

MS/MS Parameters of Pesticides

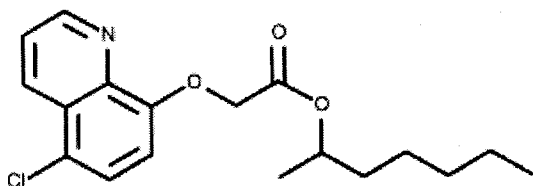
Analyte: Cloquintocet-mexyl

CAS No.: 99607-70-2

Formula: C₁₈H₂₂ClNO₃

Molecular mass (lowest isotopes): 335,13 amu

Structure:



Ionisation: ESI +

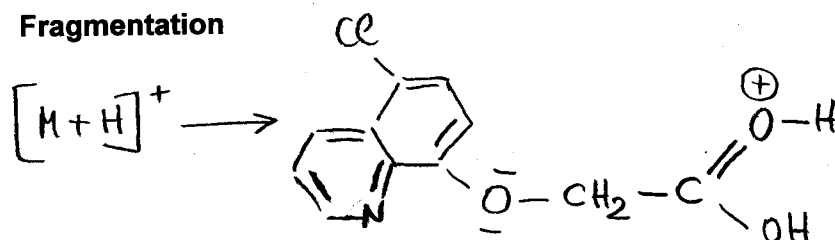
Quasimolecular ion: 336,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

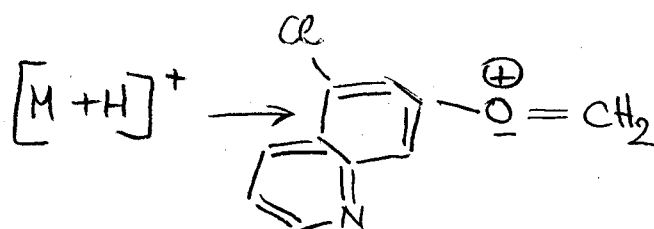
Transition	336,1 → 192,2	336,1 → 238,1
Declustering potential (DP) ^{*)}	16 V	16 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,0 V	10,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	37 V	21 V
Collision cell exit potential (CXP)	10 V	12 V

