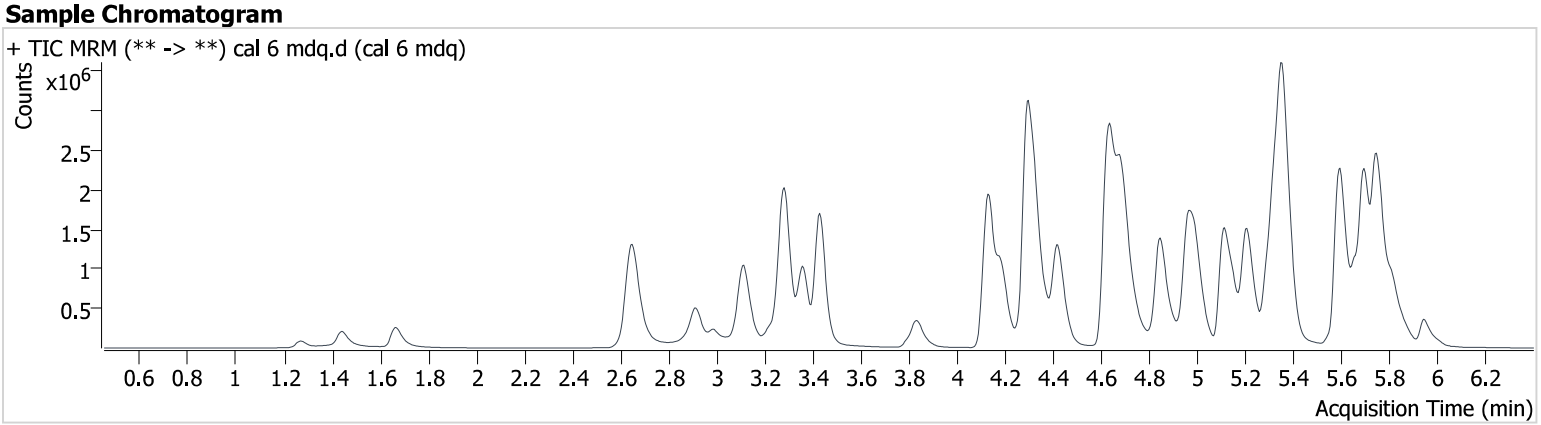
Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type Cal
Acq. Method mdqp1 121523.m
Sample Position P2-F1
Injection Volume 3
Acq. Date-Time 12/15/2023 2:44:28 PM
Sample Info.

Data File cal 6 mdq.d
Sample cal 6 mdq
Operator Anne Nord
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.267	234489	25049.6	114.94	44440.9	54640	242.943	ng/ml
Alprazolam	5.773	679206	14604.3	91.22	20239.1	100673	251.753	ng/ml
Amphetamine	3.116	791305	54774.4	243.47	114020.4	163014	207.486	ng/ml
Benzoylecgonine	3.884	50499	857940.0	43.76	1442.0	7065	235.875	ng/ml
Buprenorphine	5.853	97691	∞	15.63	4939618797 5746.3	49423	23.934	ng/ml
Clonazepam	5.611	93438	22537.8	34.88	6022.0	6636	257.013	ng/ml
Cocaine	4.327	2040761	614624.8	43.86	83207.3	603220	248.687	ng/ml
Cyclobenzaprine	5.665	1886740	∞	10.67	12665.7	254003	243.822	ng/ml
Diazepam	5.944	534896	13819.8	85.47	1483620311 13270.0	94531	249.779	ng/ml
Diphenhydramine	5.361	5603049	848009.3	31.83	68800.0	950744	255.072	ng/ml
Fentanyl	5.155	232111	35671.8	138.76	26450.6	373290	25.316	ng/ml
Hydroxyzine	5.745	2035548	79337.8	107.66	245749.0	950744	263.109	ng/ml
Lorazepam	5.746	37773	5026.1	39.94	774.9	94531	231.501	ng/ml
Methamphetamine	3.284	3256084	∞	37.69	∞	532743	239.000	ng/ml
Norbuprenorphine	5.061	11993	24617.3	111.18	∞	8781	23.725	ng/ml
Nordiazepam	5.894	98359	∞	60.35	20131.1	11832	273.919	ng/ml
Norfentanyl	4.137	61006	2958.3	29.11	65102.1	287259	25.394	ng/ml
Oxazepam	5.753	49872	966412.7	70.45	3052.8	10097	249.076	ng/ml

