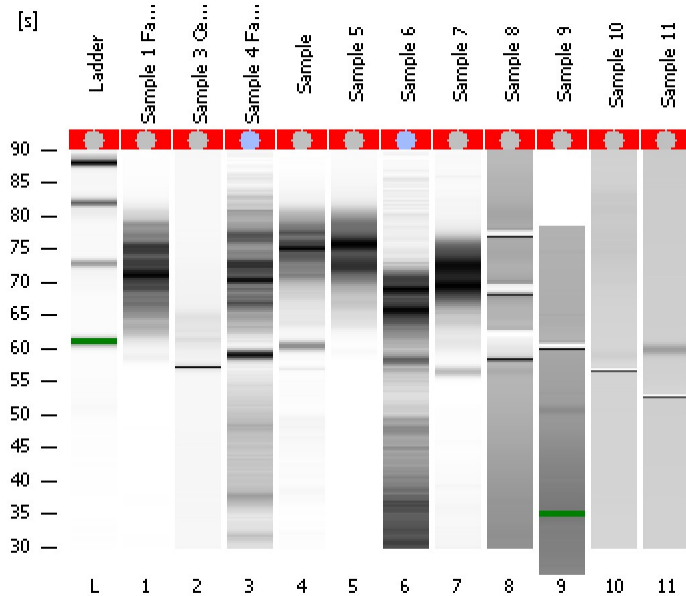


Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Small RNA Series II.xsy

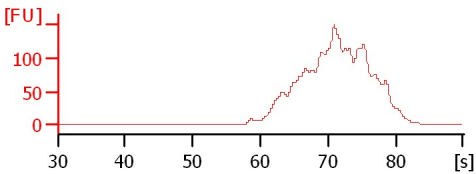
Assay Class: Small RNA  
Version: 1.2  
Assay Comments: Small RNA Analysis 6 - 150 nucleotides

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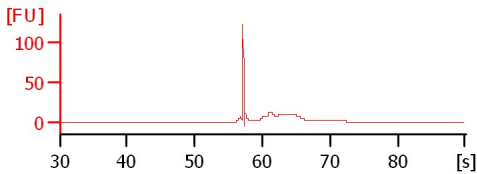
Chip Information:

Chip Lot #:  
Reagent Kit Lot #:  
Chip Comments:

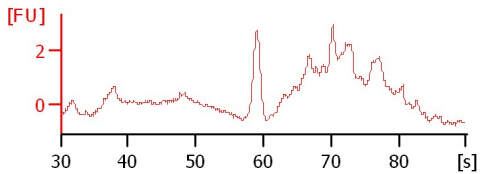
**Sample 1 Fat 1-1**  
Number of Peaks: 12



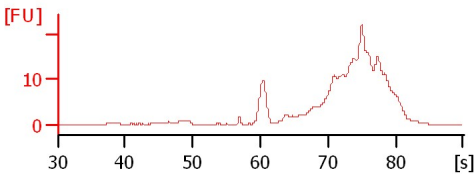
**Sample 3 Cell pellet 1-3**  
Number of Peaks: 5



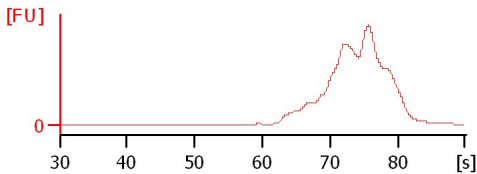
**Sample 4 Fat 2-1**  
All Other Samples



