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LC-MS instruments are basically HPLC units with a mass spectrometry detector attached to it, whereas LC-MS/MS is HPLC with two mass spectrometry detectors. The LC in LC-MS stands for liquid chromatography. The liquid chromatography part of LC-MS separates compounds within a sample and the mass spectrometer provides mass to charge ratio data which can help [...]

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LC-MS/MS Method Development - Alliance Pharma, Inc.

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3 Method development and optimisation ... Liquid chromatography-mass spectrometry (LC-MS) is the combination of two selective techniques that allow the analyte(s) of interest in highly complex mixtures to be isolated and measured. LC differentiates compounds by their physico-chemical properties and MS

Guide to achieving reliable quantitative LC-MS measurements

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LC-MS and LC-MS/MS - Pacific BioLabs

Each part of the process, calibration, tuning, sample preparation, HPLC method development, and MS method development are covered. Many tricks and techniques of practical use are presented. Here's what the course covers: MS operation, including the operation of the most popular LC-MS interfaces; How a quadrupole mass filter works

LC-MS/MS for Chromatographers - Analytical Training Solutions

Liquid chromatography-mass spectrometry (LC-MS) is an analytical chemistry technique that combines the physical separation capabilities of liquid chromatography (or HPLC) with the mass analysis capabilities of mass spectrometry (MS). Coupled chromatography - MS systems are popular in chemical analysis because the individual capabilities of each technique are enhanced synergistically.

Liquid chromatography-mass spectrometry - Wikipedia

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