

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

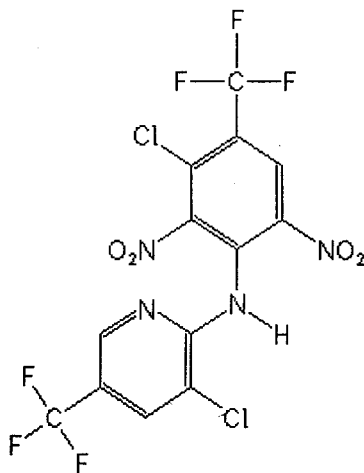
### Analyte: Fluazinam

CAS No.: 79622-59-6

Formula: C<sub>13</sub>H<sub>4</sub>Cl<sub>2</sub>F<sub>6</sub>N<sub>4</sub>O<sub>4</sub>

Molecular mass (lowest isotopes): 463,95 amu

Structure:



Ionisation: ESI —

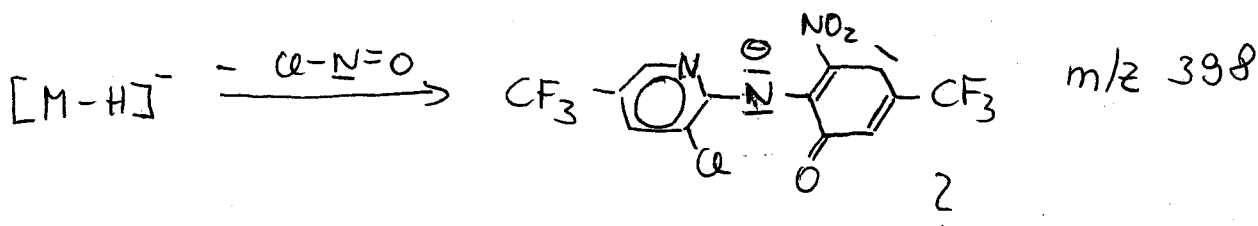
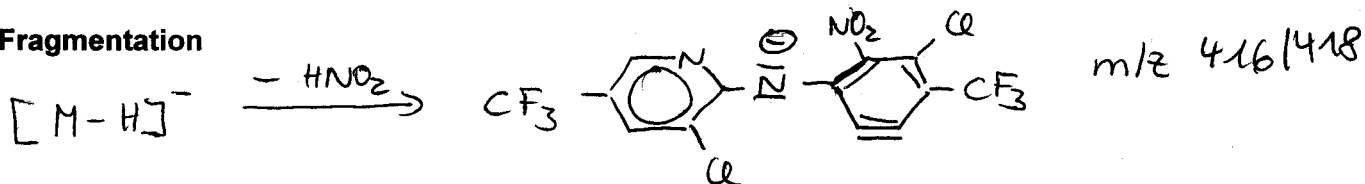
Quasimolecular ion: 462,9 amu = [M-H]<sup>-</sup>

Analyte sensitive parameter set (API 2000)

Transition	462,9 → 415,8	462,9 → 397,9
Declustering potential (DP) <sup>*)</sup>	-9V	-9 V
Focusing potential (FP)	-350 V	-350 V
Entrance potential (EP)	-10,0 V	-10,0 V
Collision cell entrance potential (CEP)	-20 V	-20 V
Collision energy (CE)	-24 V	-20 V
Collision cell exit potential (CXP)	-26 V	-24 V

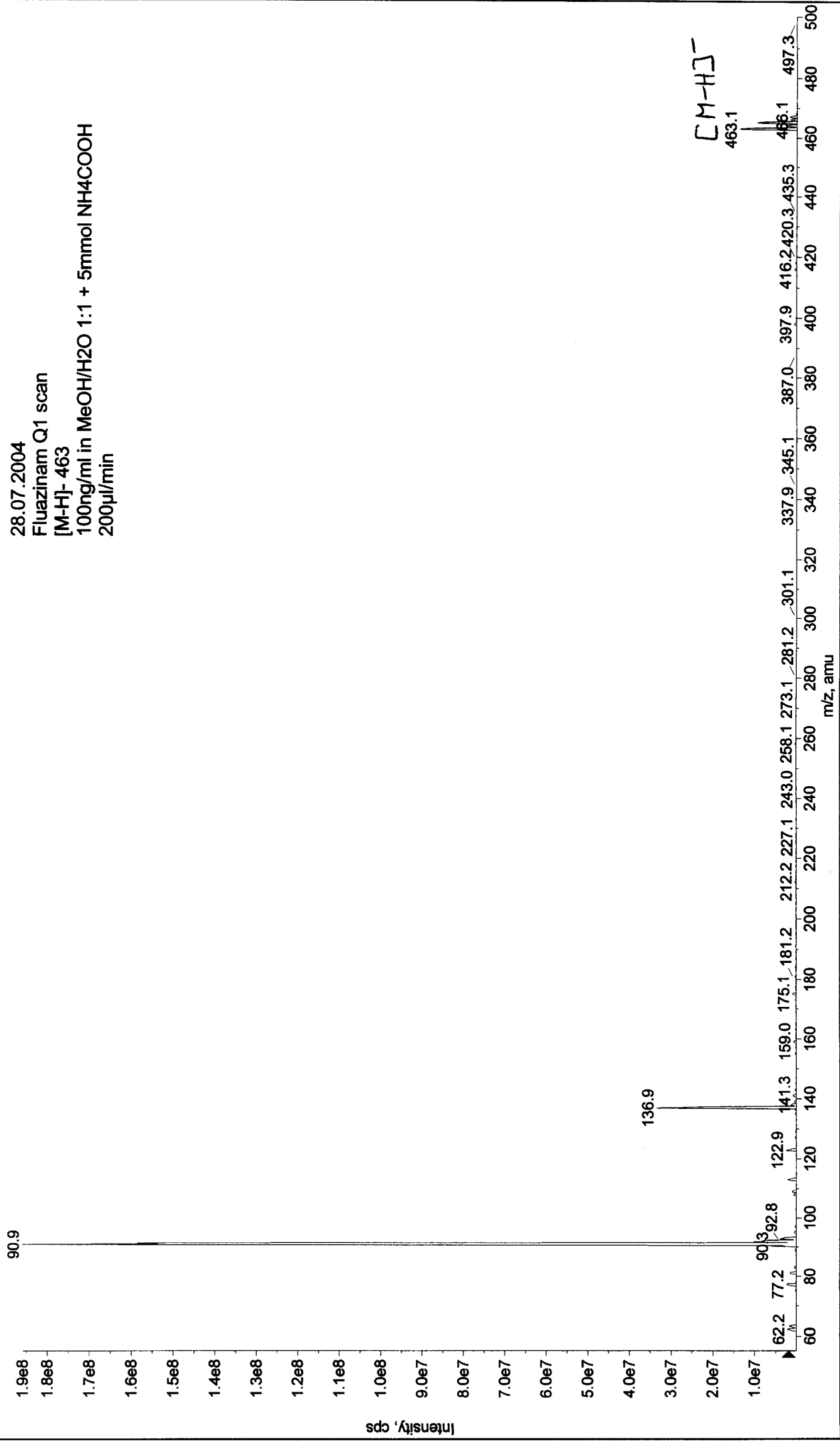
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728092504.wiff (Turbo Spray) Max. 1.9e8 cps

28.07.2004  
Fluazinam Q1 scan  
[M-H]<sup>-</sup> 463  
100ng/ml in MeOH/H<sub>2</sub>O 1:1 + 5mmol NH<sub>4</sub>COOH  
200µl/min



-MS2 (463.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728092748.wiff (Turbo Spray) Max. 3.3e5 cps

