

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

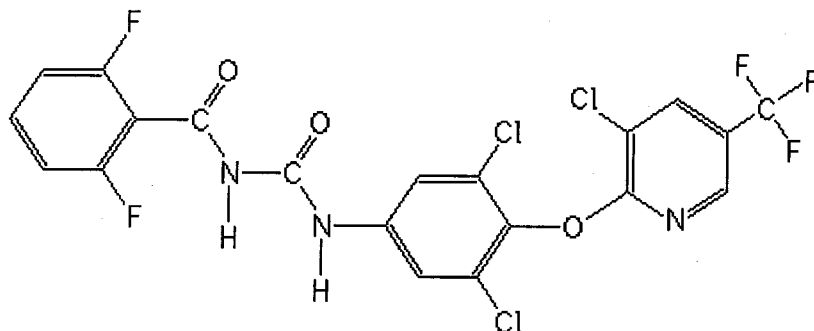
Analyte: Chlorfluazuron

CAS No.: 71422-67-8

Formula: C₂₀H₉Cl₃F₅N₃O₃

Molecular mass (lowest isotopes): 538,96 amu

Structure:



Ionisation: ESI +

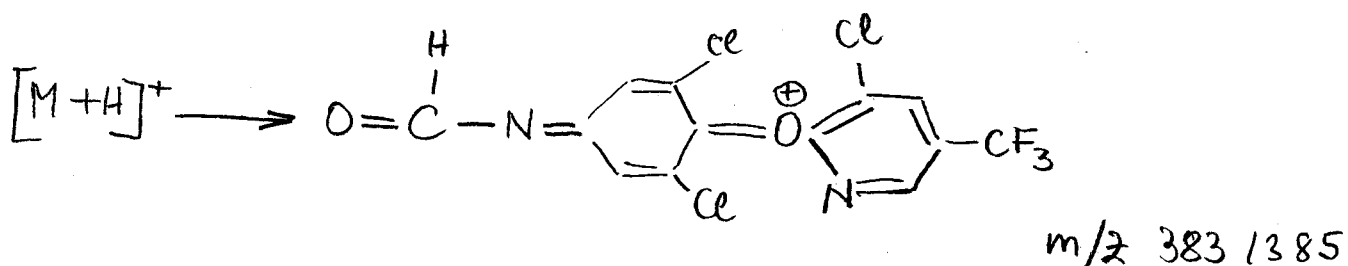
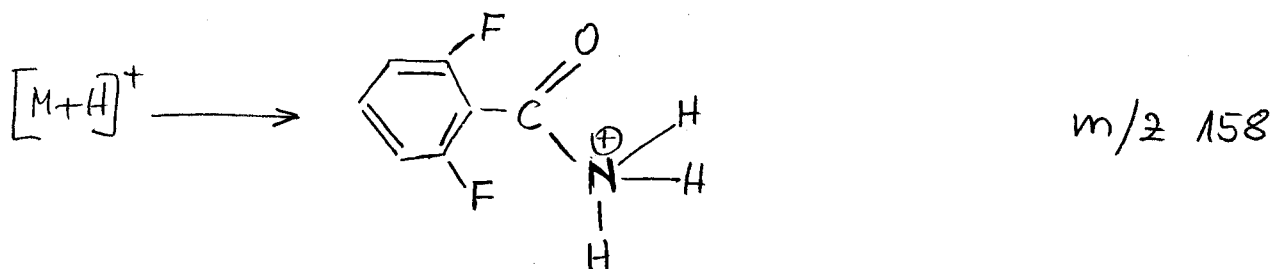
Quasimolecular ion: 539,9 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	539,9 → 158,0	539,9 → 383,0
Declustering potential (DP) ^{*)}	76 V	76 V
Focusing potential (FP)	370 V	170 V
Entrance potential (EP)	9,5 V	12,0 V
Collision cell entrance potential (CEP)	22 V	24 V
Collision energy (CE)	27 V	27 V
Collision cell exit potential (CXP)	8 V	22 V

