

Analytical Report

Sample ID	4283 - Analysis Service - A2952
Expected	5-MeO-DMT
Sample adulterated or impure?	Yes (minor)
Sample Appearance	
Sample type	Service -
Date of sample receipt	27-Oct-2025
Date of analysis	27-Oct-2025
Date of Report	29-Oct-2025

Full Quantitative + Qualitative Analysis

Substances identified

	Harm Reduction information	Chemical Class	Pubchem ID	Analytical techniques used
5-MeO-DMT 94.5%	https://psychonautwiki.org/wiki/5-MeO-DMT		N/A	FTIR/LCMS/NMR
5-MeO-NMT (minor)				

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

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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

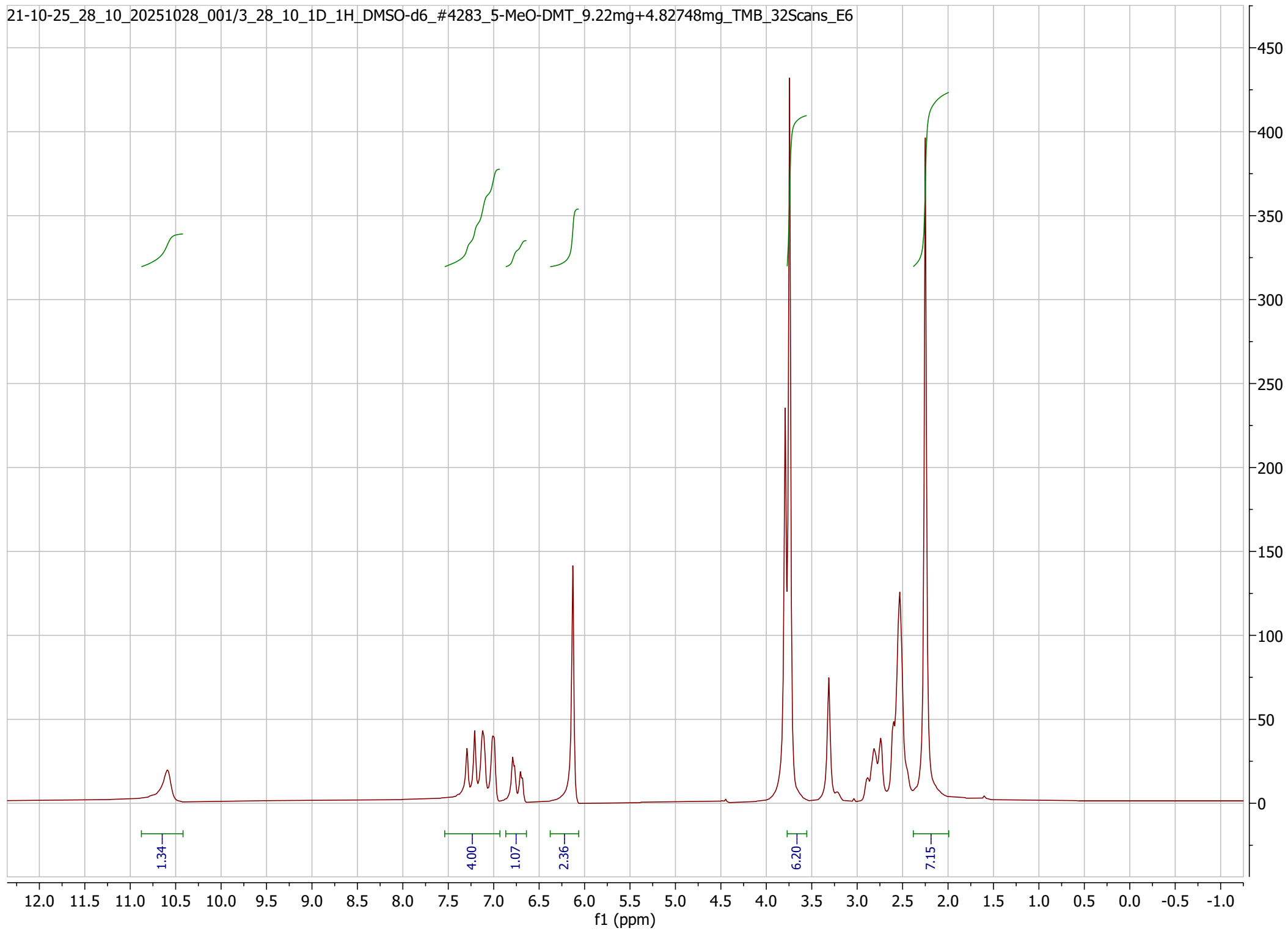
is freely available under <https://www.kykeonanalytics.com/services/users/>

