

Supplementary materials

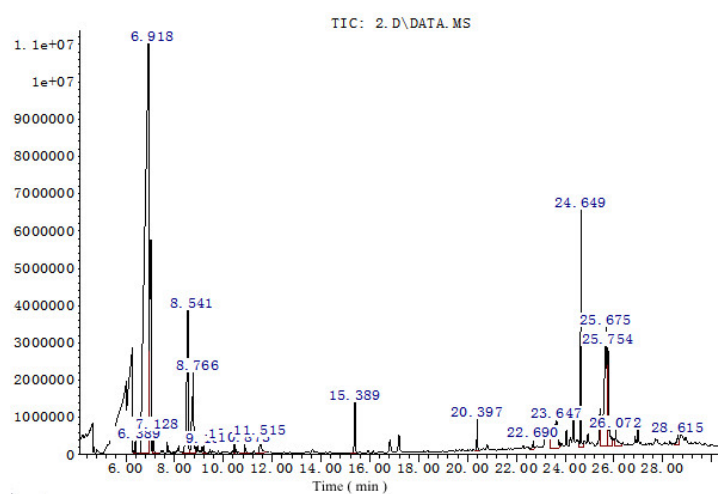


Figure S1. GC-MS analysis of compounds from *Bacillus subtilis* L1-21.

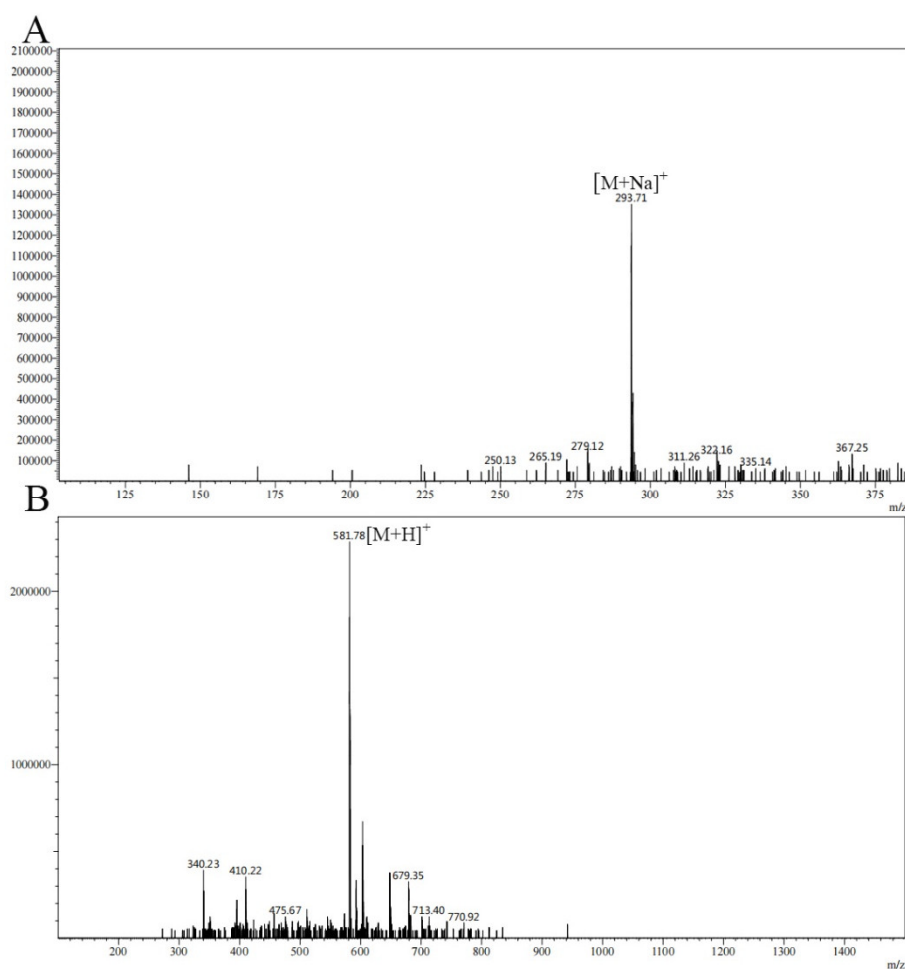


Figure S2. LC-MS (A) Baciysin, $[M+Na]^+$ +293.17, (B) Bacillaene, $[M+H]^+$ +581.78.

