

Analytical Report

Sample ID	2142	-	Analysis Service - A1031	Ordered by: Quasar Chemicals
Expected	EtMC			
Sample adulterated/impure?	No			
Sample Appearance				
Sample type	Service	-		
Date of sample receipt	07-Jan-2025			
Date of analysis	15-Jan-2025			
Date of Report	16-Jan-2025			

Qualitative and Quantitative Results

Substances identified	Harm Reduction information	Chemical Class	Pubchem ID	analytical techniques used
3,4-EtMC HCl 97.4%	https://psychonautwiki.org/wiki/3,4-EtMC	Cathinone	https://pubche	FTIR/LCMS/NMR

Comment:

* 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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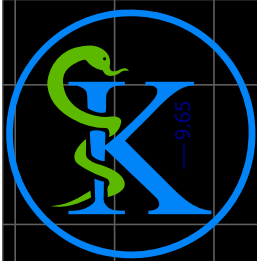
Detailed information regarding our workflow including a full description of the analytical methods applied

is freely available under <https://www.kykeonanalytics.com/services/users/>

Attachments:

-
-
-

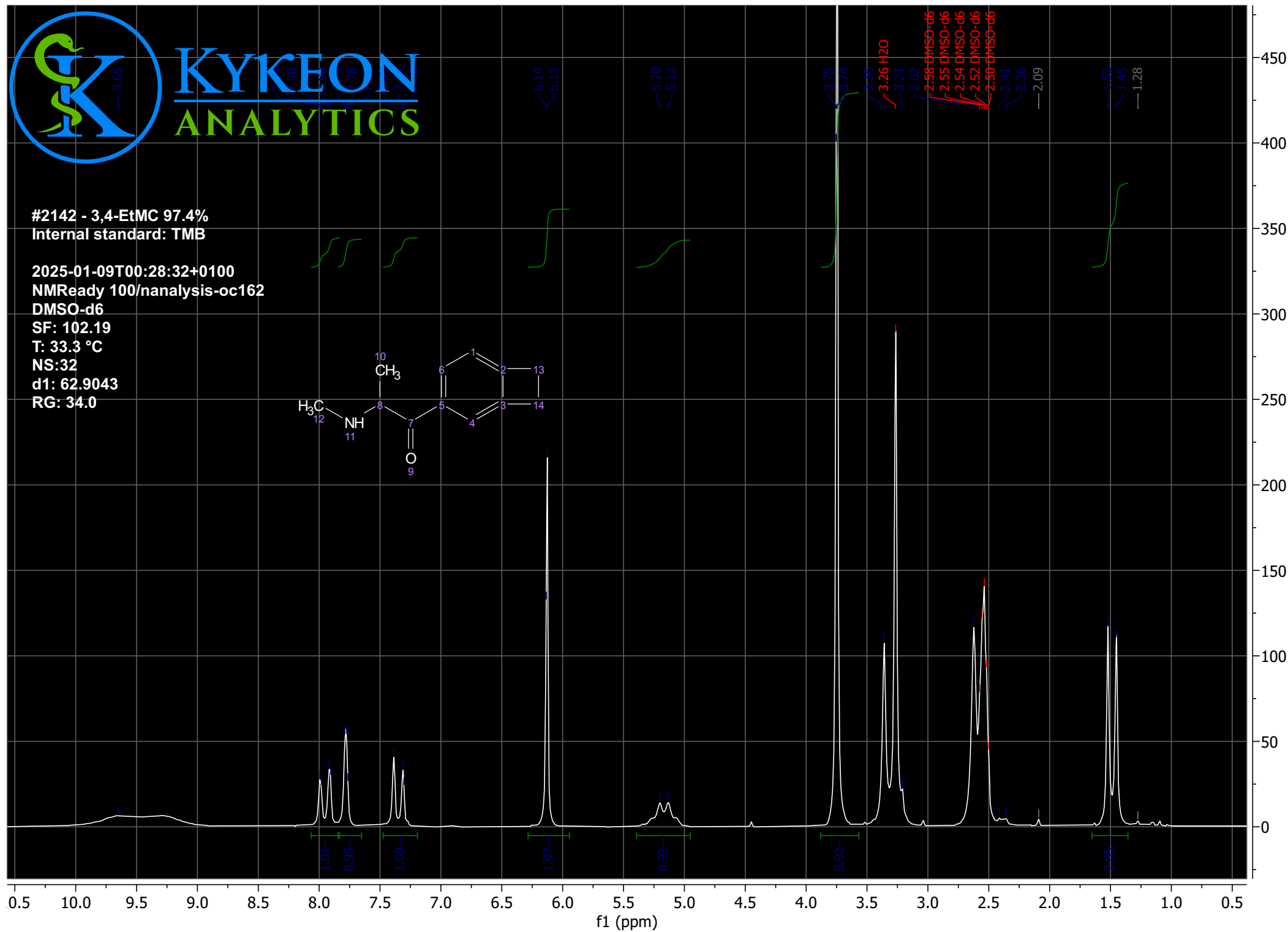
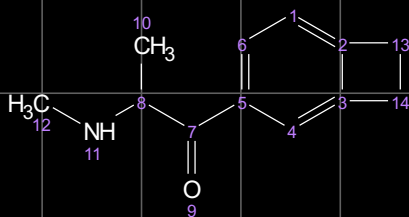
End of Analytical Report



