Analytical Report

Sample ID	**4609** - **Analysis Service - A3318**
Expected	**SKIP THE QUEUE Amphetamine**
Sample adulterated or impure?	**No**
Sample Appearance	
Sample type	Service -
Date of sample receipt	05-Jan-2026
Date of analysis	05-Jan-2026
Date of Report	07-Jan-2026

Full Quantitative + Qualitative Analysis

Substances identified	Harm Reduction information	Chemical Class	Pubchem ID	Analytical techniques used
Amphetamine sulphate > 99%	https://psychonautwiki.org/wiki/Amphetamine		N/A	FTIR/LCMS/NMR

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

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

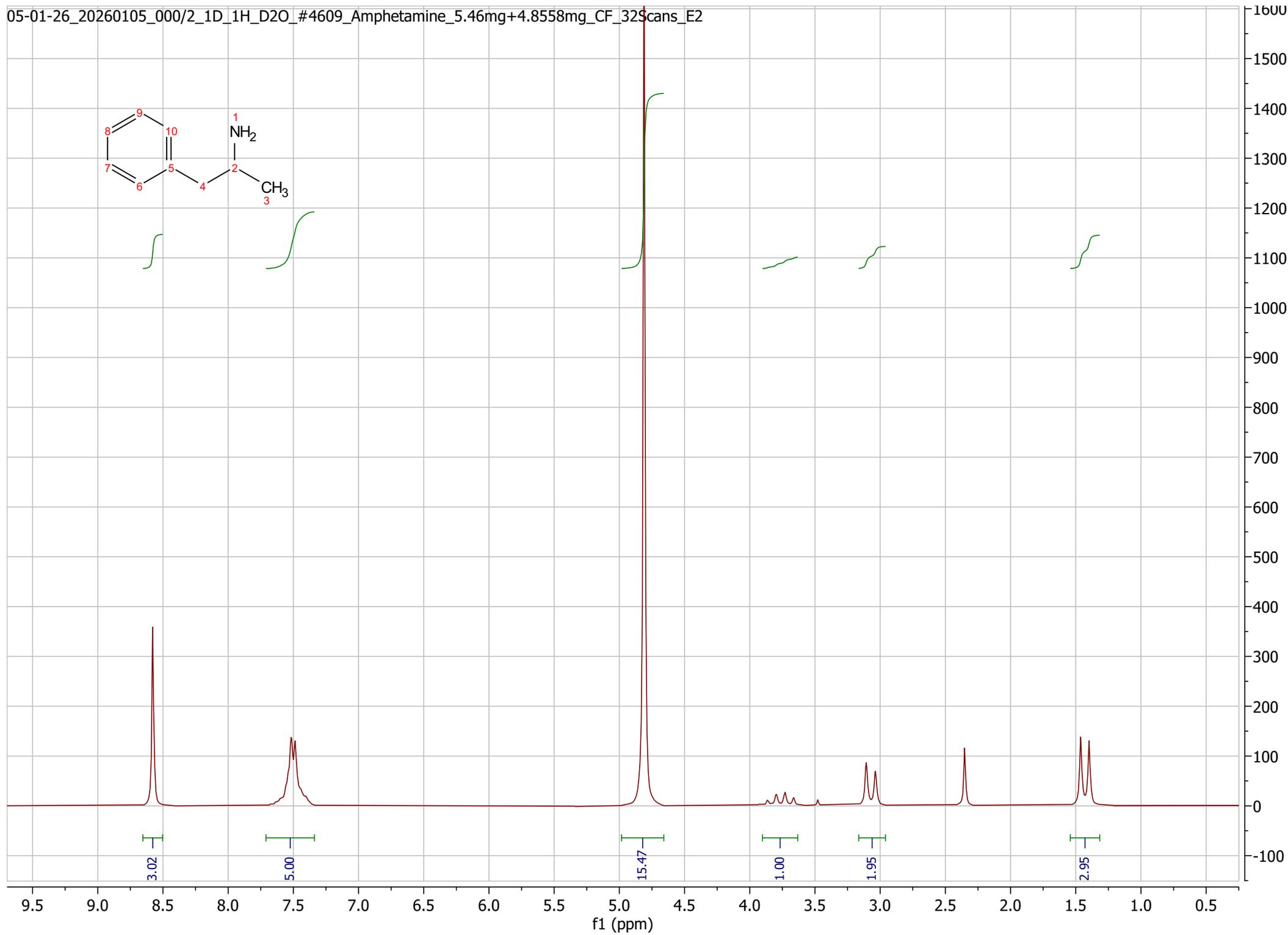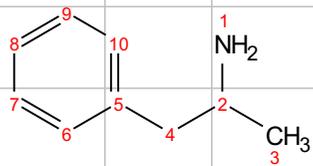https://www.kykeonanalytics.com/services/users/

