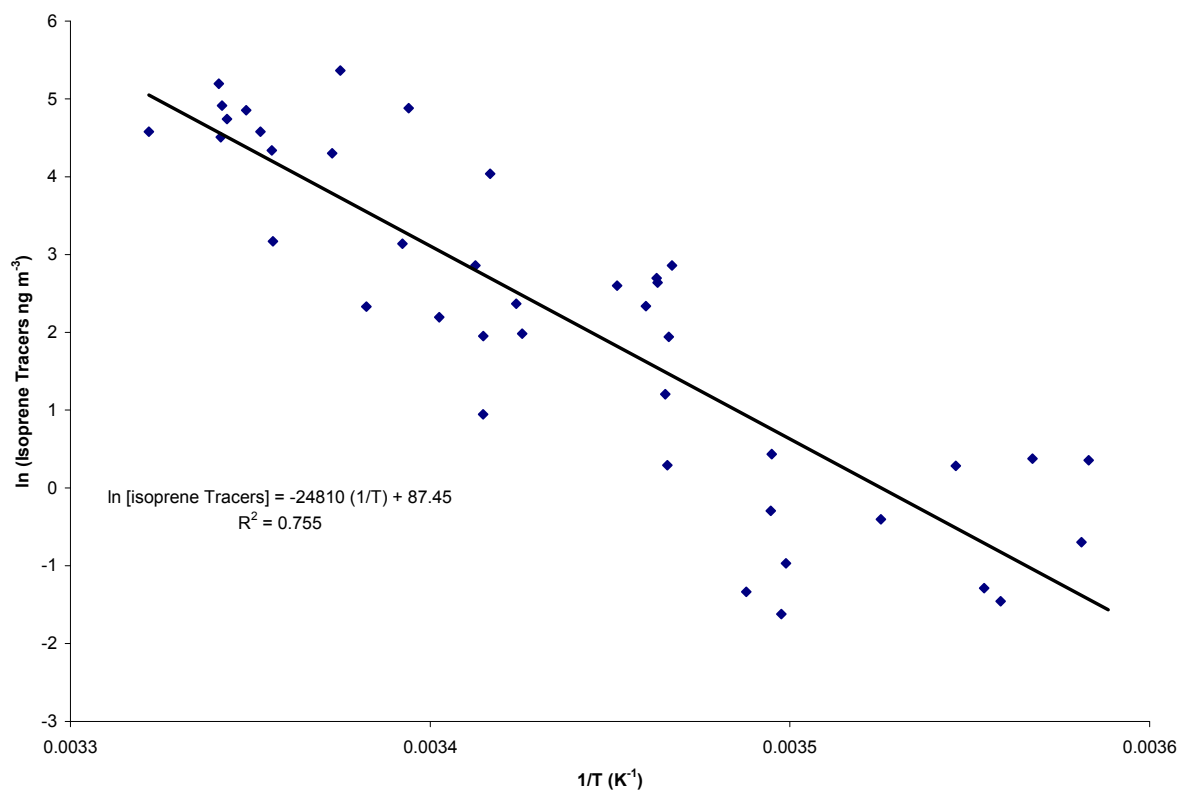
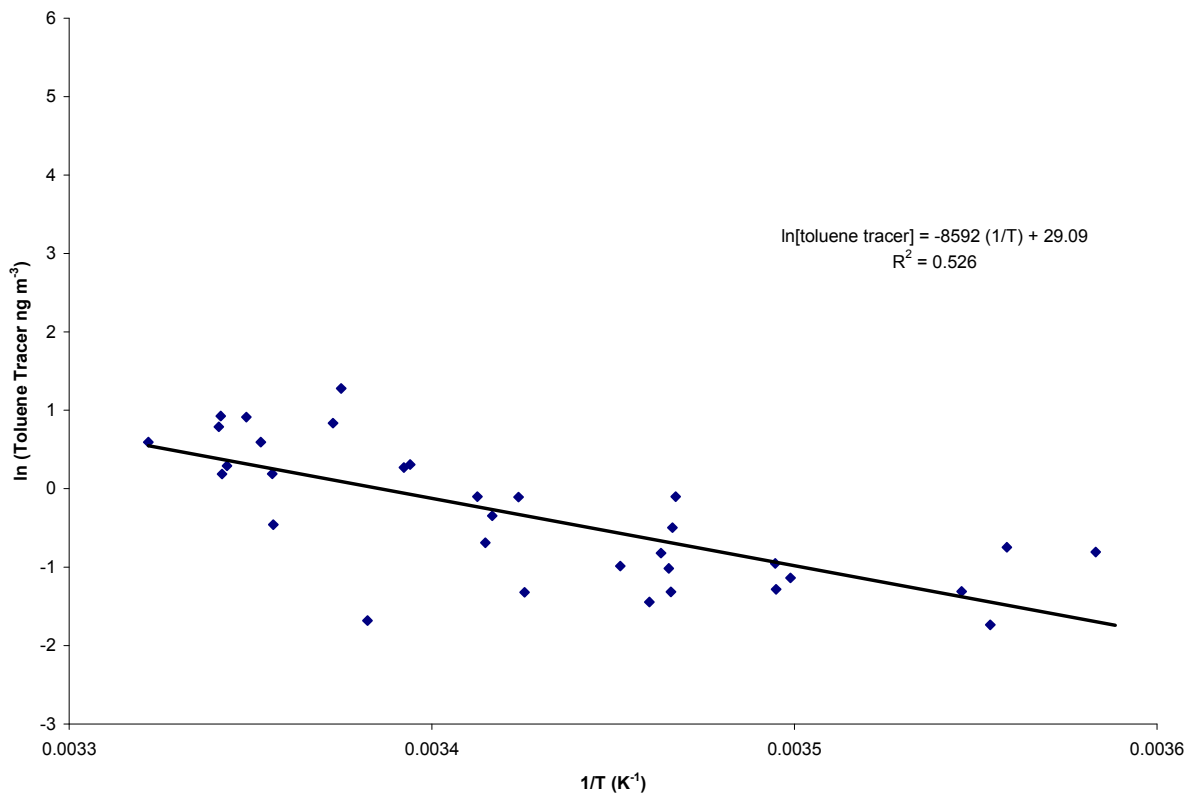
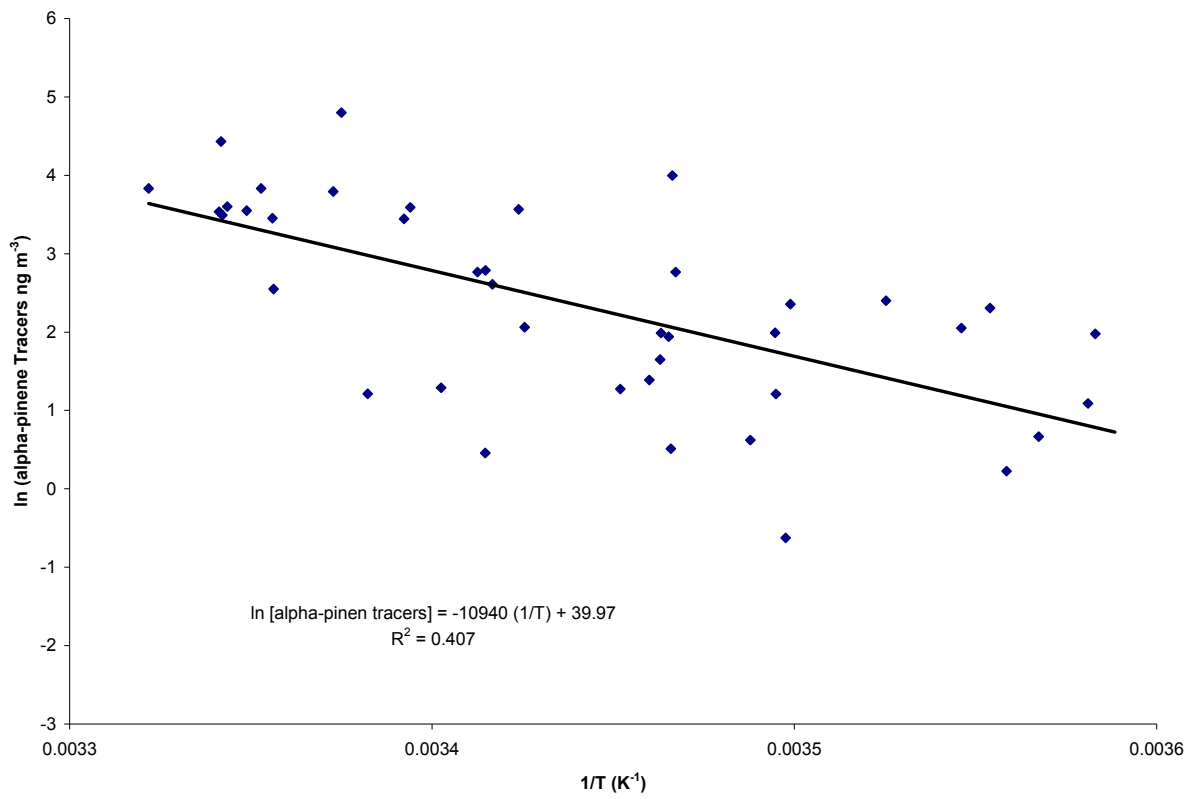


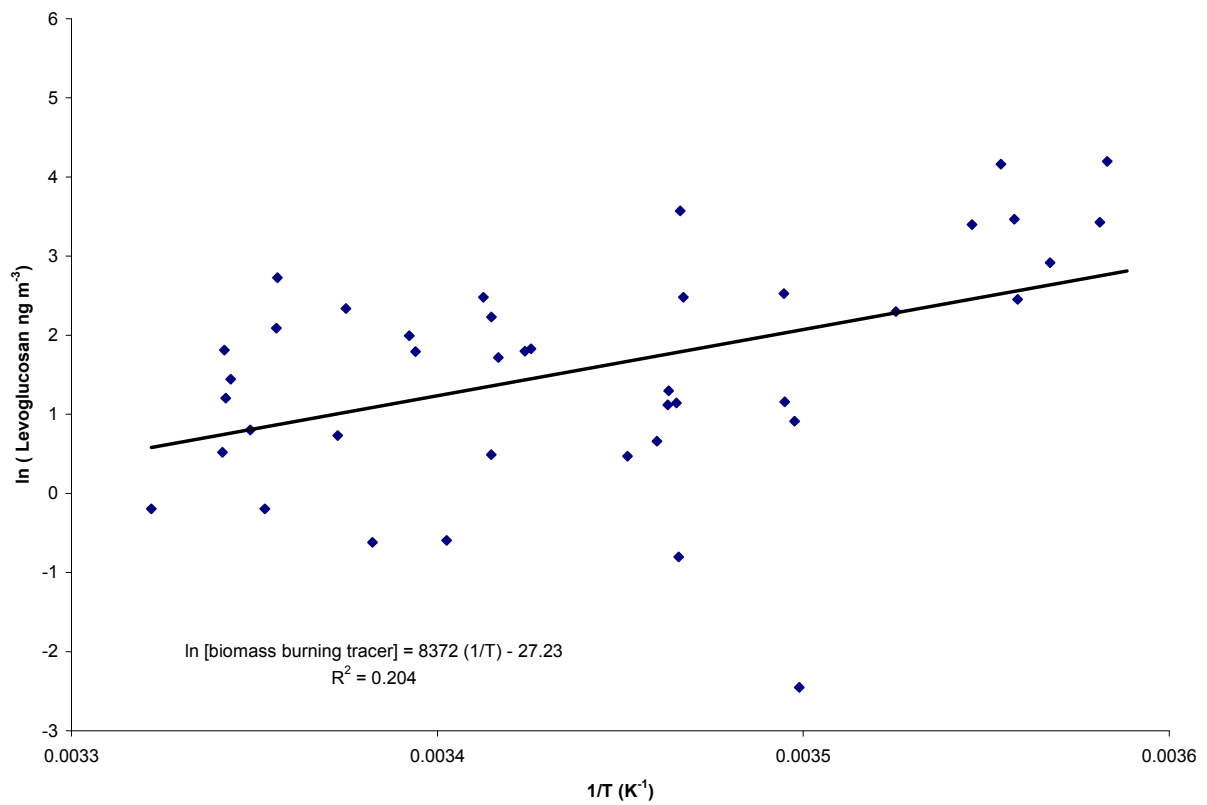
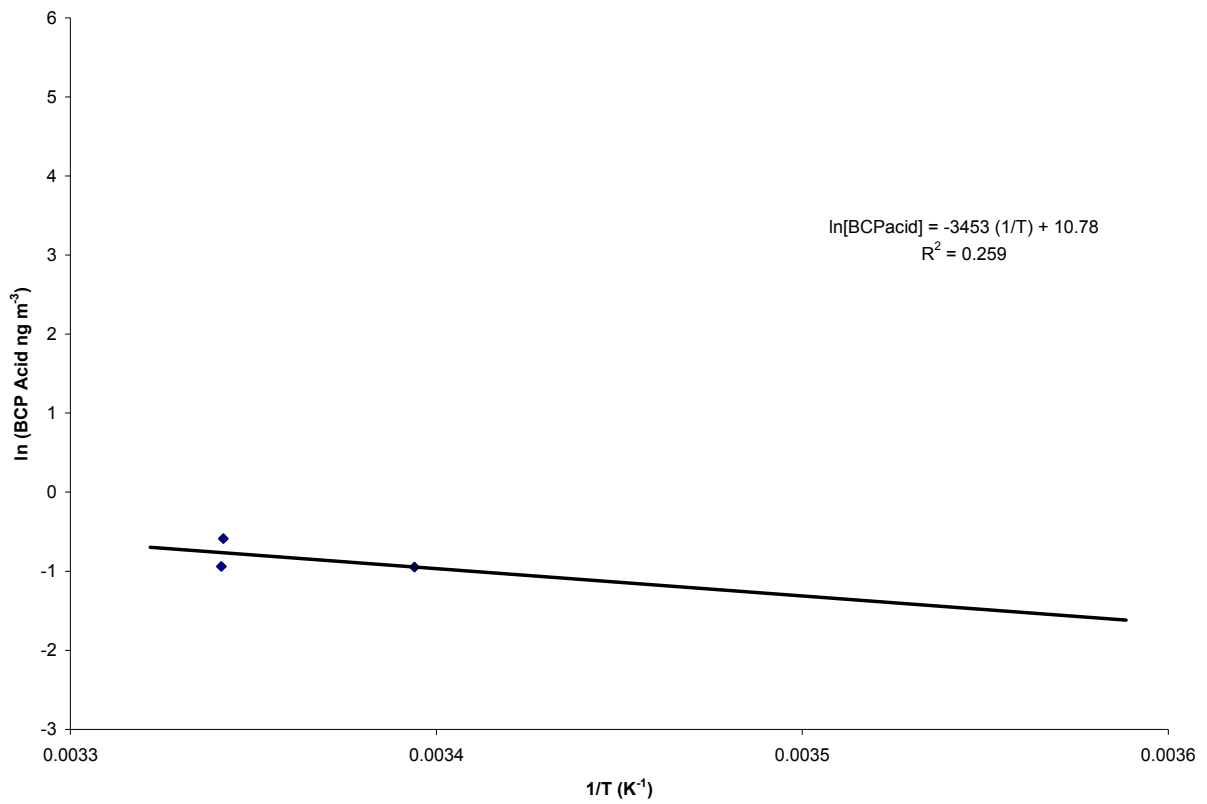
Supplementary Material

Contributions of Biogenic and Anthropogenic Hydrocarbons to Secondary Organic Aerosol during 2006 in Research Triangle Park, NC

