

|                               |                      |
|-------------------------------|----------------------|
| Sample ID                     | - Analysis Service - |
| Expected                      | 4-HO-MET benzoate    |
| Sample adulterated or impure? | No                   |
| Sample Appearance             |                      |
| Sample type                   | Service -            |
| Date of sample receipt        | 10-Dec-2025          |
| Date of analysis              | 09-Dec-2025          |
| Date of Report                | 11-Dec-2025          |

### Full Quantitative + Qualitative Analysis

## Substances identified

|                        | Harm Reduction information                                                                      | Chemical Class | Pubchem ID | Analytical techniques used |
|------------------------|-------------------------------------------------------------------------------------------------|----------------|------------|----------------------------|
| 4-HO-MET Benzoate >99% | <a href="https://psychonautwiki.org/wiki/4-HO-MET">https://psychonautwiki.org/wiki/4-HO-MET</a> |                | N/A        | FTIR/LCMS/NMR              |

\* 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/>

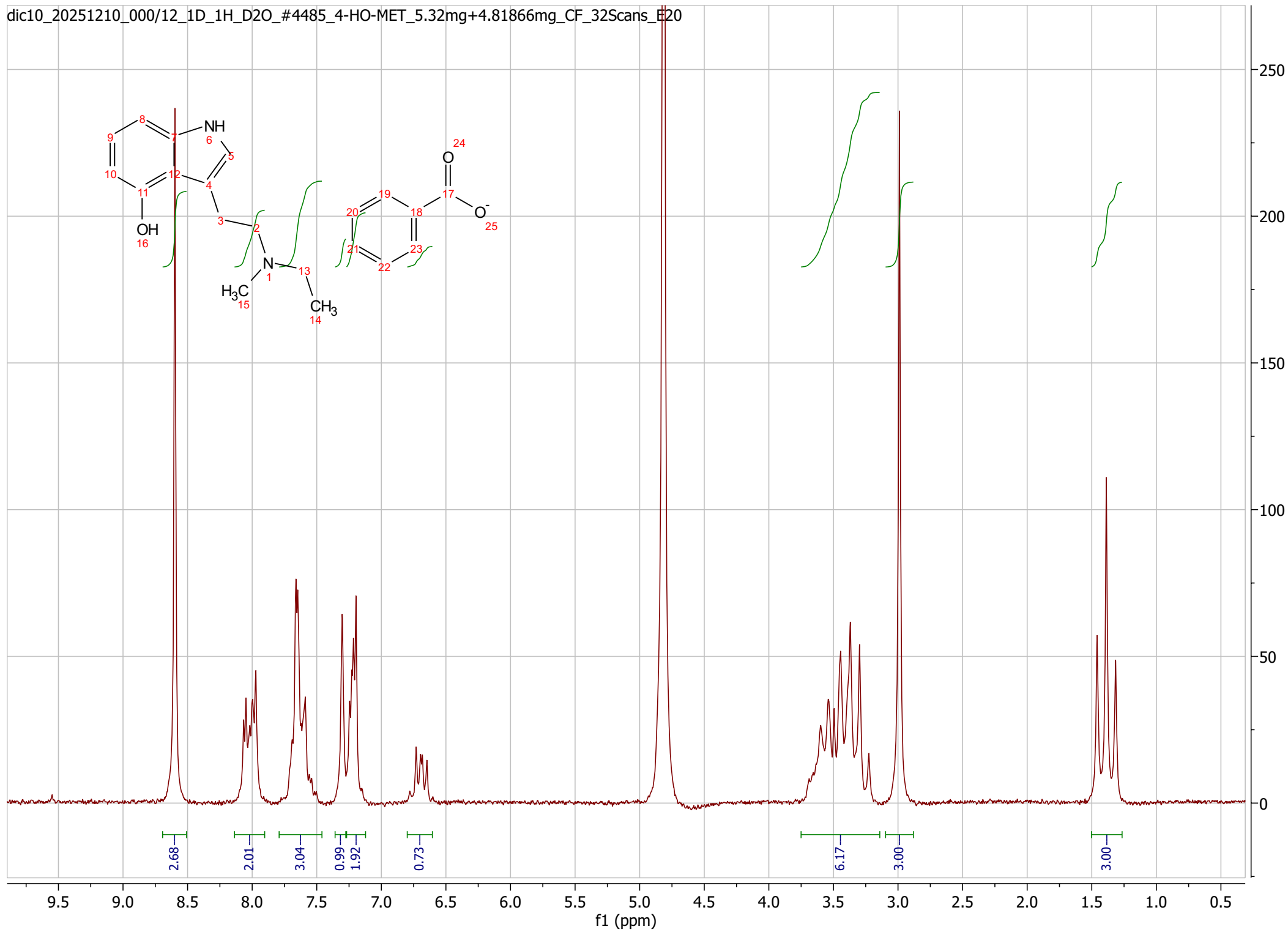
Attachments:

-  
-

Report generated by: tsan

End of Analytical Report

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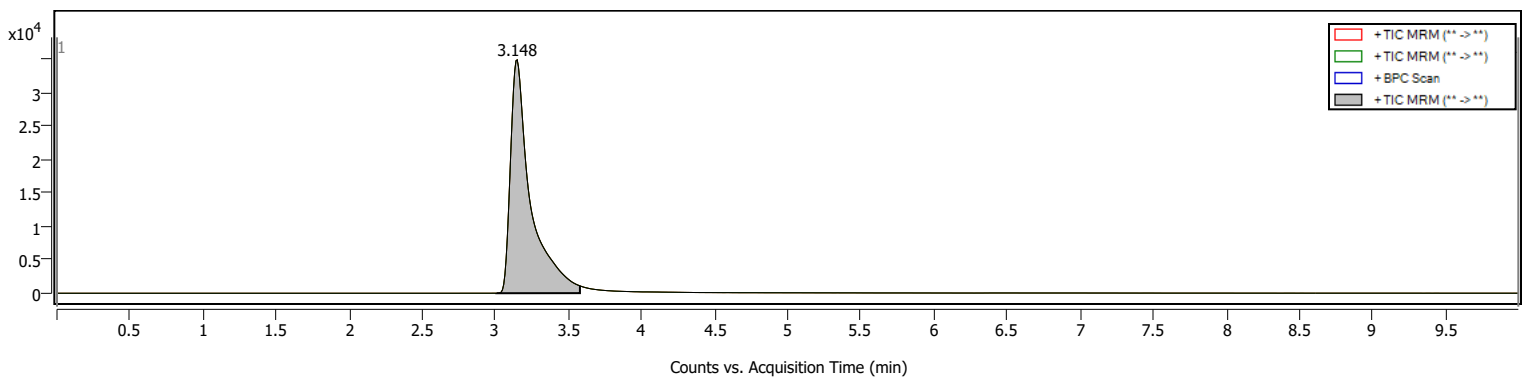