Attachments:
-
-

Report generated by: tsan

05-01-26_20260105_000/2_1D_1H_D2O_#4609_Amphetamine_5.46mg+4.8558mg_CF_32Scans_E2

Qualitative Analysis Report

Agilent | Trusted Answers

Sample Information

Name   4609_Amphetamine

Instrument   Instrument 1

MS Type   QQQ

Inj. Vol. (ul)   1

Position   P1-B5

Acq. Time (Local)   1/7/2026 2:52:52 PM (UTC+01:00)

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

Result Summary   8 qualified (8 targets)

Sample Chromatograms
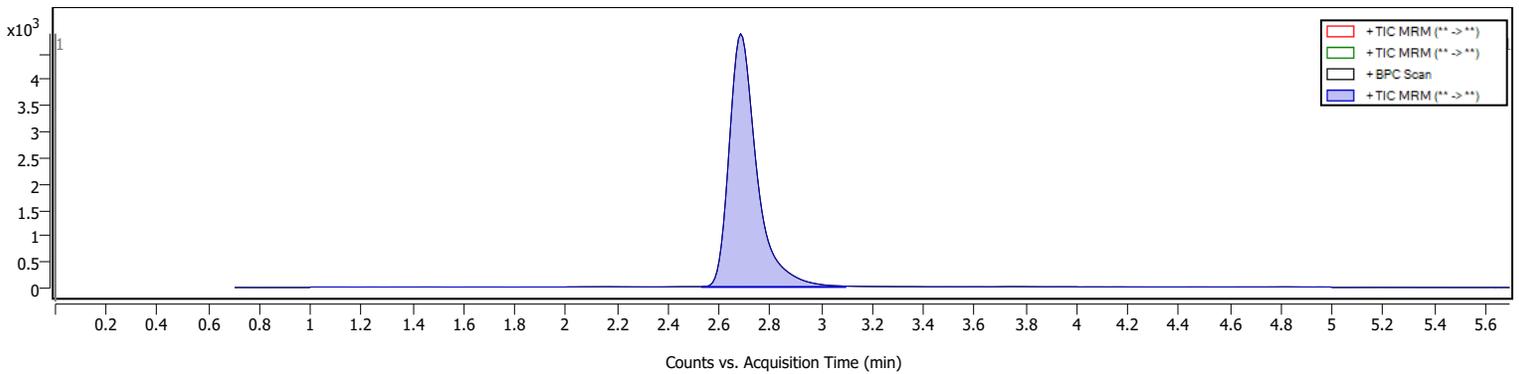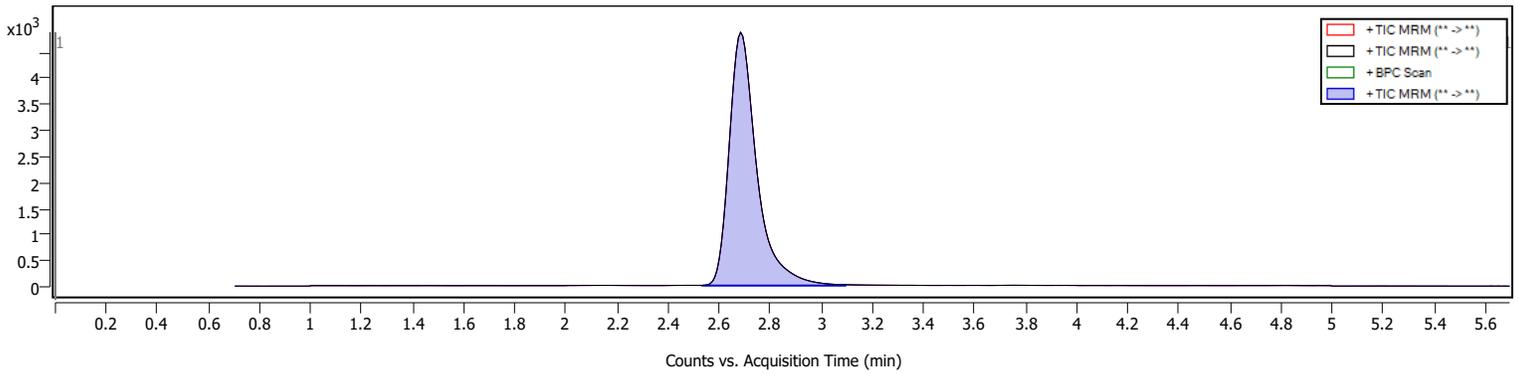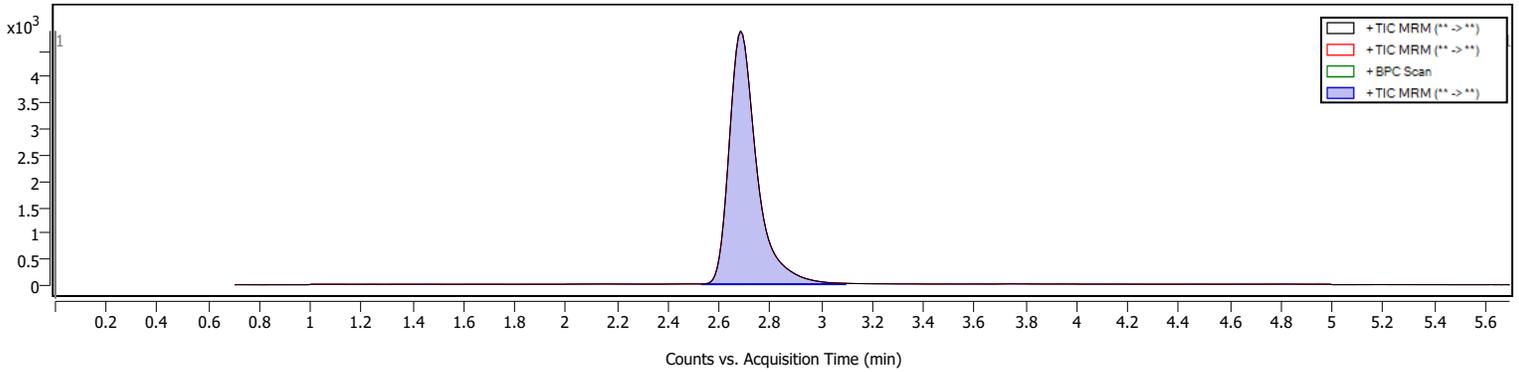
Compound Summary