John H. Offenberg, Michael Lewandowski, Mohammed Jaoui, Tadeusz E. Kleindienst







List of Tracer Compounds

2,3-dihydroxymethacrylic acid	Isoprene Tracer
2-methylthreitol	Isoprene Tracer
2-methylerythritol	Isoprene Tracer
3-isopryl pentanedioic acid	α-pinene Tracer
3-acetyl pentanedioic acid	α-pinene Tracer
3-acetyl hexanedioic acid	α-pinene Tracer
2-Hydroxy-4-isopropyladipic acid	α-pinene Tracer
3-Hydroxyglutaric acid	α-pinene Tracer
2-Hydroxy-4,4-dimethylglutaric acid	α-pinene Tracer
3-(2-Hydroxy-ethyl)-2,2-dimethyl -cyclobutane-carboxylic acid	α-pinene Tracer
Pinic acid	α-pinene Tracer
Pinonic acid	α-pinene Tracer
2,3-dihydroxy-4-oxopentanoic acid	Toluene Tracer
b-caryophyllinic acid	BCP tracer
Levoglucosan	Biomass Burning Tracer

SOA tracers as identified by Jaoui *et al.* (2005) and Kleindienst *et al.* (2007); Biomass burning tracer as identified by Simoneit *et al.* (1999).