

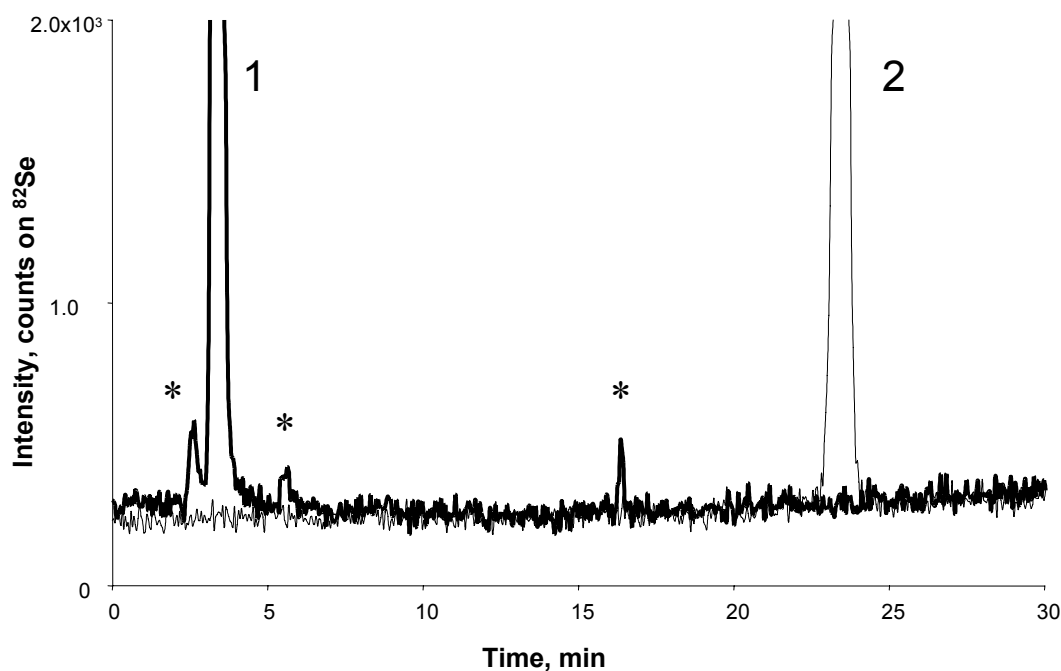
Electronic Supplementary Information (ESI) for the article entitled:

***Characterization of the selenocysteine-containing metabolome in selenium-rich yeast
Part II. On the reliability of the quantitative determination of selenocysteine***

by Mihaly Dernovics and Ryszard Lobinski*

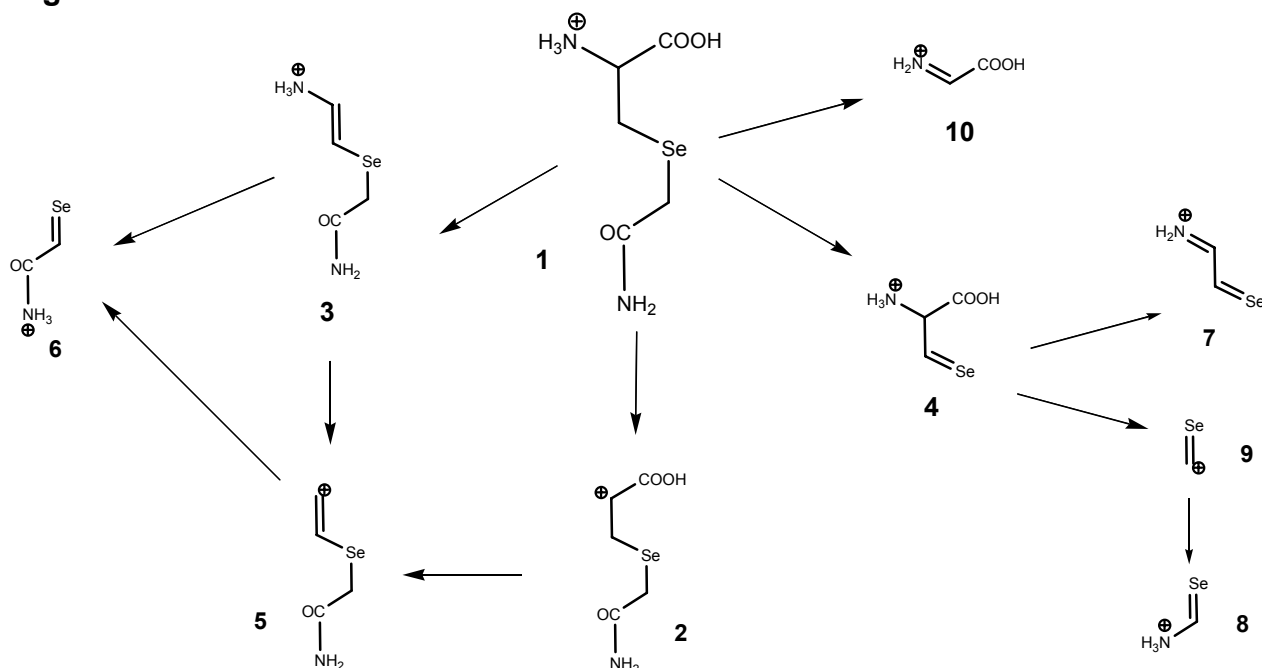
Published in the Journal of Analytical Atomic Spectrometry, DOI: 10.1039/b716140a

