Supplementary for “Measurement Report: Effects of anthropogenic emissions and environmental factors on biogenic secondary organic aerosol (BSOA) formation in a coastal city of Southeastern China”

Youwei Hong\textsuperscript{a,b,c,d}, Xinbei Xu\textsuperscript{a,b,c}, Dan Liao\textsuperscript{e}, Taotao Liu\textsuperscript{a,b,c}, Xiaoting Ji\textsuperscript{a,b,c}, Ke Xu\textsuperscript{a,b,d}, Chunyang Liao\textsuperscript{f}, Ting Wang\textsuperscript{g}, Chunshui Lin\textsuperscript{g}, Jinsheng Chen\textsuperscript{a,b,c,*}

\textsuperscript{a}Center for Excellence in Regional Atmospheric Environment, Institute of Urban Environment, Chinese Academy of Sciences, Xiamen, 361021, China
\textsuperscript{b}Key Lab of Urban Environment and Health, Institute of Urban Environment, Chinese Academy of Sciences, Xiamen, 361021, China
\textsuperscript{c}University of Chinese Academy of Sciences, Beijing, 100049, China
\textsuperscript{d}School of Life Sciences, Hebei University, Baoding, 071000, China
\textsuperscript{e}College of Environment and Public Health, Xiamen Huaxia University, Xiamen 361024, China
\textsuperscript{f}State Key Laboratory of Environmental Chemistry and Ecotoxicology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085, China
\textsuperscript{g}Institute of Earth Environment, Chinese Academy of Sciences, Xi'an, 710061, China

*Corresponding author E-mail: Jinsheng Chen (jschen@iue.ac.cn); Youwei Hong (ywhong@iue.ac.cn)
Fig. S1. Temporal variations of SOA tracers detected in the wintertime and summertime PM$_{2.5}$ samples in the coastal city of Southeast China
Fig.S2 Correlations of CPA, LEV and DHOPA during winter and summertime