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Atmospheric  
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*Supplement of*

## **Iodine speciation and size distribution in ambient aerosols at a coastal new particle formation hotspot in China**

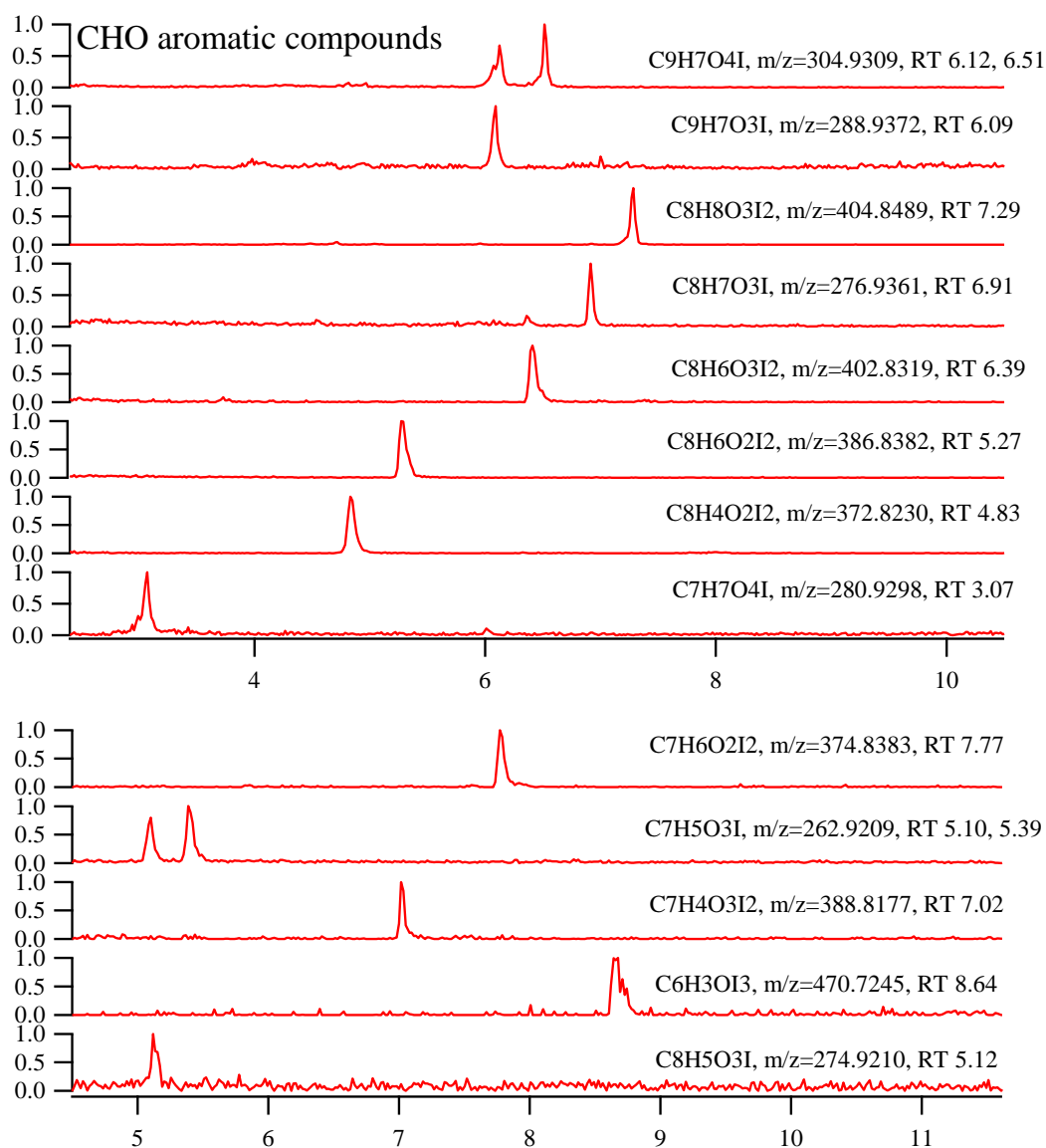
**Huan Yu et al.**

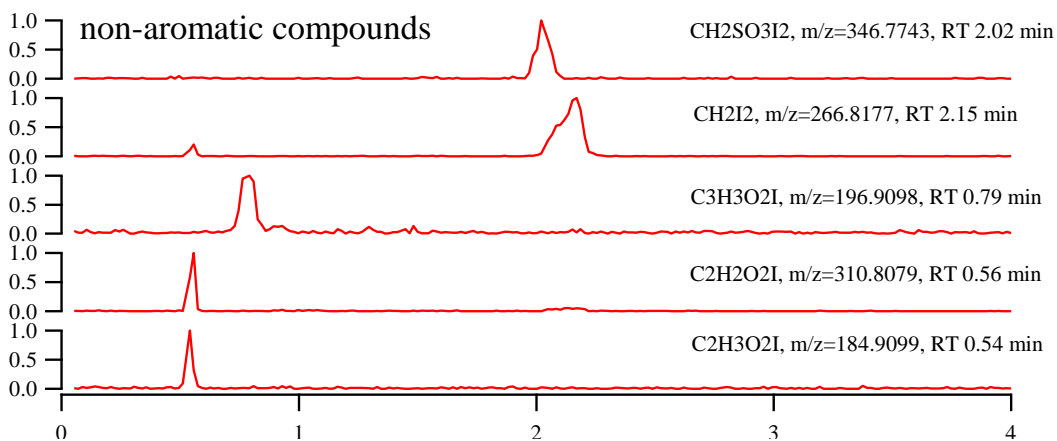
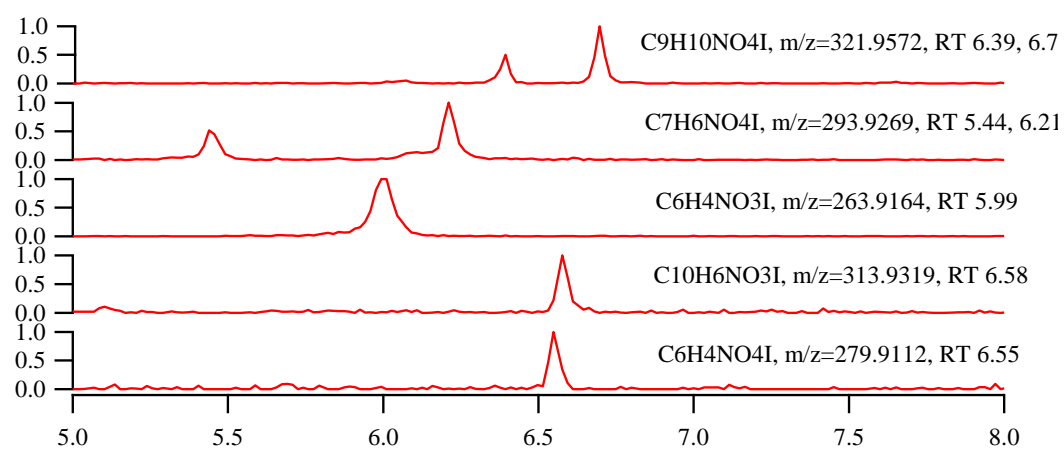
