

MS/MS Parameters of Pesticides

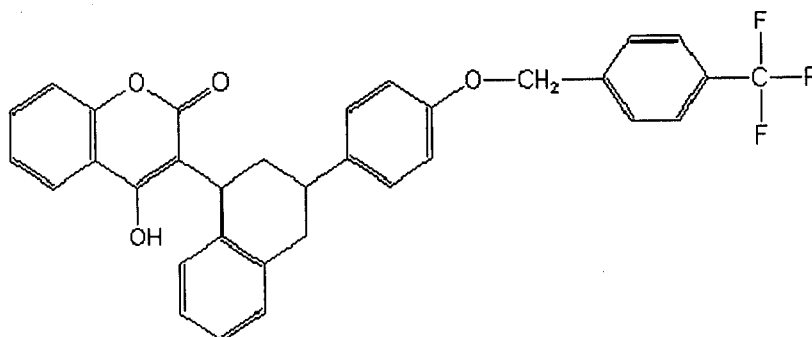
Analyte: Flocoumafen

CAS No.: 90035-08-8

Formula: C₃₃H₂₅F₃O₄

Molecular mass (lowest isotopes): 542,17 amu

Structure:



Ionisation: ESI -

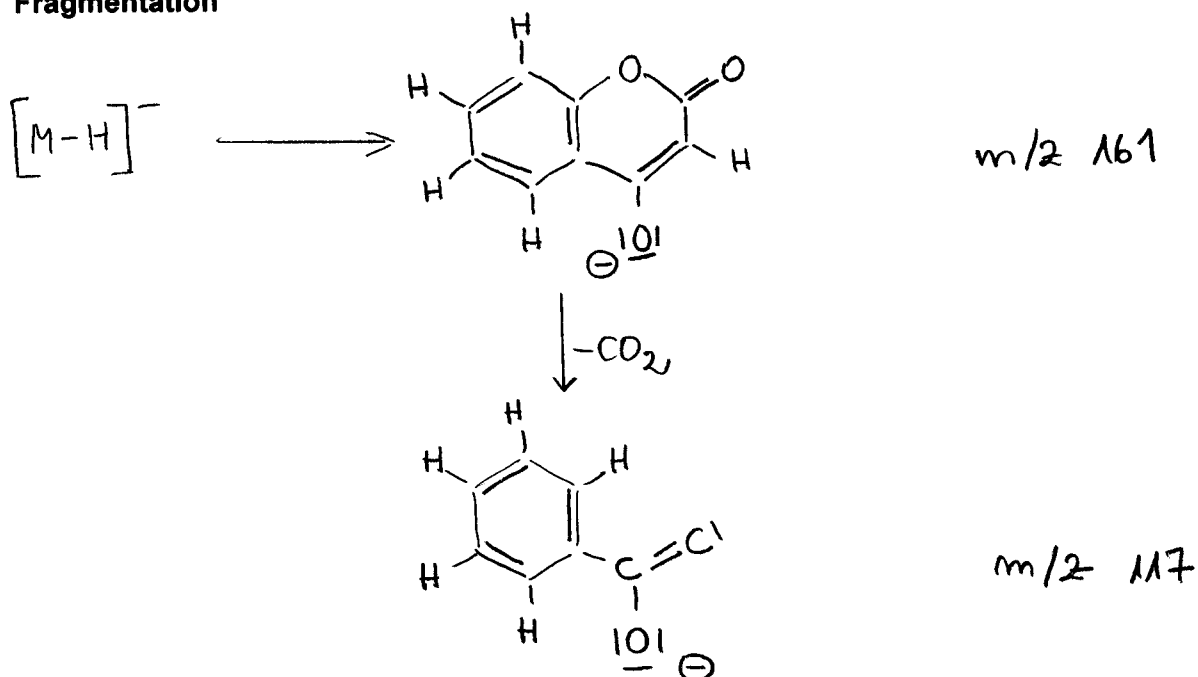
Quasimolecular ion: 541,2 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	541,2 → 161,0	541,2 → 117,0
Declustering potential (DP) ^{*)}	-119 V	-119 V
Focusing potential (FP)	-350 V	-350 V
Entrance potential (EP)	-10 V	-10 V
Collision cell entrance potential (CEP)	-38 V	-38 V
Collision energy (CE)	-42 V	-76 V
Collision cell exit potential (CXP)	-10 V	-8 V

