

Analytical Report

Sample ID	4758 - Analysis Service - A3498
Expected	Cocaine SKIP THE QUEUE
Sample adulterated or impure?	No
Sample Appearance	
Sample type	Service -
Date of sample receipt	27-Jan-2026
Date of analysis	26-Jan-2026
Date of Report	28-Jan-2026

Full Quantitative + Qualitative Analysis

Substances identified

	Harm Reduction information	Chemical Class	Pubchem ID	Analytical techniques used
Cocaine >99%	https://psychonautwiki.org/wiki/Cocaine		N/A	FTIR/LCMS/NMR
Truxilline (minor)				
Tropacocaine (minor)				
Cinnamoylcocaine (minor)				
Norococaine (minor)				

* uncertainty of measurement +/- 5 %
Unless stated otherwise elsewhere

***The Analysis Report is not a warranty or advertisement for the quality of any supplier or product!
We do not claim nor make any guarantees or recommendations regarding the safety of the analysed samples for human consumption.***

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Detailed information regarding our workflow including a full description of the analytical methods applied is freely available under

<https://www.kykeonanalytics.com/services/users/>

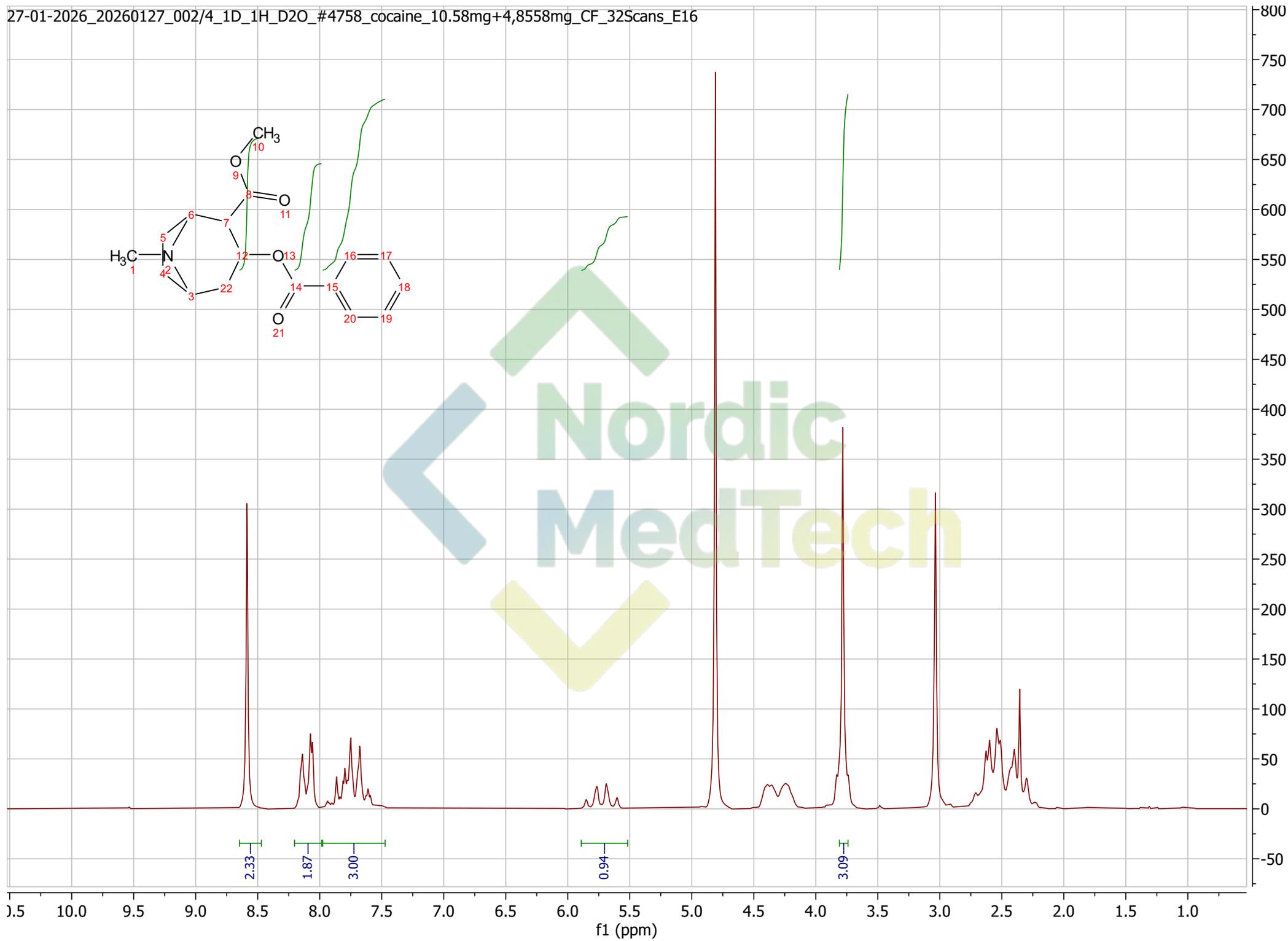
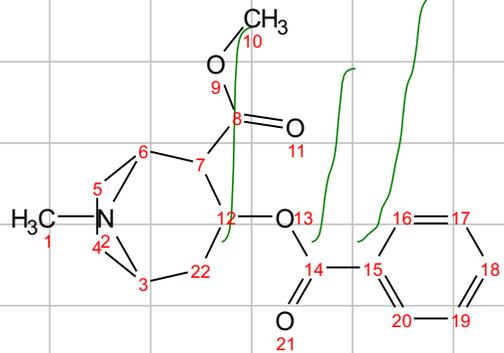
Attachments:

-

Report generated by: tsan

End of Analytical Report

Kykeon Analytics Ltd. - Apartado de correos 11, 08500 Vic, Spain - CIF: W02581898C - office@kykeonanalytics.com



