

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

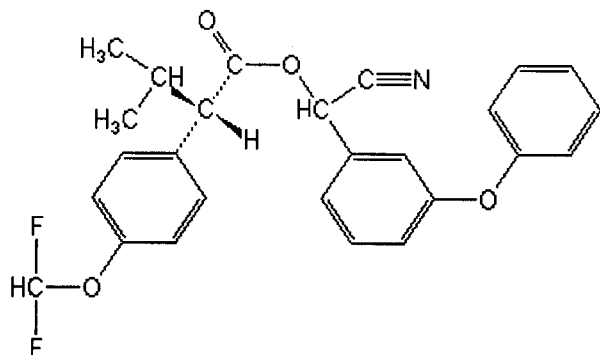
### Analyte: Flucythrinate

CAS No.: 70124-77-5

Formula: C<sub>26</sub>H<sub>23</sub>F<sub>2</sub>NO<sub>4</sub>

Molecular mass (lowest isotopes): 451,16 amu

Structure:



Ionisation: ESI +

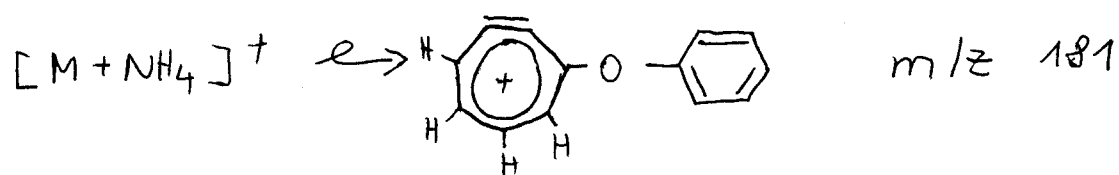
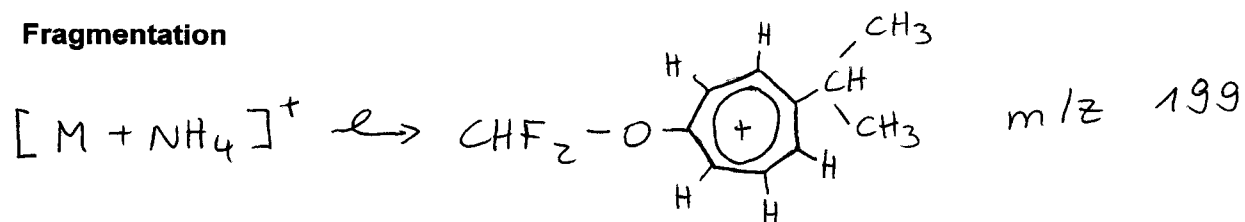
Quasimolecular ion: 469,2 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

| Transition                              | 469,2 → 181,0 | 469,2 → 199,1 |
|---|---------------|---------------|
| Declustering potential (DP)*)           | 36V           | 36 V          |
| Focusing potential (FP)                 | 350 V         | 370 V         |
| Entrance potential (EP)                 | 8,0 V         | 9,0 V         |
| Collision cell entrance potential (CEP) | 20 V          | 20 V          |
| Collision energy (CE)                   | 45 V          | 25 V          |
| Collision cell exit potential (CXP)     | 10 V          | 10 V          |

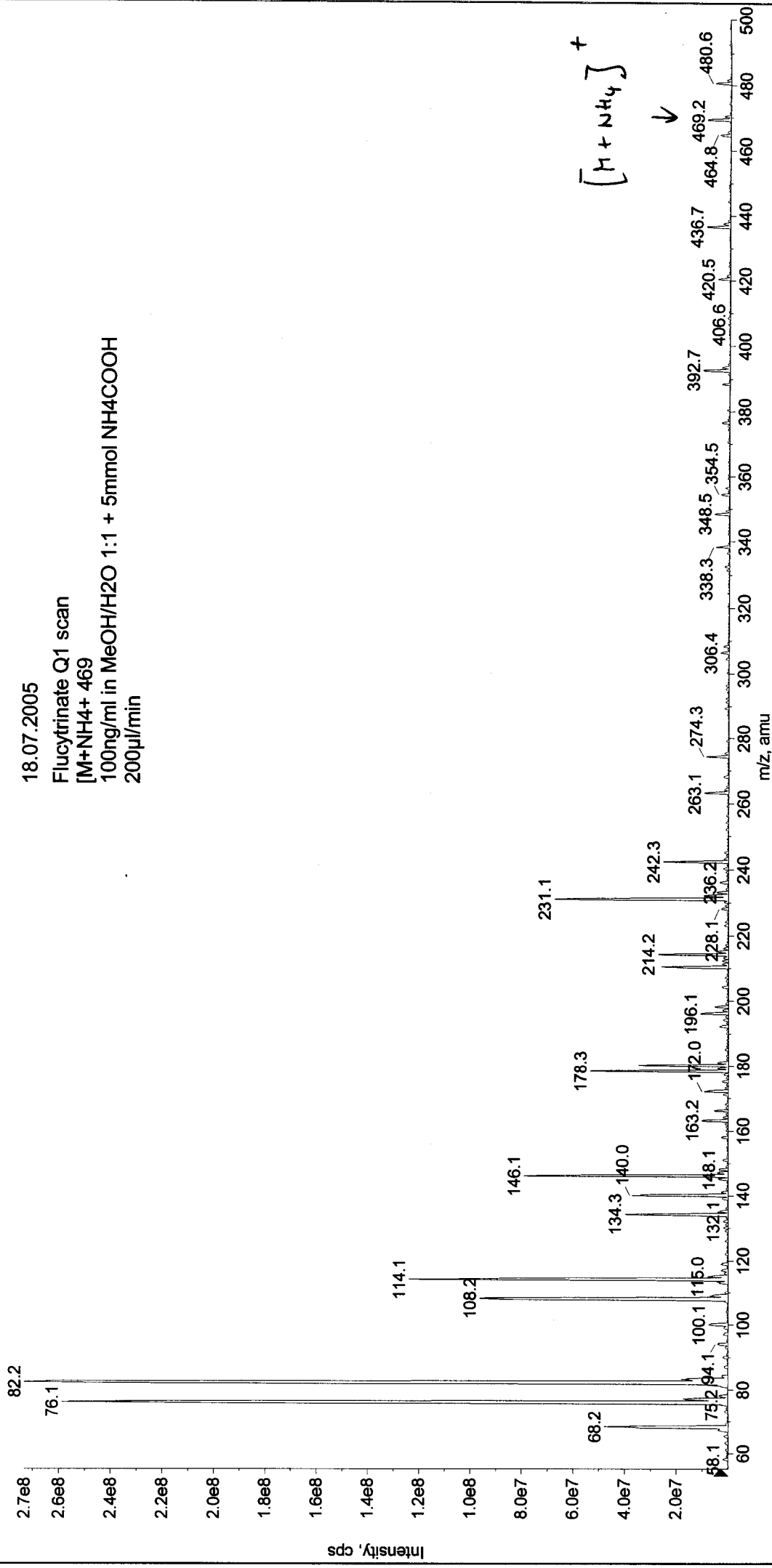
\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050718113358.wiff (Turbo Spray)

Max. 2.7e8 cps



Printing Time: 11:39:32  
Printing Date: Monday, July 18, 2005

Acq. Time: 11:38  
Acq. Date: Monday, July 18, 2005  
Acq. File: MT20050718113814.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

