Correction to the article entitled "Complexes of Iron(II) with Cysteine-Containing Peptides in the Gas Phase" by O. V. Nemirovskiy and M. L. Gross. *J. Am. Soc. Mass Spectrom.* **1996**, 7, 977-980.

In the September issue of the *Journal of the American Society for Mass Spectrometry*, an incorrect version of Figure 1D in the above article was published. The spectrum in this figure is not of $[\text{GCACL} - \text{H}]\text{Fe}^+$, m/z 520, but of the m/z 519 ion. This m/z 519 ion was mistakenly selected for CAD studies. The ion was abundant in the full-scan FAB spectrum of the matrix (Gly/Thiogly/ $\text{Fe}(\text{NO}_3)_2$) that was used to obtain all of the spectra reported in the article, including that in Figure 1D. The CAD spectrum of the matrix contains an abundant m/z 305 ion, which was assigned as m/z 306 and identified as the internal ion shown in Scheme II.

The correct spectrum of $[\text{GCACL} - \text{H}]\text{Fe}^+$ is given below. As expected for the iron/peptide interactions, product ions $(a_2 - 2\text{H} + \text{Fe})^+$ and $(a_4 - 2\text{H} + \text{Fe})^+$ are seen. No internal ion is detectable, and the mechanism in Scheme II is not applicable to the fragmentation of this system.

We acknowledge Dr. Julie Leary for pointing out the inconsistency between the calculated and reported m/z values for the precursor and product ions for the published Figure 1D.

Figure 1. The CAD spectrum of cysteine-containing pentapeptide, desorbed as $[\text{M} - \text{H} + \text{Fe}]^+$ complex of (D) GCACL (m/z 520).