

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

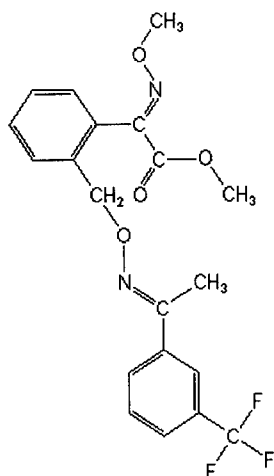
Analyte: Trifloxystrobin

CAS No.: 141517-21-7

Formula: C₂₀H₁₉F₃N₂O₄

Molecular mass (lowest isotopes): 408,13 amu

Structure:



Ionisation: ESI +

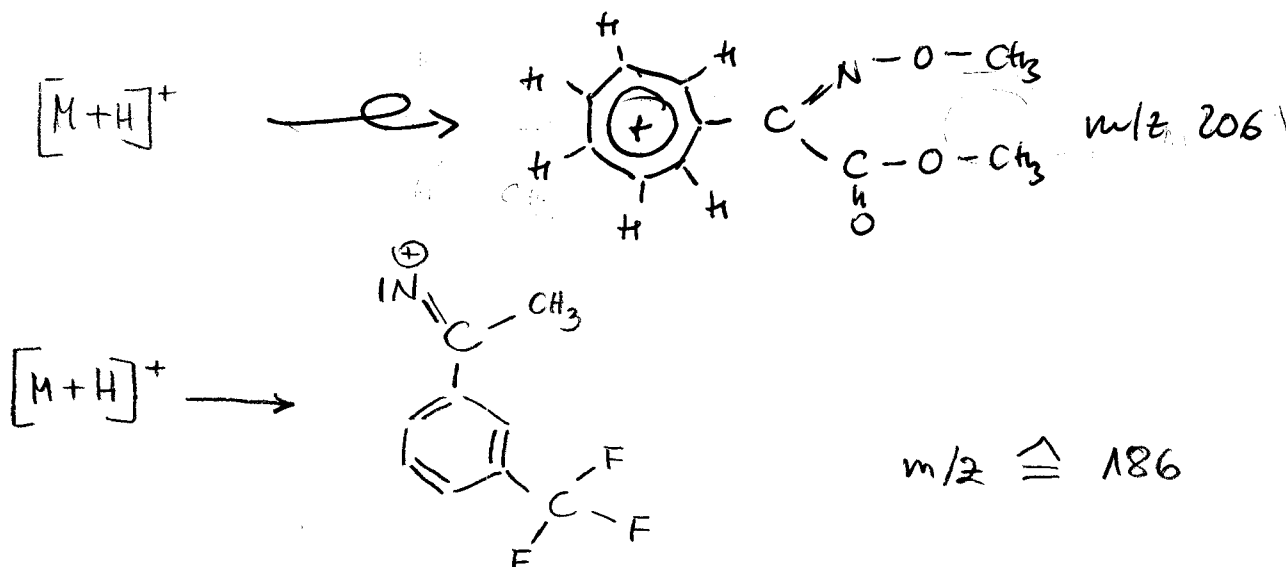
Quasimolecular ion: 409,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

