

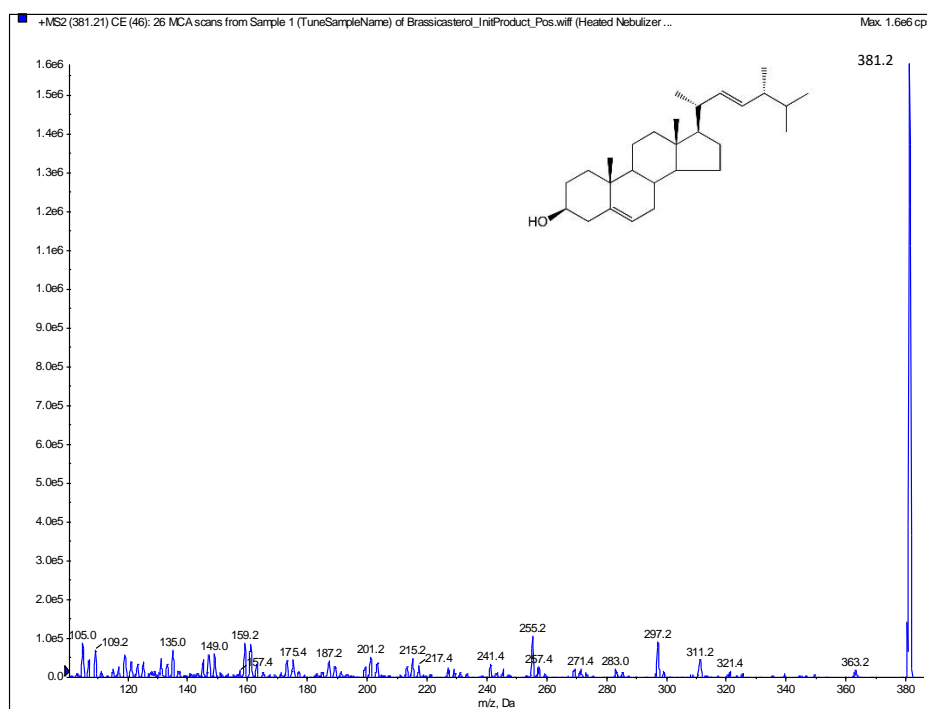
## Appendix

### Supplementary Material

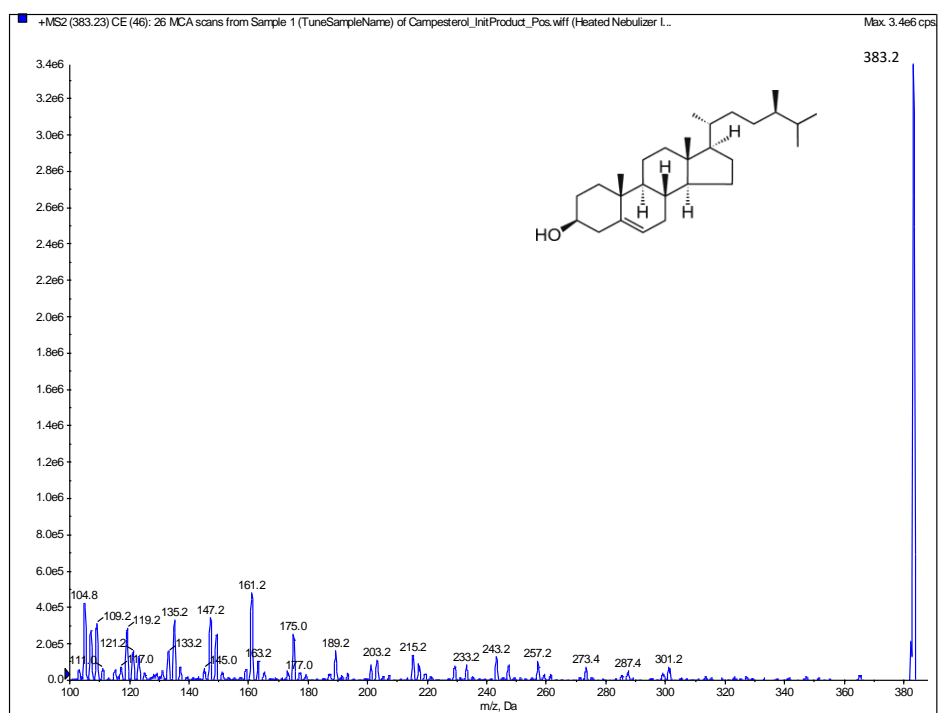
**Figure S1. Product Ion Spectra of standards and internal standards.**

