

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

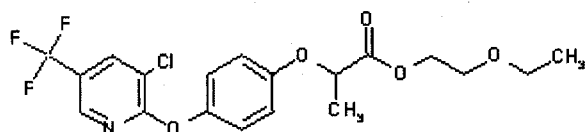
### Analyte: Haloxyfop-etotyl

CAS No.: 87237-48-7

Formula: C<sub>19</sub>H<sub>19</sub>ClF<sub>3</sub>NO<sub>5</sub>

Molecular mass (lowest isotopes): 433,09 amu

Structure:



Ionisation: ESI +

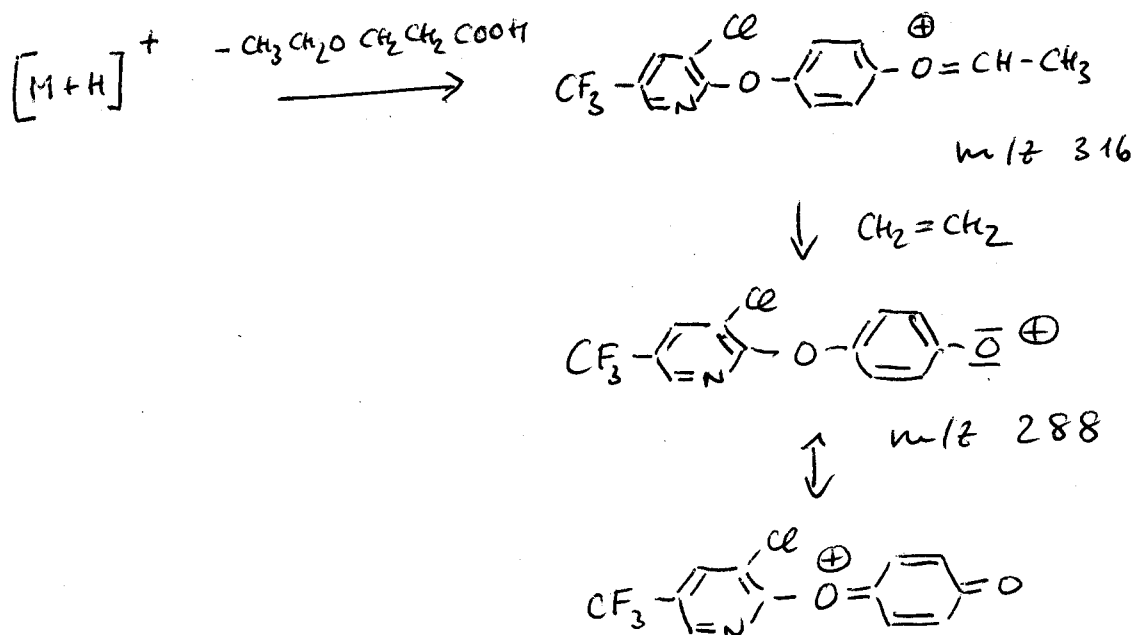
Quasimolecular ion: 434,1 amu = [M+H]<sup>+</sup>

