Honolulu January 6, 2021

**Subject:** Submission of the revised manuscript (ID: CPLETT-20-2201) entitled “A Vacuum Ultraviolet Photoionization Study on the Isomerization, Decomposition, and Molecular Mass Growth Processes in Solid Nitromethane (CH3NO2)”.

Dear David,

With this letter, we would like to submit our revised manuscript (ID: CPLETT-20-2201) entitled “A Vacuum Ultraviolet Photoionization Study on the Isomerization, Decomposition, and Molecular Mass Growth Processes in Solid Nitromethane (CH3NO2)”. We have revised the manuscript and provided point-by-point responses to the reviewer comments in a separate file “Response to Reviews”. Relevant changes in the manuscript are highlighted in yellow.

We hope that this revised version is acceptable for publication in the *Chemical Physics Letters* journal.

Thank you.

Ralf

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