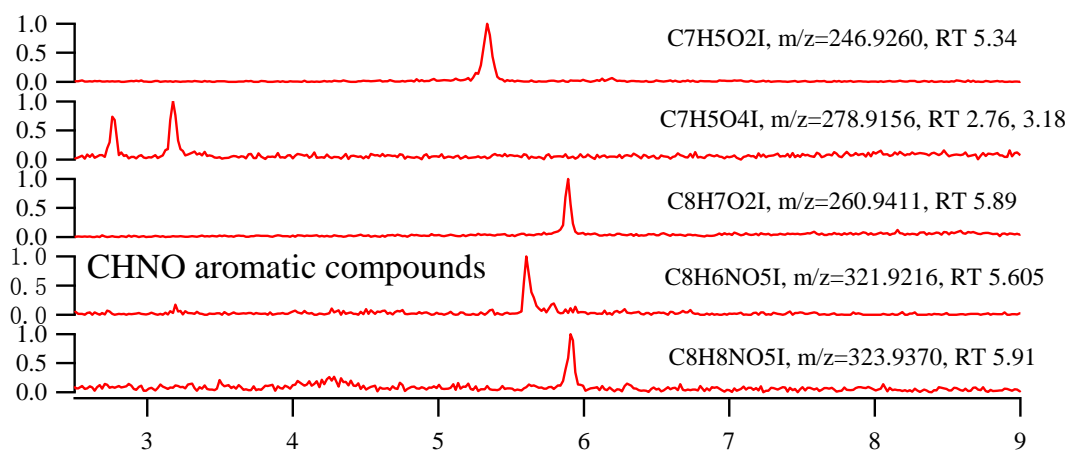
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## Supplemental Figures

Figure S1. Extracted ion chromatograms and retention times (RT) of 34 molecular formulas identified in the aerosol samples collected at the coastal site. Data were extracted in ESI- mode, unless otherwise noted. Chromatograms were extracted with 4 mDa mass window.





