Fixes to typos or errors of significance for Chem 201 Text
If you find others, please report them to Dr. Noble.

Chapter 19

On p 192 with the propane example, the ΔH_f° for C_3H_8 is shown as –104.7 kJ. It is actually –104.70 kJ, as given in Appendix A; this changes the sigfigs for the overall ΔH_{comb}°, which is then –2,219.18 kJ and not –2,219.2 kJ. The final answer for 1.000 g C_3H_8 on top of p 193 is still –50.33 kJ.

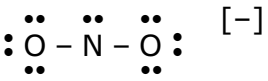
On p 195, the calculation for 1.000 g $C_{51}H_{98}O_6$ is said to give –9.35 kJ. The actual answer is –9.33 kJ.

Chapter 24

On p 252, the final configuration for Cd^{2+} is given as [Kr]5d^{10}, but that has a typo. The true configuration is [Kr]4d^{10}.

Chapter 27

On p 282, the Lewis structure for NO_2^- is done. In Step 4, a lone pair is missing at the bottom of the left oxygen. The structure should be as follows.



This structure is still not the final answer, but only a correction to the one shown in Step 4.