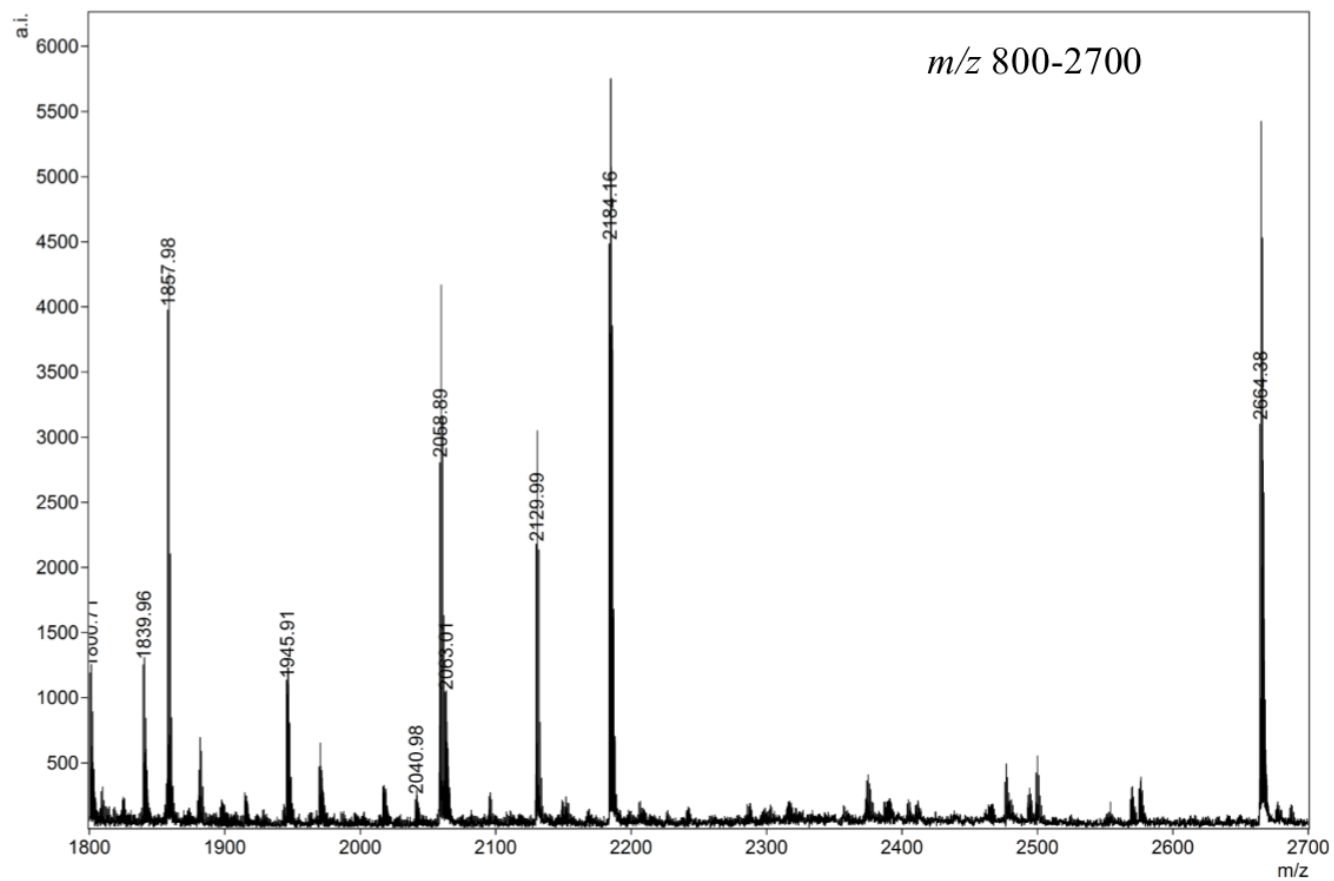
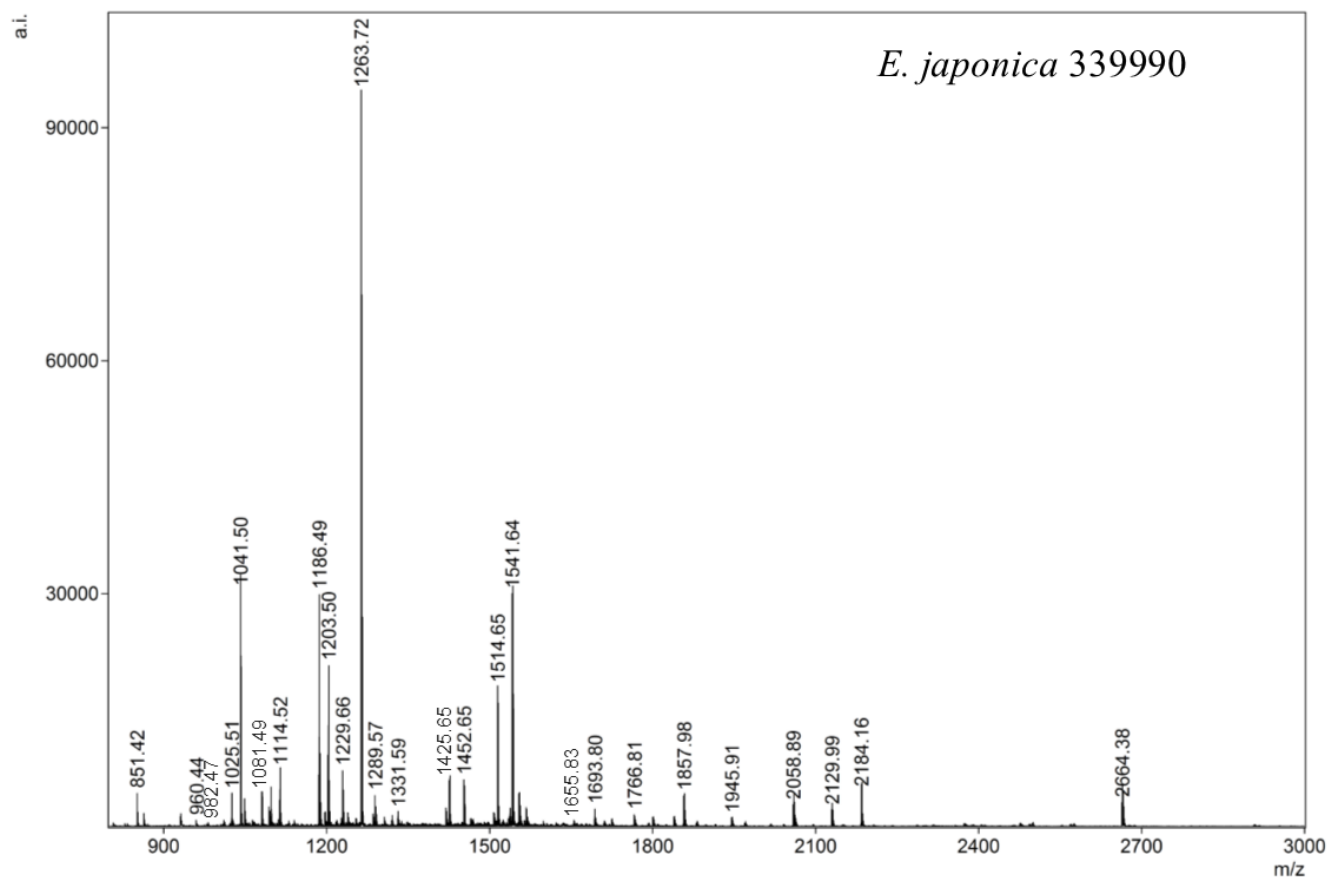
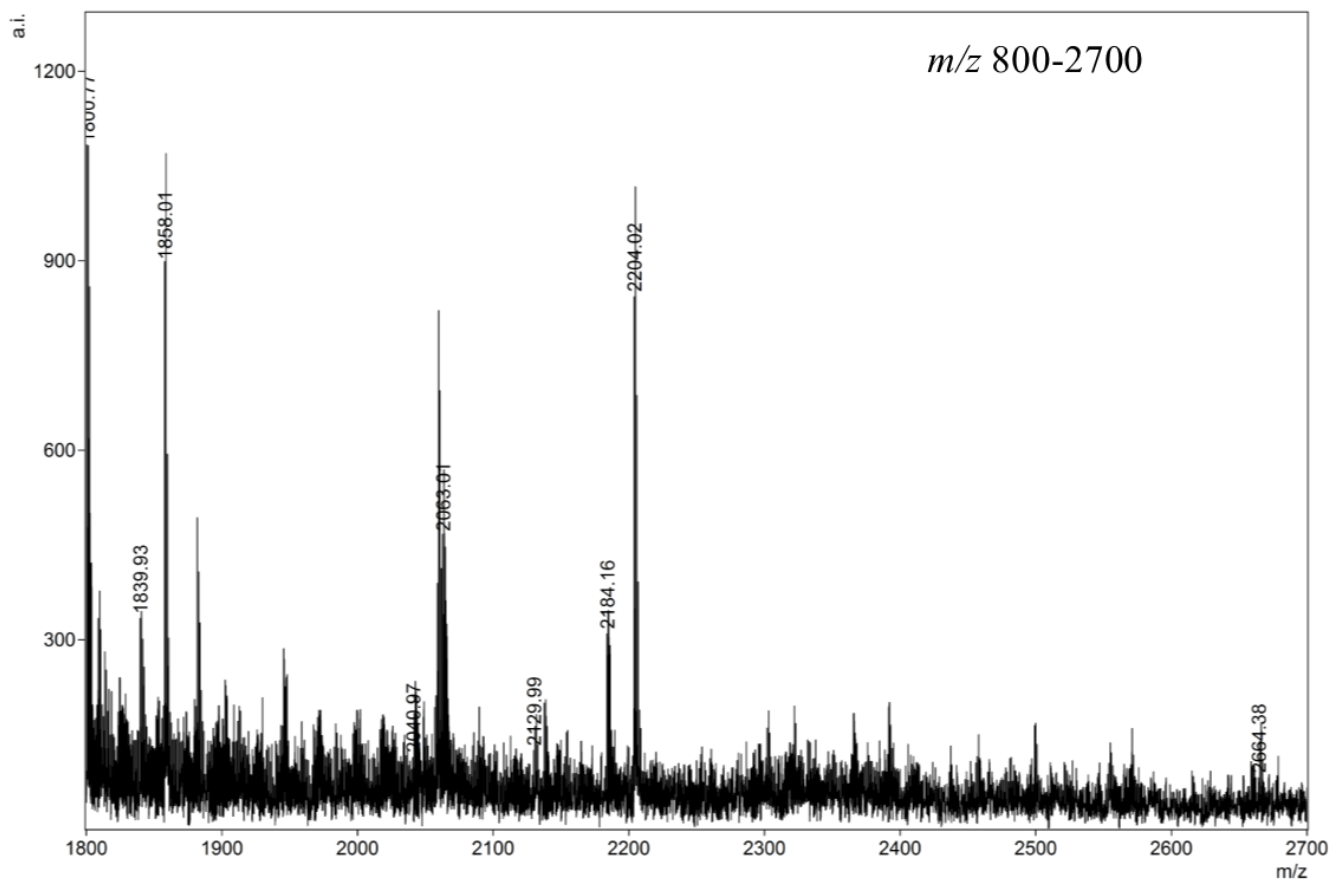
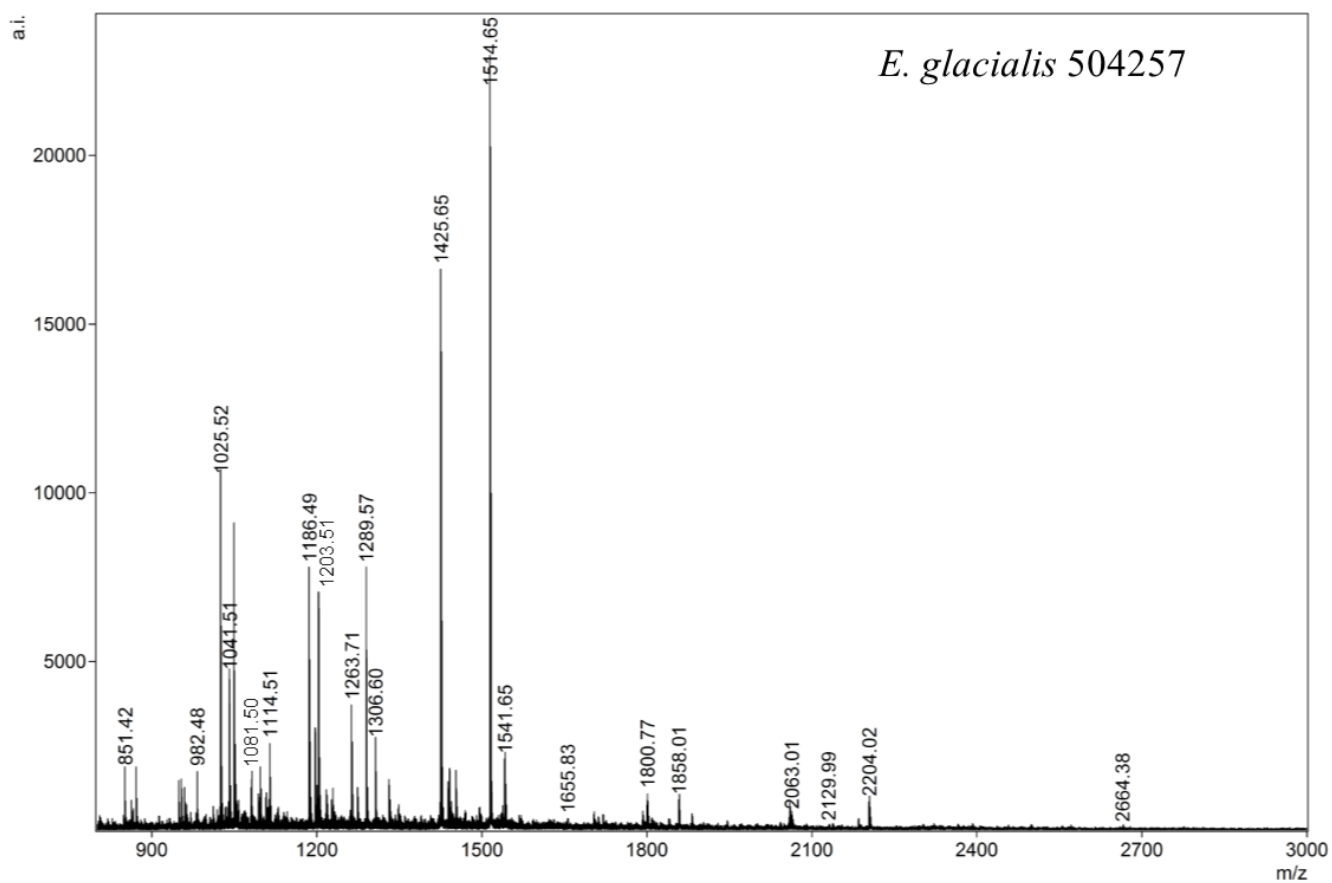