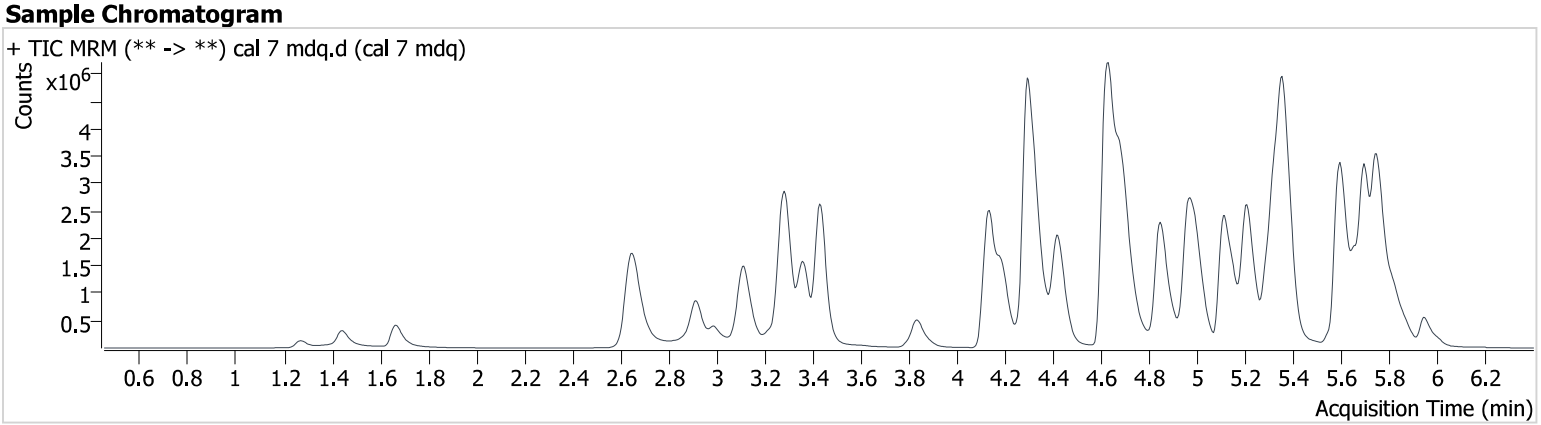
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type Cal
Acq. Method mdqp1 121523.m
Sample Position P2-G1
Injection Volume 3
Acq. Date-Time 12/15/2023 2:53:10 PM
Sample Info.

Data File cal 7 mdq.d
Sample cal 7 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.261	410274	50492.3	114.22	62793.6	52638	441.643	ng/ml
Alprazolam	5.773	978288	∞	90.80	∞	71812	508.041	ng/ml
Amphetamine	3.121	1153793	69697.3	241.00	1156734179 4400900.0	152762	323.947	ng/ml
Benzoylecgonine	3.889	108850	653729.3	42.81	21154.5	7123	503.777	ng/ml
Buprenorphine	5.853	165394	17318.6	15.56	29411.0	35606	56.184	ng/ml
Clonazepam	5.616	144337	15005.4	35.86	6863.1	5269	500.064	ng/ml
Cocaine	4.327	3324320	123353.0	43.93	132578.7	491325	497.380	ng/ml
Cyclobenzaprine	5.660	3039133	829276.7	10.69	147249.9	199247	500.806	ng/ml
Diazepam	5.950	916284	12769.5	86.18	∞	81603	495.664	ng/ml
Diphenhydramine	5.361	8738144	1089248.8	30.97	1565247.7	732729	515.833	ng/ml
Fentanyl	5.155	429630	98083.5	141.55	15678.3	334046	52.351	ng/ml
Hydroxyzine	5.745	3127690	162038.5	110.25	170002.1	732729	524.592	ng/ml
Lorazepam	5.746	60342	10018.5	42.10	1599.8	81603	429.670	ng/ml
Methamphetamine	3.289	5139100	321133.8	37.43	422521.2	544361	374.817	ng/ml
Norbuprenorphine	5.061	22675	∞	105.74	26891.2	7925	49.726	ng/ml
Nordiazepam	5.894	164671	10325.0	64.27	20066.6	11578	468.708	ng/ml
Norfentanyl	4.142	68251	20974.7	29.67	∞	170536	47.811	ng/ml
Oxazepam	5.753	79969	39177.6	71.34	10758.9	8193	492.387	ng/ml

