

## Analytical Report

|                               |              |   |                          |
|-------------------------------|--------------|---|--------------------------|
| Sample ID                     | 4573         | - | Analysis Service - A3280 |
| Expected                      | Progesterone |   |                          |
| Sample adulterated or impure? | No           |   |                          |
| Sample Appearance             |              |   |                          |
| Sample type                   | Service      | - |                          |
| Date of sample receipt        | 19-Dec-2025  |   |                          |
| Date of analysis              | 20-Dec-2025  |   |                          |
| Date of Report                | 22-Dec-2025  |   |                          |

## Full Quantitative + Qualitative Analysis

### Substances identified

|                   | Harm Reduction information                                                                            | Chemical Class | Pubchem ID | Analytical techniques used |
|-------------------|-------------------------------------------------------------------------------------------------------|----------------|------------|----------------------------|
| Progesteron 98.6% | <a href="https://psychonautwiki.org/wiki/Progesteron">https://psychonautwiki.org/wiki/Progesteron</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

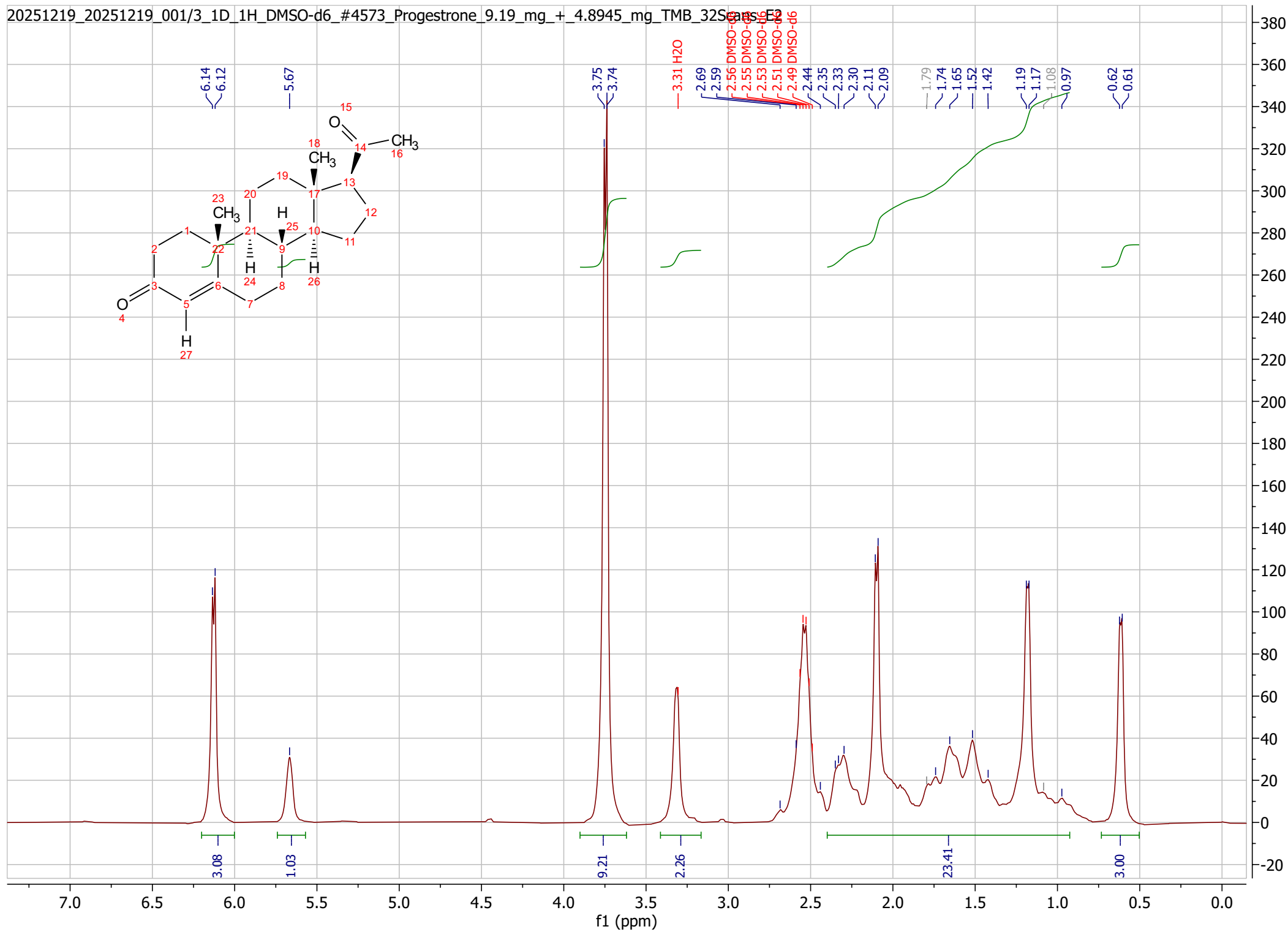
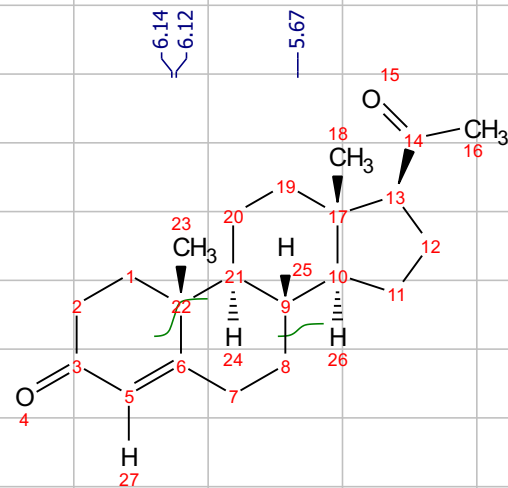
<https://www.kykeonanalytics.com/services/users/>

