MICROSOLV

For sugars analyzed by LCMS sodium acetate is recommended for sensitivity of Na adducts - Tips & Suggestions

In LCMS, you will get much better sensitivity of Na or sodium sugar adducts in the EICs compared to sugars themselves.

The same principle will work for NH_4 adducts as well, but there are notable drawbacks. The problems with NH_4 is that it will change the pH of the mobile phase and its concentration is hard to control in the sample.

Hence, given both strategies will work, there is no reason to choose NH_4 over Na.

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