

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

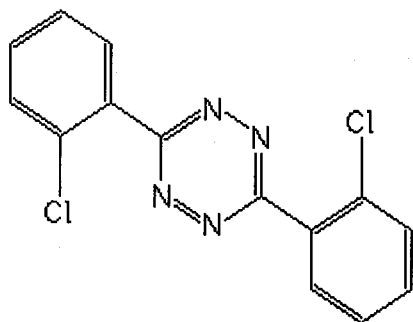
### Analyte: Clofentezine

CAS No.: 74115-24-5

Formula: C<sub>14</sub>H<sub>8</sub>Cl<sub>2</sub>N<sub>4</sub>

Molecular mass (lowest isotopes): 302,01 amu

Structure:



Ionisation: ESI +

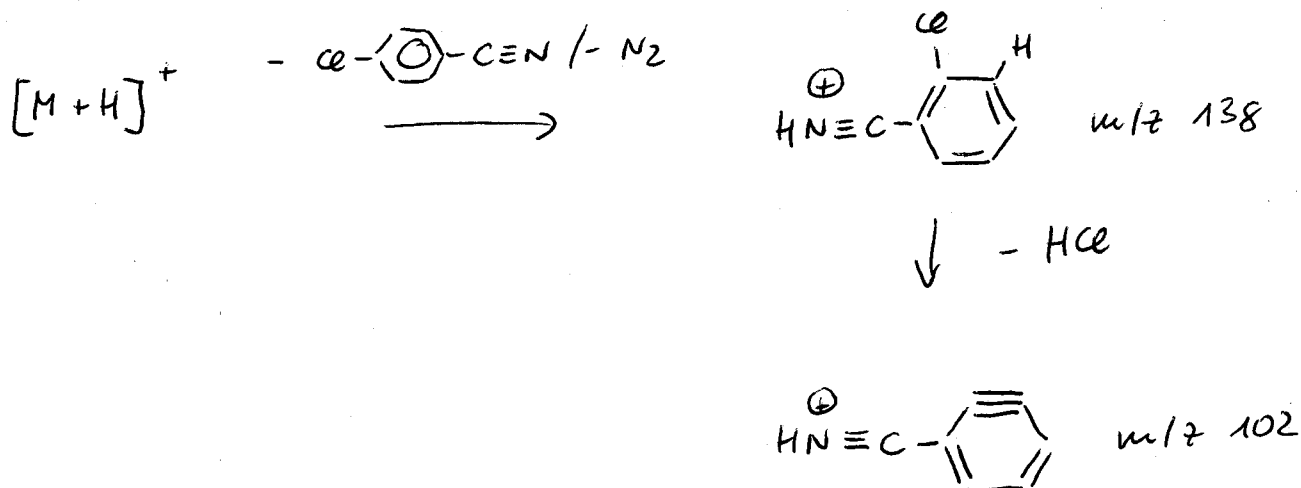
Quasimolecular ion: 303,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	303,1 → 102,1	303,1 → 138,1
Declustering potential (DP) <sup>*)</sup>	56 V	56 V
Focusing potential (FP)	350 V	360 V
Entrance potential (EP)	8,0 V	8,5 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	47 V	21 V
Collision cell exit potential (CXP)	7 V	6 V

