

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

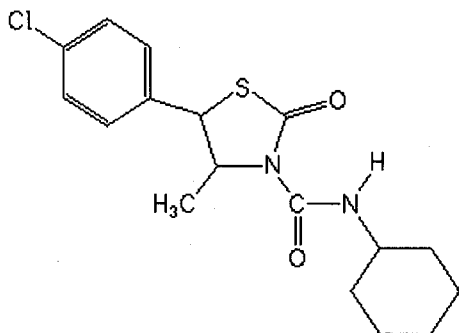
### Analyte: Hexythiazox

CAS No.: 78587-05-0

Formula: C<sub>17</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>2</sub>S

Molecular mass (lowest isotopes): 352,10 amu

Structure:



Ionisation: ESI +

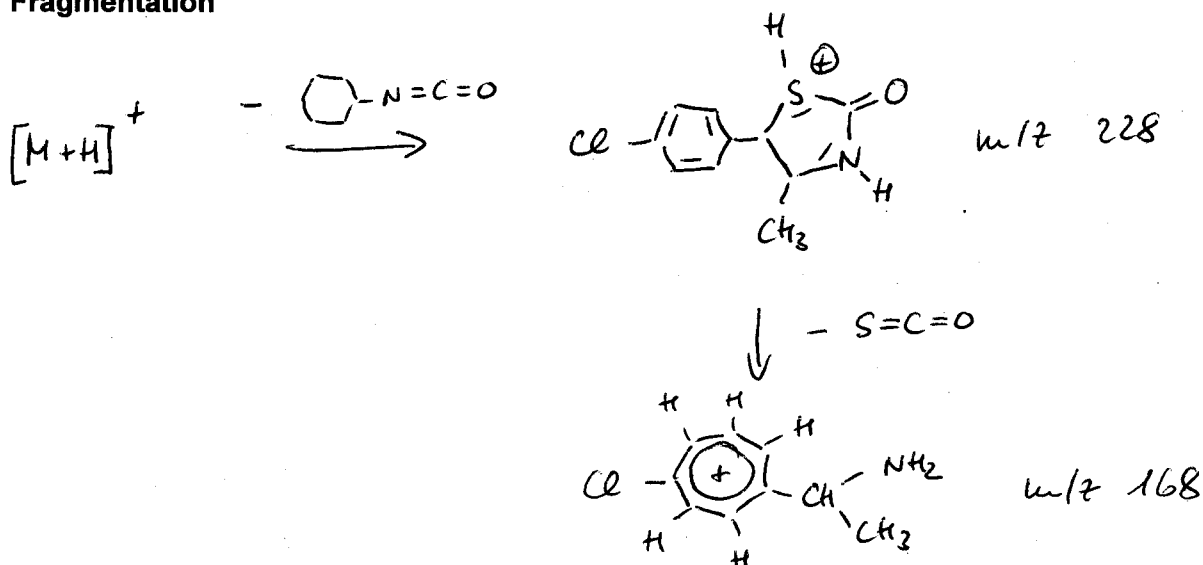
Quasimolecular ion: 353,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	353,1 → 227,9	353,1 → 168,1
Declustering potential (DP) <sup>*)</sup>	61 V	61 V
Focusing potential (FP)	320 V	330 V
Entrance potential (EP)	7,5 V	8,5 V
Collision cell entrance potential (CEP)	24 V	24 V
Collision energy (CE)	21 V	33 V
Collision cell exit potential (CXP)	12 V	8 V