#### Standards

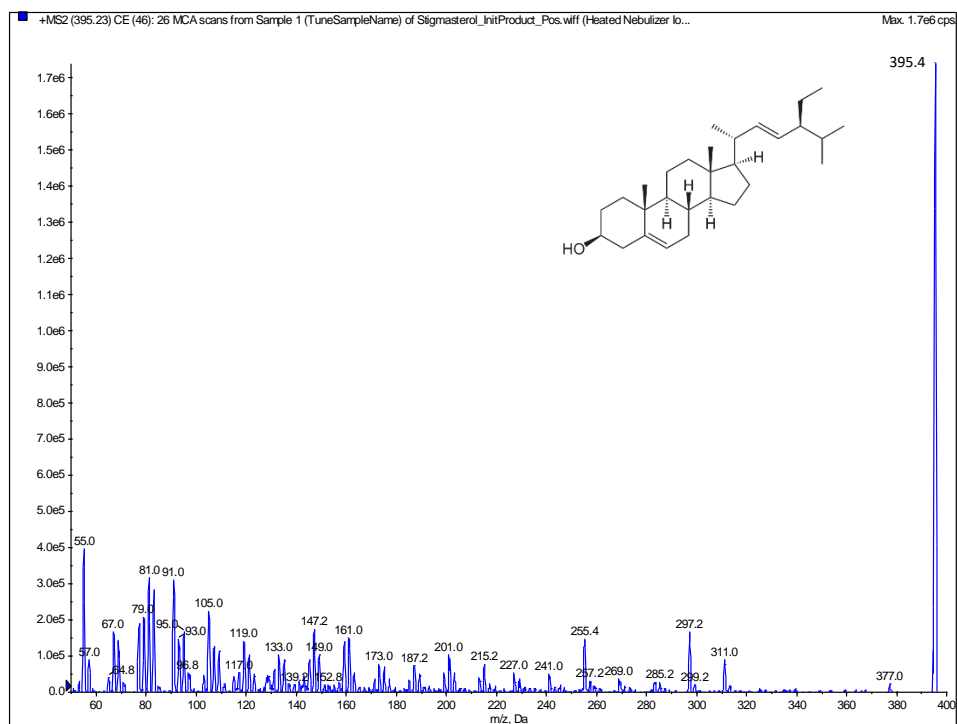
##### Brassicasterol



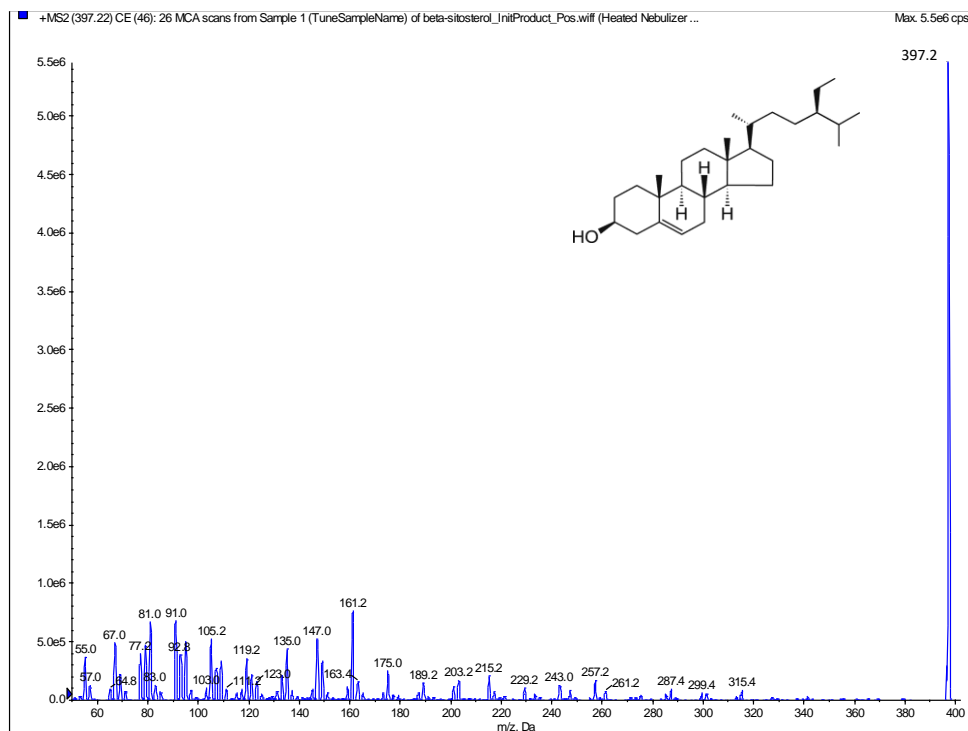