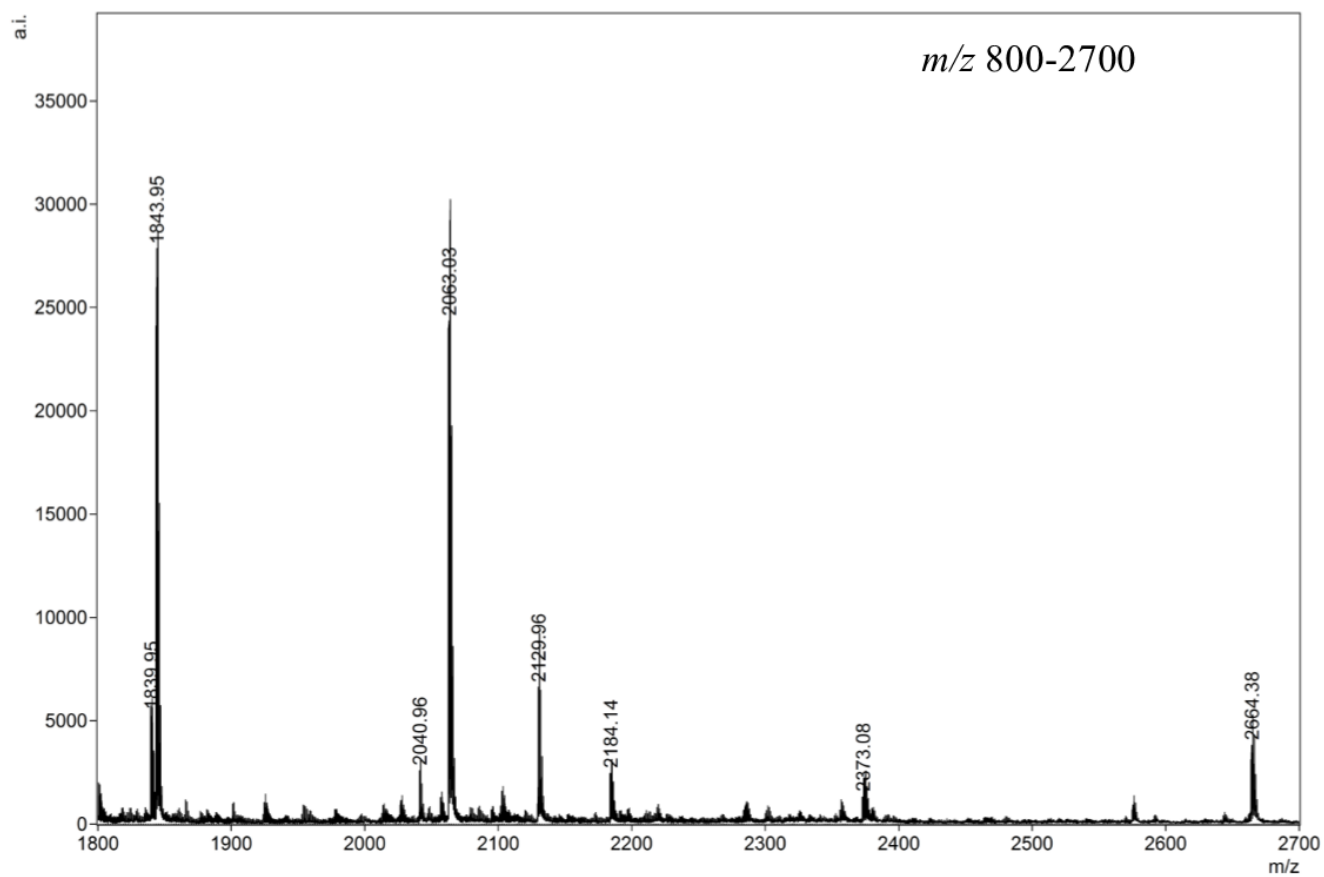
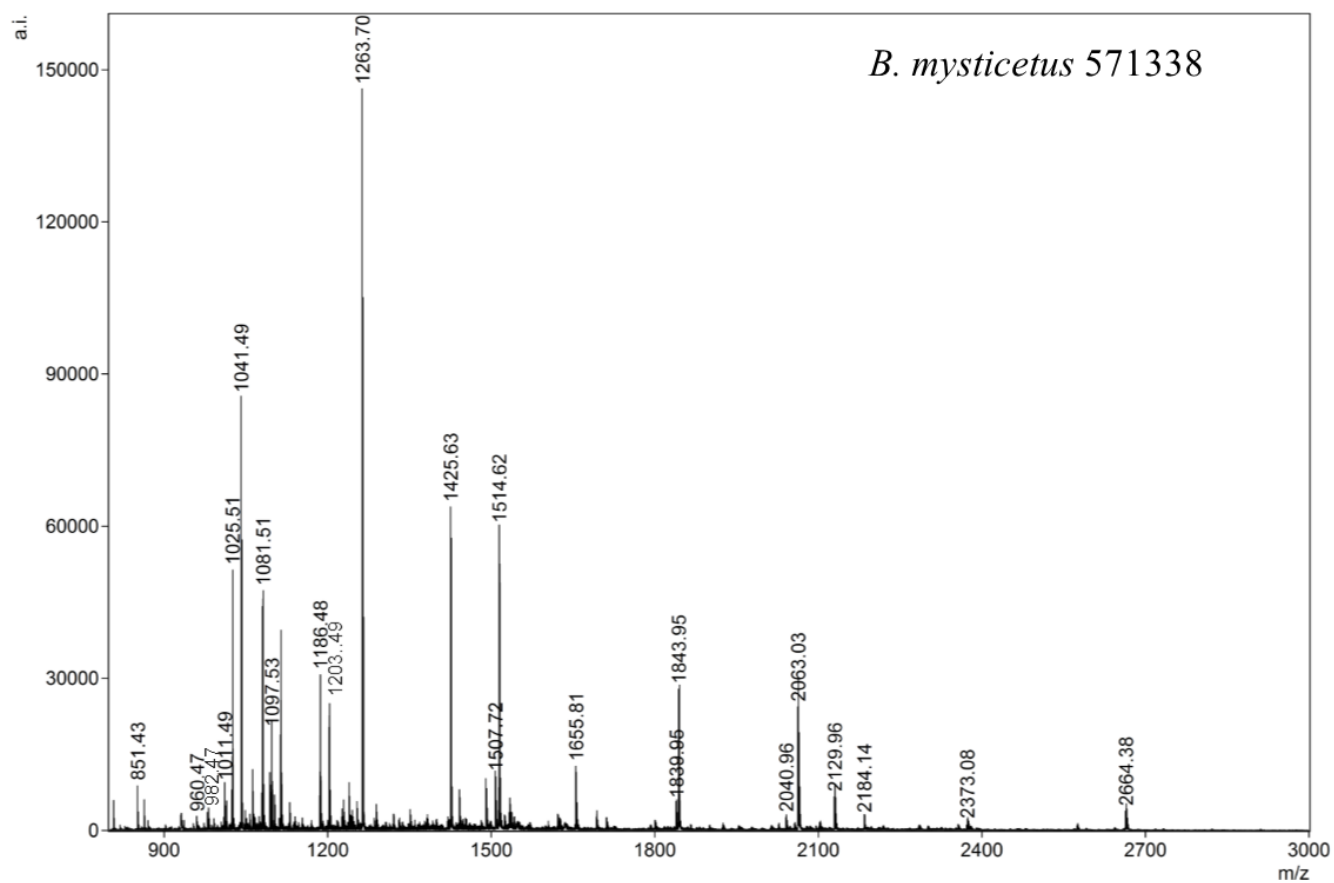
Supporting Information File S4

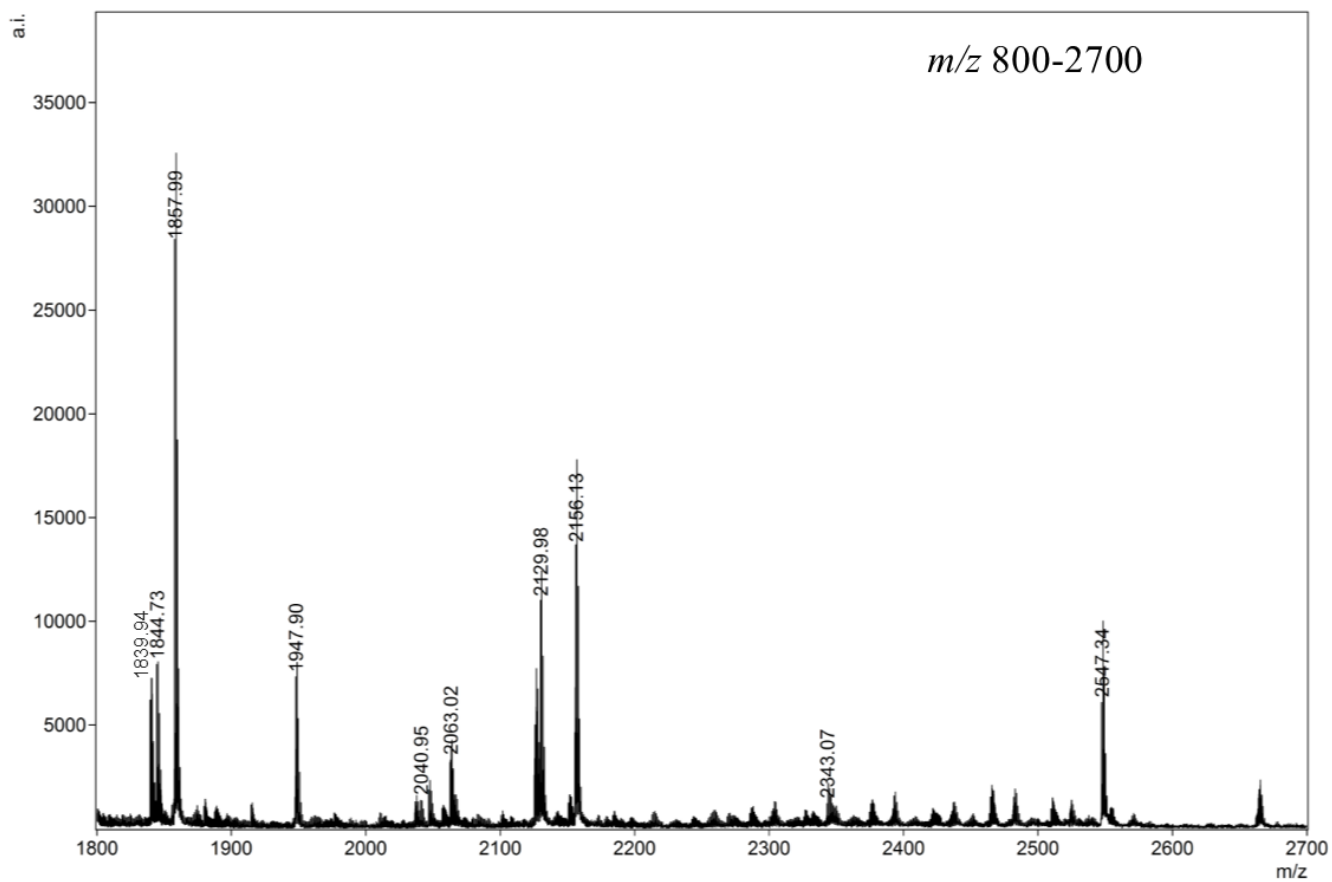
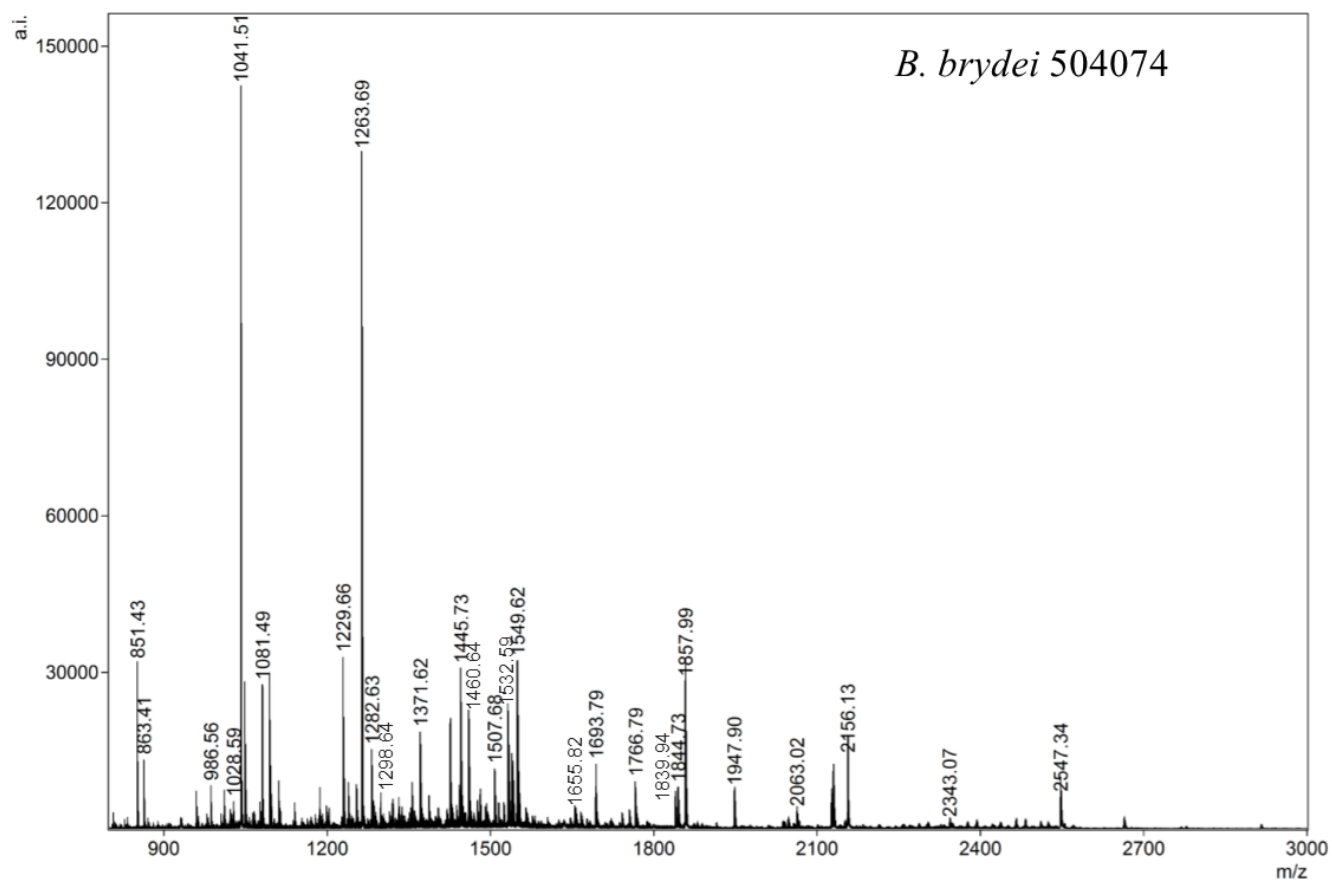
Peptide mass fingerprinting of reference materials and MS/MS spectra

