

1 **Supplements**

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3 **Figure S1.** Topography and location of the sampling site (a) location of Nanjing; (b)
4 location of surrounding cities of Nanjing; and (c) location of the sampling site at
5 Nanjing University. The map in (a) is from MeteoInfo developed by Yaqiang Wang;
6 the maps in (b) and (c) are reproduced from Google Maps (2021).

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9 **Figure S2.** Temporal trend of the particle count of $^{86}(\text{C}_2\text{H}_5)_2\text{NCH}_2^+$ -containing
10 particles during the sampling period.

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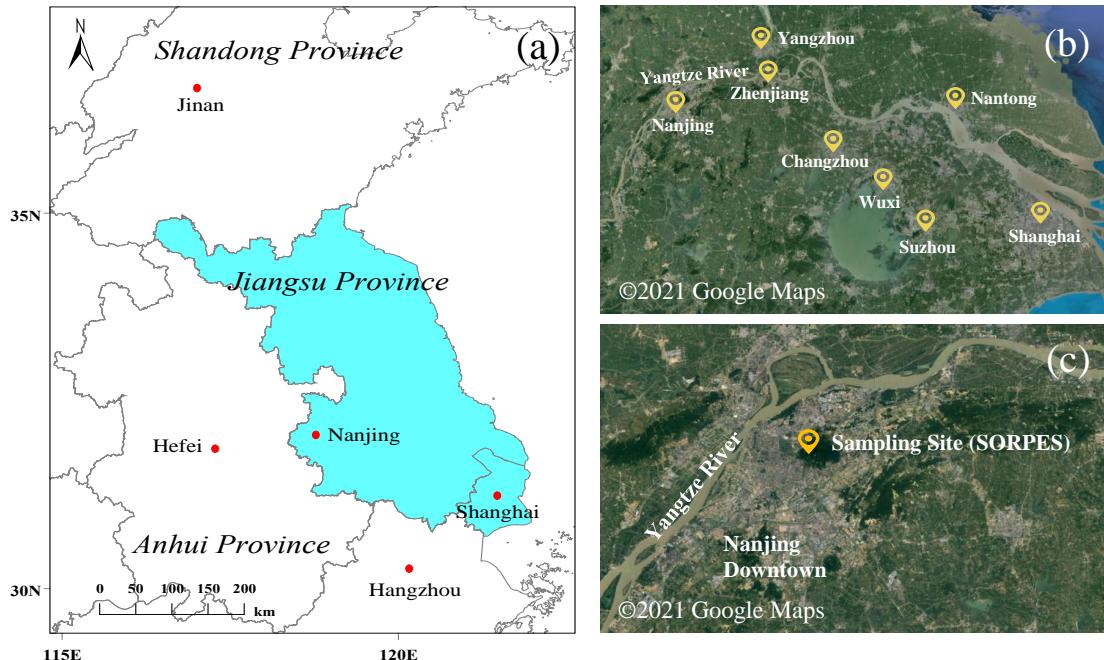
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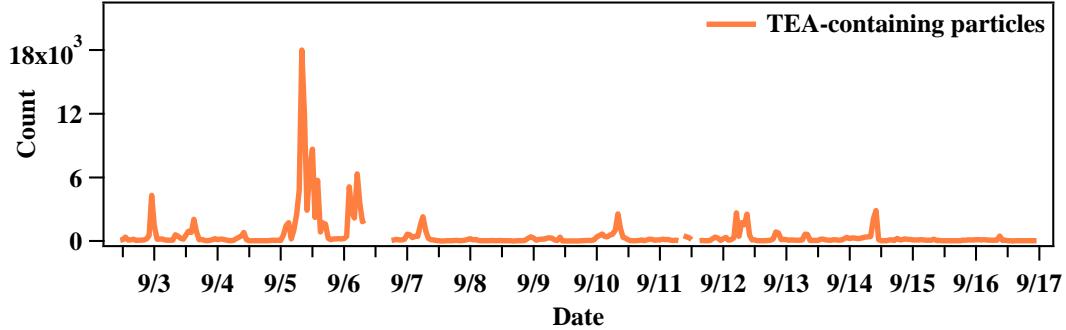
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39 **Figure S2.** Temporal trend of the particle count of $^{86}(\text{C}_2\text{H}_5)_2\text{NCH}_2^+$ -containing
 40 particles during the sampling period.

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