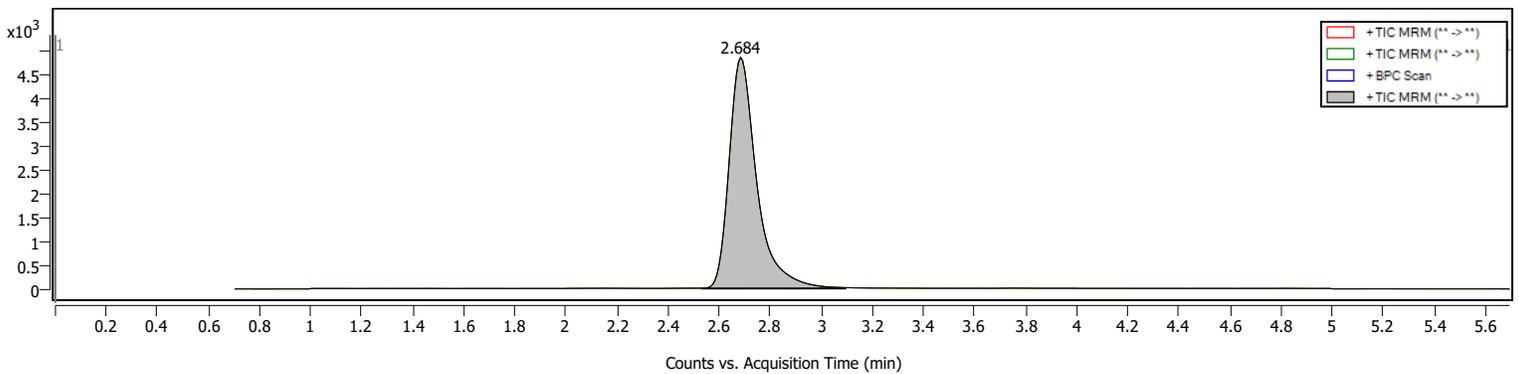| Cpd	Name	Formula	Mass	RT	Area	m/z	Algorithm
1	Caffeine			Not Detected	-	-	MRM
2	Amphetamine			2.690	35527	136.2	MRM
3	PEA			Not Detected	-	-	MRM
4	DPIA			Not Detected	-	-	MRM
5	BMK glycidate			Not Detected	-	-	MRM
6	N-formyl-amphetamine			Not Detected	-	-	MRM
7	Paracetamol			Not Detected	-	-	MRM
8	Methamphetamine			Not Detected	-	-	MRM

