

Triple quadrupole mass spectrometer (QQQ)



The triple quadrupole mass spectrometer, the TSQ Vantage, allows rapid, highly sensitive, and highly selective quantitation of biomolecules, in a diverse range of sample types, which is not possible on other mass spectrometry platforms.

The instrument forms the cornerstone of targeted metabolite analyses at the University. It is also applied for absolute quantitation of peptides in proteomics studies.

The QQQ is equipped with a Triversa Nanomate chip-based electrospray system, and uHPLC and nanoLC capability.