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

Fragmentation

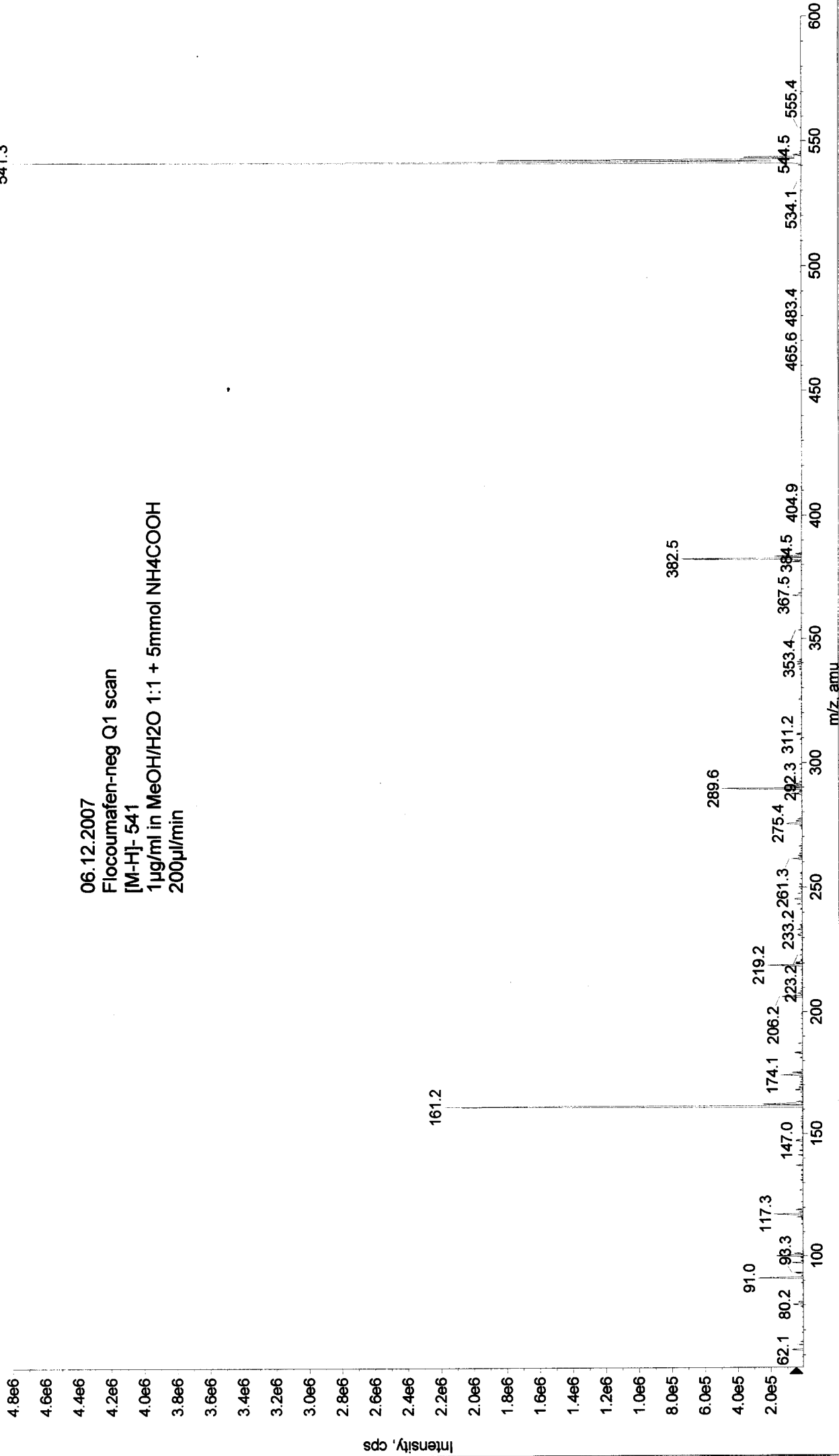


Max. 4.8e6 cps.

