

MS/MS Parameters of Pesticides

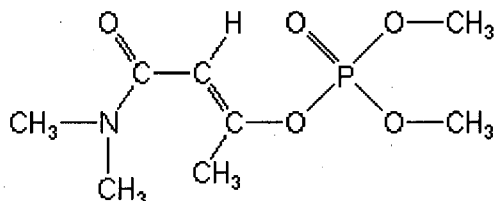
Analyte: Dicrotophos

CAS No.: 141-66-2

Formula: C₈H₁₆NO₅P

Molecular mass (lowest isotopes): 237,10 amu

Structure:



Ionisation: ESI +

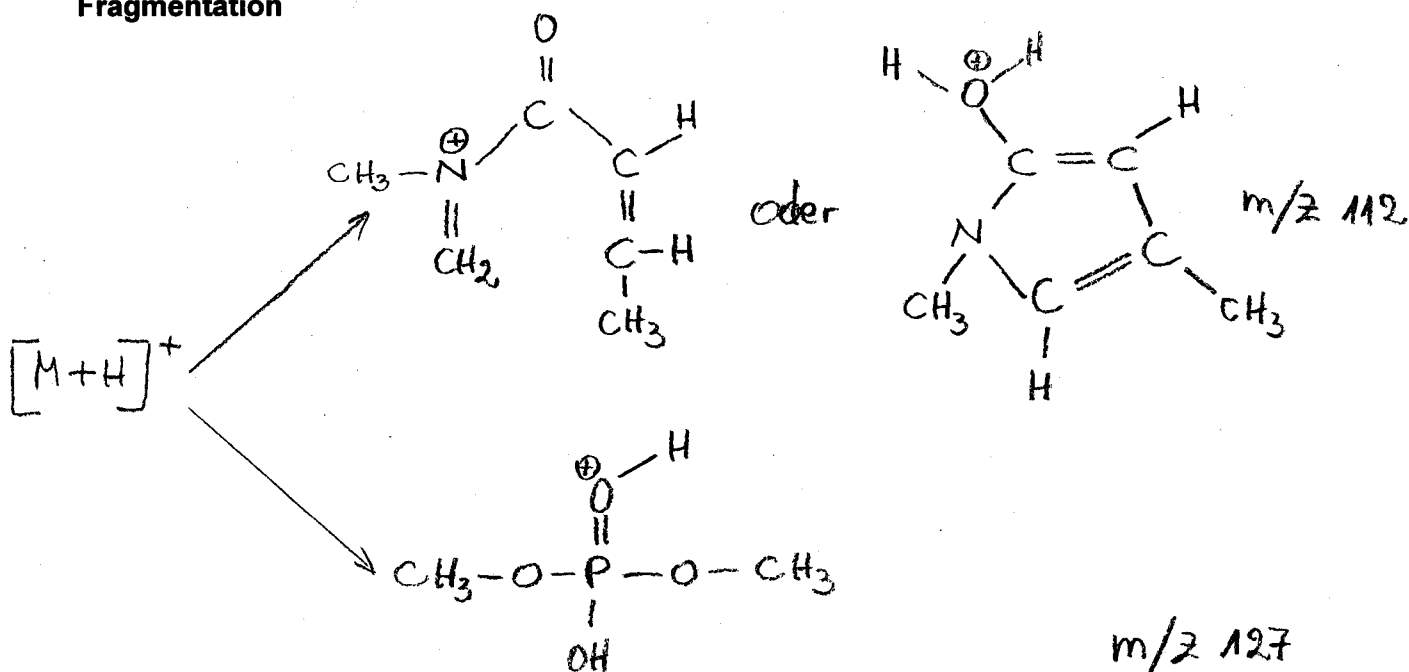
Quasimolecular ion: 238,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	238,1 → 127,1	238,1 → 112,1
Declustering potential (DP) ^{*)}	16 V	16 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	9,5 V	9,0 V
Collision cell entrance potential (CEP)	14 V	16 V
Collision energy (CE)	23 V	17 V
Collision cell exit potential (CXP)	6 V	6 V