Qualitative Analysis Report

Compound Details

Cpd. 1: Caffeine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Caffeine			Not Detected	-	195.0	138.1	12.00		MRM

Compound Chromatograms (overlaid)   *Structure*

MS/MS Spectra

Cpd 1: Caffeine: +/- MRM (rt: NaN-NaN min) (195.0 -> **) 4609_Amphetamine-r002.d   ***NO DATA POINTS***
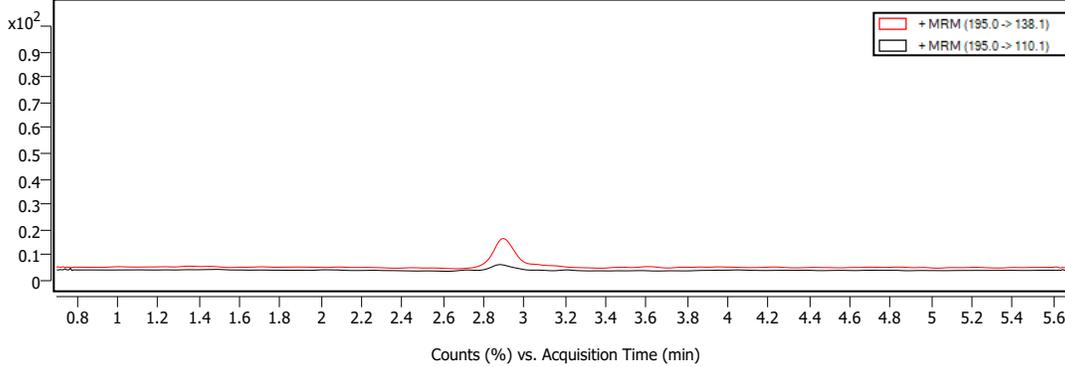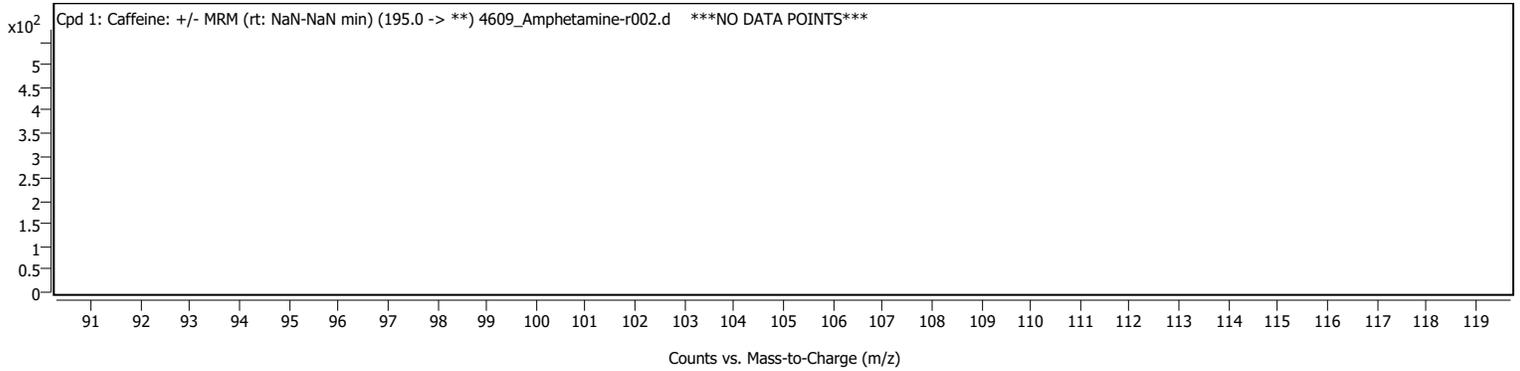
Cpd. 2: Amphetamine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Amphetamine			2.690	35527	136.2	91.0	15.00		MRM
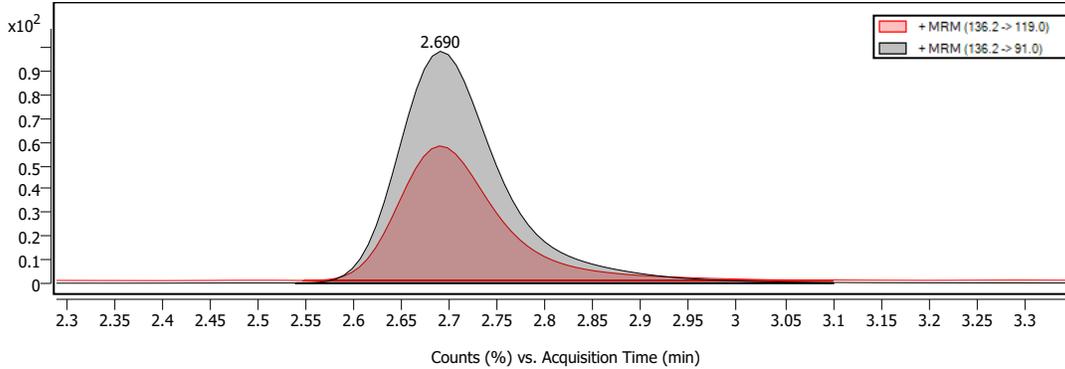
Compound Chromatograms (overlaid)   *Structure*

