

Analytical Chemistry
Problem Set 5—due Monday, March 14, 2005 (at 5 p.m.)

Note: I will be at the American Chemical Society Meeting in San Diego when this problem set is due. You should turn this in to Rob Rossi (his office is at the end of the Chemistry Professor's Row).

1. (4 points) Harris 18-3
2. (5 points) Harris 18-12
3. (4 points) Harris 18-18
4. (10 points) Harris 18-19. Note that you should assume that the concentrations of unknown nitrite are the same in solutions B and C.
5. (5 points) Harris 21-13. Fill in the table only for Br, and as Harris asks, explain why Br is not readily detected either by atomic absorption or atomic emission. Regarding absorption, think about what we talked about in class.