Supplementary materials

Quorum quenching in a novel *Acinetobacter* sp. XN-10 bacterial strain against *Pectobacterium carotovorum* subsp. *carotovorum*

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a

b

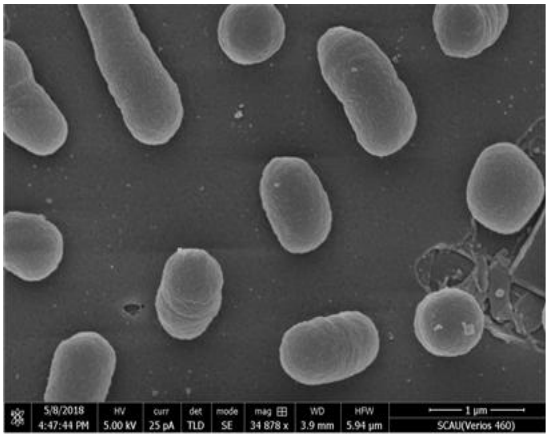

Figure S1. Morphological characteristics of strain XN-10. (a) Colony morphology of strain XN-10. (b) Scanning electron micrograph of strain XN-10.

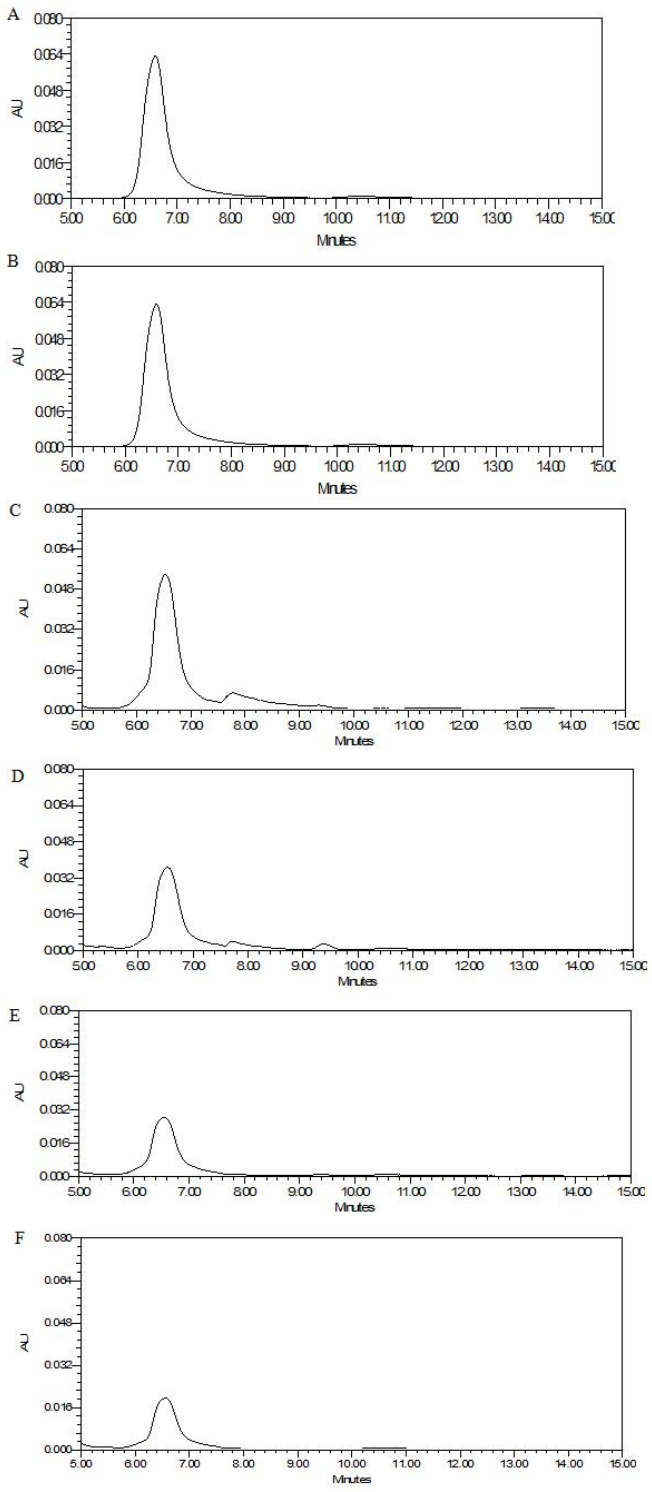

Figure S2. The residual amount of OHHL at different times detected by HPLC. Panel A is MSM with OHHL alone as a control group; Panels B, C, D, E, and F are the remaining OHHL after utilization by strain XN-10 at 0, 1, 2, 3, and 4 days, respectively.

