

**ASMS NEWS & VIEWS**

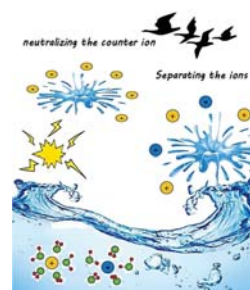
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ASMS News & Views  
*Edited by Gavin Reid*

**CRITICAL INSIGHT**

**2255–2261**

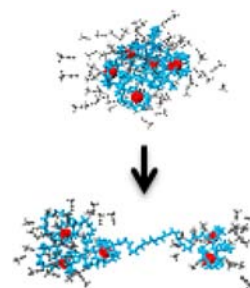
Transferring Ions from Solution to the Gas Phase:  
The Two Basic Principles  
*S.F. Teunissen and M.N. Eberlin*



**RESEARCH ARTICLES**

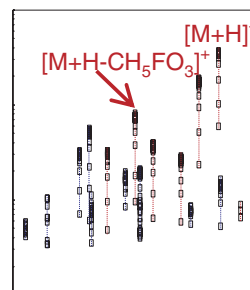
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Charging and Release Mechanisms of Flexible Macromolecules  
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*M.I. Oh and S. Consta*



**2280–2287**

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*X. Yang, P. Neta, and S.E. Stein*



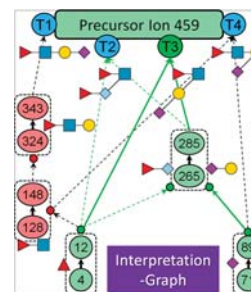
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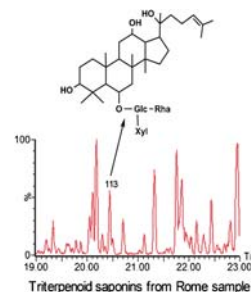
## 2288–2301

GlycoDeNovo – an Efficient Algorithm for Accurate de novo Glycan Topology Reconstruction from Tandem Mass Spectra  
*P. Hong, H. Sun, L. Sha, Y. Pu, K. Khatri, X. Yu, Y. Tang, and C. Lin*



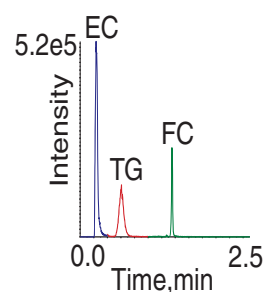
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Rapid Characterization of Constituents in *Tribulus terrestris* from Different Habitats by UHPLC/Q-TOF MS  
*W. Zheng, F. Wang, Y. Zhao, X. Sun, L. Kang, Z. Fan, L. Qiao, R. Yan, S. Liu, and B. Ma*



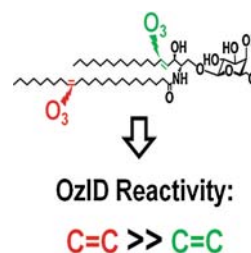
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Simultaneous Quantification of Free Cholesterol, Cholesteryl Esters, and Triglycerides without Ester Hydrolysis by UHPLC Separation and In-Source Collision Induced Dissociation Coupled MS/MS  
*M.S. Gardner, L.G. McWilliams, J.I. Jones, Z. Kuklenyik, J.L. Pirkle, and J.R. Barr*



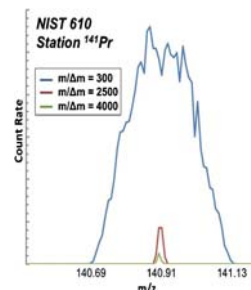
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Structural Analysis of Unsaturated Glycosphingolipids Using Shotgun Ozone-Induced Dissociation Mass Spectrometry  
*R.C. Barrientos, N. Vu, and Q. Zhang*



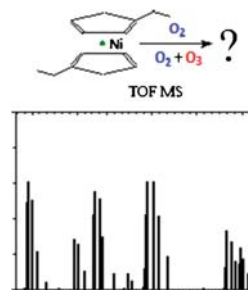
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*R. Funderburg, R. Arevalo Jr., M. Locmelis, and T. Adachi*