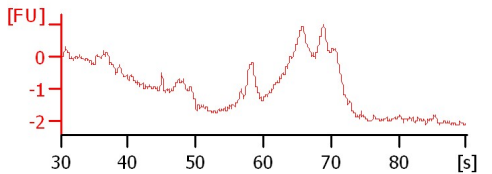
**Sample**  
Number of Peaks: 9



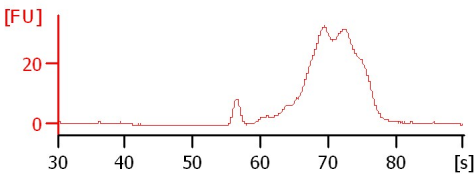
**Sample 5**  
Number of Peaks: 6



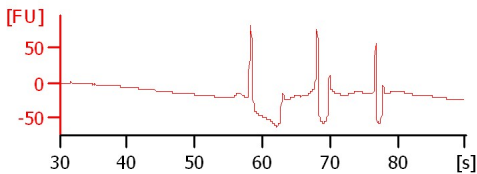
**Sample 6**  
All Other Samples



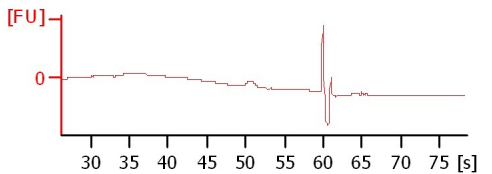
**Sample 7**  
Number of Peaks: 6



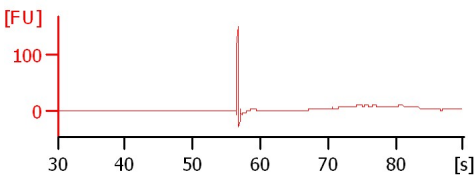
**Sample 8**  
Number of Peaks: 1



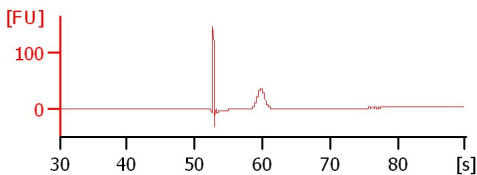
**Sample 9**  
Number of Peaks: 2



**Sample 10**  
Number of Peaks: 11



**Sample 11**  
Number of Peaks: 6



Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1 Fat 1-1		✓	Number of Peaks: 12	
Sample 3 Cell pellet 1-3		✓	Number of Peaks: 5	
Sample 4 Fat 2-1		✓	All Other Samples	
Sample		✓	Number of Peaks: 9	
Sample 5		✓	Number of Peaks: 6	
Sample 6		✓	All Other Samples	
Sample 7		✓	Number of Peaks: 6	
Sample 8		✓	Number of Peaks: 1	
Sample 9		✓	Number of Peaks: 2	
Sample 10		✓	Number of Peaks: 11	
Sample 11		✓	Number of Peaks: 6	
Ladder		✓	Number of Peaks: 3	

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electrophoresis Assay Details**

**General Analysis Settings**

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 30  
Maximum Visible Range [s] : 90  
Start Analysis Time Range [s] : 31  
End Analysis Time Range [s] : 89  
Ladder Concentration [pg/ $\mu$ l] : 2500  
Lower Marker Concentration [pg/ $\mu$ l] : 500  
Upper Marker Concentration [pg/ $\mu$ l] : 0  
Used Lower Marker for Quantitation  
Standard Curve Fit is Logarithmic  
Show Data Aligned to Lower Marker

**Integrator Settings**

Integration Start Time [s] : 30  
Integration End Time [s] : 89  
Slope Threshold : 0.6  
Height Threshold [FU] : 3  
Area Threshold : 0.2  
Width Threshold [s] : 0.5  
Baseline Plateau [s] : 60

**Filter Settings**

Filter Width [s] : 0.5  
Polynomial Order : 4

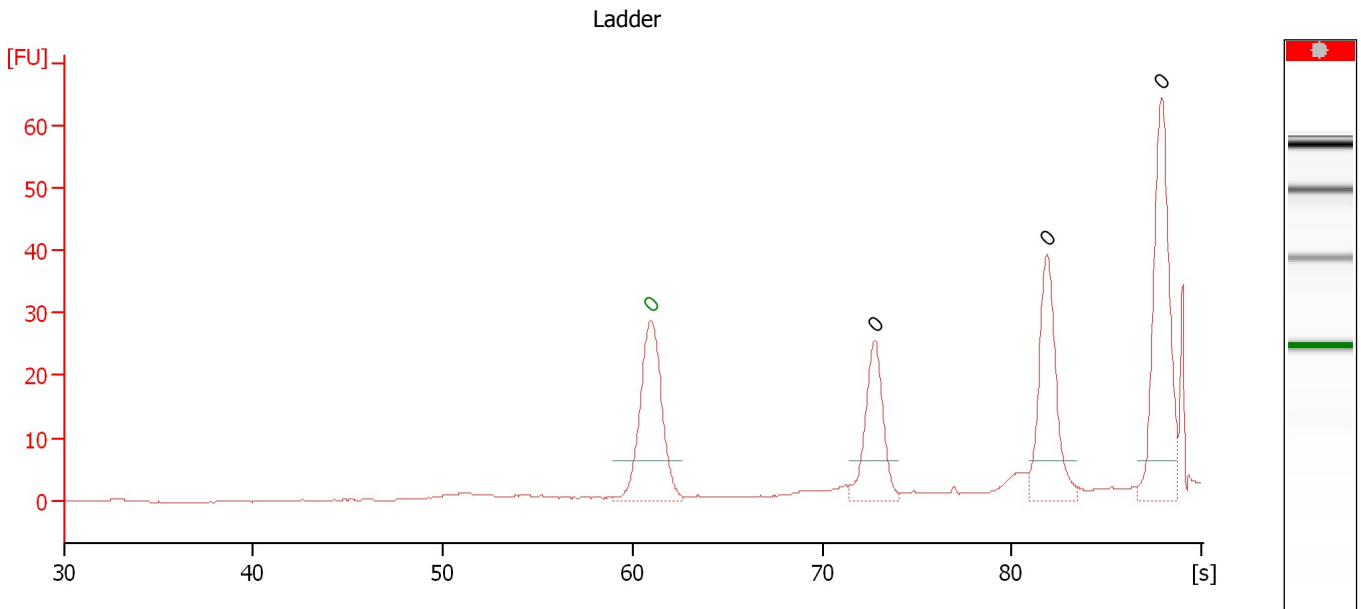
**Ladder**

Ladder Peak	Size
1	4
2	20
3	40
4	60
5	80
6	100
7	150

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary**



**Overall Results for Ladder**

Result Flagging Color:

Result Flagging Label:

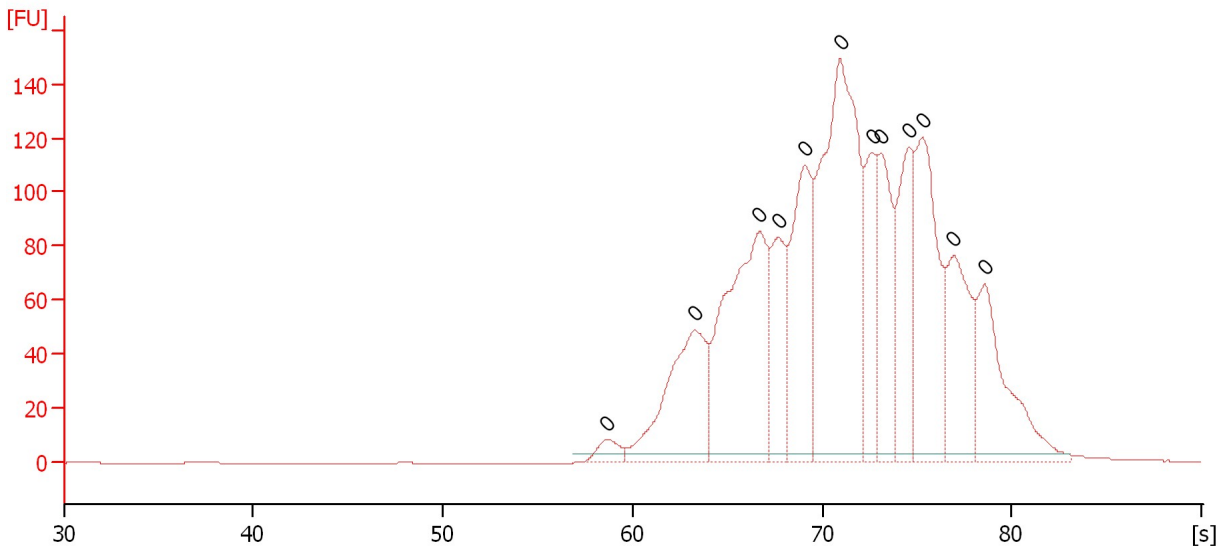
Number of Peaks: 3

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**

Sample 1 Fat 1-1



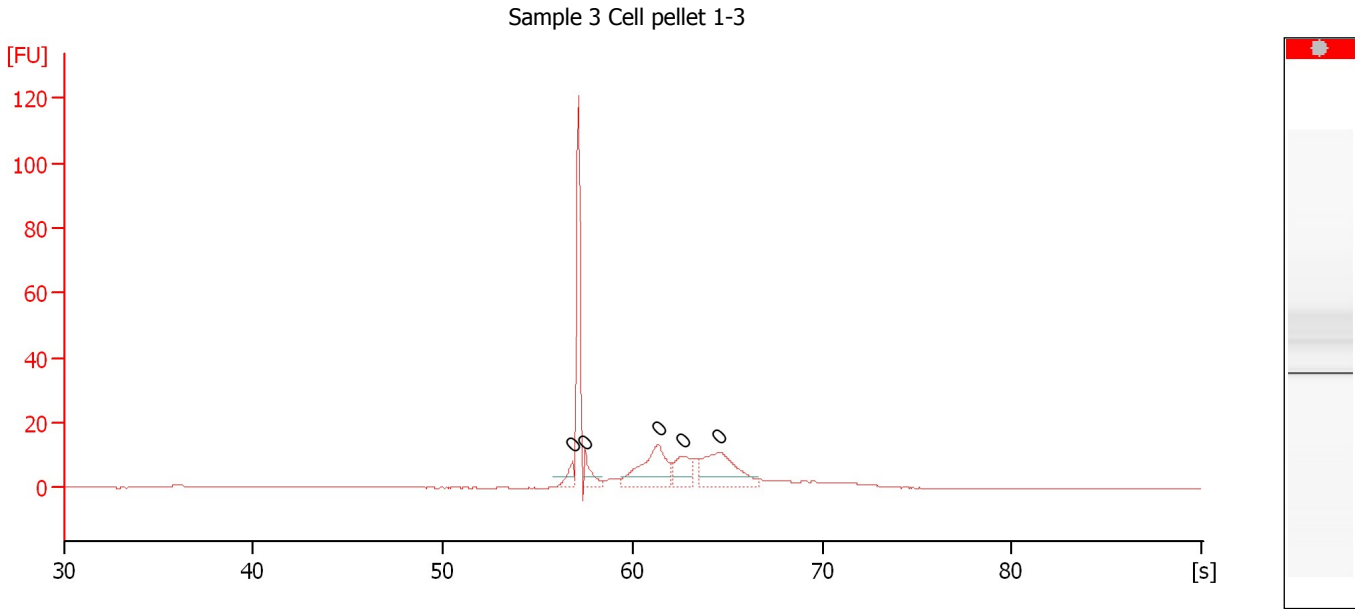
**Overall Results for sample 1 : Sample 1 Fat 1-1**