MS/MS Spectra

Qualitative Analysis Report

Cpd 2: Amphetamine 2.690: +ESI MRM (rt: 2.540-3.100 min, 135 scans) Frag=75.0V (136.2 -> **) 4609_Amphetamine-r002.d

x10²

91.0000

119.0000

Counts vs. Mass-to-Charge (m/z)
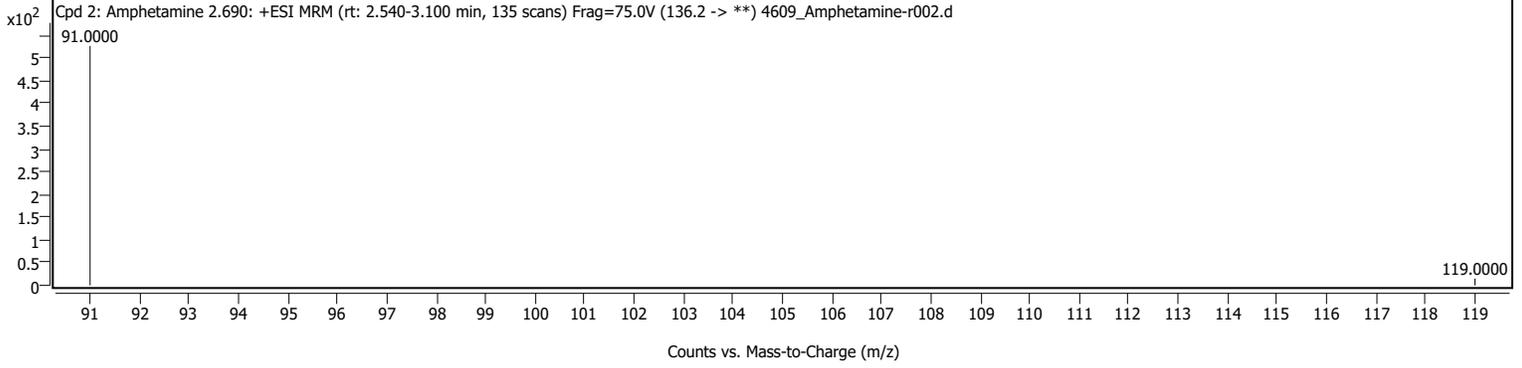
Cpd. 3: PEA

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
PEA			Not Detected	-	122.0	105.0	5.00		MRM

Compound Chromatograms (overlaid)   *Structure*

x10²

+ MRM (122.0 -> 105.0)

