

***Interactive comment on* “Characterisation of corona-generated ions used in a Neutral cluster and Air Ion Spectrometer (NAIS)” by H. E. Manninen et al.**

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A short comment – it seems incorrectly to write: Page 2104 line 15 - “An atmospheric pressure interface time-of-flight mass spectrometer (APi-TOF, Ehn et al., 2010; Junninen et al., 2010) was used to measure the composition of corona generated ions in both negative and positive polarity.” Page 2109 line 10 - “We also measured the chemical composition of the ions generated in the corona discharger.” Page 2112 line 5 - “The chemical composition of the ions was measured in parallel with the size measurements.”

You measure the quantity mass/charge and propose the chemical composition accord-

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ing to these data. You cannot measure the chemical composition of ions by mass spectrometer.

Interactive comment on Atmos. Meas. Tech. Discuss., 4, 2099, 2011.

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