Qualitative Analysis Report

Sample Information

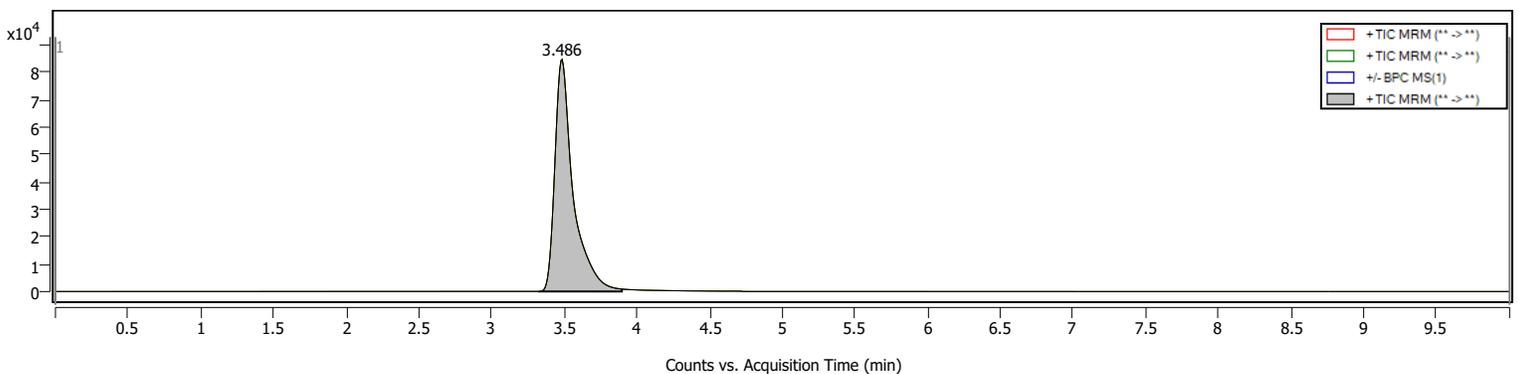
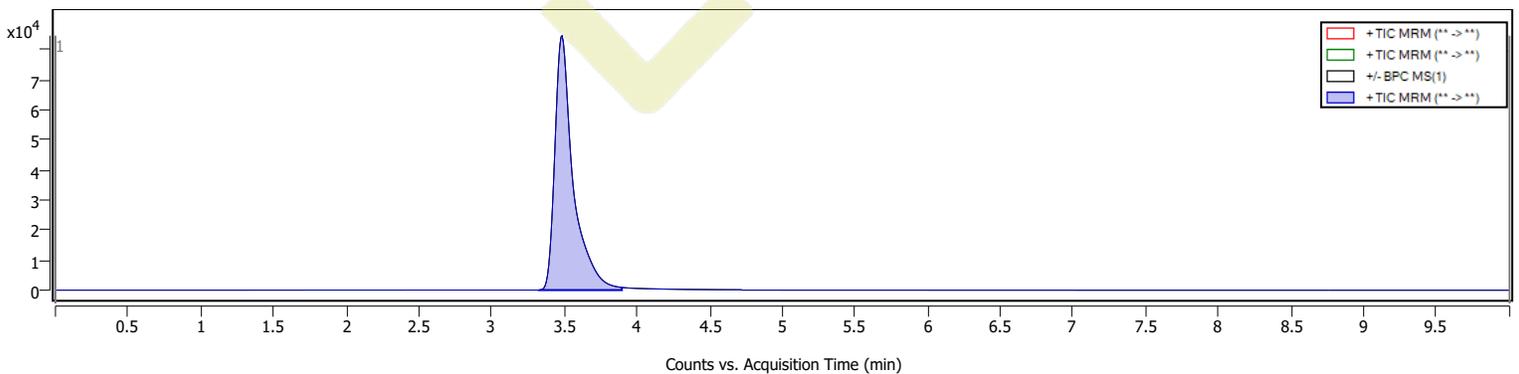
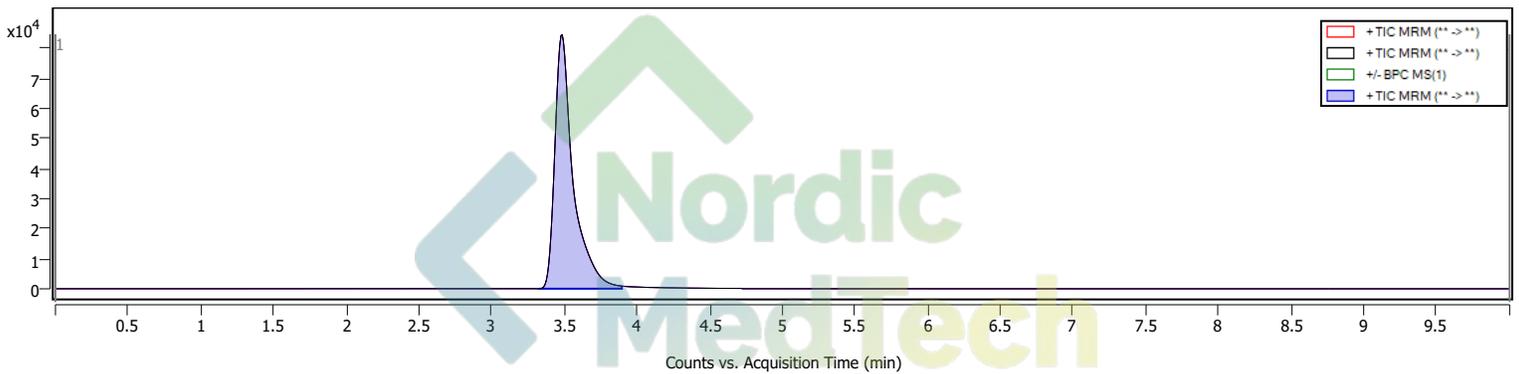
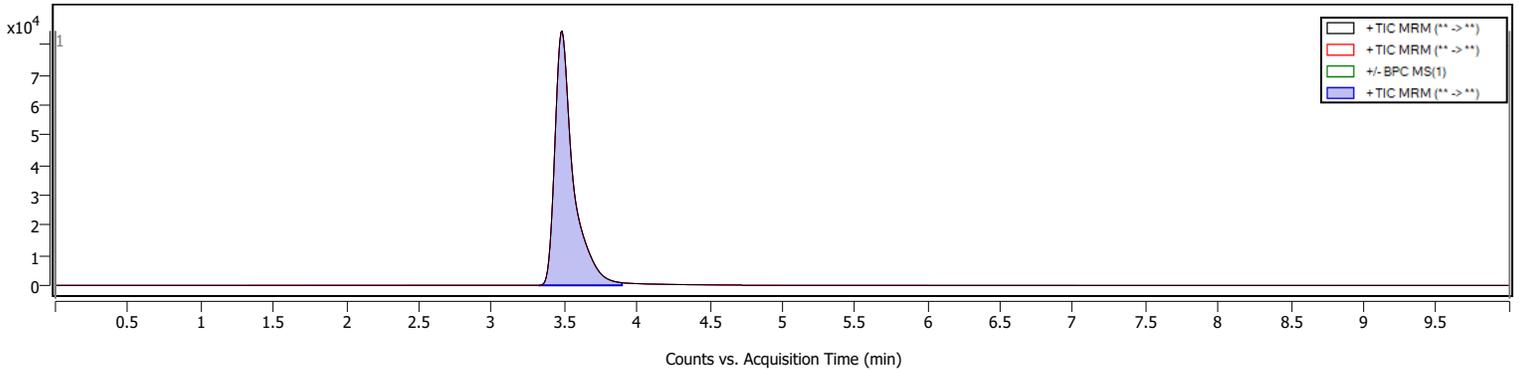
Name 4758_Cocaine
Instrument Instrument 1
MS Type QQQ
Inj. Vol. (ul) 5
Position P1-C11

Acq. Time (Local) 1/27/2026 4:31:33 PM (UTC+01:00)

Version (Acq SW) Ultivo LC/TQ 1.2 (23)

Result Summary 15 qualified (15 targets)

Sample Chromatograms



Compound Summary

Cpd	Name	Formula	Mass	RT	Area	m/z	Algorithm
1	Phenetyl-4-ANPP			Not Detected	-	-	MRM
2	4-ANPP			Not Detected	-	-	MRM
3	Tetracaine			Not Detected	-	-	MRM
4	Inositol			Not Detected	-	-	MRM
5	Paracetamol			Not Detected	-	-	MRM
6	MSG			Not Detected	-	-	MRM
7	Procaine			Not Detected	-	-	MRM
8	Levamisol			Not Detected	-	-	MRM
9	Caffeine			Not Detected	-	-	MRM
10	Lidocaine			Not Detected	-	-	MRM
11	Cocaine			3.487	694738	304.1	MRM
12	Fentanyl			Not Detected	-	-	MRM
13	Benzocaine			Not Detected	-	-	MRM
14	Xylazine			Not Detected	-	-	MRM
15	Phenacetin			Not Detected	-	-	MRM

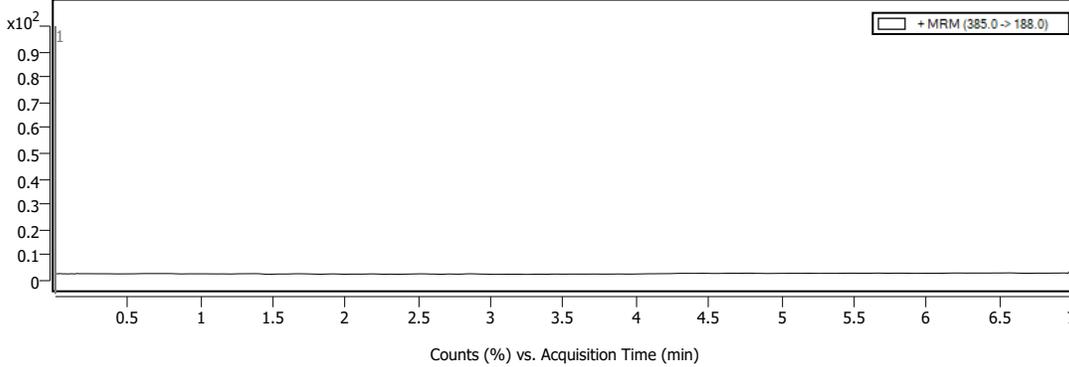


Compound Details

Cpd. 1: Phenetyl-4-ANPP

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Phenetyl-4-ANPP			Not Detected	-	385.0	188.0	15.00		MRM

Compound Chromatograms (overlaid)

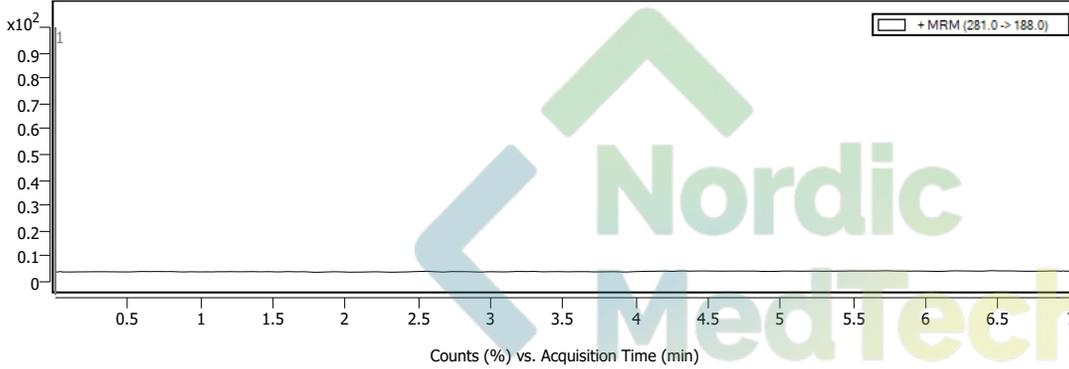


Structure

Cpd. 2: 4-ANPP

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
4-ANPP			Not Detected	-	281.0	188.0	15.00		MRM

Compound Chromatograms (overlaid)

