

Exceptional service in the national interest



Raman Spectra of Plants & Vegetables

Jeri Timlin

All spectra obtained on Bayspec's Agility Dual Band Portable Raman Spectrometer, courtesy of Jeff McCubbins, using solid sample chamber

Plant samples courtesy of David Hanson and colleagues in UNM Biology Department

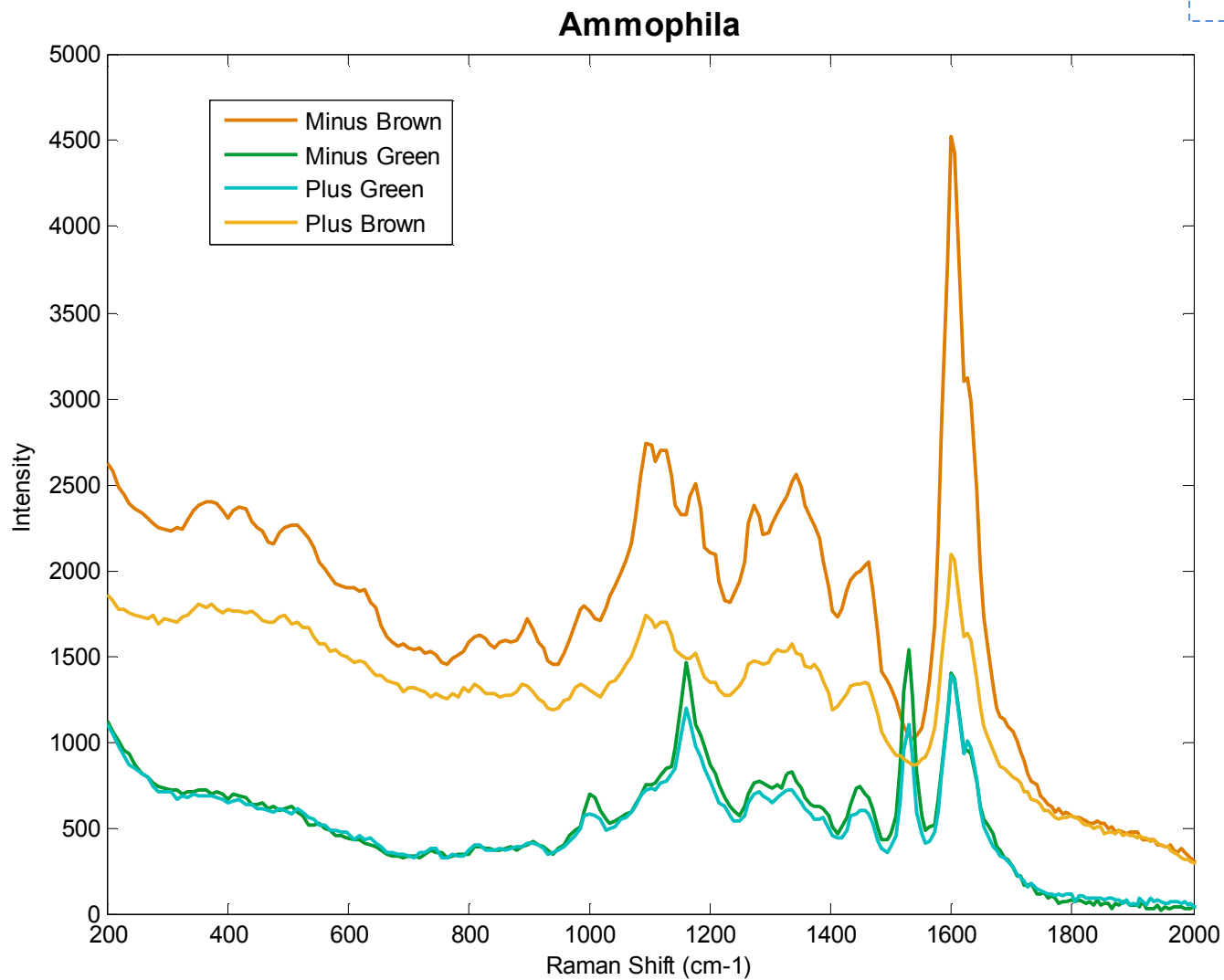
Vegetable samples courtesy of Timlin Refrigerator

