

Intro to MS & Mass Analyzers 1: Time-of-flight Mass Spectrometry

CU- Boulder

CHEM-5181

Mass Spectrometry & Chromatography

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Business Items

- Review calendar for labs
- Small change to pre-lab
 - Instead of matrices of CHCA, SA, DHB and *urea*, you will be using CHCA, SA, DHB and *"no matrix"*.
- TOFMS HW assigned later today by email
 - Igor simulation of TOFMS
- Start looking for articles to present
 - 1st journal skim due on Thu next week

A mass spectrometer determines the mass-to-charge ratio (m/z) of gas-phase ions by subjecting them to known electric or magnetic fields and analyzing their resultant motion.