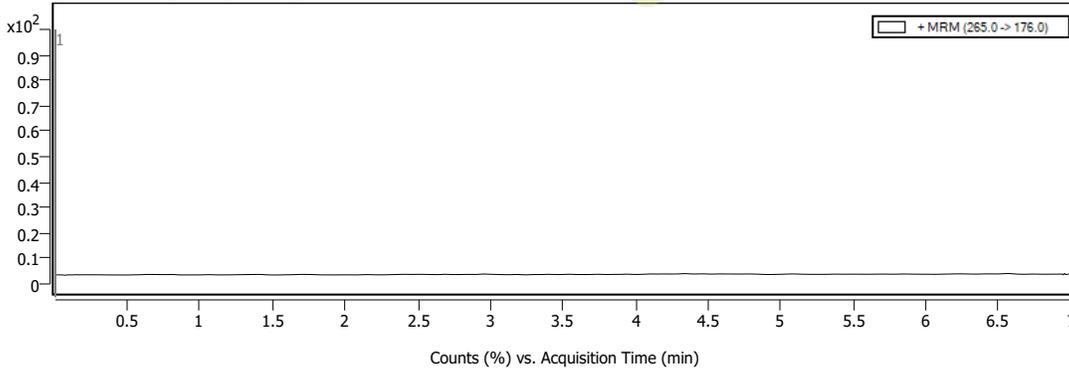


Structure

Cpd. 3: Tetracaine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Tetracaine			Not Detected	-	265.0	176.0	21.00		MRM

Compound Chromatograms (overlaid)



Structure

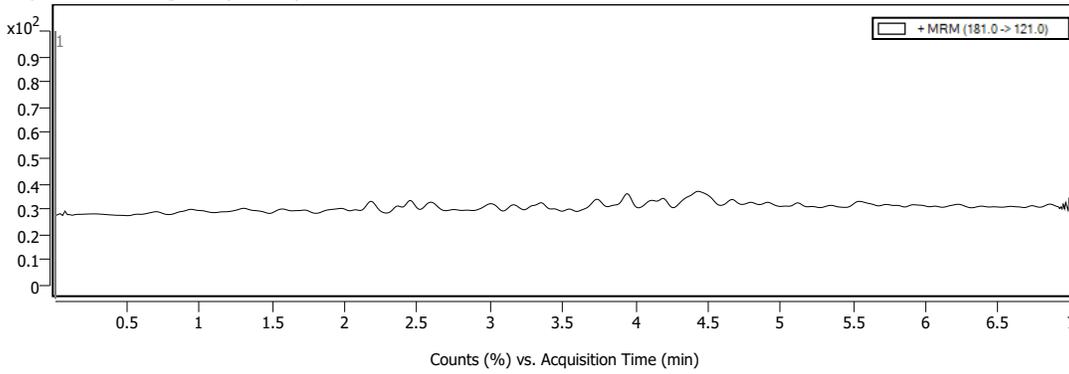
Cpd. 4: Inositol

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Inositol			Not Detected	-	181.0	121.0	15.00		MRM

Qualitative Analysis Report

Compound Chromatograms (overlaid)

Structure

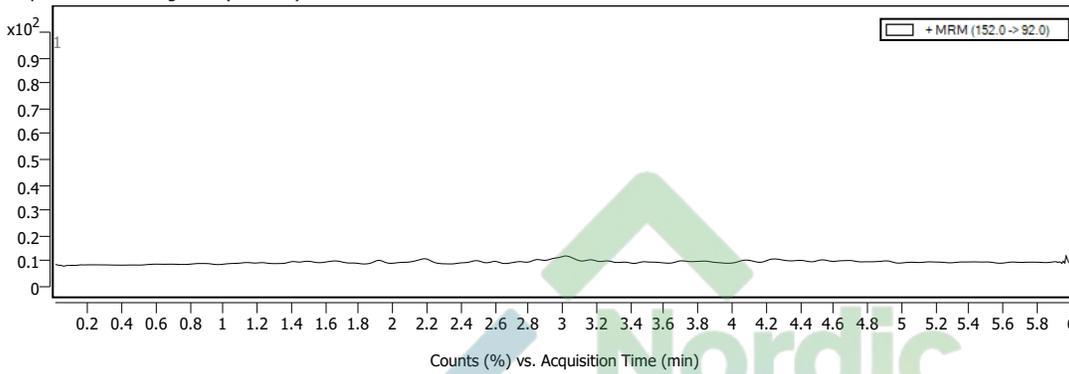


Cpd. 5: Paracetamol

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Paracetamol			Not Detected	-	152.0	92.0	15.00		MRM

Compound Chromatograms (overlaid)

Structure

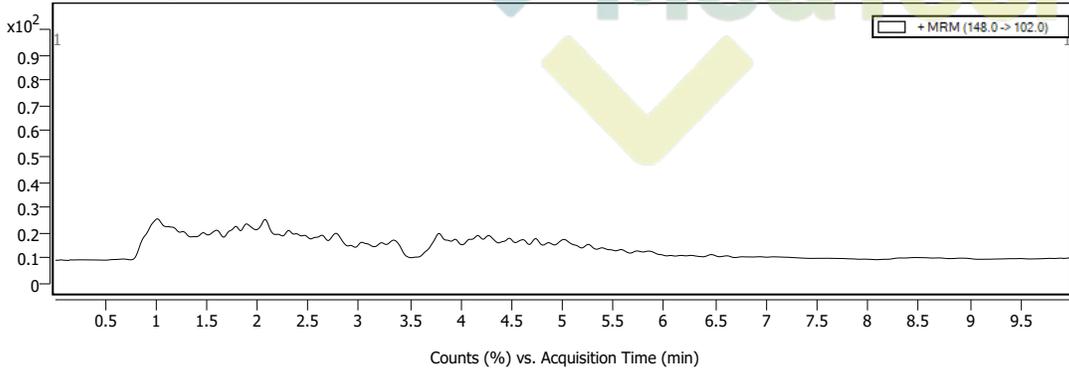


Cpd. 6: MSG

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
MSG			Not Detected	-	148.0	102.0	15.00		MRM

Compound Chromatograms (overlaid)

Structure



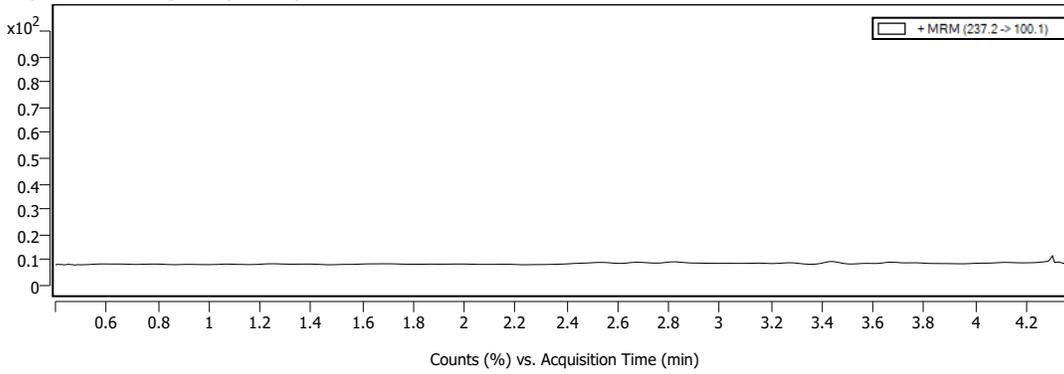
Cpd. 7: Procaine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Procaine			Not Detected	-	237.2	100.1	25.00		MRM

Qualitative Analysis Report

Compound Chromatograms (overlaid)

Structure

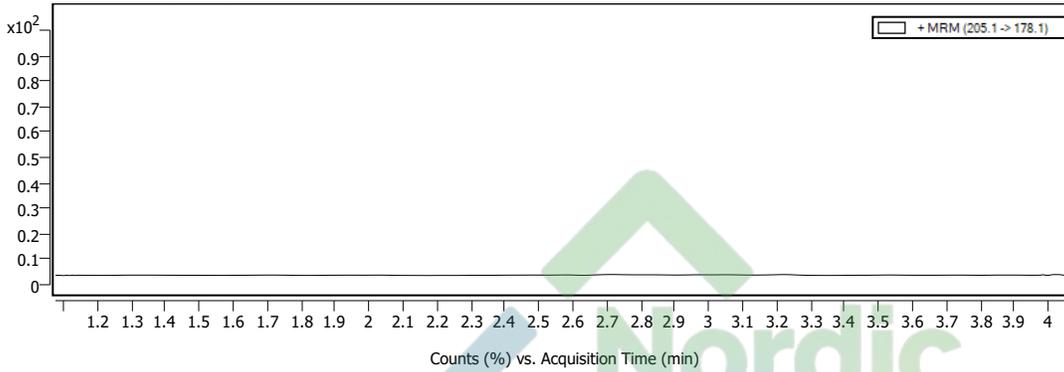


Cpd. 8: Levamisol

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Levamisol			Not Detected	-	205.1	178.1	16.00		MRM

Compound Chromatograms (overlaid)

