

# MIKE Pipeline Report for m54\_242red

Generated by andy at 09:53:29 08-03-2007

Total Effective Exposure: [193499.17525455999]

Science Frames:

['m54\_242red\_spec7044.fits', 'm54\_242red\_spec7045.fits']

Th Ar Frames:

['m54\_242red\_lamp7047.fits']

***Overscan Subtraction, Trimming, and Image Reorientation: OK***

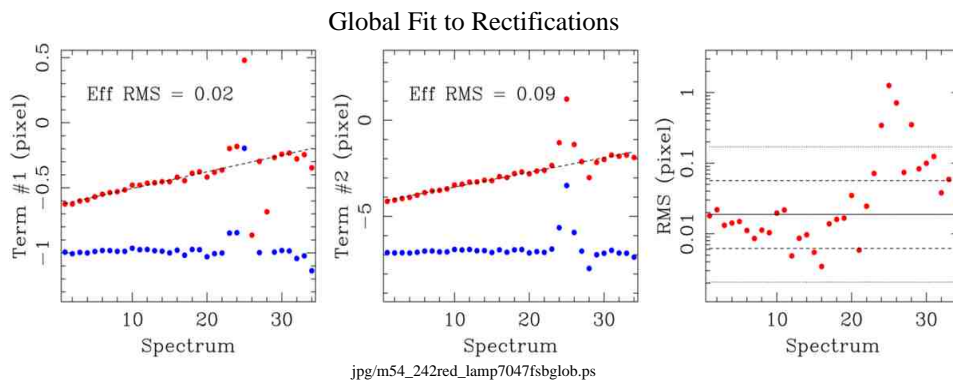
***Flattening: OK***

***Copying the Order Curvature: OK***

***Copy the Order Edges: OK***

***Dividing out the 2D Image of the Slit Function: OK***

***Line Curvature: OK***



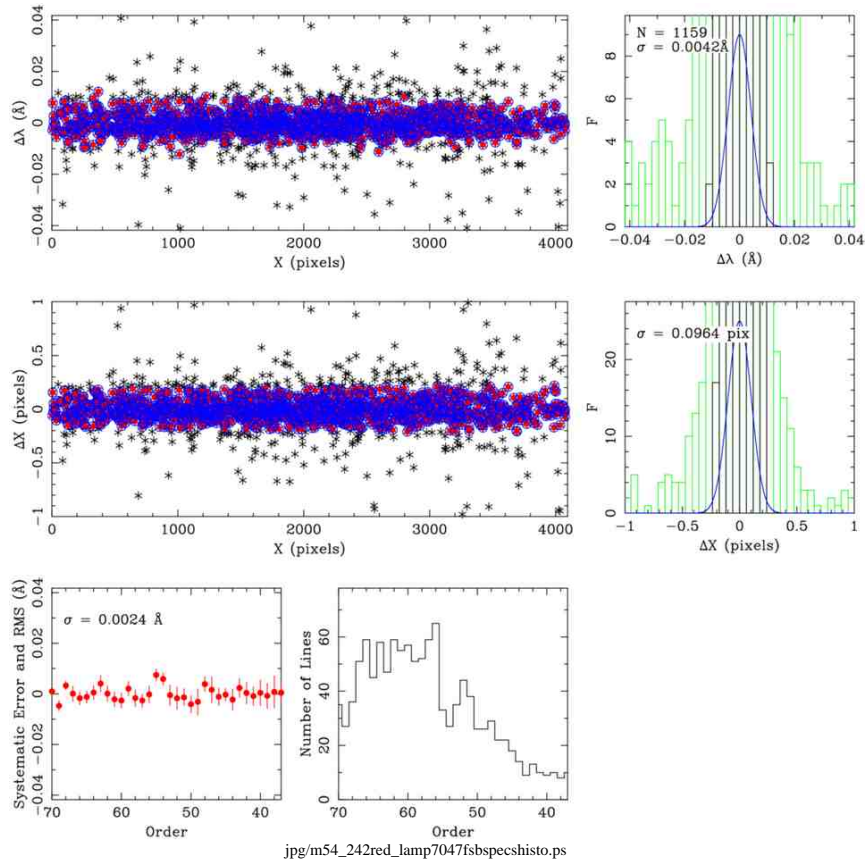
***Copying the Line Curvature: OK***

***Do the Wavelength Calibration: OK***

Frame	Spectral Order Numbers	Scatter in $\lambda$ -Calibration
lampred.fits	37-70	0.00430 pixels

