Beta cleavage in mass spectrometry is a characteristic fragmentation of the molecular ion derived from some organic compounds, most notably alcohols, ethers, and amines, in which the bond connecting alpha- and beta-carbons break.

eg:

```
\[ \text{homolytic beta cleavage:} \]
```

```
\[ \text{heterolytic beta cleavage:} \]
```

see alpha cleavage

Contributors

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