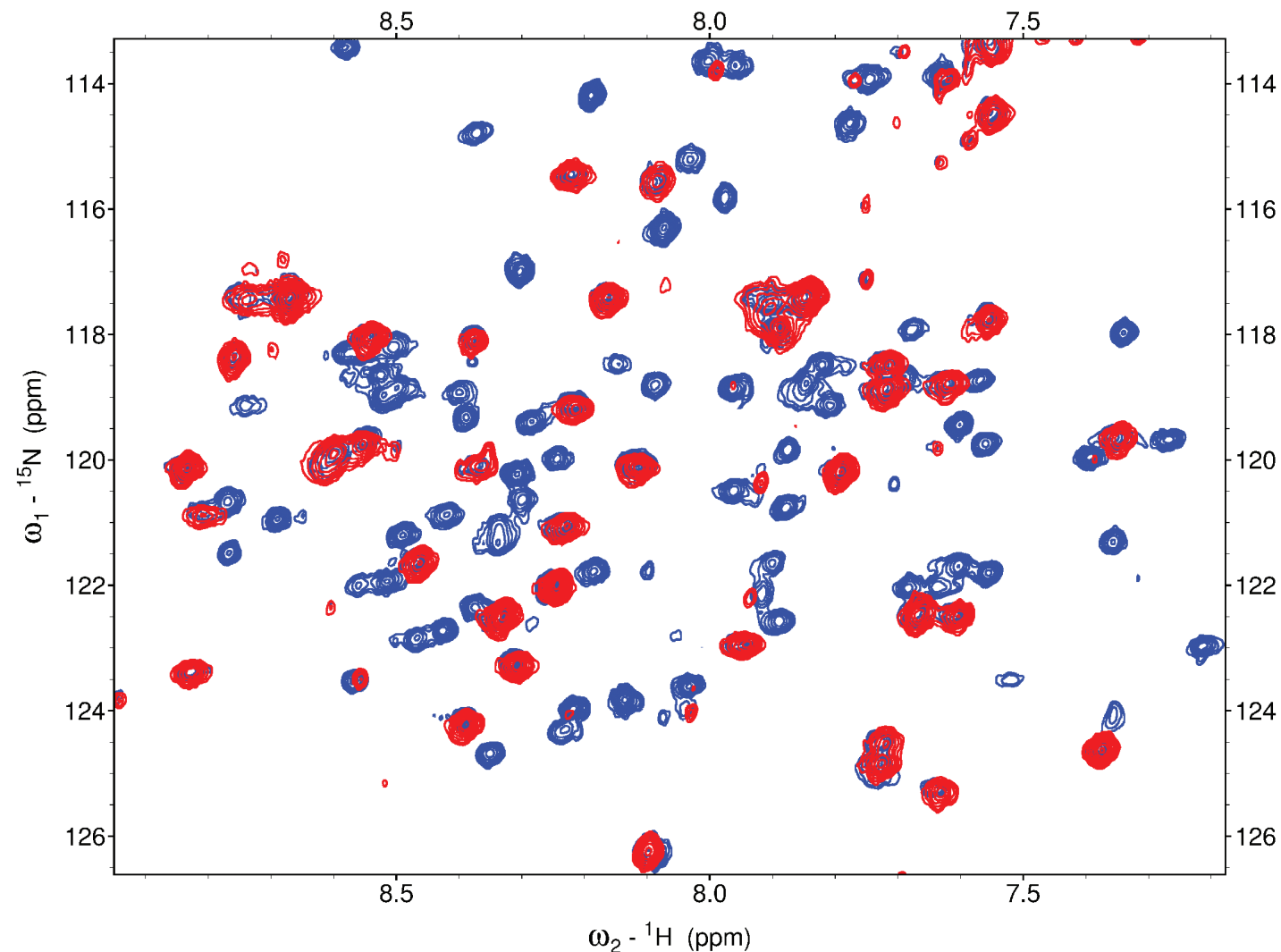




nmr is science



HSQC of ^{13}C , ^{15}N -labeled PTP in blue and ^{13}C , ^{15}N -labeled PTP with unlabeled amino acid in red

Victor Beaumont, 2017

Chemistry Department | Yale University

Field strength: 600 MHz

Why is this your favorite spectrum?

The spectrum shows the power of a selective reverse-labeling scheme using multiple amino acids in a single growth compared to one that is ubiquitously labeled with ^{13}C and ^{15}N . This reverse-labeling scheme was very helpful in identifying amino acid types for the purpose of backbone assignments.