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

Fragmentation



m/z 238 / 240

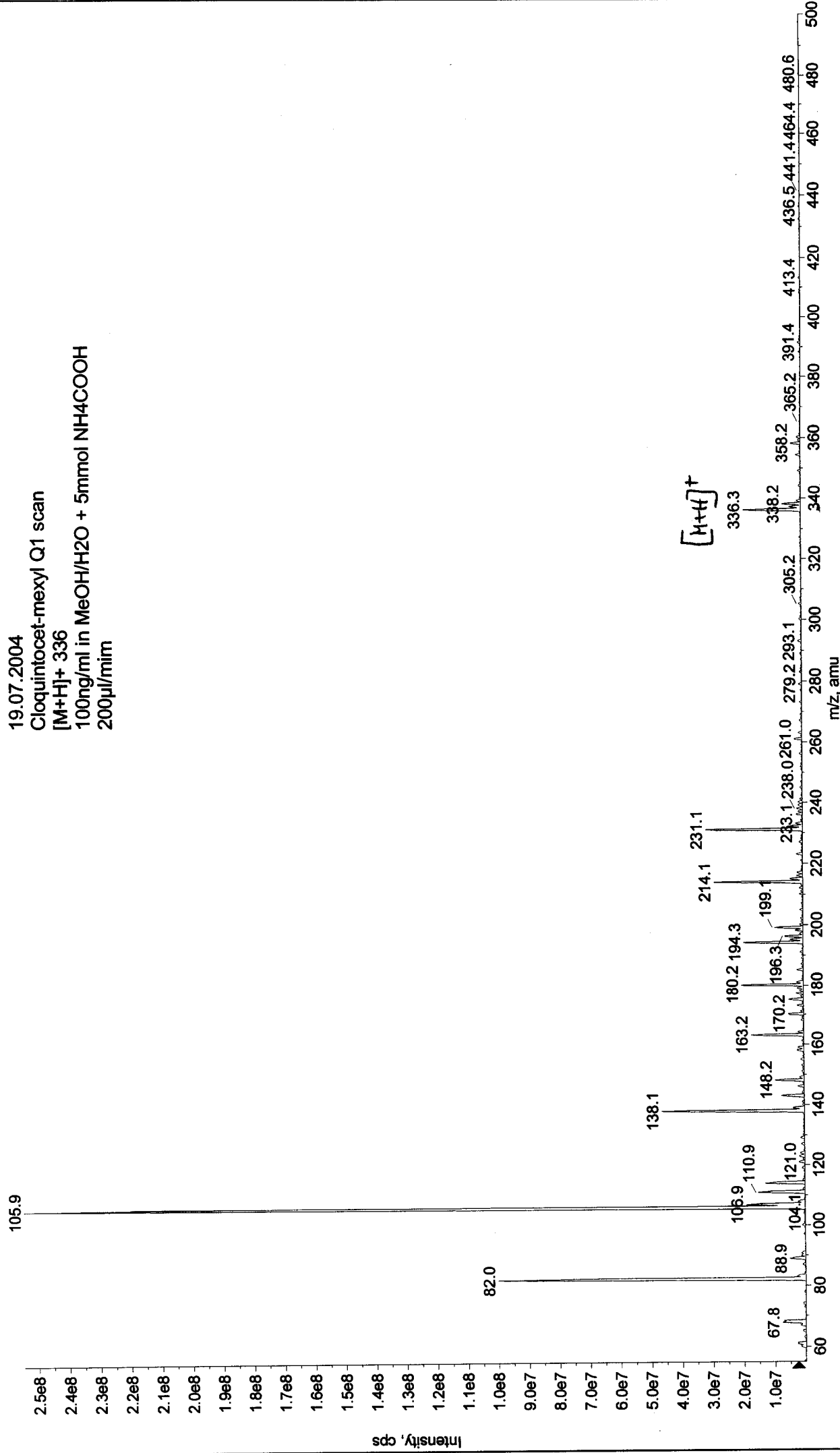


m/z 192 / 194

Max. 2.5e8 cps

■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719110209.wiff (Turbo Spray)

