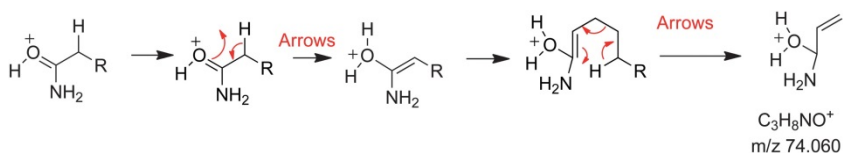
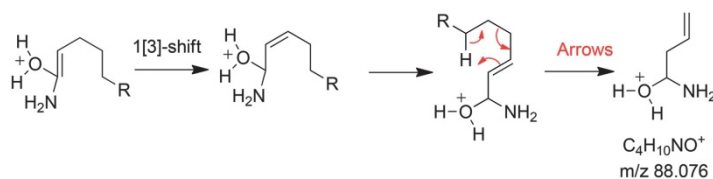


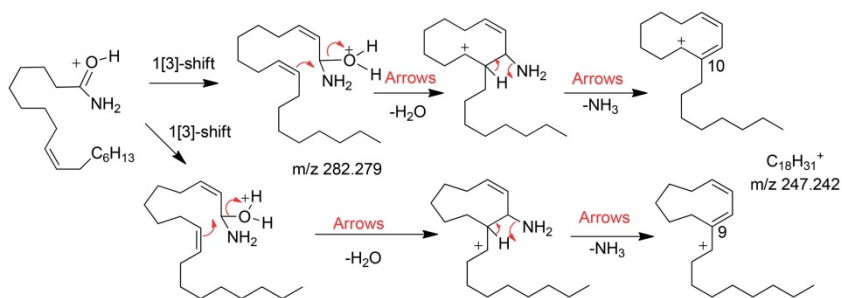
Figures and Schemes from Chapter 3: *Fatty Acyl Esters and Amides* are available in colour for readers of the print copy.