Structure

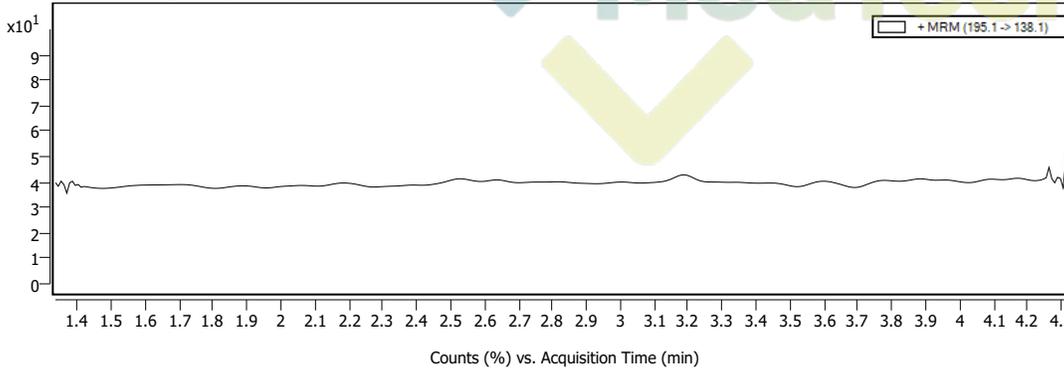


Cpd. 9: Caffeine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Caffeine			Not Detected	-	195.1	138.1	27.00		MRM

Compound Chromatograms (overlaid)

Structure

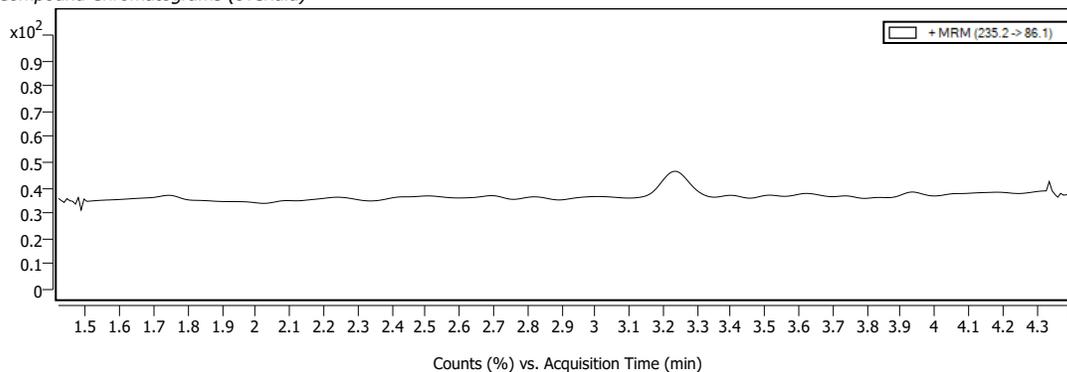


Cpd. 10: Lidocaine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Lidocaine			Not Detected	-	235.2	86.1	4.00		MRM

Qualitative Analysis Report

Compound Chromatograms (overlaid)

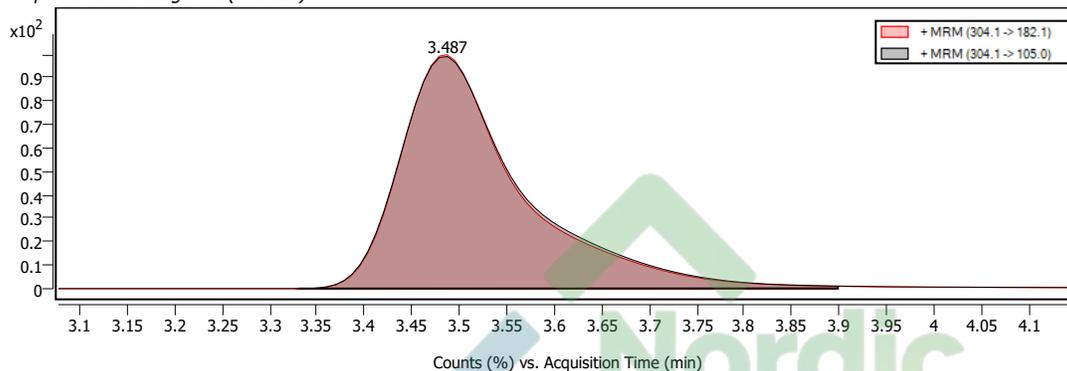


Structure

Cpd. 11: Cocaine

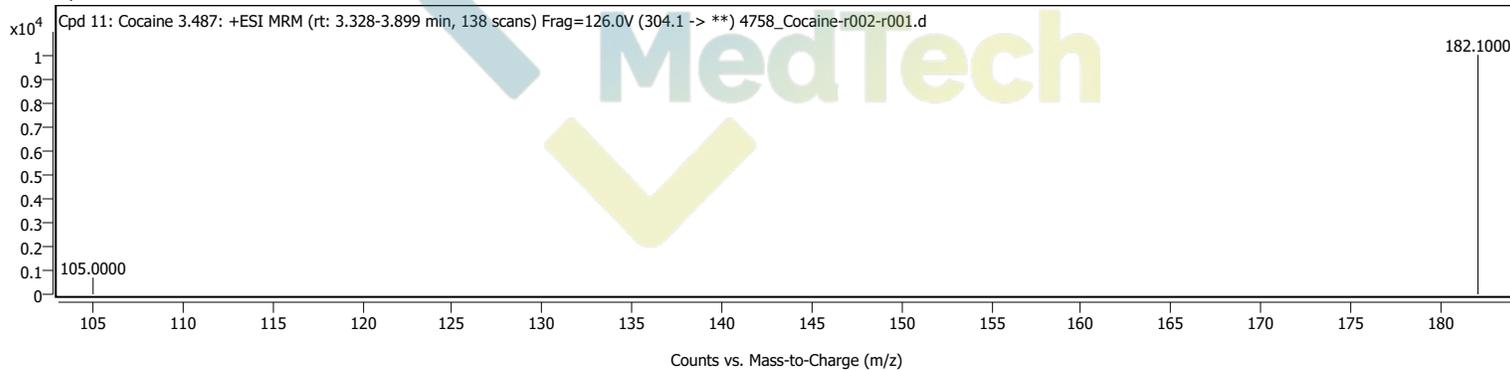
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Cocaine			3.487	694738	304.1	182.1	8.00		MRM

Compound Chromatograms (overlaid)



Structure

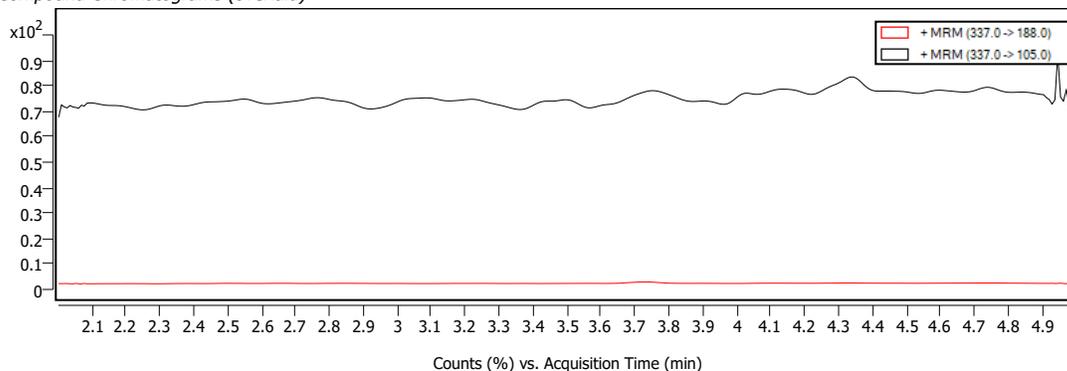
MS/MS Spectra



Cpd. 12: Fentanyl

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Fentanyl			Not Detected	-	337.0	188.0	20.00		MRM

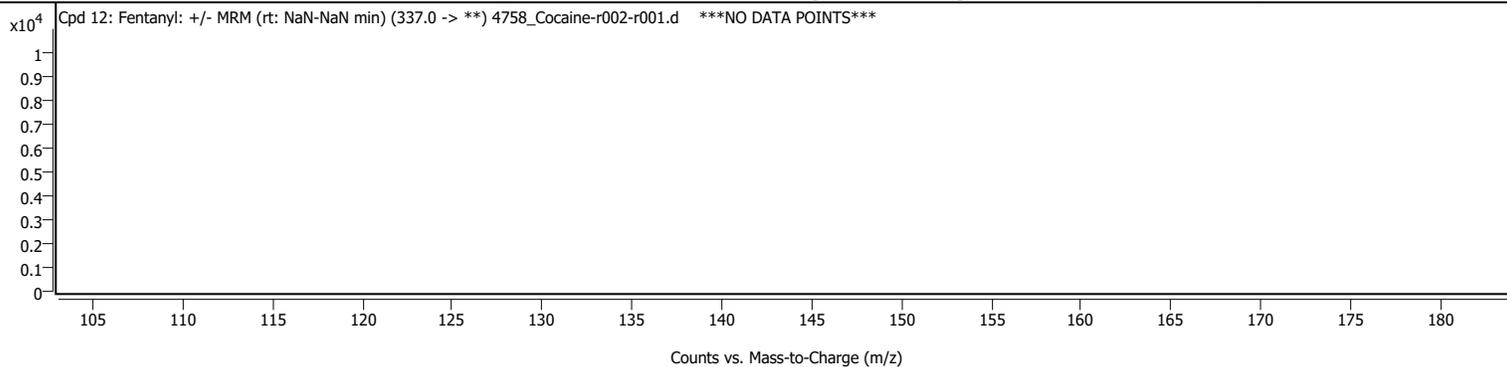
Compound Chromatograms (overlaid)



