

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

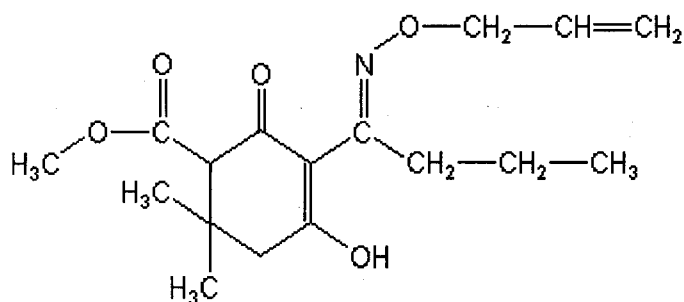
Analyte: Alloxydim

CAS No.: 55634-91-8

Formula: C₁₇H₂₅NO₅

Molecular mass (lowest isotopes): 323,17 amu

Structure:



Ionisation: ESI +

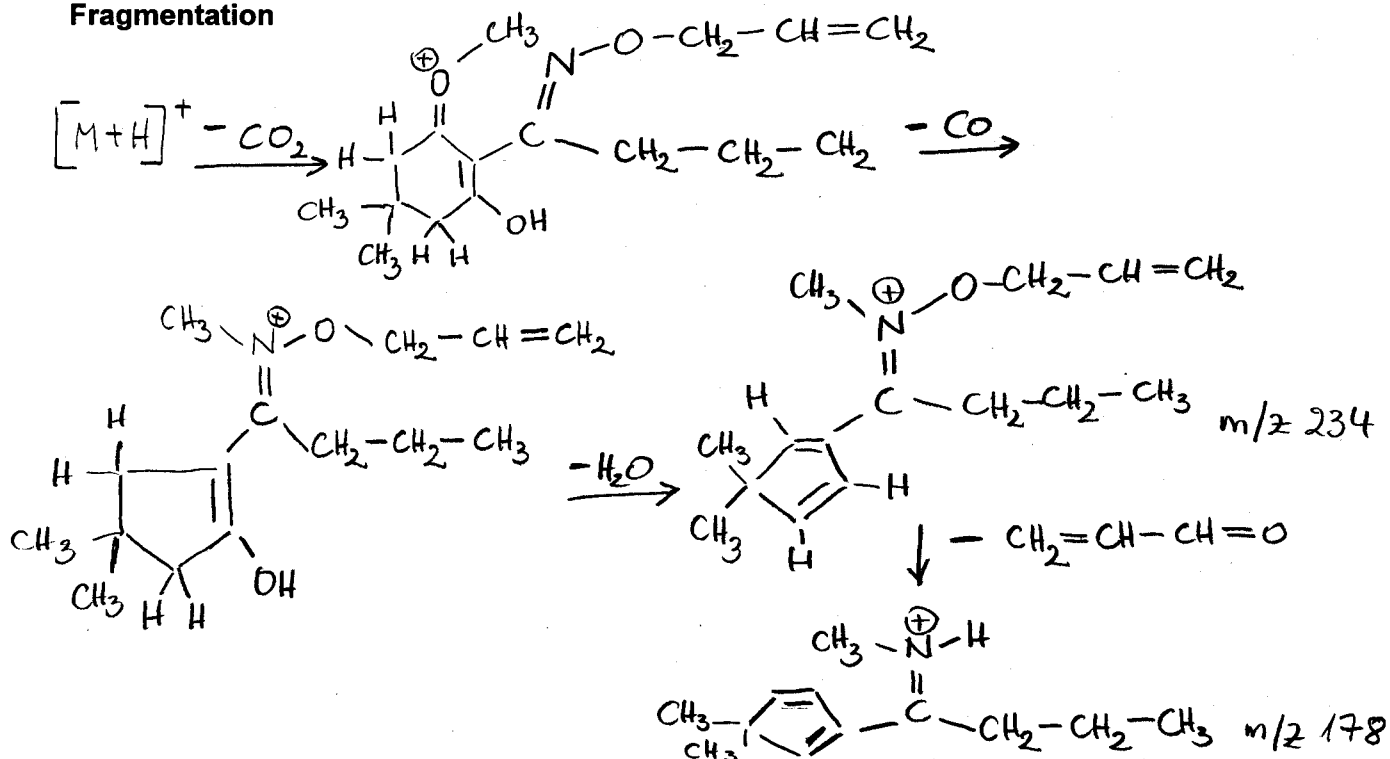
Quasimolecular ion: 324,2 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	324,2 → 178,3	324,2 → 234,2
Declustering potential (DP) ^{*)}	11 V	11 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	9,0 V	9,5 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	27 V	19 V
Collision cell exit potential (CXP)	8 V	12 V

