

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

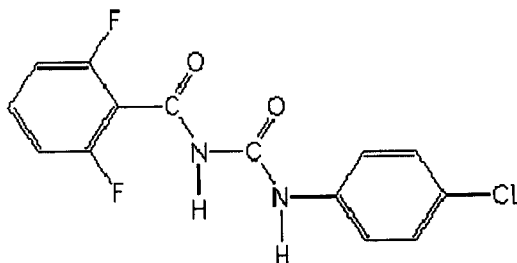
Analyte: Diflubenzuron

CAS No.: 35367-38-5

Formula: C₁₄H₉ClF₂N₂O₂

Molecular mass (lowest isotopes): 310,03 amu

Structure:



Ionisation: ESI +

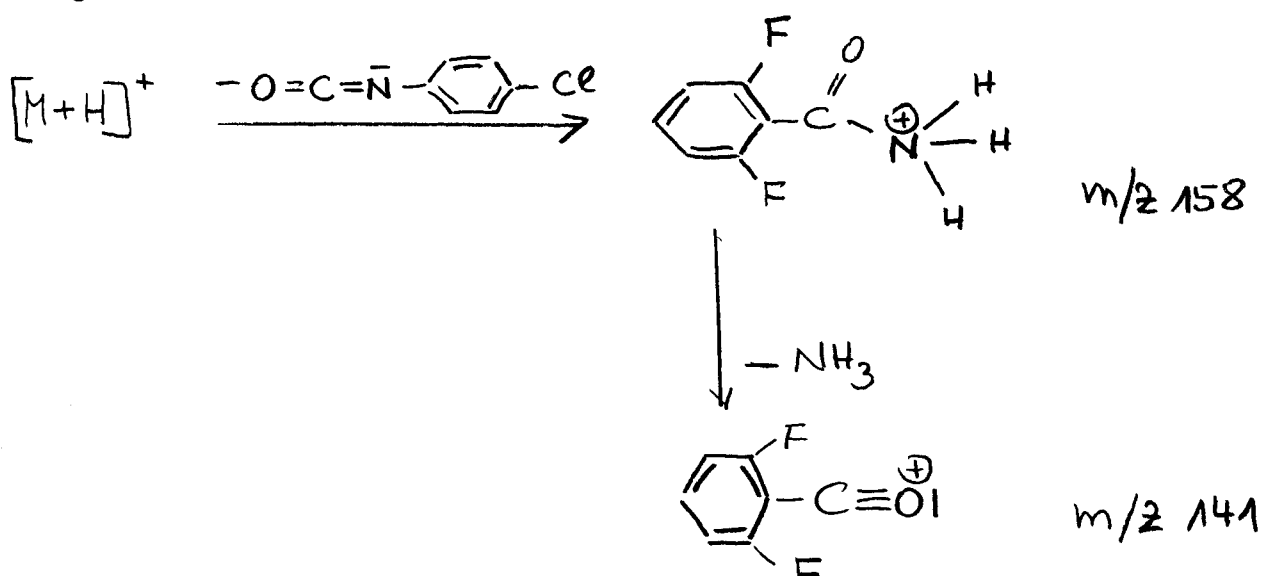
Quasimolecular ion: 311,0 amu = [M+H]⁺

