

OCR (B) Chemistry A-Level

WM4 - Modern Analytical Techniques

Flashcards

This work by PMT Education is licensed under CC BY-NC-ND 4.0











How can the molecular mass of a molecule be determined from its mass spectrum?











How can the molecular mass of a molecule be determined from its mass spectrum?

The peak with the greatest m/z value corresponds to m/z equal to the molecular mass.







What is the M+1 peak in a mass spectrum?





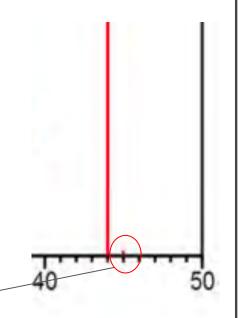






What is the M+1 peak in a mass spectrum?

The small peak with an m/z of one more than the molecular peak, caused by some molecules containing carbon-13 isotopes.



M+1 peak







