

MS/MS Parameters of Pesticides

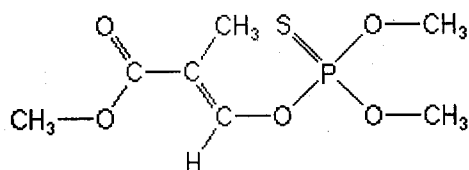
Analyte: Methacrifos

CAS No.: 62610-77-9

Formula: C₇H₁₃O₅PS

Molecular mass (lowest isotopes): 240,02 amu.

Structure:



Ionisation: ESI +

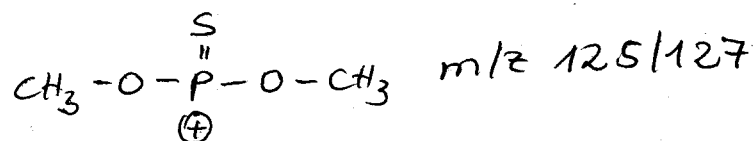
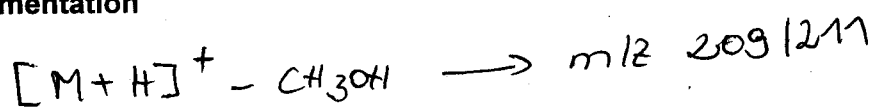
Quasimolecular ion: 241,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

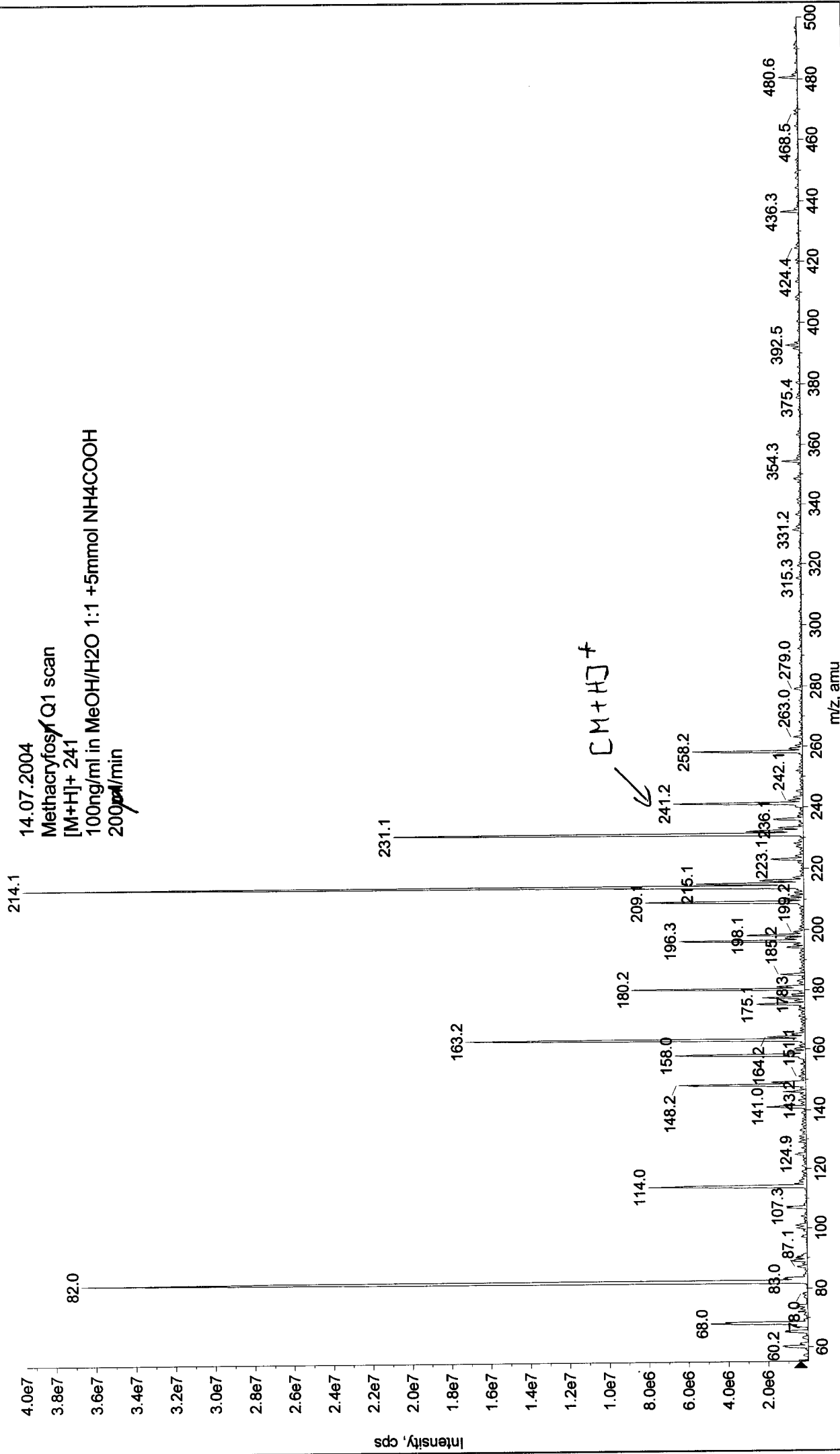
Transition	241,0 → 209,1	241,0 → 125,1
Declustering potential (DP) ^{*)}	31V	31 V
Focusing potential (FP)	350 V	350 V
Entrance potential (EP)	10,0 V	9,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	13 V	25 V
Collision cell exit potential (CXP)	10 V	6 V