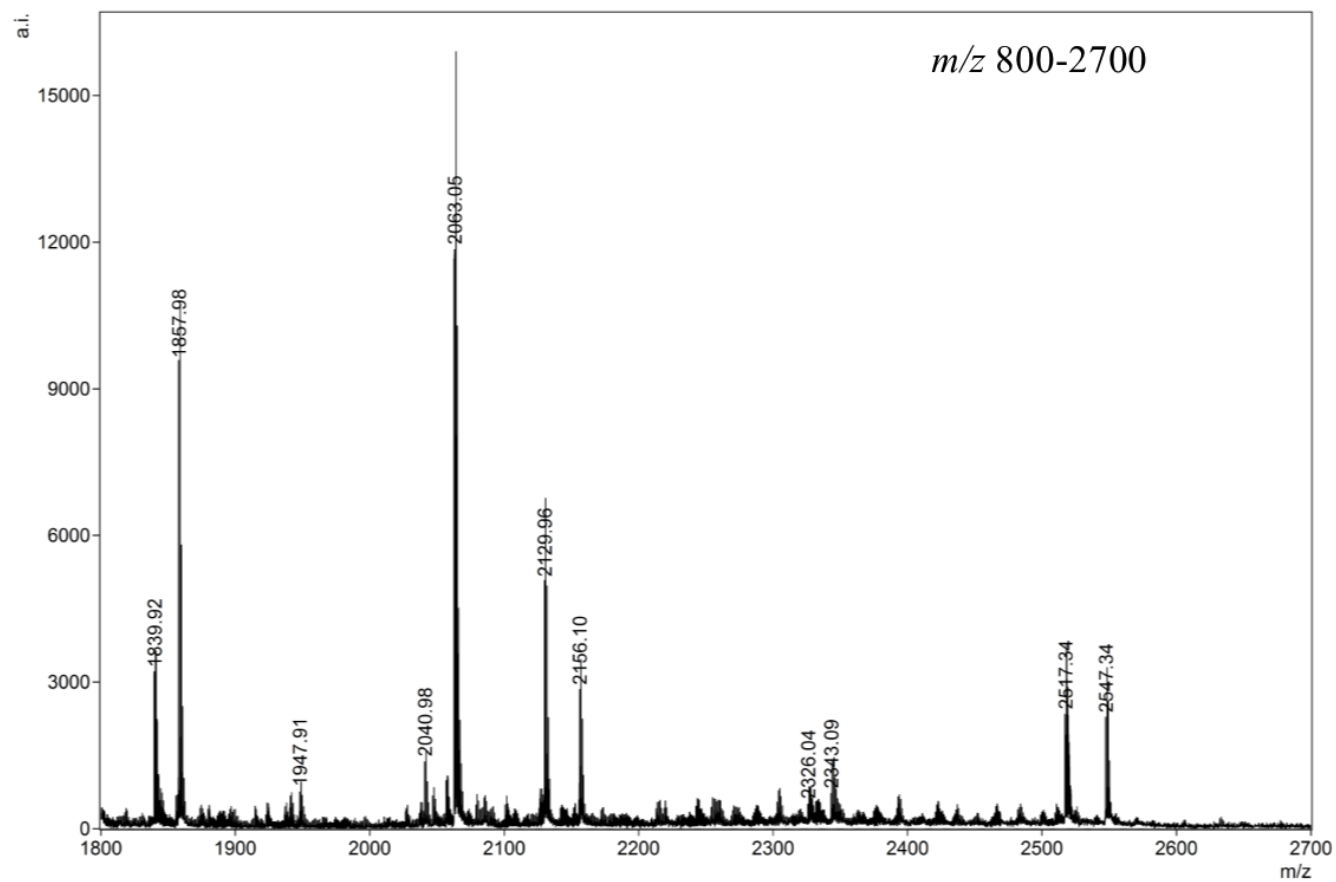
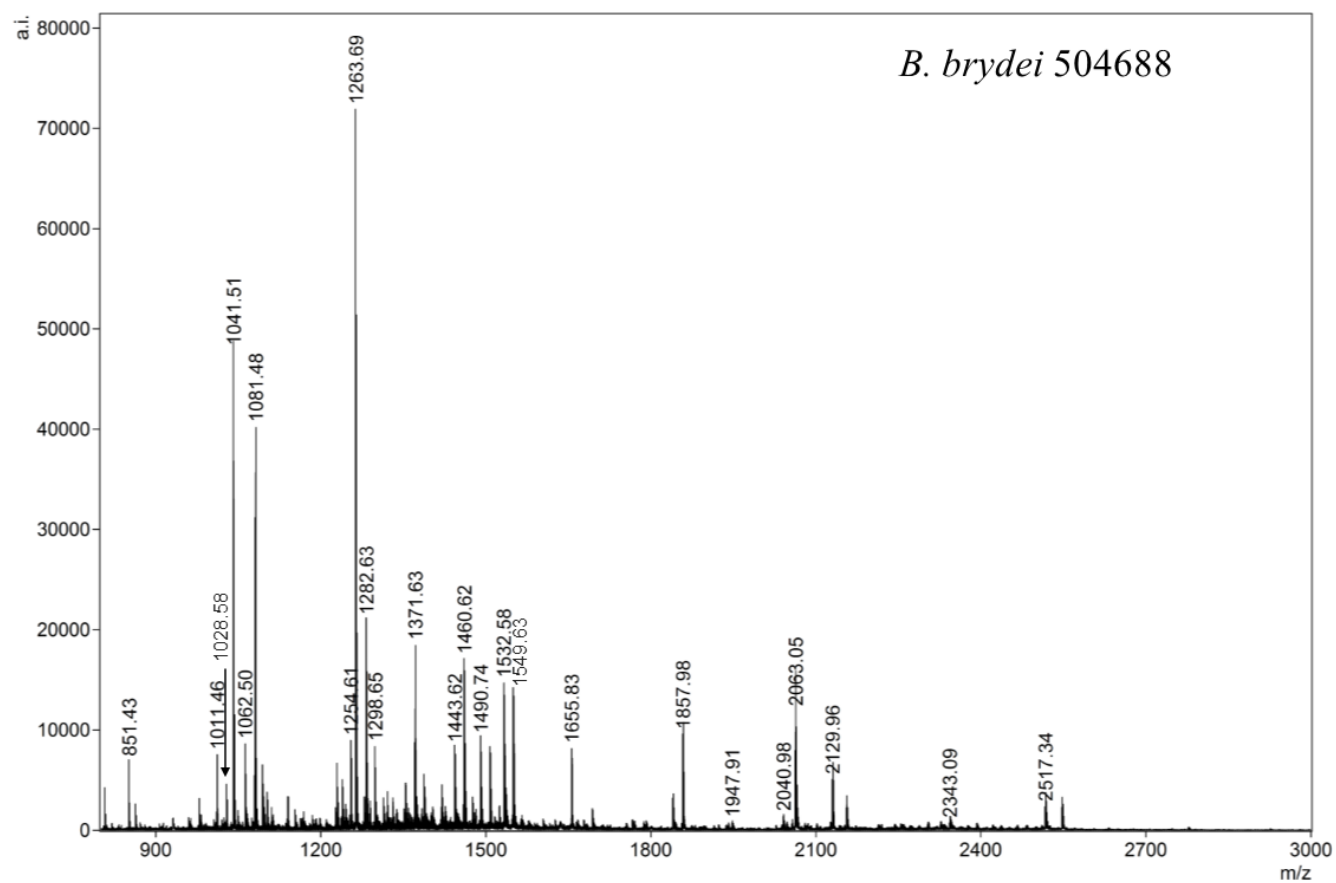
MS spectrum <i>Eubalaena japonica</i> 339990	p2
MS spectrum <i>Eubalaena glacialis</i> 504257	p3
MS spectrum <i>Balaena mysticetus</i> 571338	p4
MS spectrum <i>Balaenoptera brydei</i> 504074 North Atlantic	p5
MS spectrum <i>Balaenoptera brydei</i> 504688 South Pacific	p6
MS spectrum <i>Balaenoptera brydei</i> 504689 South Pacific	p7
MS spectrum <i>Balaenoptera borealis</i> 504998	p8
MS spectrum <i>Balaenoptera musculus</i> 269541	p9
MS spectrum <i>Balaenoptera acutorostrata</i> 239305	p10
MS spectrum <i>Balaenoptera physalus</i> 275769	p11
MS spectrum <i>Megaptera novaeangliae</i> 504216	p12
MS spectrum <i>Megaptera novaeangliae</i> 267999	p13
MS spectrum <i>Eschrichtius robustus</i> 572613	p14
MS/MS spectrum of YSSQLAQIQGLISNVEAQLSEIR in <i>B. brydei</i> 504689	p15
MS/MS spectrum of YSSQLAQIQGLIGNVEAQLSEIR in <i>E. robustus</i> 504999	p16
MS/MS spectrum of YTSQLAQIQCLISNVEAQLSEIR in <i>E. japonica</i> 339990	p17
MS/MS spectrum of APYISSVPCAPAPQLSTQIR in <i>B. brydei</i> 504074	p18
MS/MS spectrum of VPYISSVPCAPAPQLSTQIR in <i>E. japonica</i> 339990	p19

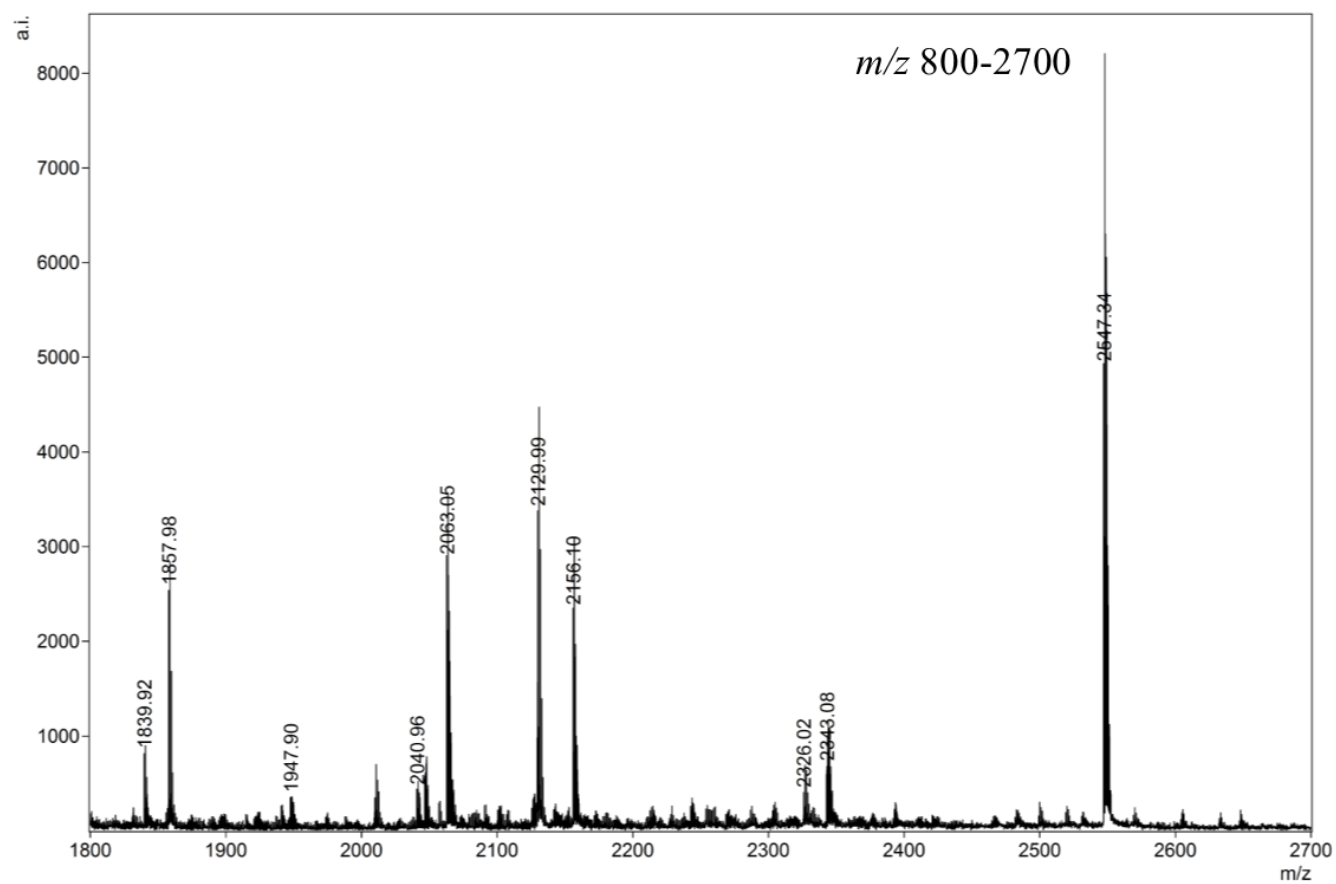
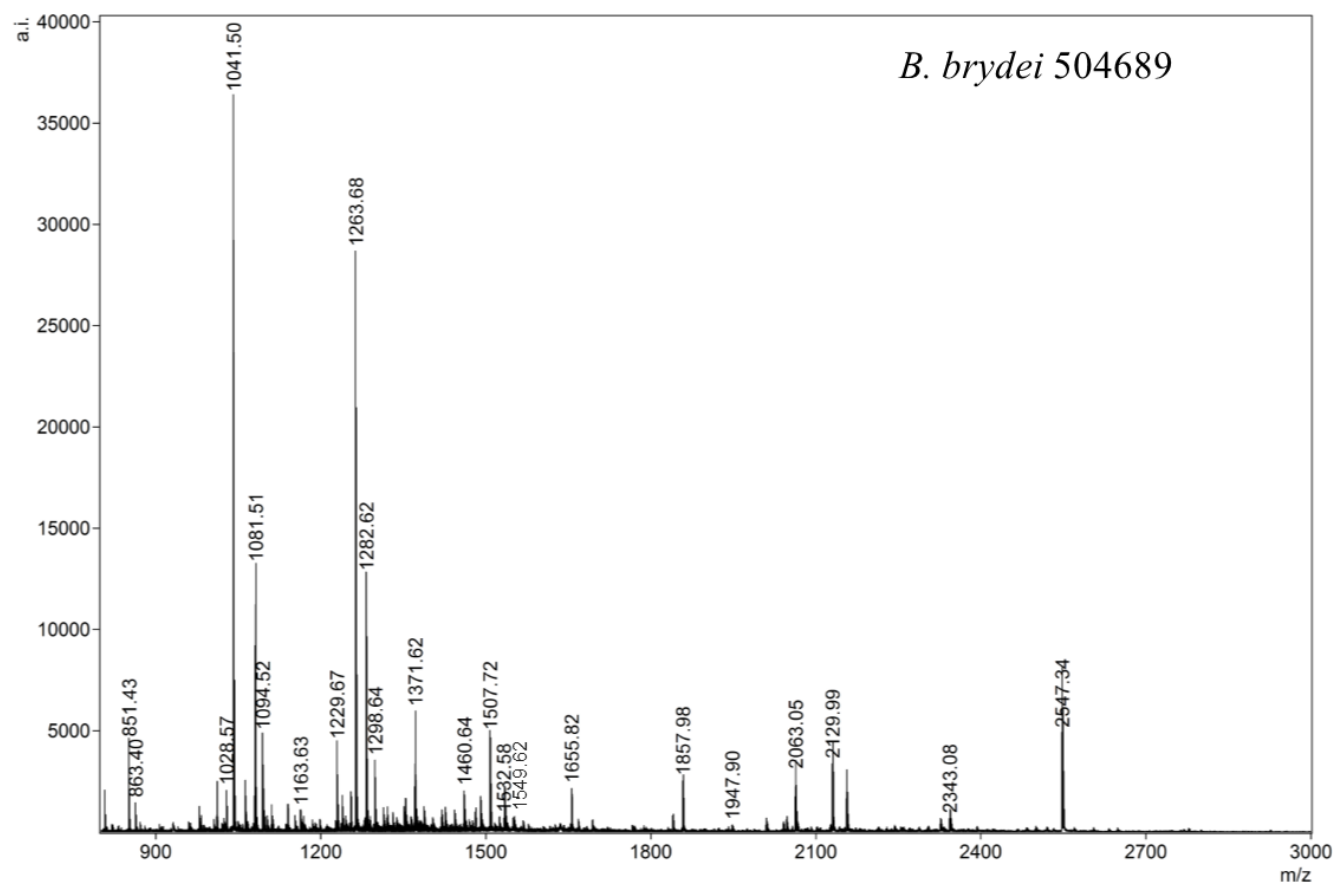