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

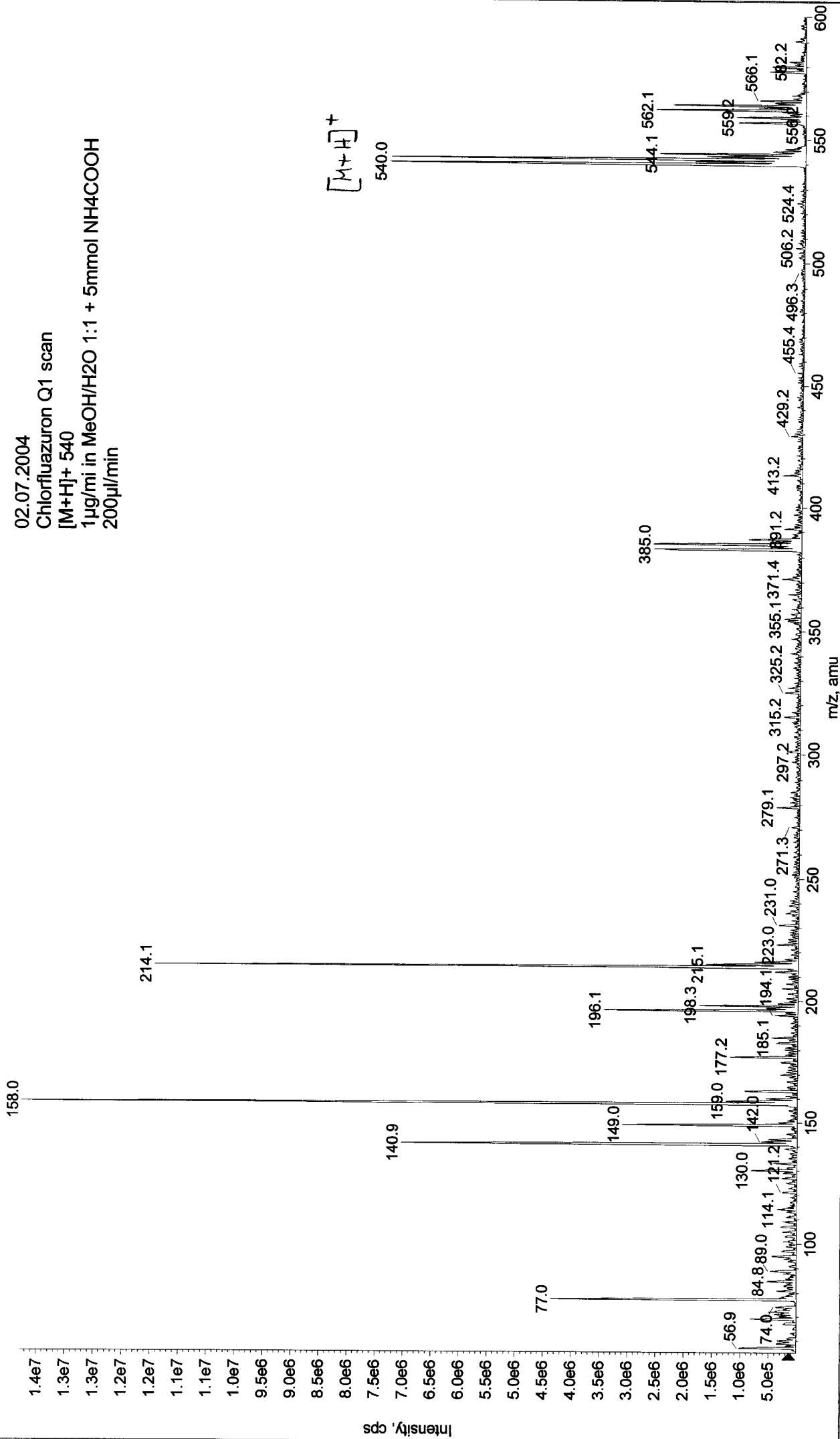
Fragmentation

