

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

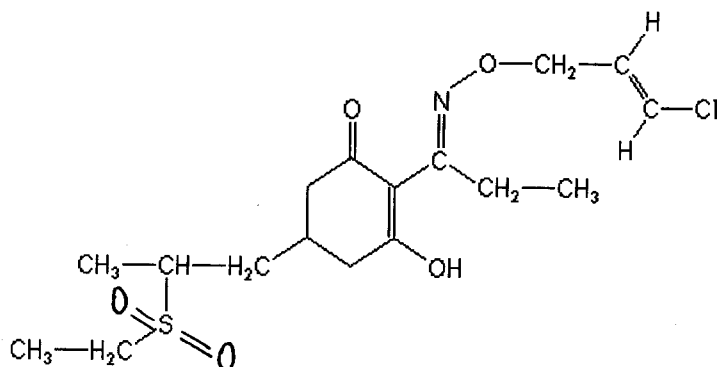
Analyte: Clethodim-sulfon

CAS No.: not available

Formula: C₁₇H₂₆ClNO₅S

Molecular mass (lowest isotopes): 391,12 amu

Structure:



Ionisation: ESI +

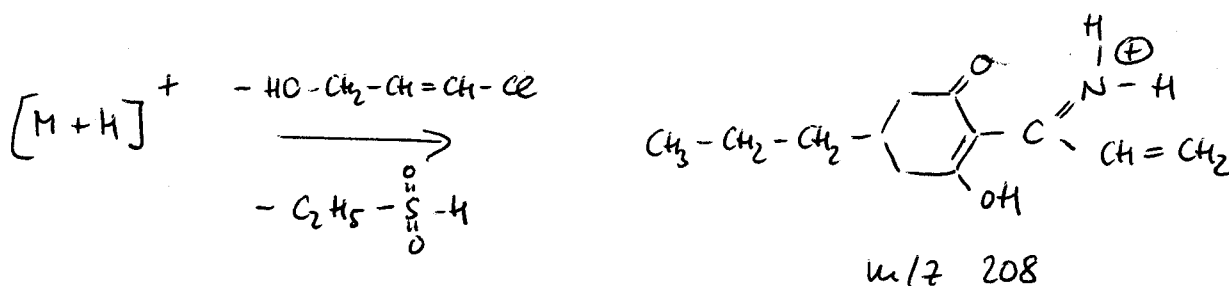
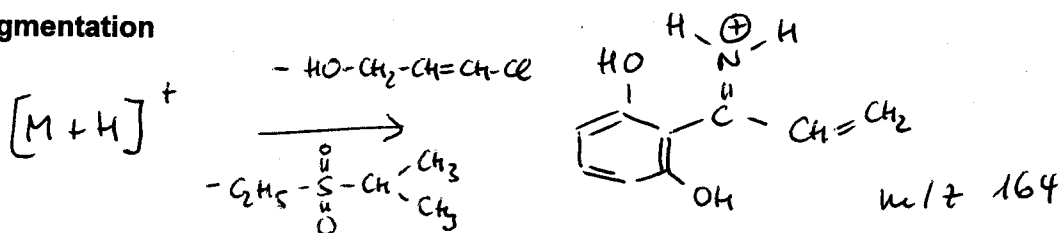
Quasimolecular ion: 392,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	392,1 → 164,2	392,1 → 208,1
Declustering potential (DP) ^{*)}	29 V	29 V
Focusing potential (FP)	360 V	300 V
Entrance potential (EP)	12,0 V	10,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	33 V	27 V
Collision cell exit potential (CXP)	2 V	10 V

