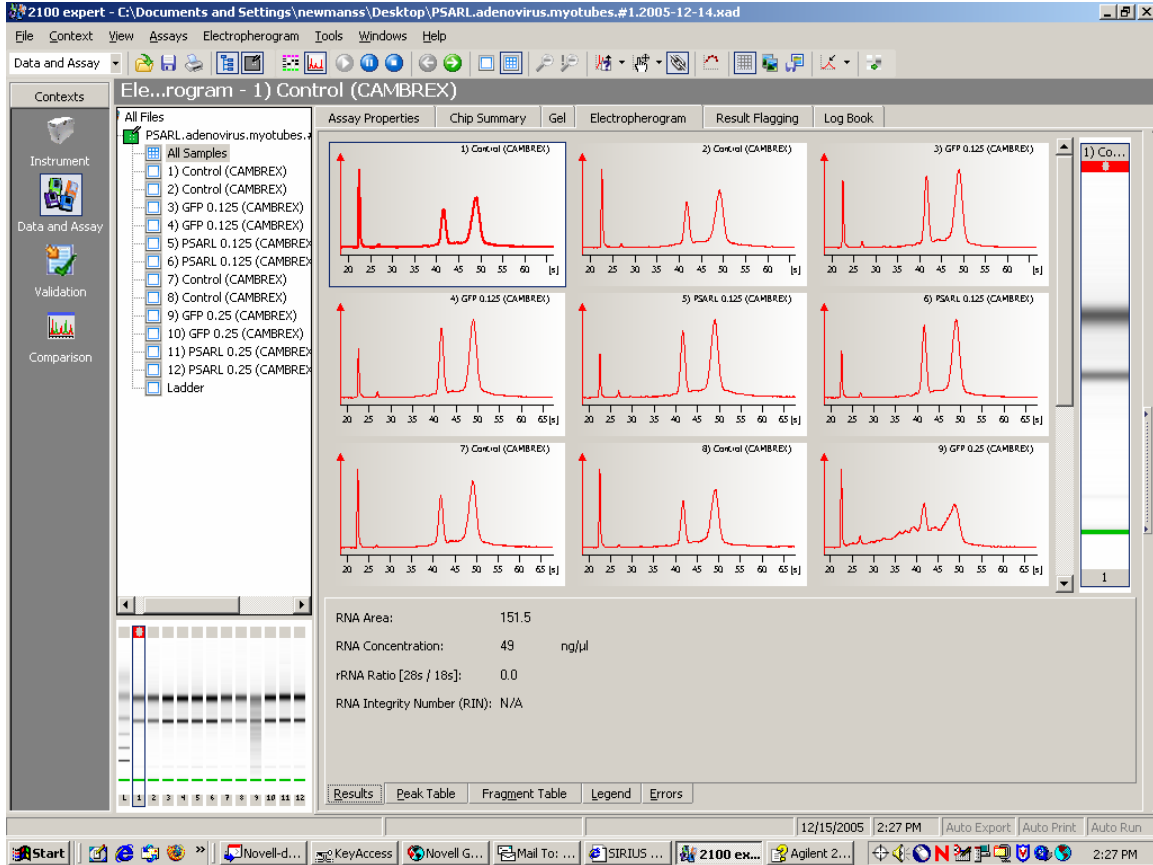
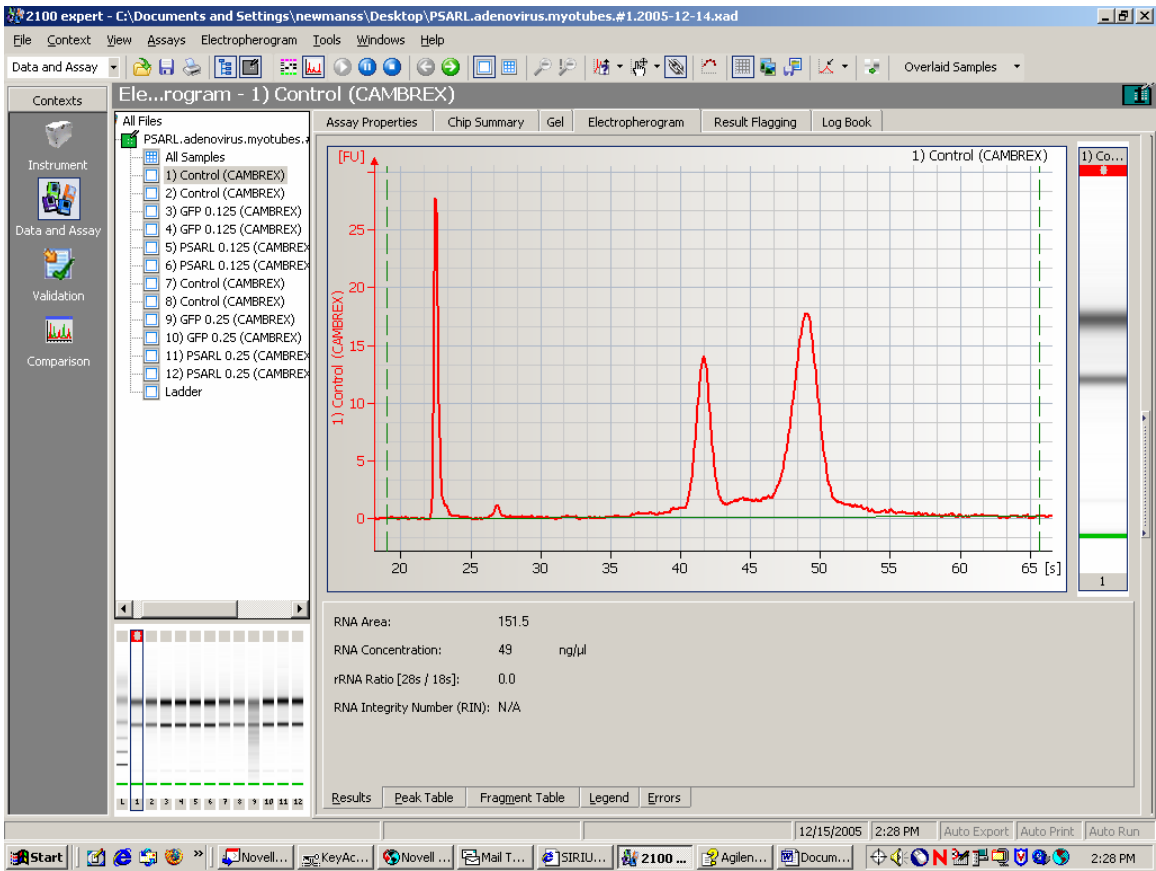


