

Using Mass Spectrometry in New Drug Discovery: Past, Present and Future

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Abstract

Because of high-speed parallel synthesis as well as the demand for higher throughput of compounds in the discovery stage, there is a need for techniques that can be used to increase sample throughput in the analysis of discovery samples from pharmacokinetic (PK) studies. Various strategies for increasing throughput in this area will be discussed, with an emphasis placed on the historical context (over the last 20 years). In addition, the speaker's look into the future will be provided. The goal will be to demonstrate how advances in LC-MS instrumentation have led to changes in our processes.