Attachments:

Report generated by: tsan

End of Analytical Report

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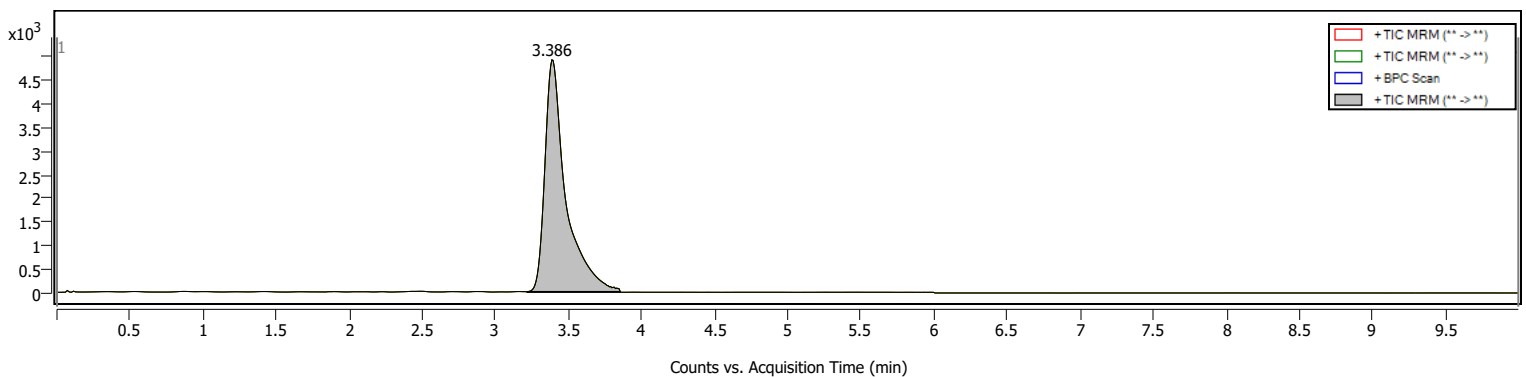