Counts (%) vs. Acquisition Time (min)
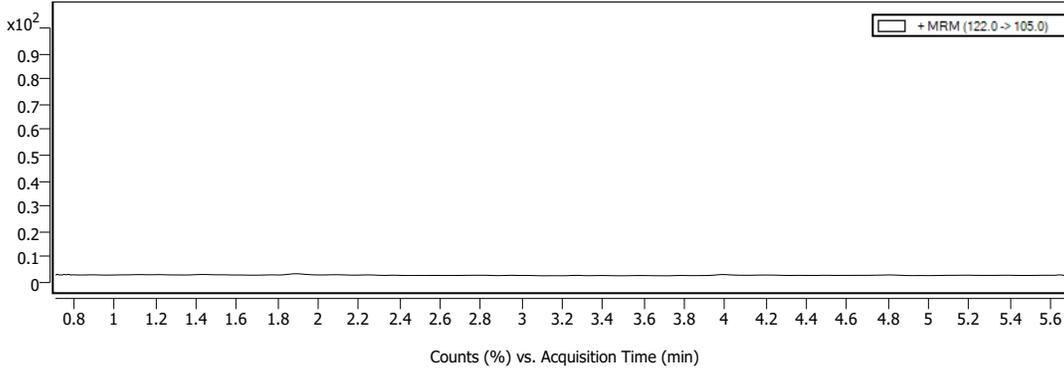
Cpd. 4: DPIA

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
DPIA			Not Detected	-	254.0	162.0	5.00		MRM

Compound Chromatograms (overlaid)   *Structure*

x10²

+ MRM (254.0 -> 162.0)

Counts (%) vs. Acquisition Time (min)
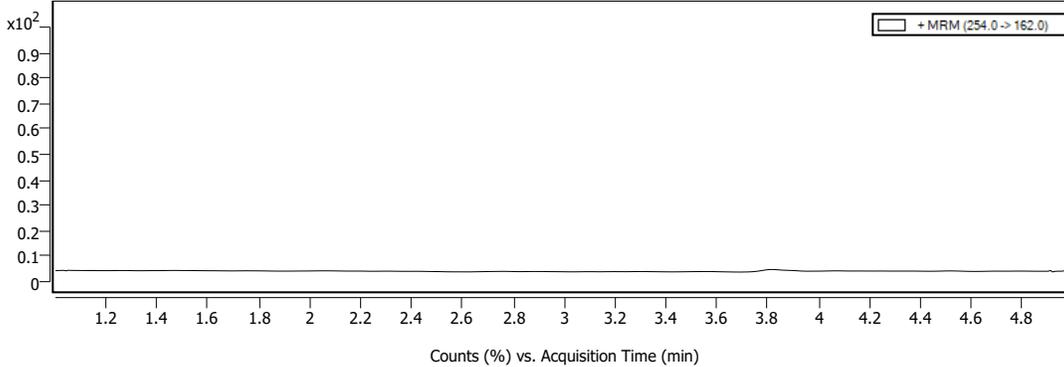
Cpd. 5: BMK glycidate

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
BMK glycidate			Not Detected	-	179.0	133.0	5.00		MRM

Compound Chromatograms (overlaid)   *Structure*

x10²

+ MRM (179.0 -> 133.0)

Counts (%) vs. Acquisition Time (min)
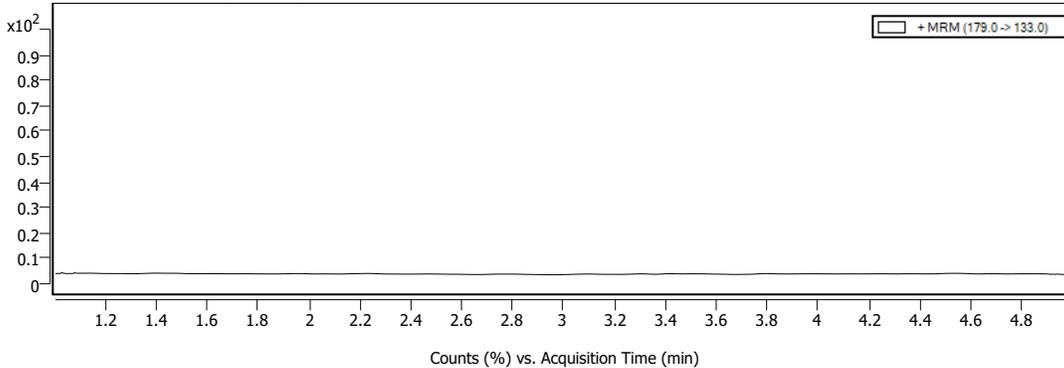
Cpd. 6: N-formyl-amphetamine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
N-formyl-amphetamine			Not Detected	-	164.0	91.0	5.00		MRM

