

## *MS Geochemicals Petrochemicals Biomarkers*

**J. W. de Leeuw**  
*Netherlands Institute of Sea Research  
Texel, The Netherlands*

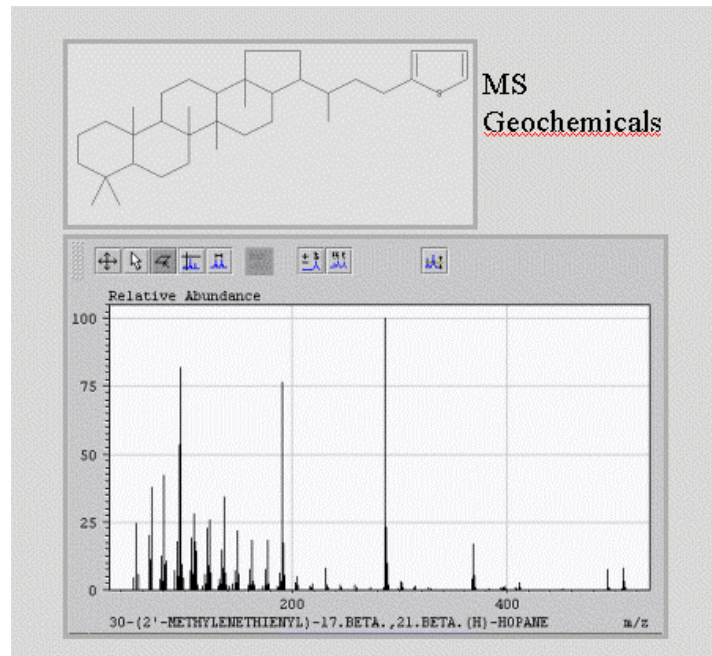
This reference collection contains 1,100 mass spectra of well-defined compounds. The spectra have been measured by J. W. de Leeuw's group in the Department of Marine Biogeochemistry at the Netherlands Institute of Sea Research (NIOZ). The substances have been carefully isolated and purified. Chemical structures have been elucidated, if necessary, by a variety of techniques, including NMR spectroscopy and single-crystal X-ray structure analysis.

The spectra were collected during extensive project on the occurrence of resistant biomacromolecules and lipids in sedimentary organic matter, and mechanisms of fossil fuel generation as well as the chemistry of organic sulphur in the geosphere.

This comprehensive collection covers a wide range of components relevant to the geo- and petrochemical fields. Substance classes include saturated, unsaturated and aromatic hydrocarbons, aromatic and non-aromatic sulphur and oxygen compounds, terpenes, steroids and their degradation products.

In addition to the electron impact spectrum, the following information is available:

- Chemical structure
- Chemical name
- Molecular formula
- Molecular weight (Nominal mass)
- Base peak
- Reference
- Measurement condition



### Key Features:

- Search by structure and substructure
- Search by spectrum
- Search by various spectral features
- Quality controlled

### Availability:

- JCAMP DX
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### Ordering Information:

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