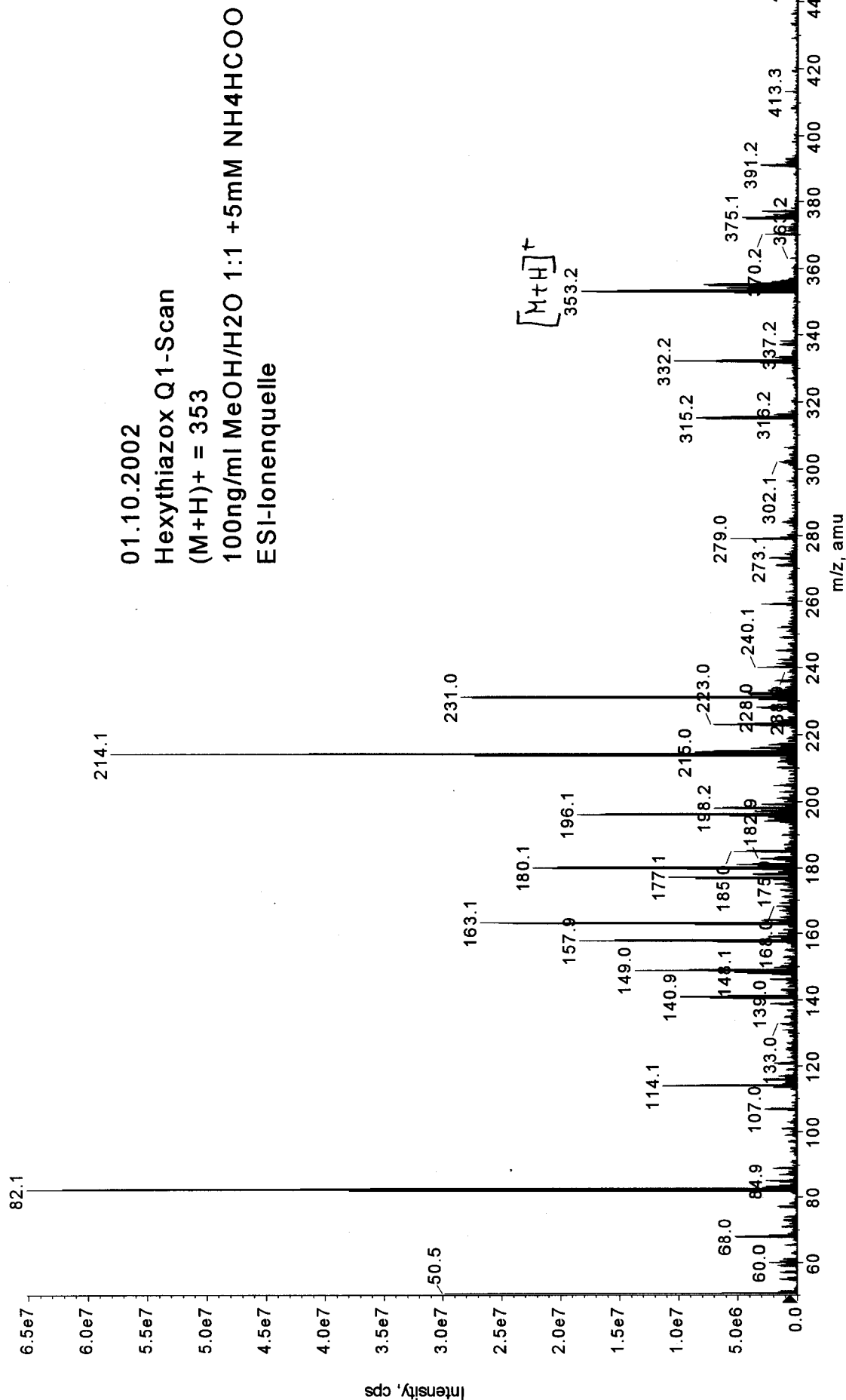
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



+Q1: 30 MCA scans from MT20021001141103.wiff

Max. 6.5e7 cps.



