

Small molecule analysis using MS for drug development



The percentage of analytes analyzed in positive ionization modes as opposed to negative modes is:





Other techniques/technologies currently utilized, with or without MS, for small molecule bioanalysis include:



Did laboratories routinely assess the stability of a small molecule in the presence of (a) co-medication(s)?

No 51%
Yes-benchtop, freeze-thaw AND long-term stability 26%
Yes—benchtop and freeze—thaw 22%

The main disadvantages of utilizing mass spectrometry for small molecule identification are:

56% Expertise in equipment





What percentage of LC–MS programs received by bioanalytical laboratories are large molecule programs?



THE FUTURE OF SMALL MOLECULE ANALYSIS USING MS

Will there be an increase, decrease or no change in the number of small molecule analysis programs conducted in laboratories?







DEMOGRAPHICS

Location

51% North America 14% Asia 1% South and Central America -25% Europe 4% Africa 4% Australia & Oceania

ORGANIZATION



Diagnostics 10%

Equipment vendor 3%

Healthcare practitioner 1%

Generic pharma 1%

JOB TITLE



This infographic has been created as part of a Bioanalysis Zone feature in association with Charles River Laboratories, SCIEX and Alturas Analytics Inc.