Structure

MS/MS Spectra

Qualitative Analysis Report

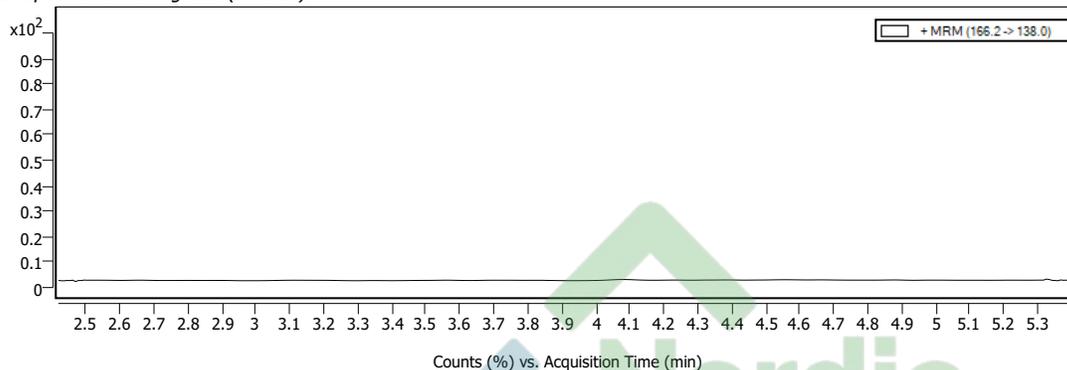


Cpd. 13: Benzocaine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Benzocaine			Not Detected	-	166.2	138.0	15.00		MRM

Compound Chromatograms (overlaid)

Structure

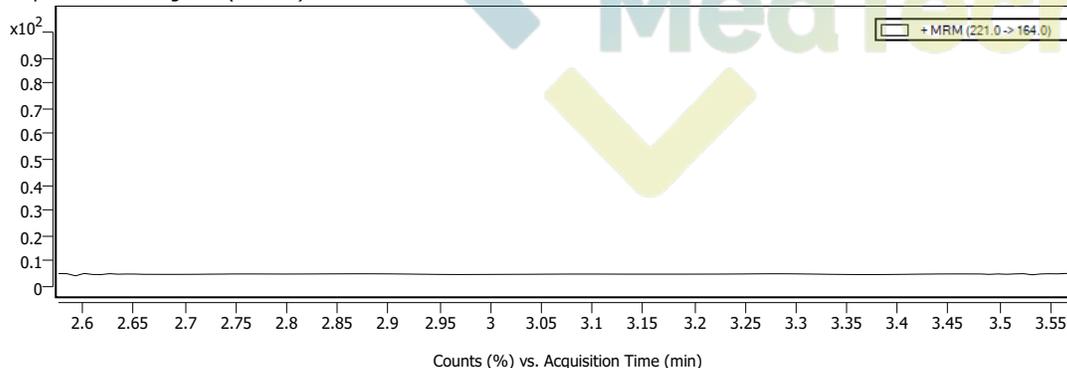


Cpd. 14: Xylazine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Xylazine			Not Detected	-	221.0	164.0	27.00		MRM

Compound Chromatograms (overlaid)

Structure

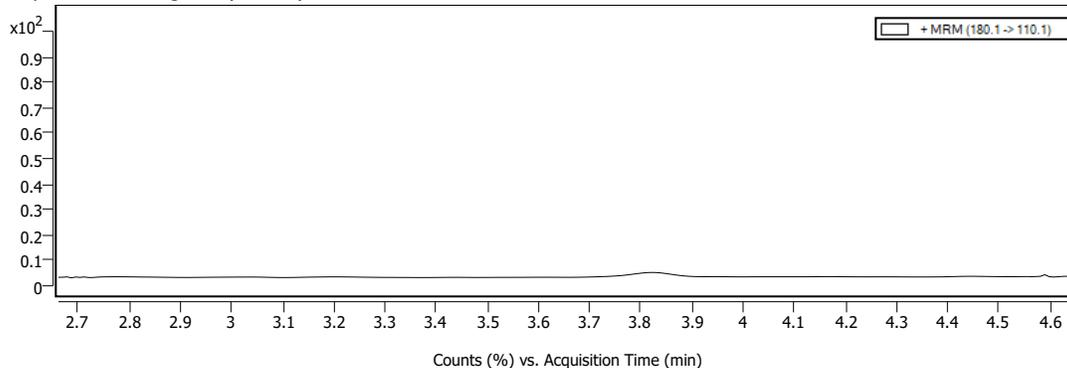


Cpd. 15: Phenacetin

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Phenacetin			Not Detected	-	180.1	110.1	12.00		MRM

Compound Chromatograms (overlaid)

