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Erratum

Erratum to "Discovery and characterization of atmospherically relevant inorganic species by structurally diagnostic mass spectrometric techniques" [Int. J. Mass Spectrom. 212 (2001) 403–411]☆

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The publisher regrets that in the above article a number of errors were introduced and apologizes for any confusion or inconvenience this may have caused. The corrections are now given below.

Abstract, sentence 1, page 403:

The role of structurally diagnostic techniques such as Mass-analyzed Kinetic Energy (MIKE), Collisionally Activated Dissociation (CAD), Neutralization Reionization (NR) and Fourier-Transform Ion Cyclotron Resonance (FT-ICR) mass spectrometry, complemented by theoretical calculations, in atmospheric chemistry is illustrated by representative examples.

Section 2, paragraph 3, sentence 1, page 405:

Well-defined ion-molecule clustering reactions were used in the Chemical Ionization (CI) source of a multisector mass spectrometer of the Electrostatic-Magnetic-Electrostatic-orthogonal Time of Flight (EBE o-TOF) configuration to obtain $(H_2O{\cdot}O_2)^+$ or $(H_2O{\cdot}O_2)^-$ adducts, each of which was mass selected and assayed by NR^+ and NR^- mass spectrometry.

Section 4, paragraph 1, sentence 7, page 408:

A clue to the process responsible for the formation of $N_2O^{\bullet+}$ is provided by the presence in the N_2/O_3 CI spectrum of a $[N_2O_3]^+$ adduct of $m/z = 76$ which, shifts to 78 when $^{15}N_2$ is used.

Fig. 3 was also mistakenly presented as Fig. 2 which had been omitted, both figures are now correctly reproduced on the following page.

☆PII of the original article: S1387-3806(01)00444-4.

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1387-3806/01/$ – see front matter
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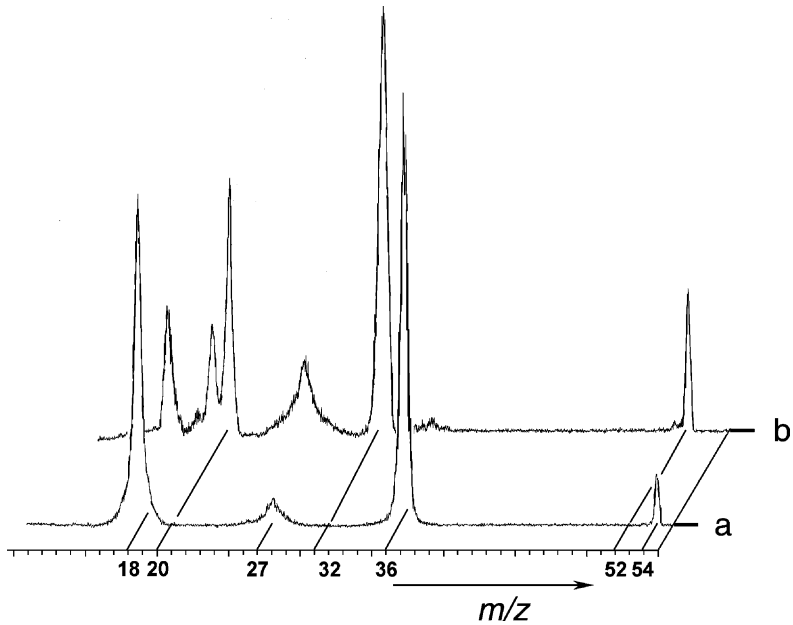

Fig. 2. $^{+}NR^{+}$ spectrum of the $(H_2O \cdot {}^{18}O_2)^{+}$ ion, $m/z = 54$ (a) and of the $(H_2{}^{18}O \cdot O_2)^{+}$ ion, $m/z = 52$ (b), both displaying 'recovery' peak at the expected *m/z* ratios. (Reproduced by permission of *Angew. Chem. Int. Ed. Engl.*).

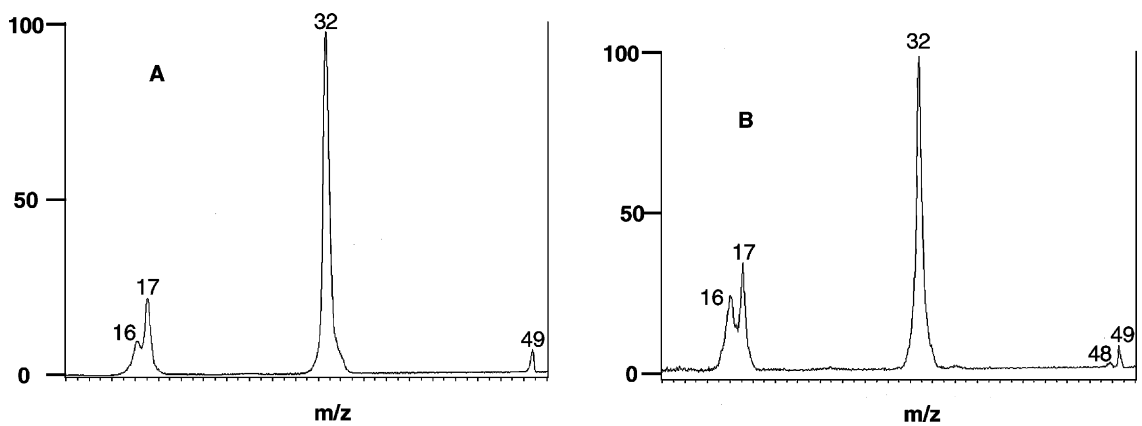

Fig. 3. (A) NR^{+} spectrum of $HO_3{}^{+}$ ions, $m/z = 49$, kinetic energy 4 keV. Neutralizing and reionizing gas Xe and O_2, respectively. (B) NR^{-} spectrum of $HO_3{}^{+}$ ions, kinetic energy 8 kV, neutralizing and reionizing gas CH_4. (Reproduced by permission of *Science*).