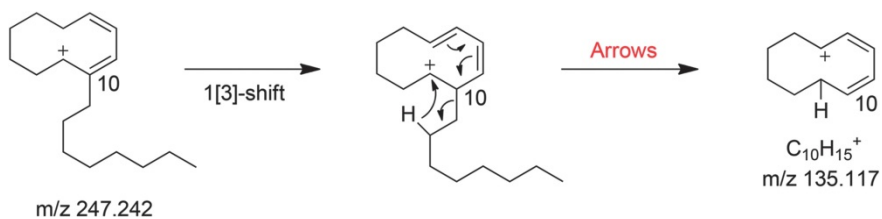
Scheme 3.1



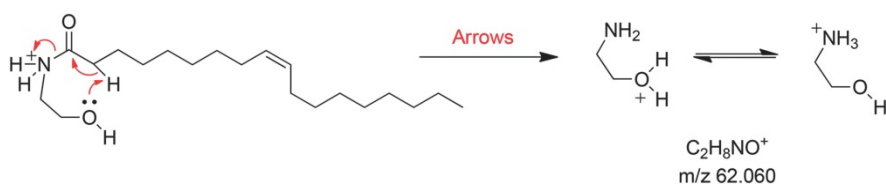
Scheme 3.2



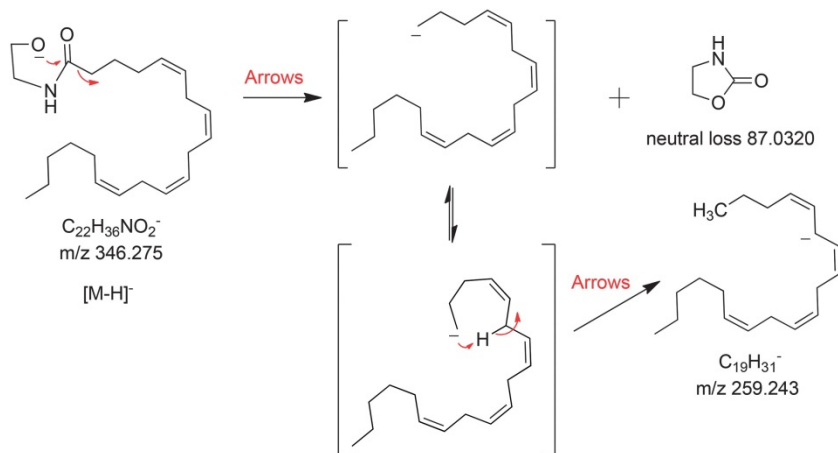
Scheme 3.3



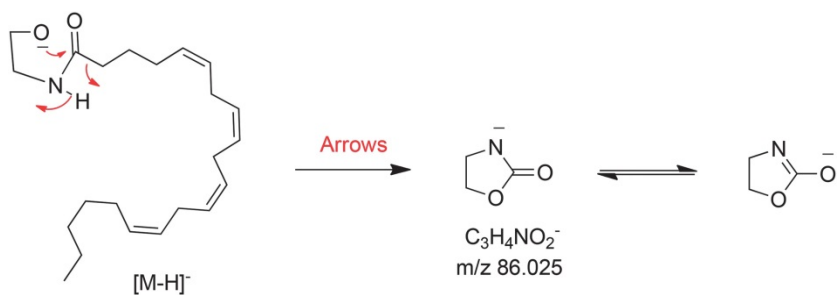
Scheme 3.4



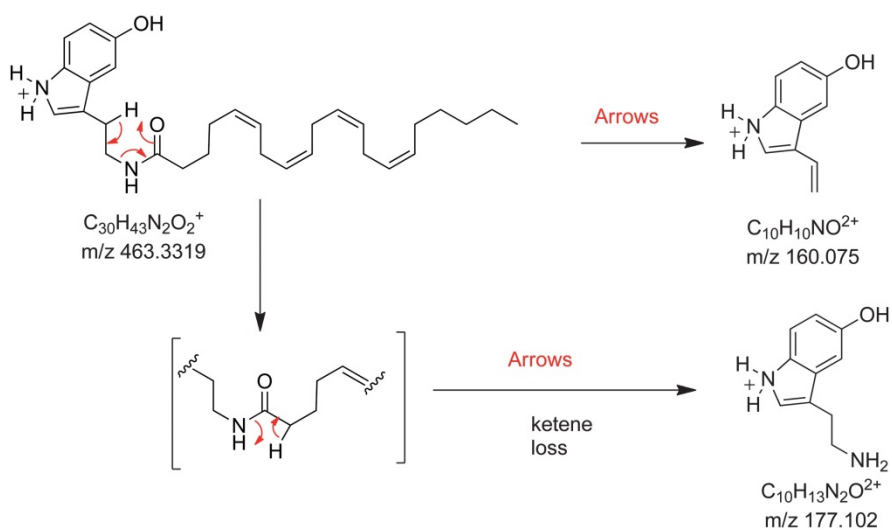
Scheme 3.5



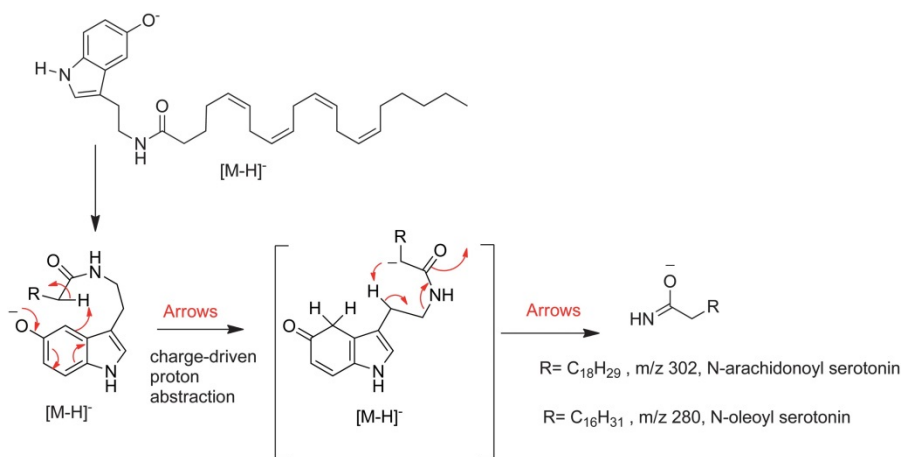
Scheme 3.7



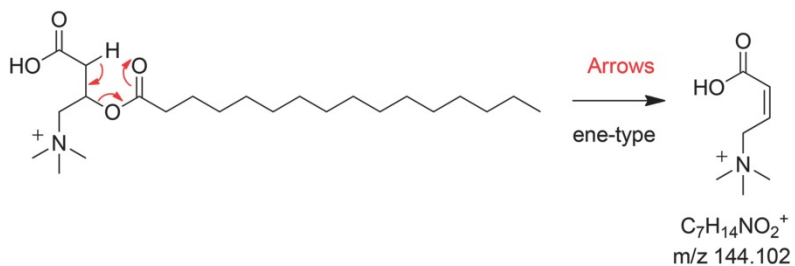
Scheme 3.8



Scheme 3.10



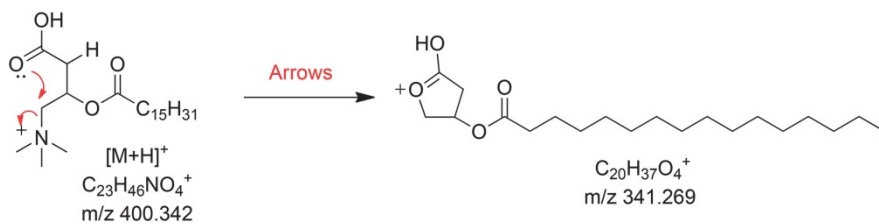
Scheme 3.11



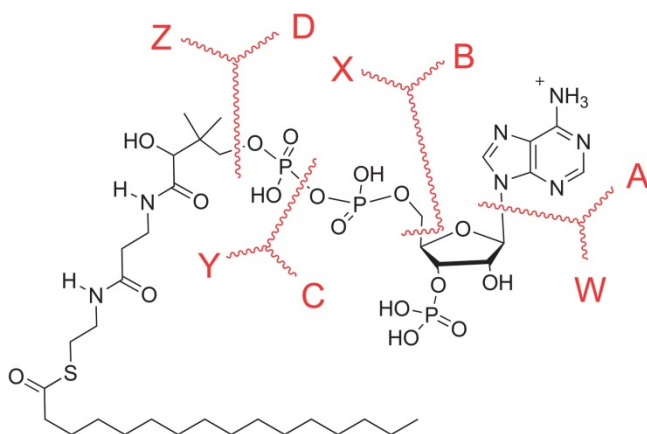
Scheme 3.13



Scheme 3.14



Scheme 3.15



Scheme 3.16

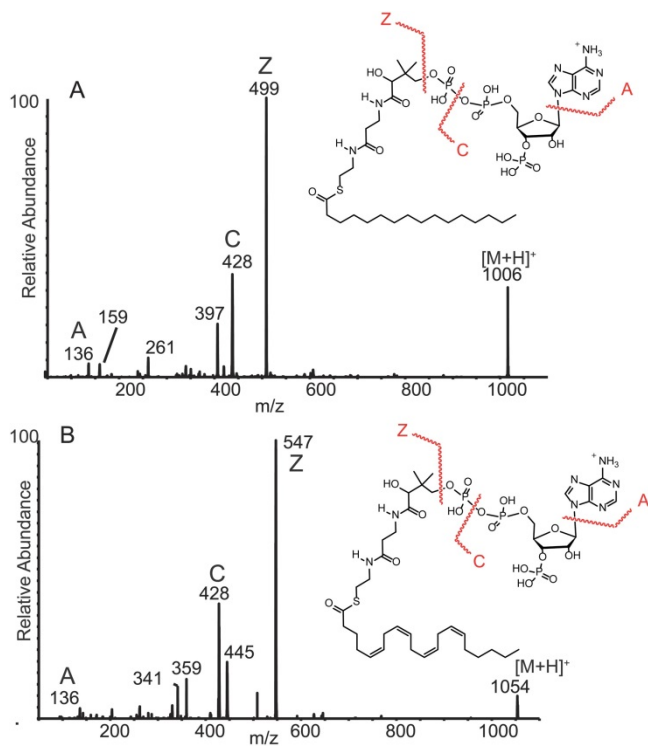


Figure 3.7 Electrospray ionization (positive ions) and tandem mass spectrometry of fatty acyl CoA thioesters. (A) Product ions obtained following collisional activation of palmitoyl CoA thioester $[M + H]^+$ at m/z 1006; (B) product ions obtained following collisional activation of arachidonoyl CoA thioester $[M + H]^+$ at m/z 1054. These MS/MS spectra were obtained using a tandem quadrupole mass spectrometer.

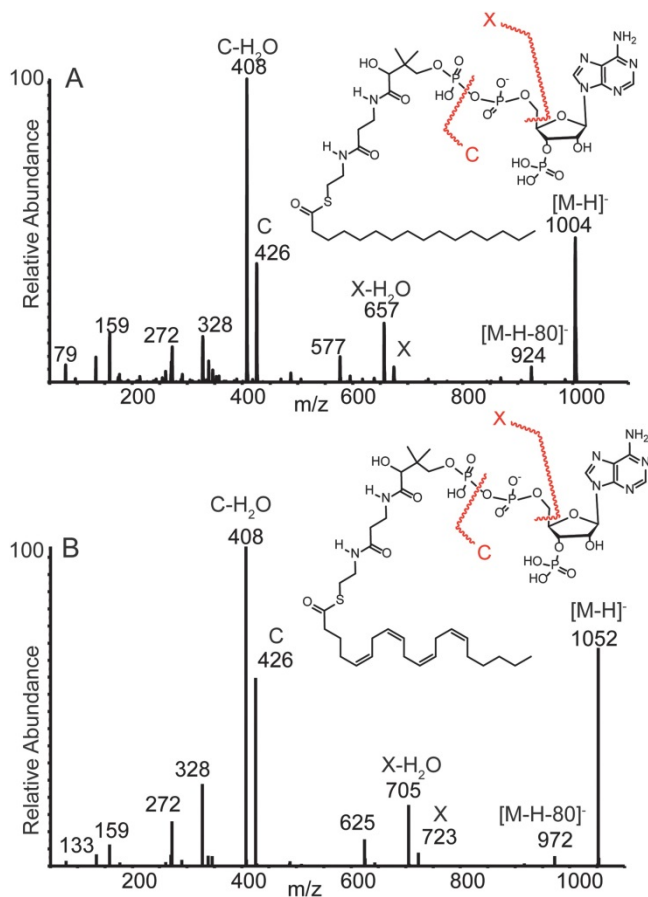
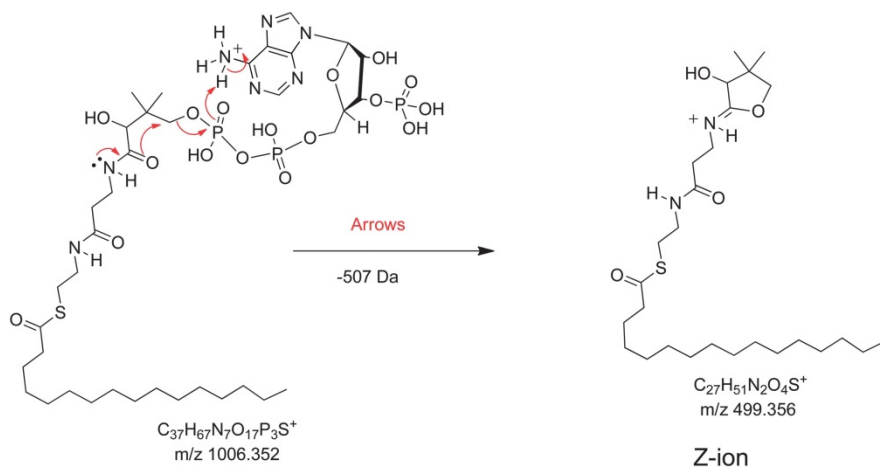
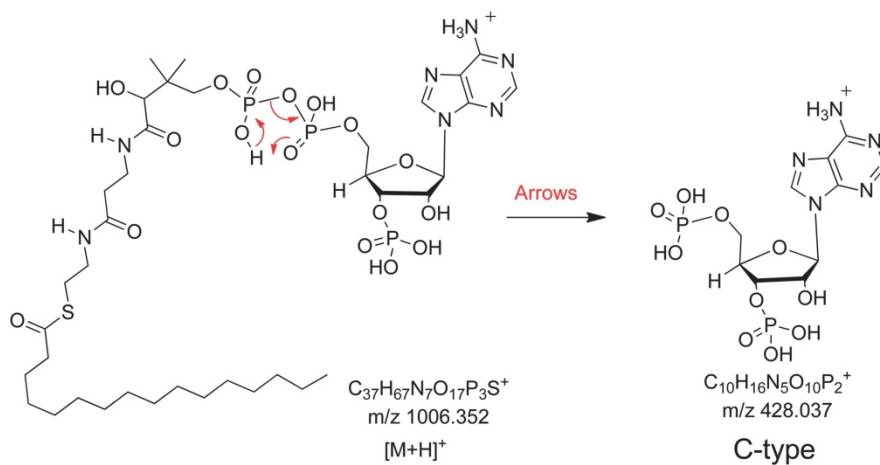