##### Campesterol



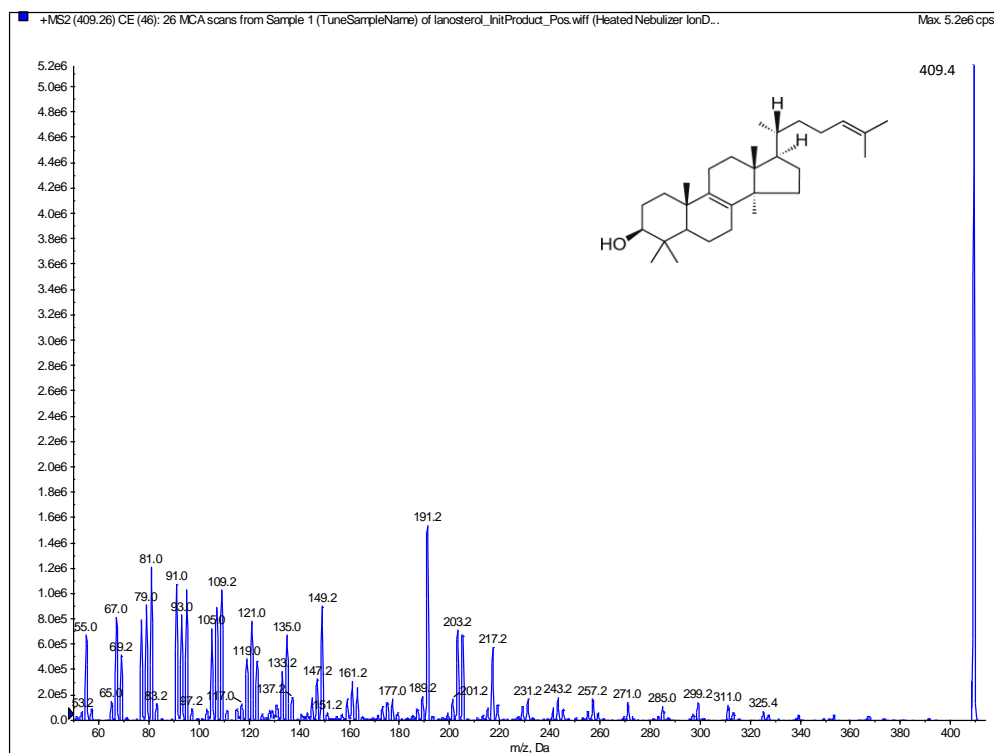
## Stigmasterol



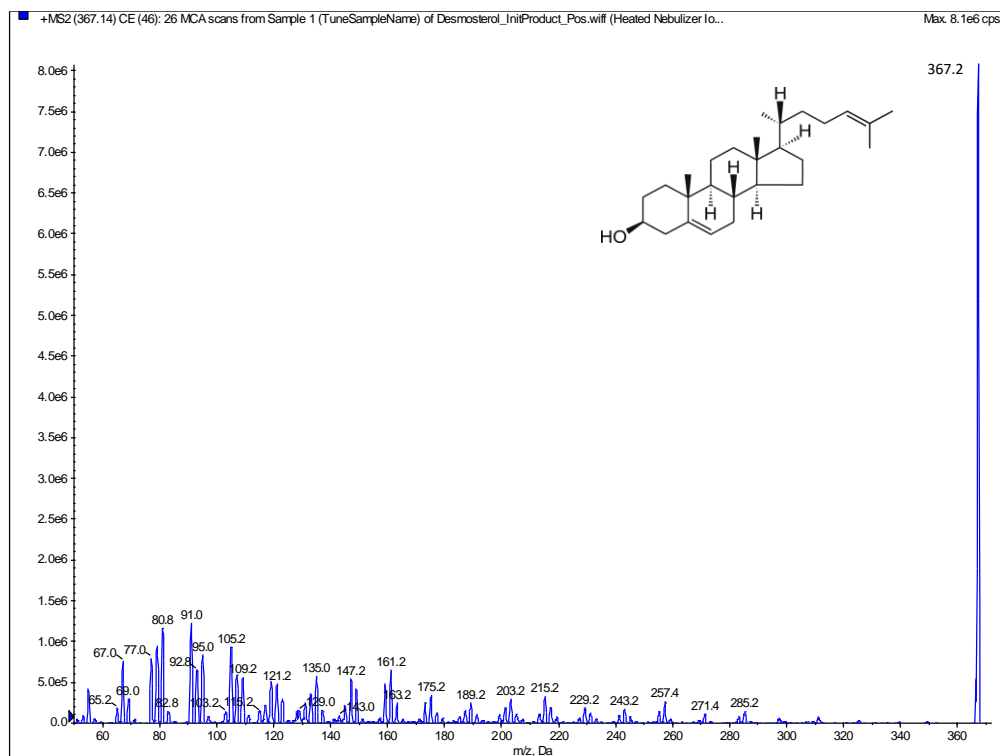