KYKEON
ANALYTICS

#2142 - 3,4-EtMC 97.4%
Internal standard: TMB

2025-01-09T00:28:32+0100
NMReady 100/nanalysis-oc162
DMSO-d6
SF: 102.19
T: 33.3 °C
NS:32
d1: 62.9043
RG: 34.0



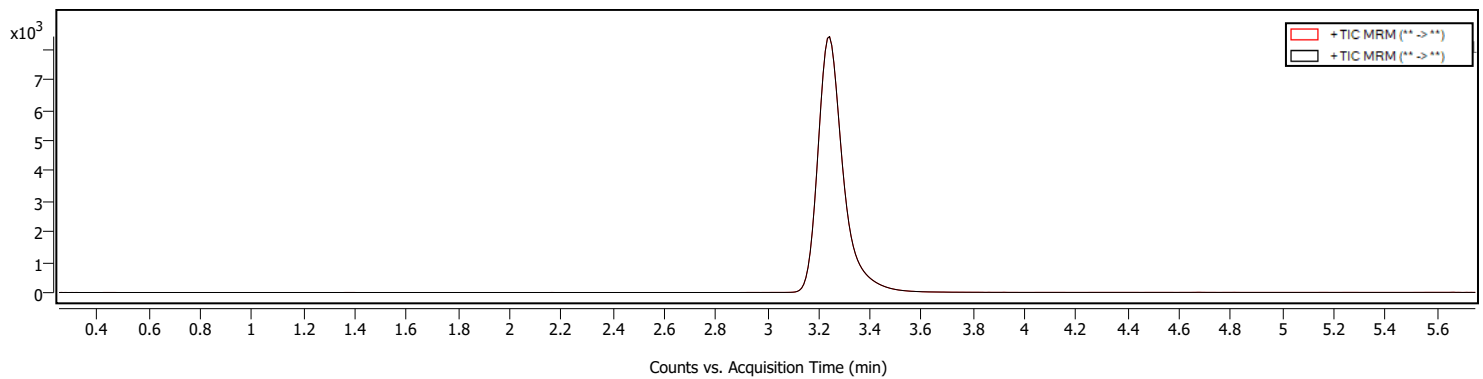
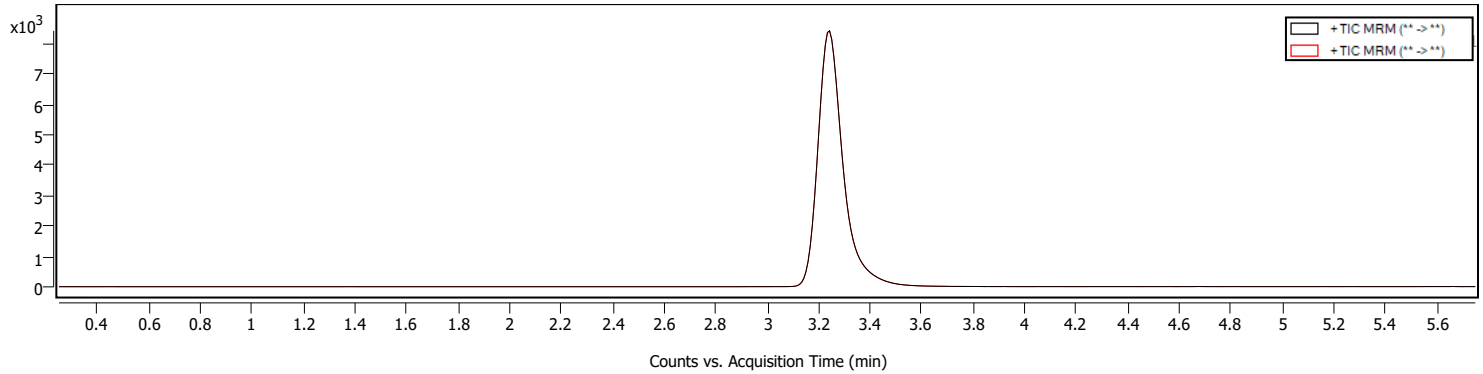
Qualitative Analysis Report