Structure



Qualitative Analysis Report

Sample Information

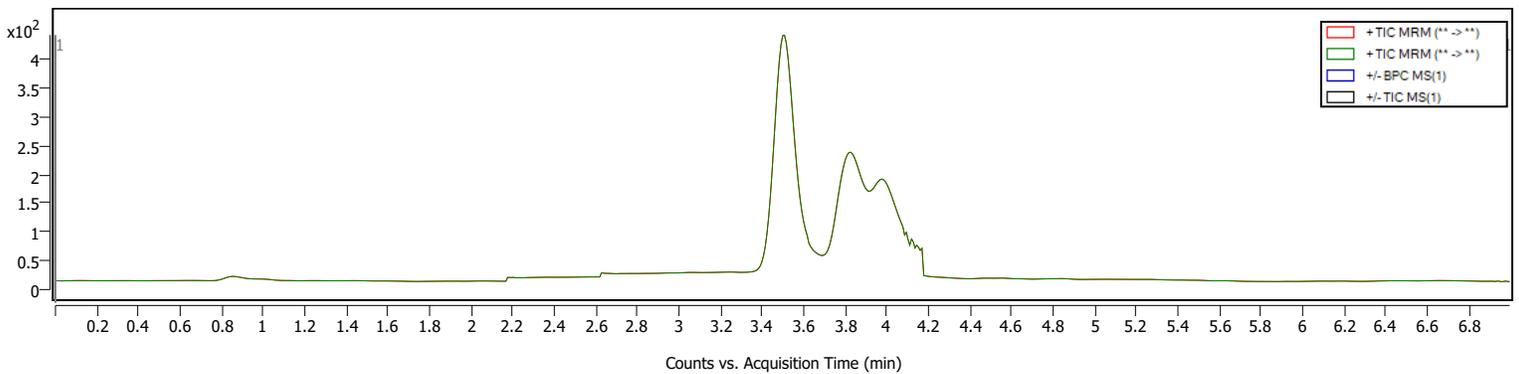
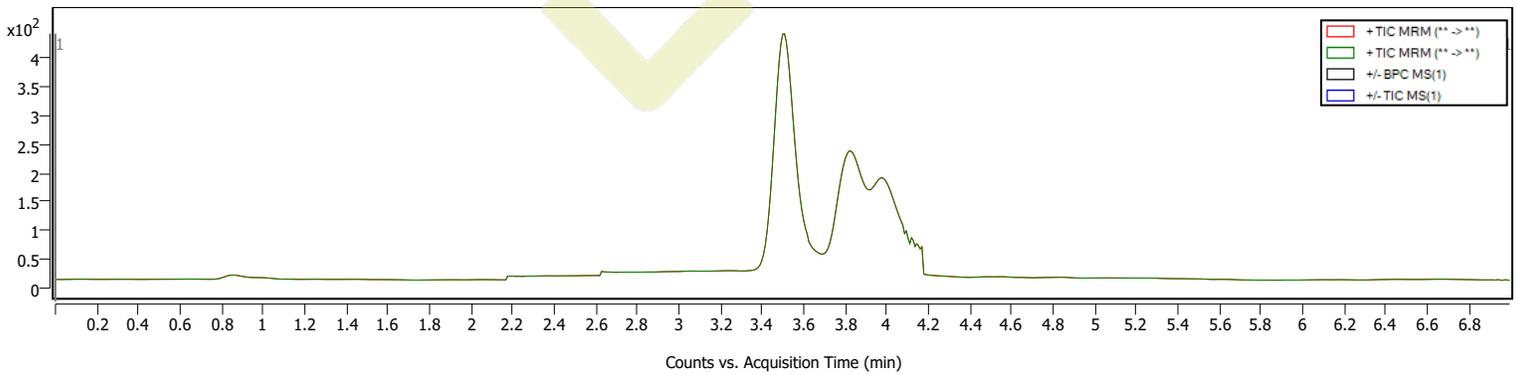
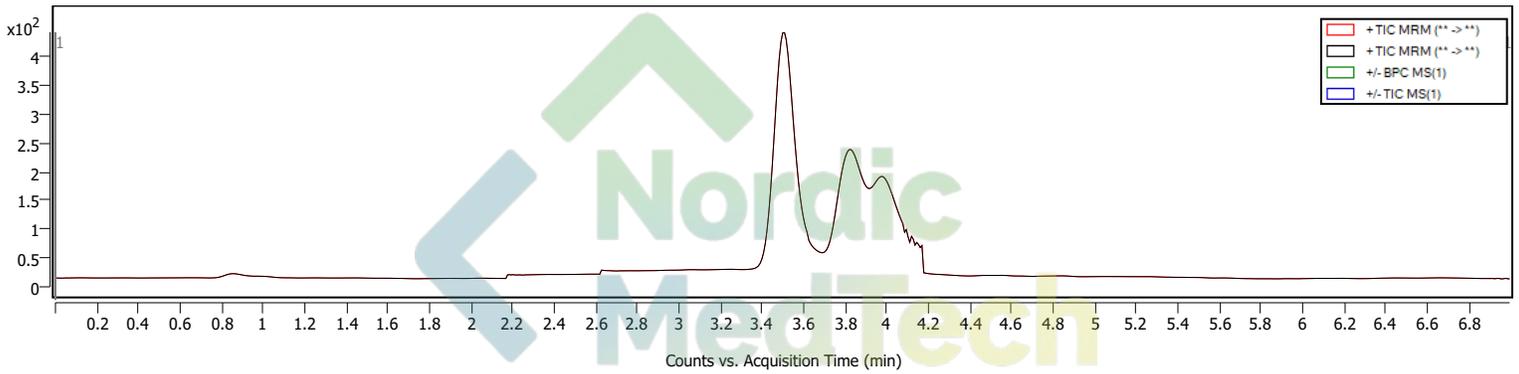
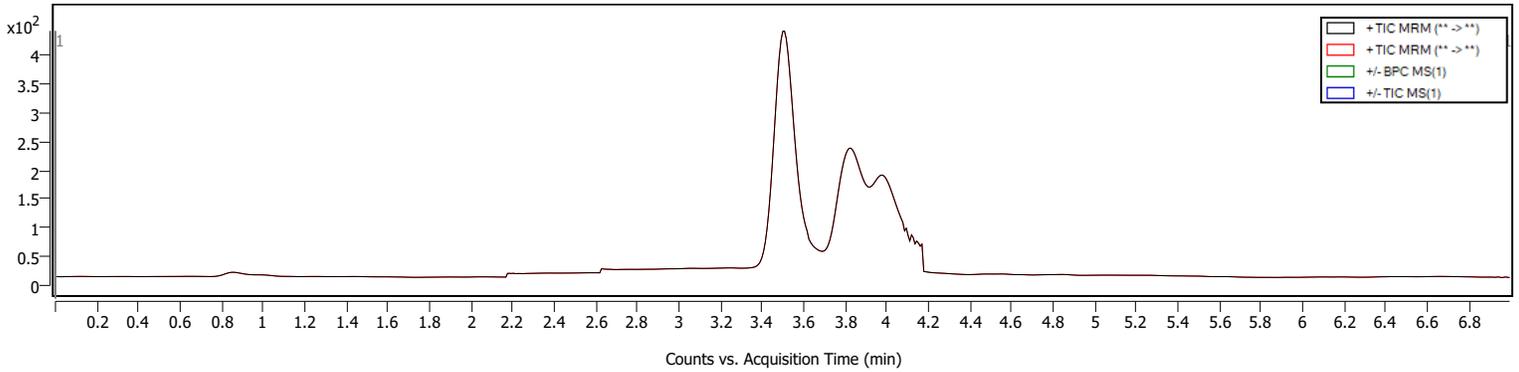
Name 4758_Cocaine
Instrument Instrument 1
MS Type QQQ
Inj. Vol. (ul) 5
Position P1-C11

Acq. Time (Local) 1/27/2026 4:47:40 PM (UTC+01:00)

Version (Acq SW) Ultivo LC/TQ 1.2 (23)

Result Summary 8 qualified (8 targets)

Sample Chromatograms



Compound Summary

Cpd	Name	Formula	Mass	RT	Area	m/z	Algorithm
1	Norcocaine			3.509	2046	290.1	MRM
2	Truxilline			3.975	751	659.3	MRM
3	Benzoylecgonine			Not Detected	-	-	MRM
4	Hydroxytropacocaine			Not Detected	-	-	MRM
5	Ecgonine			Not Detected	-	-	MRM
6	Ecgonidine			Not Detected	-	-	MRM
7	Cinnamoylcocaine			3.817	1702	330.0	MRM
8	Tropacocaine			Not Detected	-	-	MRM

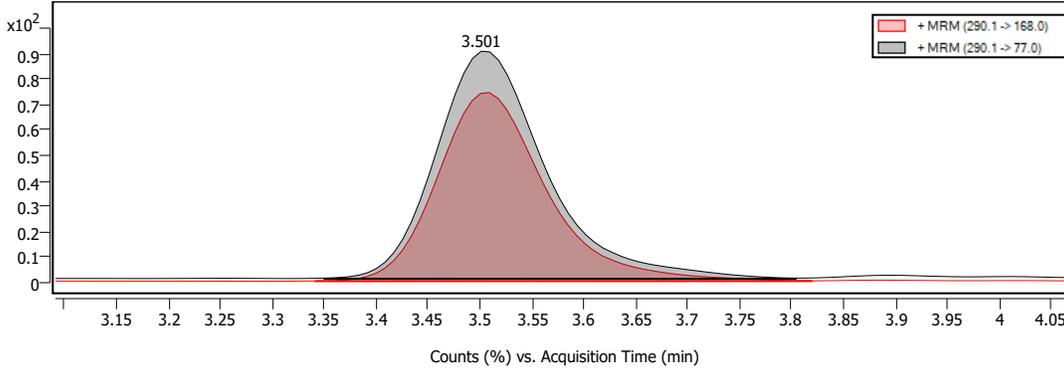


Compound Details

Cpd. 1: Norcocaine

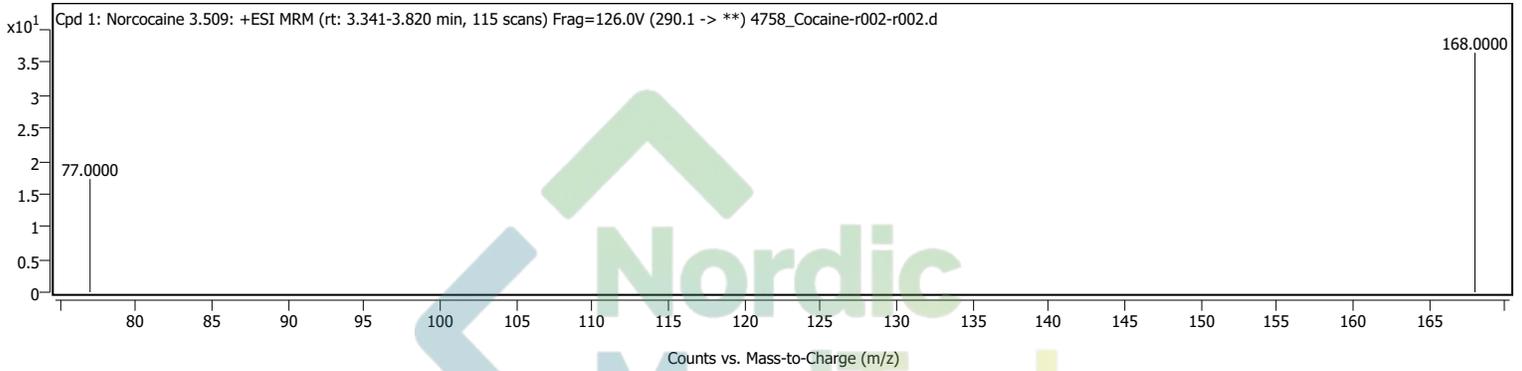
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Norcocaine			3.509	2046	290.1	168.0	20.00		MRM

Compound Chromatograms (overlaid)