19.07.2004
Cloquintocet-mexyl Q1 scan
[M+H]⁺ 336
100ng/ml in MeOH/H₂O + 5mmol NH₄COOH
200µl/mim

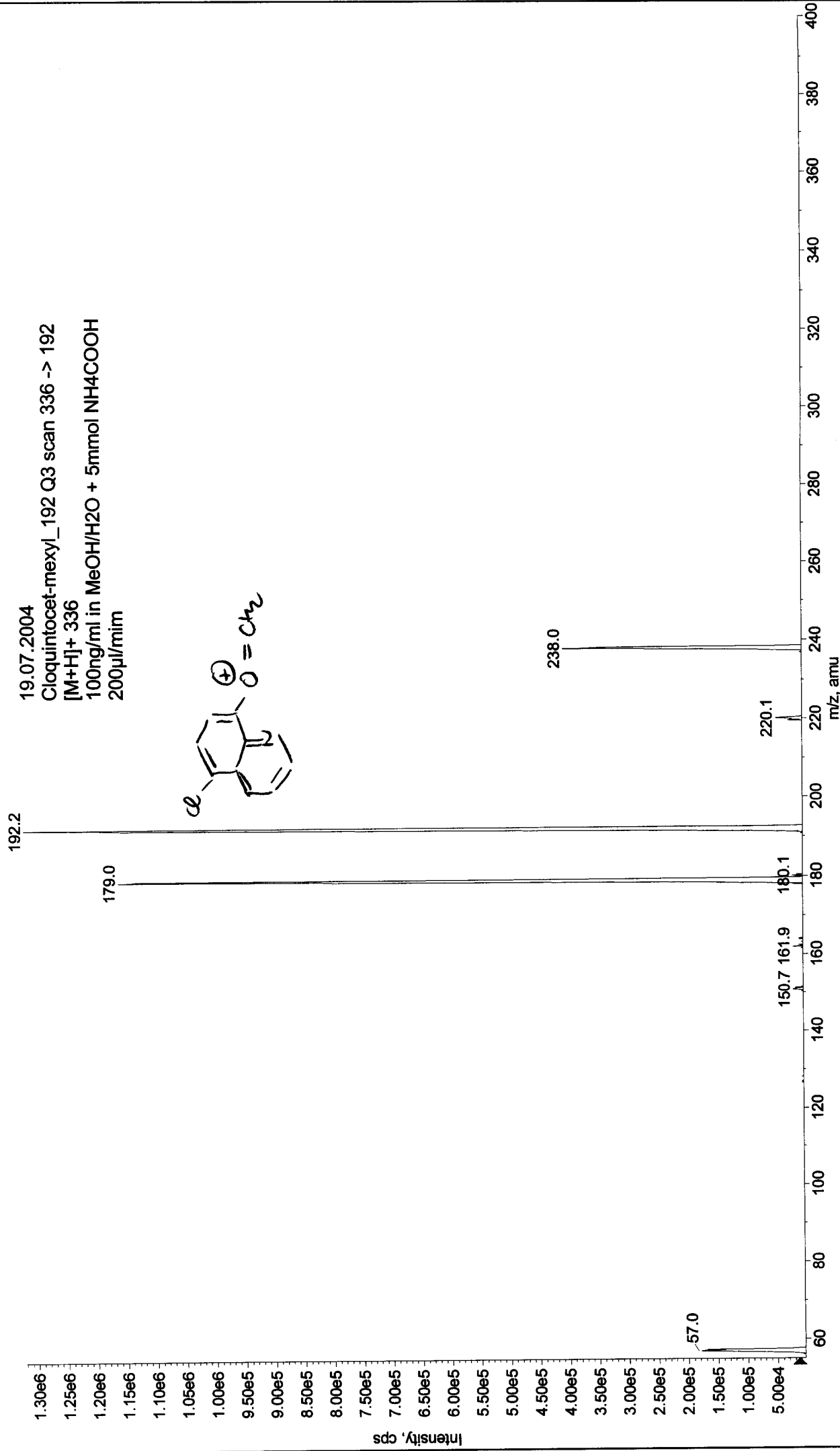


Printing Time: 11:16:03
Printing Date: Monday, July 19, 2004

Acq. Time: 11:14
Acq. Date: Monday, July 19, 2004
Acq. File: MT20040719111450.wiff

