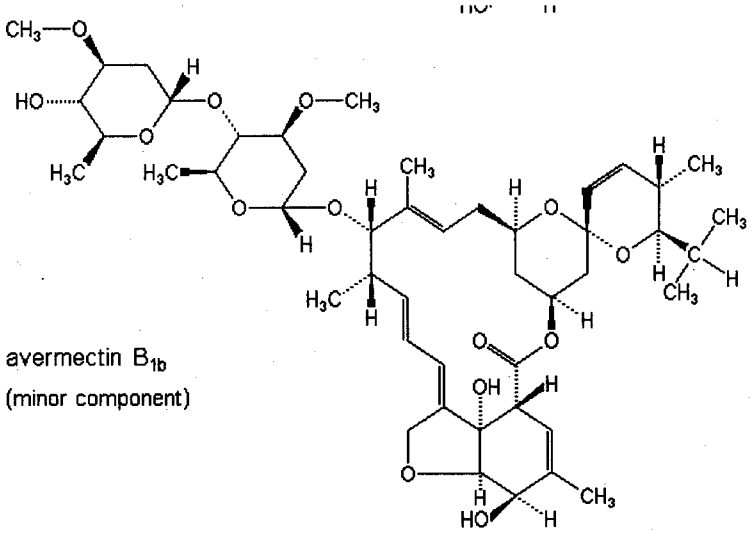
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Avermectin B1b

CAS No.: 65195-56-4
Formula: C47H70O14
Molecular mass (lowest isotopes): 858,48 amu

Structure:



avermectin B_{1b}
(minor component)

Ionisation: ESI + Quasimolecular ion: 876,5 amu = [M+NH4]+

Analyte sensitive parameter set (API 2000)

Transition	876,5 → 291,1	876,5 → 145,2
Declustering potential (DP)*)	46 V	46 V
Focusing potential (FP)	330 V	340 V
Entrance potential (EP)	8,5 V	8,0 V
Collision cell entrance potential (CEP)	40 V	40 V
Collision energy (CE)	35 V	43 V
Collision cell exit potential (CXP)	16 V	6 V