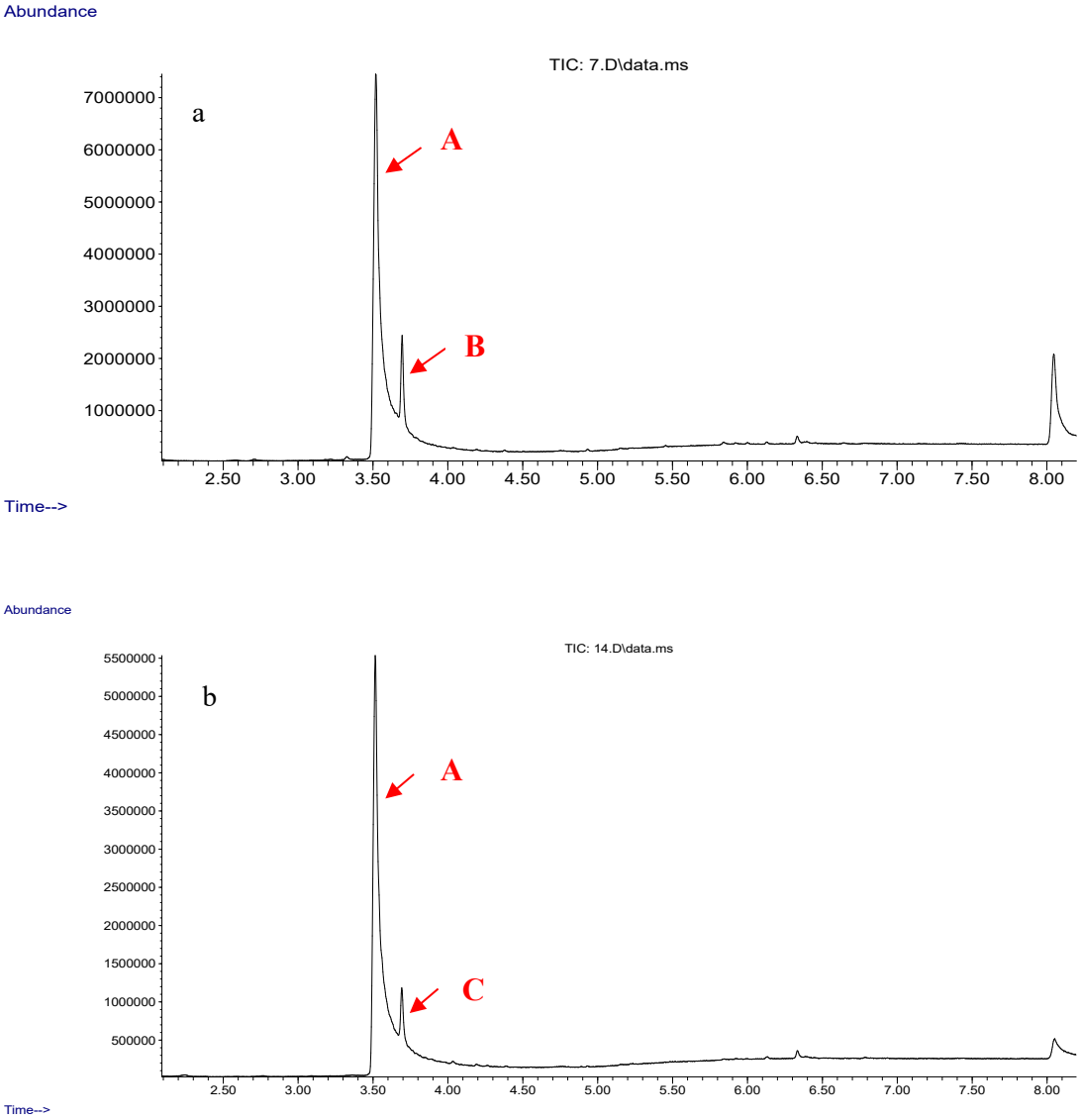

Figure S3. Full scan mass spectrum of the AHL degradation products by strain XN-10. a: 12 h; b: 24 h. A: Compound A; B: Compound B; C: Compound C.