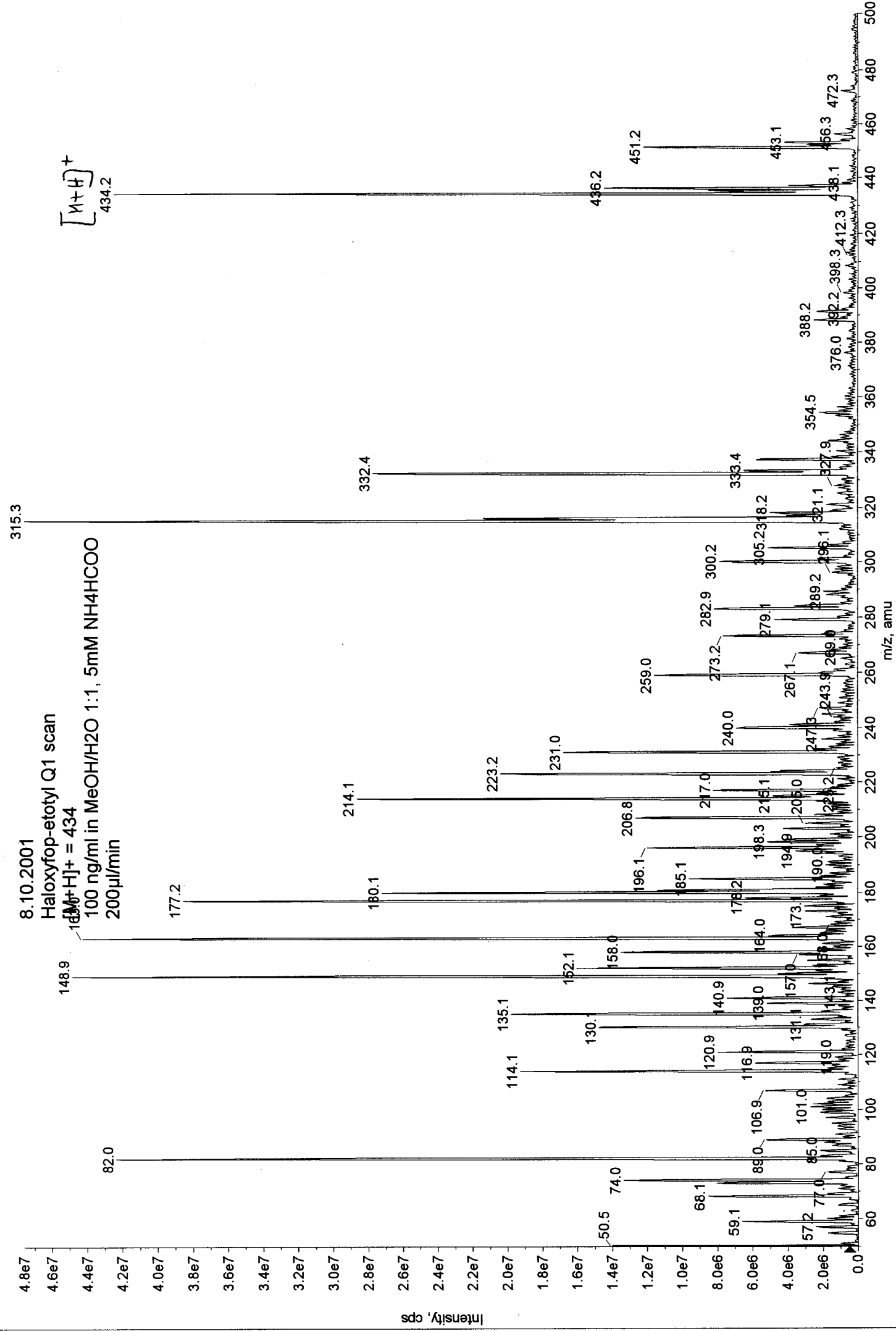
Analyte sensitive parameter set (API 2000)

Transition	434,1 → 315,9	434,1 → 287,9
Declustering potential (DP) <sup>*)</sup>	81 V	81 V
Focusing potential (FP)	350 V	360 V
Entrance potential (EP)	12,0 V	11,0 V
Collision cell entrance potential (CEP)	24 V	26 V
Collision energy (CE)	25 V	35 V
Collision cell exit potential (CXP)	16 V	14 V

