Walter Brent Wilson received his Ph. D. in Analytical Chemistry from the University of Central Florida (UCF) in August 2014, under the direction of Andres D. Campiglia. His research involved the development of new methods for the extraction, separation, and spectroscopic detection of polycyclic aromatic compounds (PACs) in environmental samples. Prior to attending UCF, he received a Bachelor of Science degree at Greensboro College and a Master of Science degree at the University of North Carolina of Greensboro. In February 2015, he was awarded a two-year National Research Council Post-Doctoral Fellowship to study at the National Institute of Standards and Technology (NIST), Chemical Sciences Division, under the direction of Stephen A. Wise and Lane C. Sander. His research focused on shape selective separations of PACs using normal-phase and reversed-phase liquid chromatography. After completion of this fellowship, he joined the Organic Chemical Measurement Science Group at NIST as a research chemist. His research has focused on the certification of tobacco and natural products reference materials through the development of new chromatographic separation methods. Most recently, Dr. Wilson has taken a lead role in conducting Cannabis research at NIST with a focus on developing Reference Materials and Quality Assurance Program. As part of his work, the development of chromatographic methods will be a primary focus to separate many natural and synthetic cannabinoids in complex Cannabis matrixes: dried plant, extracts, concentrates, edibles, etc. Gas chromatography and reversed-phase liquid chromatography coupled to mass spectrometry or tandem mass spectrometry will be the primary analytical techniques. He has published 33 publications in international peer-reviewed journals and has had over 60 presentations at multiple local, national, and international conferences. In 2018, he was elected as the vice president/program chair for the Washington Chromatography Discussion Group and. was featured in the 50th Anniversary Issues of Chromatographia as a Rising Star in Separation Science.