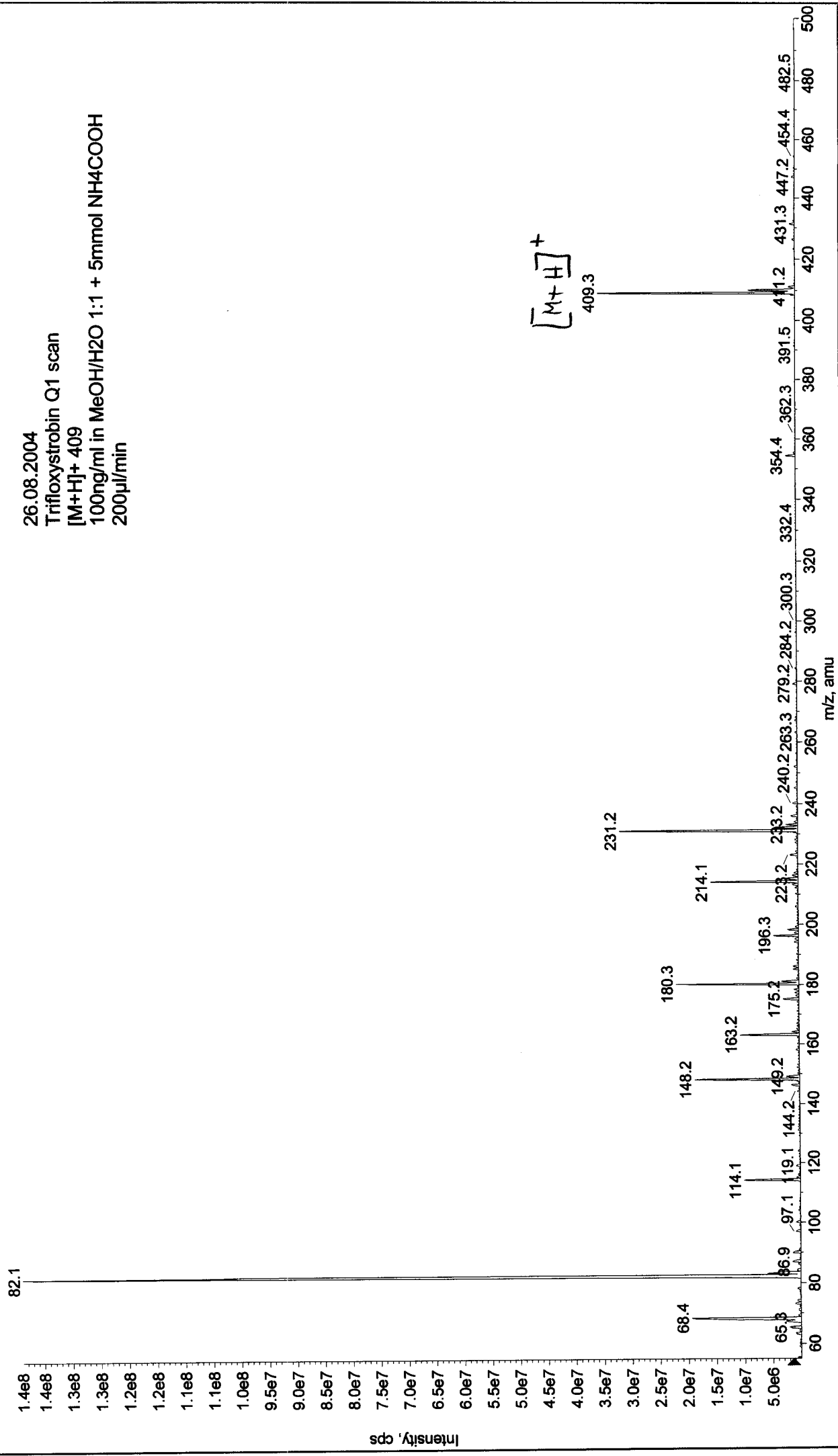
Transition	409,1 → 186,1	409,1 → 206,1
Declustering potential (DP)*)	9 V	9 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	7,5 V	8,5 V
Collision cell entrance potential (CEP)	26 V	22 V
Collision energy (CE)	23 V	21 V
Collision cell exit potential (CXP)	10 V	10 V

