

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

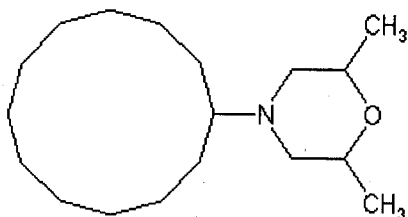
Analyte: Dodemorph

CAS No.: 1593-77-7

Formula: C₁₈H₃₅NO

Molecular mass (lowest isotopes): 281,27 amu

Structure:



Ionisation: ESI +

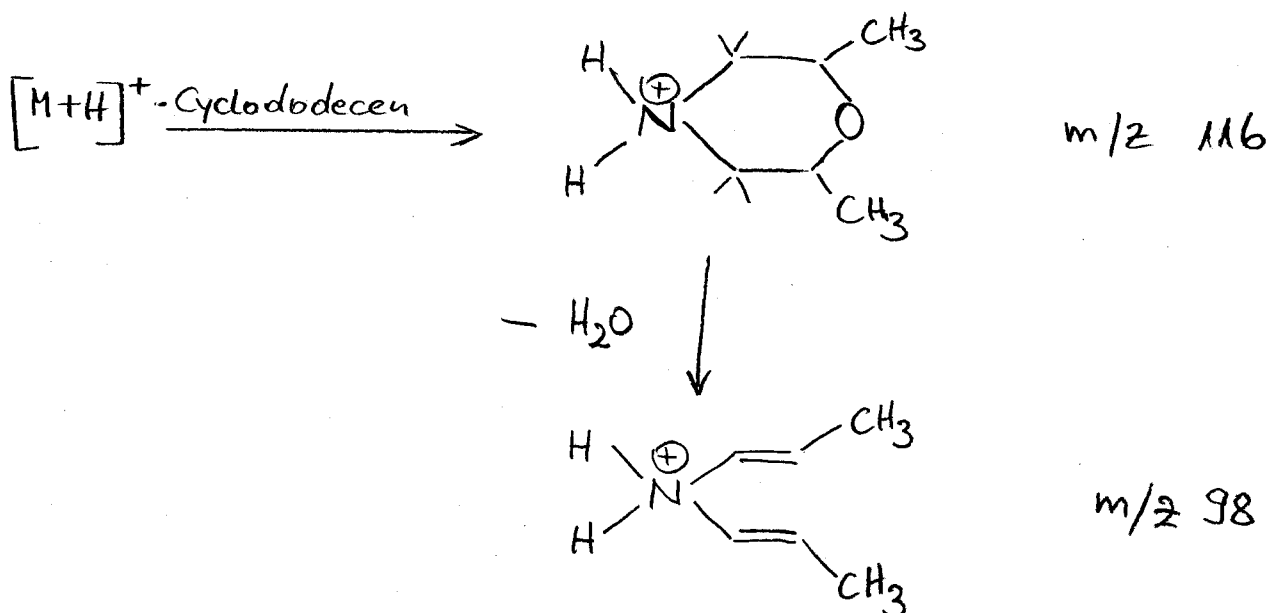
Quasimolecular ion: 282,3 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	282,3 → 116,1	282,3 → 98,2
Declustering potential (DP) ^{*)}	49 V	49 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	29 V	39 V
Collision cell exit potential (CXP)	6 V	4 V

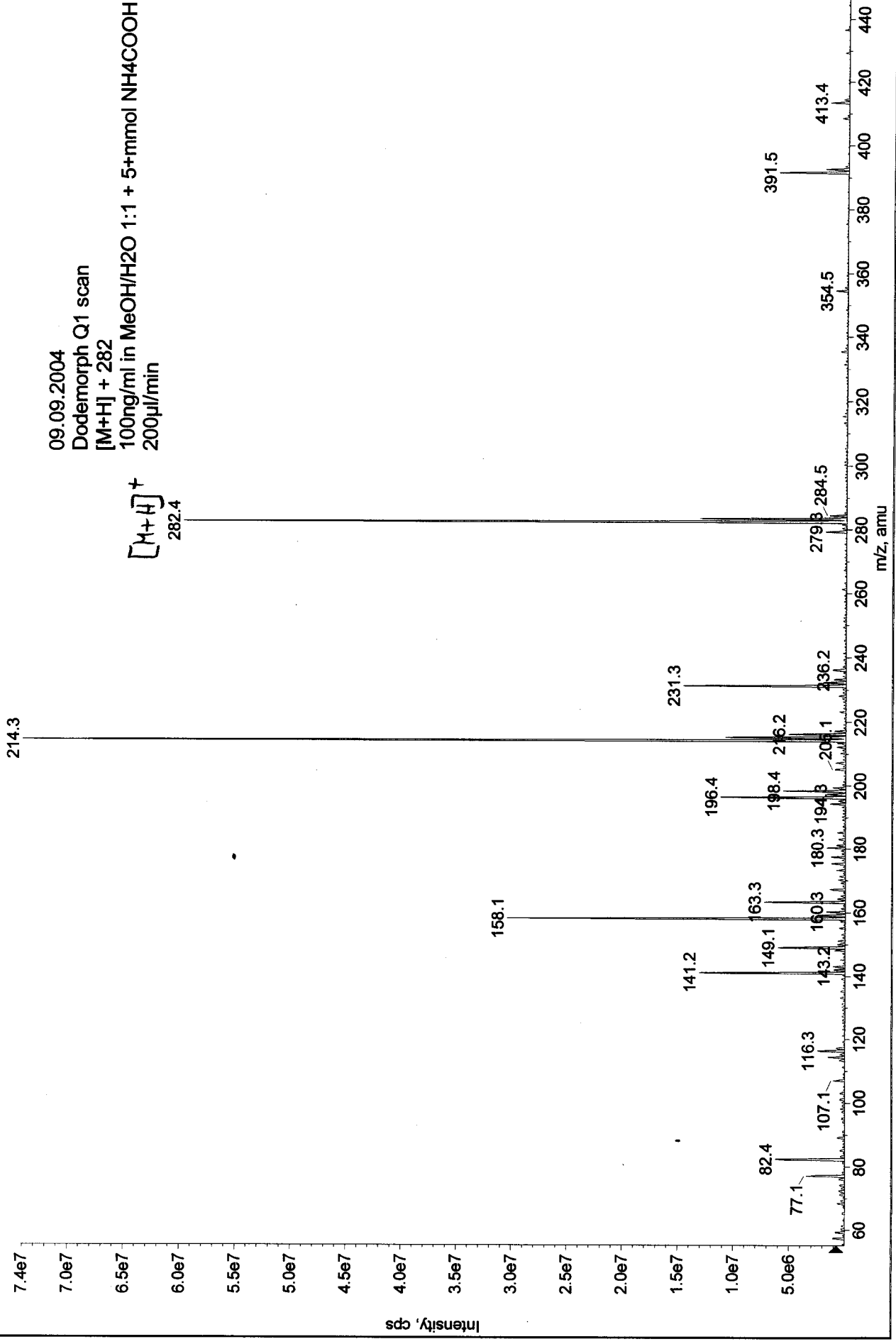
^{*)} For API 3000 and 4000 enhance DP by 20V

