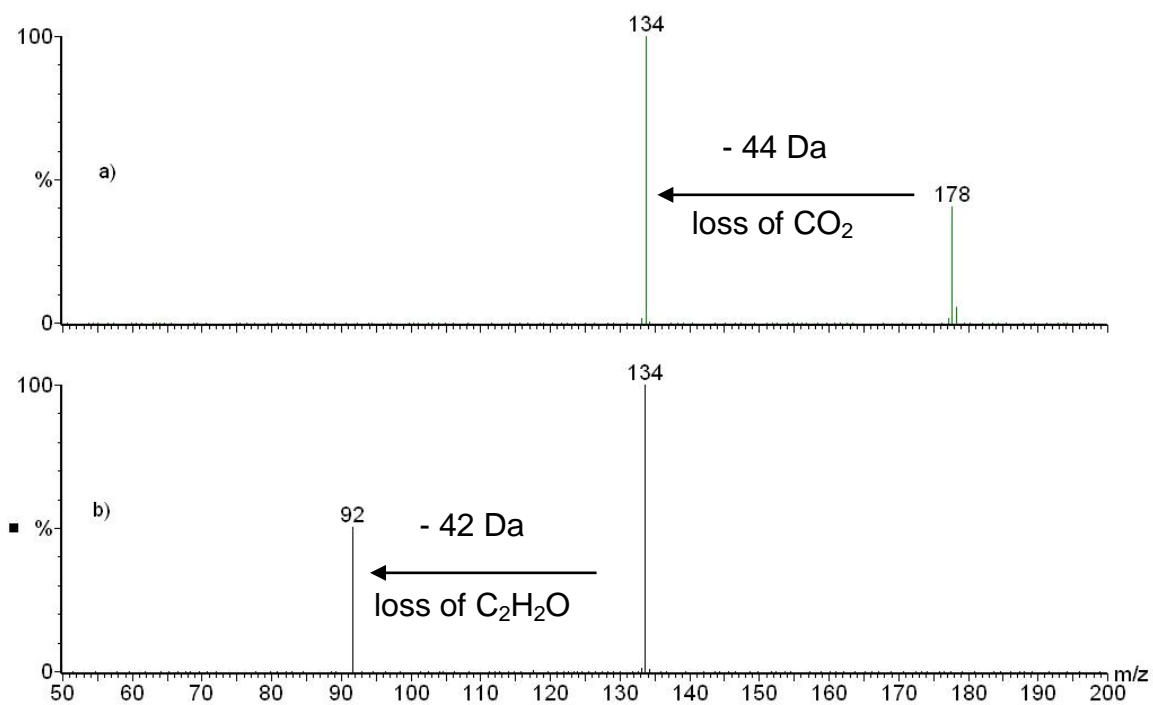


Supplemental Figure S1 (related to Figure 2): Effect of dodecanoic acid addition on production of various *Pseudomonas aeruginosa* secondary metabolites. Production of (a) pyocyanin, (b) 3-oxo-C₁₂-HSL and (c) the sum of PQS, HHQ and HQNO in a *P. aeruginosa* PA14 control culture in TSB (▲) and upon supplementation with 1 mM dodecanoic acid (■). Data are represented as mean +/- SD.



Supplemental Figure S2 (related to Figure 3): Negative electrospray MS/MS spectrum of 2-ABA purified from *P. aeruginosa* culture supernatant. Collision energy of (a) 5 eV and (b) 15 eV.

Supplemental Table S1. PCR primers.

Used for the construction of various new expression plasmids listed in Table 1.

Name	Sequence <i>(sequence that hybridizes with DNA template is highlighted)</i>
F-PqsC-NdeI	5' ACACACCATCATATGCATAAGGTCAAAGTGGC 3'
R-PqsC-EcoRI	5' ACACACCATGAATTCAGCAACAGGTCGATGTCCTC 3'
F-PqsB-XbaI	5' GACTTCTAGAATGTTGATTCAGGCTGTGGG 3'
R-PqsBHisTag-SacI	5' GAGCTCTTTGTTAGCAGCCGGATCTC 3'
F-PqsB-NdeI	5' ACACACACACATATGTTGATTCAGGCTGTGGG 3'
R-PqsB-HindIII	5' ACACACACAAAGCTTCTATTATGCATGAGCTTCTCCCG 3'
PqsC_C129A	5' GATTCGCAGATGGAGGCCGCCAGCTTCCTGCT 3'
PqsC_C129A-Antisense	5' AGCAGGAAGCTGGCGGCCTCCATCTGCGAATC 3'