SAND2014-XXXX

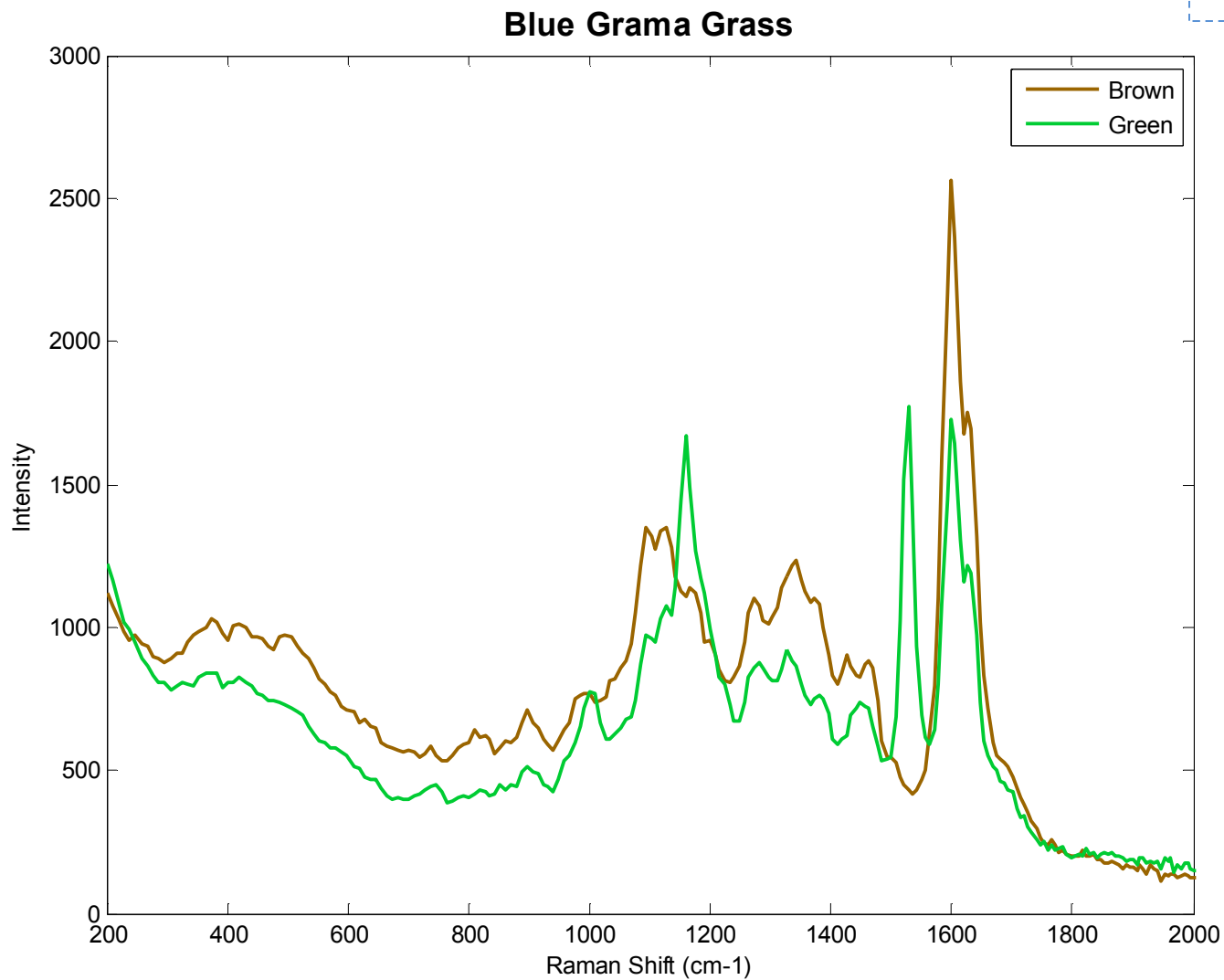


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