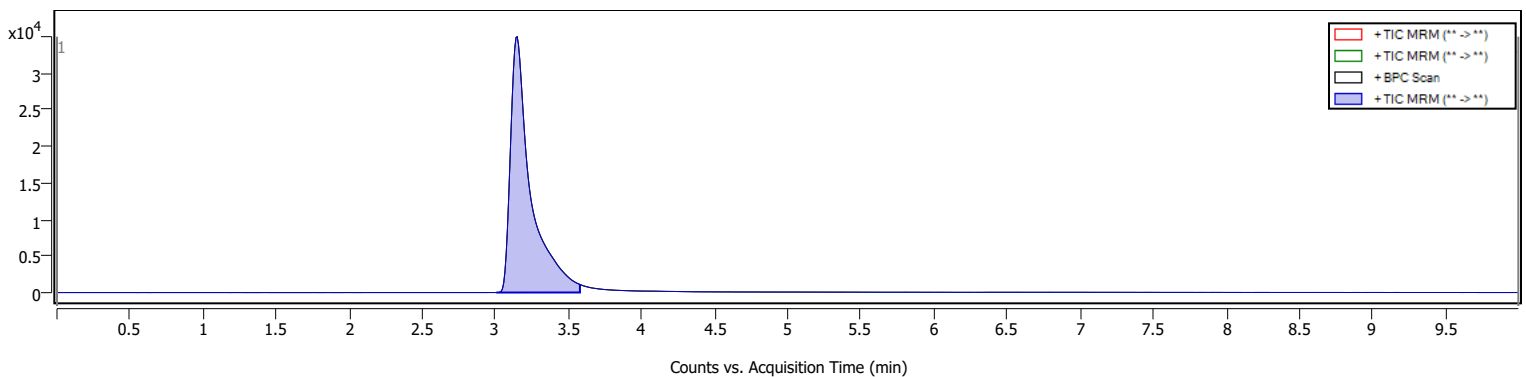
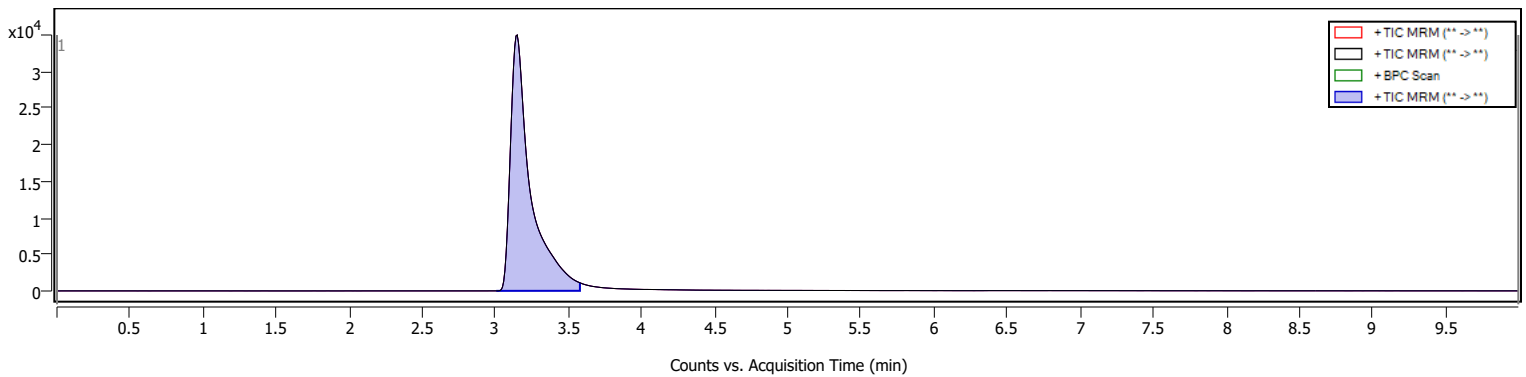
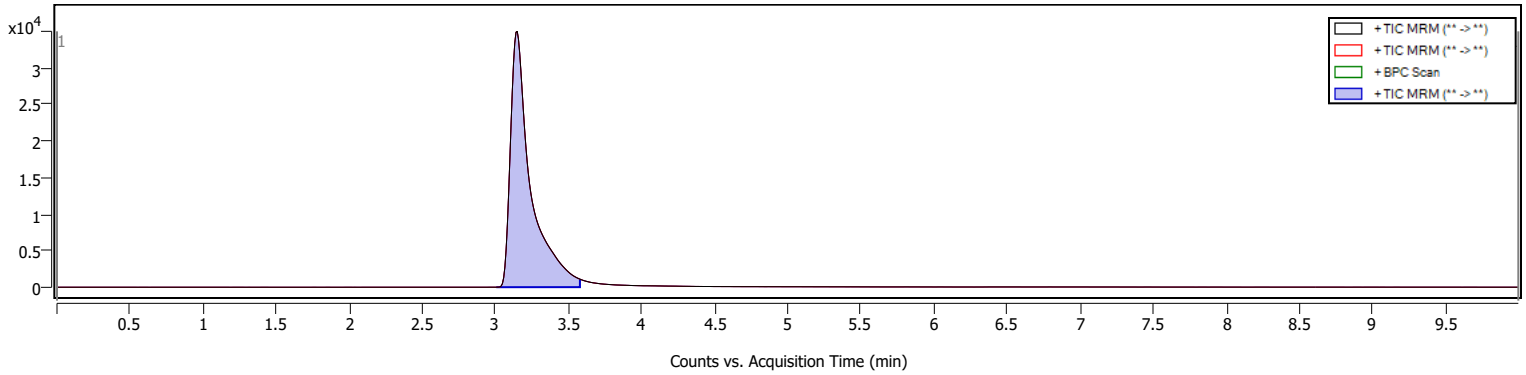