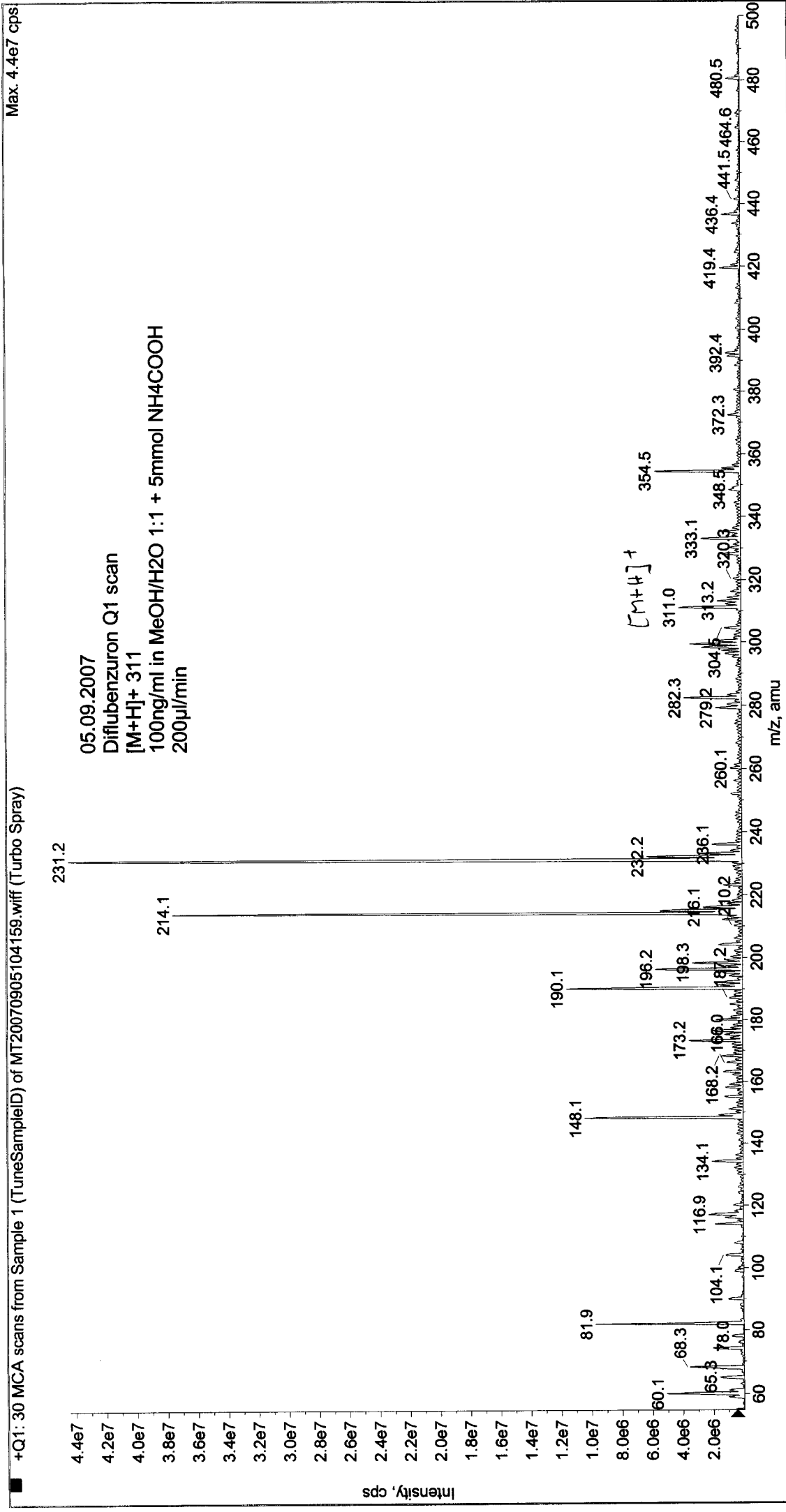
Analyte sensitive parameter set (API 2000)

Transition	311,0 → 158,0	311,0 → 141,0
Declustering potential (DP) ^{*)}	6 V	6 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	9,5 V	8,5 V
Collision cell entrance potential (CEP)	24 V	22 V
Collision energy (CE)	17 V	41 V
Collision cell exit potential (CXP)	10 V	8 V