ESI Fig. 1



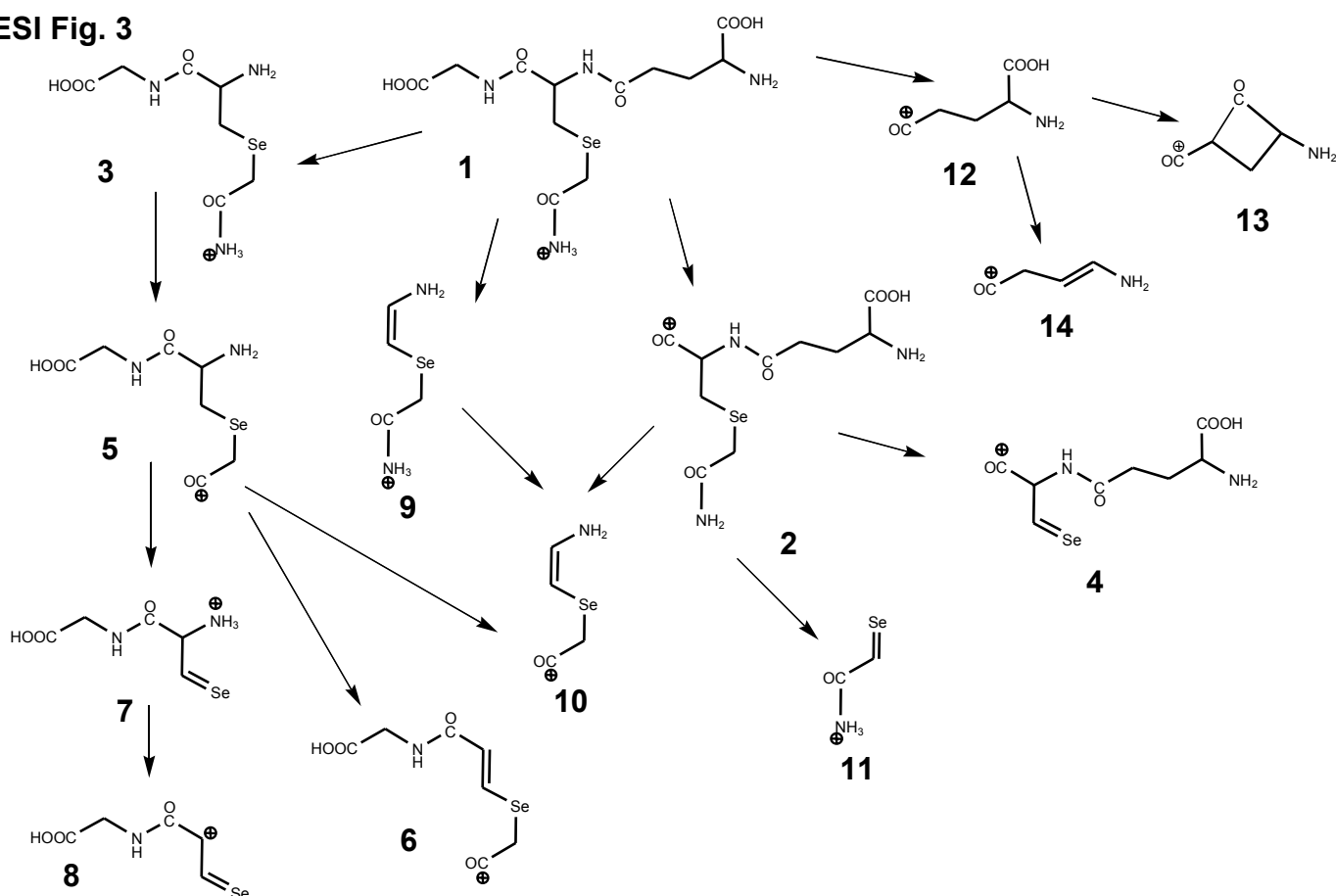
ESI Fig. 1 SCX-HPLC ICP-MS chromatograms of Se-standards and compounds. 1: newly synthesized compound, 2: SeCys₂ (injected separately). This magnified chromatogram shows with asterisks the Se-containing by-products in low concentration.

ESI Fig. 2



ESI Fig. 2 . Proposed fragmentation pathways of CAM-SeCys. For all accurate mass information see Table 2. The arrows refer to the putative lineage of ions observed in MS/MS experiments.

ESI Fig. 3



ESI Fig. 3 Proposed fragmentation pathways of carbamidomethyl-selenoglutathione. For all accurate mass information see Table 3. The arrows refer to the putative lineage of ions observed in MS/MS experiments.