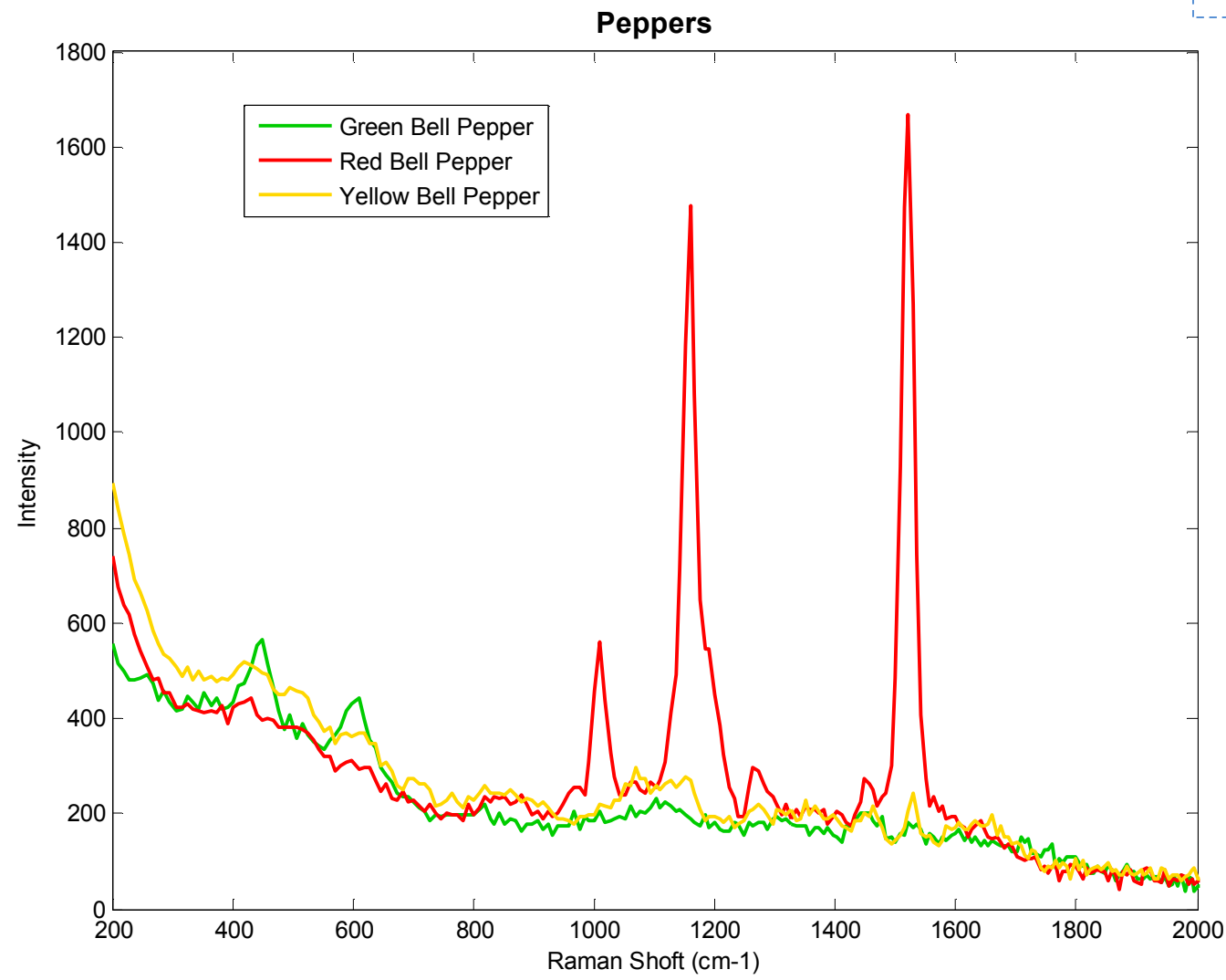
1064 excitation
400 mW
2 sec integration