Attachments:

Report generated by: galu

End of Analytical Report

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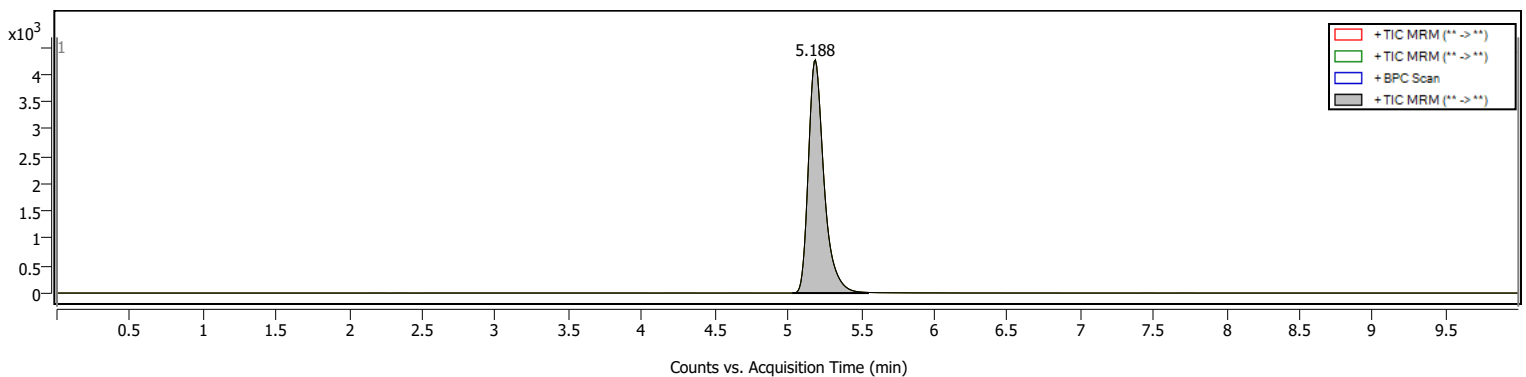
