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Interactive comment on "Sources and transformations of particle-bound polycyclic aromatic hydrocarbons in Mexico City" *by* L. C. Marr et al.

C. Kolb (Editor)

kolb@aerodyne.com

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Reviewer # 2 generally endorses the conetnt and overall presentation in the manuscript. However, Reviewer # 2 alos introduces new sources of data for specific PAH ratios from diesel and gasoline engines which should be incorporated into the analyses presented in the manuscript. The large cited variation for these ratios dependent on vehicle matenance, age, and milage; fuel type, operating mode, engine load, and ambient temperture is reflected in available data. The authors may have or be able to obtain knowledge of fleet characteristics, operating states, and ambient tem-

peraturea that characterize their MCMA measurements. If so, these fleet and traffic characteristics should be utilized in any additional analyses performed and presented.

Interactive comment on Atmos. Chem. Phys. Discuss., 5, 12741, 2005.