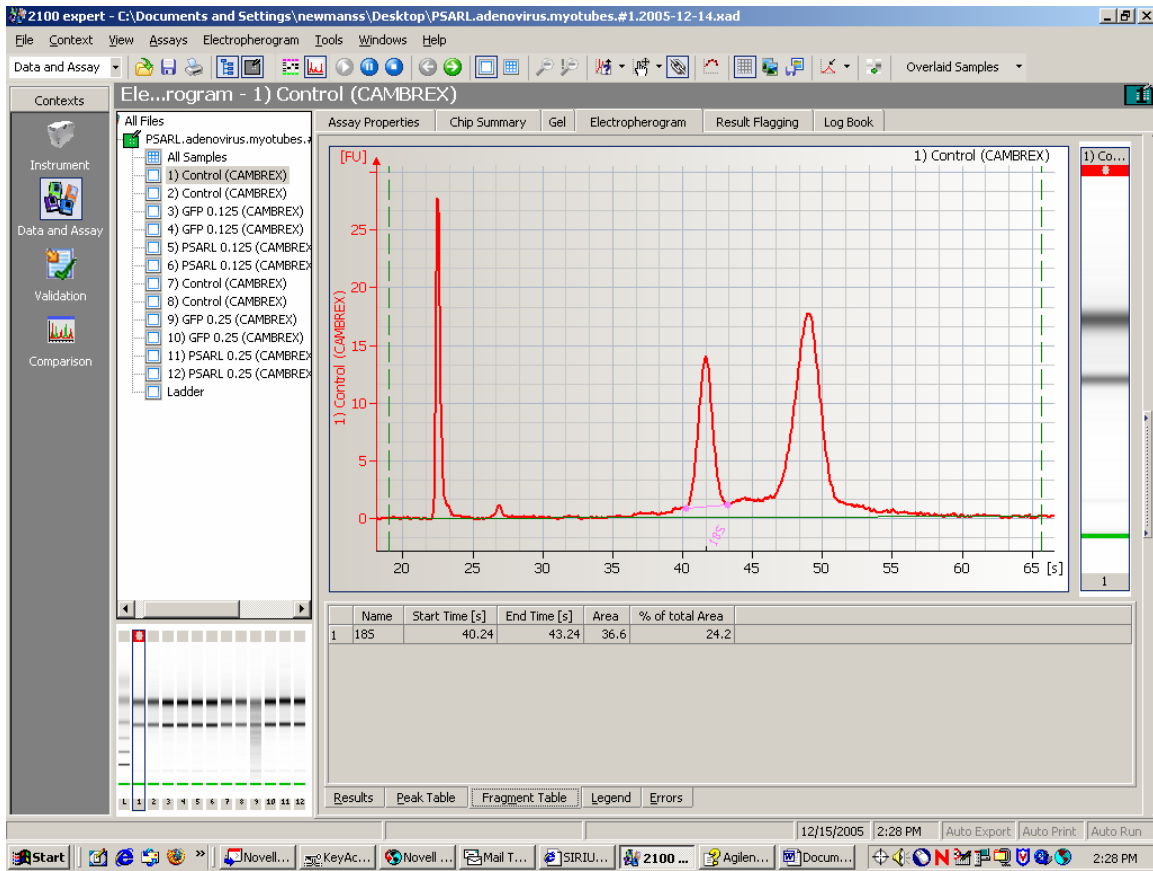
## Correcting Missed or Incorrect Peak Calls