Compound Chromatograms (overlaid)   *Structure*

+ MRM (164.0 -> 91.0)

Counts (%) vs. Acquisition Time (min)
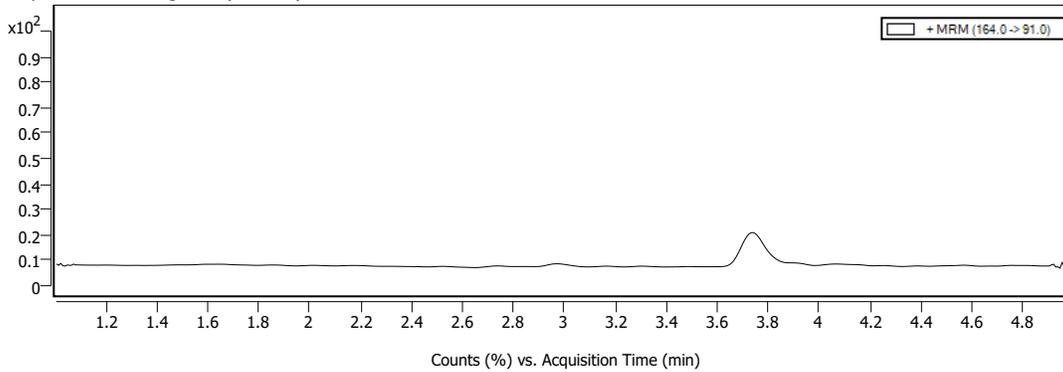
Cpd. 7: Paracetamol

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Paracetamol			Not Detected	-	152.0	92.0	5.00		MRM

Compound Chromatograms (overlaid)   *Structure*

+ MRM (152.0 -> 92.0)

Counts (%) vs. Acquisition Time (min)
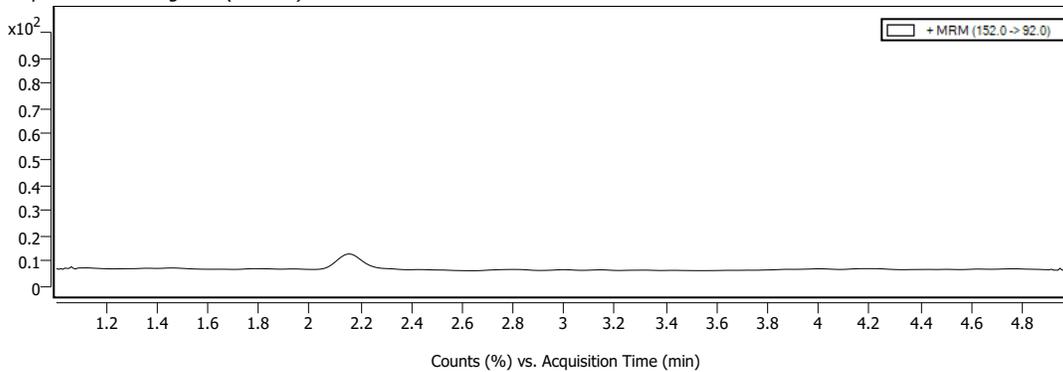
Cpd. 8: Methamphetamine

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Methamphetamine			Not Detected	-	150.0	119.0	5.00		MRM

Compound Chromatograms (overlaid)   *Structure*

+ MRM (150.0 -> 119.0)