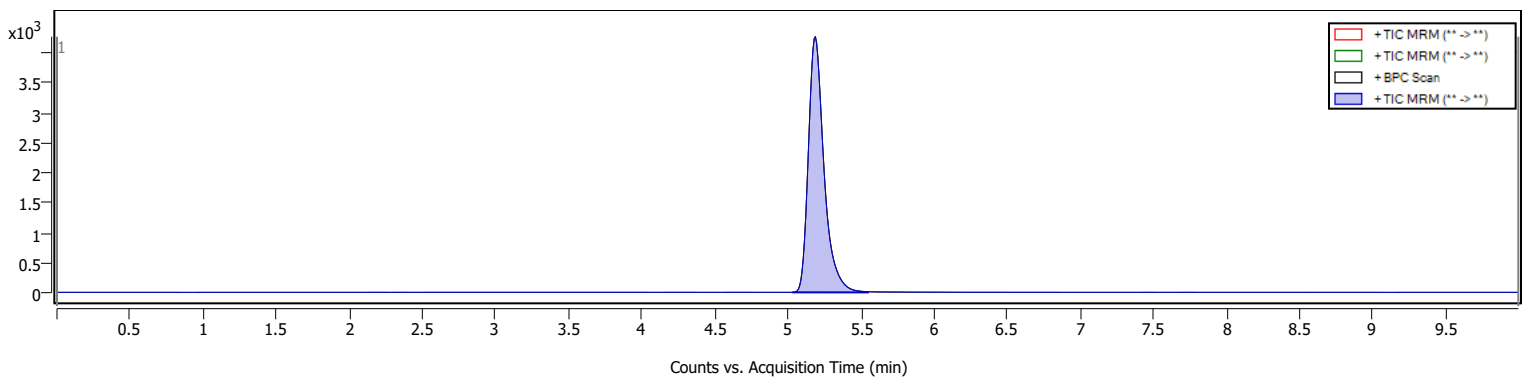
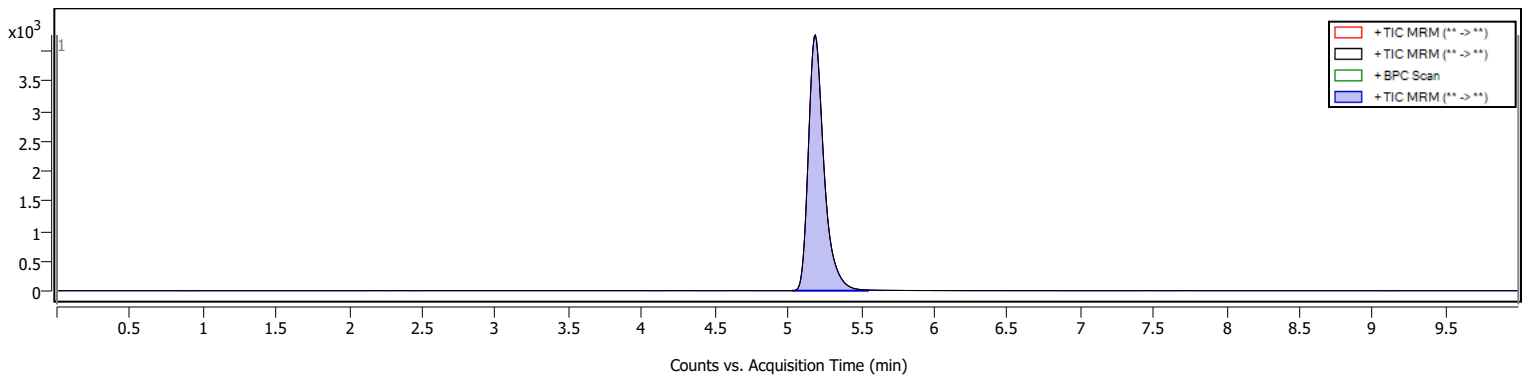
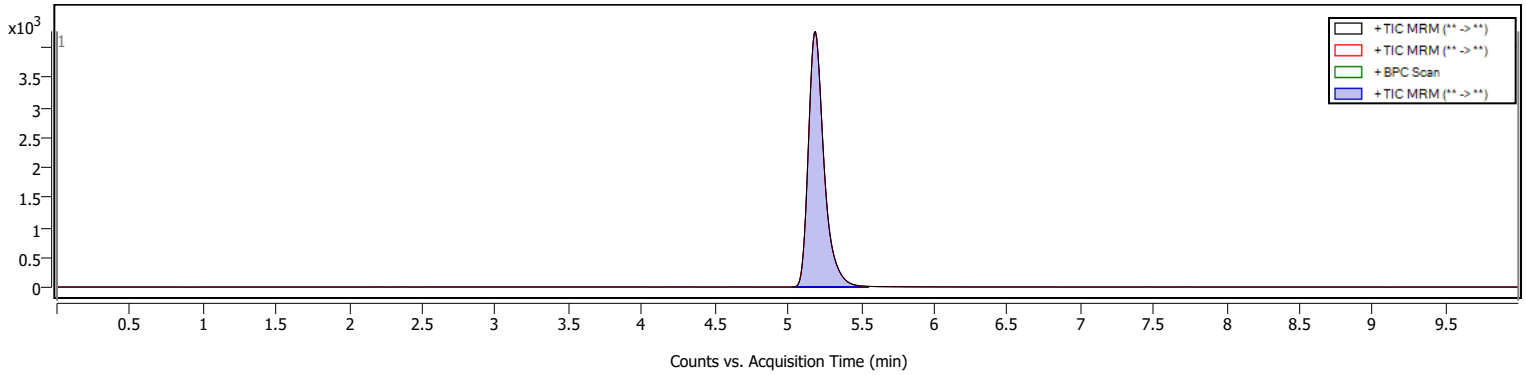