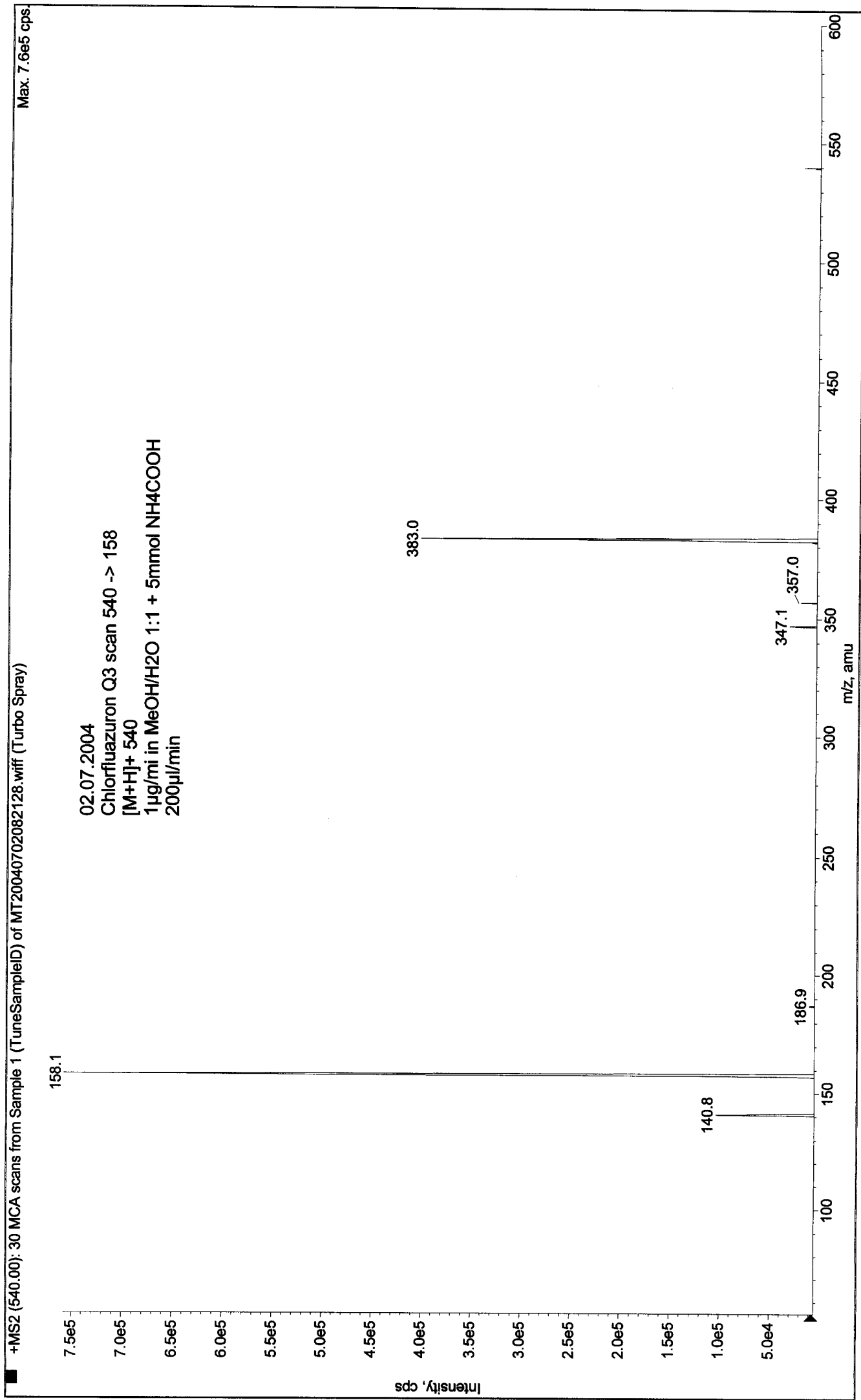


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040702082434.wiff (Turbo Spray)

Max. 1.4e7 cps.