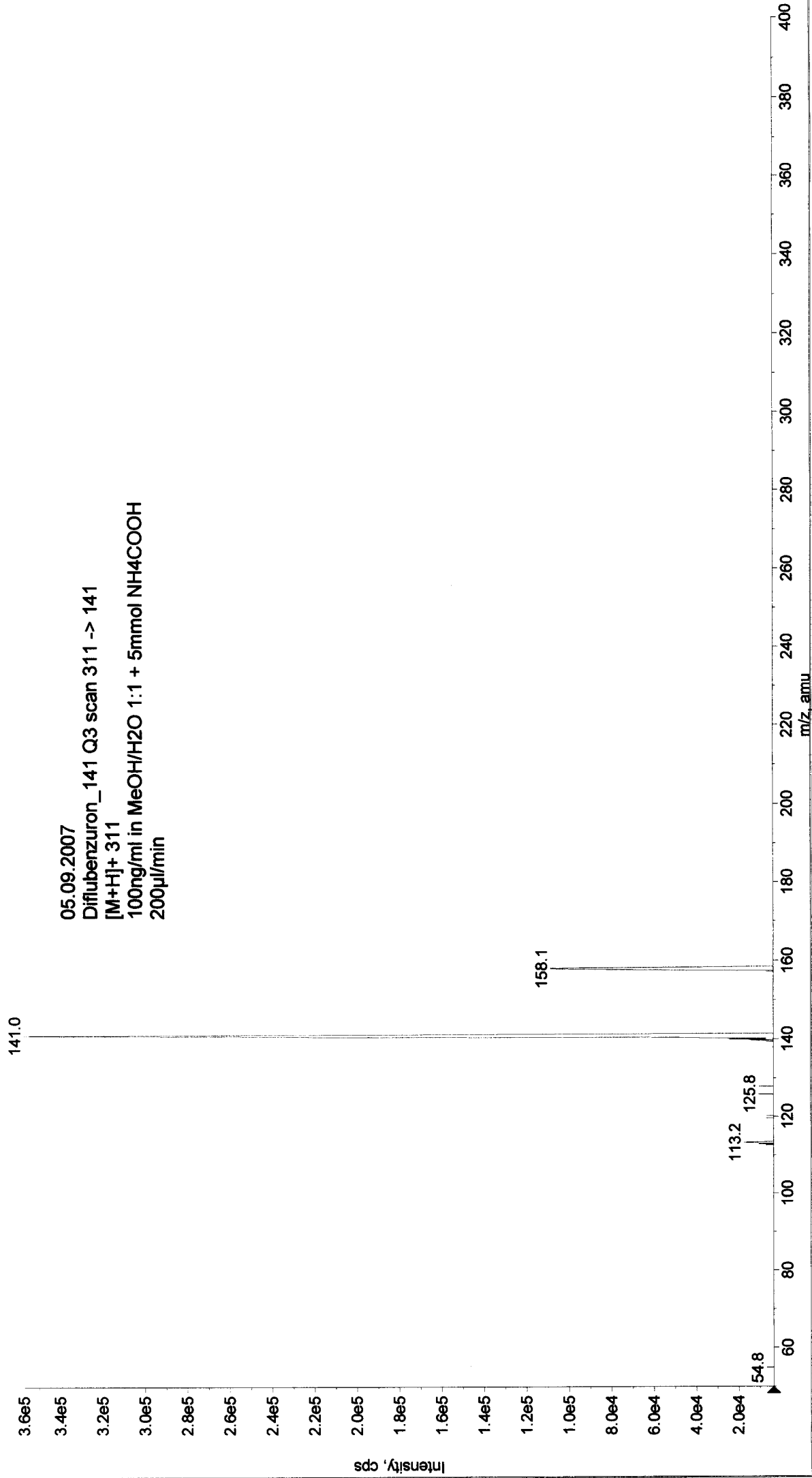
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