[M-H]⁻
541.3

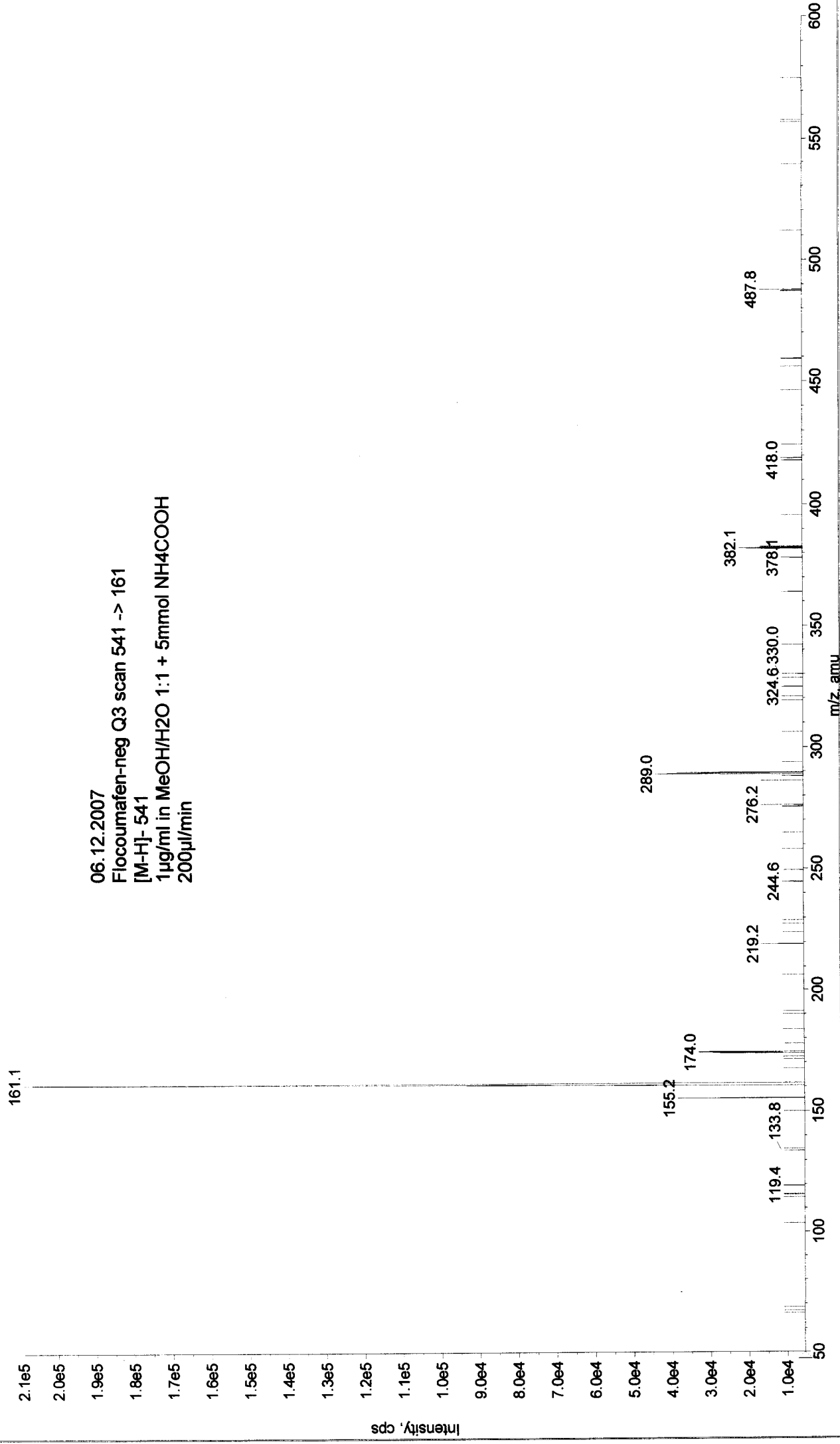
06.12.2007
Flocourmafen-neg Q1 scan
[M-H]⁻ 541
1 µg/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200 µl/min

-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071207085210.wiff (Turbo Spray)