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

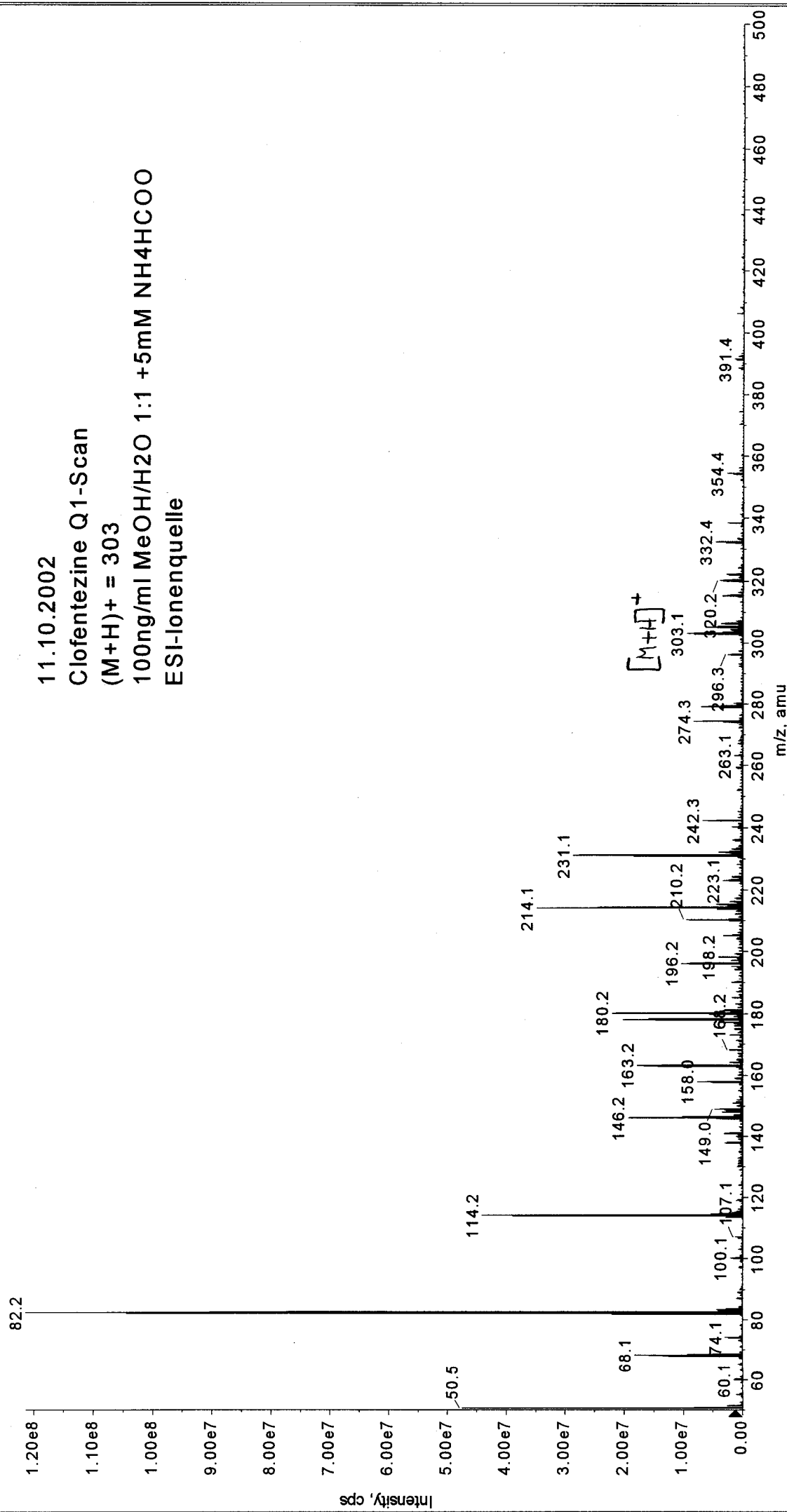
### Fragmentation



+Q1: 30 MCA scans from MT20021011081825.wiff

Max: 1.2e8 cps

11.10.2002  
Clofentezine Q1-Scan  
(M+H)<sup>+</sup> = 303  
100ng/ml MeOH/H<sub>2</sub>O 1:1 +5mM NH<sub>4</sub>HCOO  
ESI-Ionenquelle



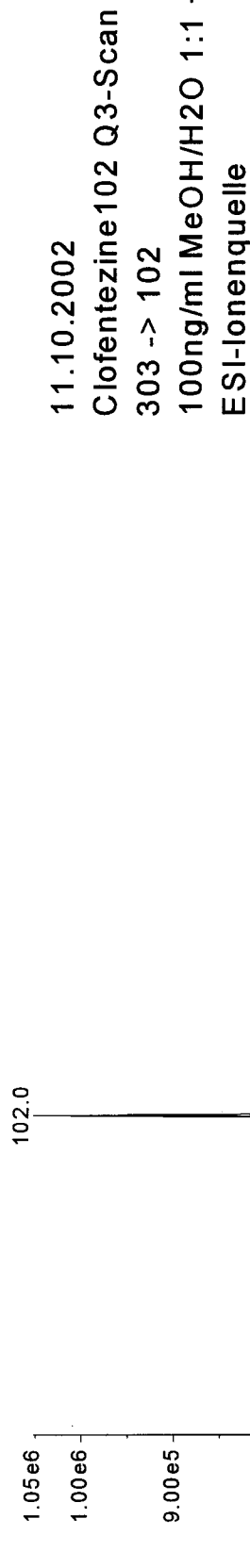
Printing Date: 11 October 2002  
Printing Time: 08:36:36

Acq. Date: Friday, October 11, 2002  
Acq. Time: 08:35  
Acq. File: MT20021011083530.wiff

Sample Comment:  
Sample Name:  
Batch Name: N/A

+Product (303.0): 30 MCA scans from MT20021011083530.wiff

Max. 1.1e6 cps



■ +Product (303.0): 30 MCA scans from MT20021011082318.wiff

Max. 2.3e6 cps