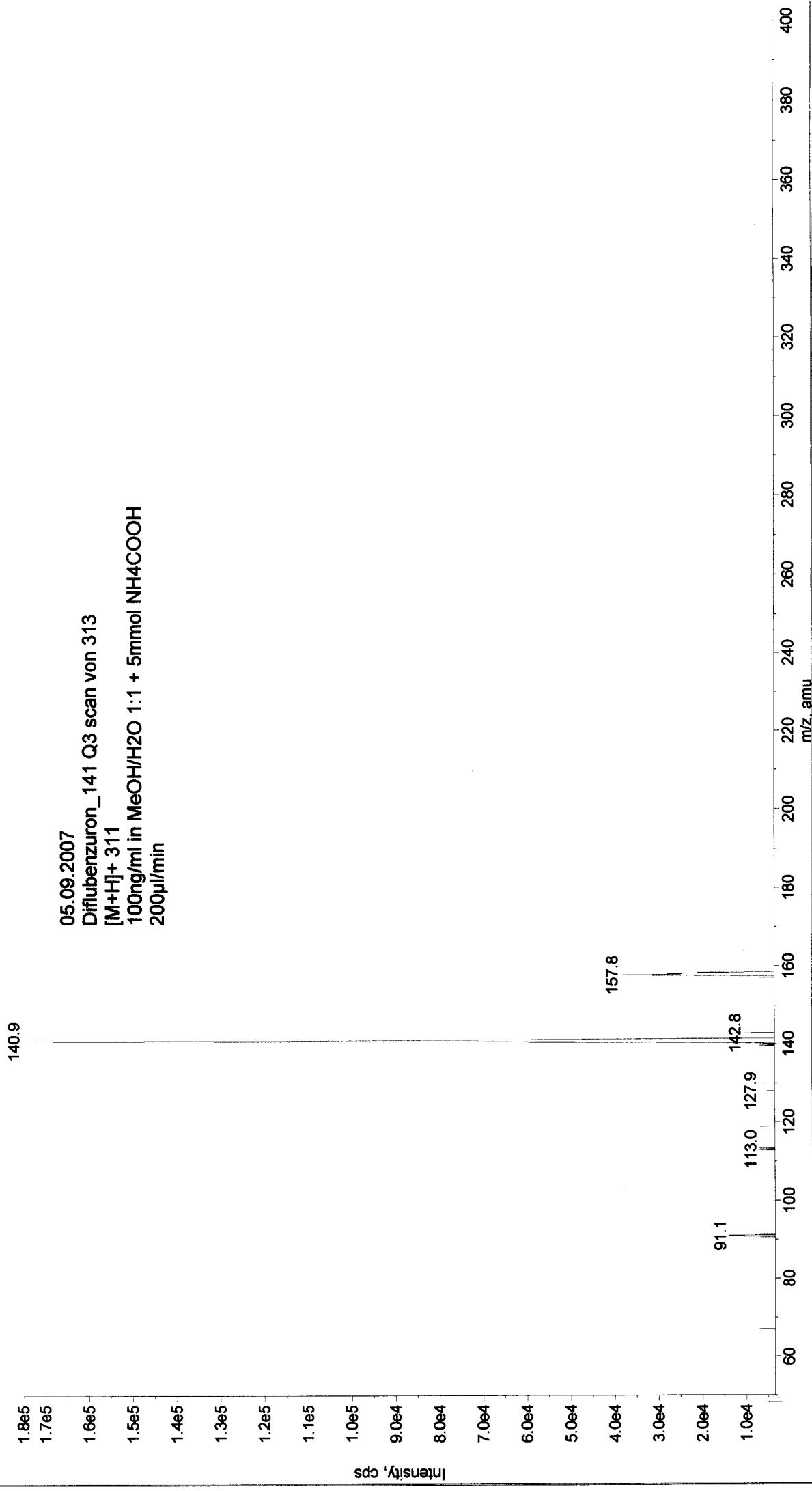




■ +MS2 (311.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070905115858.wiff (Turbo Spray)



■ +MS2 (313.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070905120224.wiff (Turbo Spray)



