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# BOOK REVIEW

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## A Review of *An Eight Peak Index of Mass Spectra of Compounds of Forensic Interest*

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**REFERENCE:** Ardrey, R. E., Brown, C., Allan, A. R., Bal, T. S., and Moffat, A. C., *An Eight Peak Index of Mass Spectra of Compounds of Forensic Interest*, Scottish Academic Press, 33 Montgomery St., Edinburgh EH7 5JX, U.K., 1983, 281 pp., $62.50.

This index consists of 3687 eight-peak abbreviated spectra from 2787 compounds, which may be encountered during mass spectral analysis of forensic science samples. The collection was compiled at the Central Research Establishment, Aldermaston, U.K. with the help of forensic science laboratories worldwide.

Three color-coded listings of the eight-peak spectra are provided. The first is arranged in alphabetical order of compound name; the second is arranged in ascending order of compound molecular weight; and the third is indexed under both the base peak and the second most intense peak of the eight peak spectra. The majority of spectra presented were obtained using magnetic sector instruments with 70-eV electron energy. However, with this "caveat" in mind, the index is still of great assistance in attempting to identify spectra from a quadrupole mass spectrometer. Intensity data of the spectral peaks is not included in the index, therefore, confirmation of the identity of analytes should be from comparison of a standard spectra.

The great number of spectra presented and the ease of searching the spectra listings make this book a valuable reference work for all forensic science laboratories.

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