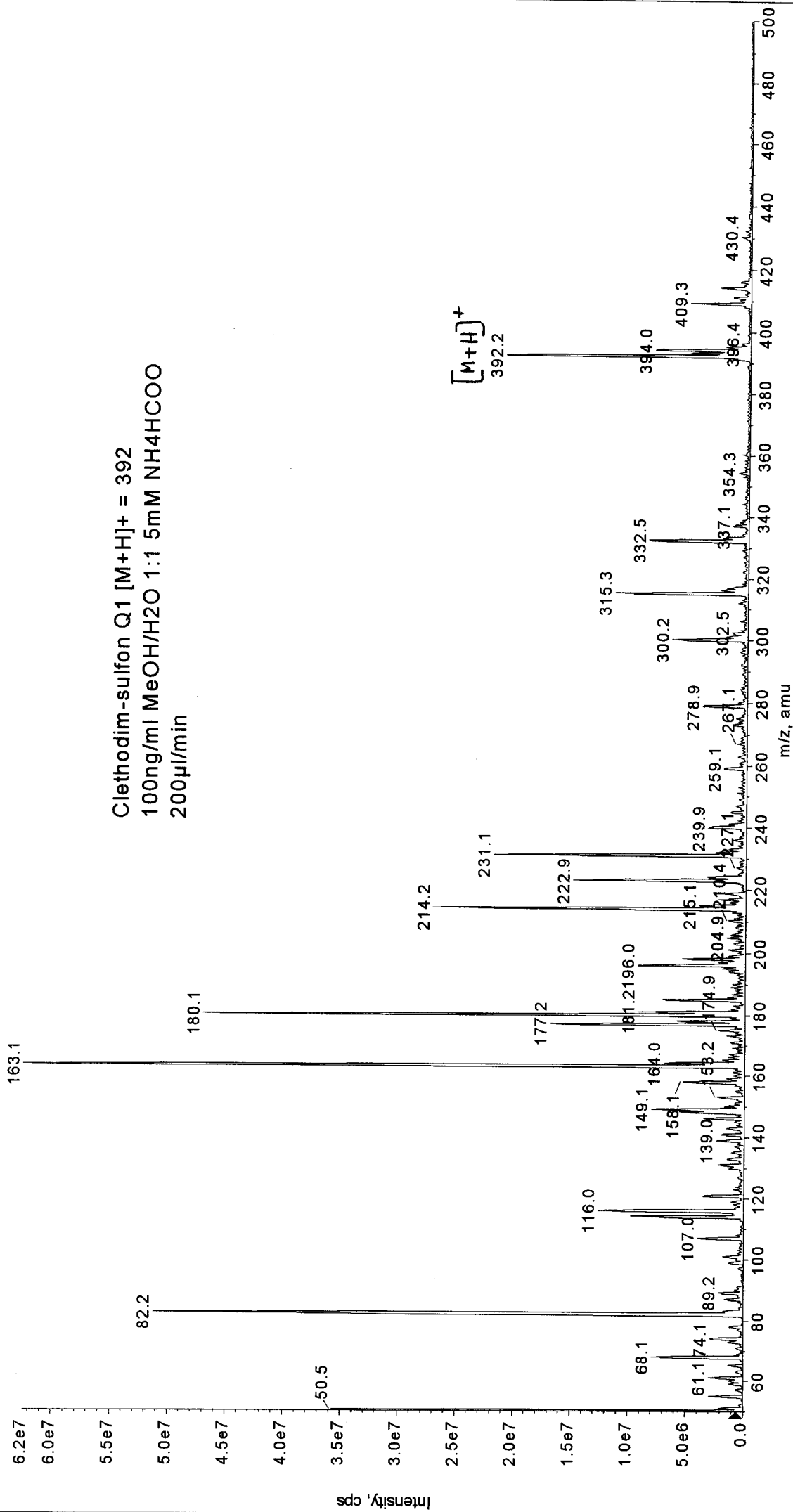
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