Sample Information

Name	2142_etmc	Data File Path	D:\Kyeon\Data\2025\01-08\2142_etmc_MRM.d
Sample ID		Acq. Time (Local)	1/10/2025 12:03:21 AM (UTC+01:00)
Instrument	Instrument 1	Method Path (Acq)	D:\Kyeon\methods\substances\3,4-etmc.m
MS Type	QQQ	Version (Acq SW)	Ultivo LC/TQ C.01.00 (B1677.1 SR1)
Inj. Vol. (ul)	1	IRM Status	
Position	P1-E10	Method Path (DA)	D:\Kyeon\methods\ReportWorkflowMethod-MRM.m
Operator		Result Summary	2 qualified (2 targets)

Sample Chromatograms



Compound Summary

Cpd	Name	Formula	Mass	RT	Area	m/z	Algorithm
1	3-chloroethyl-N-methylcathinone			Not Detected	-	-	MRM
2	3,4-EtMC			3.249	54941	190.0	MRM

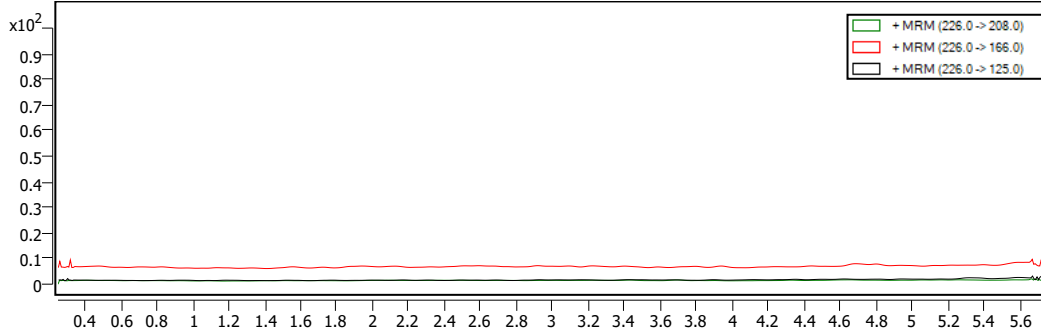
Qualitative Analysis Report

Compound Details

Cpd. 1: 3-chloroethyl-N-methylcathinone

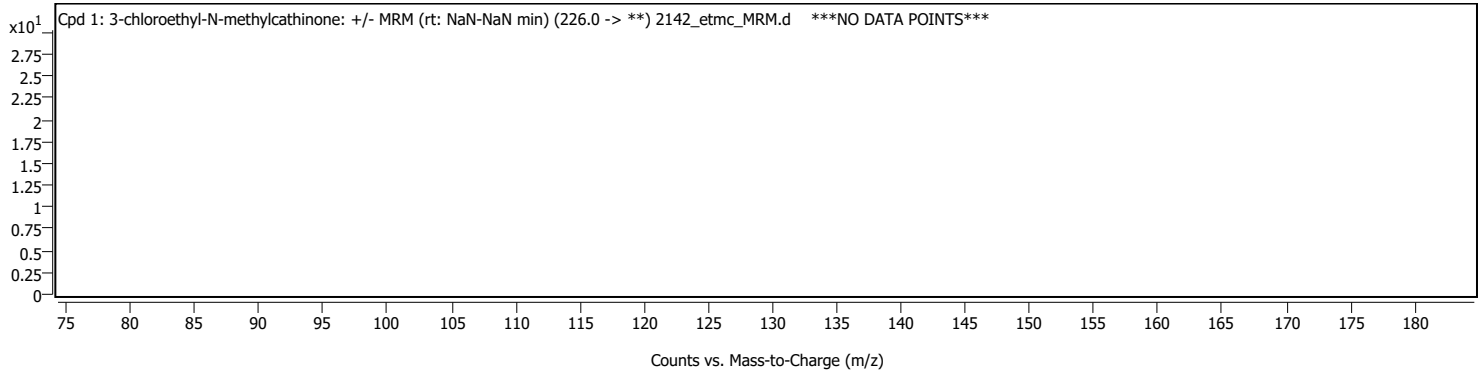
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
3-chloroethyl-N-methylcathinone			Not Detected	-	226.0	208.0	20.00		MRM

Compound Chromatograms (overlaid)



Structure

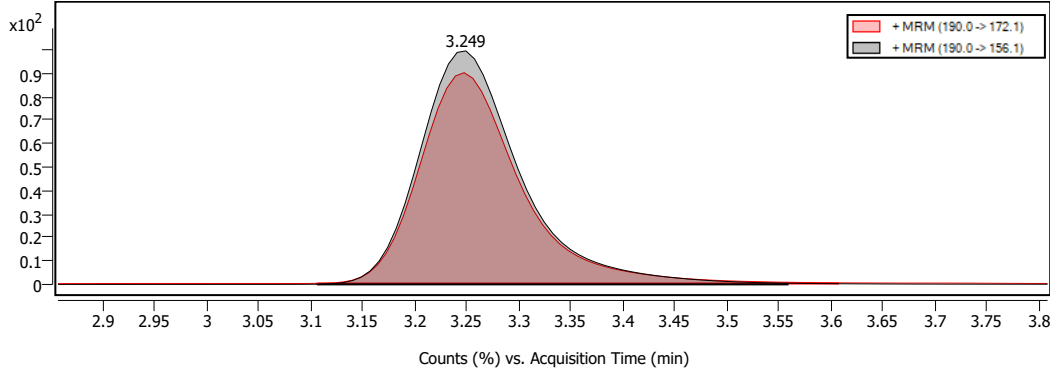
MS/MS Spectra



Cpd. 2: 3,4-EtMC

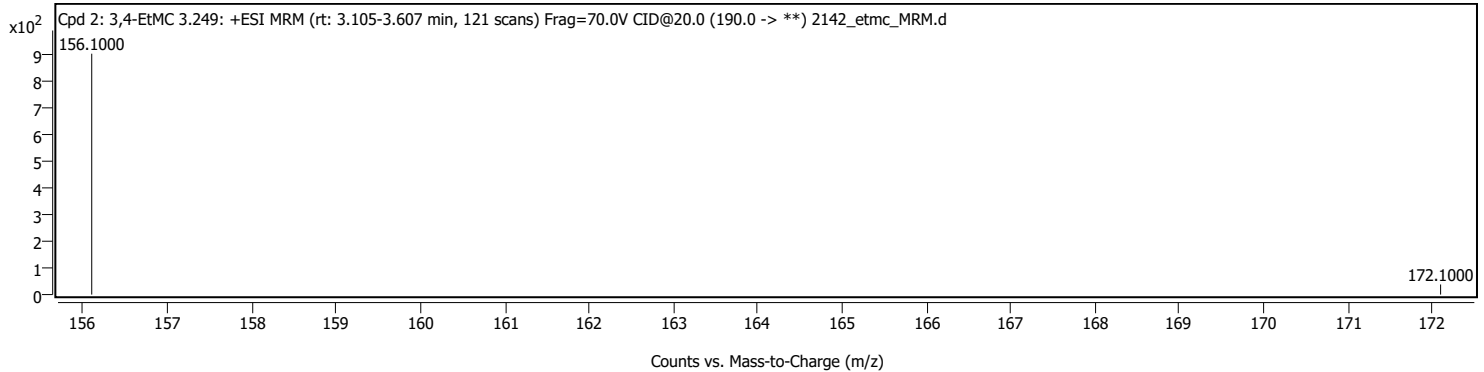
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
3,4-EtMC			3.249	54941	190.0	156.1	20.00		MRM