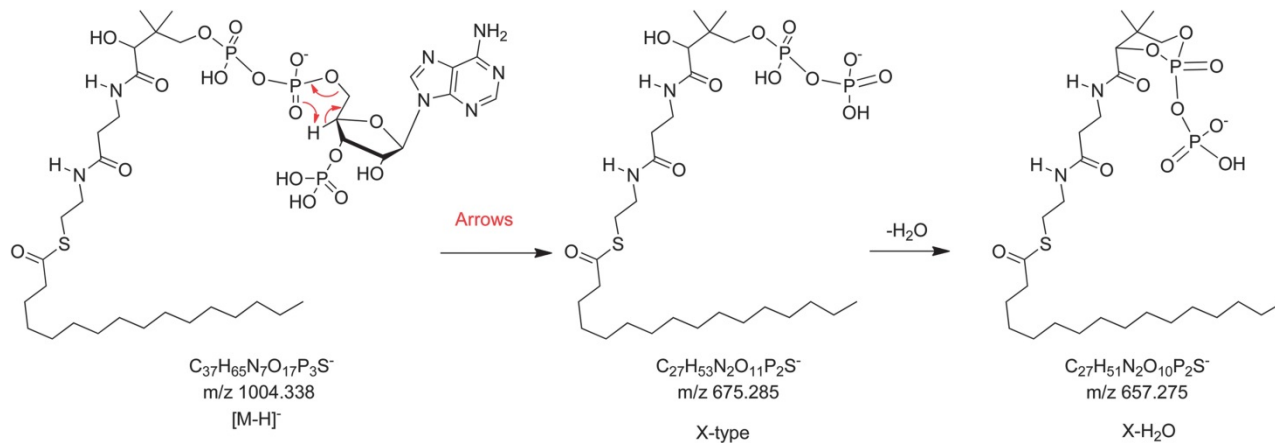
Figure 3.8 Electrospray ionization (negative ions) and tandem mass spectrometry of fatty acyl CoA thioesters. (A) Product ions obtained following collisional activation of palmitoyl CoA thioester [M - H]⁻ at m/z 1004; (B) product ions obtained following collisional activation of arachidonoyl CoA thioester [M - H]⁻ at m/z 1052. These MS/MS spectra were obtained using a tandem quadrupole mass spectrometer.



