1	Supplementary material
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5 6	Water-Soluble Organic Aerosol Material and the Light- Absorption Characteristics of Aqueous Extracts Measured Over
7	the Southeastern United States
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27 28 29 30 31	Figure 1S. Composition profiles (% of total of each species) for the four factors resolved by PMF based on all 15 FRM sites (left panel), and the time series over 2007 (indicated by first letter of the month) of relative contribution of each factor (right panel). Ox2 stands for oxalate, levog for levoglucosan and Abs for absorbance averaged between 360 and 370 nm (<i>Abs</i> ₃₆₅ , see text Equation 2). Reproduced from Zhang et al., (2010) Fig. 9.
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33 34 35 36	Figure 2S. Composition profiles (% of total of each species) for the five factors resolved by PMF based on FRM and Speciation data sets at 7 EPA (urban) FRM/Speciation sites (left panel), and the time series of relative contribution of each factor (right panel). Reproduced from Zhang et al., (2010) Fig. 1S.
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38 39 40 41	Reference Zhang, X., A. Hecobian, M. Zheng, N. Frank, and R. J. Weber, Biomass buring impact on PM2.5 over the southeastern U.S.: Intgrating chemically speciated FRM filter measurements, MODIS fire counts and PMF analysis, Atm. Chem. Phys. Disc., 10, 7037-7077, 2010.
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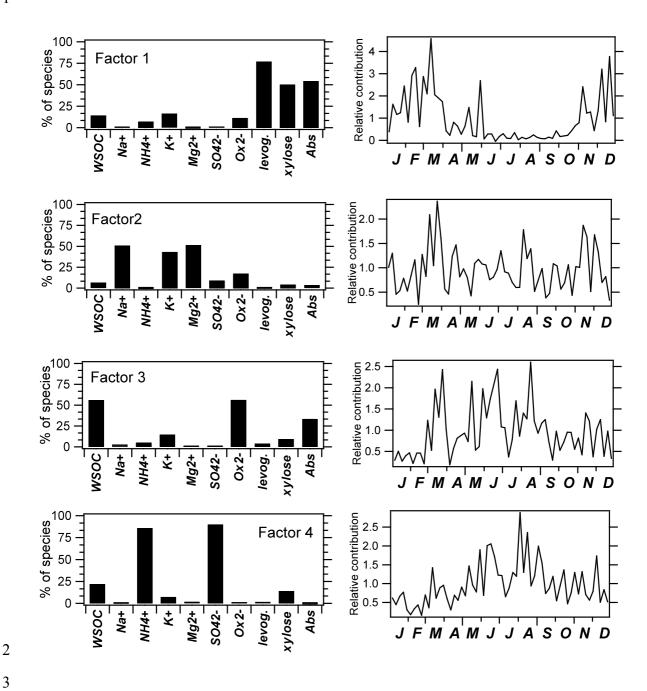


Figure 1S. Composition profiles (% of total of each species) for the four factors resolved by PMF based on all 15 FRM sites (left panel), and the time series over 2007 (indicated by first letter of the month) of relative contribution of each factor (right panel). Ox2 stands for oxalate, levog for levoglucosan and Abs for absorbance averaged between 360 and 370 nm (Abs_{365} , see text Equation 2). Reproduced from Zhang et al., (2010) Fig. 9.

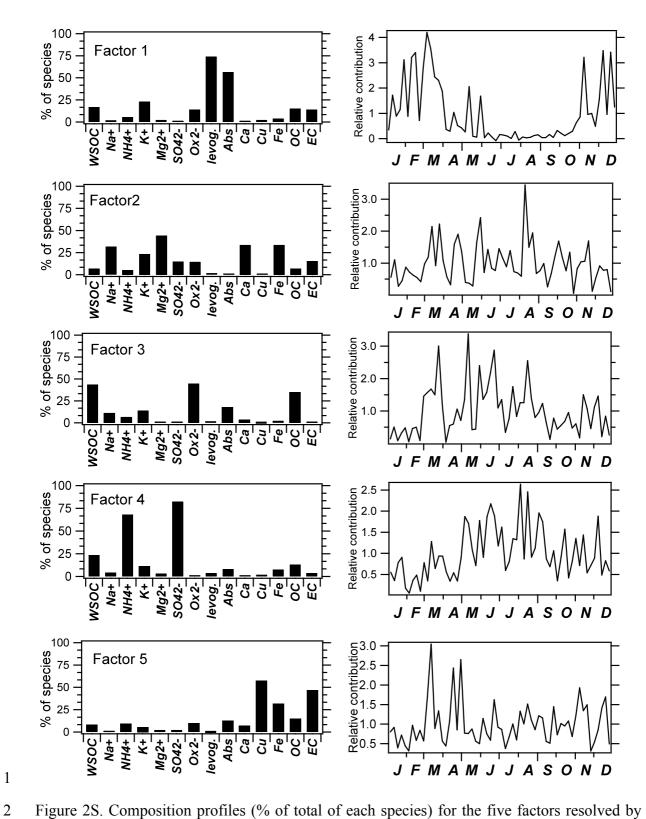


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