Result Flagging Color:  Result Flagging Label: Number of Peaks: 12

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**



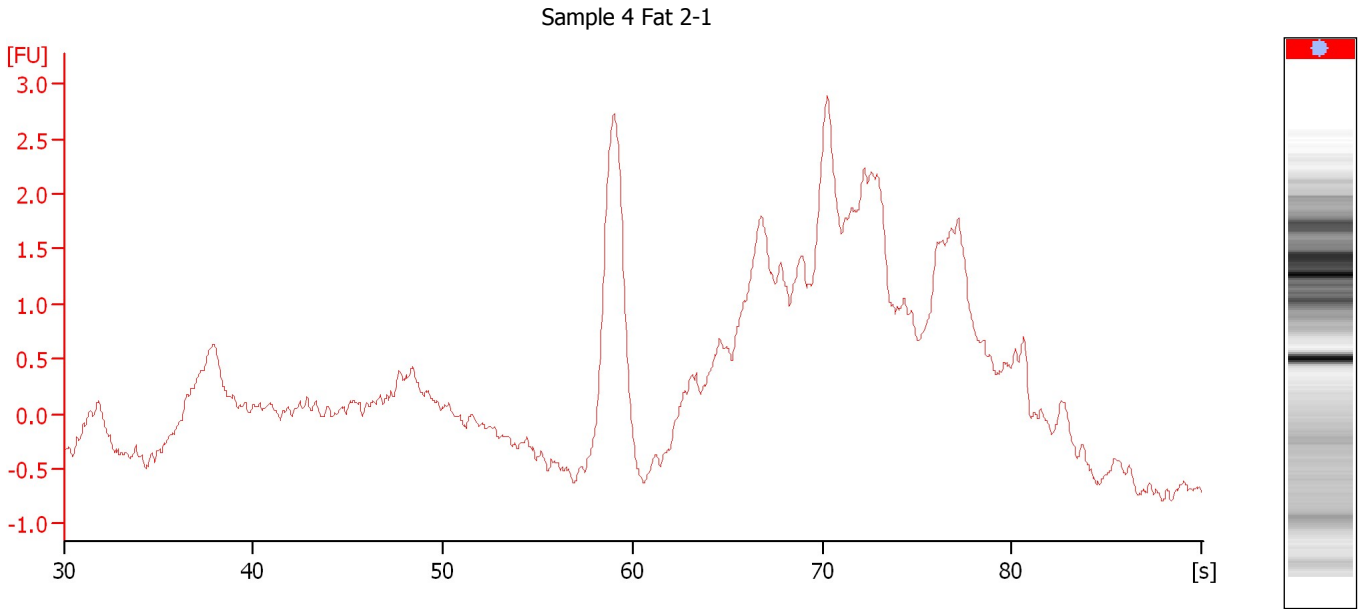
**Overall Results for sample 2 : Sample 3 Cell pellet 1-3**

Result Flagging Color:  Result Flagging Label: Number of Peaks: 5

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**



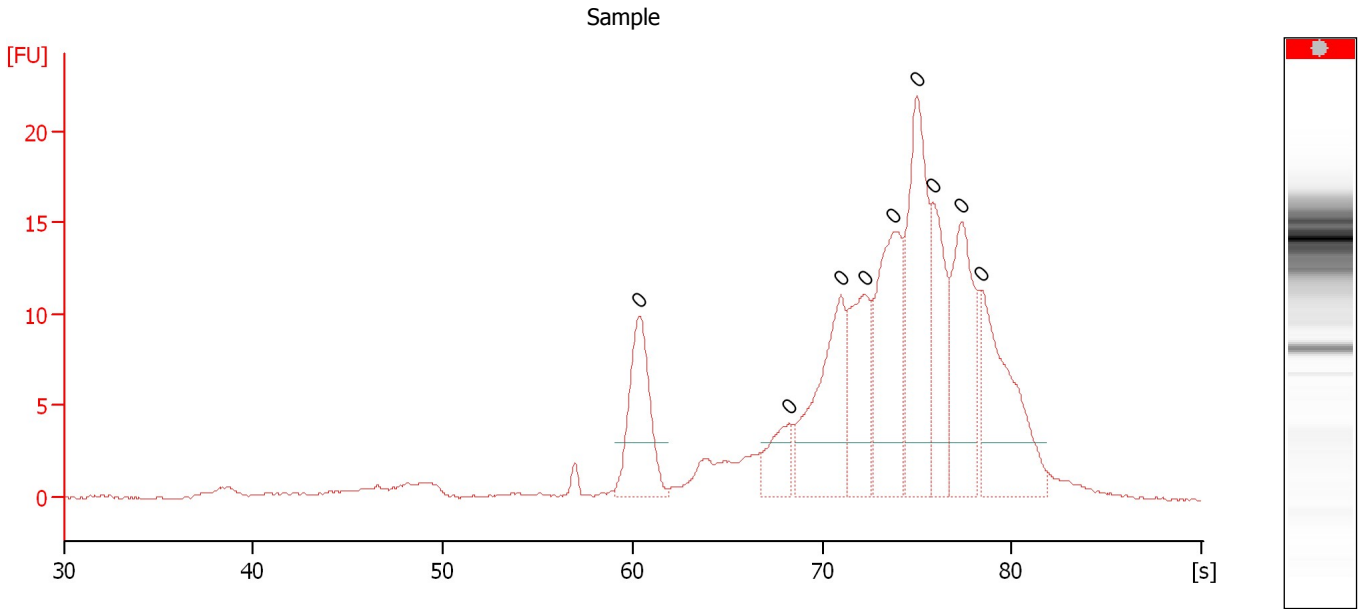
**Overall Results for sample 3 : Sample 4 Fat 2-1**