# Qualitative Analysis Report

## Sample Information

|                |                  |                         |                                   |
|----------------|------------------|-------------------------|-----------------------------------|
| Name           | 4573_Progestrone | Acq. Time (Local)       | 12/19/2025 4:35:47 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-C4            |                         |                                   |
| Result Summary |                  | 1 qualified (1 targets) |                                   |

## Sample Chromatograms



# Qualitative Analysis Report

## Compound Summary

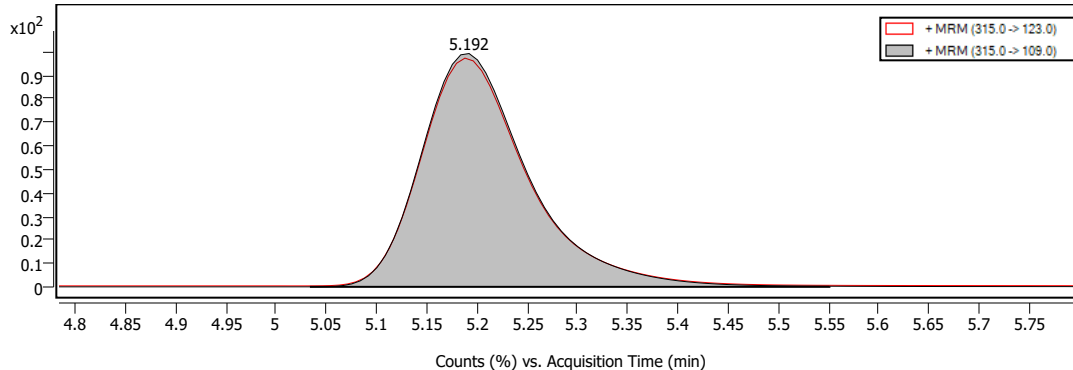
| Cpd | Name         | Formula | Mass | RT    | Area  | m/z   | Algorithm |
|-----|--------------|---------|------|-------|-------|-------|-----------|
| 1   | Progesterone |         |      | 5.192 | 28047 | 315.0 | MRM       |