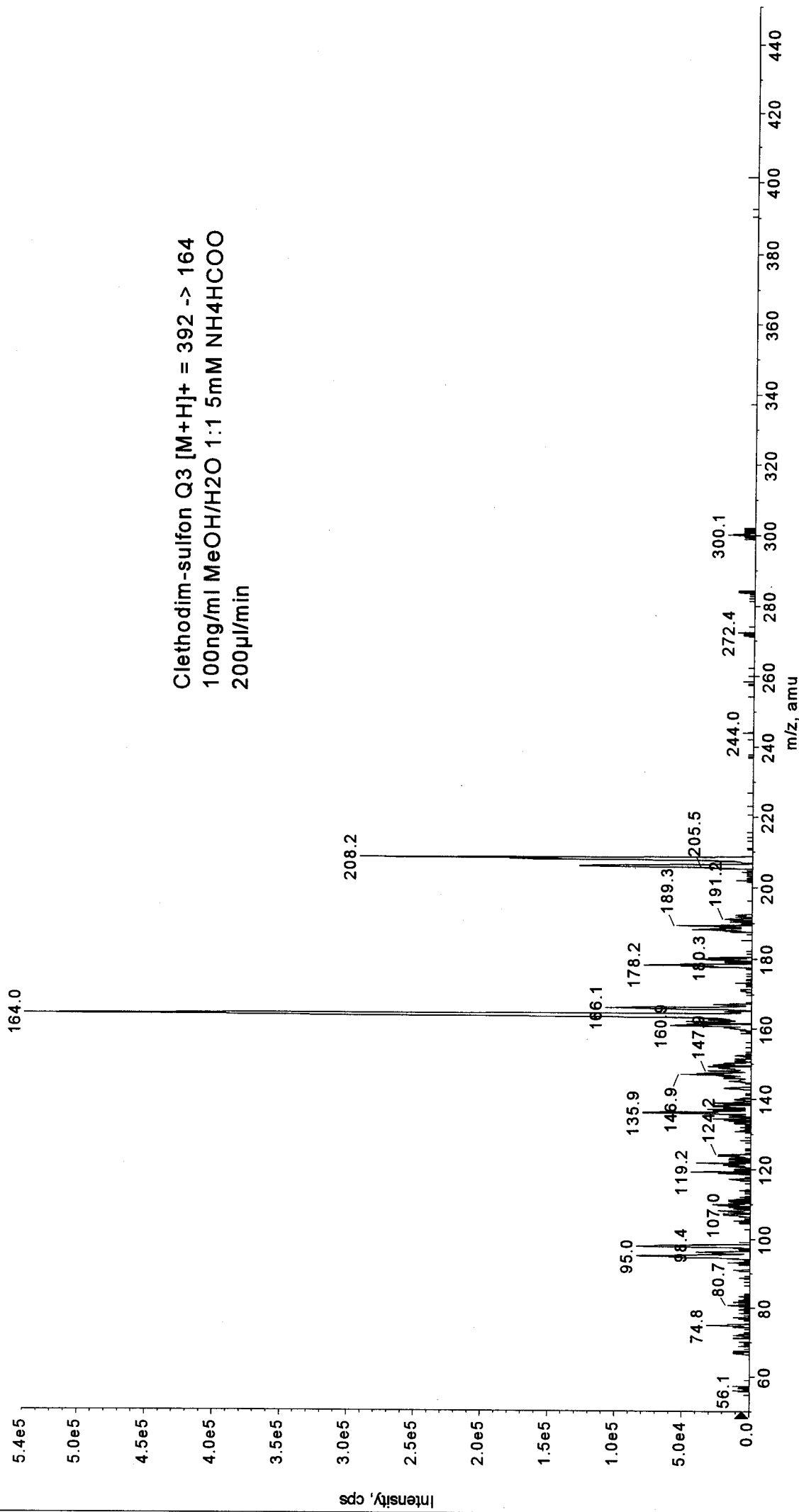


*Q1 30 MCA scans from Sample 1 of MT20020306132003.wiff

Max 6.2e7 cps



Product (392.1): 30 MCA scans from Sample 1 of MT20020306132144.wiff Max 5.4e5 cps



+Product (392.1): 30 MCA scans from Sample 1 of MT20020306133715.wiff Max 4.0e5 cps