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

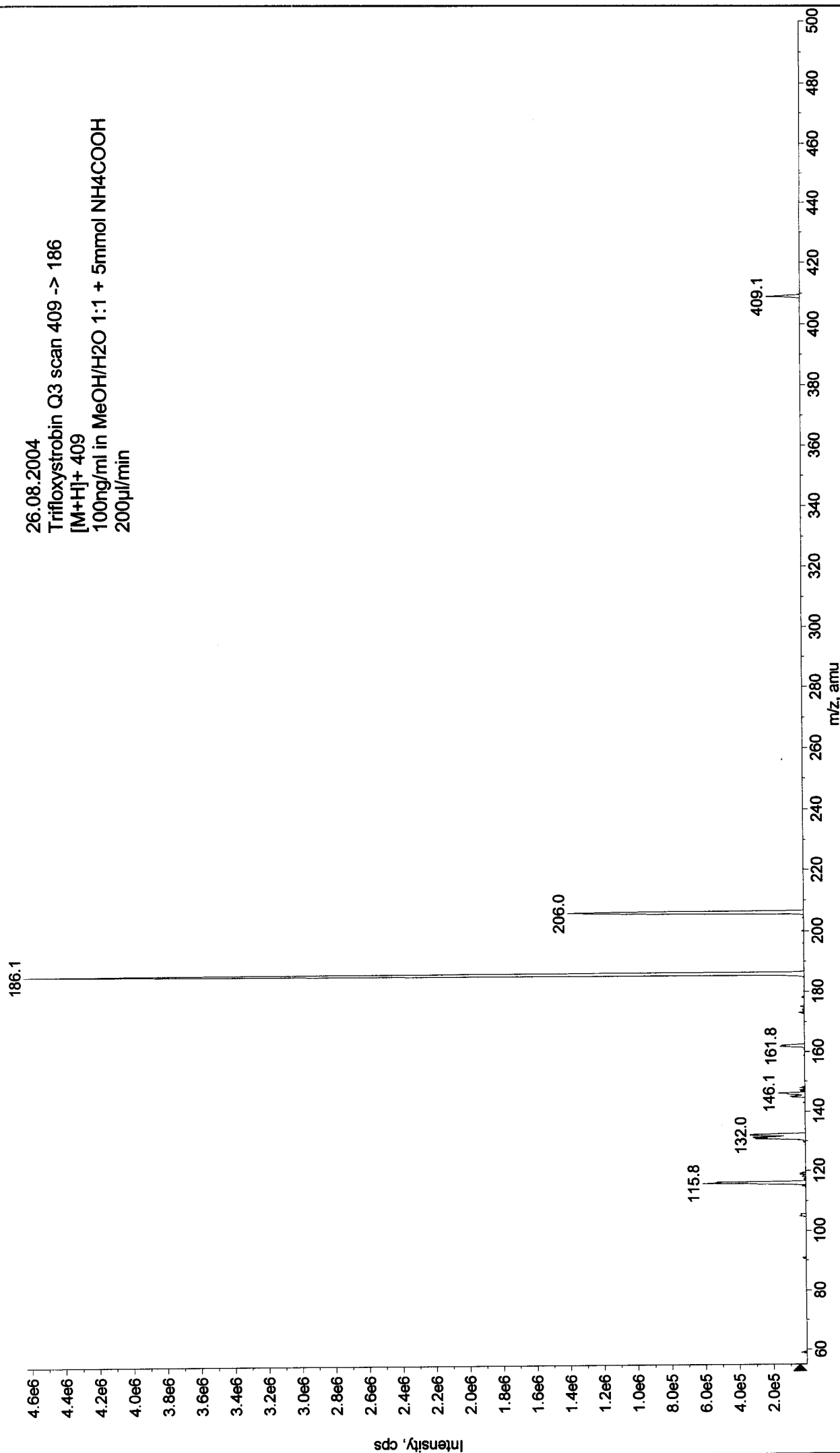
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826140005.wiff (Turbo Spray) Max. 1.4e8 cps



Max. 4.6e6 cps.
+MS2 (409.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826140247.wiff (Turbo Spray)



■ +MS2 (409.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826141106.wiff (Turbo Spray) Max. 3.8e6 cps.