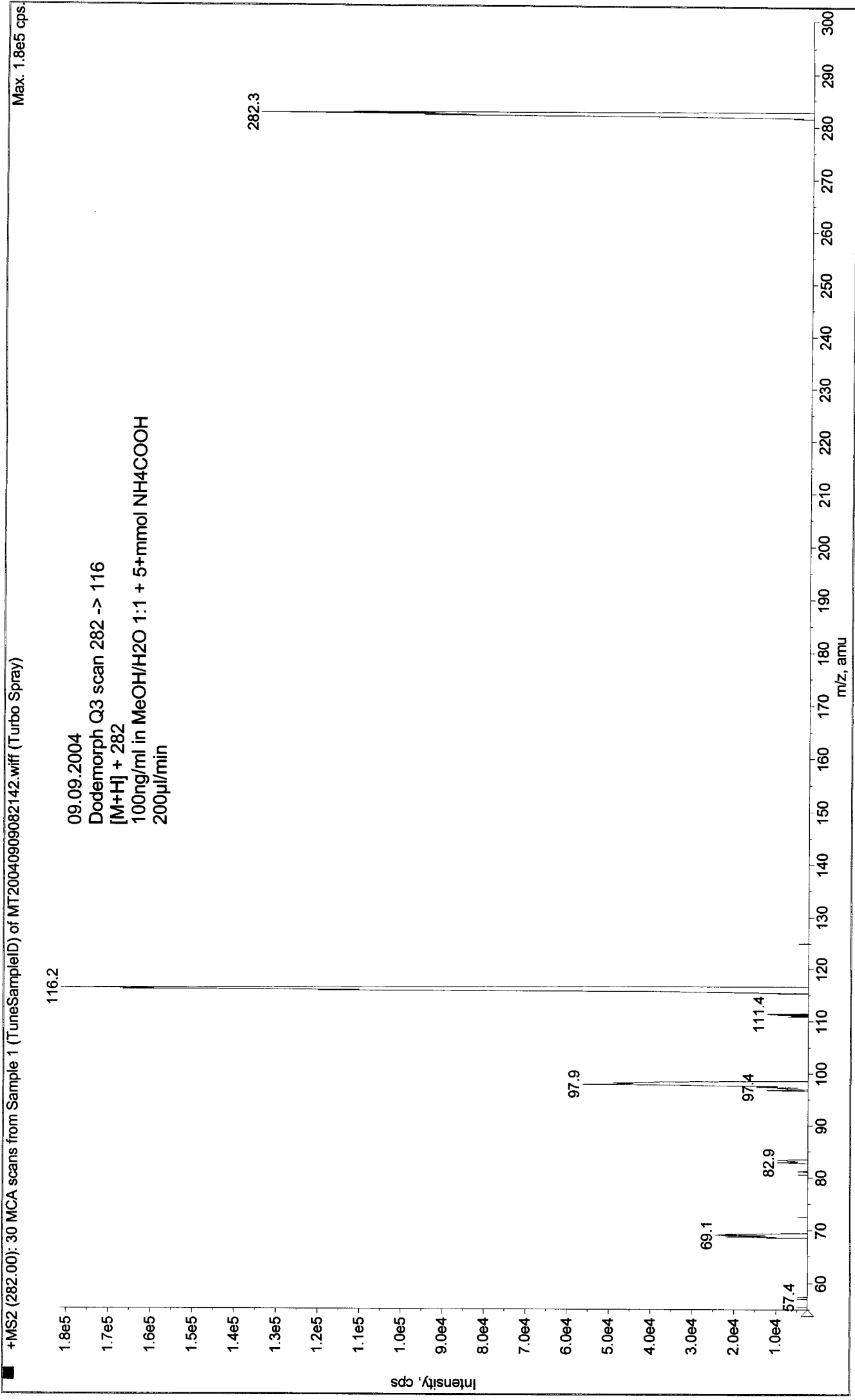
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040909081714.wiff (Turbo Spray)

Max. 7.4e7 cps





+MS2 (282.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040909084033.wiff (Turbo Spray) Max. 1.1e5 cps