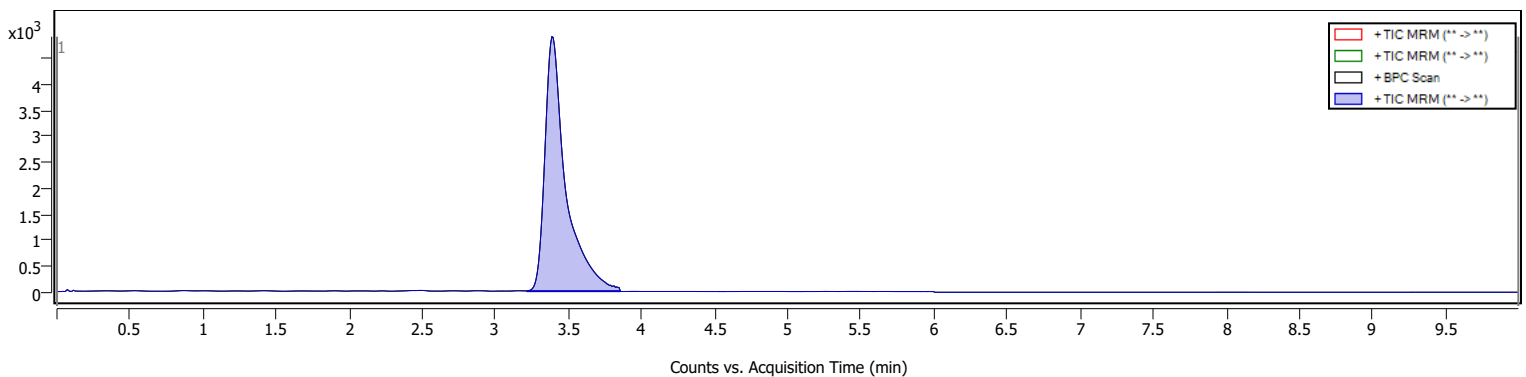
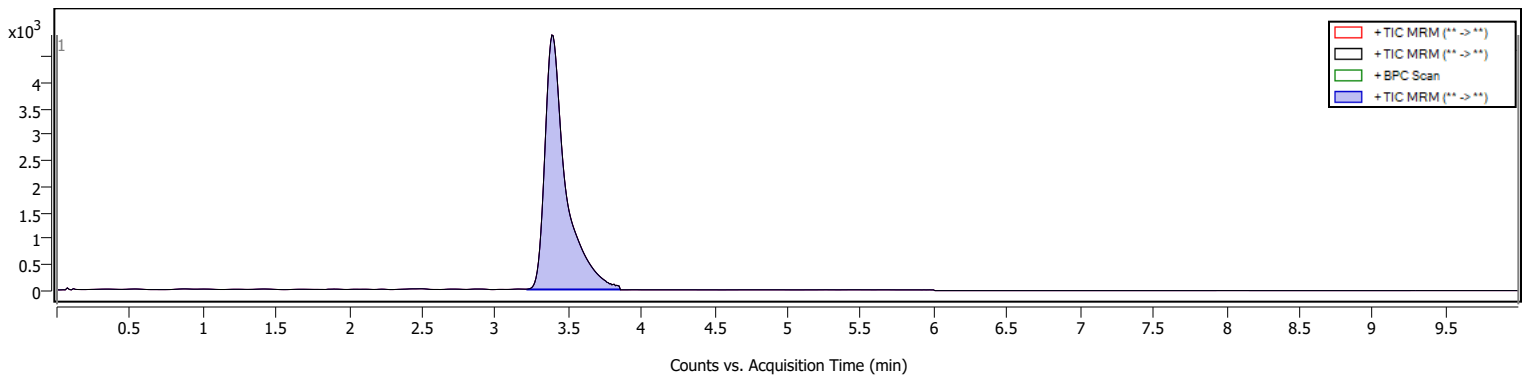
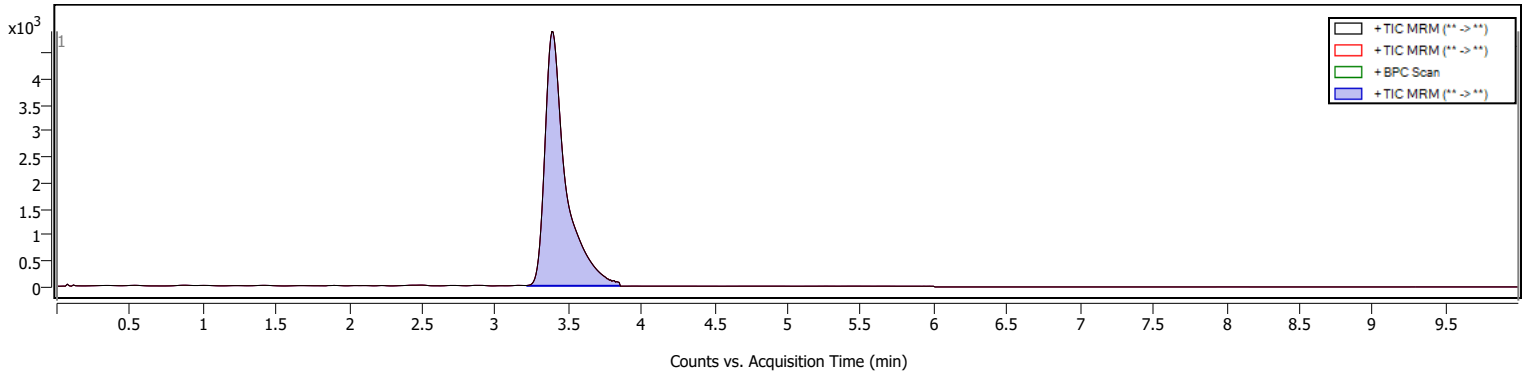