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

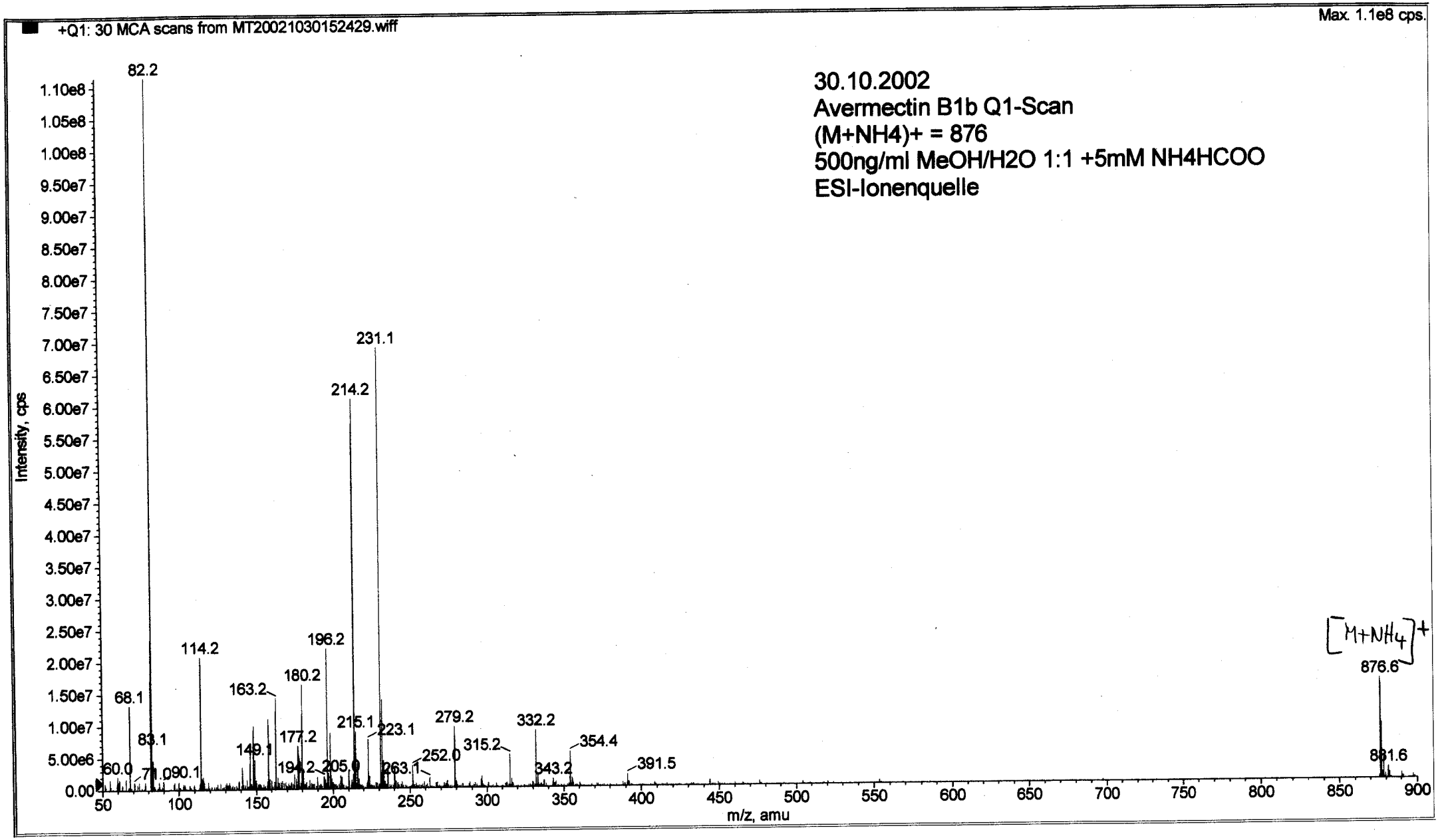
Fragmentation

2

Printing Date: 30 October 2002
Printing Time: 15:25:49

Acq. Date: Wednesday, October 30, 2002
Acq. Time: 15:24
Acq. File: MT20021030152429.wiff

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



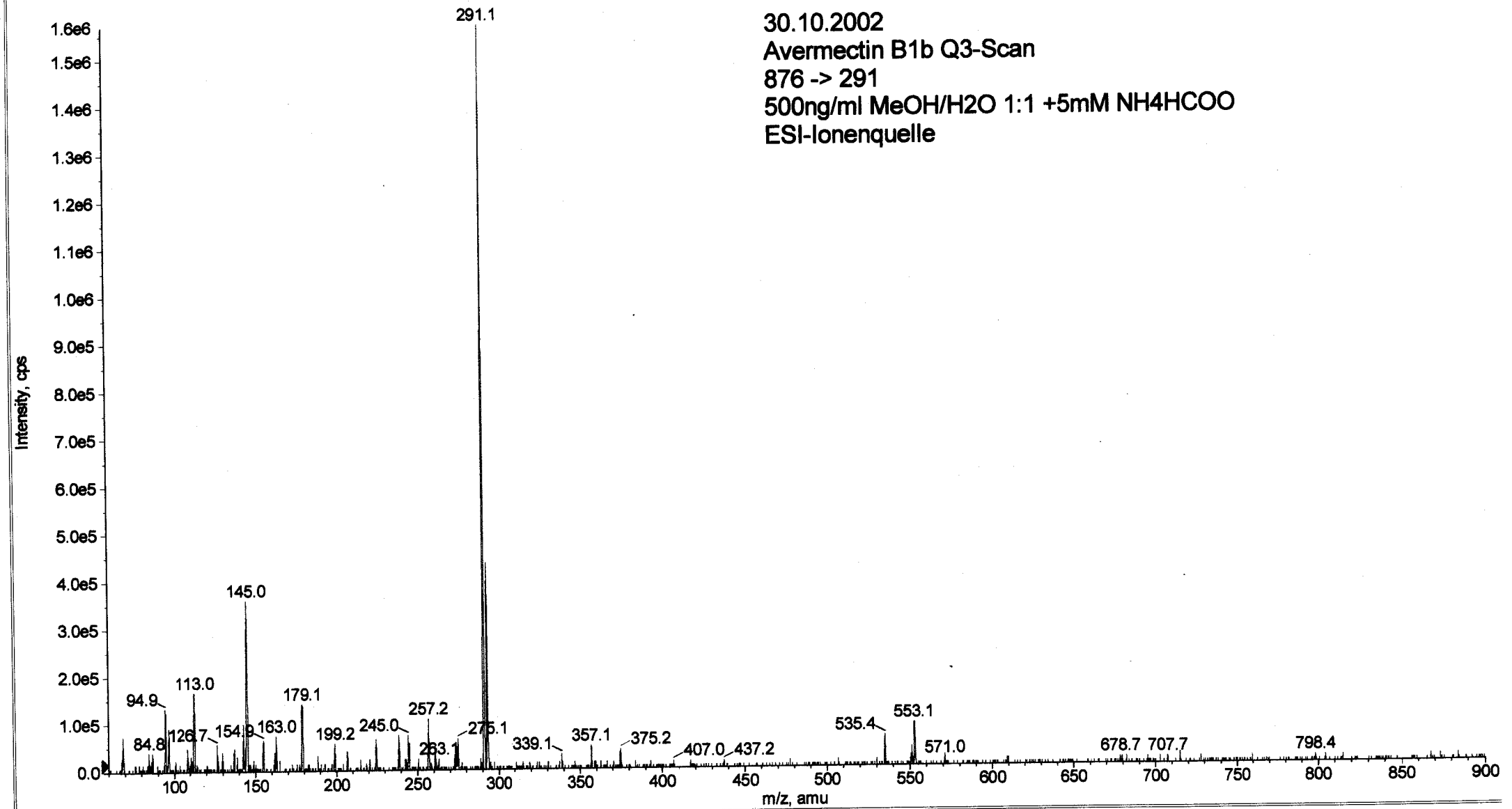
Printing Date: 30 October 2002
Printing Time: 15:28:29

Acq. Date: Wednesday, October 30, 2002
Acq. Time: 15:27
Acq. File: MT20021030152730.wiff

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

+Product (876.5): 30 MCA scans from MT20021030152730.wiff

Max. 1.6e6 cps.



Printing Date: 30 October 2002
Printing Time: 15:35:39

Acq. Date: Wednesday, October 30, 2002
Acq. Time: 15:34
Acq. File: MT20021030153438.wiff

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