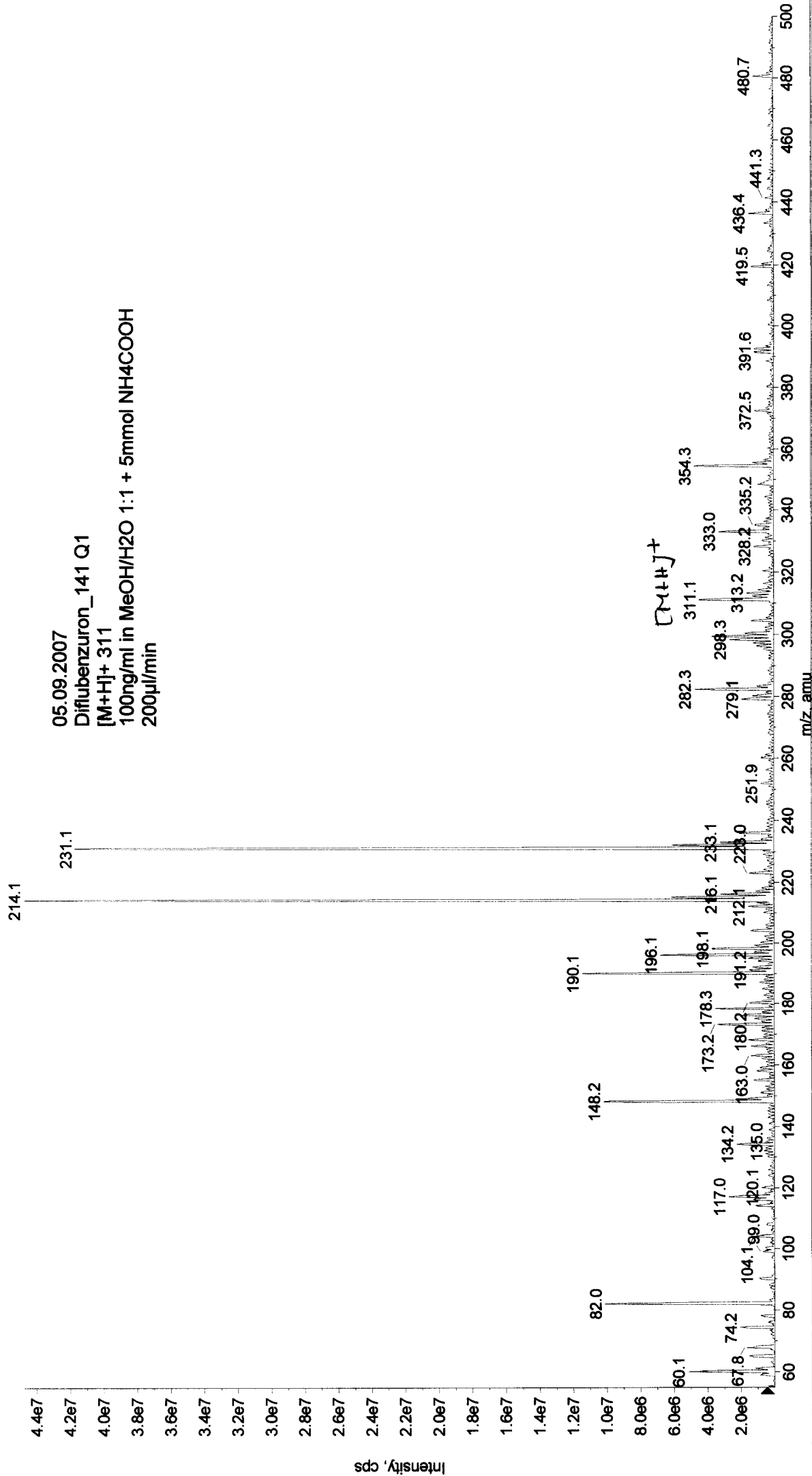
Printing Time: 12:05:26
Printing Date: Wednesday, September 05, 2007