Qualitative Analysis Report

Sample Information

Name	4283_5-MeO-DMT	Acq. Time (Local)	10/28/2025 7:06:06 PM (UTC+01:00)
Instrument	Instrument 1	Version (Acq SW)	Ultivo LC/TQ 1.2 (23)
MS Type	QQQ		
Inj. Vol. (ul)	1		
Position	P1-C3		
Result Summary		7 qualified (7 targets)	

Sample Chromatograms



Compound Summary

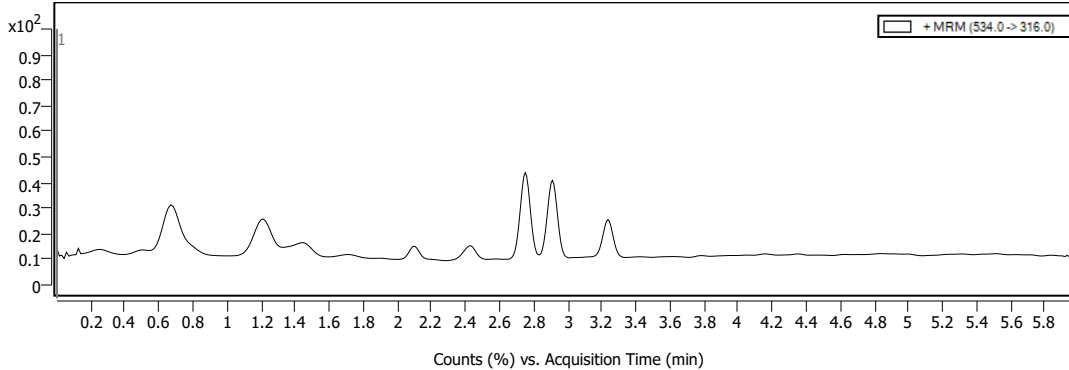
Cpd	Name	Formula	Mass	RT	Area	m/z	Algorithm
1	Isomeric dimer byproduct			Not Detected	-	-	MRM
2	5-MeO-DMT N-Oxide			Not Detected	-	-	MRM
3	α ,N,N,O-TMS			Not Detected	-	-	MRM
4	5-MeO-TMT			Not Detected	-	-	MRM
5	N-Methyl-Pinoline			Not Detected	-	-	MRM
6	5-MeO-NMT			3.335	1303	205.1	MRM
7	5-MeO-DMT			3.399	31765	219.1	MRM

Compound Details

Cpd. 1: Isomeric dimer byproduct

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Isomeric dimer byproduct			Not Detected	-	534.0	316.0	25.00		MRM

Compound Chromatograms (overlaid)

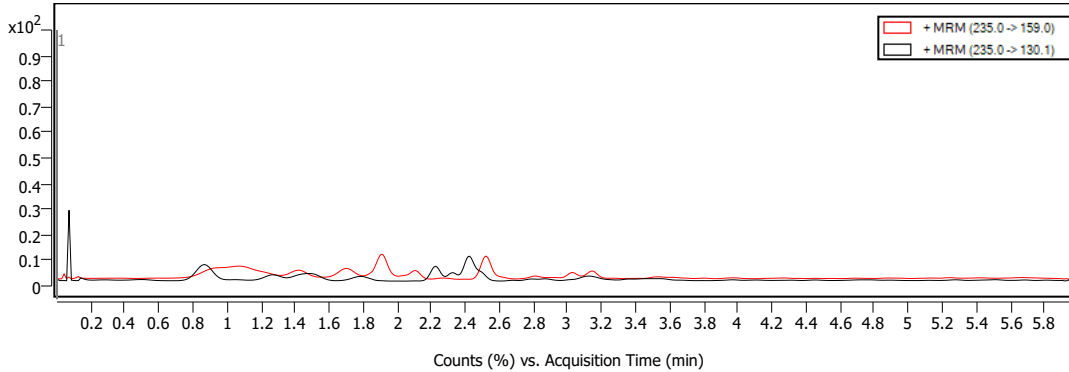


Structure

Cpd. 2: 5-MeO-DMT N-Oxide

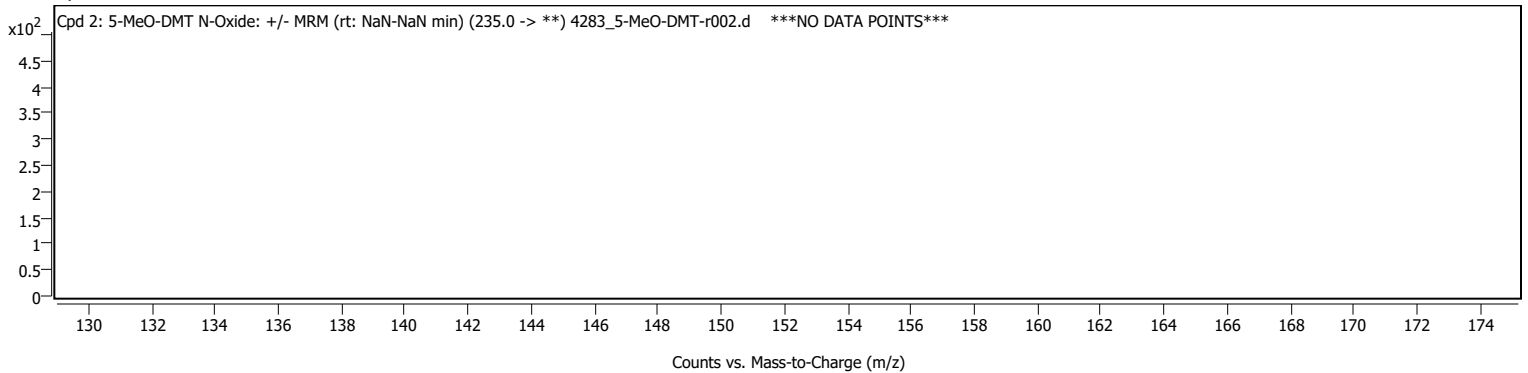
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
5-MeO-DMT N-Oxide			Not Detected	-	235.0	159.0	27.00		MRM

