

$$R_x = \left[\frac{\text{area } m_1/z}{1} \right], \text{ at the retention time of the pollutant (RT}_2\text{)}.$$

$$R_y = \left[\frac{1}{\text{area } m_2/z} \right], \text{ at the retention time of the labeled compound (RT}_1\text{)}.$$

$$R_m = \left[\frac{\text{area at } m_1/z \text{ (at RT}_2\text{)}}{\text{area at } m_2/z \text{ (at RT}_1\text{)}} \right], \text{ as measured in the mixture of the pollutant and labeled compounds (Figure 2), and RR} = R_m.$$