Structure

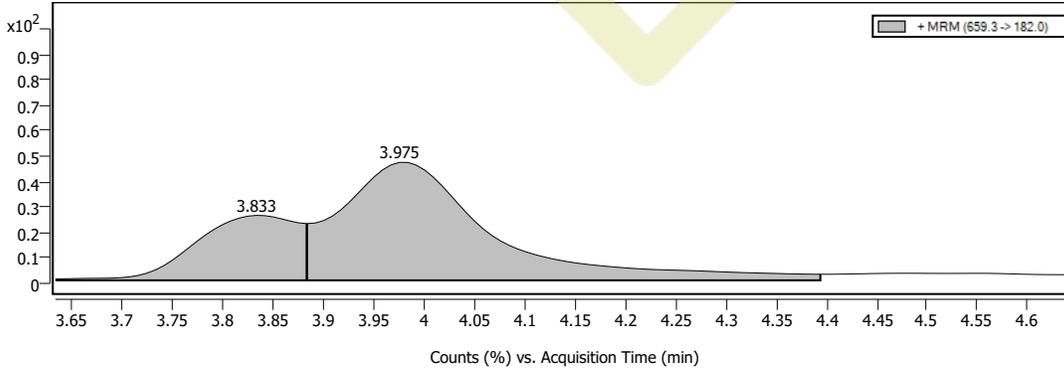
MS/MS Spectra



Cpd. 2: Truxilline

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Truxilline			3.975	751	659.3	182.0	37.00		MRM

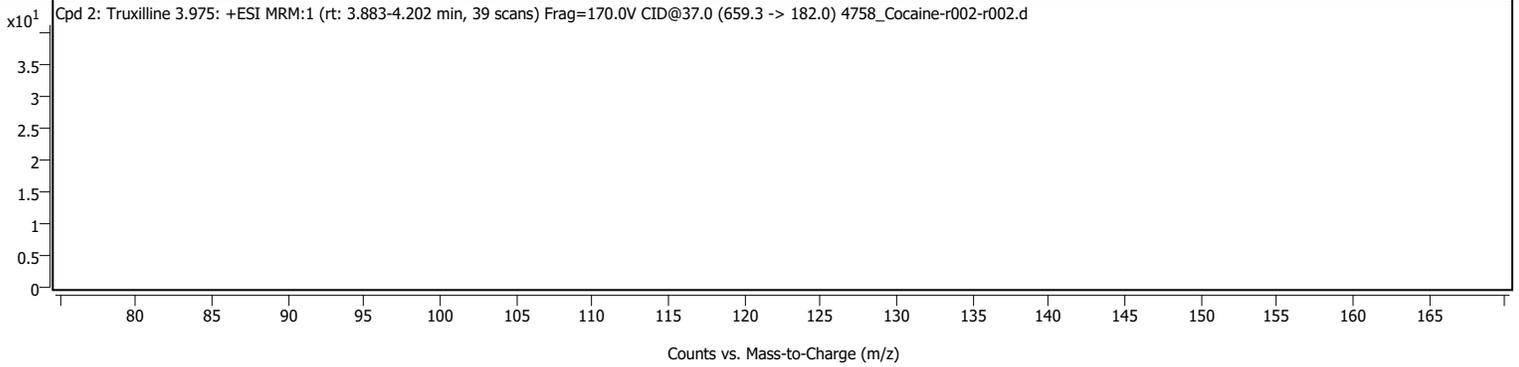
Compound Chromatograms (overlaid)



Structure

MS/MS Spectra

Qualitative Analysis Report

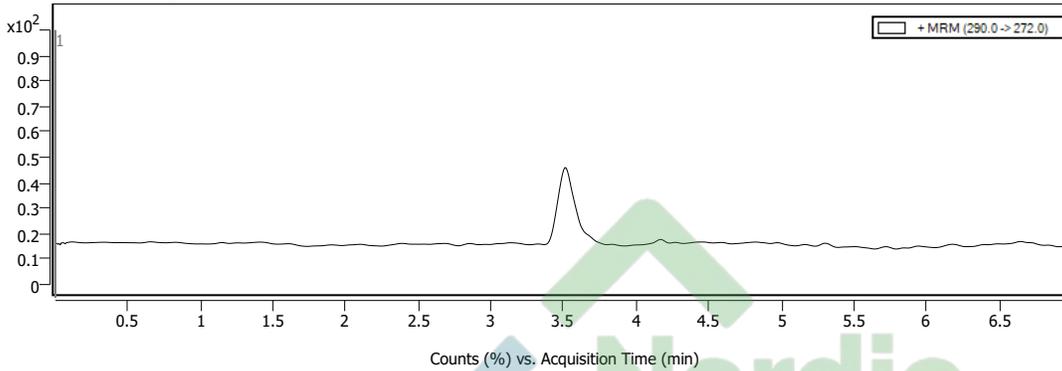


Cpd. 3: Benzoyllecgonine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Benzoyllecgonine			Not Detected	-	290.0	272.0	20.00		MRM

Compound Chromatograms (overlaid)

Structure

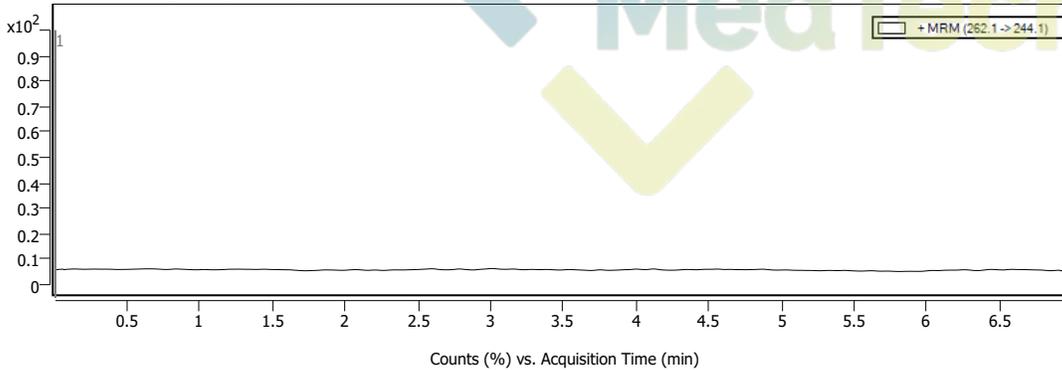


Cpd. 4: Hydroxytropacocaine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Hydroxytropacocaine			Not Detected	-	262.1	244.1	20.00		MRM

Compound Chromatograms (overlaid)

Structure

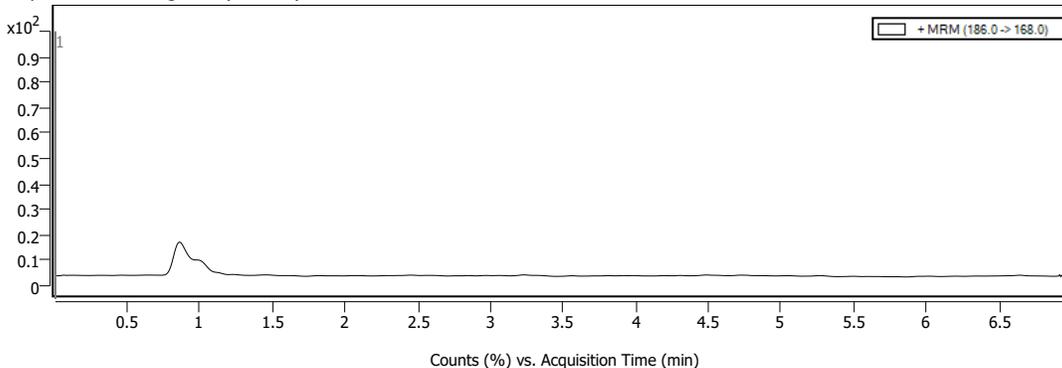


Cpd. 5: Ecgonine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Ecgonine			Not Detected	-	186.0	168.0	20.00		MRM

Compound Chromatograms (overlaid)

Structure

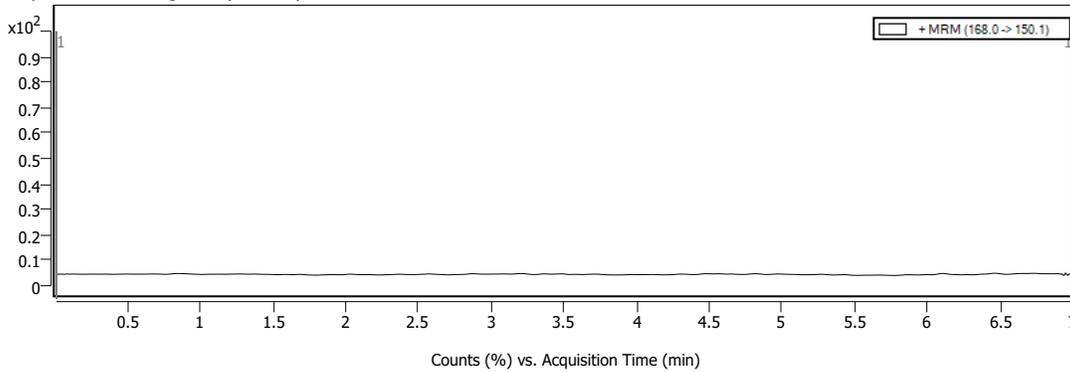


Qualitative Analysis Report

Cpd. 6: Ecgonidine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Ecgonidine			Not Detected	-	168.0	150.1	20.00		MRM

Compound Chromatograms (overlaid)