Compound Chromatograms (overlaid)



Structure

MS/MS Spectra



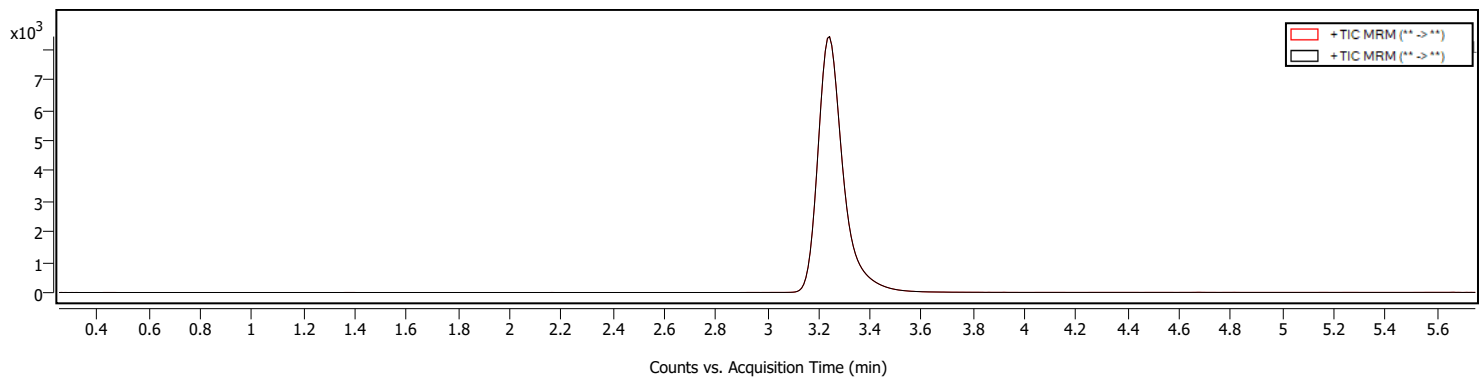
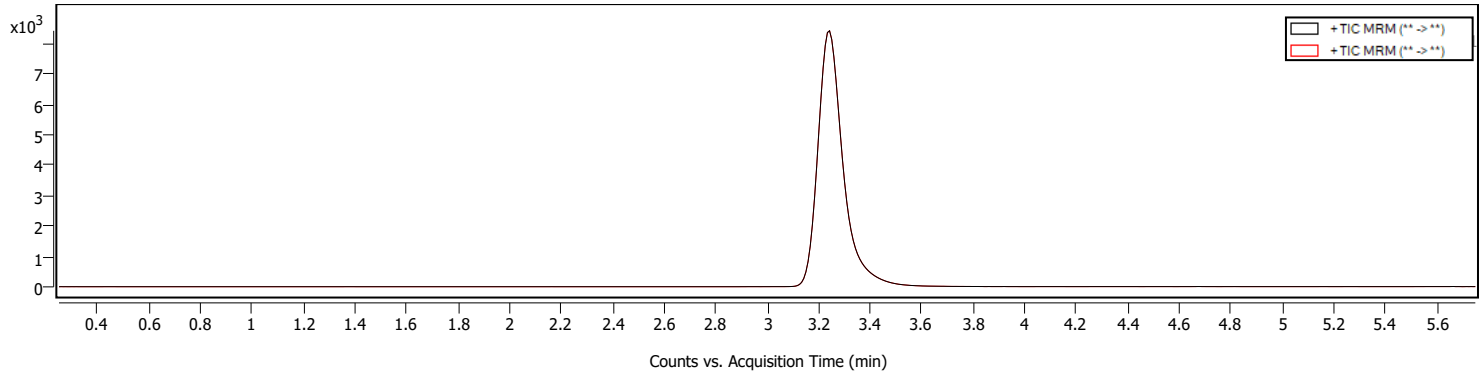
Qualitative Analysis Report



