

Supplementary Material

Molecular Characteristics and Formation Mechanisms of Biogenic Secondary Organic Aerosols in the Summer Atmosphere at Mt. Tai on the North China Plain

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Table S1. Linear correlation coefficients (R) of SOA_i, SOA_m and SOA_c concentration with EC, SO₄²⁻ and NO₃⁻ at Mt. Tai during the summertime.

	Daytime			Nighttime		
	SOA _i	SOA _m	SOA _c	SOA _i	SOA _m	SOA _c
SO ₄ ²⁻	0.25	0.27	0.33	0.26	0.39	0.36
NO ₃ ⁻	0.30	0.35	0.28	0.18	0.24	0.28
EC	0.10	0.29	0.26	0.002	0.001	0.02