Compound Chromatograms (overlaid)



Structure

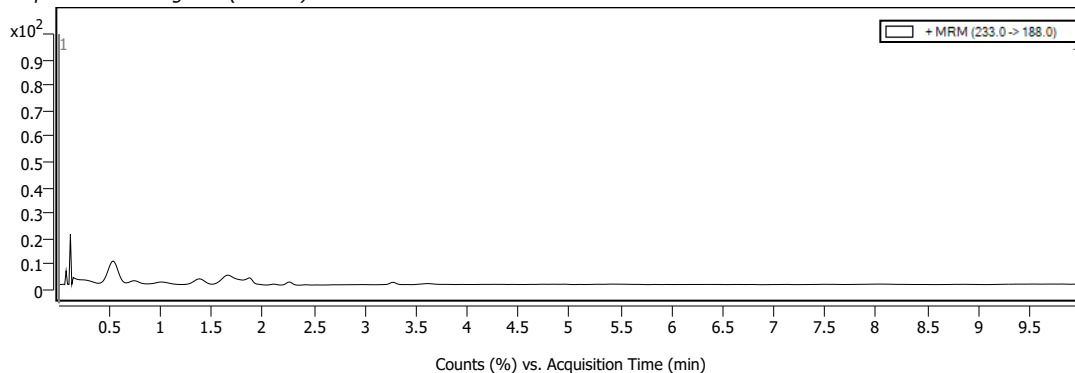
MS/MS Spectra

Cpd. 3: α ,N,N,O-TMS

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
α ,N,N,O-TMS			Not Detected	-	233.0	188.0	22.00		MRM

Qualitative Analysis Report

Compound Chromatograms (overlaid)