02.07.2004
Chlorfluazuron Q1 scan
[M+H]⁺ 540
1 µg/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200 µl/min



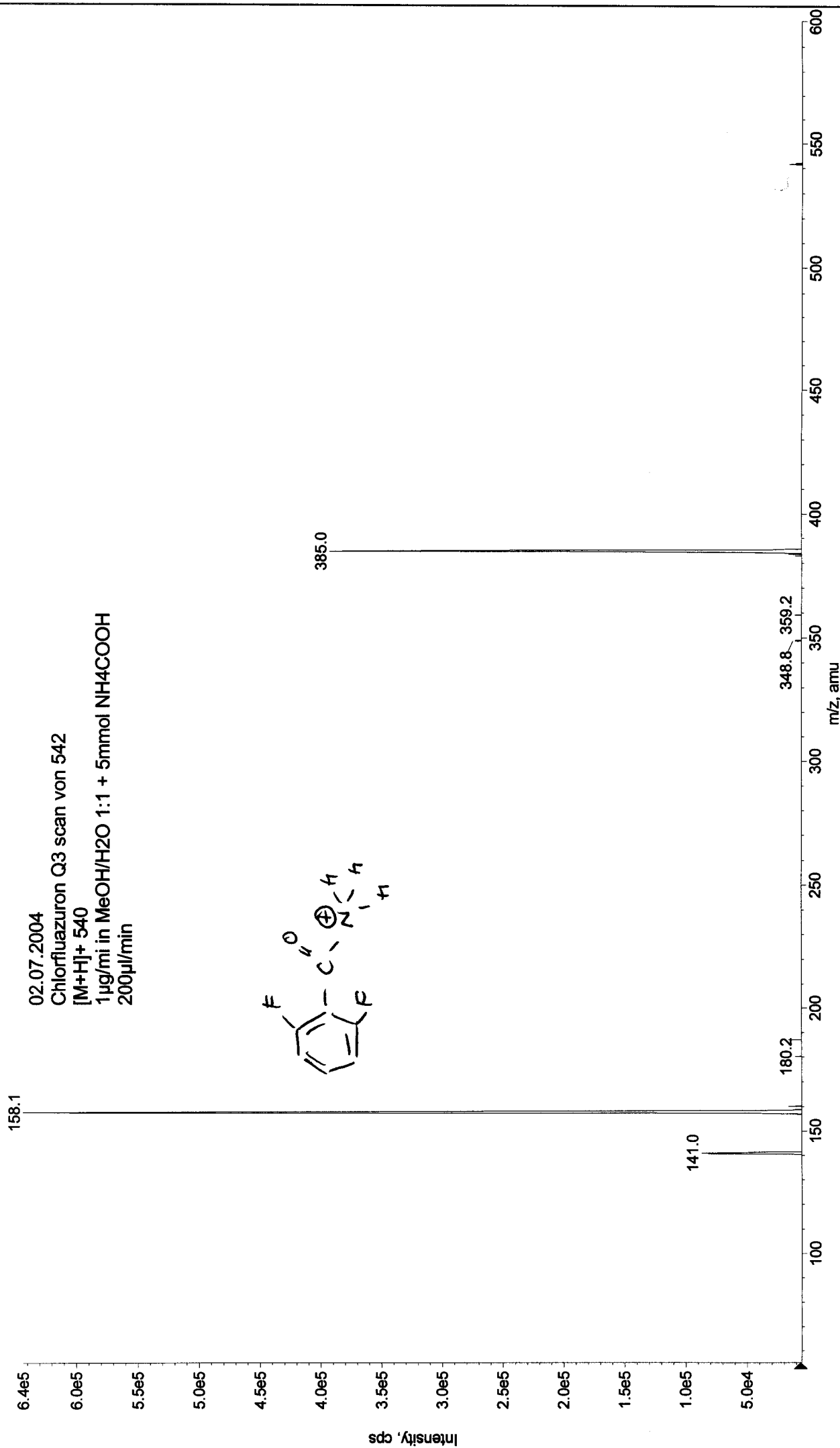


Printing Time: 8:29:38
Printing Date: Friday, July 02, 2004

Acq. Time: 08:28
Acq. Date: Friday, July 02, 2004
Acq. File: MT20040702082826.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

+MS2 (542.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040702082826.wiff (Turbo Spray) Max. 6.4e5 cps



+MS2 (540.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040702084409.wiff (Turbo Spray) Max. 6.4e5 cps.