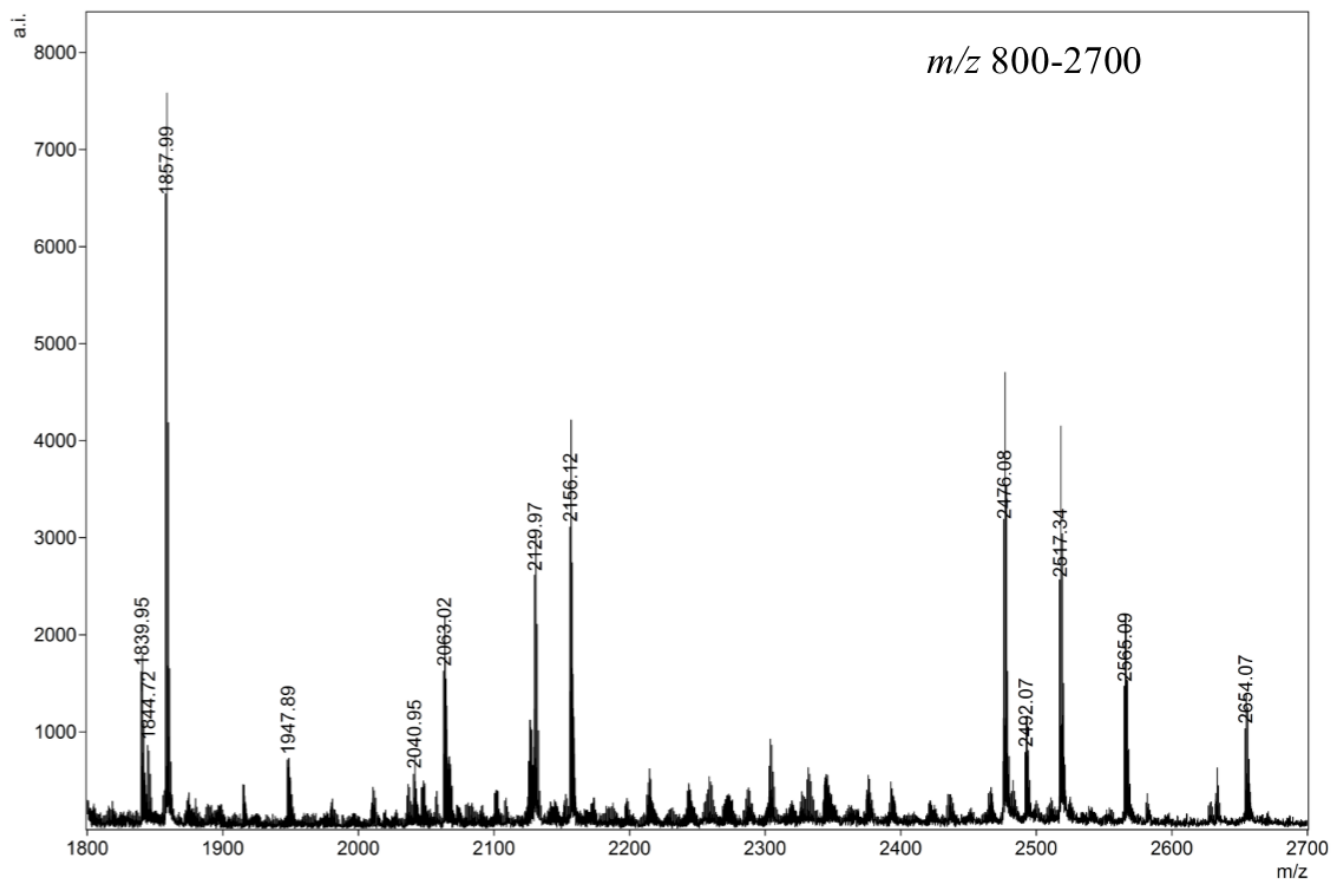
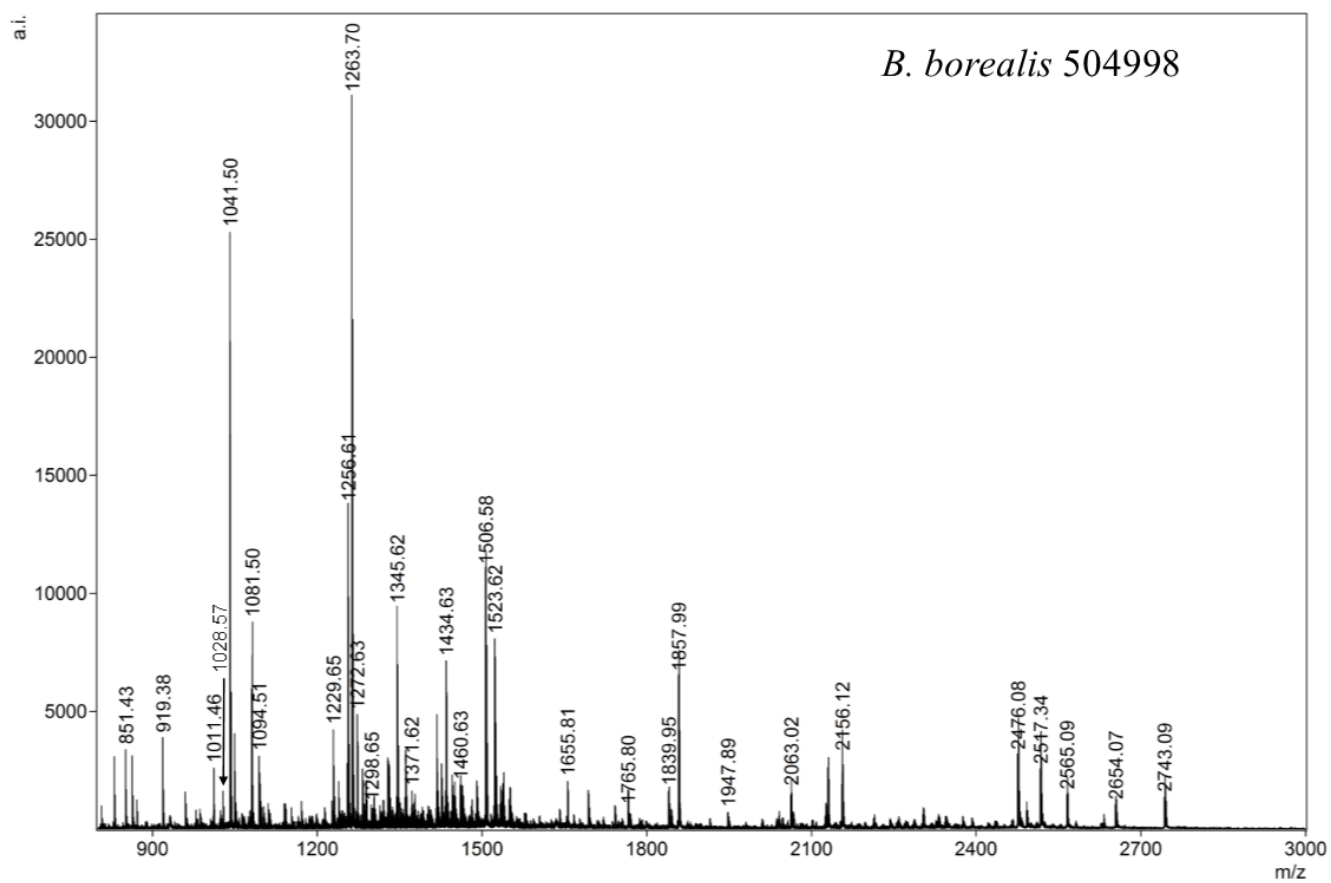


