



EXPERIMENT

Spectrum Name: Autunite - Daybreak Mine, Spokane, Wa
 Description: Small sample of Autunite, hydrated calcium uranyl phosphate (Ca(UO₂)₂(PO₄)₂·10-12H₂O)
 Student ID: Tom
 Detector: UCS30 + 6S6P1.5VDC2 38mm NaI(Tl) Scintillator
 Comments: Glows a beautiful green in long-wave UV
 Start Time: November 28, 2011, 10:16:46
 End Time: November 28, 2011, 10:54:16

SET UP

Acquisition Mode: PHA Pre-Amp High Voltage: 650
 Conversion Gain: 1024 Coarse Gain: 2 Fine Gain: 1.0
 Upper Discriminator: 1023 Lower Discriminator: 13
 Live Time: 2244.3 Real Time: 2249.68 Percent Dead: 0.23

REGIONS OF INTEREST

Peak Start	Peak End	Gross	Net	Energy	FWHM
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