

***Interactive comment on “Development of a photochemical source for the production and calibration of acyl peroxyxynitrate compounds” by P. R. Veres and J. M. Roberts***

**Anonymous Referee #2**

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This is good short descriptive paper showing a useful method of synthesising PAN standards. In the main I agree with the other reviewer. It is concise, useful, and well written. The only thing I would add is with respect to inlet dissociation temperatures. What is the temperature of the gas stream? Can the authors comment on the relationship between the “real” thermal dissociation temperature and the operational temperature quoted in the paper? I realise the authors note that the precise TD condition are instrument dependent.

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Interactive comment on Atmos. Meas. Tech. Discuss., 8, 1457, 2015.