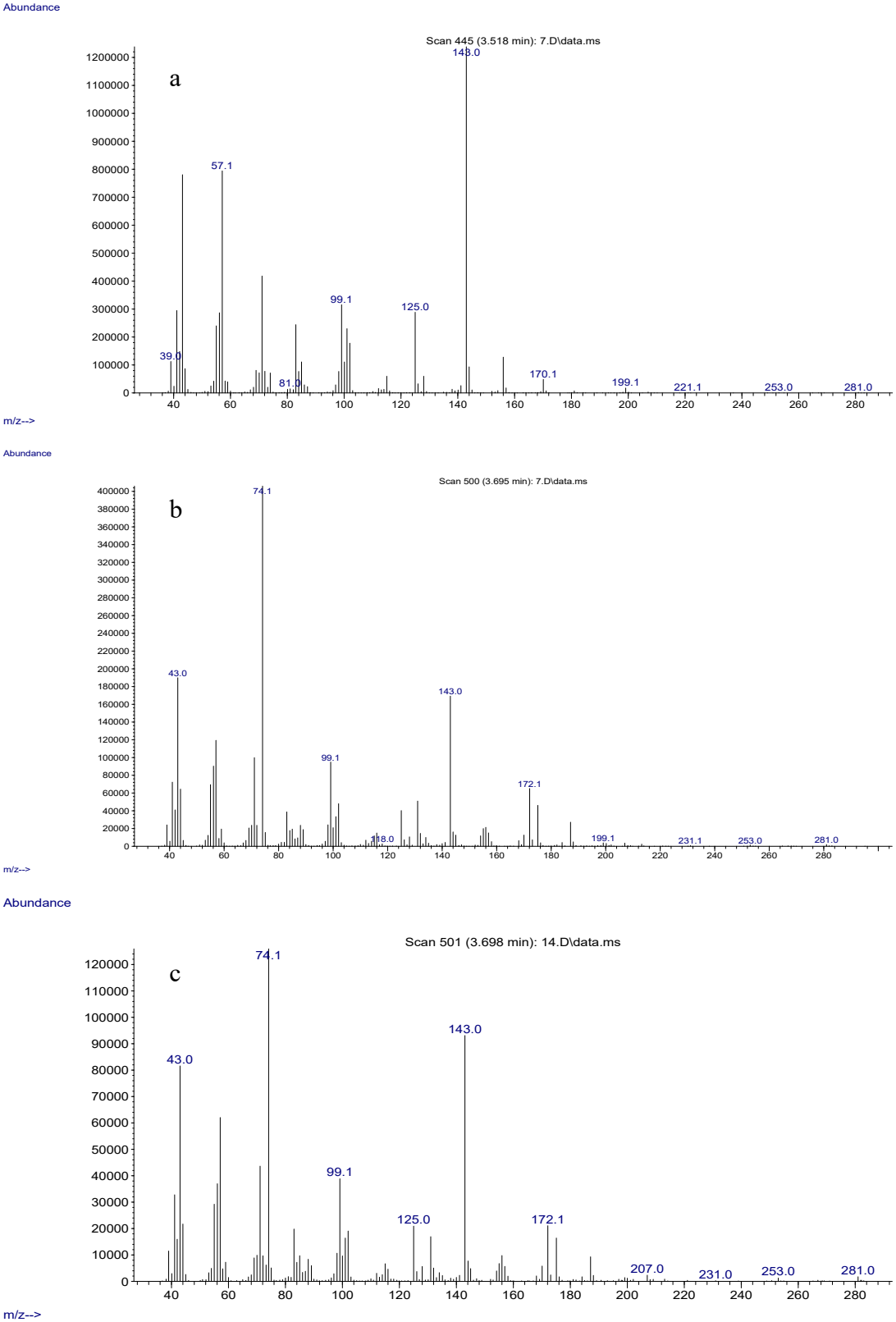

Figure S4. Mass spectra of AHL degradation products by strain XN-10. (a) AHL; (b) *N*-cyclohexyl-propanamide; and (c) Pentanoic acid, 4-methyl, methyl ester.

