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WO 2014/194320 A1 US 20090065687 A1
Rapid Communications in Mass Spectrometry Vol. 19,
No. 16, 30 August 2005, H R Liang et al, "Quantitative
determination of endogenous sorbitol and fructose in
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chemical ionization liquid chromatography/tandem
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(71) Applicant(s):
Micromass UK Limited
Stamford Avenue, Altrincham Road, WILMSLOW,
SK9 4AX, United Kingdom
(72) Inventor(s):
Keith Richardson
Steven Derek Pringle
Michael Raymond Morris
(74) Agent and/or Address for Service:
Dehns
St. Bride's House, 10 Salisbury Square, LONDON,
EC4Y 8JD, United Kingdom

(54) Title of the Invention: **Lock mass library for internal correction**
Abstract Title: **Lock mass library for internal correction**

(57) A method of calibrating or optimising an analytical instrument is disclosed that comprises analysing analyte from a sample using an analytical instrument, determining a sample type of the sample based on analysis of analyte from the sample, identifying one or more species of the analyte that are known to be endogenous to the determined sample type, and calibrating or optimising the analytical instrument using the one or more identified endogenous species.

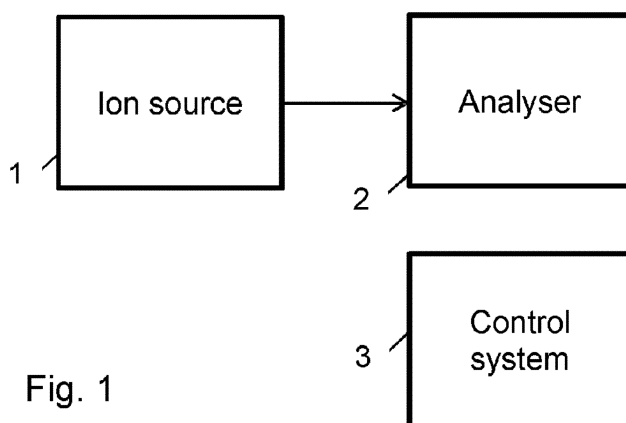


Fig. 1