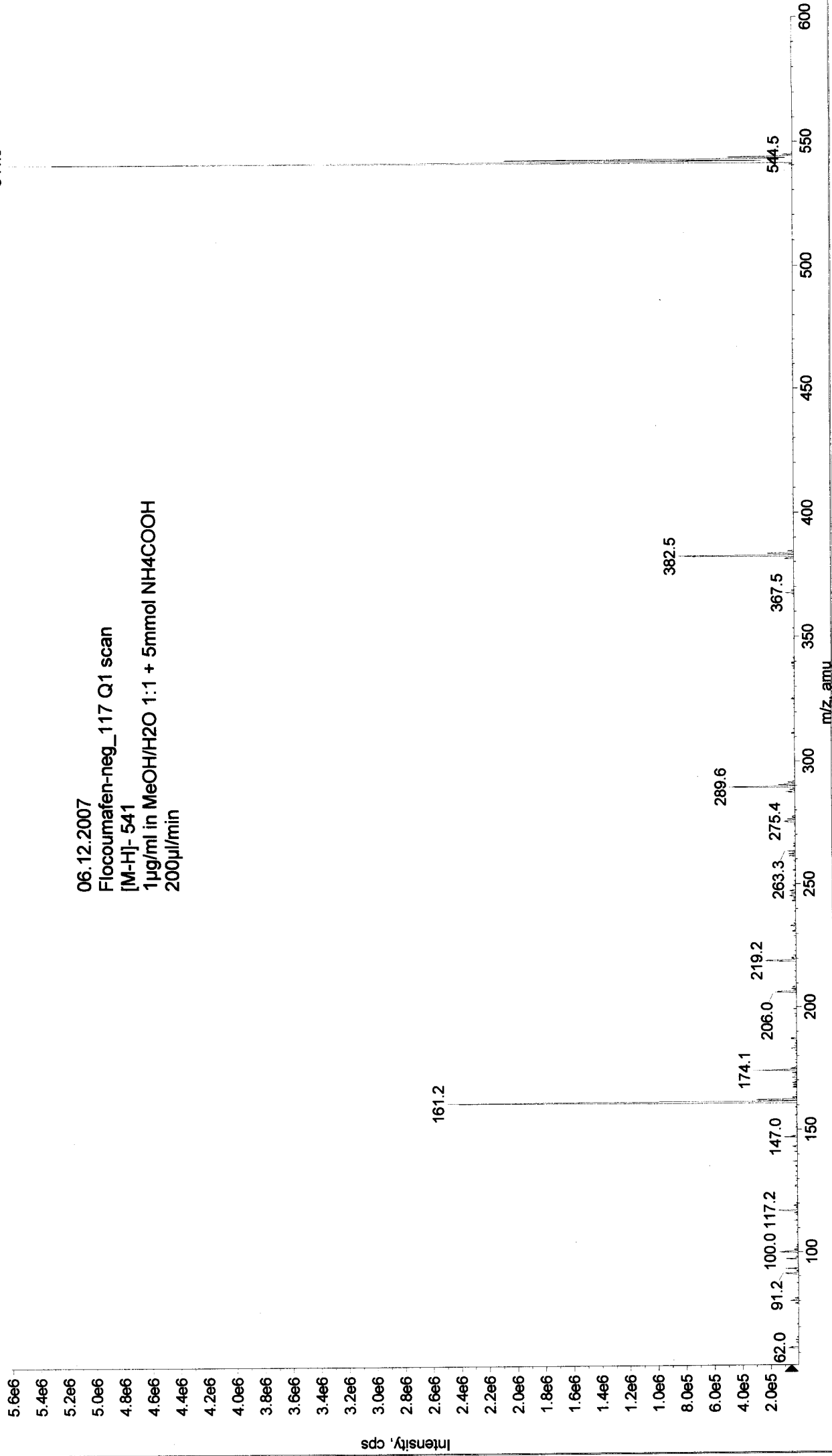
■ -MS2 (541.30): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071207085722.wiff (Turbo Spray)

Max. 2.1e5 cps.



Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071207085906.wiff (Turbo Spray)

Max. 5.6e6 cps.
[M-H]⁺
541.3



■ -MS2 (541.30): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071207090128.wiff (Turbo Spray) Max. 9.4e4 cps.