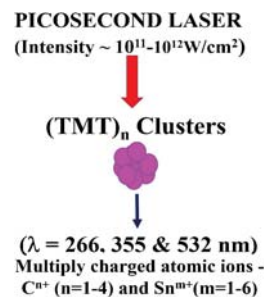


**2352–2360**

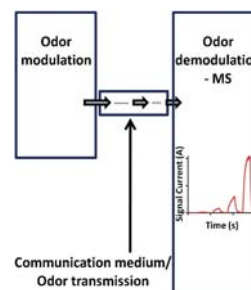
TOF MS Investigation of Nickel Oxide CVD  
*A.S. Kondrateva, M.V. Mishin, and S.E. Alexandrov*

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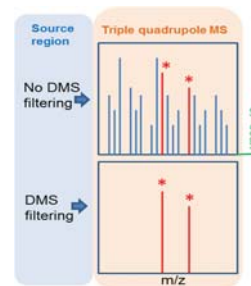
Tailoring Ion Charge State Distribution in Tetramethyltin Clusters  
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*Y. Kang, B.B. Schneider, and T.R. Covey*

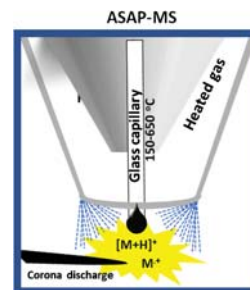
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*H. Shimada, K. Maeno, K. Kinoshita, and Y. Shida*

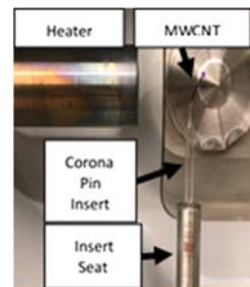


**2401–2407**

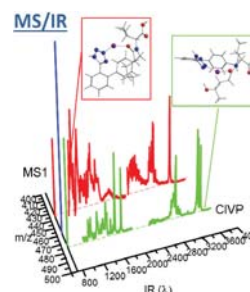
Application of Atmospheric Solids Analysis Probe Mass Spectrometry (ASAP-MS) in Petroleomics: Analysis of Condensed Aromatics Standards, Crude Oil, and Paraffinic Fraction  
*L.V. Tose, M. Murgu, B.G. Vaz, and W. Romão*

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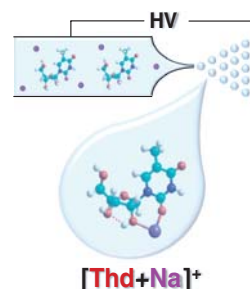
Carbon Nanotube Fiber Ionization Mass Spectrometry: A Fundamental Study of a Multi-Walled Carbon Nanotube Functionalized Corona Discharge Pin for Polycyclic Aromatic Hydrocarbons Analysis  
*K.S. Nahan, N. Alvarez, V. Shanov, and A. Vonderheide*

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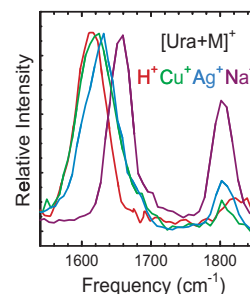
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*O. Gorlova, S.M. Colvin, A. Brathwaite, F.S. Menges, S.M. Craig, S.J. Miller, and M.A. Johnson*

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*Y. Zhu, H.A. Roy, N.A. Cunningham, S.F. Strobehn, J. Gao, M.U. Munshi, G. Berden, J. Oomens, and M.T. Rodgers*

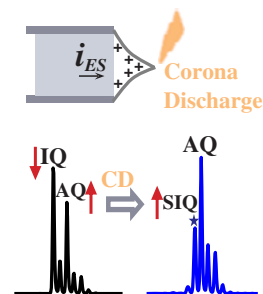
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*T.E. Akinyemi, R.R. Wu, Y.-W. Nei, N.A. Cunningham, H.A. Roy, J.D. Steill, G. Berden, J. Oomens, and M.T. Rodgers*



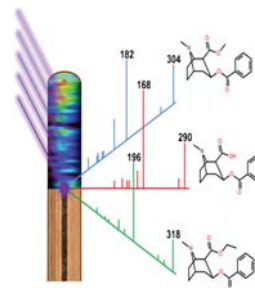
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*J. Pei, C.-C. Hsu, R. Zhang, Y. Wang, K. Yu, and G. Huang*