## Sitosterol



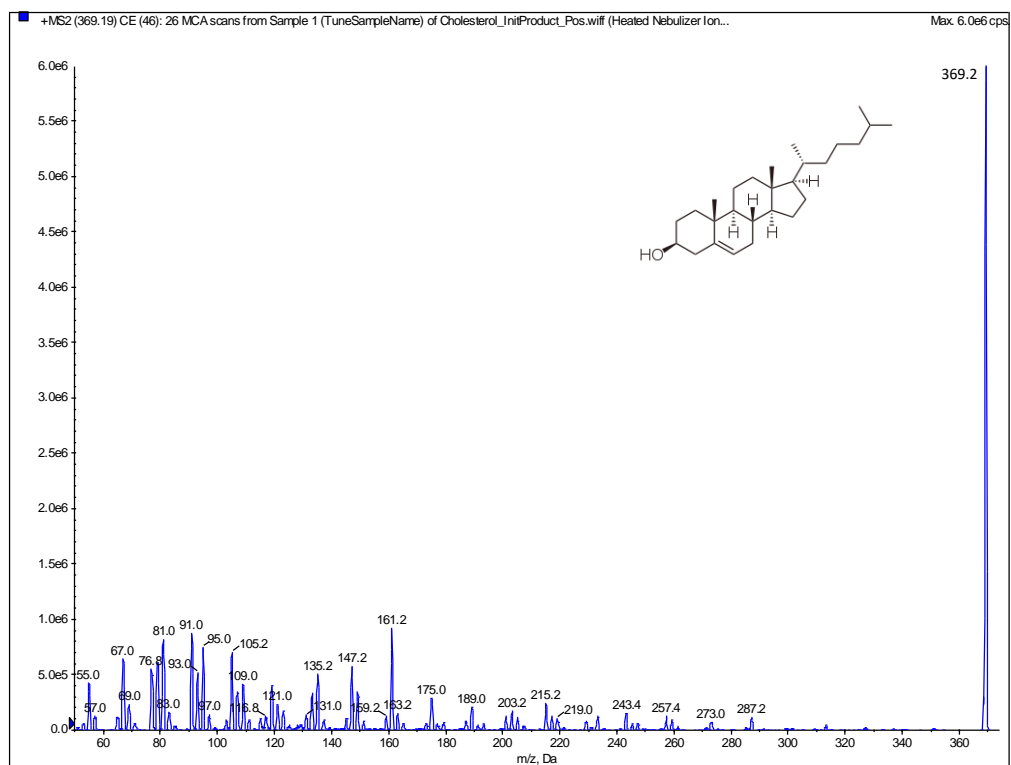
## Lanosterol



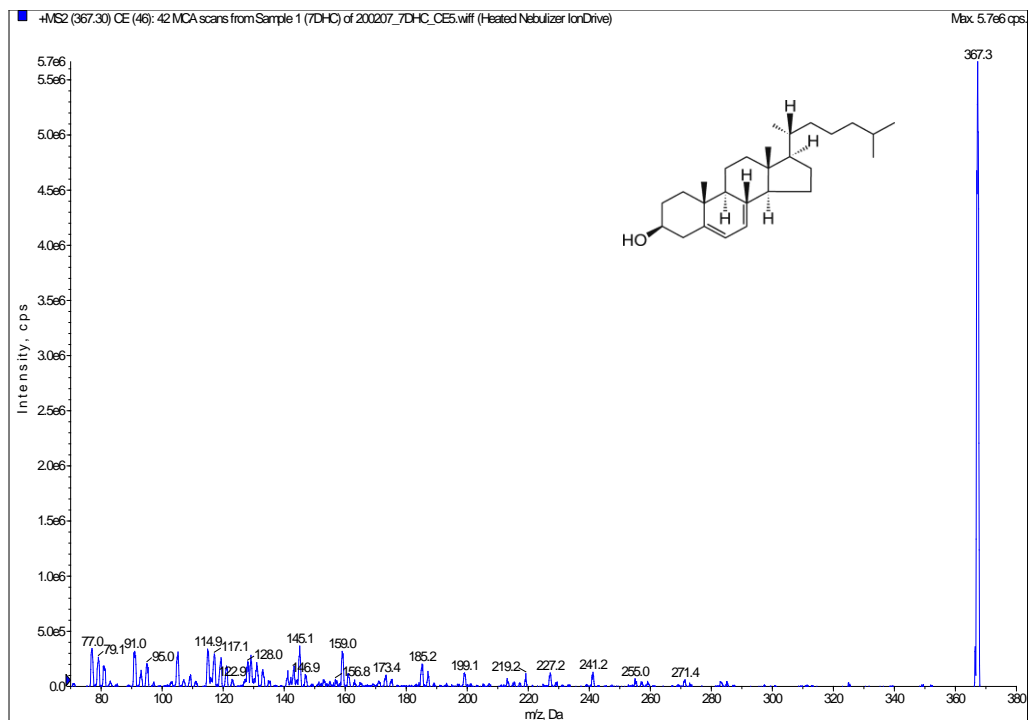