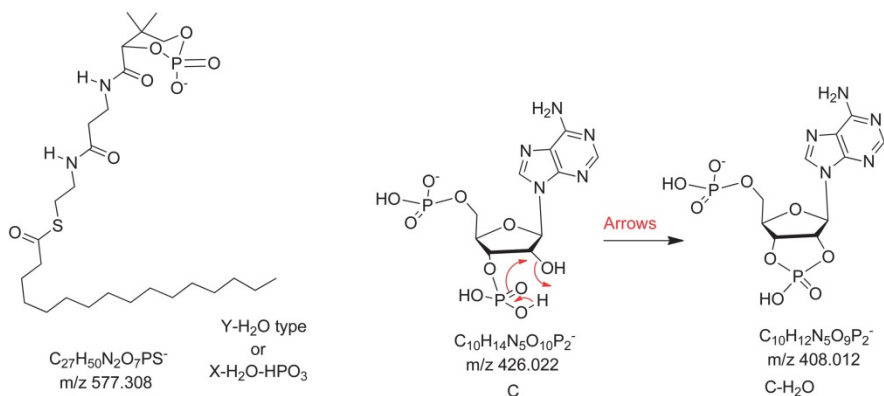
Scheme 3.17



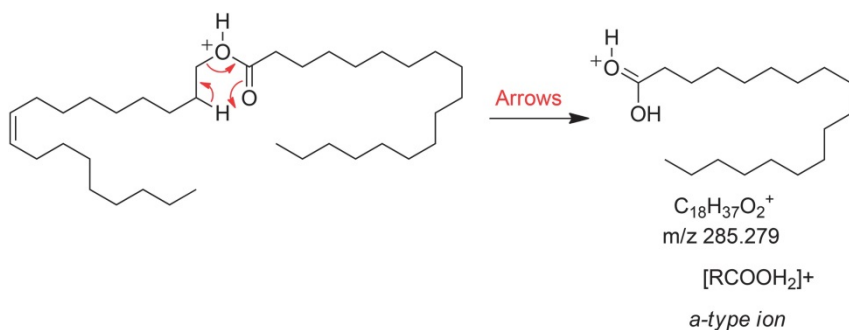
Scheme 3.18



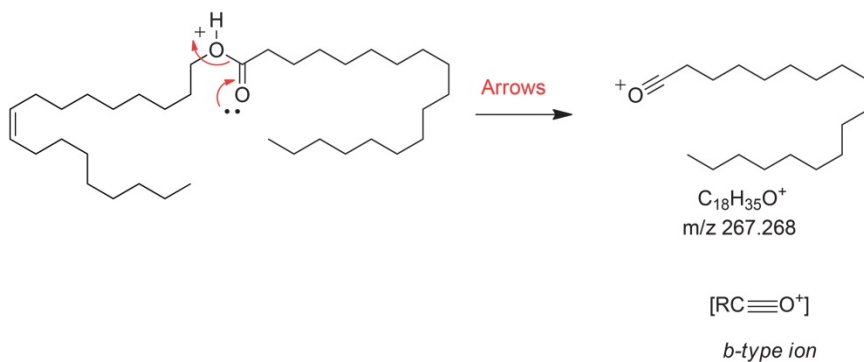
Scheme 3.19



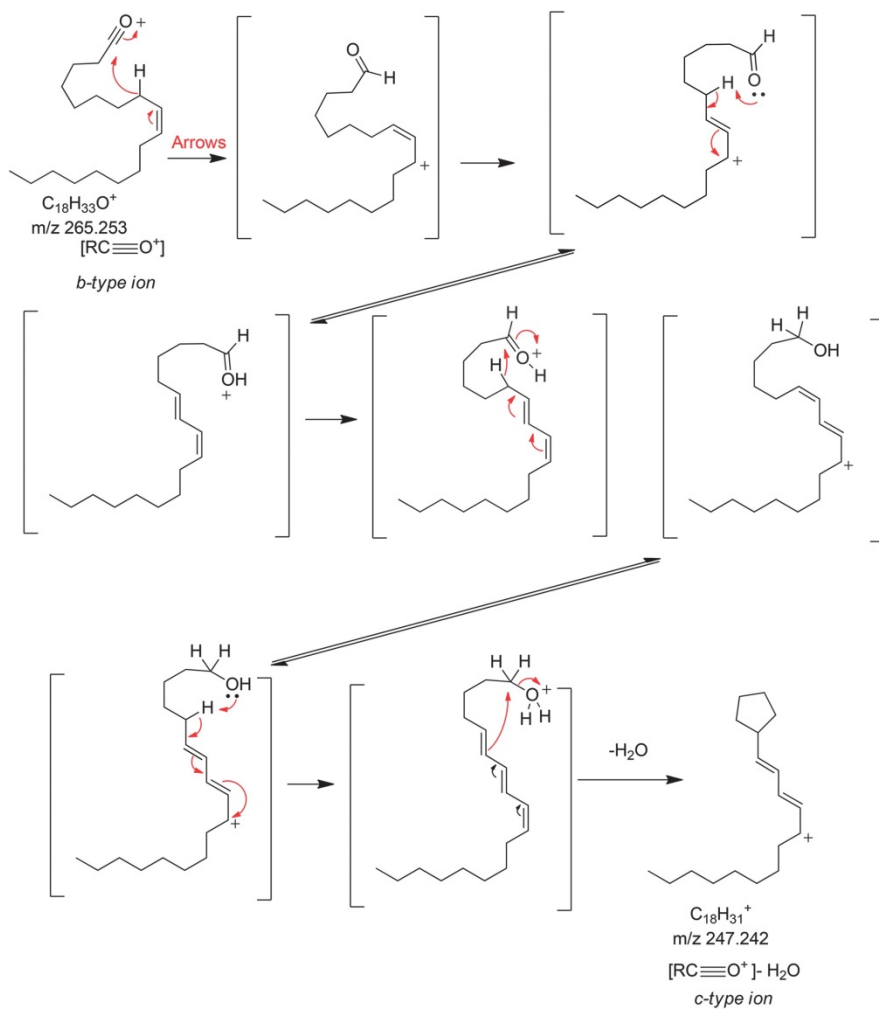
Scheme 3.20



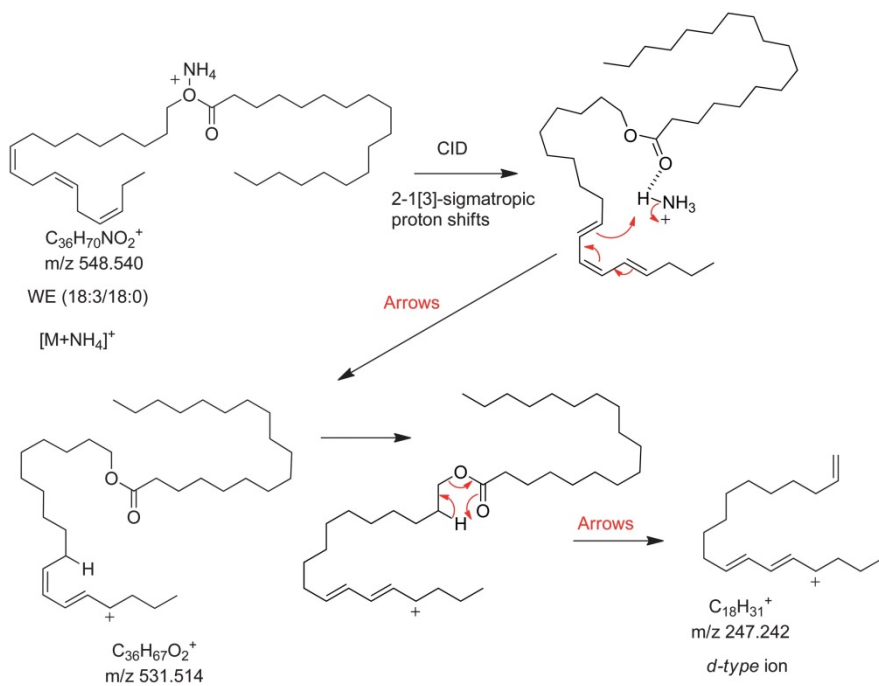
Scheme 3.22



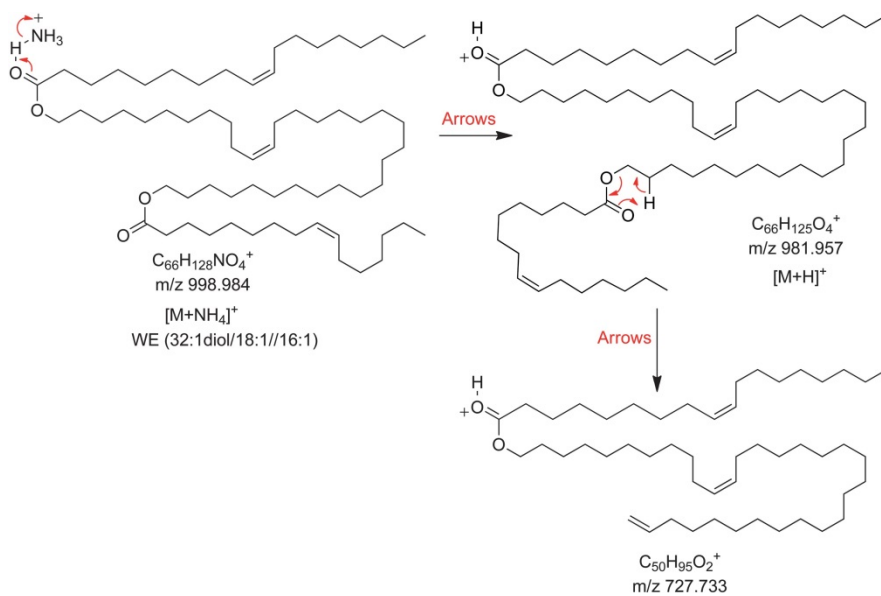
Scheme 3.23



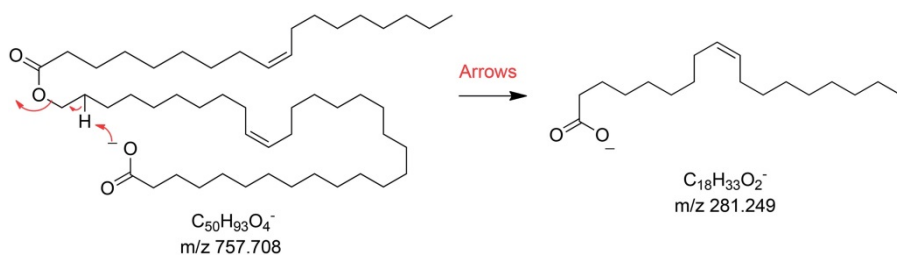
Scheme 3.24



Scheme 3.25

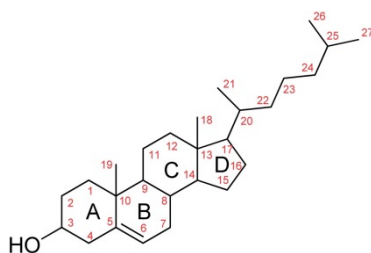


Scheme 3.26

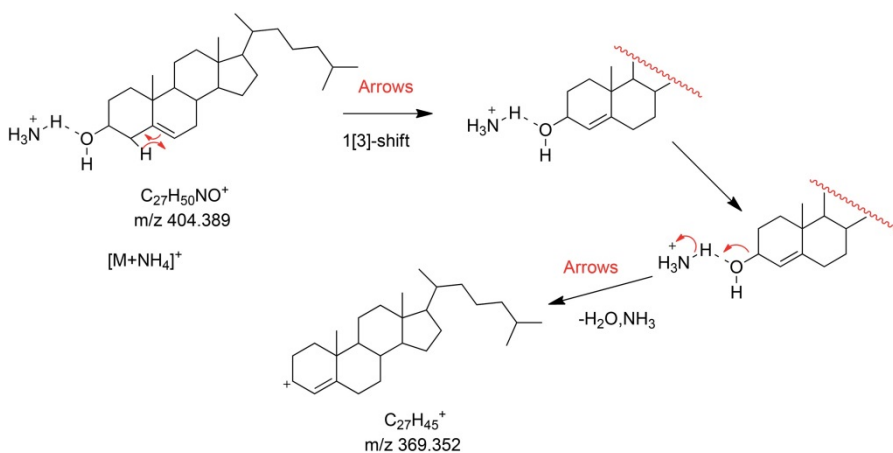


Scheme 3.27

Figures and Schemes from Chapter 7: *Steroids* are available in colour for readers of the print copy.



