Correction to the article entitled "The Critical Evaluation of a Comprehensive Mass Spectral Library," by P. Ausloos et al., *J. Am. Soc. Mass Spectrom.* **1999**, *10*, 287–299.

The chemical name and spectrum in Figure 1 were inconsistent with the chemical structure. This discrepancy led to the deletion of a mass spectral peak at m/z 43 that was actually a logical fragmentation peak for the compound given by chemical name, although deletion of this peak was appropriate for the chemical structure shown. We therefore wish to replace Figure 1 in this article with the illustration of peak deletion given below. We also wish to note that this error was made in a search for examples during the preparation of the manuscript, not during the evaluation process, and could not have occurred using the evaluation methods described in the article.

Figure 1. The original spectrum, shown on the top, had a large peak at m/z 43. This did not correspond to a fragment that logically could be formed in large relative abundance by the compound. Peaks below m/z 50 were removed after comparisons to related compounds indicated that these peaks likely arose from contaminants.