

ASMS NEWS & VIEWS

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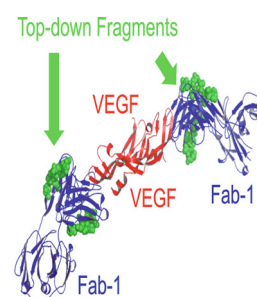
ASMS News & Views
Edited by Gavin Reid

SHORT COMMUNICATION

1139 – 1142

Native MS and ECD Characterization of a Fab–Antigen Complex May Facilitate Crystallization for X-ray Diffraction

Y. Zhang, W. Cui, A.T. Wecksler, H. Zhang, P. Molina, G. Deperalta, and M.L. Gross

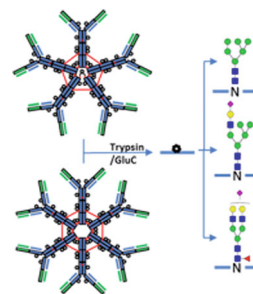


RESEARCH ARTICLES

1143 – 1155

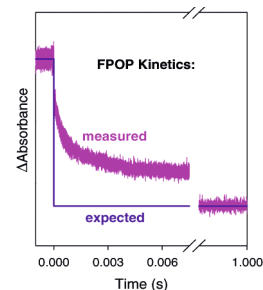
Site-Specific *N*-Glycosylation of Recombinant Pentameric and Hexameric Human IgM

E.S.X. Moh, C.-H. Lin, M. Thaysen-Andersen, and N.H. Packer



1156 – 1164

Probing the Time Scale of FPOP (Fast Photochemical Oxidation of Proteins): Radical Reactions Extend Over Tens of Milliseconds
S. Vahidi and L. Konermann



Instructions for authors for *The Journal of The American Society for Mass Spectrometry* can be found at www.springer.com/13361

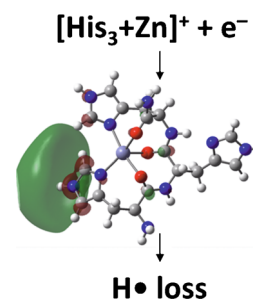
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1165 – 1175

Difference of Electron Capture and Transfer Dissociation Mass Spectrometry on Ni^{2+} -, Cu^{2+} -, and Zn^{2+} -Polyhistidine Complexes in the Absence of Remote Protons

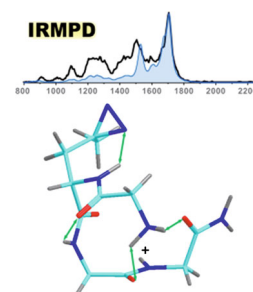
D. Asakawa and E. De Pauw



1176 – 1185

Photoleucine Survives Backbone Cleavage by Electron Transfer Dissociation. A Near-UV Photodissociation and Infrared Multiphoton Dissociation Action Spectroscopy Study

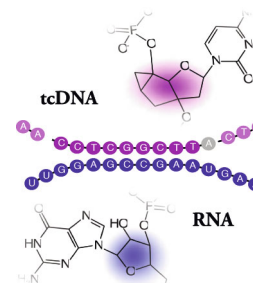
C.J. Shaffer, J. Martens, A. Marek, J. Oomens, and F. Tureček



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The Contribution of the Activation Entropy to the Gas-Phase Stability of Modified Nucleic Acid Duplexes

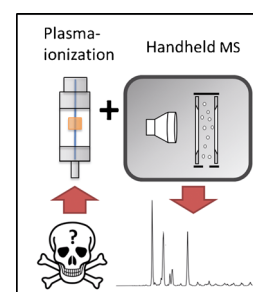
Y. Hari, B. Dugovič, A. Istrate, A. Figiolé, C.J. Leumann, and S. Schürch



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Direct and Sensitive Detection of CWA Simulants by Active Capillary Plasma Ionization Coupled to a Handheld Ion Trap Mass Spectrometer

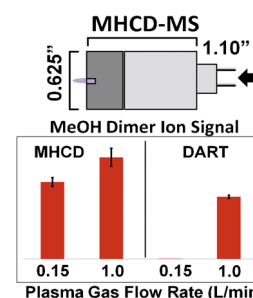
J.-C. Wolf, R. Etter, M. Schaer, P. Siegenthaler, and Renato Zenobi