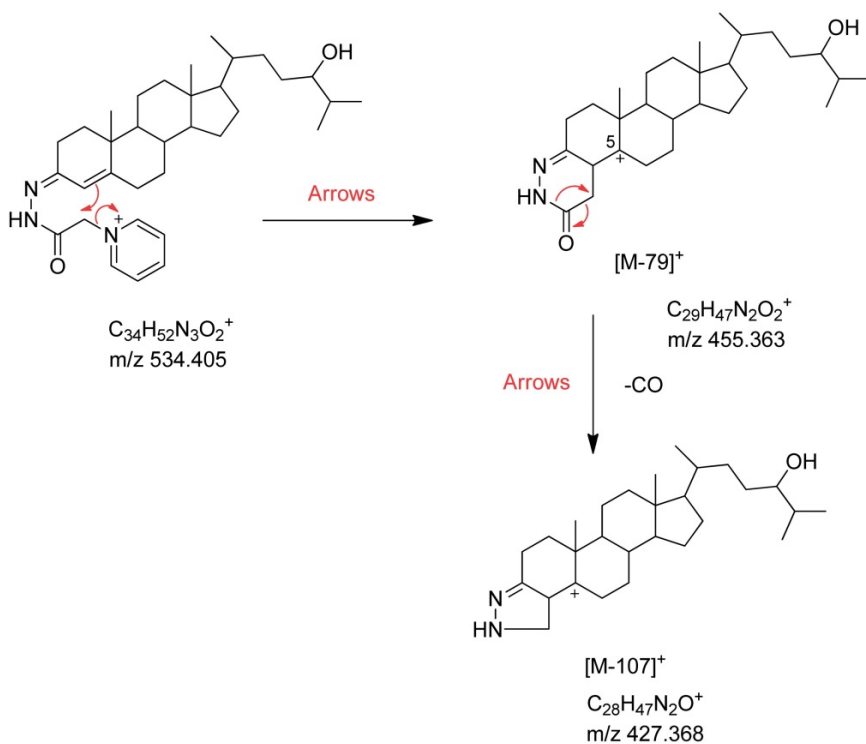
Scheme 7.1



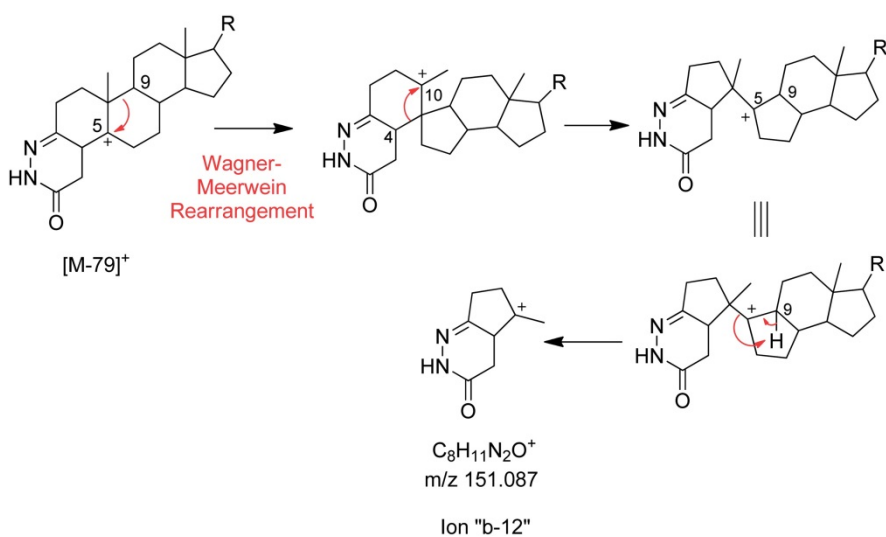
Scheme 7.2

Supplementary information for *Tandem Mass Spectrometry of Lipids: Molecular Analysis of Complex Lipids*

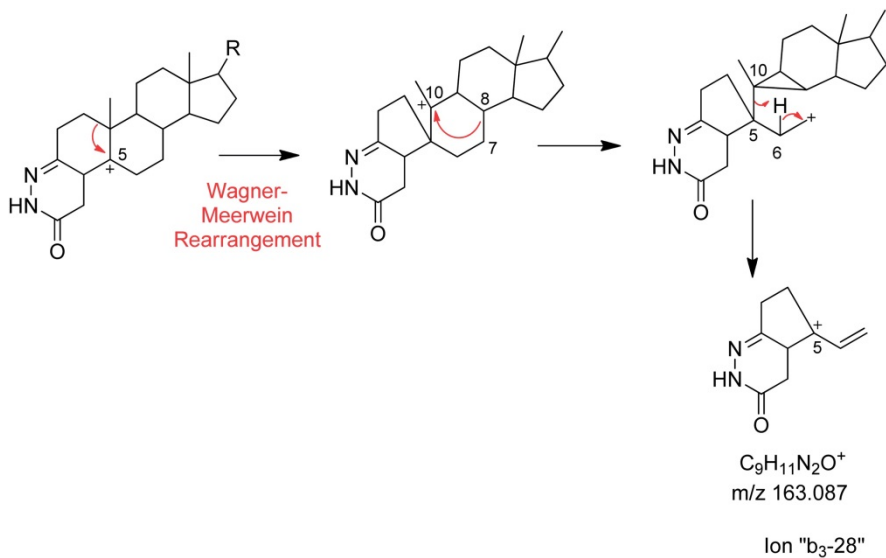
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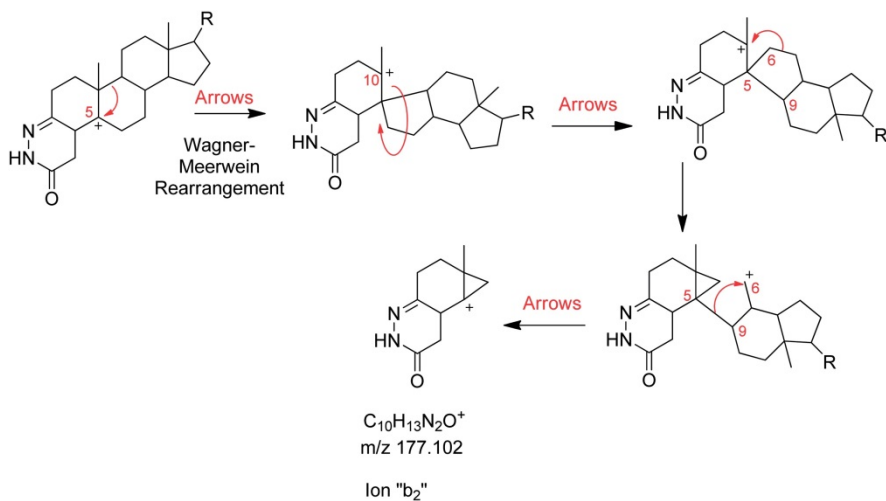
Scheme 7.4



