

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

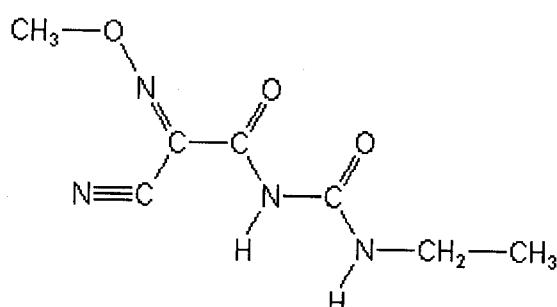
Analyte: Cymoxanil

CAS No.: 57966-95-7

Formula: C₇H₁₀N₄O₃

Molecular mass (lowest isotopes): 198,08 amu

Structure:



Ionisation: ESI +

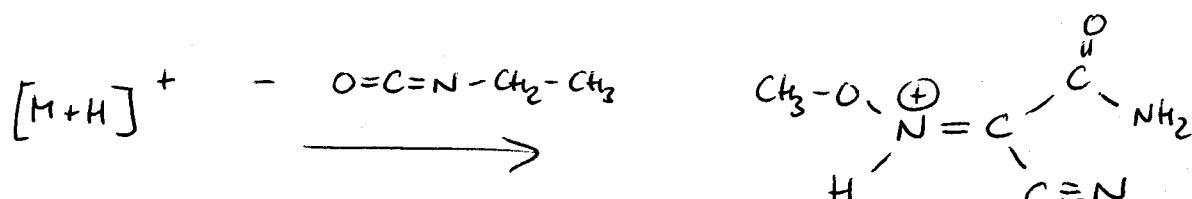
Quasimolecular ion: 199,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

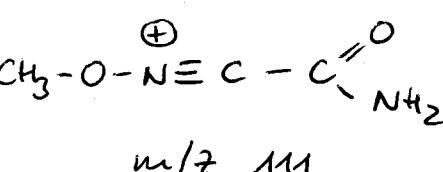
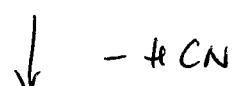
| Transition | 199,1 → 128,0 | 199,1 → 110,9 |
|---|---------------|---------------|
| Declustering potential (DP)*) | 44 V | 44 V |
| Focusing potential (FP) | 350 V | 340 V |
| Entrance potential (EP) | 8,5 V | 8,5 V |
| Collision cell entrance potential (CEP) | 12 V | 12 V |
| Collision energy (CE) | 13 V | 25 V |
| Collision cell exit potential (CXP) | 6 V | 6 V |