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

Fragmentation



Printing Time: 14:48:13

Printing Date: Wednesday, June 30, 2004

Acq. Time: 13:59

Acq. Date: Wednesday, June 30, 2004

Acq. File: MT20040630135937.wiff

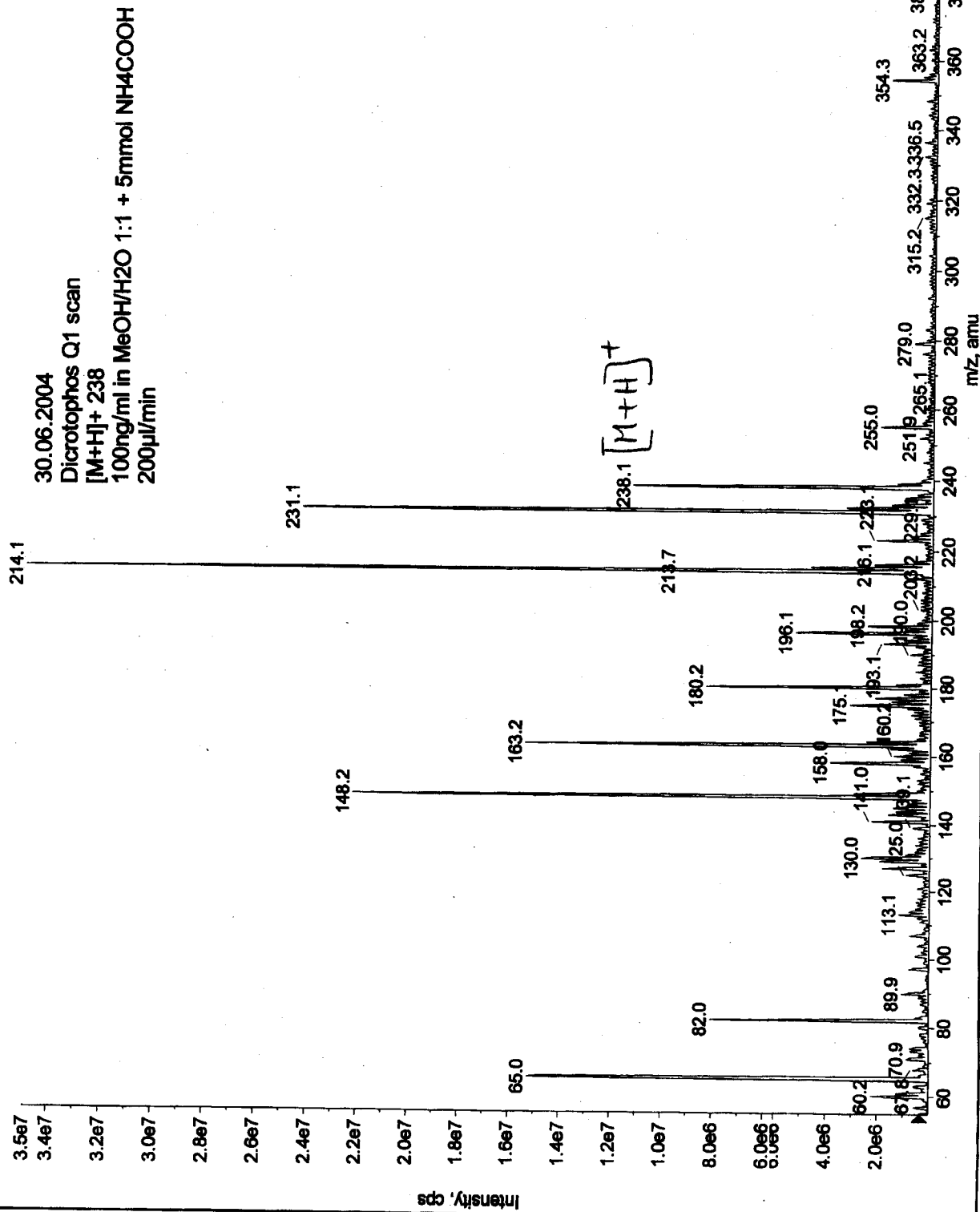
Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630135937.wiff (Turbo Spray)