## Compound Details

## Cpd. 1: Progesterone

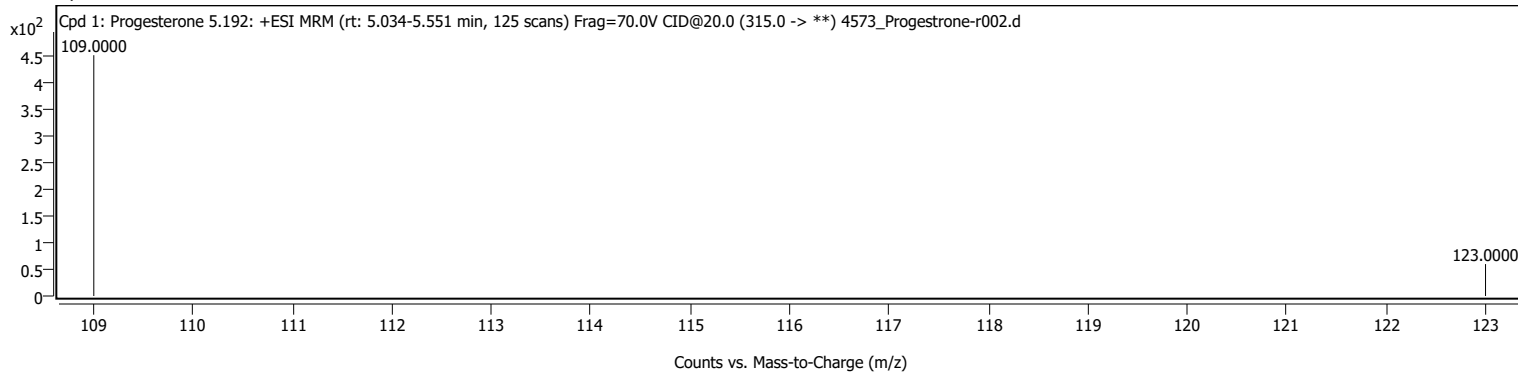
| Name         | Formula | Mass | RT    | Area  | m/z   | m/z (primary prod.) | CE    | FV | Algorithm |
|--------------|---------|------|-------|-------|-------|---------------------|-------|----|-----------|
| Progesterone |         |      | 5.192 | 28047 | 315.0 | 109.0               | 20.00 |    | MRM       |

## Compound Chromatograms (overlaid)



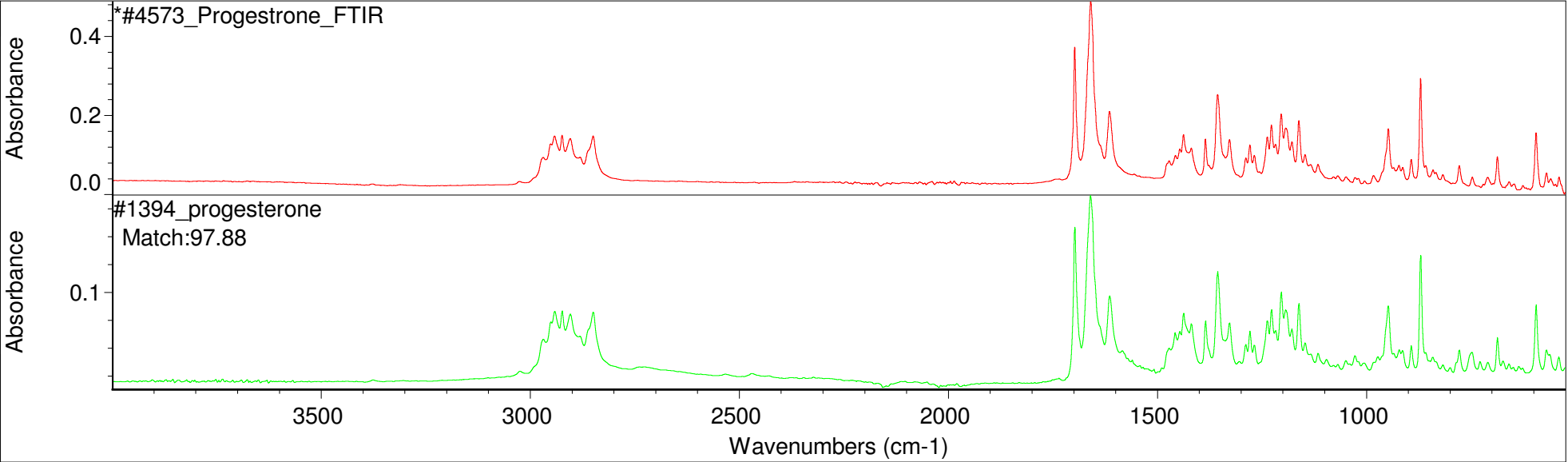
## Structure

## MS/MS Spectra



MassHunter Qual 10.0  
(End of Report)

Search results for: \*#4573\_Progestrone\_FTIR  
Date: Fri Dec 19 09:33:30 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 | 39    | 97.88 | #1394_progesterone | Kykeon Analytics February 2025 |