## Desmosterol



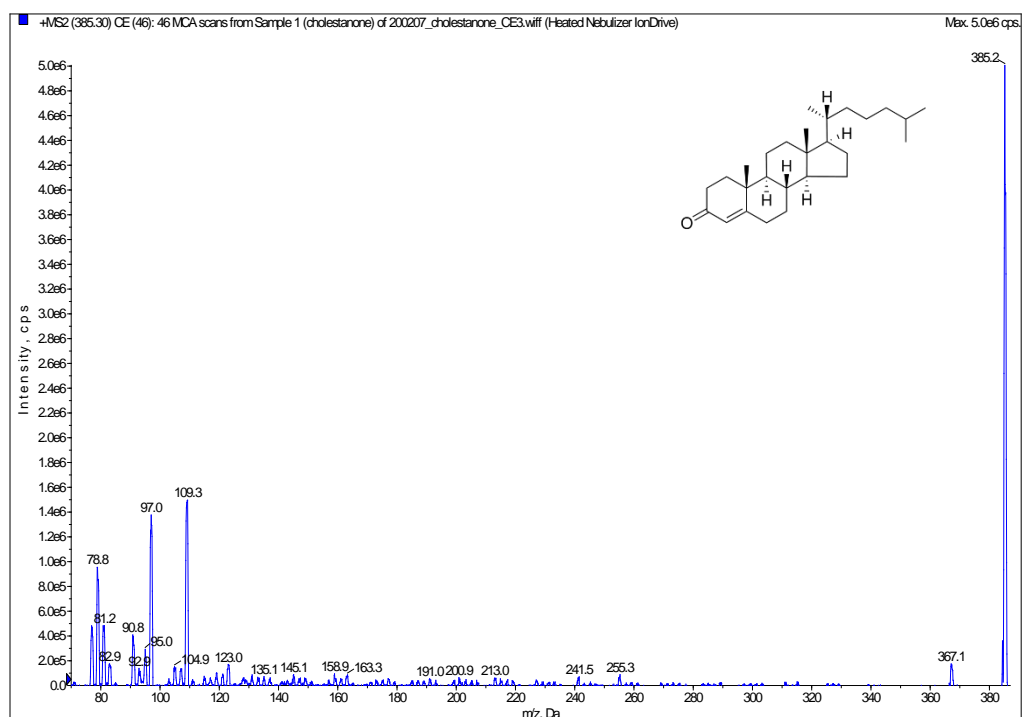
## Cholesterol



## 7-dehydrocholesterol