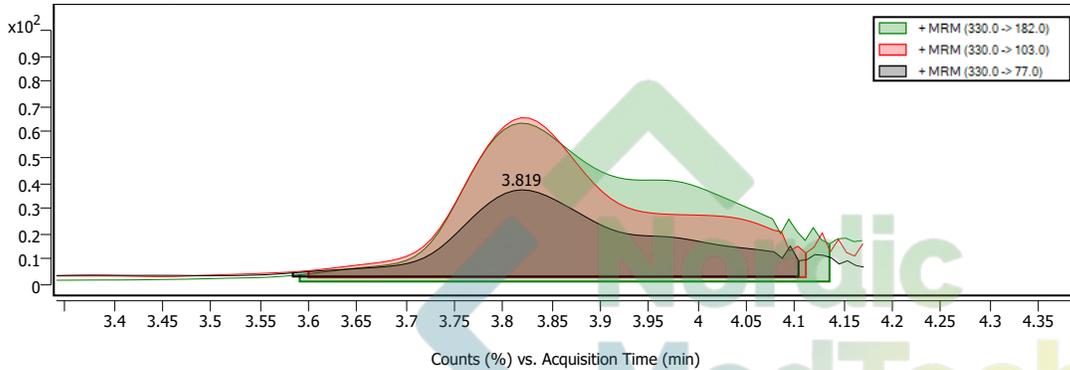


Structure

Cpd. 7: Cinnamoylcocaine

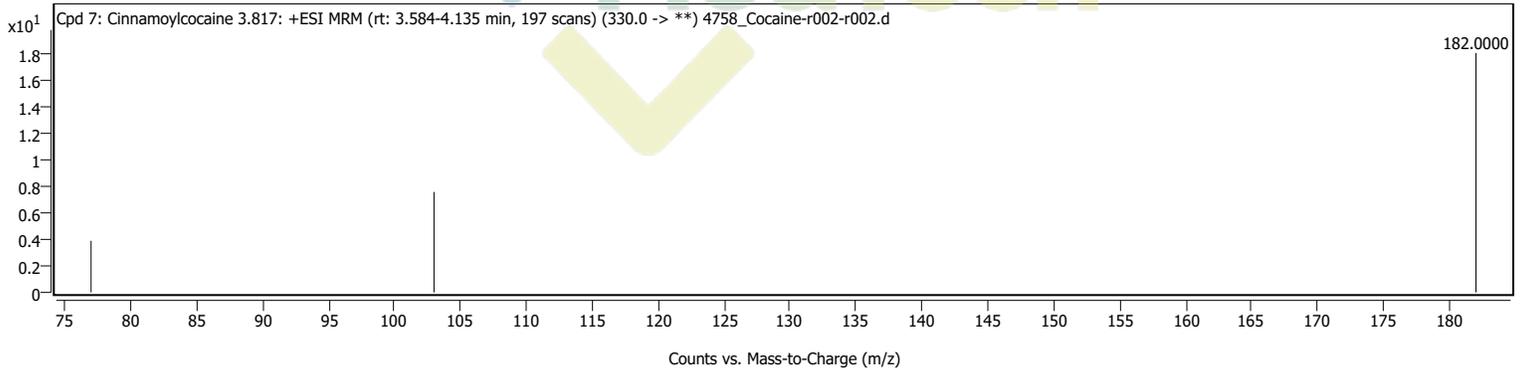
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Cinnamoylcocaine			3.817	1702	330.0	182.0	20.00		MRM

Compound Chromatograms (overlaid)



Structure

MS/MS Spectra



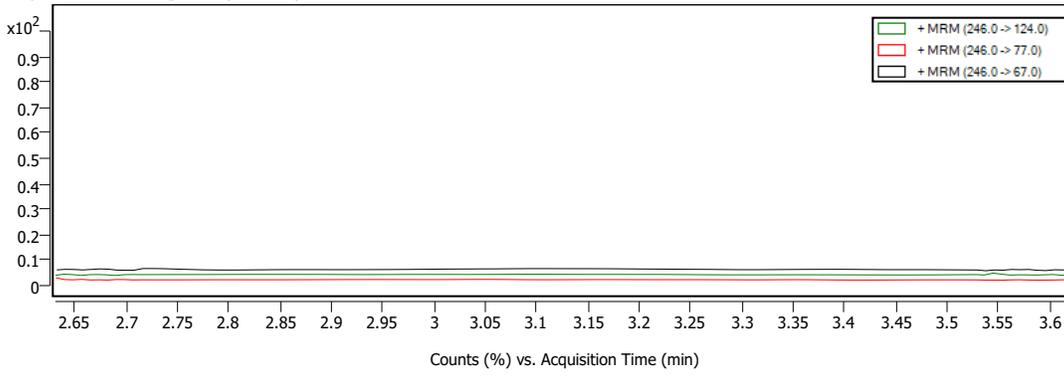
Cpd. 8: Tropacocaine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Tropacocaine			Not Detected	-	246.0	124.0	20.00		MRM

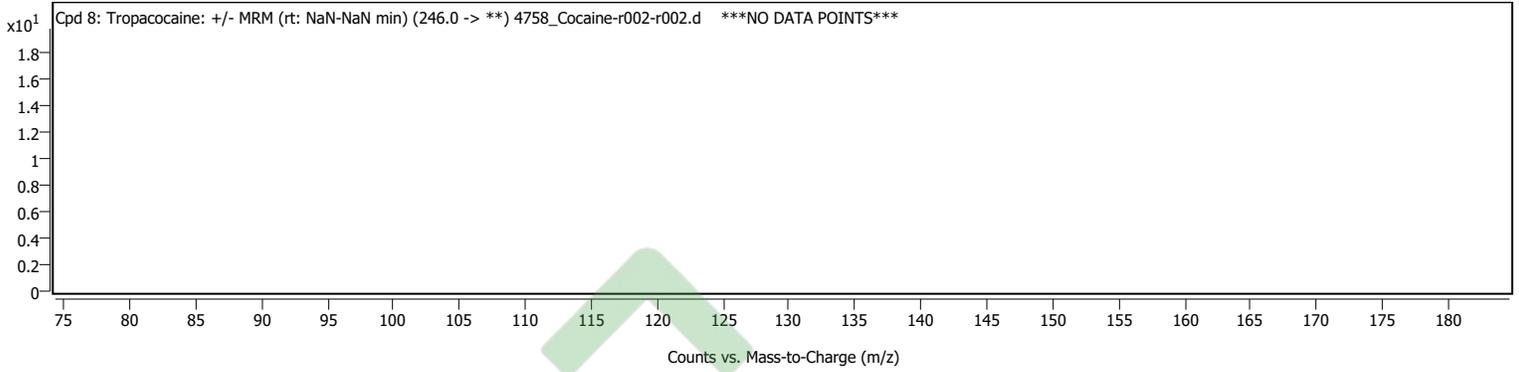
Qualitative Analysis Report

Compound Chromatograms (overlaid)

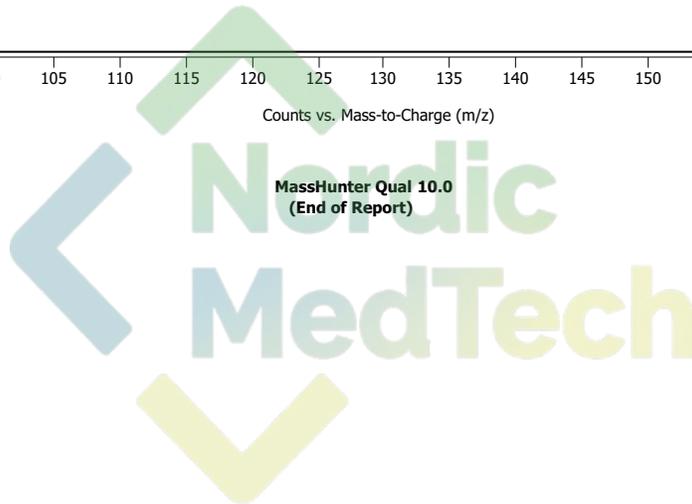
Structure



MS/MS Spectra



MassHunter Qual 10.0
(End of Report)





Analysis report

Sample #4758_cocaine

Identified substances

Cocaine (HCl)

Quantified properties

Purity base	85.6 %	± 12.9%
Purity hcl	95.9 %	± 14.4%

Confidence 99.0%

Info All calibration and system checks passed on 01/27/2026 11:05 a.m. CET.

Sample info

Last scan 01/27/2026 11:05 a.m. CET
User Kykeon analytics
Algorithm Narcotics v162
Device(s) M1-1000387
Geolocation -
Homogeneity Excellent

Sample attributes

Measure type Unspecified
Substance Form Unspecified

Scans

Measure type: Unspecified Substance Form: Unspecified Device: M1-1000387

N°	Date	Substance	Confidence	Added by
3	01/27/2026 11:05 a.m. CET	Cocaine (HCl) Purity base 87.9 %	99.0%	Kykeon analytics
2	01/27/2026 11:05 a.m. CET	Cocaine (HCl) Purity base 82.4 %	99.0%	Kykeon analytics
1	01/27/2026 11:05 a.m. CET	Cocaine (HCl) Purity base 86.4 %	99.0%	Kykeon analytics

Spectra