Result Flagging Color:  Result Flagging Label: All Other Samples

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : Sample**

Result Flagging Color:

Result Flagging Label:

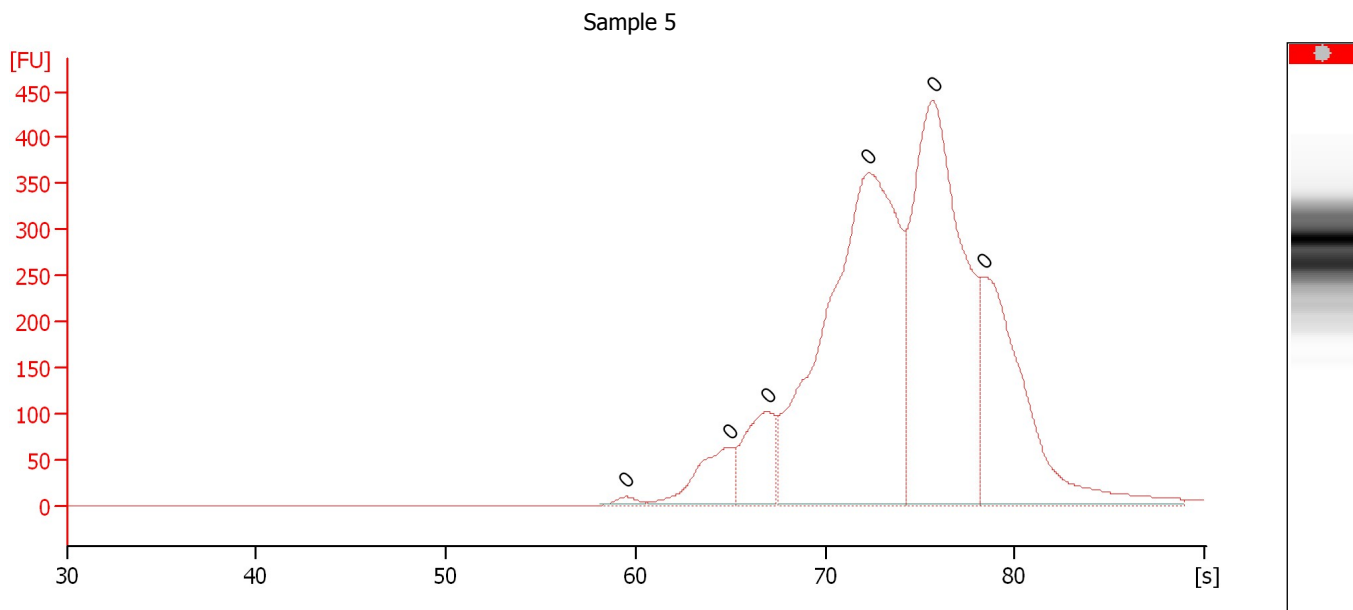
Number of Peaks: 9



Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : Sample 5**

Result Flagging Color:



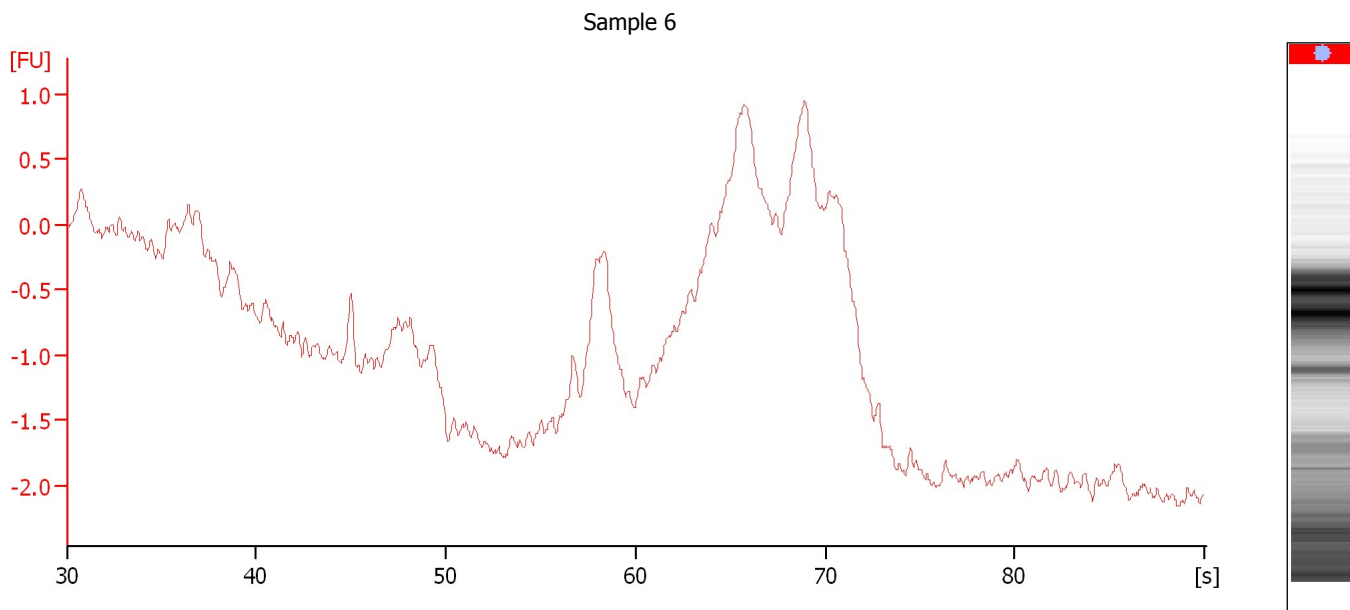
Result Flagging Label:

Number of Peaks: 6

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : Sample 6**

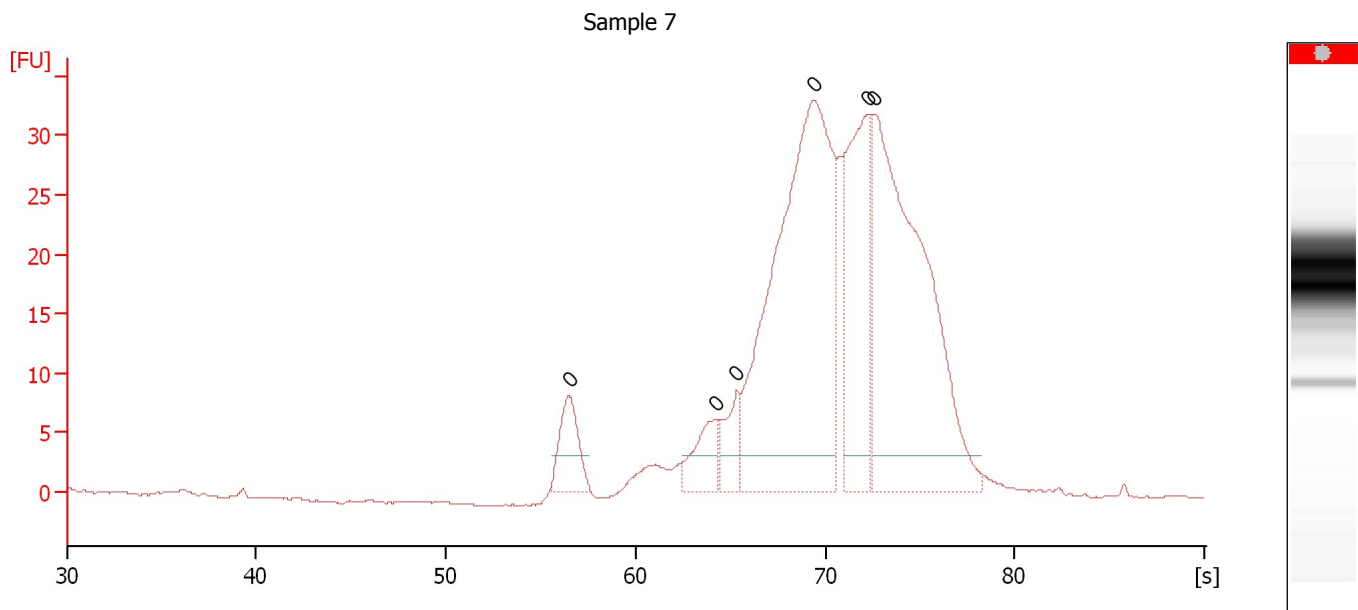
Result Flagging Color:

Result Flagging Label: All Other Samples

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : Sample 7**

Result Flagging Color:

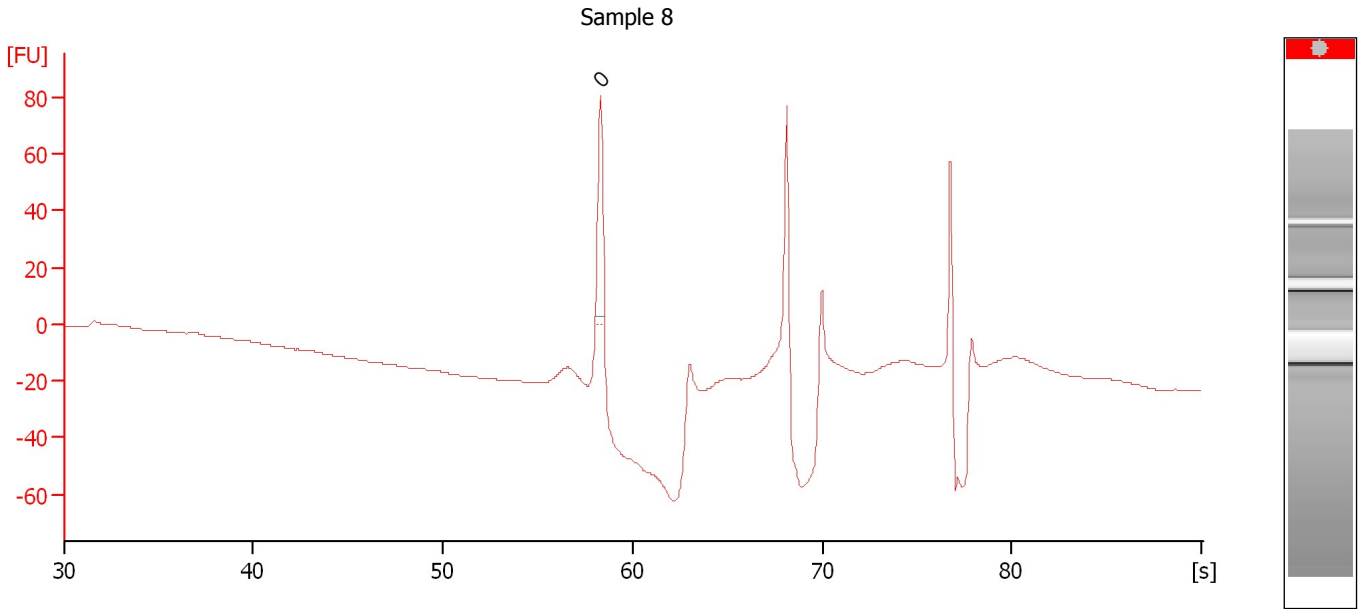
Result Flagging Label:

Number of Peaks: 6

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : Sample 8**

Result Flagging Color:

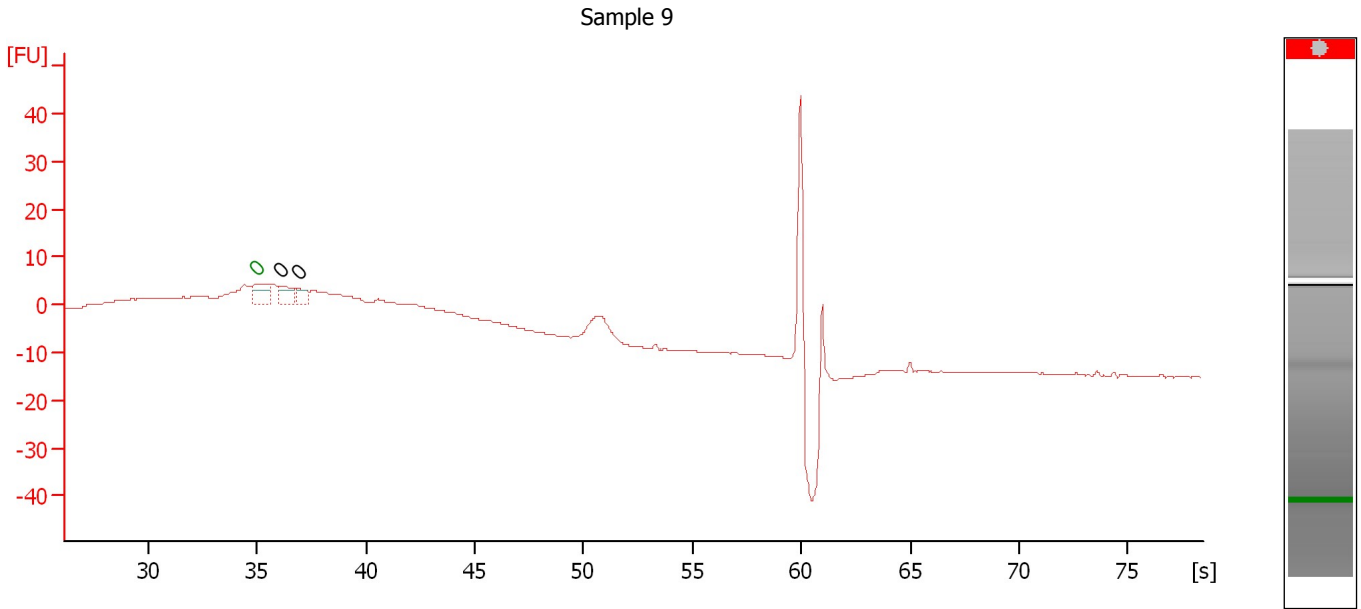
Result Flagging Label:

Number of Peaks: 1

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : Sample 9**

Result Flagging Color:

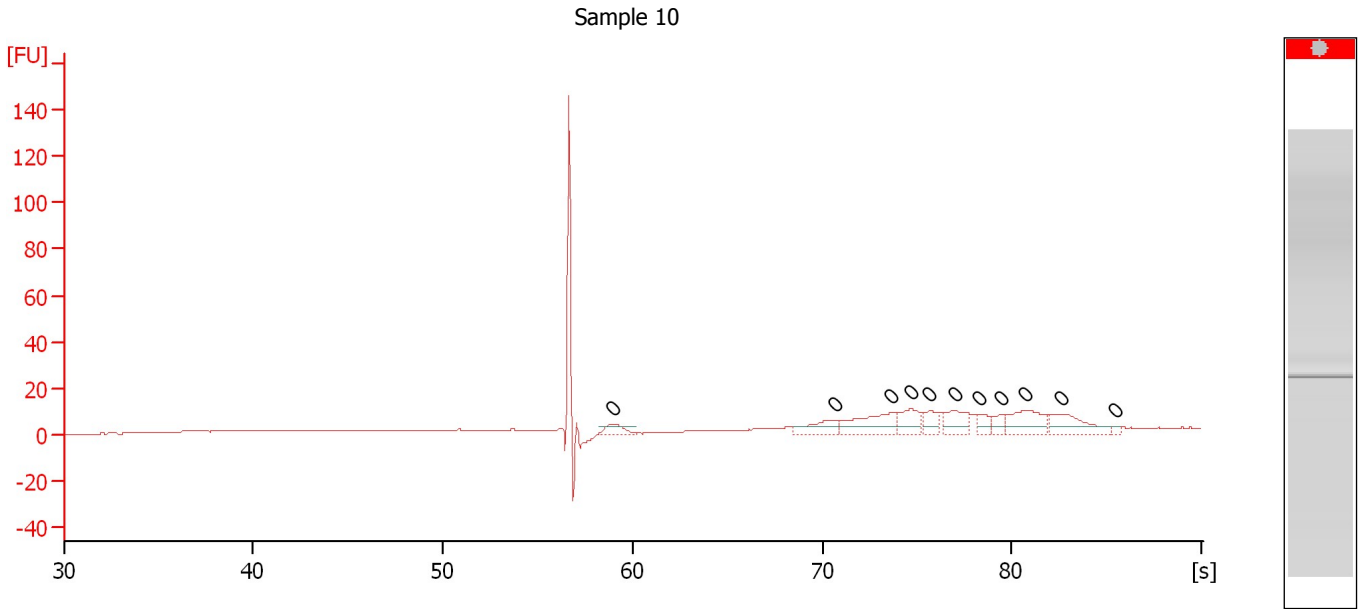
Result Flagging Label:

Number of Peaks: 2

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**



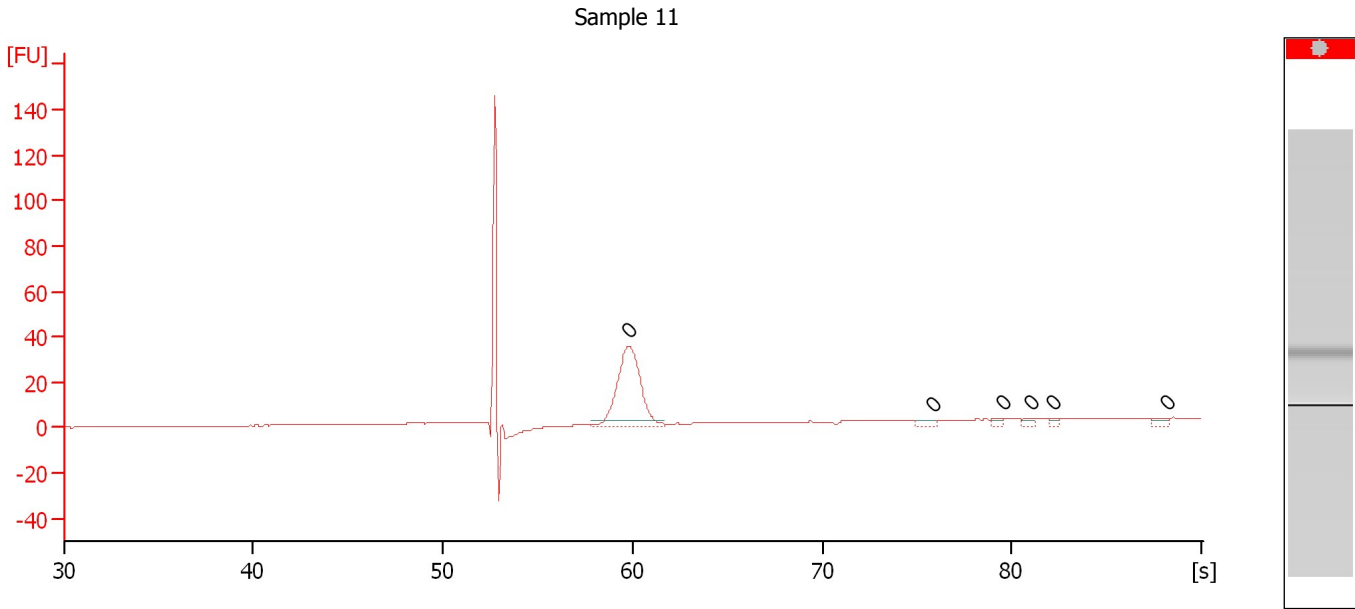
**Overall Results for sample 10 : Sample 10**

Result Flagging Color:  Result Flagging Label: Number of Peaks: 11

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : Sample 11**

Result Flagging Color:

Result Flagging Label:

Number of Peaks: 6

Assay Class: Small RNA  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-05-08\2015-05-08\_001.xad

Created: 5/8/2015 10:16:44 AM  
Modified: 5/8/2015 10:54:22 AM

**Gel Image**