# Qualitative Analysis Report

## Sample Information

|                |               |                         |                                   |
|----------------|---------------|-------------------------|-----------------------------------|
| Name           | 4485_4-HO-MET | Acq. Time (Local)       | 12/10/2025 9:02:24 PM (UTC+01:00) |
| Instrument     | Instrument 1  | Version (Acq SW)        | Ultivo LC/TQ 1.2 (23)             |
| MS Type        | QQQ           |                         |                                   |
| Inj. Vol. (ul) | 2             |                         |                                   |
| Position       | P1-B2         |                         |                                   |
| Result Summary |               | 1 qualified (1 targets) |                                   |

## Sample Chromatograms



Compound Summary

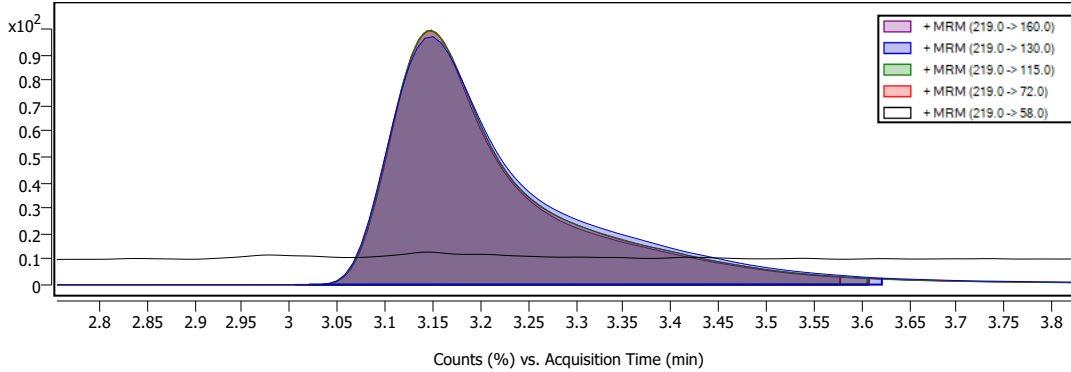
| Cpd | Name     | Formula | Mass | RT    | Area   | m/z   | Algorithm |
|-----|----------|---------|------|-------|--------|-------|-----------|
| 1   | 4-HO-MET |         |      | 3.148 | 143764 | 219.0 | MRM       |

## Compound Details

### Cpd. 1: 4-HO-MET

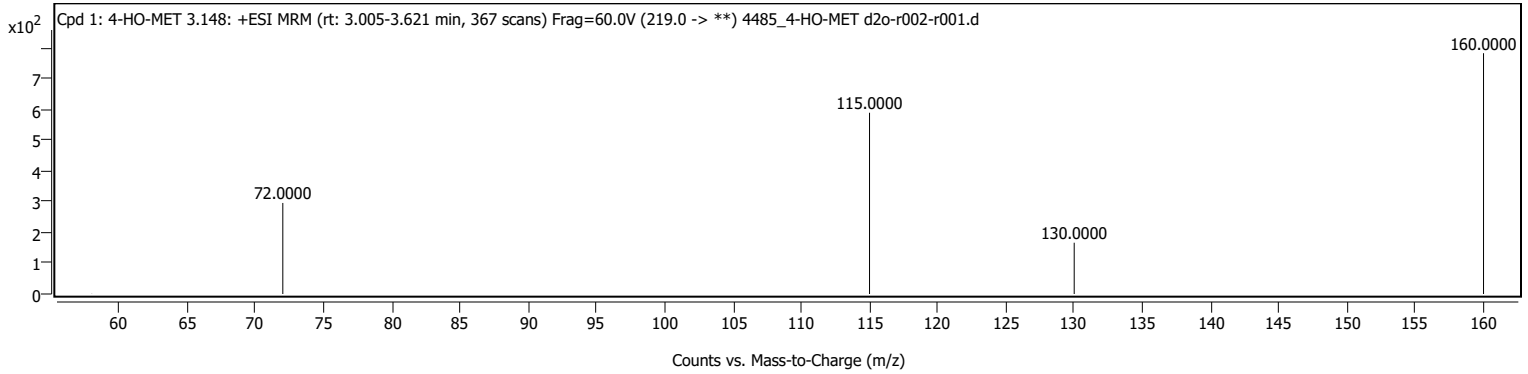
| Name     | Formula | Mass | RT    | Area   | m/z   | m/z (primary prod.) | CE    | FV | Algorithm |
|----------|---------|------|-------|--------|-------|---------------------|-------|----|-----------|
| 4-HO-MET |         |      | 3.148 | 143764 | 219.0 | 160.0               | 20.00 |    | MRM       |