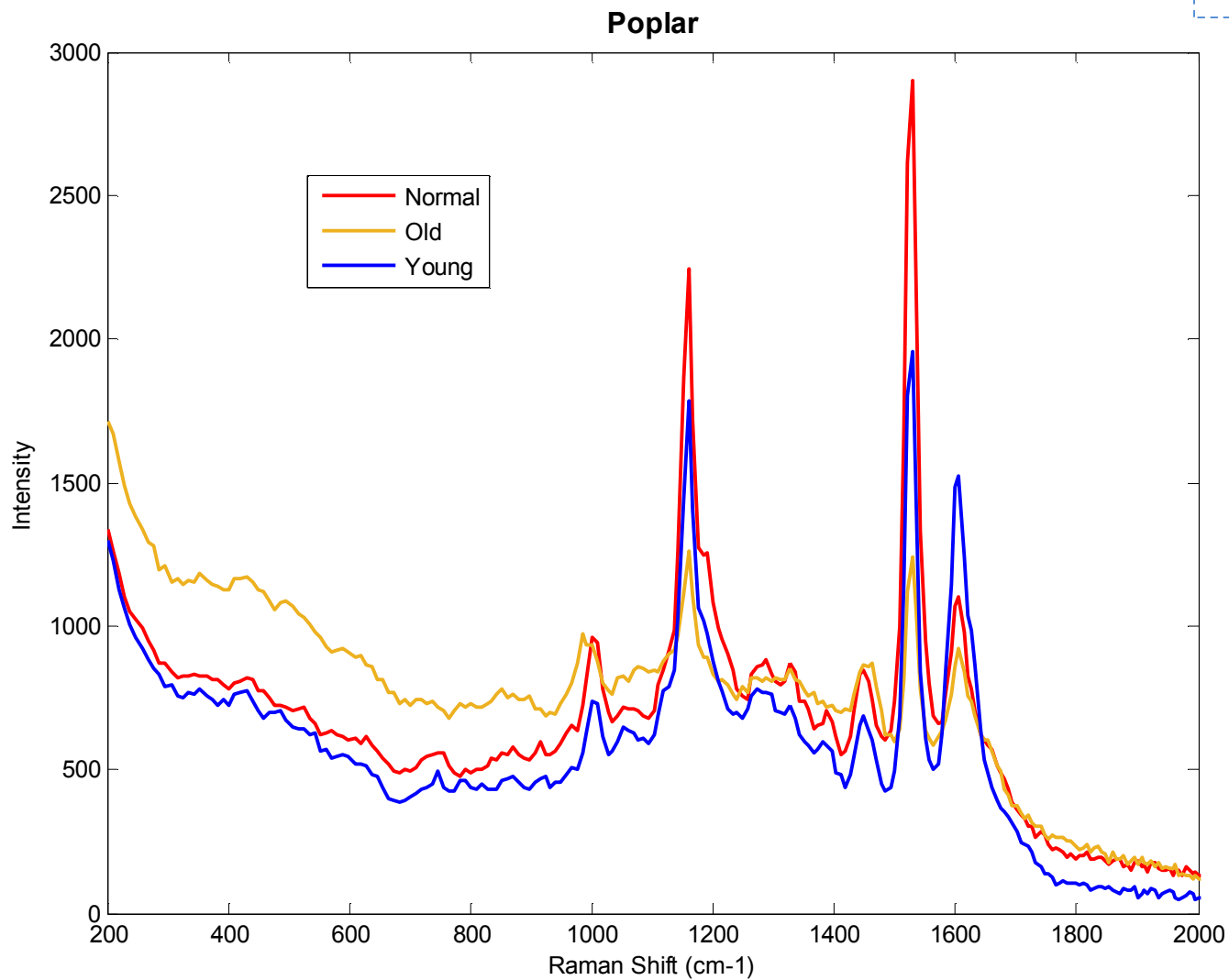
1064 excitation
400 mW
2 sec integration