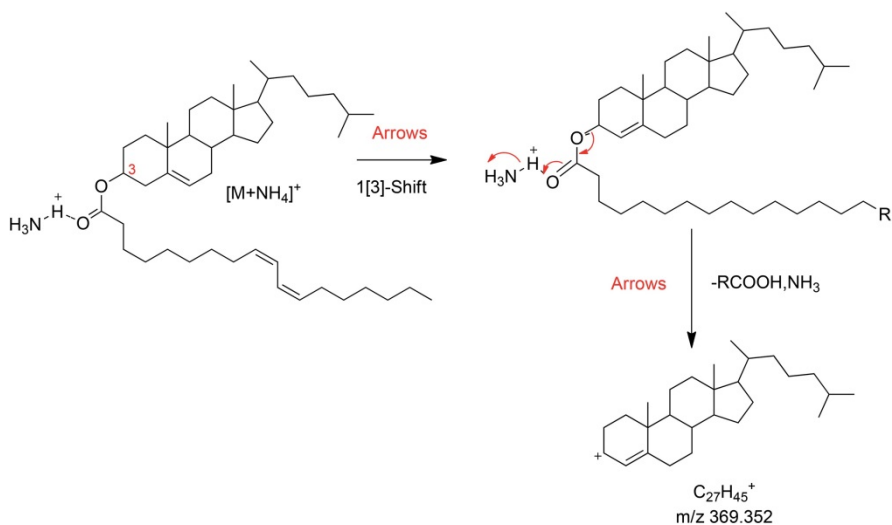
Scheme 7.5



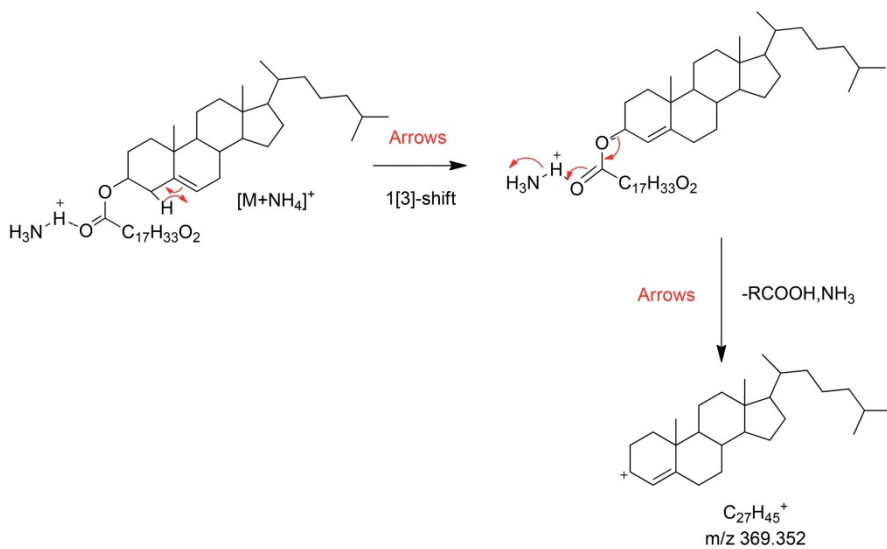
Scheme 7.6



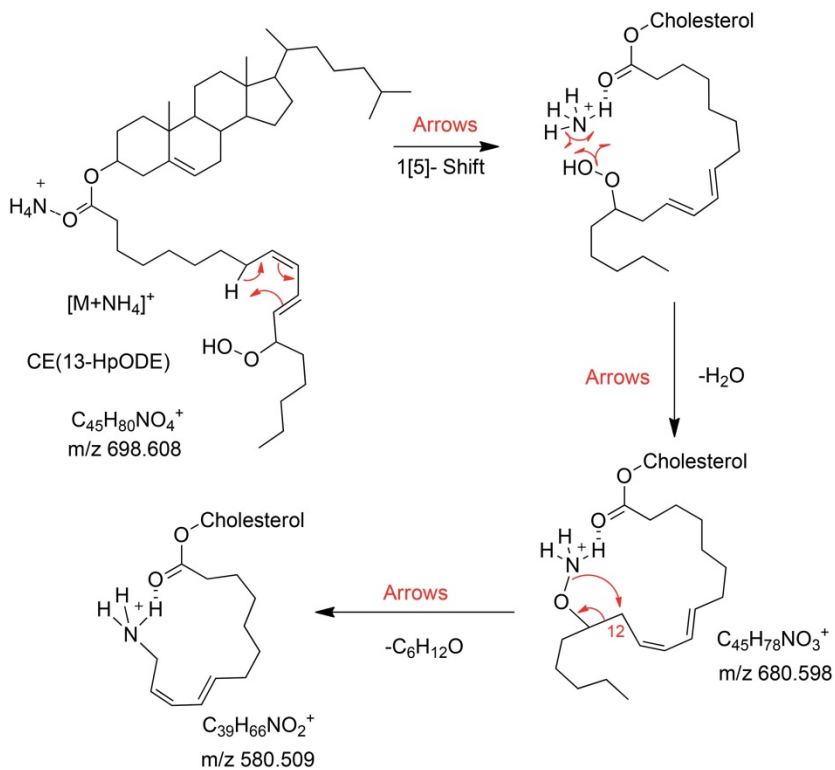
Scheme 7.7



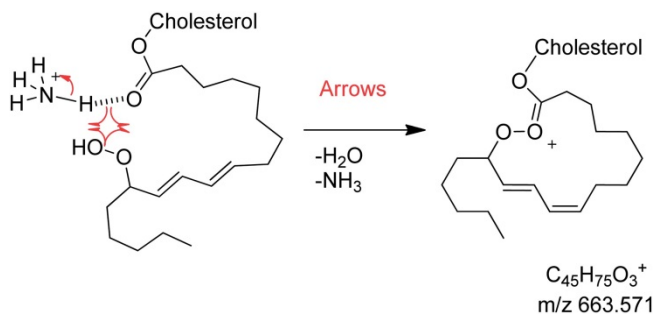
Scheme 7.8



Scheme 7.9

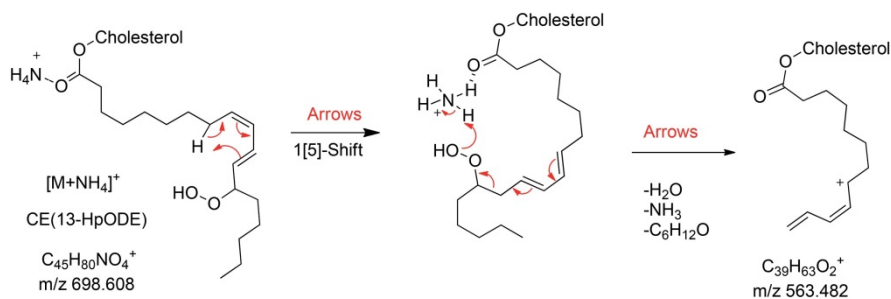


Scheme 7.10

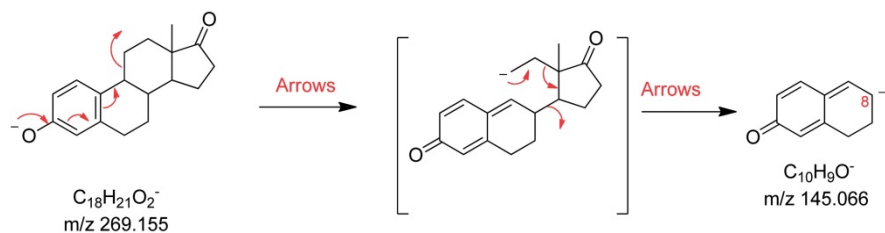


Scheme 7.11

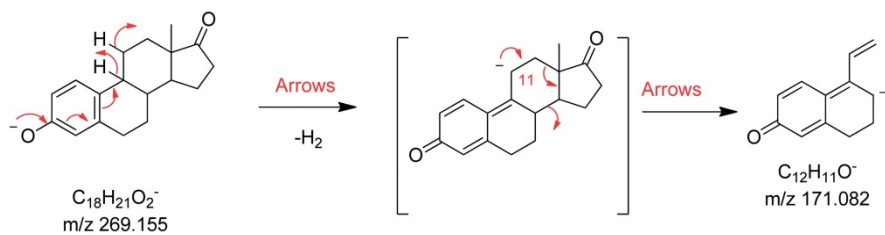
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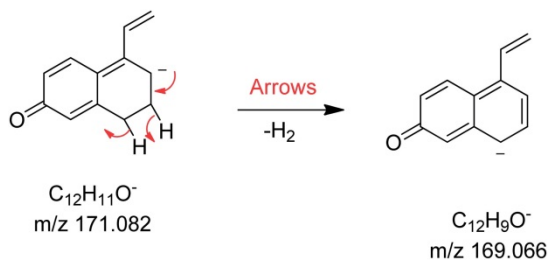
Scheme 7.12