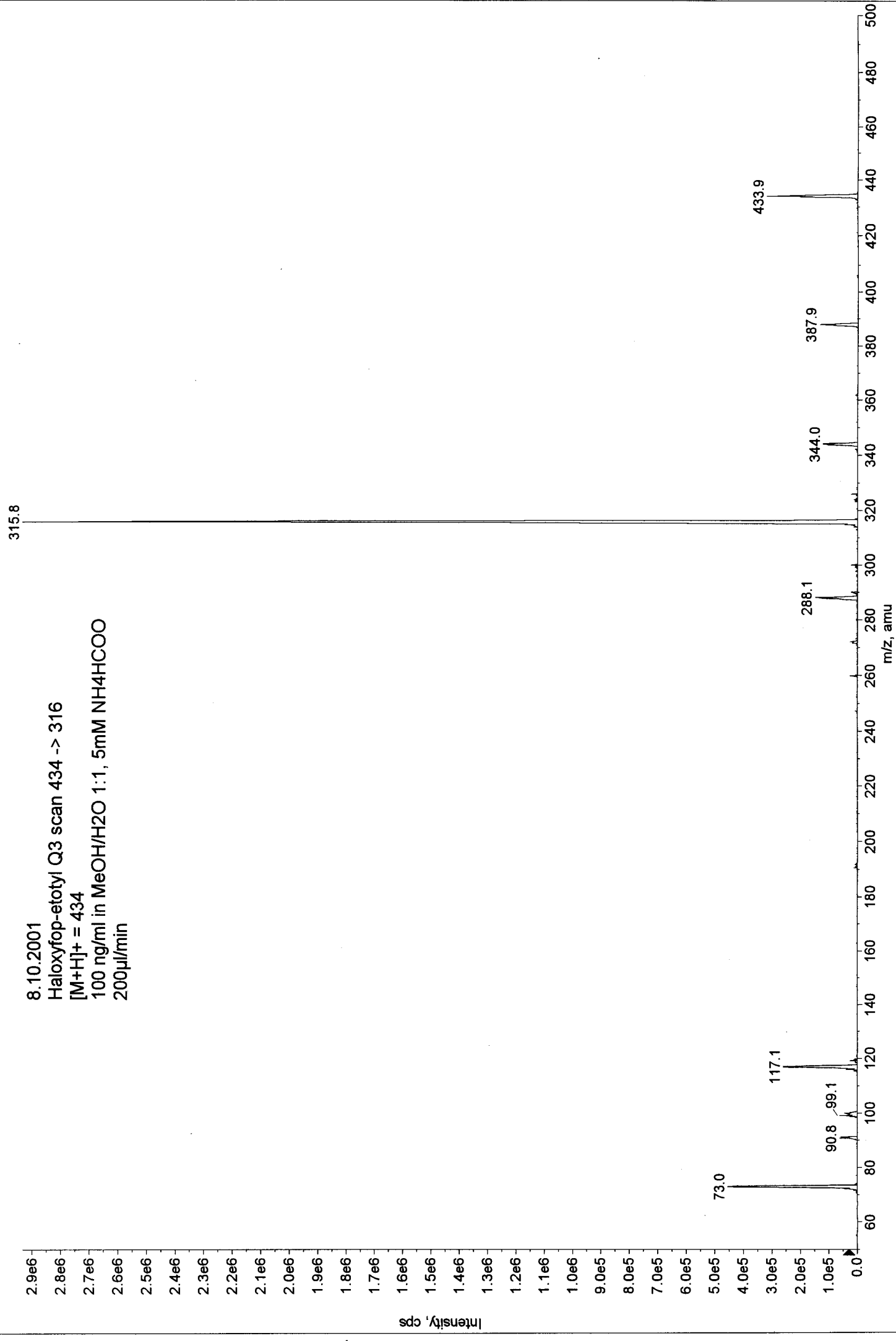
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation





8.10.2001  
Haloxypop-etotyI Q3 scan 434 -> 316  
[M+H]<sup>+</sup> = 434  
100 ng/ml in MeOH/H<sub>2</sub>O 1:1, 5mM NH<sub>4</sub>HCOO  
200µl/min



8.10.2001  
Haloxypop-etoty|288 Q3 scan 434 -> 288  
[M+H]<sup>+</sup> = 434  
100 ng/ml in MeOH/H<sub>2</sub>O 1:1, 5mM NH<sub>4</sub>HCOO  
200µl/min