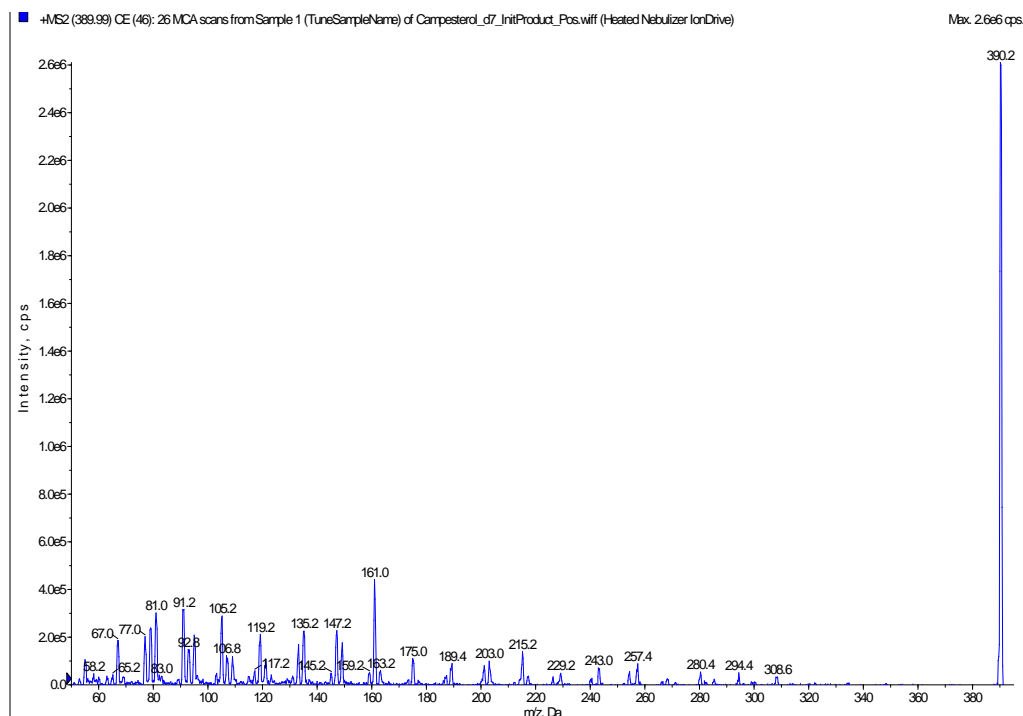


## 4-cholestenone

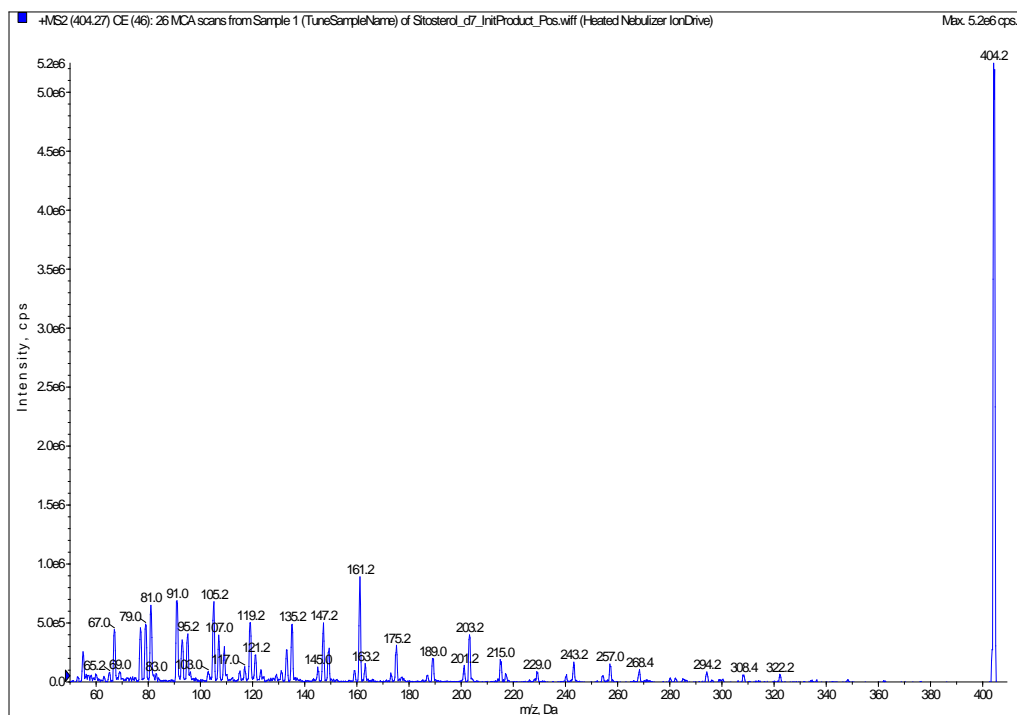


## Internal Standards