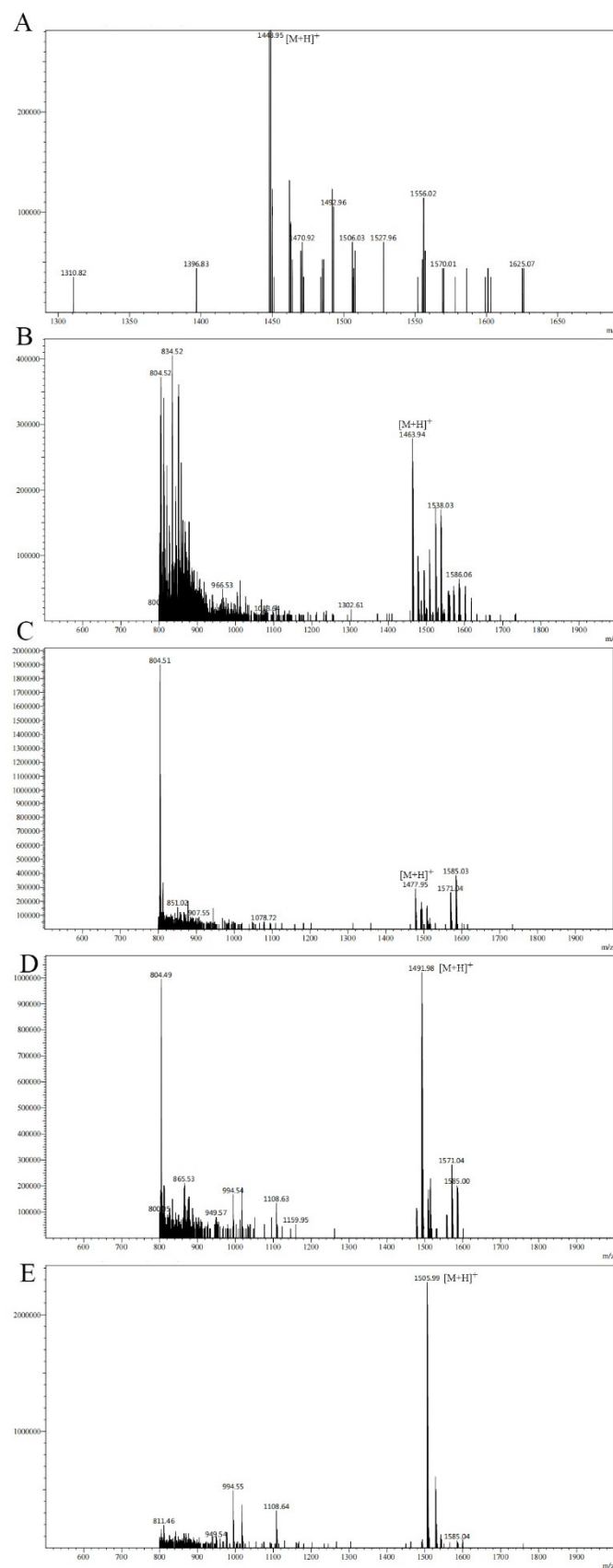


Figure S3. LC-MS fengycin A $[M+H]^+$ 1449.95, B $[M+H]^+$ 1463.97, C $[M+H]^+$ 1477.95, D $[M+H]^+$ 1491.98, E $[M+H]^+$ 1505.99.

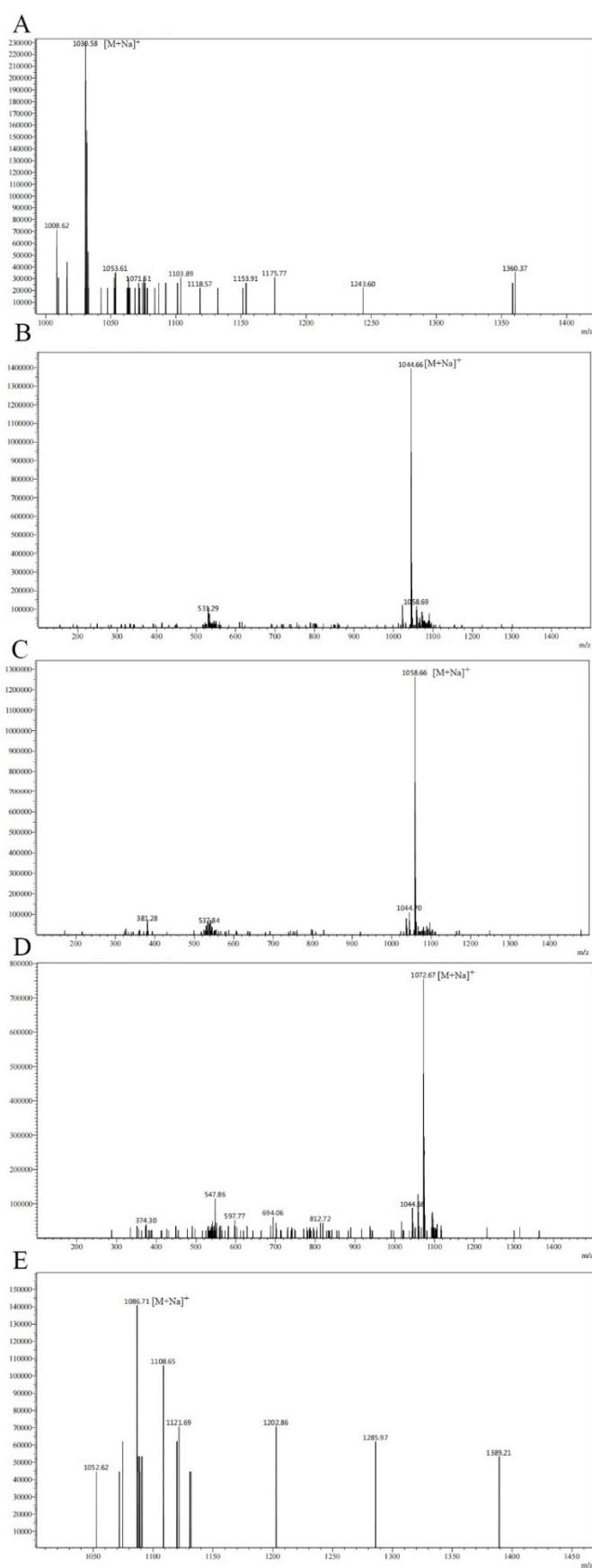


Figure S4. LC-MS Surfactin A[M+Na]+1030.58, B[M+Na]+1044.66, C[M+Na]+1058.66, D[M+Na]+1072.67, E[M+Na]+1086.71.