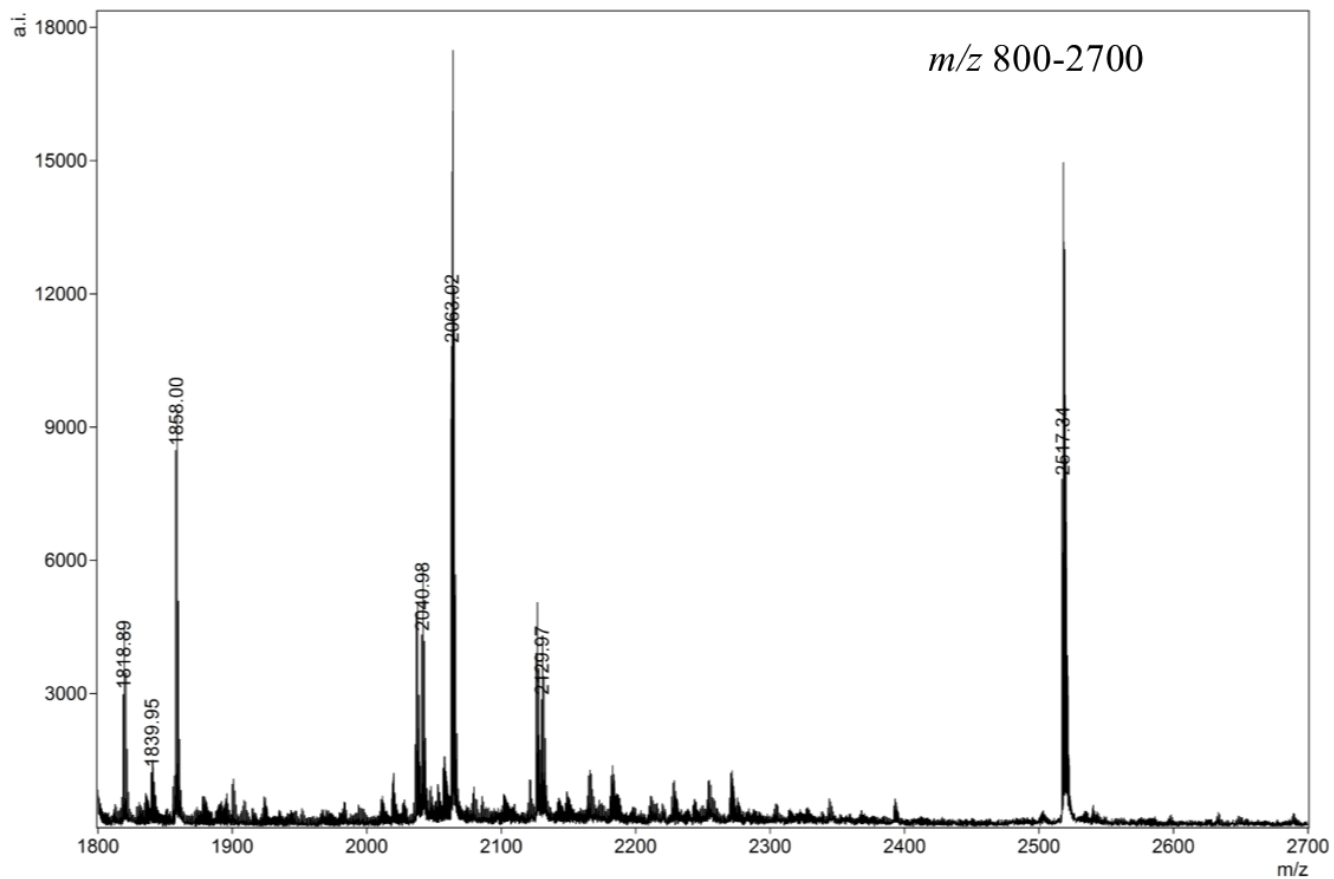
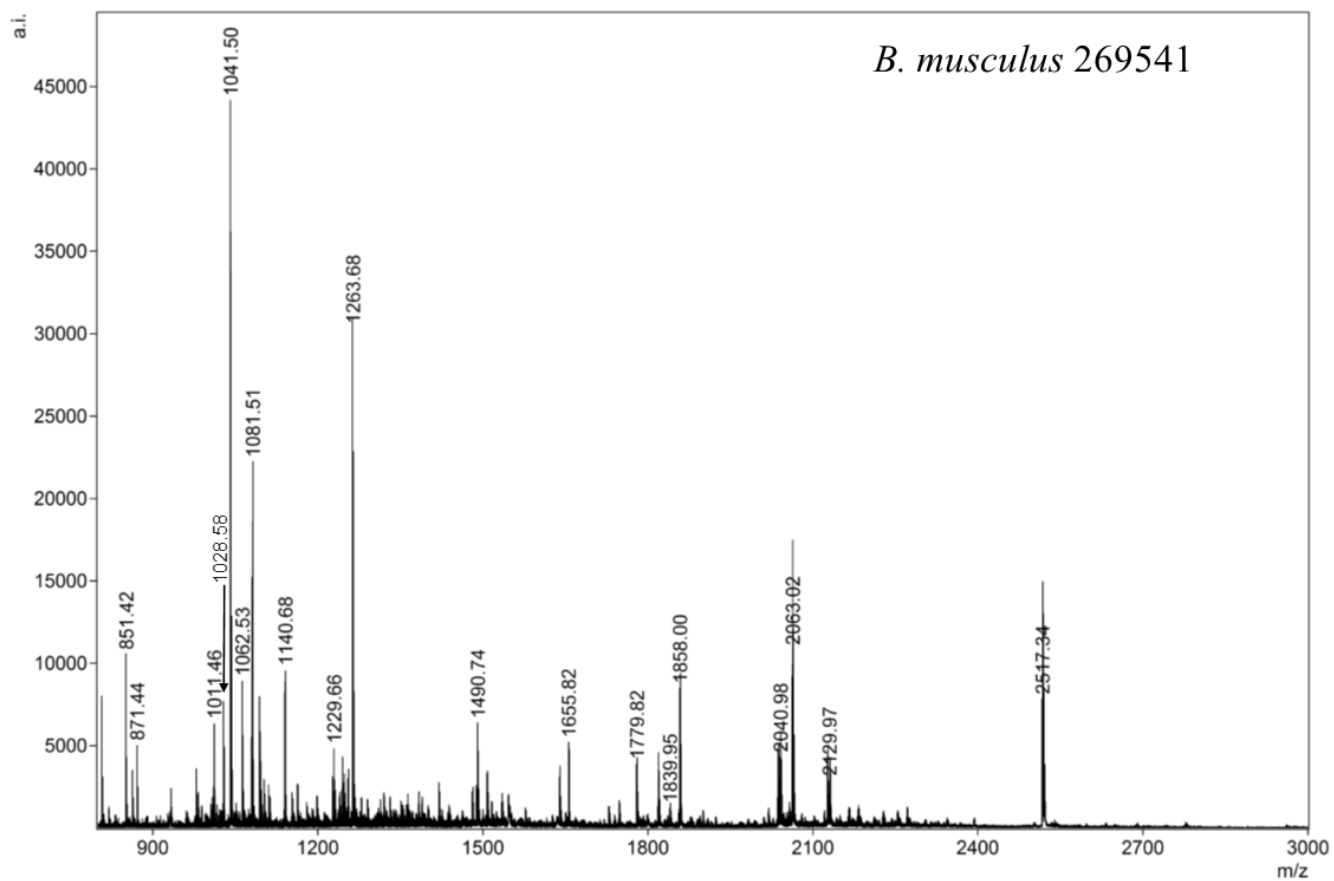


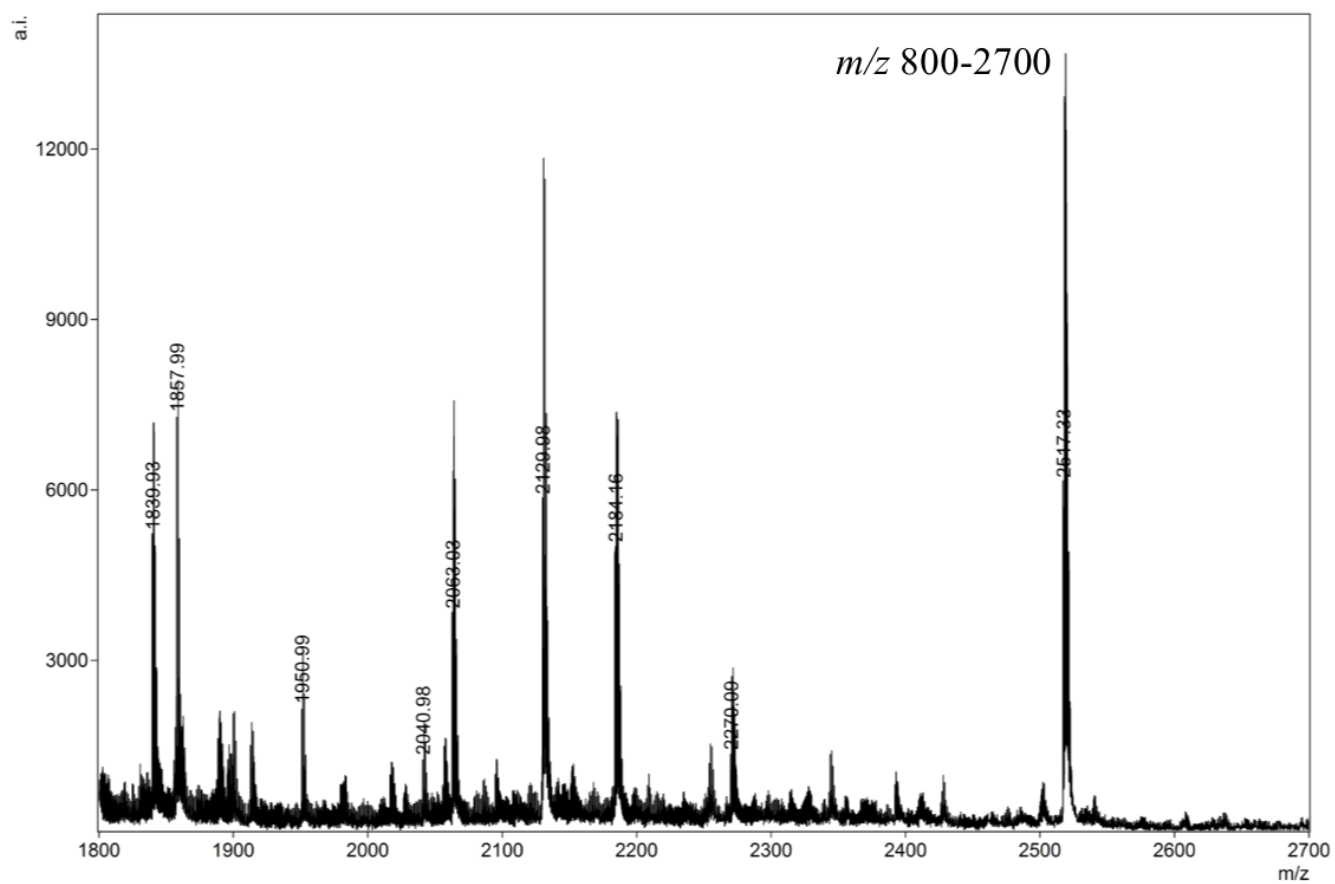
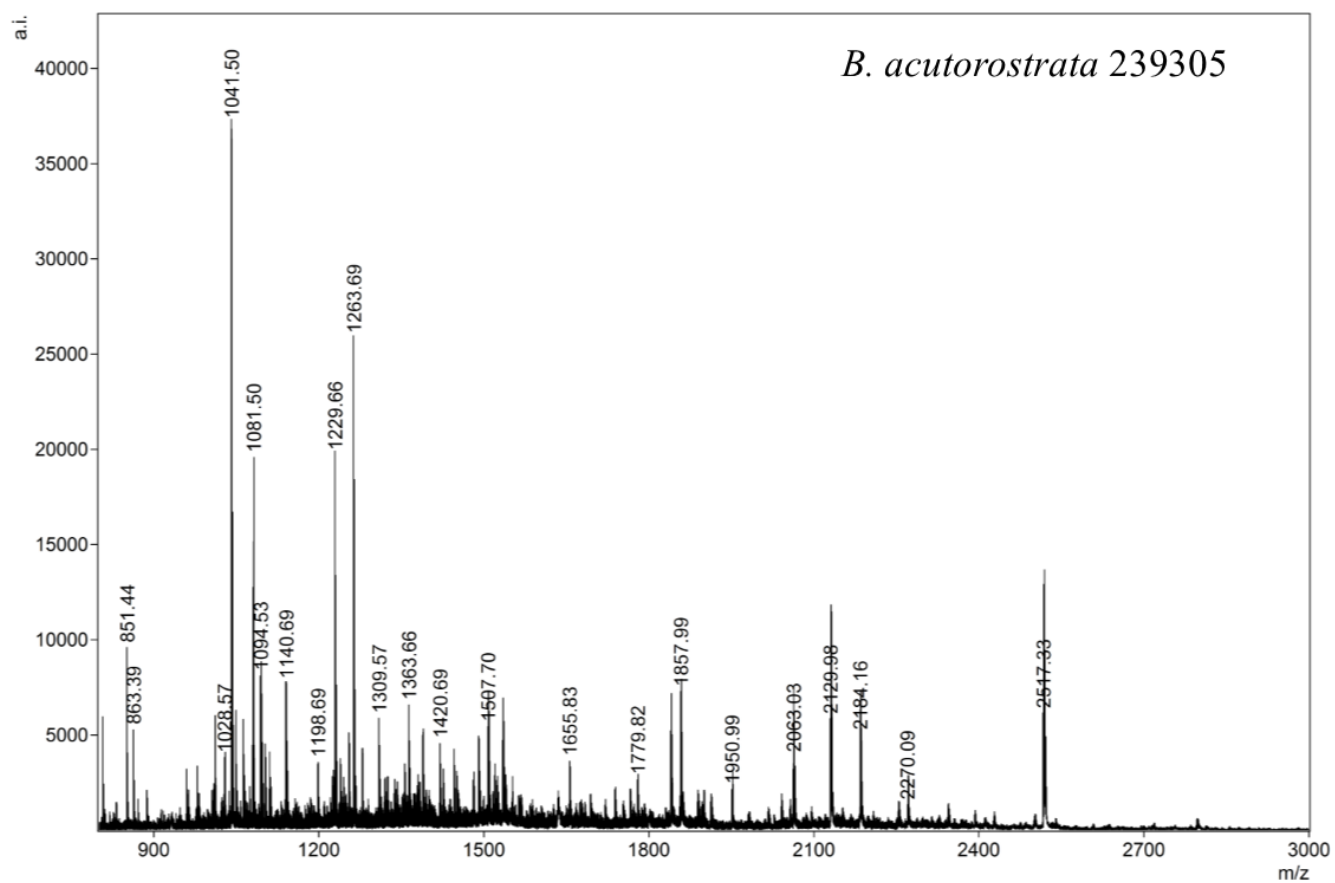