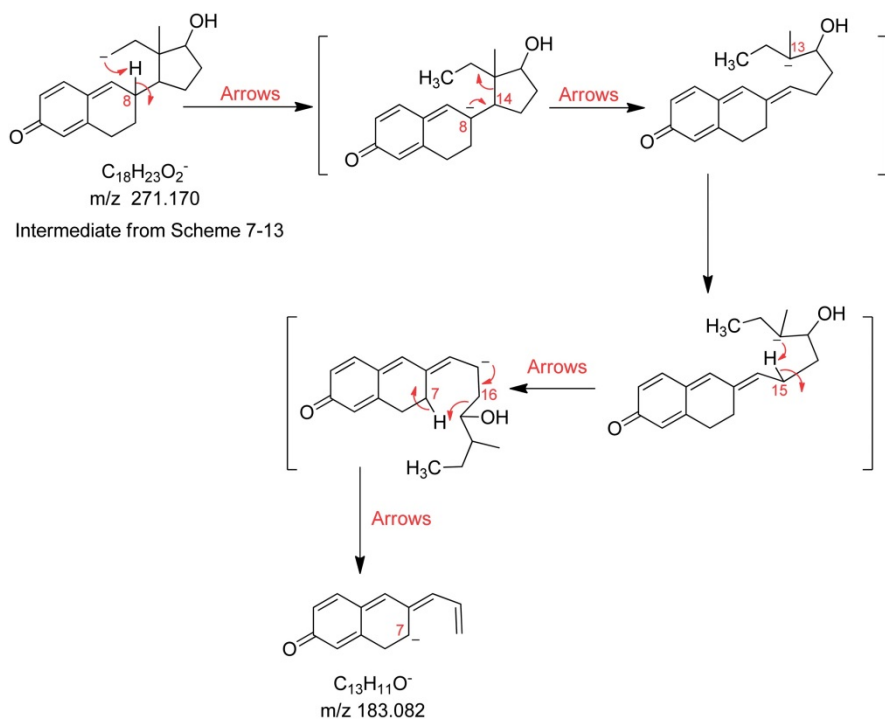
Scheme 7.13



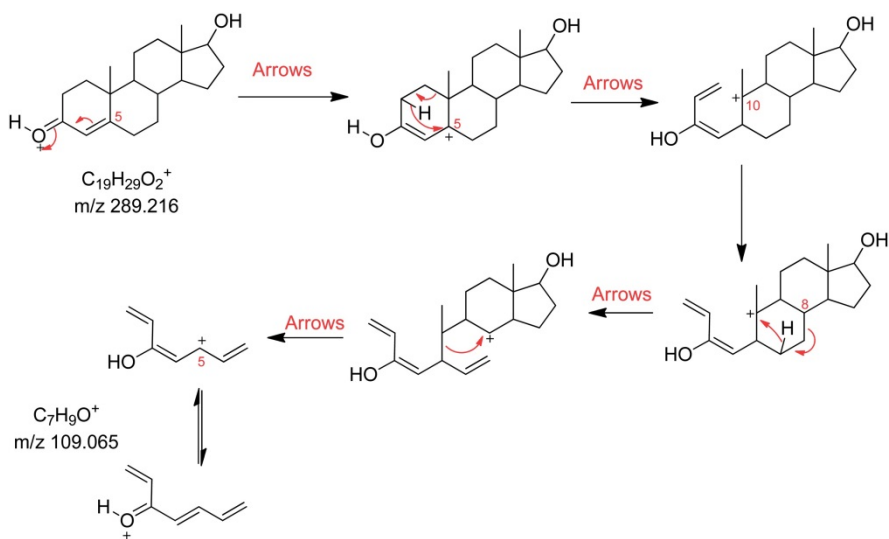
Scheme 7.14



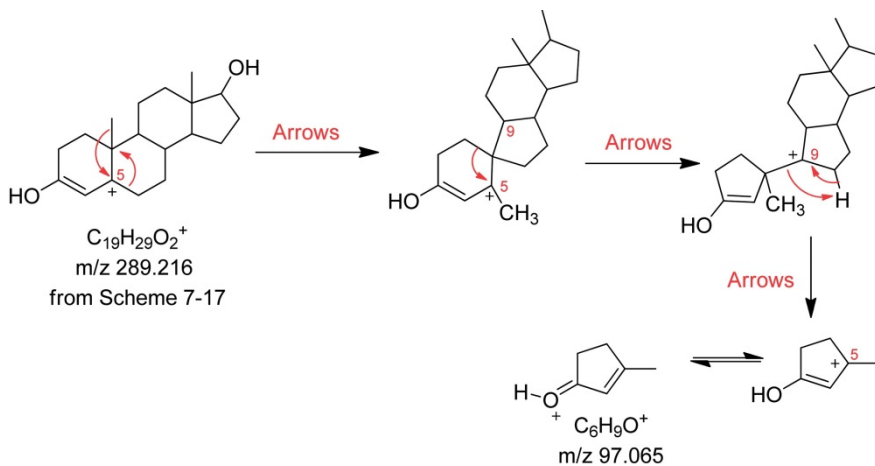
Scheme 7.15



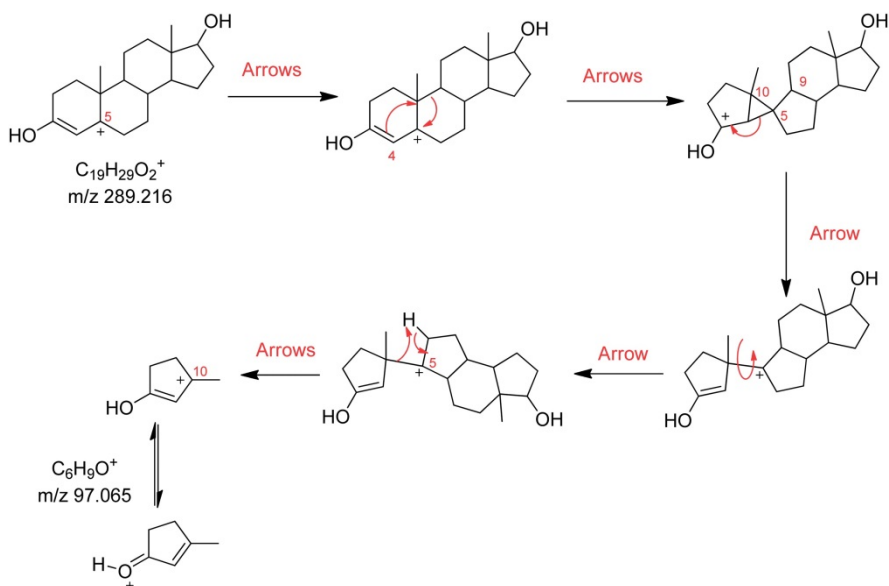
Scheme 7.16



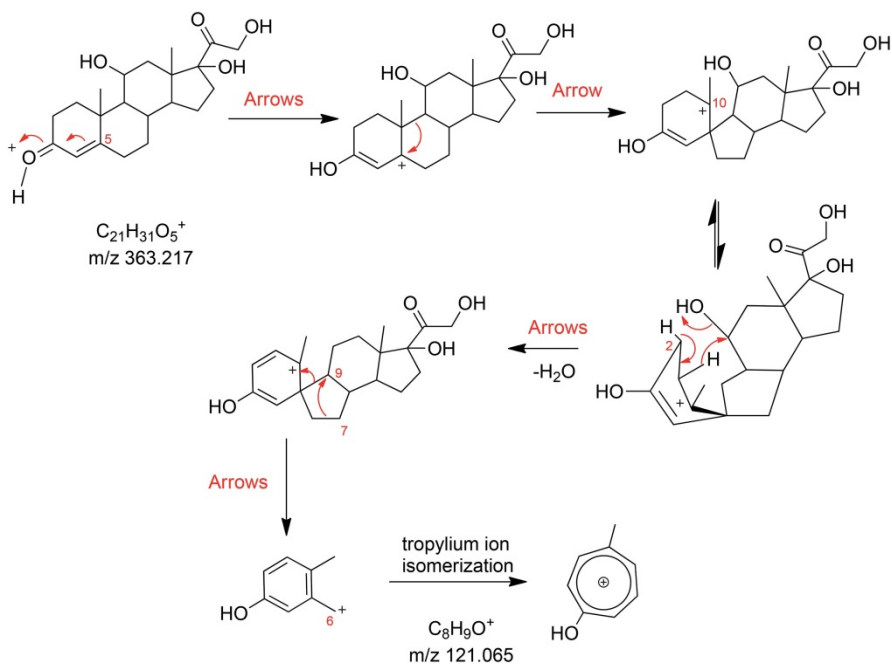
Scheme 7.17



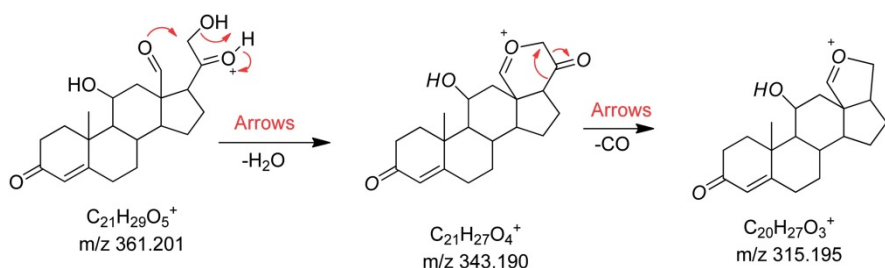
Scheme 7.18



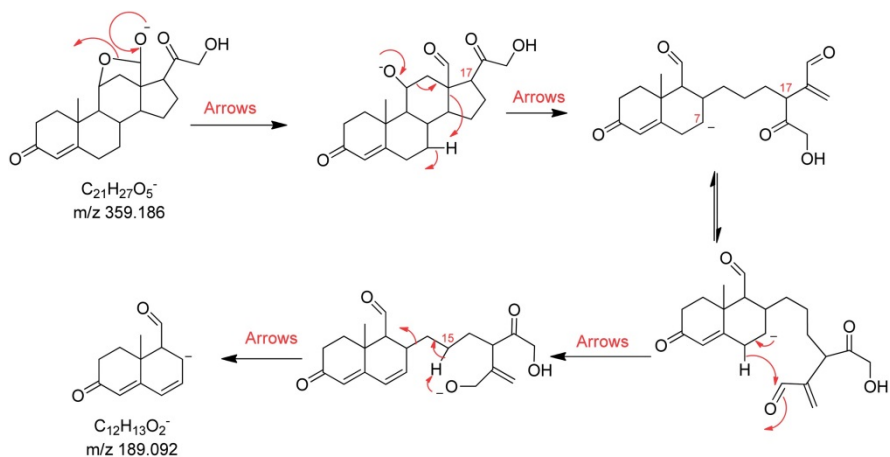
Scheme 7.19



Scheme 7.20



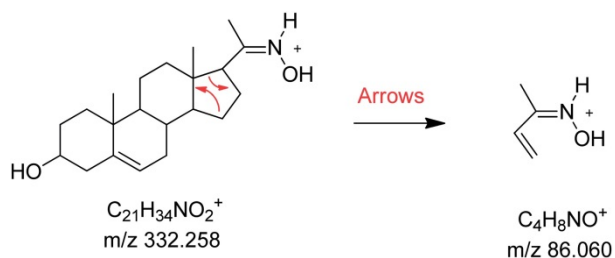
Scheme 7.21



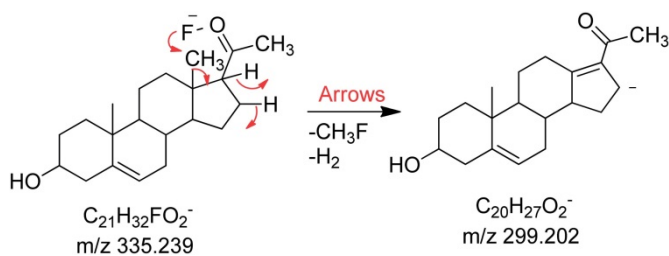
Scheme 7.22

Supplementary information for *Tandem Mass Spectrometry of Lipids: Molecular Analysis of Complex Lipids*