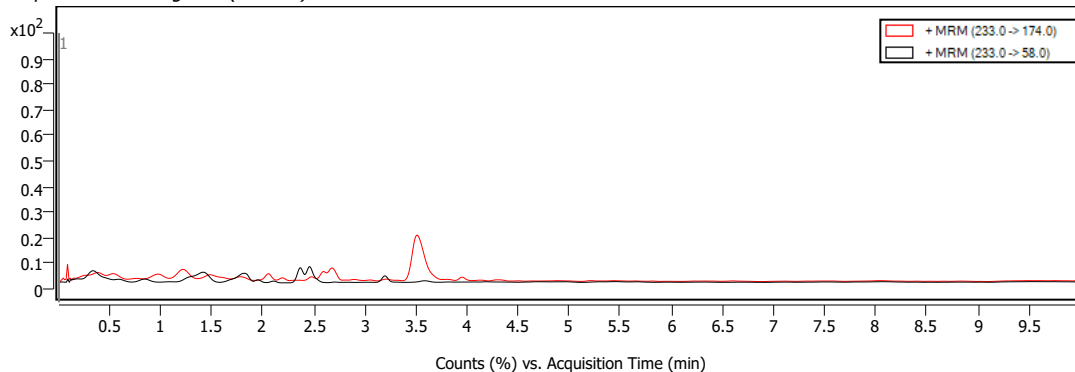


Structure

Cpd. 4: 5-MeO-TMT

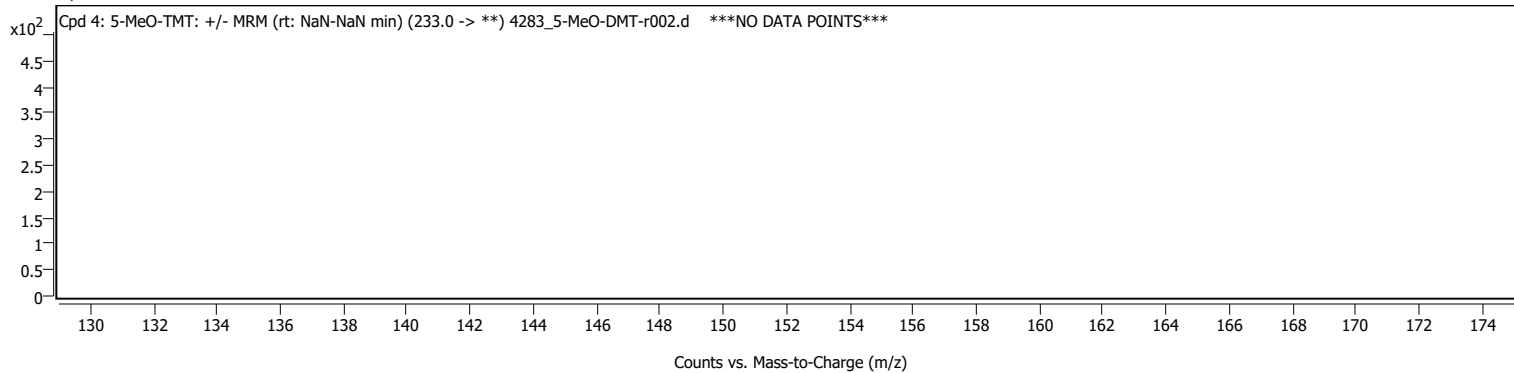
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
5-MeO-TMT			Not Detected	-	233.0	174.0	22.00		MRM

Compound Chromatograms (overlaid)



Structure

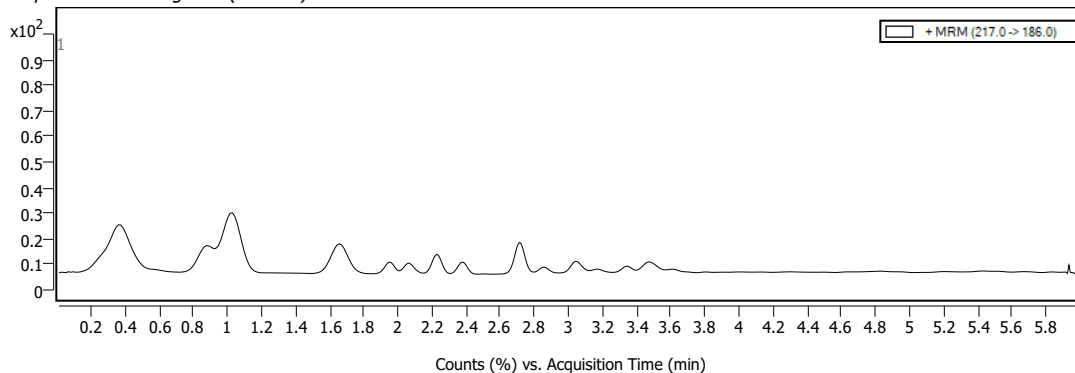
MS/MS Spectra



Cpd. 5: N-Methyl-Pinoline

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
N-Methyl-Pinoline			Not Detected	-	217.0	186.0	22.00		MRM

Compound Chromatograms (overlaid)