Counts (%) vs. Acquisition Time (min)
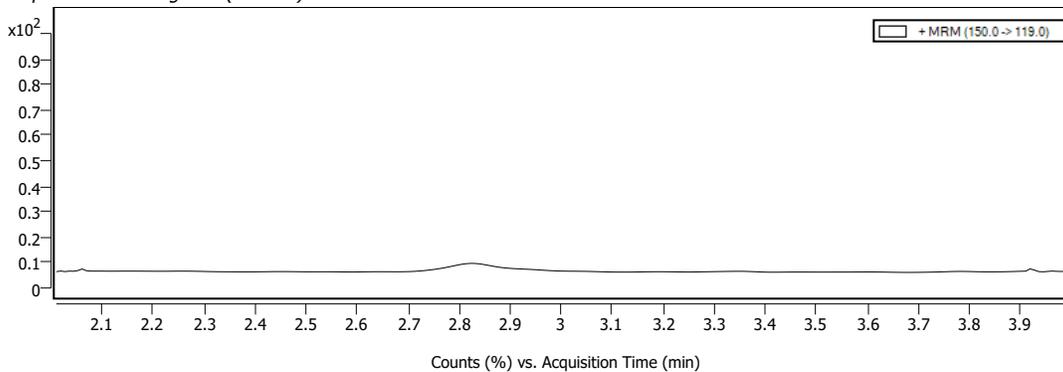
MassHunter Qual 10.0
(End of Report)
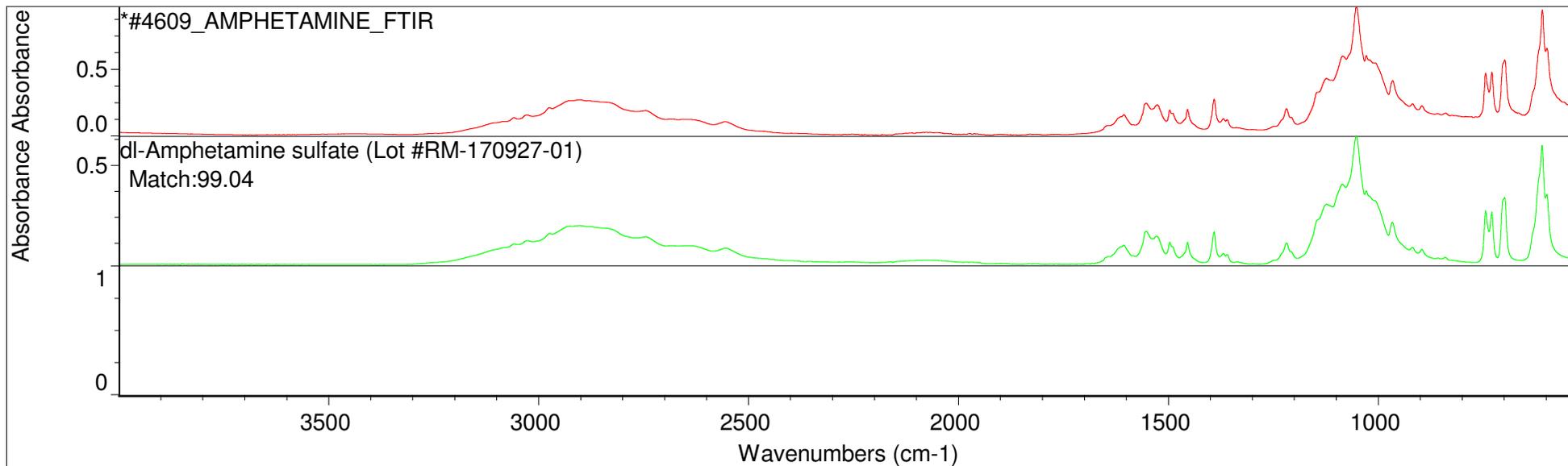
Search results list of matches

	Index	Match	Compound Name	Library Name
1	405	99.04	dl-Amphetamine sulfate (Lot #RM-170927-01)	Master SFL1 FTIR library v. 082719

Sample report

Sample #4609_amphetamine

▌Identified substances

Amphetamine Paste

Quantified properties

Purity base	38.9	%	± 3.7%
Purity sulfate	53.0	%	± 5.0%

Confidence 96.3%

> **Info** All calibration and system checks passed on **01/05/2026 11:26 a.m. CET**.

▌Sample info

Last scan	01/05/2026 11:26 a.m. CET
User	Kykeon analytics
Algorithm	Narcotics v153
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	01/05/2026 11:26 a.m. CET	**Amphetamine Paste** Purity base 36.8 %	97.0%	Kykeon analytics
2	01/05/2026 11:26 a.m. CET	**Amphetamine Paste** Purity base 36.6 %	95.0%	Kykeon analytics
1	01/05/2026 11:26 a.m. CET	**Amphetamine Paste** Purity base 43.2 %	97.0%	Kykeon analytics

Spectra

#4609_amphetamine: SNV