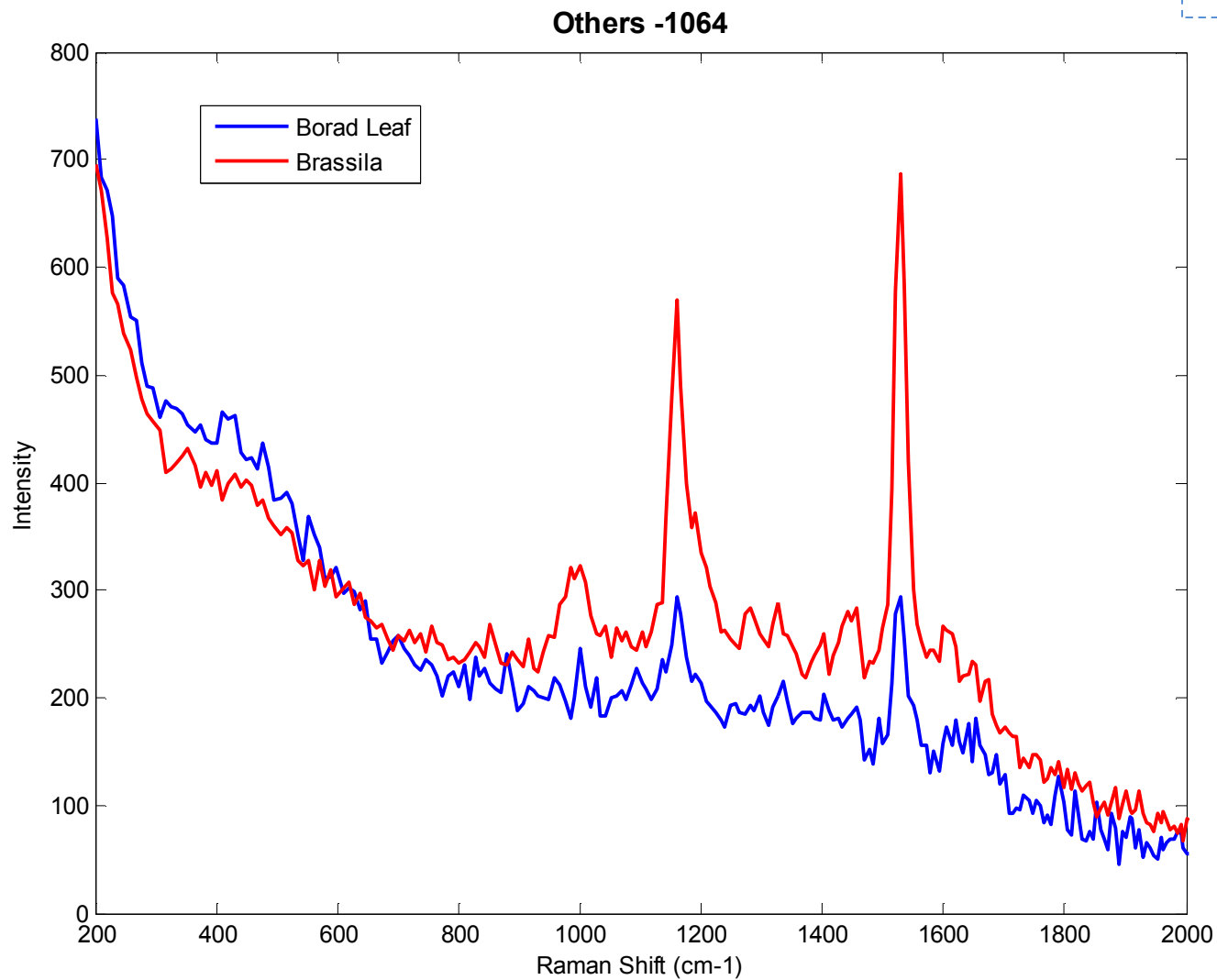
1064 excitation
400 mW
2 sec integration



1064 excitation
400 mW
2 sec integration



1064 excitation
400 mW
2 sec integration



785 excitation
250 mW
400 mW (tomato only)
2 sec integration