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

Fragmentation



m/z 128



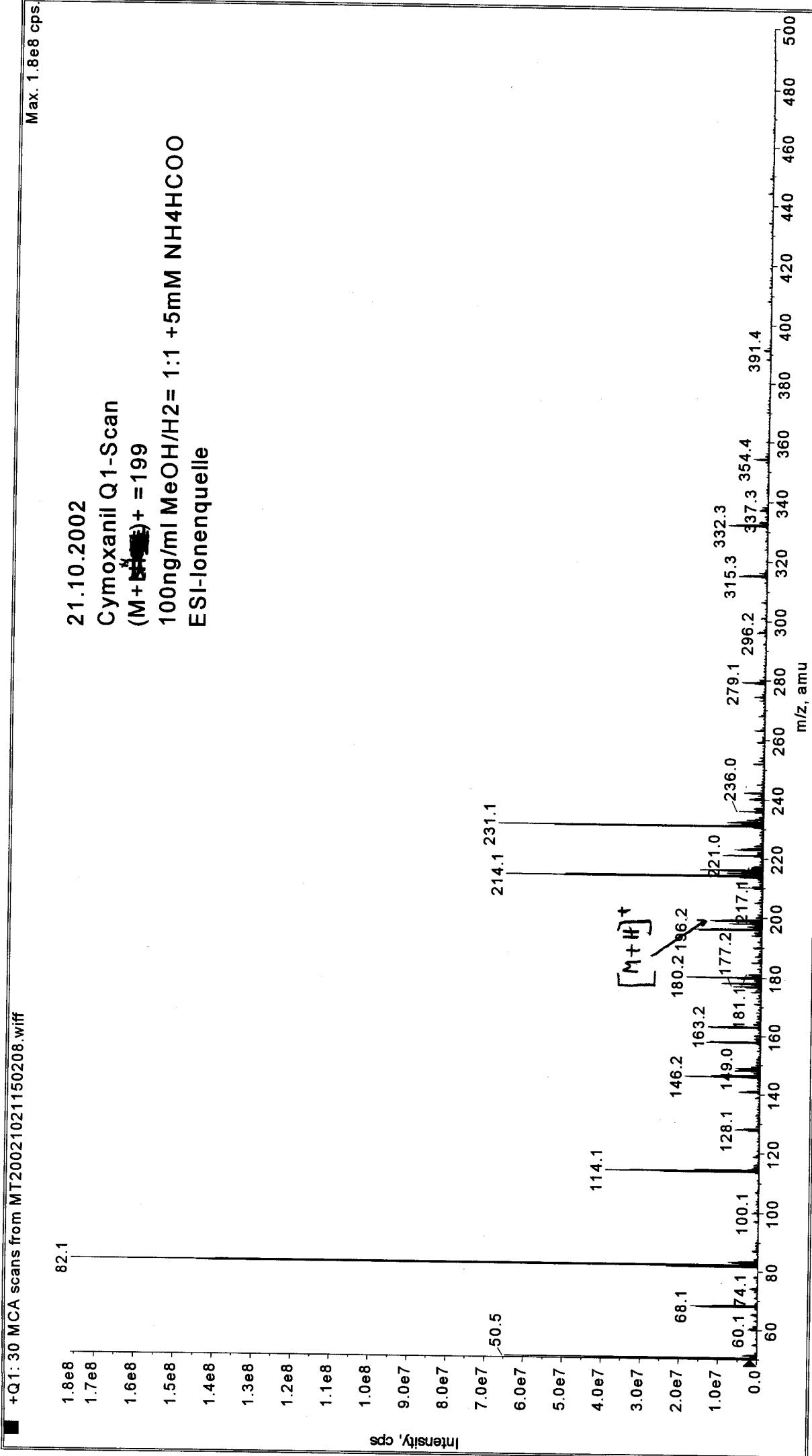
m/z 111

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Printing Time: 15:03:18

Acq. Date: Monday, October 21, 2002
Acq. Time: 15:02
Acq. File: MT20021021150208.wiff

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

+Q1: 30 MCA scans from MT20021021150208.wiff

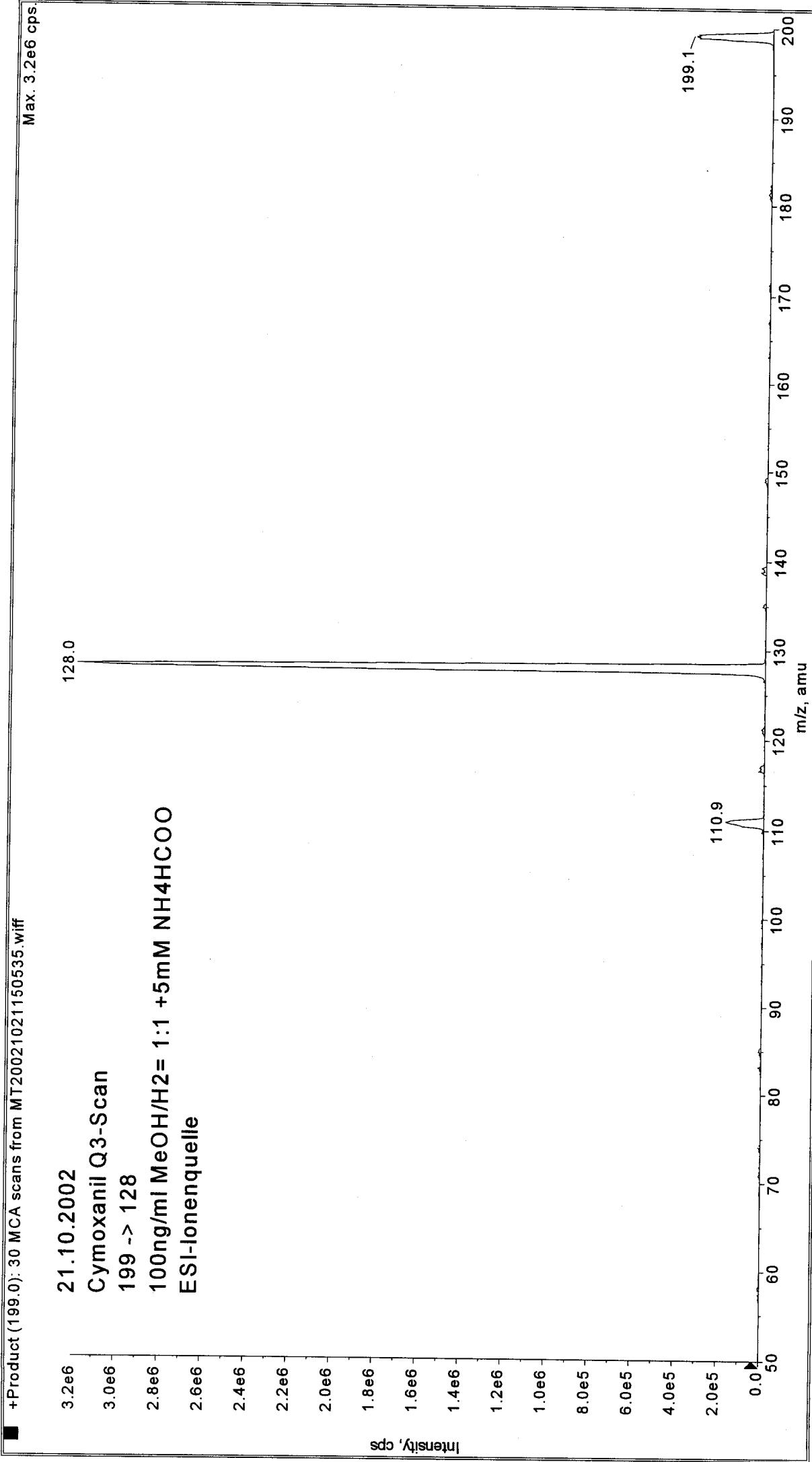


Printing Date: 21 October 2002
Printing Time: 15:06:38

Acq. Date: Monday, October 21, 2002
Acq. Time: 15:05
Acq. File: MT20021021150535.wiff

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

+Product (199.0): 30 MCA scans from MT20021021150535.wiff



Printing Date: 21 October 2002
Printing Time: 15:15:28

Acq. Date: Monday, October 21, 2002
Acq. Time: 15:13
Acq. File: MT20021021151344.wiff

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

+Product (199.0): 30 MCA scans from MT20021021151344.wiff