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

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714102003.wiff (Turbo Spray) Max. 4.0e7 cps



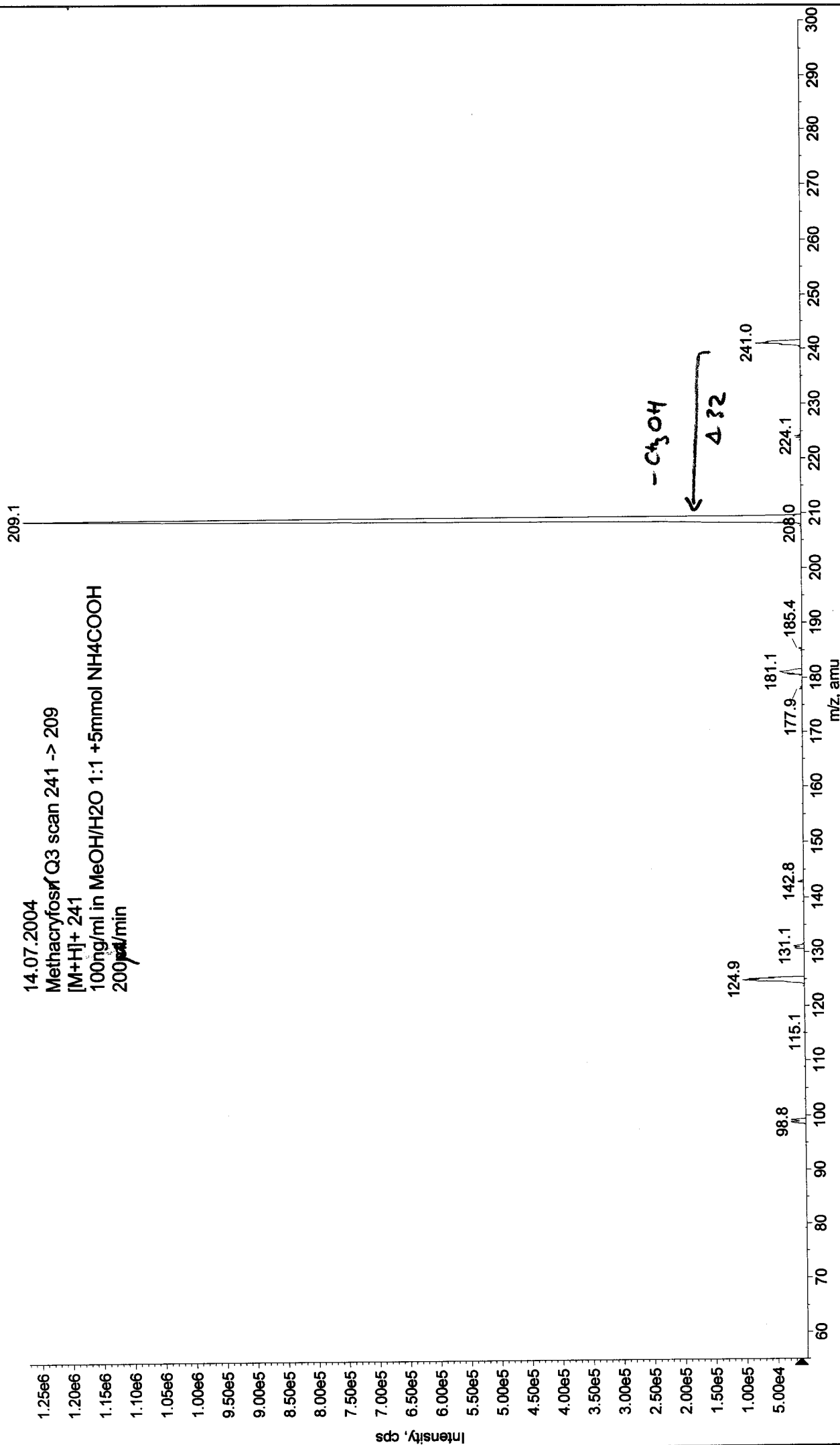
Printing Time: 10:23:19
Printing Date: Wednesday, July 14, 2004