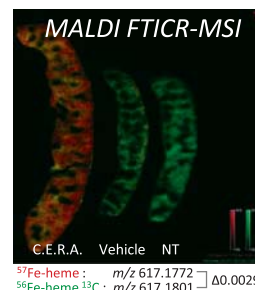
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*B. Flinders, E. Beasley, R.M. Verlaan, E. Cuyper, S. Francese, T. Bassindale, M.R. Clench, and R.M.A. Heeren*



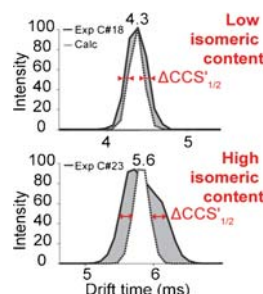
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*M. Kihara, Y. Matsuo-Tezuka, M. Noguchi-Sasaki, K. Yorozu, M. Kurasawa, Y. Shimonaka, and M. Hirata*



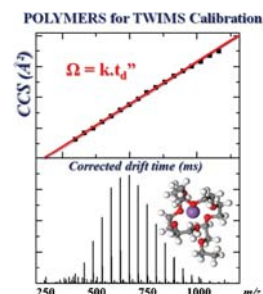
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*M. Farenc, B. Paupy, S. Marceau, E. Riches, C. Afonso, and P. Giusti*



## 2483–2491

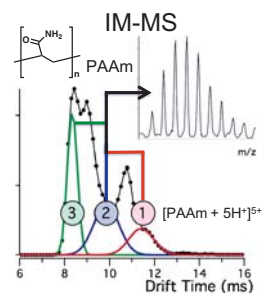
Polymers for Traveling Wave Ion Mobility Spectrometry Calibration  
*Q. Duez, F. Chiro, R. Liénard, T. Josse, C. Choi, O. Coulembier, P. Dugourd, J. Cornil, P. Gerbaux, and J. De Winter*



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Multiple Gas-Phase Conformations of a Synthetic Linear Poly(acrylamide) Polymer Observed Using Ion Mobility-Mass Spectrometry

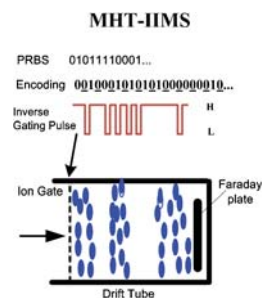
*J.R.N. Haler, J. Far, A. Aqil, J. Claereboudt, N. Tomczyk, K. Giles, C. Jérôme, and E. De Pauw*



## 2500–2507

Simultaneous Improvement of Resolving Power and Signal-to-Noise Ratio Using a Modified Hadamard Transform-Inverse Ion Mobility Spectrometry Technique

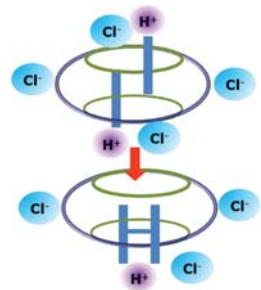
*Y. Hong, S. Liu, C. Huang, L. Xia, C. Shen, H. Jiang, and Y. Chu*



## 2508–2514

ESI-MS of Cucurbituril Complexes Under Negative Polarity

*M.A.A. Rodrigues, D.C. Mendes, V. Ramamurthy, and J.P. Da Silva*

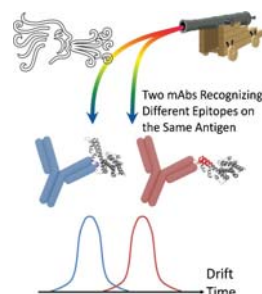


## SHORT COMMUNICATIONS

## 2515–2518

Native Mass Spectrometry, Ion mobility, and Collision-Induced Unfolding Categorize Malaria Antigen/Antibody Binding

*Y. Huang, N.D. Salinas, E. Chen, N.H. Tolia, and M.L. Gross*



## 2519–2522

Size Exclusion Chromatography-Ion Mobility-Mass Spectrometry Coupling: a Step Toward Structural Biology

*G. Van der Rest and F. Halgand*

