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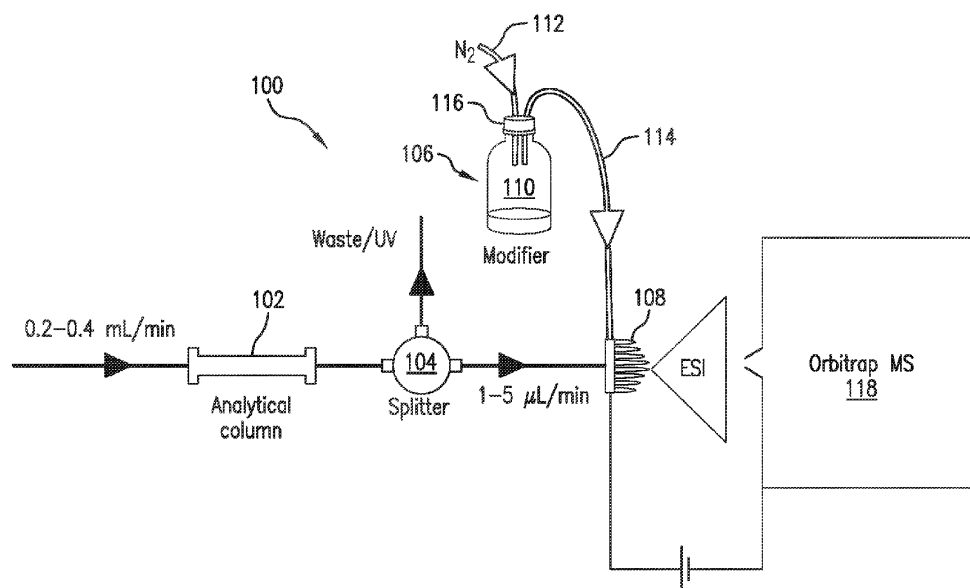


FIG. 1

(57) Abstract: Disclosed are native liquid chromatography-mass spectrometry systems and methods of use. A native liquid chromatography-mass spectrometry system can include a liquid chromatography system capable of separating a sample; and an electrospray ionization mass spectrometry (ESI-MS) system in fluid communication with the liquid chromatography system, wherein the ESI-MS system comprises a multi-nozzle electrospray ionization emitter and a system for modifying a desolvation gas and a mass spectrometer, wherein the mass spectrometer is configured to receive ions and characterize mass to charge ratio of ions.

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