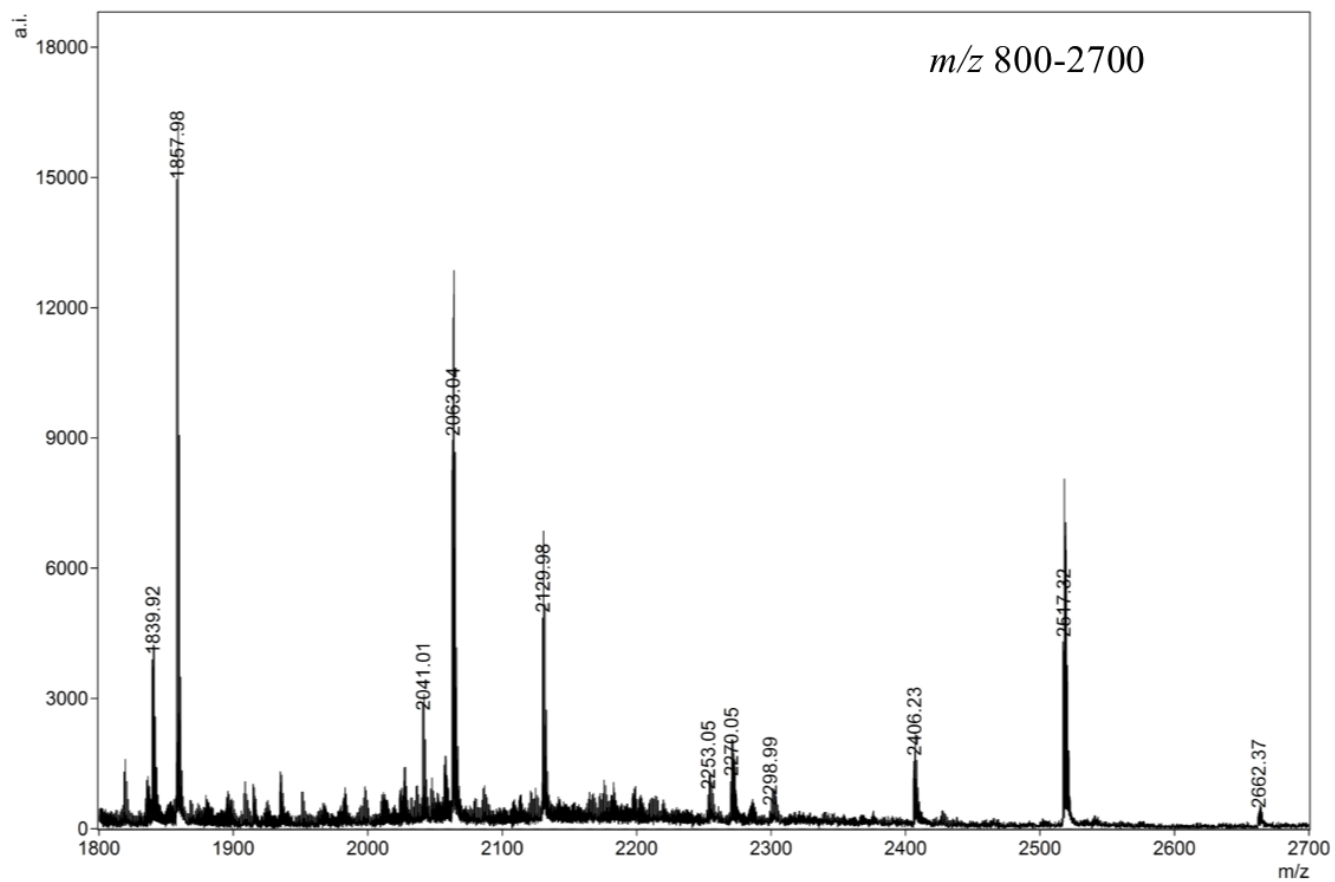
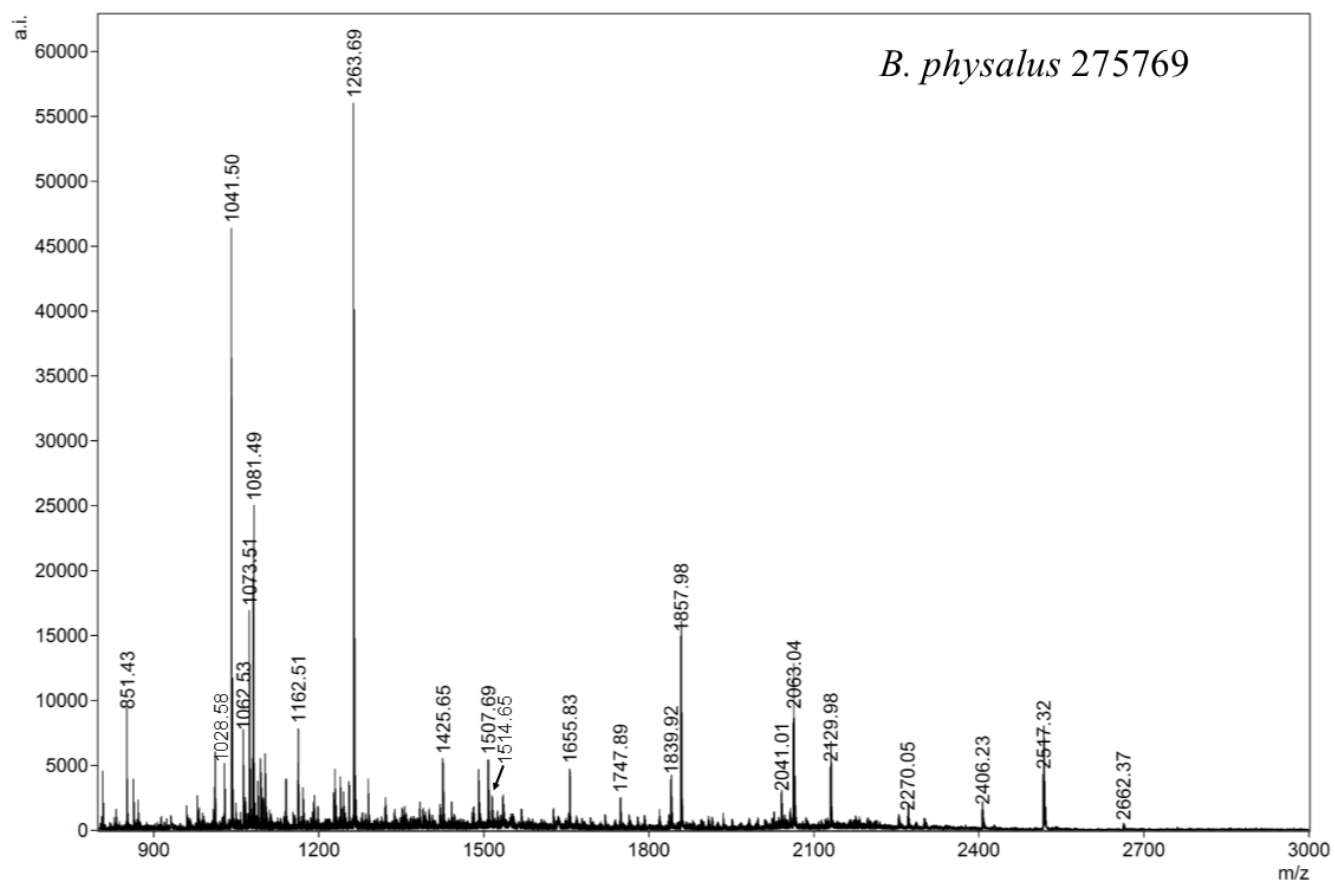


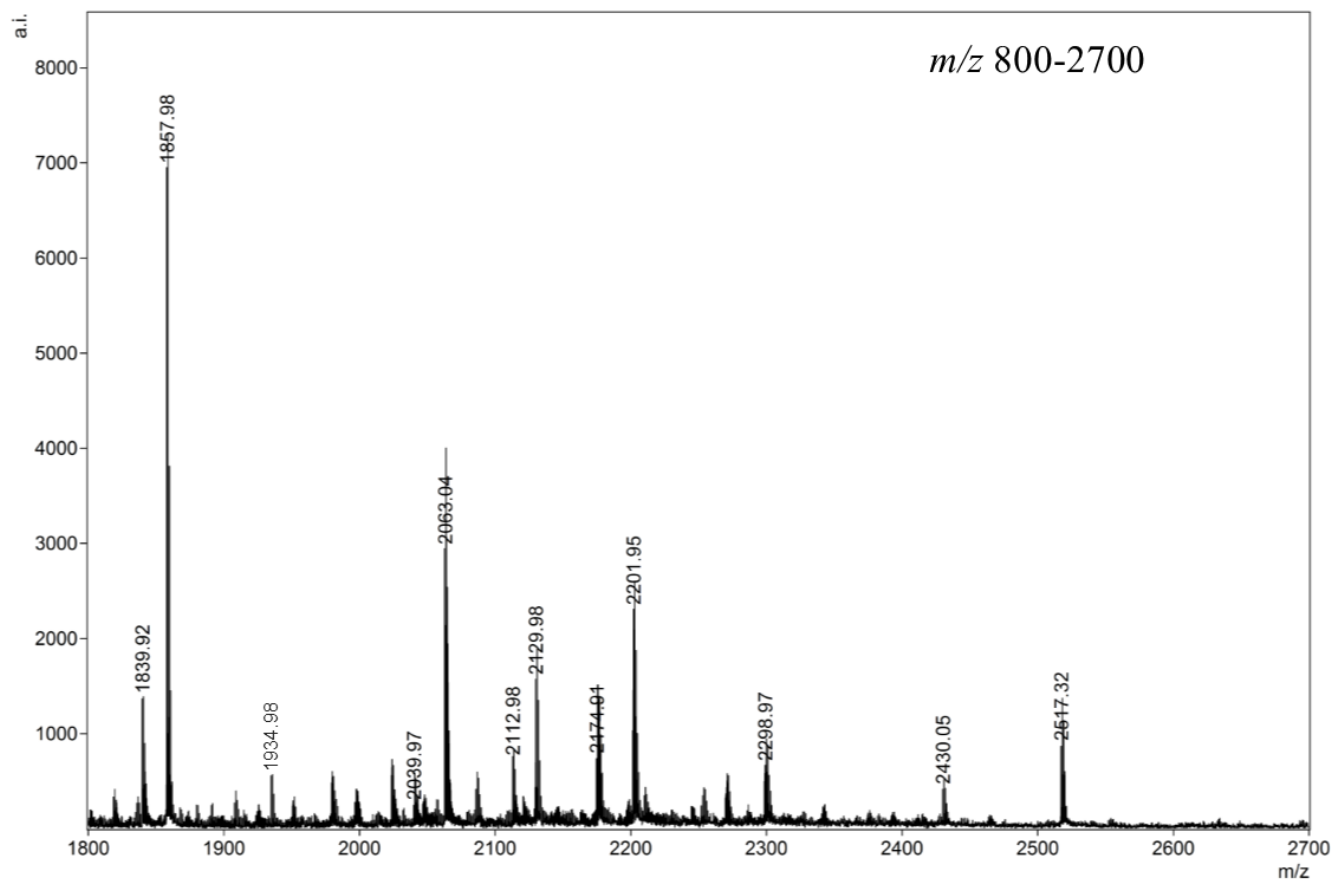
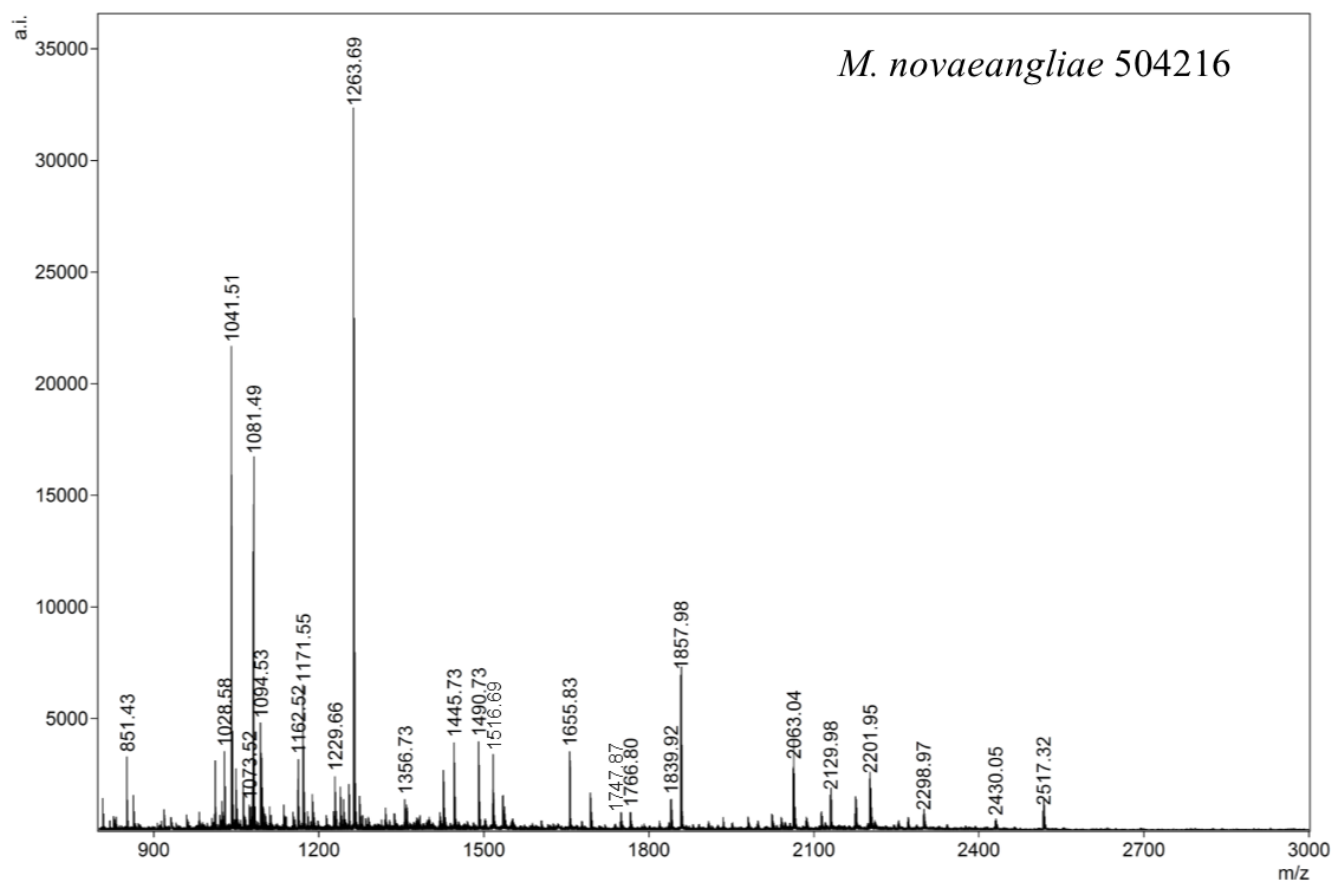