Sample Information

Name	2142_etmc	Data File Path	D:\Kyeon\Data\2025\01-08\2142_etmc_MRM.d
Sample ID		Acq. Time (Local)	1/10/2025 12:03:21 AM (UTC+01:00)
Instrument	Instrument 1	Method Path (Acq)	D:\Kyeon\methods\substances\3,4-etmc.m
MS Type	QQQ	Version (Acq SW)	Ultivo LC/TQ C.01.00 (B1677.1 SR1)
Inj. Vol. (ul)	1	IRM Status	
Position	P1-E10	Method Path (DA)	D:\Kyeon\methods\ReportWorkflowMethod-MRM.m
Operator		Result Summary	2 qualified (2 targets)

Sample Chromatograms



Compound Summary

Cpd	Name	Formula	Mass	RT	Area	m/z	Algorithm
1	3-chloroethyl-N-methylcathinone			Not Detected	-	-	MRM
2	3,4-EtMC			3.249	54941	190.0	MRM

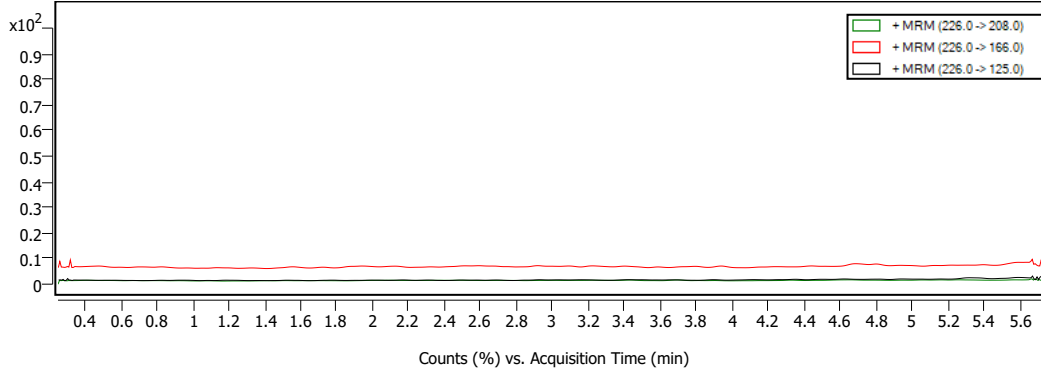
Qualitative Analysis Report

Compound Details

Cpd. 1: 3-chloroethyl-N-methylcathinone

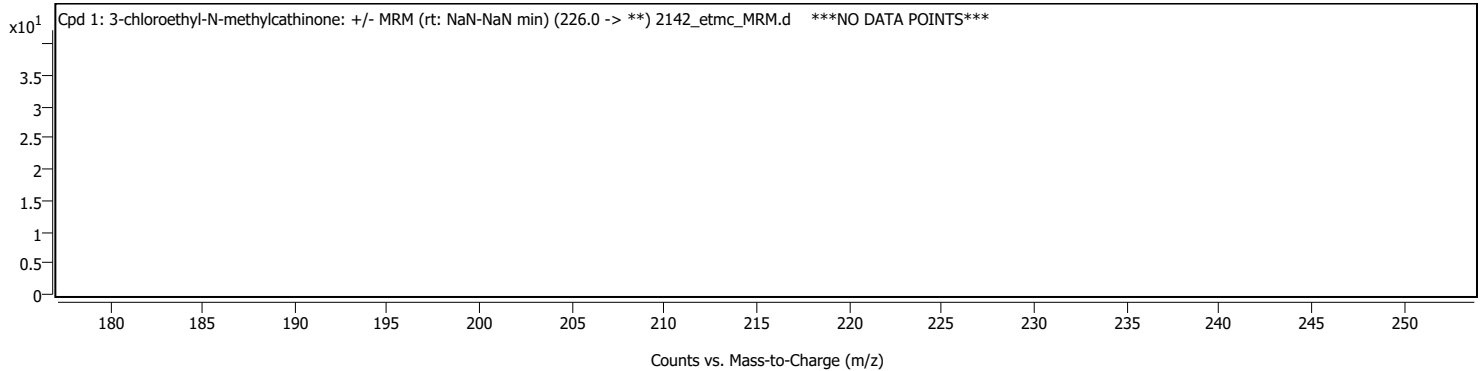
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
3-chloroethyl-N-methylcathinone			Not Detected	-	226.0	208.0	20.00		MRM