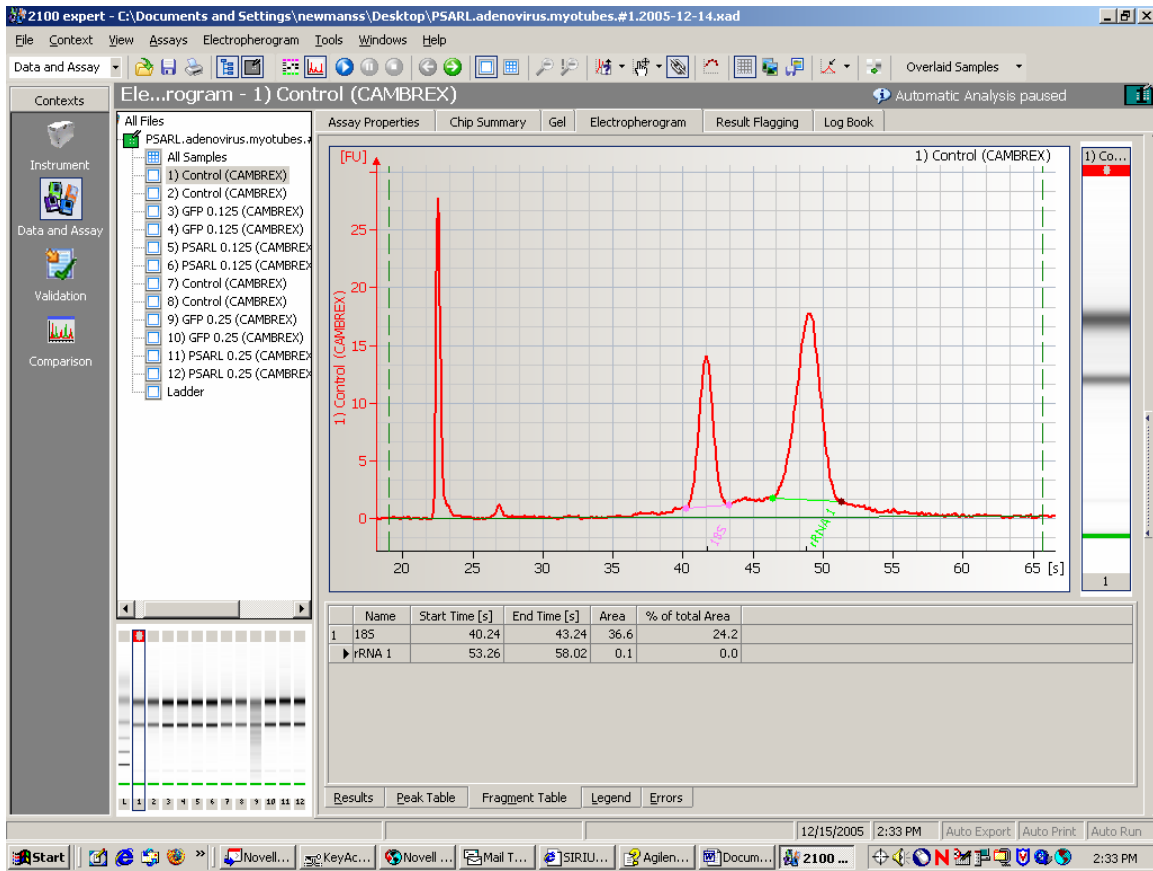
Double click on the electropherogram in question to select it.



