**Rubric for** **Laboratory #8: drug bust scenario**

**Gas Chromatography/Mass Spectroscopy: Part 2 (GC/MS)**

**\_\_\_2 industry standard followed.** Subsections titled

**\_\_\_/3 Purpose**

**\_\_\_\_complete sentences**

**\_\_\_\_ focus on unknown determination is clear..include information related**

**to the scenario**

**\_\_\_/10 Data/Observations**

**\_\_\_ Table 1: Method parameters (see list in experiment 8 )**

**\_\_\_ Diagram of GC thermal ramp schedule**

**\_\_\_ Hard Copy of Ion count vs time (GC scan) with file address**

**\_\_\_ summary MS peak table and address**

**\_\_\_/14 Calculations and Analysis**

**\_\_\_ Table 2: component retention times vs ion count**

**\_\_\_ Table 3.4... Observed vs. NIST m/e vs intensity for assumed component ID (see page 4 “Suggested Unknown Component 1 vs NIST reference peaks..” table in write-up)**

**\_\_\_\_/24 Conclusions**

**\_\_\_retention time, ID of each component in a table 5**

**\_\_\_ ID of unknown components correct 20**

**Rubric for** **Laboratory #8: drug bust scenario**

**Gas Chromatography/Mass Spectroscopy: Part 2 (GC/MS)**

**\_\_\_2 industry standard followed.** Subsections titled

**\_\_\_/3 Purpose**

**\_\_\_\_complete sentences**

**\_\_\_\_ focus on unknown determination is clear..include information related**

**to the scenario**

**\_\_\_/10 Data/Observations**

**\_\_\_ Table 1: Method parameters (see list in experiment 8 )**

**\_\_\_ Diagram of GC thermal ramp schedule**

**\_\_\_ Hard Copy of Ion count vs time (GC scan) with file address**

**\_\_\_ summary MS peak table and address**

**\_\_\_/14 Calculations and Analysis**

**\_\_\_ Table 2: component retention times vs ion count**

**\_\_\_ Table 3.4... Observed vs. NIST m/e vs intensity for assumed component ID (see page 4 “Suggested Unknown Component 1 vs NIST reference peaks..” table in write-up)**

**\_\_\_\_/24 Conclusions**

**\_\_\_retention time, ID of each component in a table 5**

**\_\_\_ ID of unknown components correct 20**