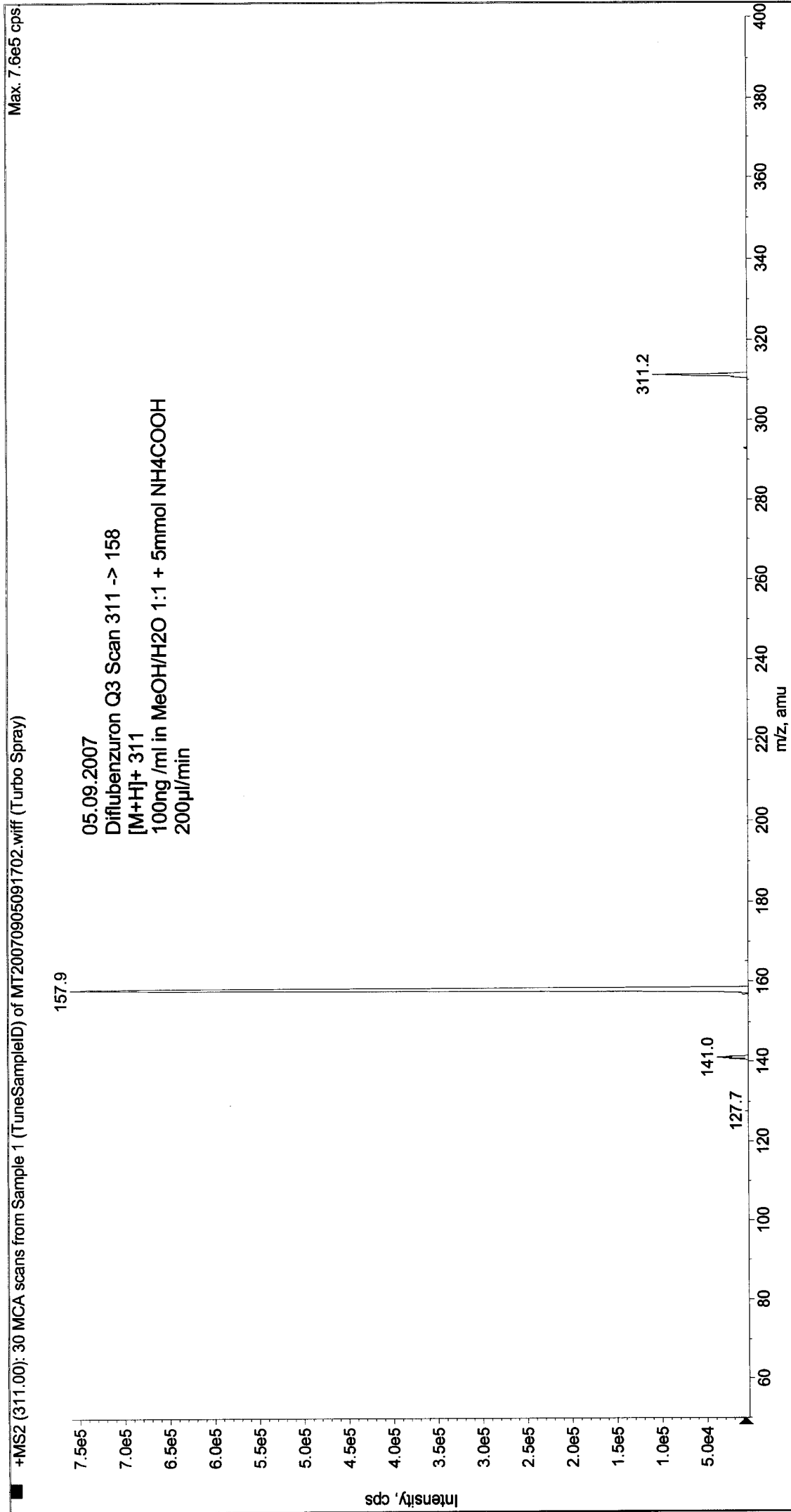
Acq Time: 12:04
Acq Date: Wednesday, September 05, 2007
Acq File: MT20070905120420.wiff

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

Max. 4.5e7 cps.

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20070905120420.wiff (Turbo Spray)





Max: 3.5e5 cps.

+MS2 (313.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070905120621.wiff (Turbo Spray)