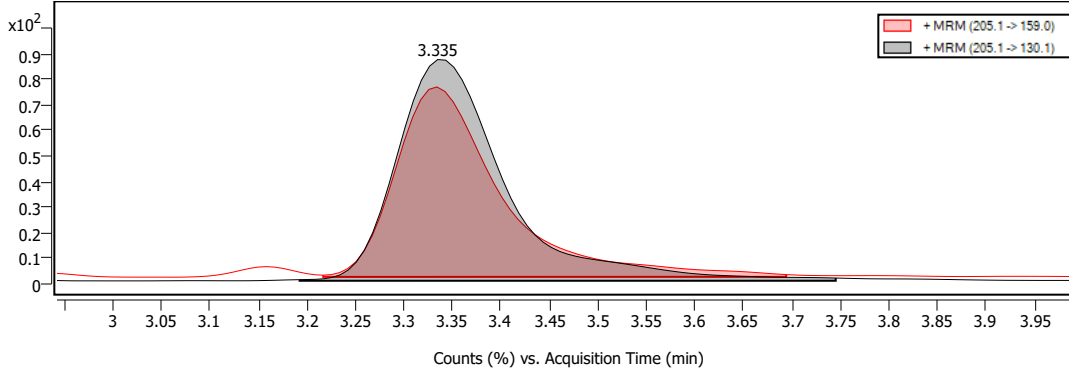
Structure

Cpd. 6: 5-MeO-NMT

Qualitative Analysis Report

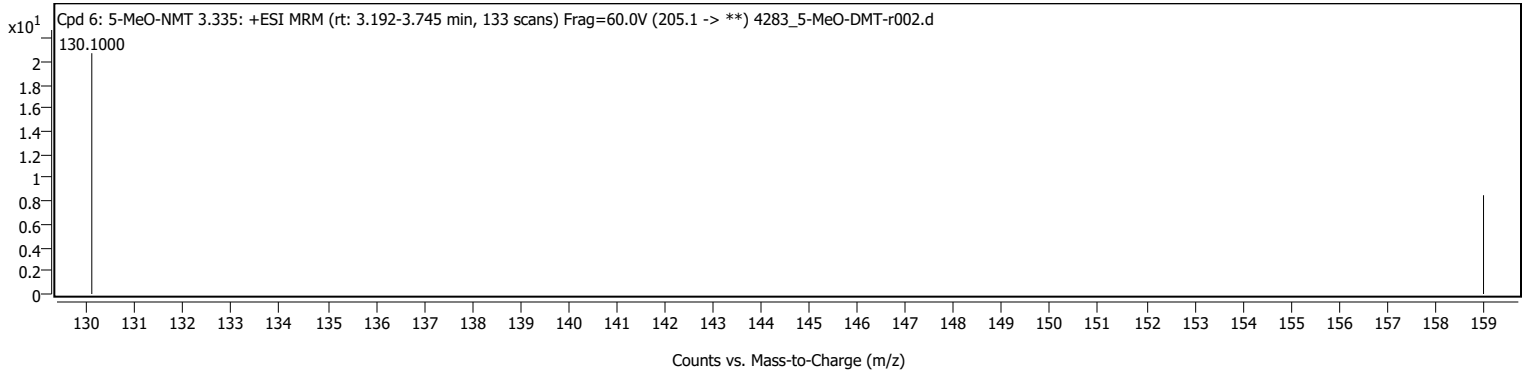
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
5-MeO-NMT			3.335	1303	205.1	130.1	38.00		MRM

Compound Chromatograms (overlaid)



Structure

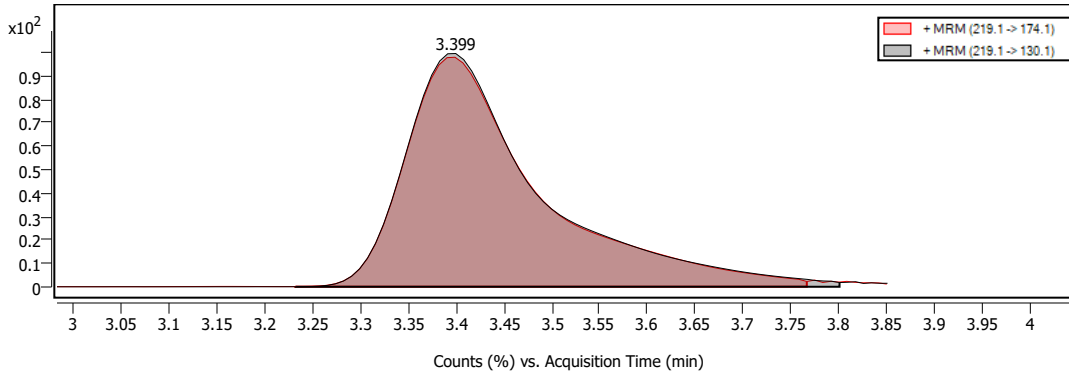
MS/MS Spectra



Cpd. 7: 5-MeO-DMT

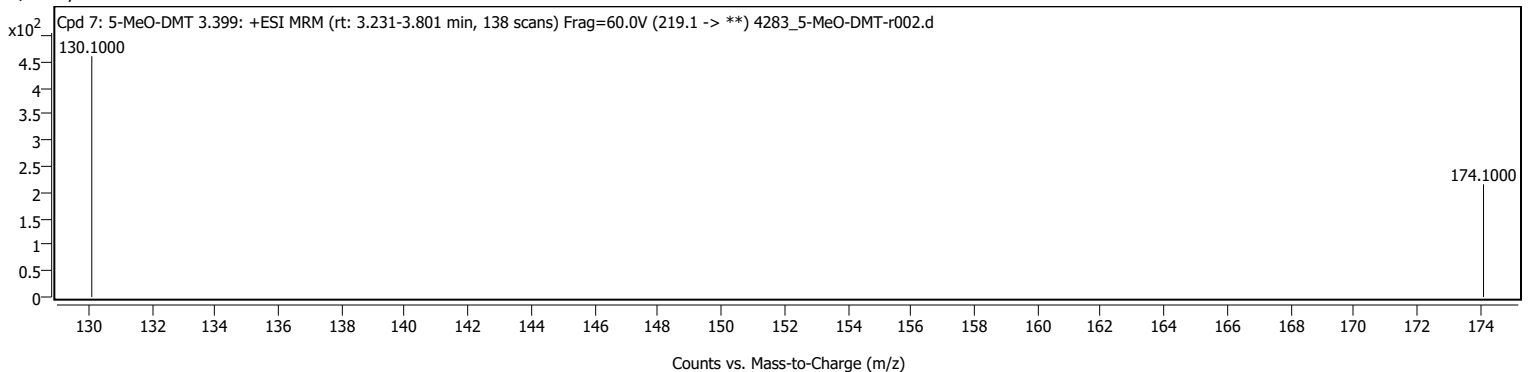
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
5-MeO-DMT			3.399	31765	219.1	130.1	62.00		MRM