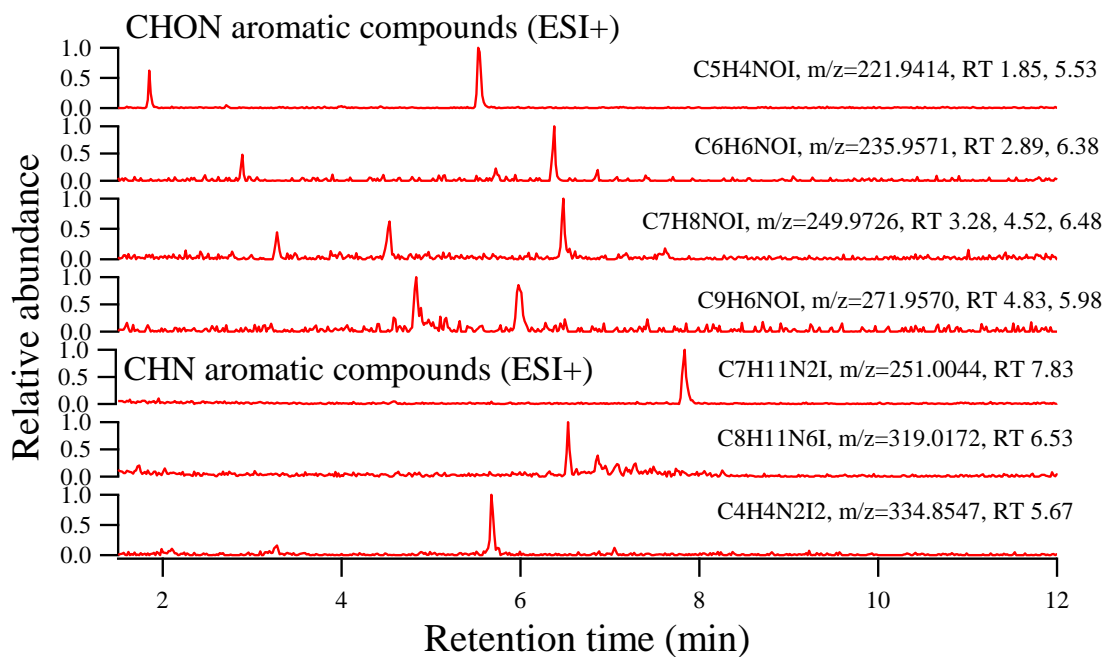
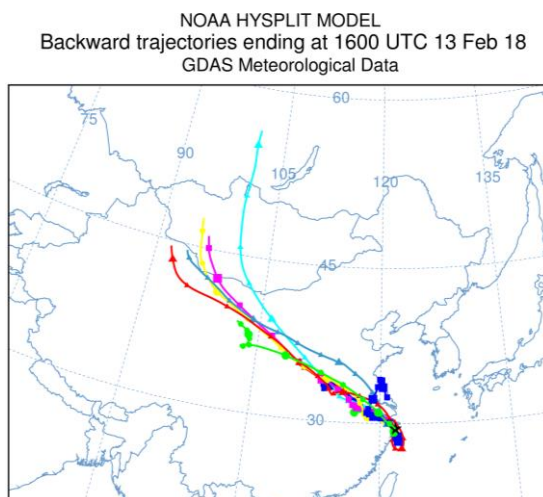


Figure S2. 72-hour air mass back trajectories ending at 100 m above ground level at the coastal observation site computed by HYSPLIT model during (a) continental NPF events from February 11 to 13, 2018 and (b) I-NPF events from May 8 to 10, 2018.



NOAA HYSPLIT MODEL  
Backward trajectories ending at 1600 UTC 10 May 18  
GDAS Meteorological Data