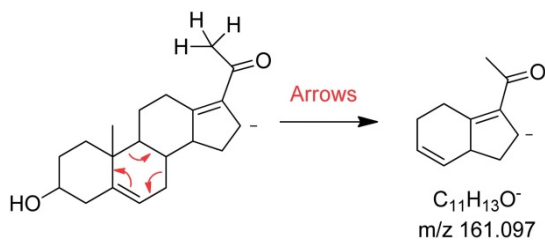
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Scheme 7.23

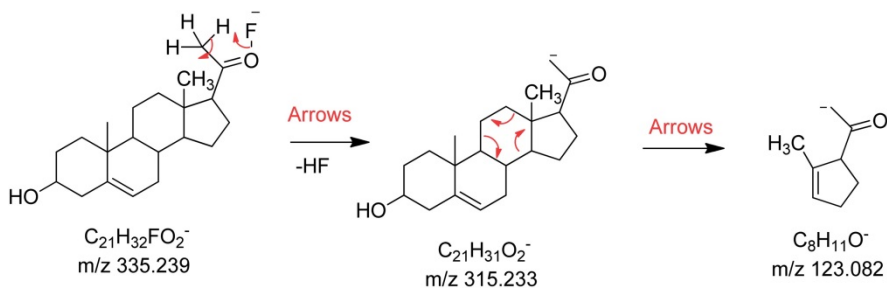


Scheme 7.24

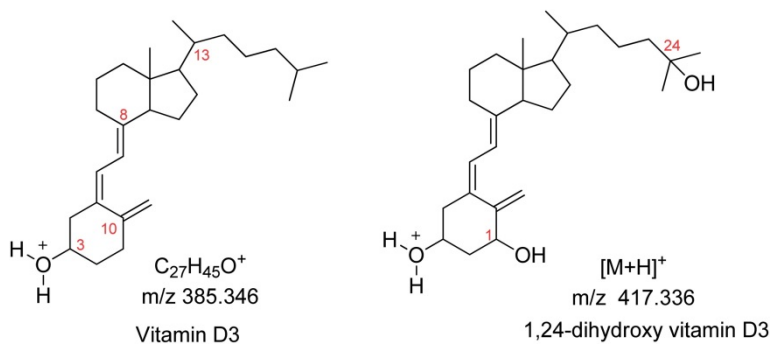


Scheme 7.25

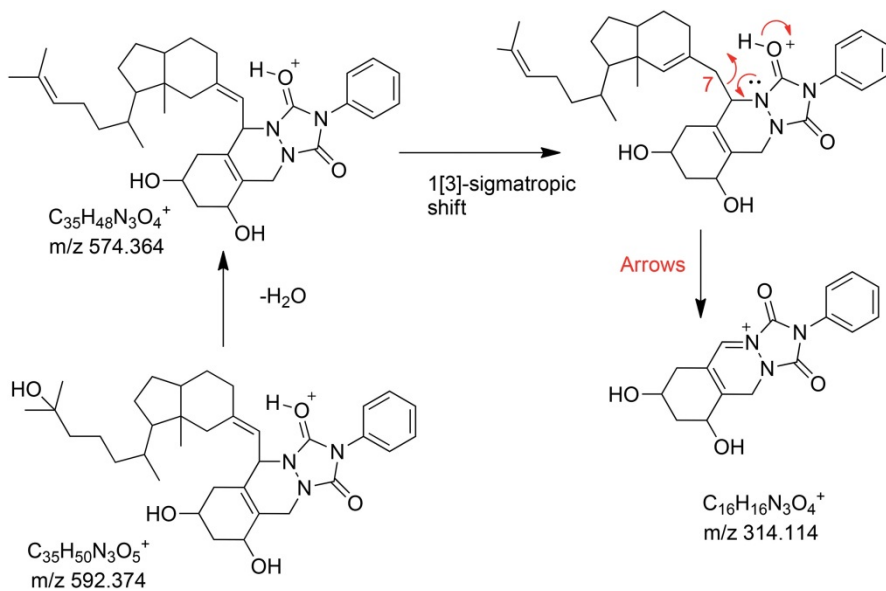
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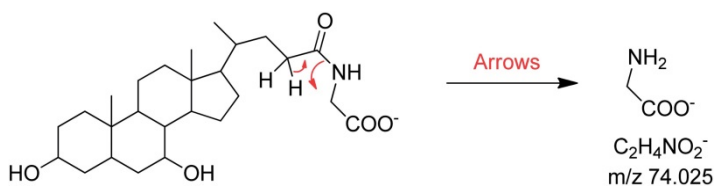
Scheme 7.26



Scheme 7.27



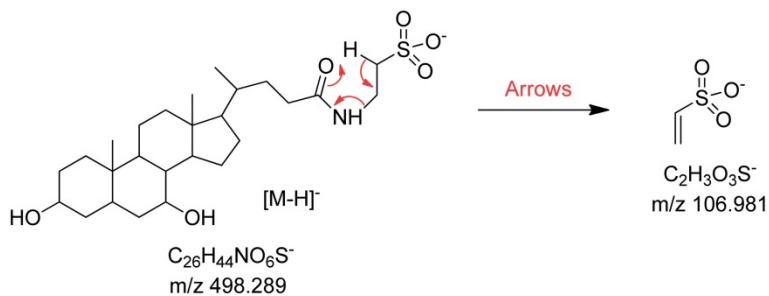
Scheme 7.28



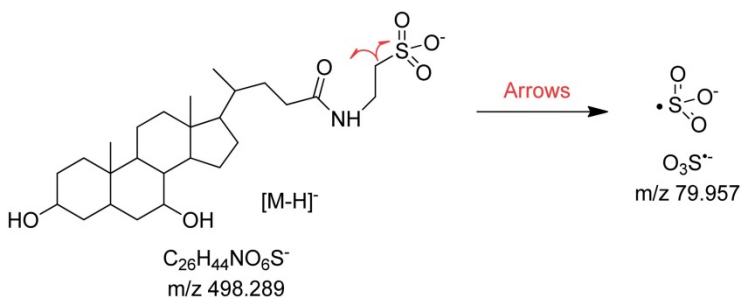
Scheme 7.29

Supplementary information for *Tandem Mass Spectrometry of Lipids: Molecular Analysis of Complex Lipids*

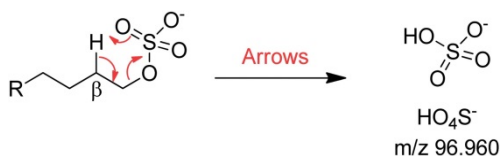
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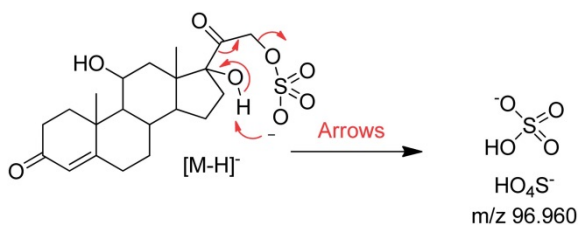
Scheme 7.30



Scheme 7.31



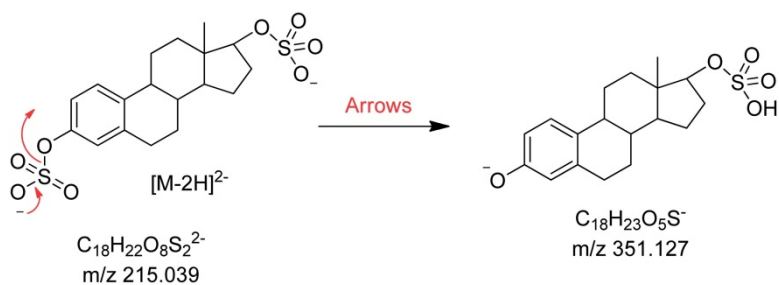
Scheme 7.32



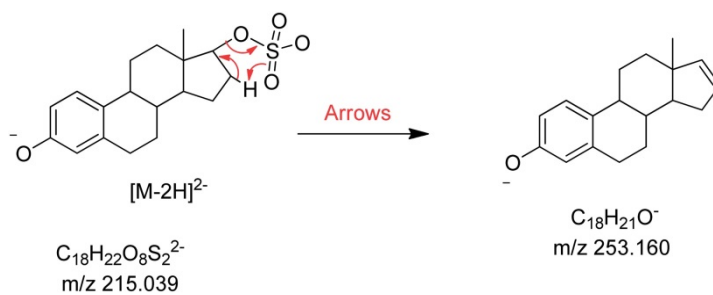
Scheme 7.33

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Scheme 7.34



Scheme 7.35