Compound Chromatograms (overlaid)

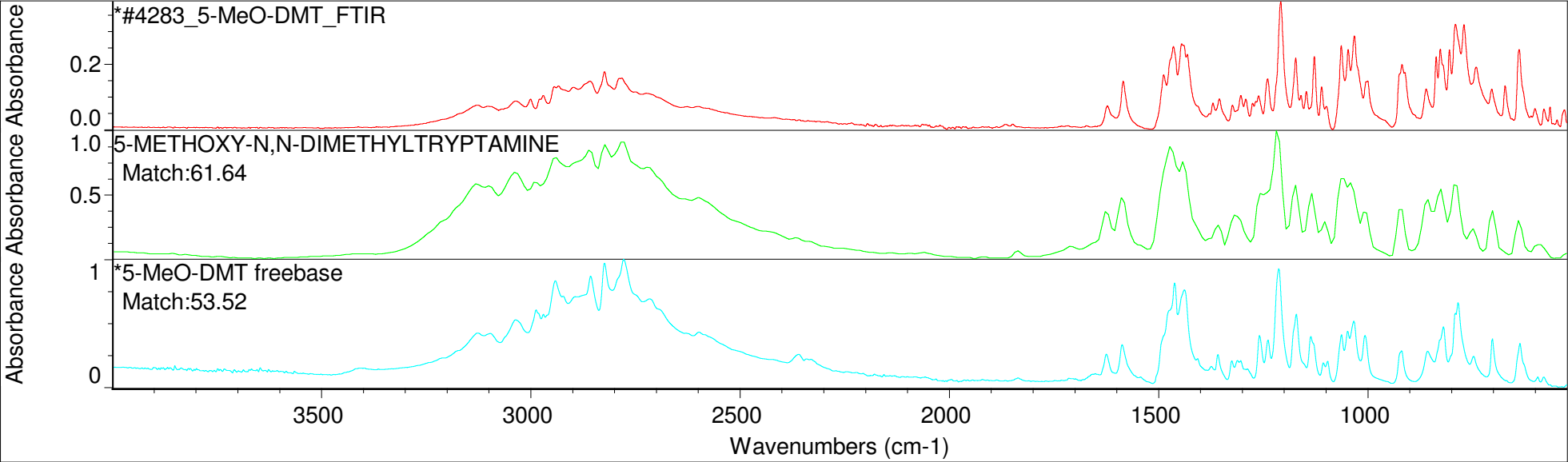


Structure

MS/MS Spectra



Search results for: *#4283_5-MeO-DMT_FTIR
Date: Tue Oct 28 09:39:40 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	190	61.64	5-METHOXY-N,N-DIMETHYLTRYPTAMINE	Georgia State Crime Lab Sample Library
2	177	53.52	*5-MeO-DMT freebase	Kykeon Analytics February 2025
3	178	51.72	*5-MeO-DMT freebase	Kykeon Analytics February 2025
4	278	49.44	*5-MeO-DMT	RESPONSE ATR
5	138	49.44	#1430n - 5-MeO-DMT base / 5-MeO-N,N-DMT base	ENFSI DWG Drugs Subset A
6	246	47.89	#1958n - 5-MeO-DMT base / 5-MeO-N,N-DMT base	ENFSI DWG Drugs Subset D
7	30	47.20	#0101n - 5-MeO-DMT base / 5-MeO-N,N-DMT base	ENFSI DWG Drugs Subset A
8	258	43.50	*5-MeO-MiPT base neat	NPSDatahub 650
9	889	42.90	#4034n - 5-MeO-MiPT base	ENFSI DWG Drugs Subset C