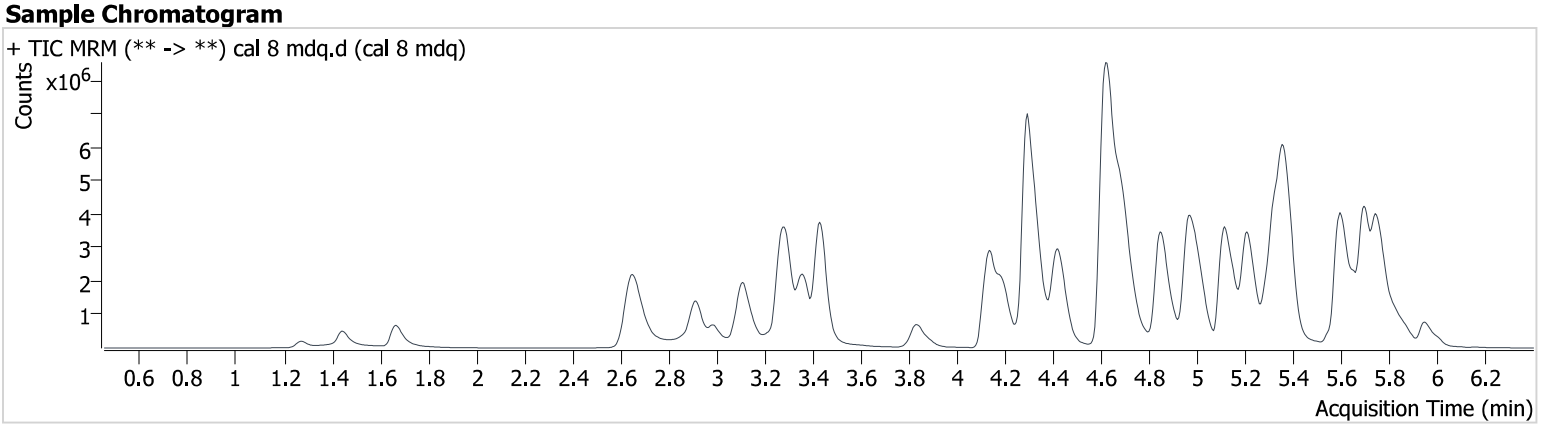
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\121423\QuantResults\am 28.batch.bin
Calibration Last Update 12/18/2023 1:21:12 PM

Instrument 69679
Type Cal
Acq. Method mdqp1 121523.m
Sample Position P2-H1
Injection Volume 3
Acq. Date-Time 12/15/2023 3:10:36 PM
Sample Info.

Data File cal 8 mdq.d
Sample cal 8 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
7-aminoclonazepam	4.261	617385	79128.3	113.37	82165.4	47155	742.215	ng/ml
Alprazolam	5.773	1347511	∞	92.05	10476.4	50135	1002.053	ng/ml
Amphetamine	3.116	1521235	199263.3	238.52	6172790945 981300.0	137923	473.986	ng/ml
Benzoylecgonine	3.889	237314	1574128.0	43.22	6284.1	7691	1016.874	ng/ml
Buprenorphine	5.853	219898	15782.9	15.51	53477.0	23128	114.955	ng/ml
Clonazepam	5.616	228684	141695.7	34.13	11977.0	4284	974.584	ng/ml
Cocaine	4.327	4950230	822639.7	42.85	1171150.0	358957	1013.787	ng/ml
Cyclobenzaprine	5.660	3145486	313505.6	10.48	6875.0	104481	988.583	ng/ml
Diazepam	5.950	1449883	237994.2	86.77	39041.3	64889	986.333	ng/ml
Diphenhydramine	5.366	11420174	967328.1	31.68	4702835.1	486254	1015.579	ng/ml
Fentanyl	5.160	578829	14195.7	146.70	28462.2	221710	106.255	ng/ml
Hydroxyzine	5.745	3483460	310503.2	110.45	381014.6	486254	880.438	ng/ml
Lorazepam	5.746	110072	∞	43.22	1385.0	64889	987.552	ng/ml
Methamphetamine	3.284	7246077	280292.5	37.32	292042.1	551809	525.412	ng/ml
Norbuprenorphine	5.061	37302	258637.3	102.24	∞	6372	101.758	ng/ml
Nordiazepam	5.894	286808	∞	63.43	62977.7	9205	1026.962	ng/ml
Norfentanyl	4.142	69868	5799.9	29.03	154464.2	82340	101.312	ng/ml
Oxazepam	5.753	153236	25932.1	72.14	98329.9	7563	1022.357	ng/ml