Max. 3.5e7 cps

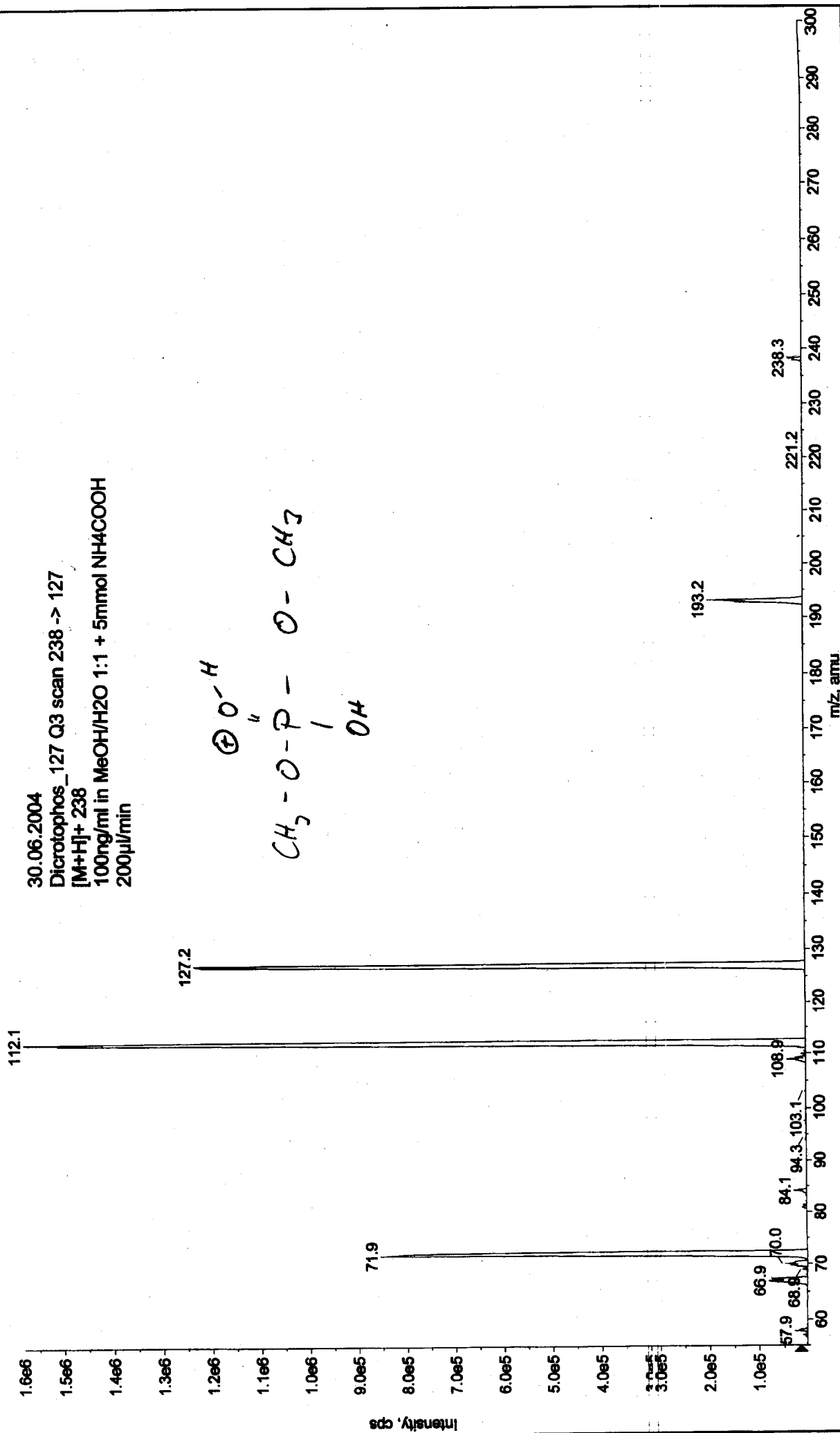


Printing Time: 14:58:09
Printing Date: Wednesday, June 30, 2004

Acq. Time: 14:56
Acq. Date: Wednesday, June 30, 2004
Acq. File: MT20040630145633.wiff

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

+MS2 (238.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630145633.wiff (Turbo Spray) Max 1.6e6 cps



Printing Time: 14:50:23
 Printing Date: Wednesday, June 30, 2004

Acq. Time: 14:49
 Acq. Site: Wednesday, June 30, 2004
 Acq. File: MT20040630144917.wiff

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

+MS2 (238.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630144917.wiff (Turbo Spray) Max. 1.3e6 cps