Cross Correlations for Order Number Identification

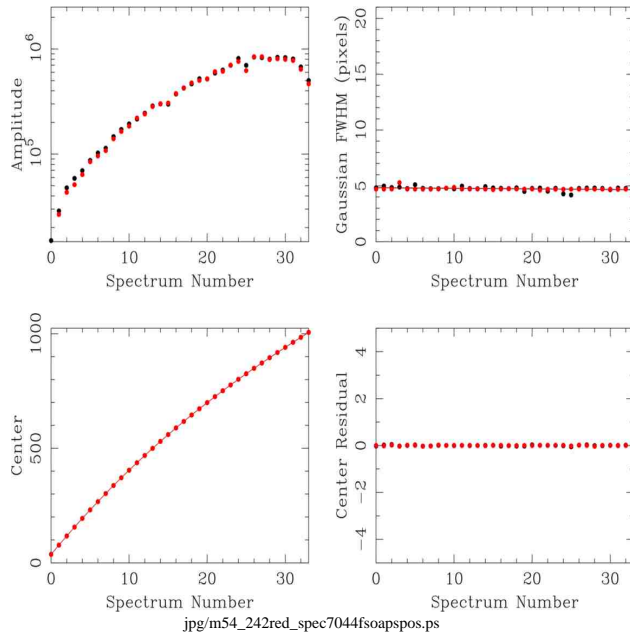
Residuals from Wavelength Solution



**Copy the Wavelength Calibration: OK**

**Generate Sky Apertures: OK**

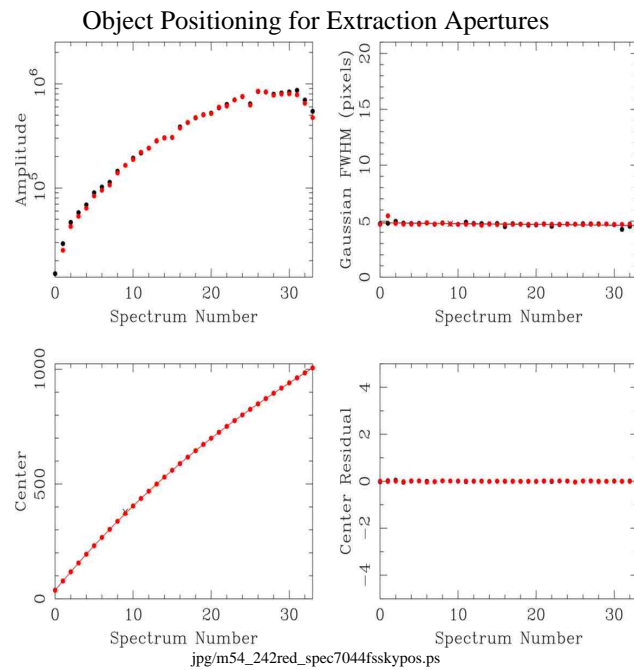
**Object Positioning for Sky Apertures**



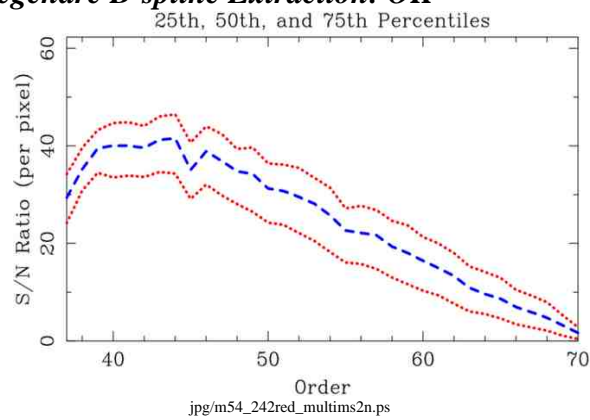
**Determine the Sky Background: OK**

**Subtract the Sky Background: OK**

**Generate Object Positions: OK**



**Run Gauss-Hermite Legendre B-spline Extraction: OK**



**Copy Final Products: OK**