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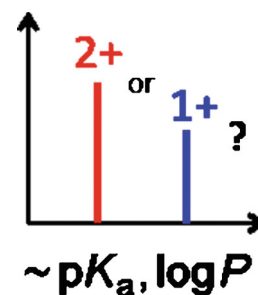
Microplasma Ionization of Volatile Organics for Improving Air/Water Monitoring Systems On-Board the International Space Station

M.C. Bernier, R.M. Alberici, J.D. Keelor, P. Dwivedi, S.C. Zambrzycki, W.T. Wallace, D.B. Gazda, T.F. Limero, J.M. Symonds, T.M. Orlando, A. Macatangay, and F.M. Fernández



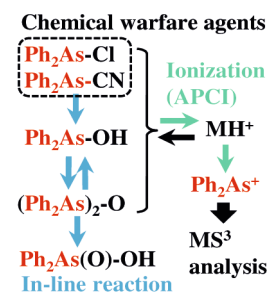
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Ionization Efficiency of Doubly Charged Ions Formed from Polyprotic Acids in Electrospray Negative Mode
P. Liigand, K. Kaupmees, and A. Kruve



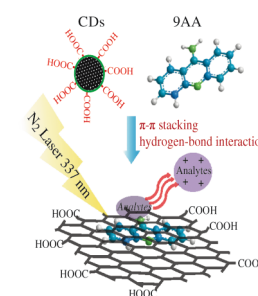
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In-Line Reactions and Ionizations of Vaporized Diphenylchloroarsine and Diphenylcyanoarsine in Atmospheric Pressure Chemical Ionization Mass Spectrometry
A. Okumura, Y. Takada, S. Watanabe, H. Hashimoto, N. Ezawa, Y. Seto, Y. Takayama, R. Sekioka, S. Yamaguchi, S. Kishi, T. Satoh, T. Kondo, H. Nagashima, and T. Nagoya



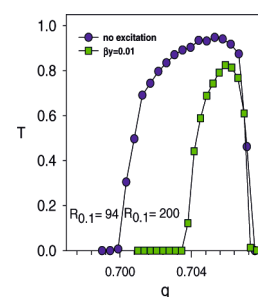
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Carbon Dots and 9AA as a Binary Matrix for the Detection of Small Molecules by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry
Y. Chen, D. Gao, H. Bai, H. Liu, S. Lin, and Y. Jiang



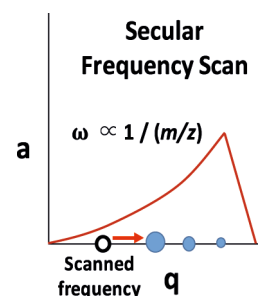
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Dipole Excitation: A New Method for Mass Analysis with a Quadrupole Mass Filter
N.V. Konenkov, D.J. Douglas, and A.S. Berdnikov



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Experimental Characterization of Secular Frequency Scanning in Ion Trap Mass Spectrometers
D.T. Snyder, C.J. Pulliam, J.S. Wiley, J. Duncan, and R.G. Cooks

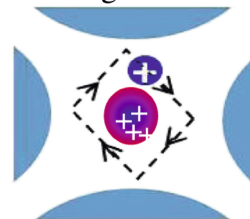


1256 – 1262

Reducing Space Charge Effects in a Linear Ion Trap by Rhombic Ion Excitation and Ejection

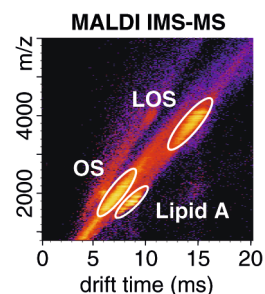
X. Zhang, Y. Wang, L. Hu, D. Guo, X. Fang, M. Zhou, and W. Xu

Reduced space charge effects

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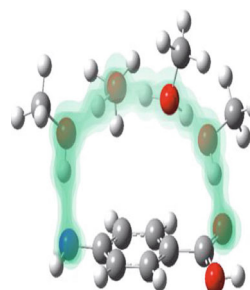
Analysis of Bacterial Lipooligosaccharides by MALDI-TOF MS with Traveling Wave Ion Mobility

N.J. Phillips, C.M. John, and G.A. Jarvis

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Studying Gas-Phase Interconversion of Tautomers Using Differential Mobility Spectrometry

J.L. Campbell, A.M.-C. Yang, L.R. Melo, and W.S. Hopkins

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I.K. Webb, S.V.B. Garimella, R.V. Norheim, E.S. Baker, Y.M. Ibrahim, and R.D. Smith