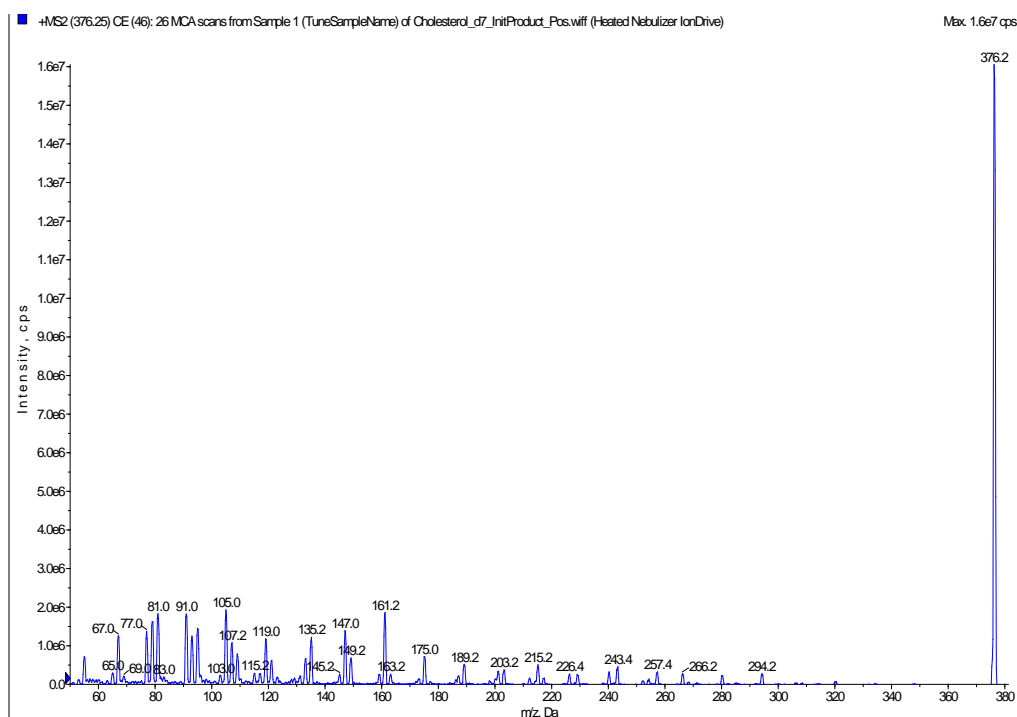
### d7-Campesterol



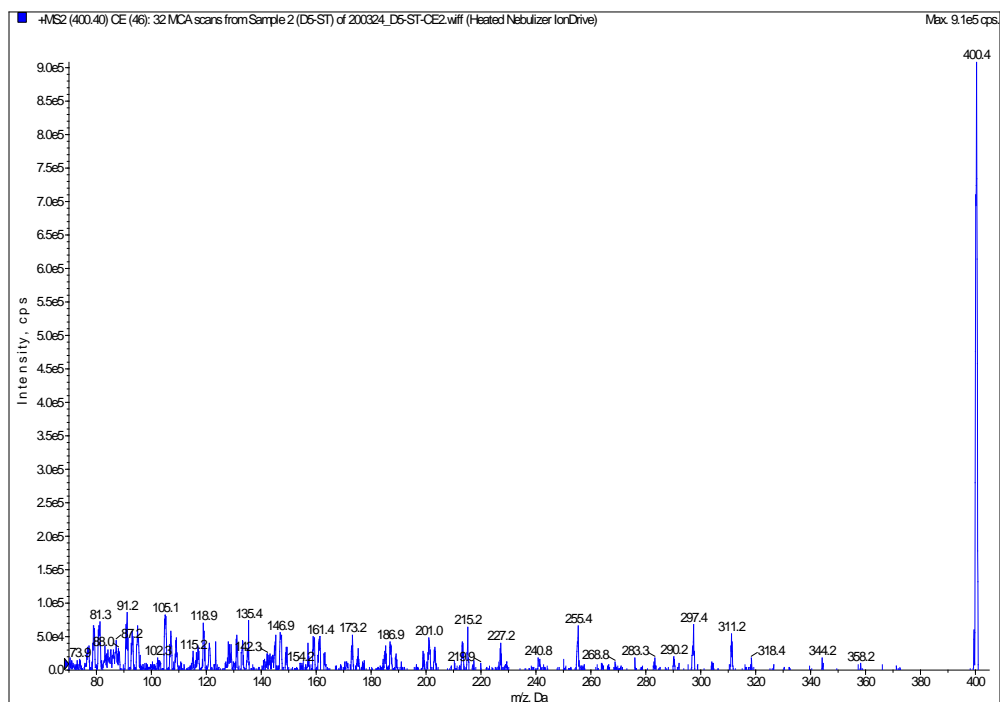
## d7-Sitosterol