### Compound Chromatograms (overlaid)



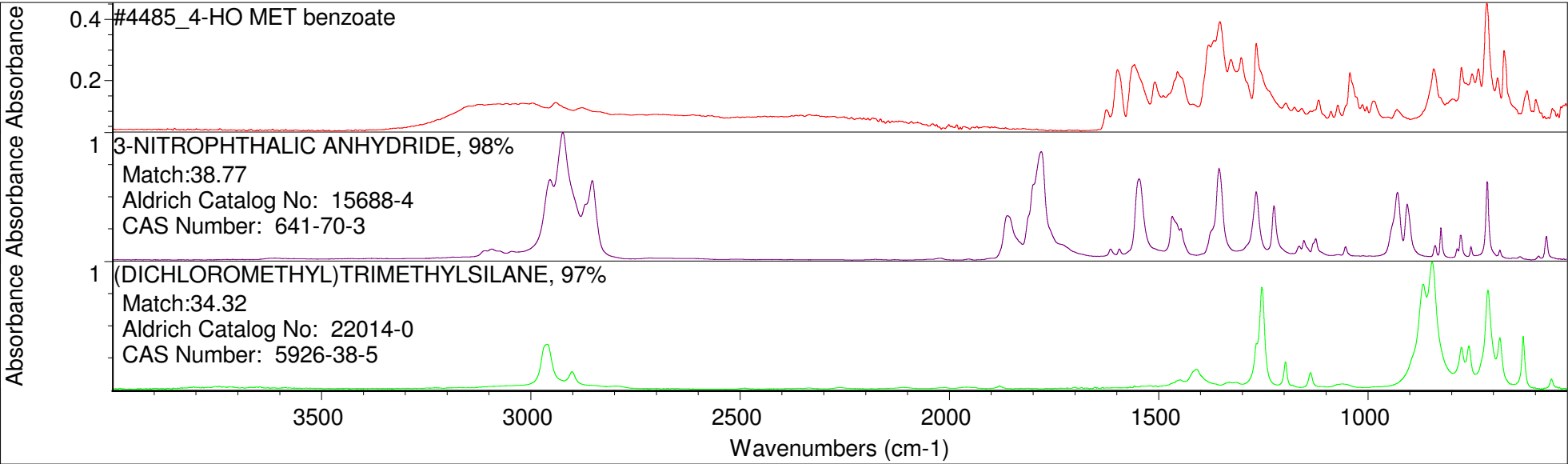
### Structure

### MS/MS Spectra



MassHunter Qual 10.0  
(End of Report)

Search results for: #4485\_4-HO MET benzoate  
Date: Wed Dec 10 11:31:58 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  | 1640  | 38.77 | 3-NITROPHthalic ANHYDRIDE, 98%       | HR Aldrich Esters, Lactones, and Anhydrides                 |
| 2  | 239   | 34.32 | (DICHLOROMETHYL)TRIMETHYLSILANE, 97% | HR Aldrich Organometallic, Inorganic, Silanes, Boranes, and |
| 3  | 857   | 33.94 | #4332n - 4-HO_MALT fumarate          | ENFSI DWG Drugs Subset A                                    |
| 4  | 284   | 33.89 | *#1055_4-HO-MALT                     | Kykeon Analytics February 2025                              |
| 5  | 392   | 33.47 | NORDITE (Ce)                         | HR Minerals                                                 |
| 6  | 256   | 31.98 | #0955v - Amphetamine sulphate        | ENFSI DWG Drugs Subset C                                    |
| 7  | 254   | 31.92 | #0953n - amphetamine-sulfate         | ENFSI DWG Drugs Subset C                                    |
| 8  | 1638  | 31.47 | 4'-Fluoroacetophenone                | HR Hummel Polymer and Additives                             |
| 9  | 255   | 31.44 | #0954v - Amphetamine sulphate        | ENFSI DWG Drugs Subset C                                    |
| 10 | 743   | 31.15 | Tropomyosin from rabbit muscle       | Sigma Proteins and Peptides                                 |