Compound Chromatograms (overlaid)



Structure

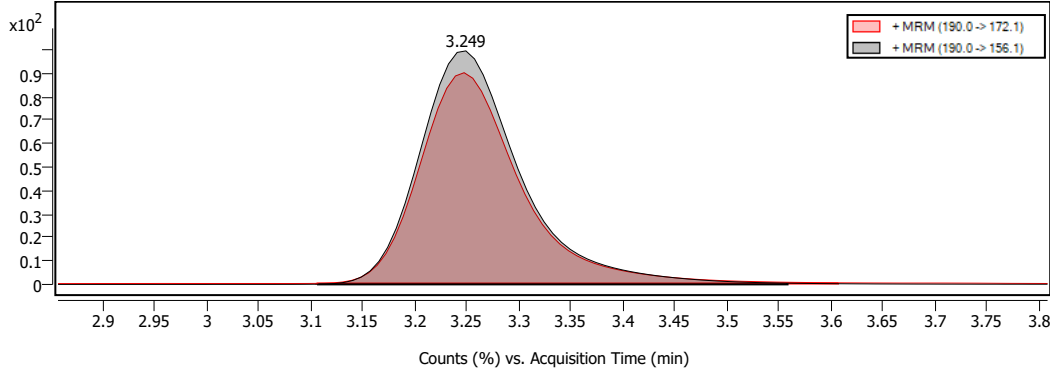
MS/MS Spectra



Cpd. 2: 3,4-EtMC

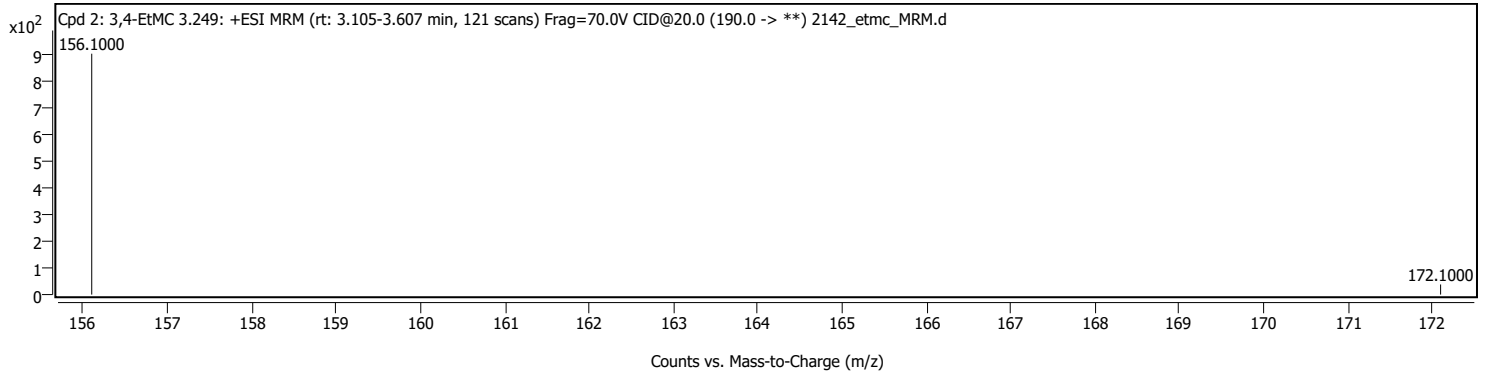
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
3,4-EtMC			3.249	54941	190.0	156.1	20.00		MRM

