

***Interactive comment on “A laboratory flow reactor with gas particle separation and on-line MS/MS for product identification in atmospherically important reactions” by J. F. Bennett et al.***

**M. Claeys**

magda.claeys@ua.ac.be

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I would like to suggest that the authors follow the IUPAC recommendations for terms relating to mass spectrometry, which can be found in the following publication: “Standard definitions of terms relating to mass spectrometry (IUPAC Recommendations 2006)” by Murray et al. ([http://old.iupac.org/reports/provisional/abstract06/murray\\_prs.pdf](http://old.iupac.org/reports/provisional/abstract06/murray_prs.pdf))

Several terms used in the article are not according to the recent IUPAC guidelines. Some examples:

- MS spectrum; recommended term: “mass spectrum”; the abbreviation “MS” is commonly used to denote “mass spectrometry”;

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- protonated ion: recommended term: “protonated molecule”; if the ion would be protonated we would have a doubly protonated molecule;

- target ion: recommended term: “precursor” ion.

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Interactive comment on Atmos. Meas. Tech. Discuss., 2, 1351, 2009.

### Interactive Comment

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