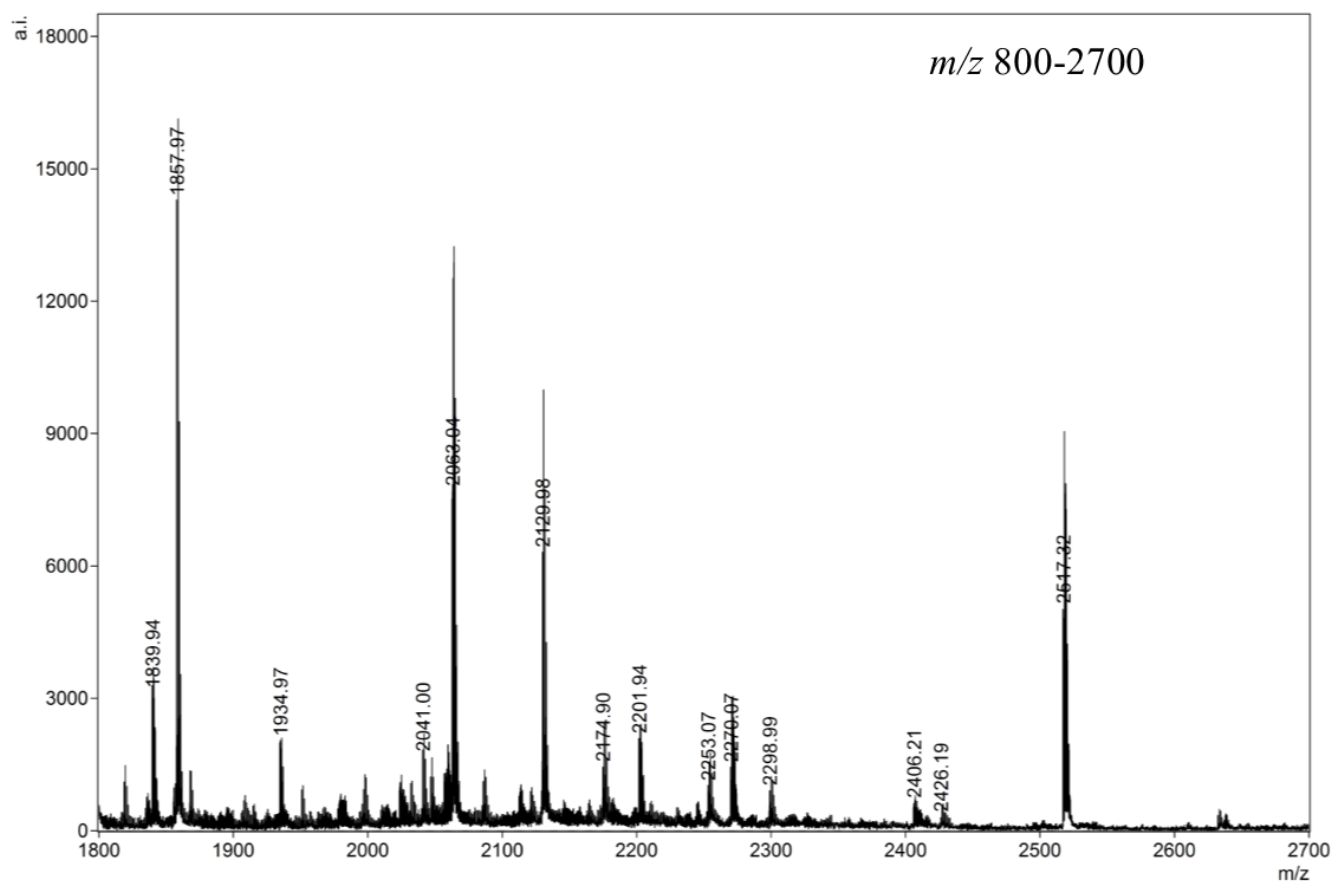
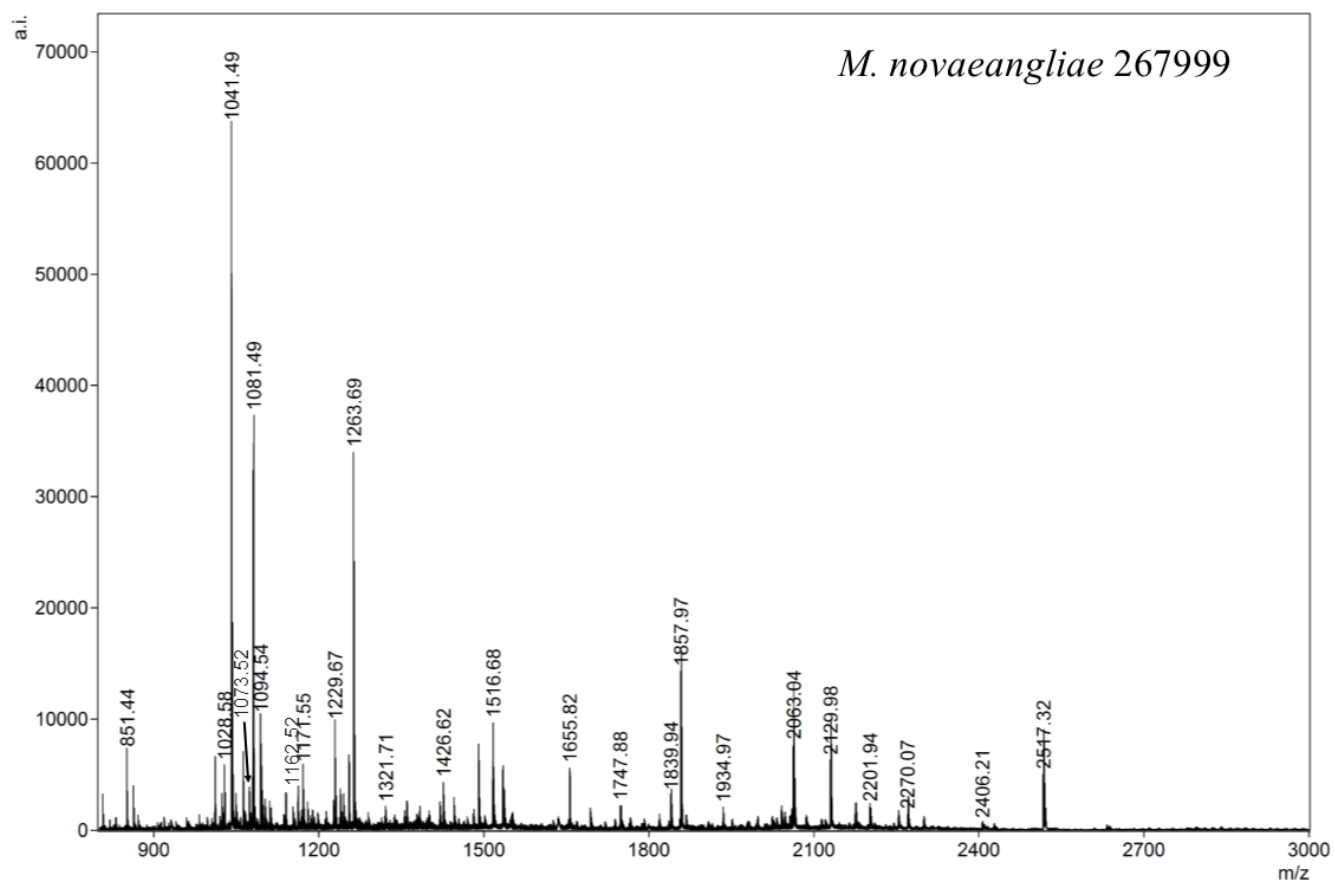


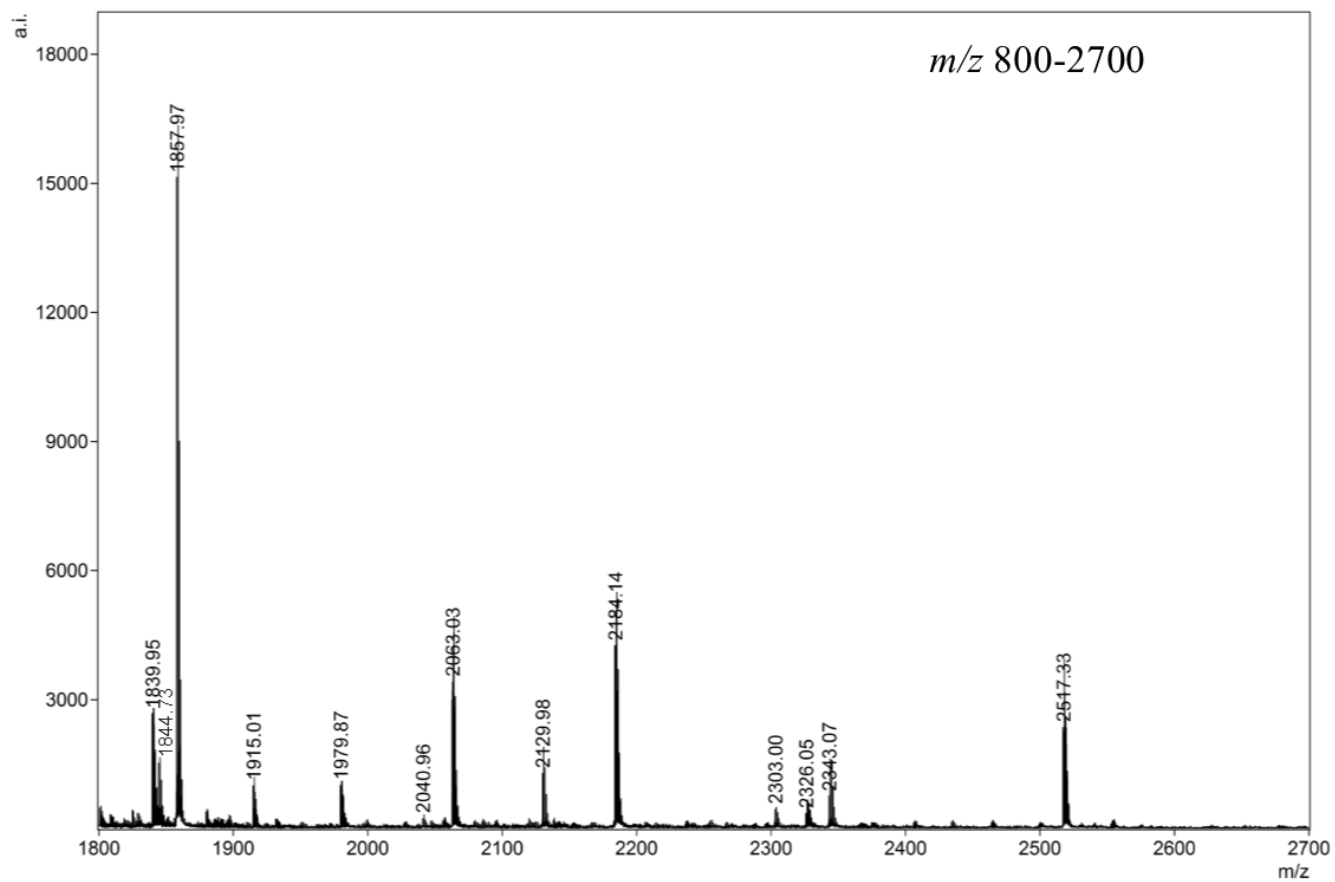
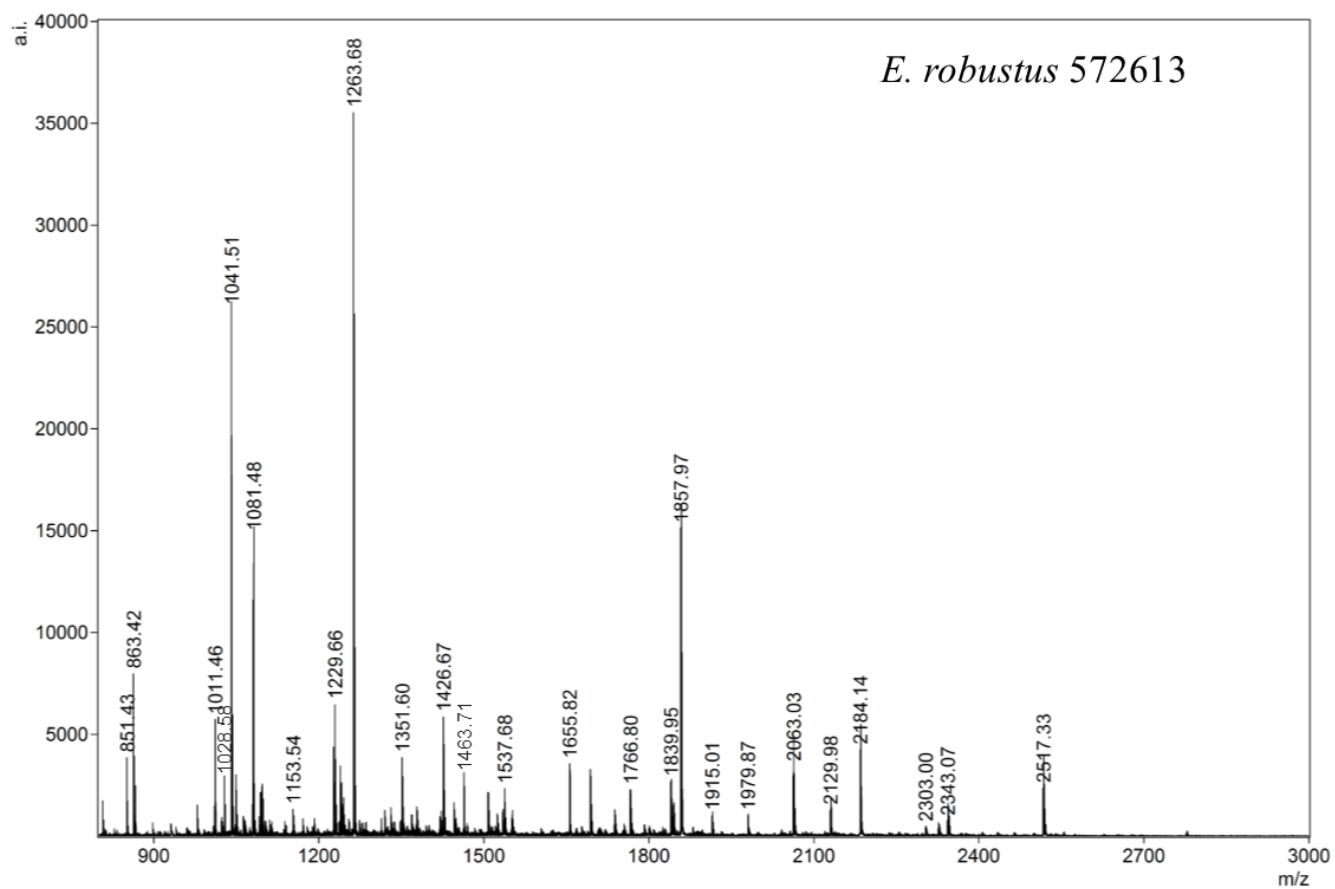