Compound Chromatograms (overlaid)

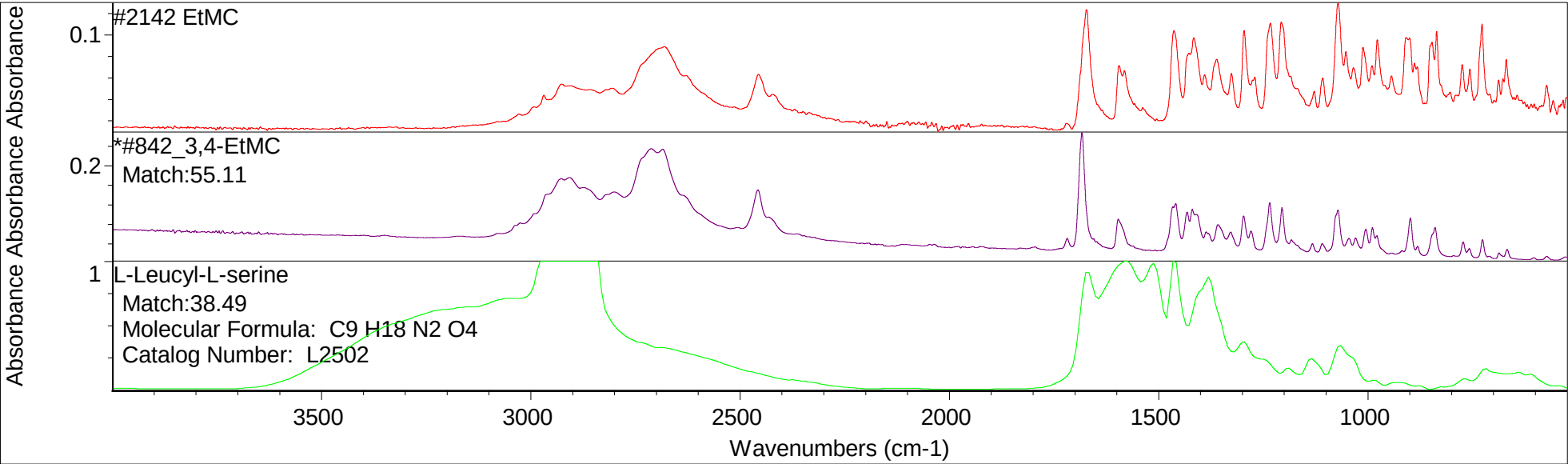


Structure

MS/MS Spectra



Search results for: #2142 EtMC
Date: Tue Jan 07 14:24:04 2025 (GMT+01:00)
Search algorithm: Correlation
Regions searched: 3498.29-700.00



Search results list of matches

Index		Match	Compound Name	Library Name
1	96	55.11	*#842_3,4-EtMC	Kykeon Analytics November 2024
2	418	38.49	L-Leucyl-L-serine	Sigma Proteins and Peptides
3	33	36.49	BP_tests_#14_3-FMC_02092022	Kykeon_is5
4	58	34.58	#0755v - Flephedrone HCl / 4-FMC HCl	ENFSI DWG Drugs Subset C
5	462	34.12	L-Methionyl-L-serine	Sigma Proteins and Peptides
6	636	33.89	#2992n - 4-Fluoromethcathinon HCl / 4-FMC HCl / Flephedrone	ENFSI DWG Drugs Subset A
7	235	33.88	Cyclo-(L-phenylalanyl-L-seryl)	Sigma Proteins and Peptides
8	59	33.59	#0756n - Flephedrone HCl / 4-FMC HCl	ENFSI DWG Drugs Subset C
9	180	33.56	MEPIVACAINE HCL IN KBR	Georgia State Crime Lab Sample Library
10	5	33.11	3-O-ACETYL-2-DEOXYADENOSINE CRYST	Sigma Biological Sample Library