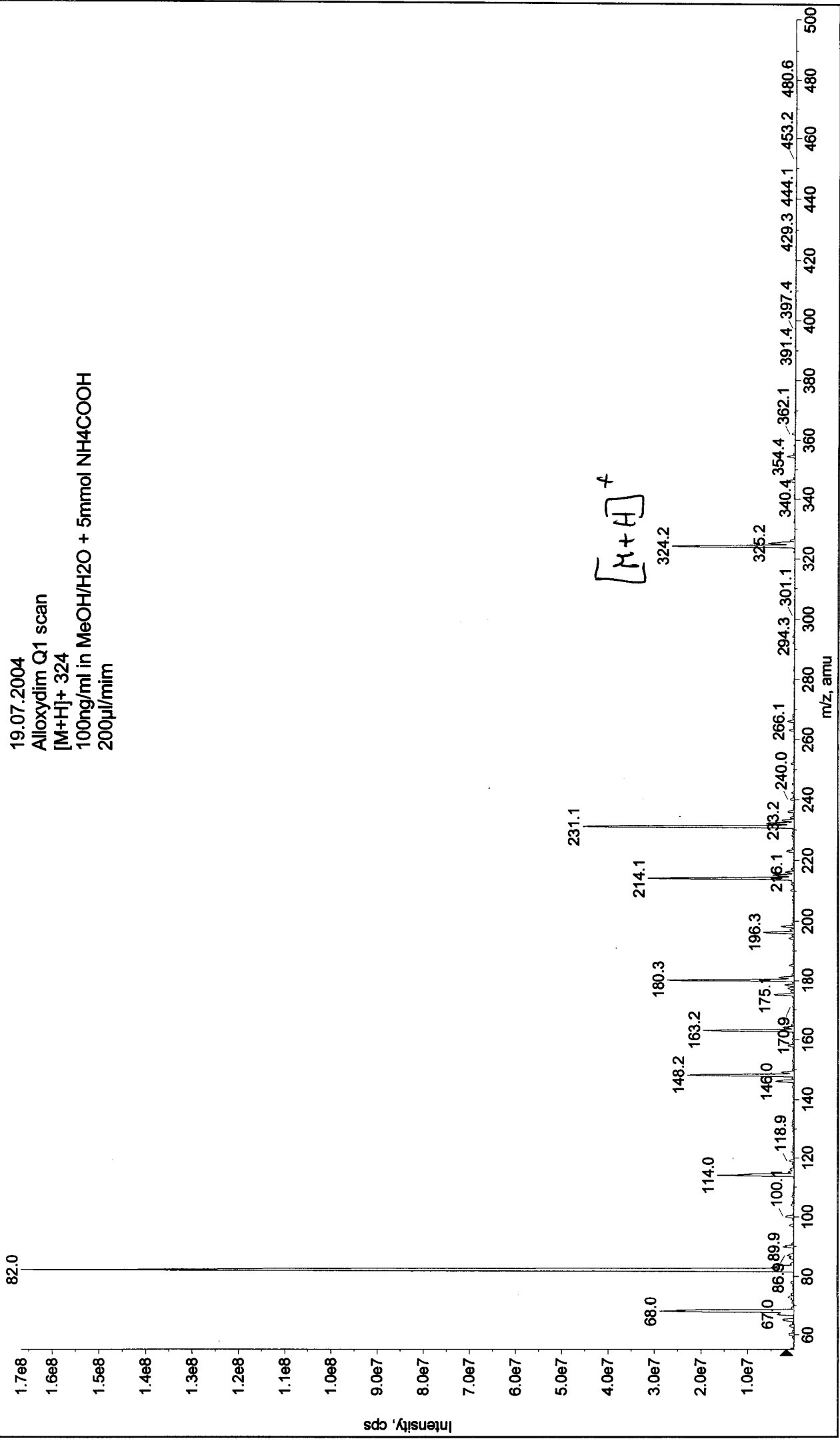
^{*)} For API 3000 and 4000 enhance DP by 20V