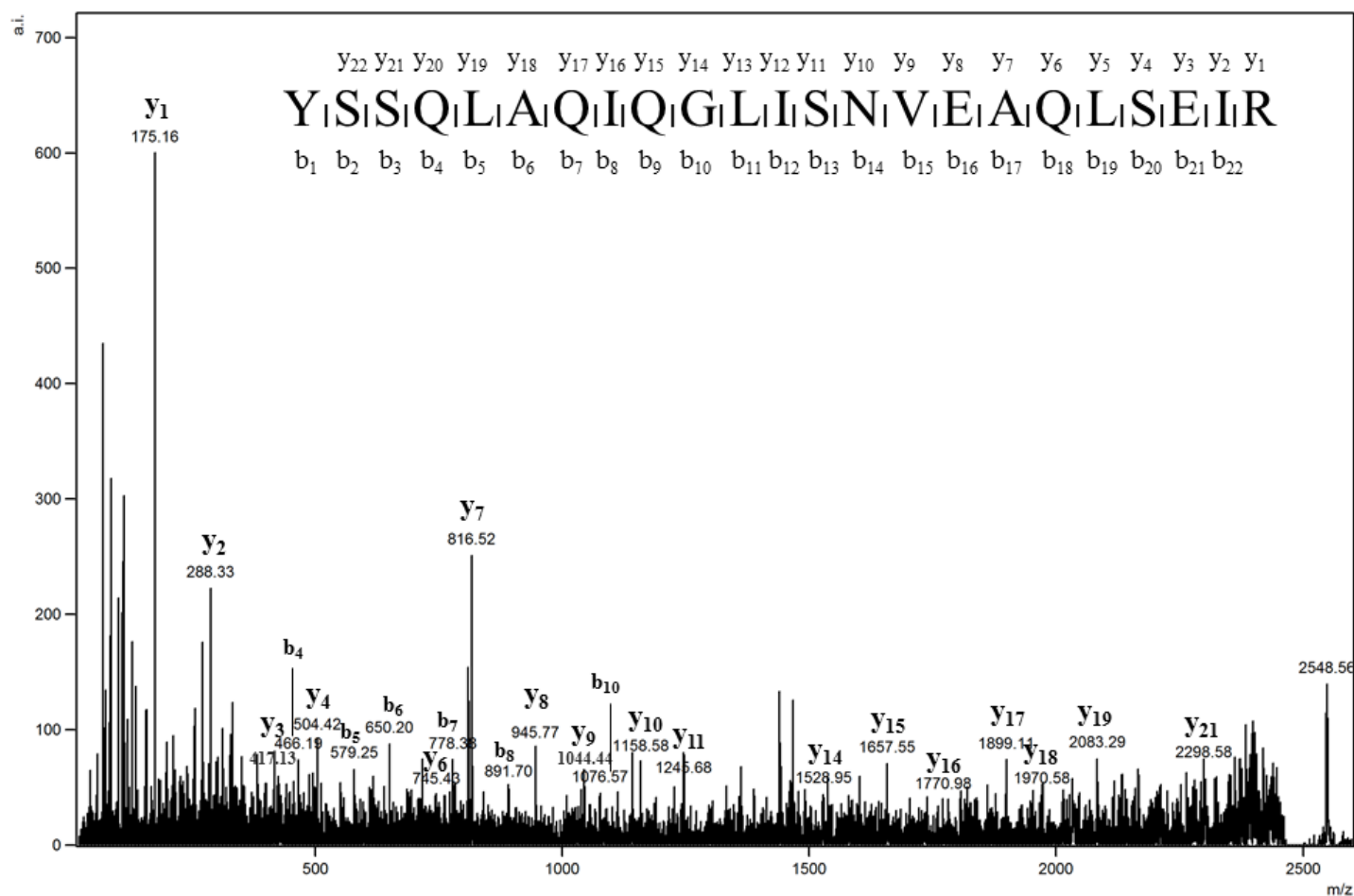






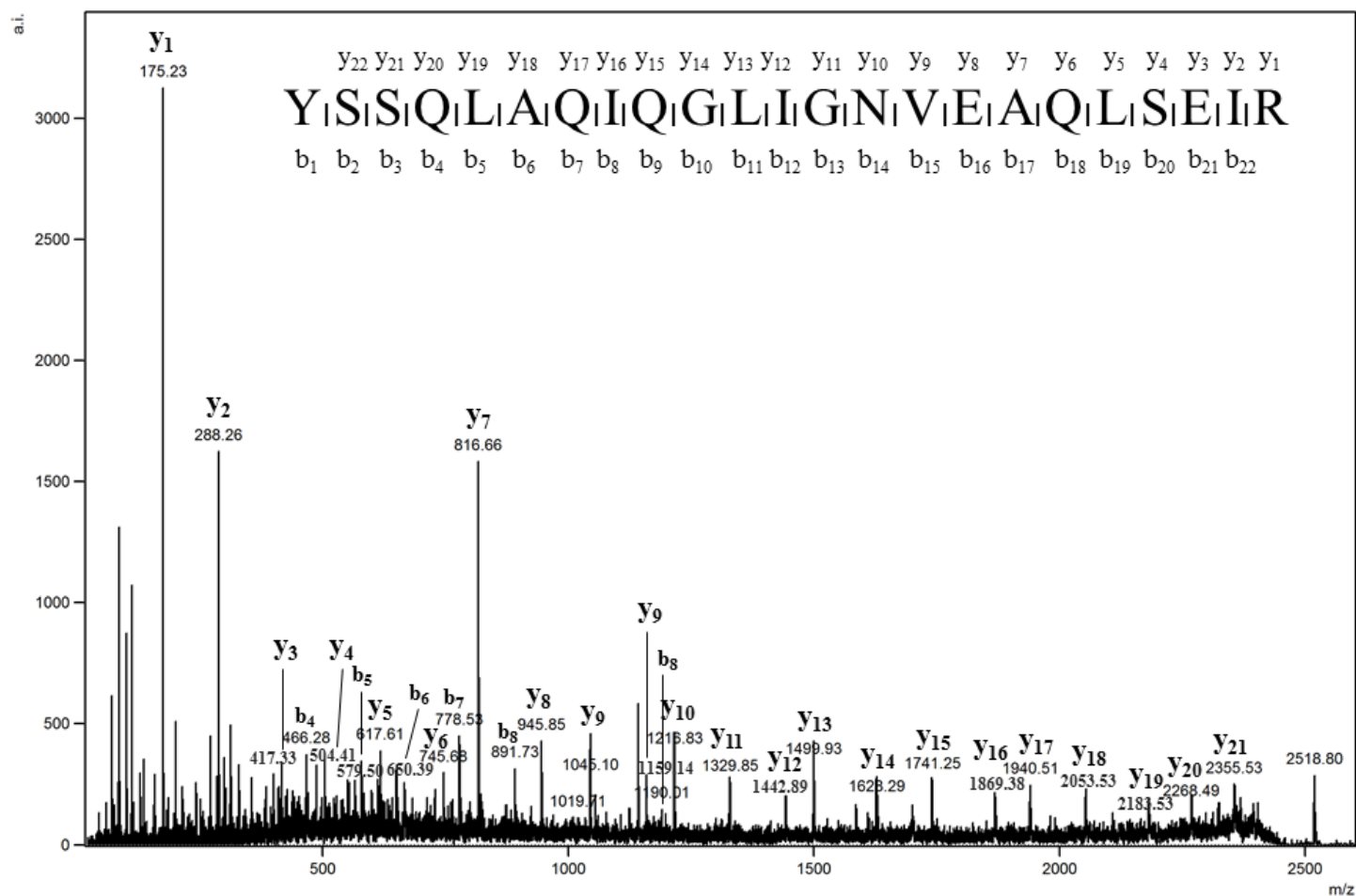
YSSQLAQIQLISNVEAQLSEIR: m/z 2547.34

B. brydei specimen 504689



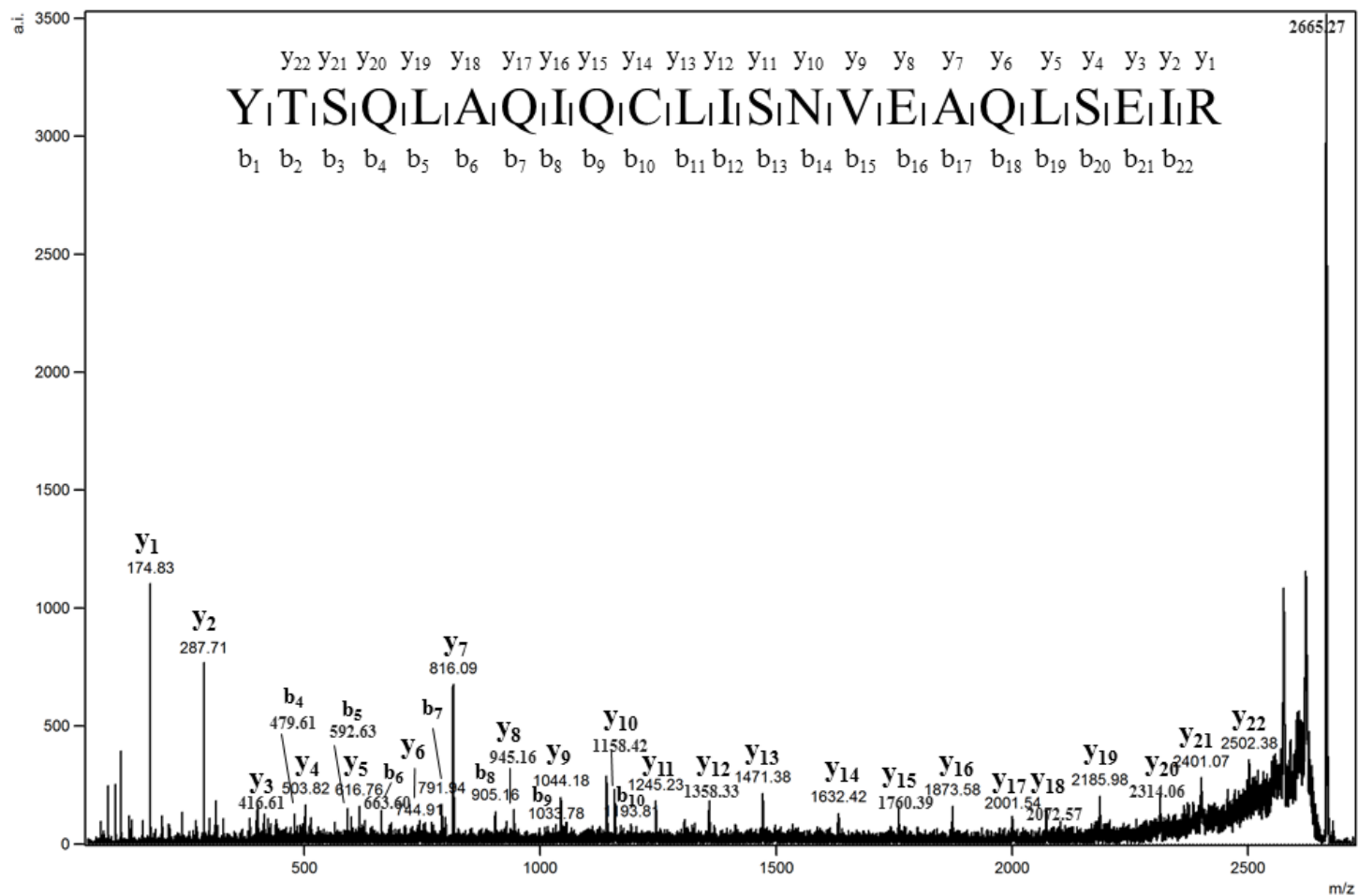
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E. robustus specimen 504999



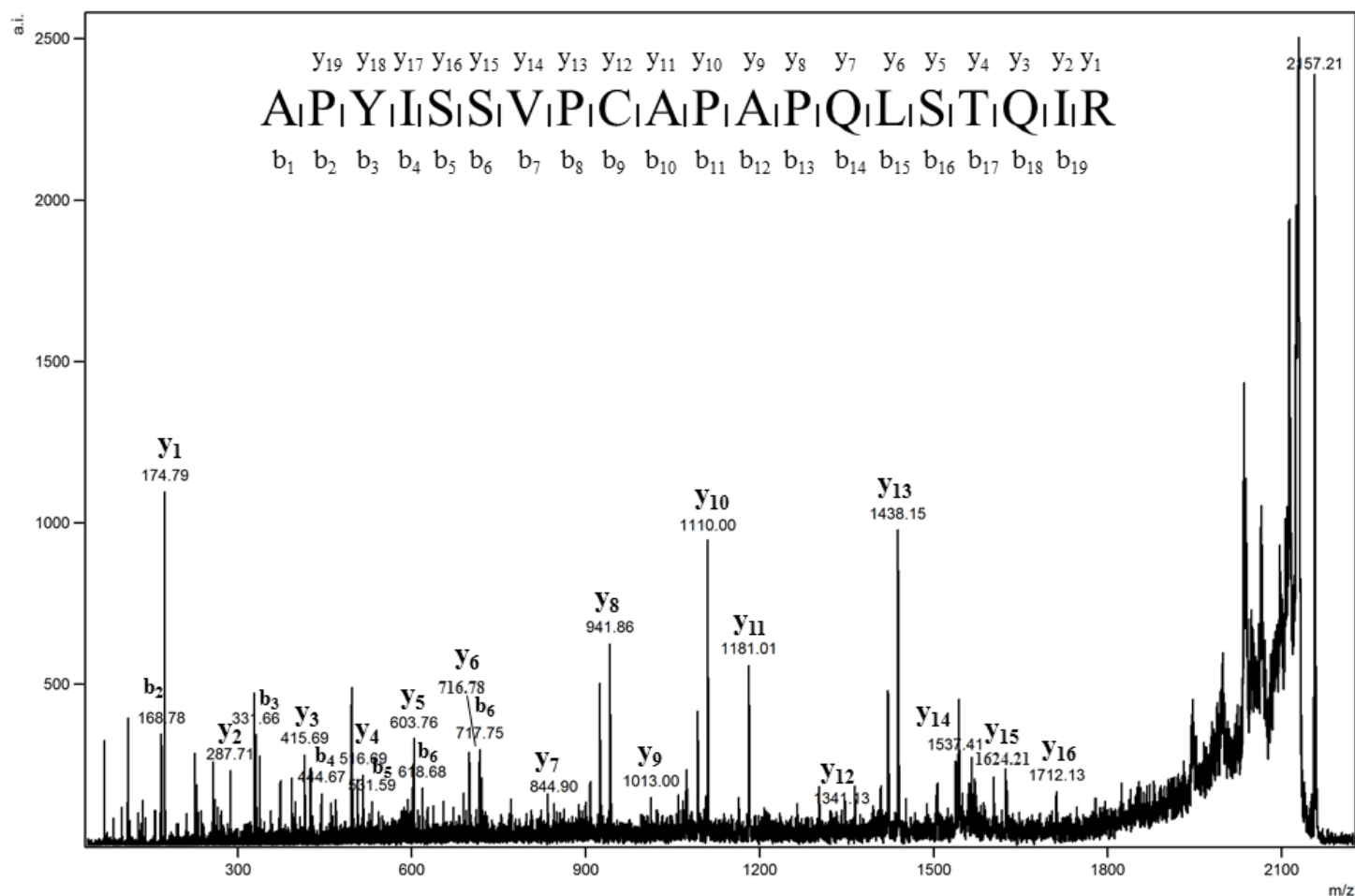
YTSQLAQCLISNVEAQLSEIR: m/z 2664.37

E. japonica specimen 339990



APYISSVPCAPAPQLSTQIR (with Carbamidomethylation C): m/z 2156.12

B. brydei specimen 504074



VPYISSVPCAPAPQLSTQIR (with Carbamidomethylation C): m/z 2184.15

E. japonica specimen 339990