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

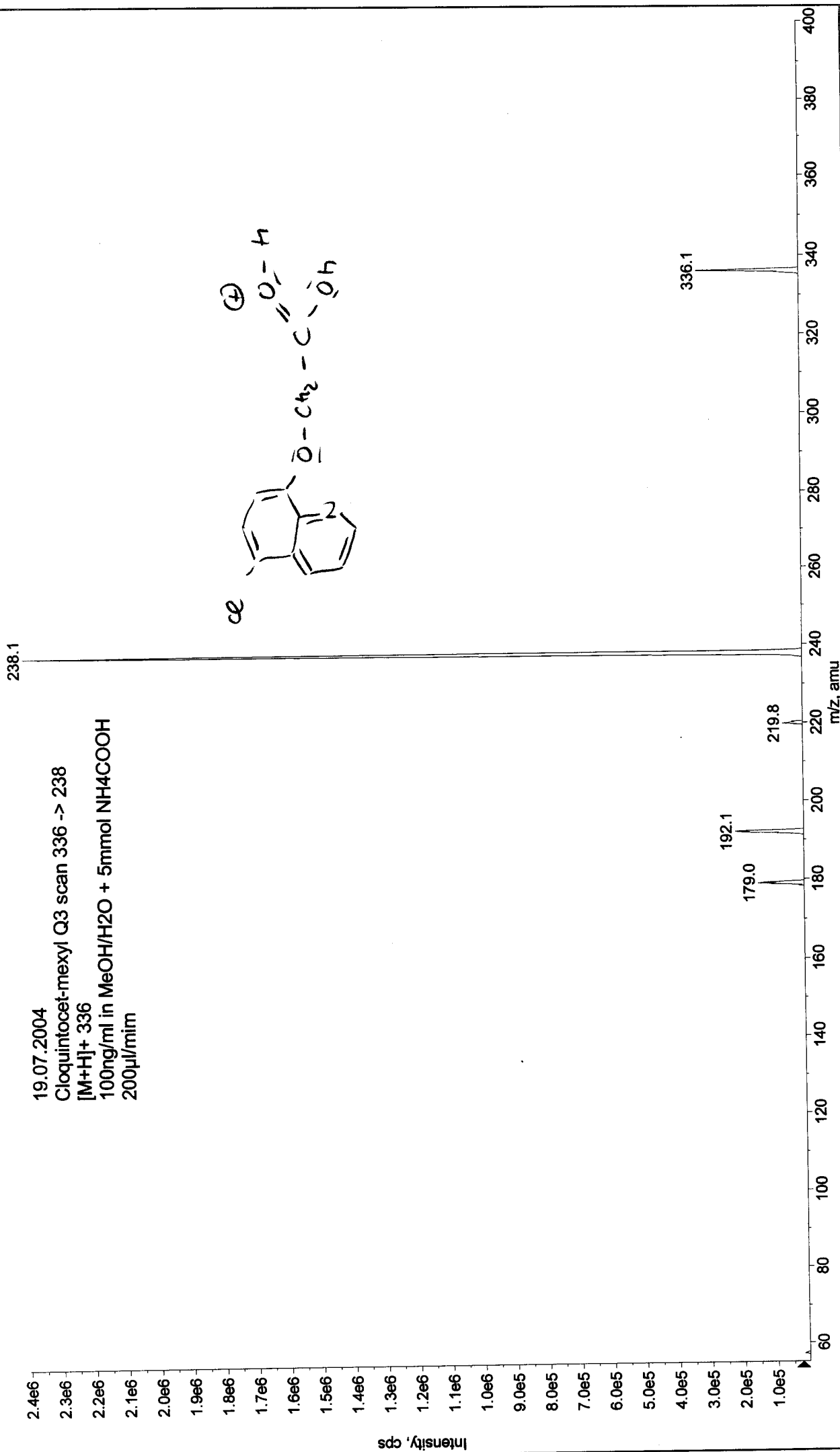
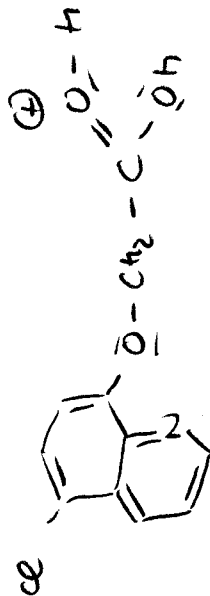
+MS2 (336.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719111450.wiff (Turbo Spray) Max. 1.3e6 cps



Max. 2.4e6 cps

+MS2 (336.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719110434.wiff (Turbo Spray)

19.07.2004
Cloquintocet-mexyl Q3 scan 336 -> 238
[M+H]⁺ 336
100ng/ml in MeOH/H₂O + 5mmol NH₄COOH
200µl/min



Printing Time: 11:06:54
Printing Date: Monday, July 19, 2004

Acq. Time: 11:06
Acq. Date: Monday, July 19, 2004
Acq. File: MT20040719110600.wiff

Sample Comment:
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