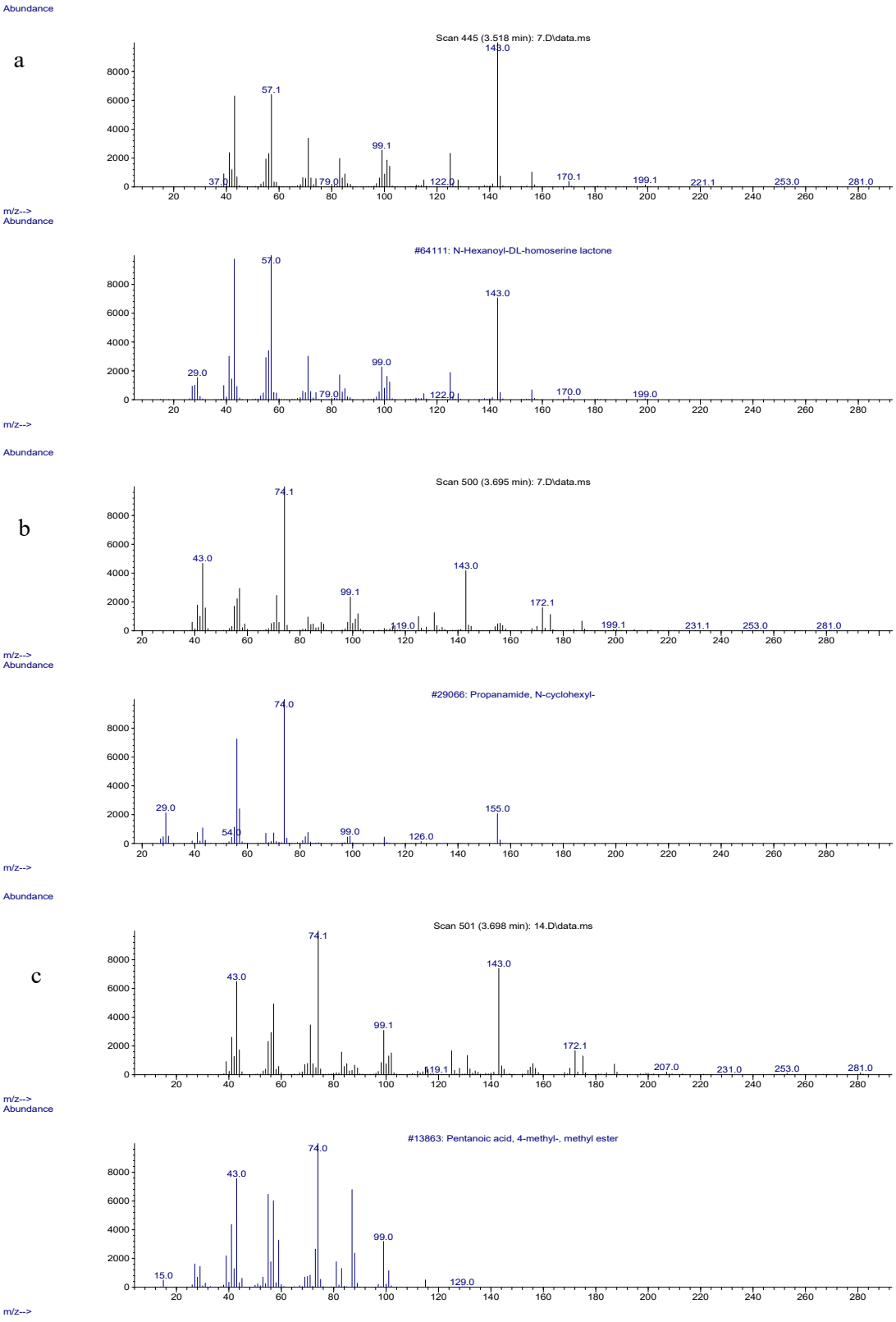

Figure S5. Mass spectra of degradation products of AHL by strain XN-10 in the NIST library database. A: AHL; B: *N*-cyclohexyl-propanamide; and C: Pentanoic acid, 4-methyl, methyl ester.