**Rubric for Experiment 6: Mass Spectroscopy Exercise Chem 4524 Spring 2015**

1. **Purpose ( full sentences) \_\_\_\_/2 pts**
2. **Procedure \_\_\_\_3 pts**

\_\_\_GC-MS run conditions and instrument settings

\_\_\_ID of instrument (make/model or name),

\_\_\_thermal ramp schedule, injection volume inlet temperature,

split ratio, flow rate; wet needle inject

\_\_\_File name of stored data;

\_\_\_ unknown number,

**Observations 4 pts**

\_\_\_MSD spectra and associated Table of main m/e and counts

\_\_\_title, labels should be clear

1. **Results 16 pts**

\_\_\_\_Chem station prediction of component identities with % confidence (2 pts)

\_\_\_\_\_Tabulation of major, diagnostic m/e fragments for each identified component vs

fragment ID (14 pts)

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