## Accepted Manuscript

Title: Cationization and Fragmentation of Molecular Ions Sputtered from Polyethylene Glycol under Gas Cluster Bombardment: An Analysis by MS and MS/MS

Authors: Prutchayawoot Thopan, Hubert Gnaser, Rika Oki, Takaaki Aoki, Toshio Seki, Jiro Matsuo

PII: \$1387-3806(17)30487-6

DOI: https://doi.org/10.1016/j.ijms.2018.05.012

Reference: MASPEC 15961

To appear in: International Journal of Mass Spectrometry

Received date: 29-11-2017 Revised date: 8-5-2018 Accepted date: 10-5-2018

Please cite this article as: Prutchayawoot Thopan, Hubert Gnaser, Rika Oki, Takaaki Aoki, Toshio Seki, Jiro Matsuo, Cationization and Fragmentation of Molecular Ions Sputtered from Polyethylene Glycol under Gas Cluster Bombardment: An Analysis by MS and MS/MS, International Journal of Mass Spectrometry https://doi.org/10.1016/j.ijms.2018.05.012

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



### ACCEPTED MANUSCRIPT

# Cationization and Fragmentation of Molecular Ions Sputtered from Polyethylene Glycol under Gas Cluster Bombardment: An Analysis by MS and MS/MS

Prutchayawoot Thopan<sup>1</sup>, Hubert Gnaser<sup>2\*</sup>, Rika Oki<sup>1</sup>, Takaaki Aoki<sup>3</sup>, Toshio Seki<sup>4</sup>, Jiro Matsuo<sup>1,5</sup>

<sup>1</sup>Quantum Science and Engineering Center, Kyoto University, Gokasho, Uji, Kyoto 611-0011, Japan <sup>2</sup>Department of Physics and Research Center OPTIMAS, University of Kaiserslautern,

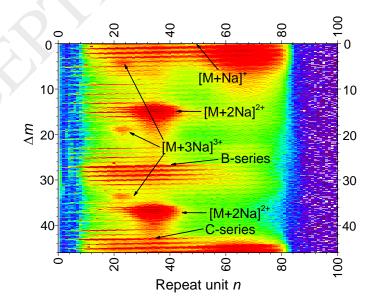
67663 Kaiserslautern, Germany

<sup>3</sup>Department of Electronic Science and Engineering, Kyoto University, Nishikyo-ku, Kyoto 615–8510,

Japan

<sup>4</sup>Department of Nuclear Engineering, Kyoto University, Gokasho, Uji, Kyoto 611-0011, Japan <sup>5</sup>SENTAN, Japan Science and Technology Agency (JST), Chiyoda, Tokyo 102-0075, Japan <sup>\*</sup>Corresponding author: Hubert Gnaser. Department of Physics, University of Kaiserslautern, Germany. E-mail: <a href="mailto:gnaser@rhrk.uni-kl.de">gnaser@rhrk.uni-kl.de</a>

#### **Graphical abstract**



#### Download English Version:

# https://daneshyari.com/en/article/7602707

Download Persian Version:

https://daneshyari.com/article/7602707

Daneshyari.com