Select the Fragment Table tab at the bottom of the screen.



Right click on the graph and select “Add Fragment” in the popup window.  
 On the menu at the top of the screen select Electropherogram>Pause Analysis.  
 A new green bar will be added to the electropherogram. Click on each end of the bar and drag the bar-ends to the correct locations at the beginning and end of the fragment.



To open the “Setpoint Explorer”, double click on the dotted line found on the bar at the right edge of your screen. In the Setpoint Explorer, select the Local tab. Select “Advanced” from the drop down menu. Scroll down until you see “:RNA Fragment”.

Click table and then click the small dotted box to the right.

The screenshot displays the 2100 expert software interface. The main window shows an electropherogram for 'Control (CAMBREX)' with a y-axis labeled 'FU' ranging from 0 to 30 and an x-axis labeled 's' ranging from 20 to 65. A prominent peak is visible at approximately 43.24 seconds. Below the graph is a table with the following data:

Name	Start Time [s]	End Time [s]	Area	% of total Area
1 18S	40.24	43.24	36.6	24.2
▶ rRNA 1	53.26	58.02	0.1	0.0

To the right of the graph is a 'Peak Table' tab, and below it are buttons for 'Results', 'Peak Table', 'Fragment Table', 'Legend', and 'Errors'. On the far right, a settings panel is open, showing various parameters for 'Filter Settings', 'Baseline correction', 'Integrator', 'RNA Fragment', and 'RNA Integrity Number'. The 'RNA Integrity Number' section includes thresholds for Pre Region, 5S Region, Fast Region, Inter Region, Precursor Region, Post Region, Baseline Anomaly, Ribosomal Ratio, and Unknown Sample Type.

A new window will open. Click on the fragment name that needs to be corrected until it is highlighted. Rename appropriately (18S or 28S). Click OK.

The screenshot shows the 2100 expert software interface. The main window displays an electropherogram for 'Control (CAMBREX)'. A 'Table' dialog box is open, showing a table with the following data:

Number	Fragment Name	Fragment start time [s]	Fragment end time [s]	Fragment peak time [s]	Frz
1	0 185	42.30	45.45	43.80	
2	1 285	48.80	53.95	-1.00	

Below the table, there are buttons for 'Delete Row' and 'Insert Row'. To the right, a 'Settings' panel is visible, containing various parameters such as 'Order', 'Correction', 'Start time [s]', 'End time [s]', 'Hold', 'Width [s]', 'Resolution [s]', 'Polynomial', 'Detection', 'Anomaly Threshold', and 'Marker Anomaly Threshold'. The 'Anomaly Threshold' is set to 0.56, and the 'Marker Anomaly Threshold' is set to 0.54.

The software interface includes a menu bar with 'File', 'Context', 'View', 'Assays', 'Electropherogram', 'Tools', 'Windows', and 'Help'. The 'Electropherogram' menu is open, and the 'analyze' option is selected. The 'Results' tab is active, showing the corrected data.

Under the menu, select Electropherogram then select analyze. Select the results tab to view the corrected data.