Acq. Time: 10:22
Acq. Date: Wednesday, July 14, 2004
Acq. File: MT20040714102211.wiff

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

■ +MS2 (241.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714102211.wiff (Turbo Spray) Max. 1.3e6 cps

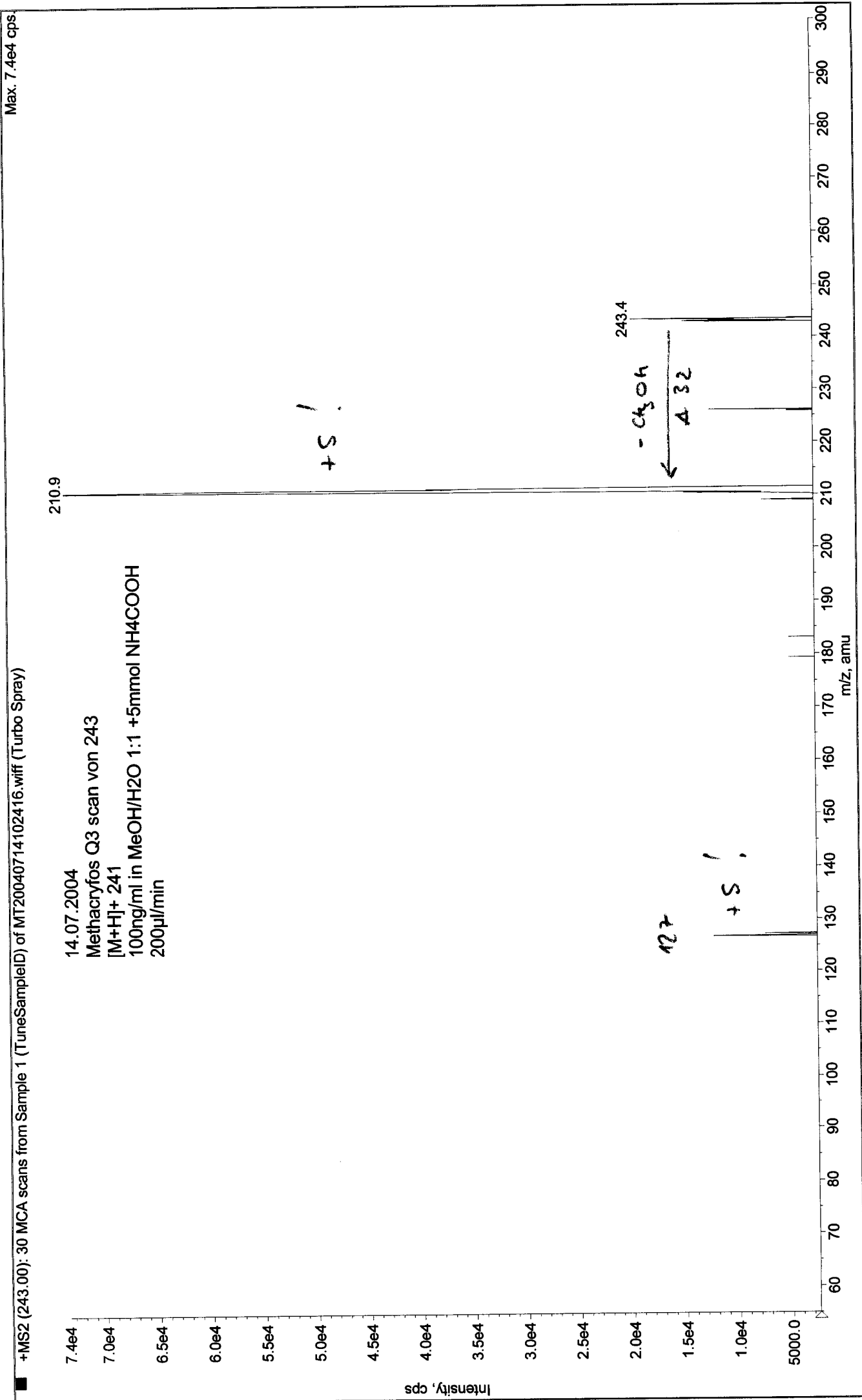
14.07.2004
Methacryfosf Q3 scan 241 -> 209
[M+H]⁺ 241
100ng/ml in MeOH/H₂O 1:1 +5mmol NH₄COOH
200 μ g/min