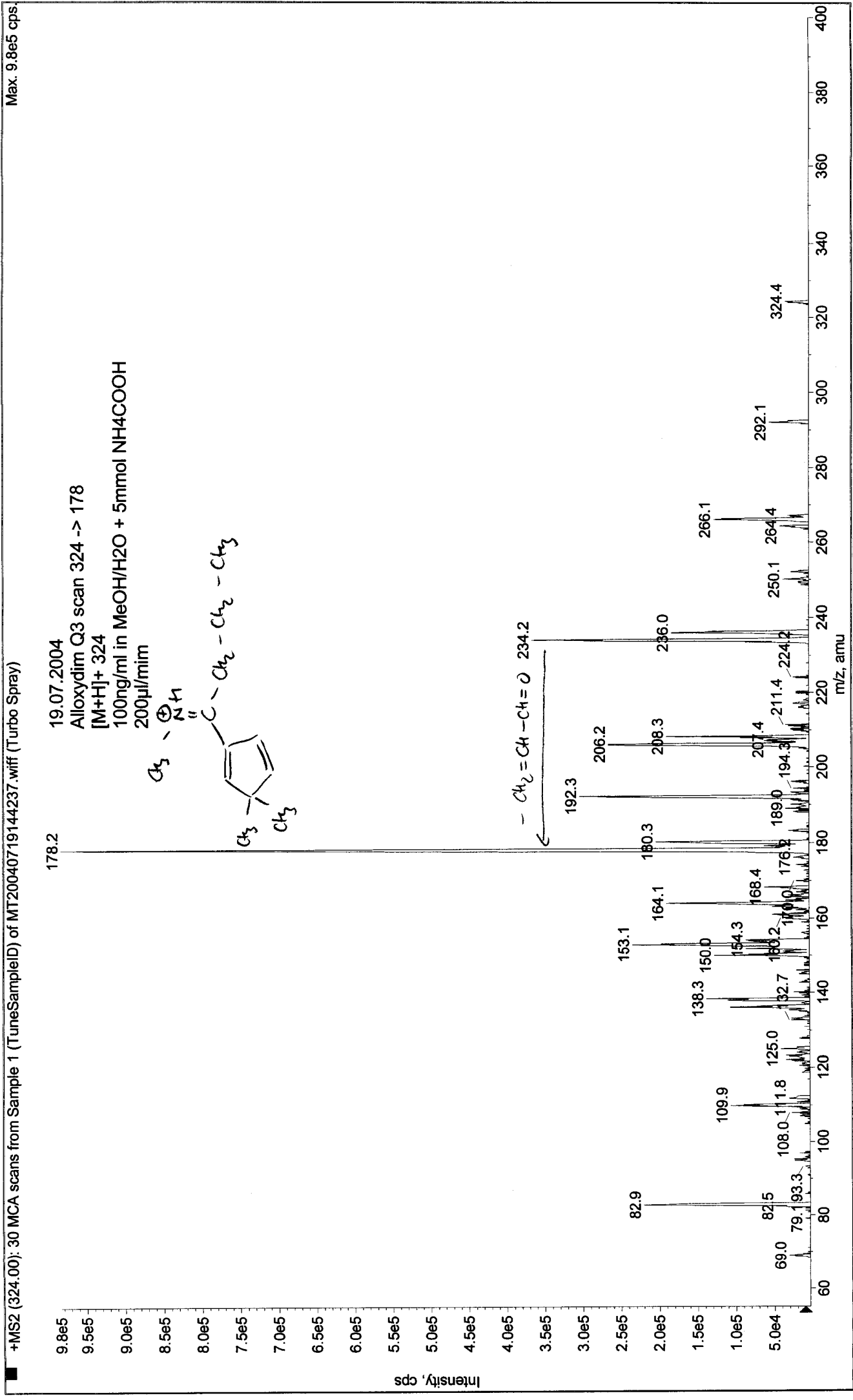
Fragmentation



Max. 1.7e8 cps

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719144018.wiff (Turbo Spray)





Max. 7.5e5 cps

+MS2 (324.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719145335.wiff (Turbo Spray)