Printing Date: 01 October 2002  
Printing Time: 14:15:14

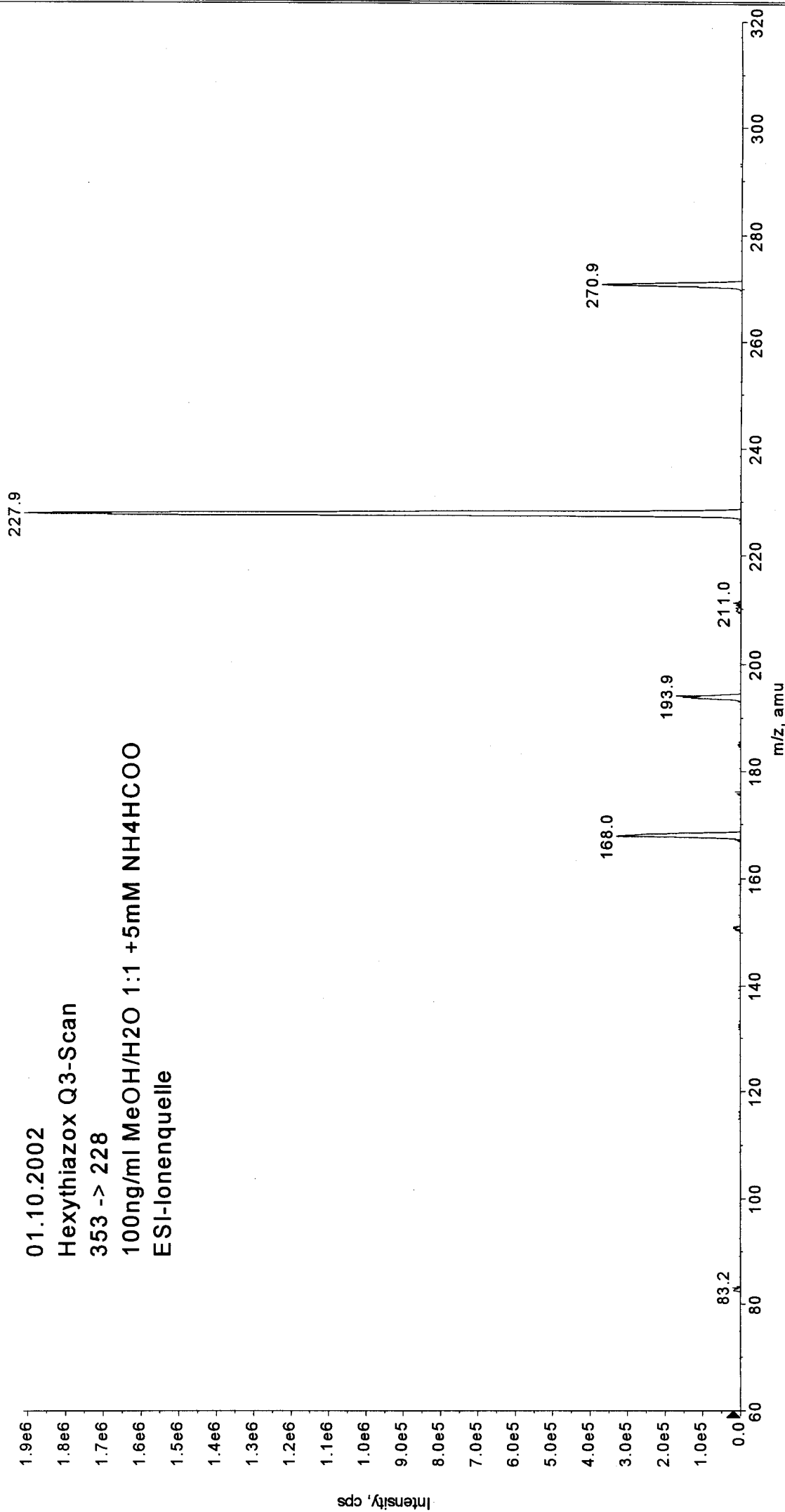
Acq. Date: Tuesday, October 01, 2002  
Acq. Time: 14:13  
Acq. File: MT20021001141357.wiff

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

+Product (353.0): 30 MCA scans from MT20021001141357.wiff

Max. 1.9e6 cps

01.10.2002  
Hexythiazox Q3-Scan  
353 -> 228  
100ng/ml MeOH/H2O 1:1 +5mM NH4HCOO  
ESI-Ionenquelle



■ +Product (353.0): 30 MCA scans from MT20021001142721.wiff

Max. 1.5e6 cps.