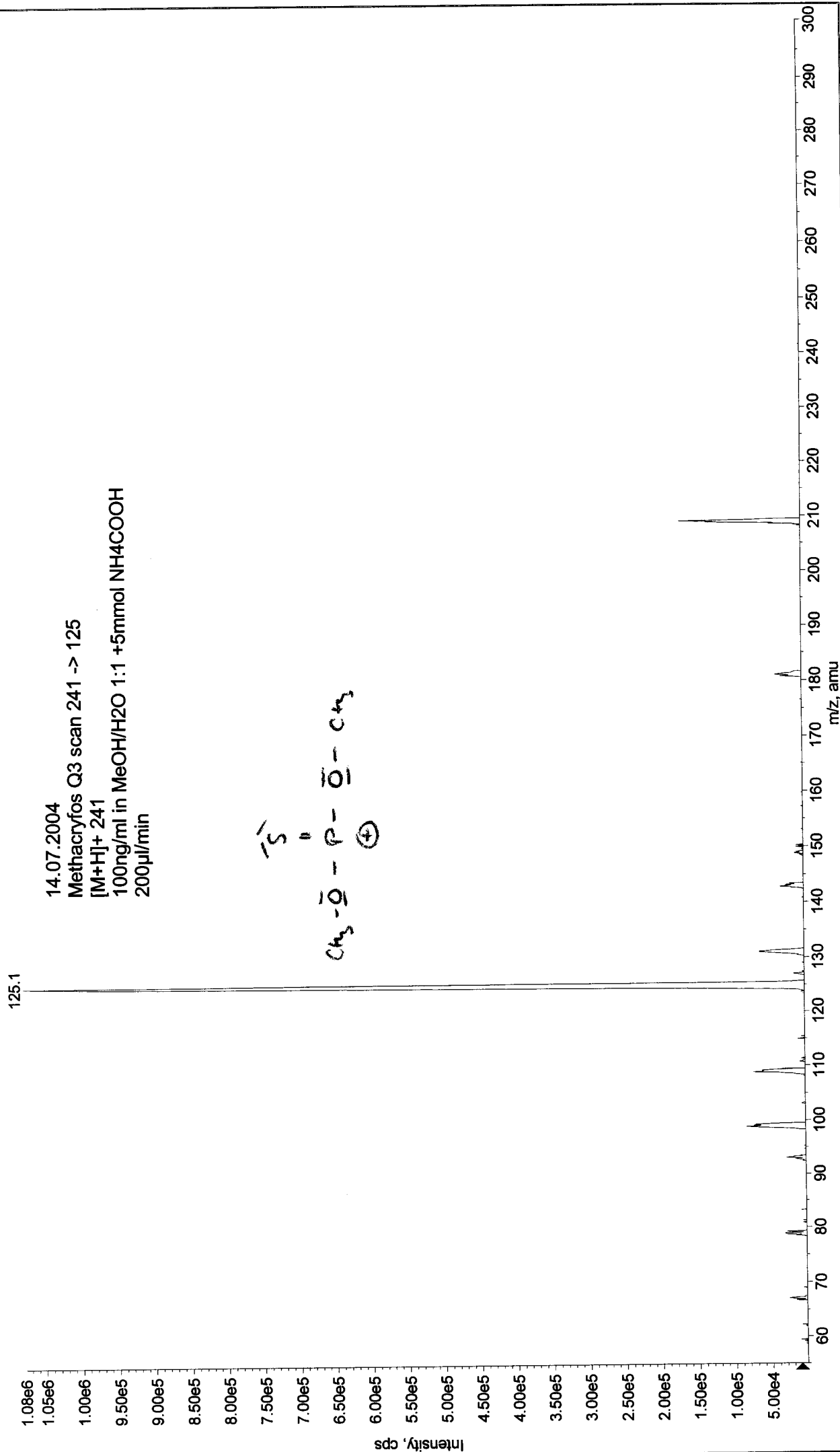
Printing Time: 10:26:07
Printing Date: Wednesday, July 14, 2004

Acq. Time: 10:24
Acq. Date: Wednesday, July 14, 2004
Acq. File: MT20040714102416.wiff

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



+MS2 (241.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714103241.wiff (Turbo Spray) Max. 1.1e6 cps



Max. 7.1e4 cps

■ +MS2 (243.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714103404.wiff (Turbo Spray)