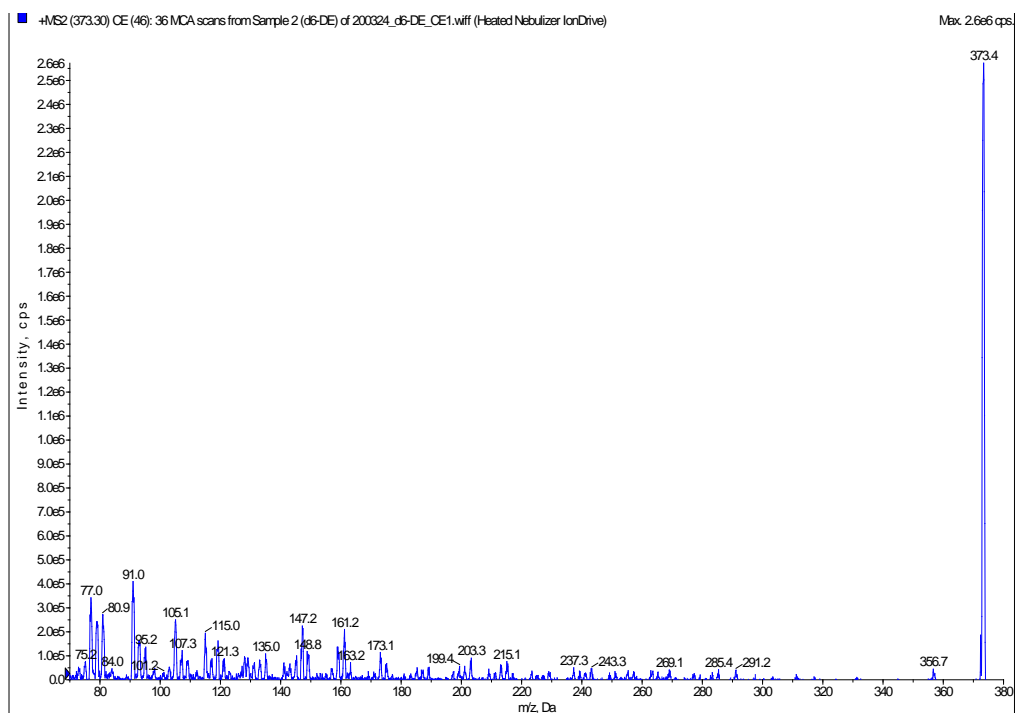
## d7-Cholesterol



## d5-Stigmasterol



## d6-Desmosterol



## d6-Lanosterol

