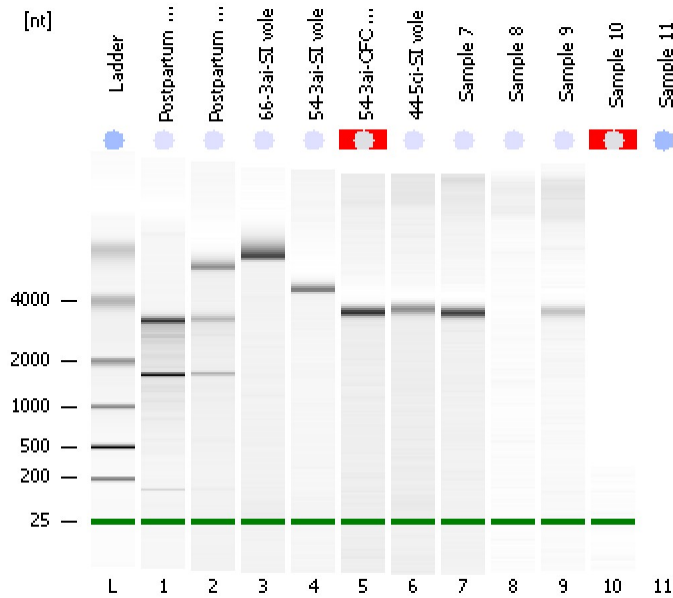


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

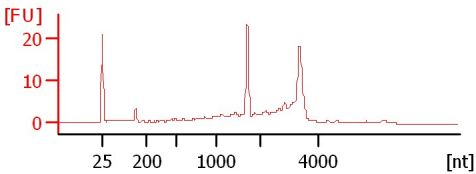
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
© Copyright 2003 - 2009 Agilent Technologies, Inc.

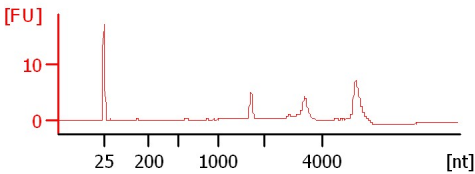
Chip Information:

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

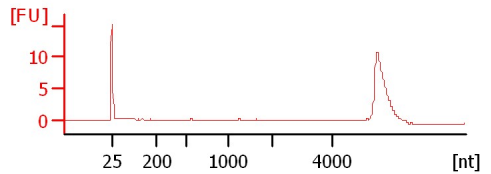
Postpartum IP 2.20.19
RIN: 7.90



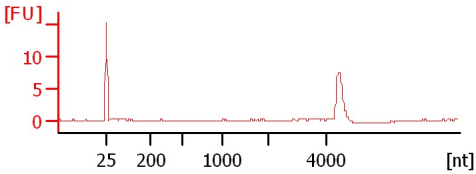
Postpartum Input 2.20.19
RIN: 7.30



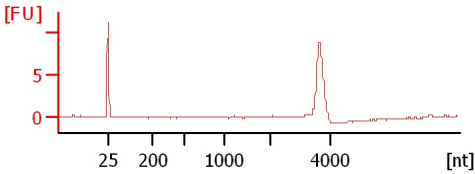
66-3ai-SI vole
RIN:1



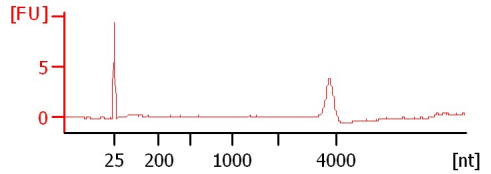
54-3ai-SI vole
RIN:1



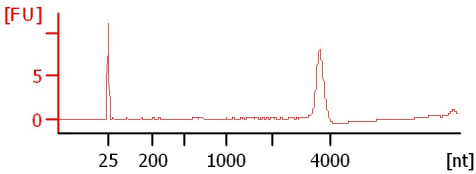
54-3ai-OFC vole
RIN N/A



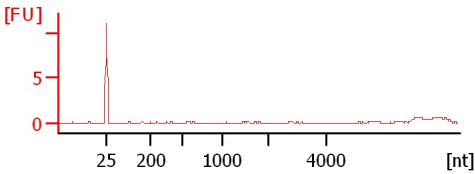
44-5ci-SI vole
RIN:1



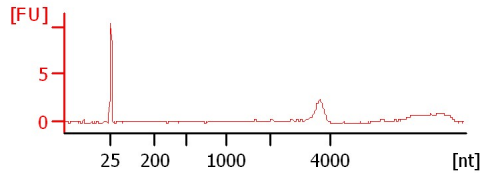
Sample 7
RIN:1



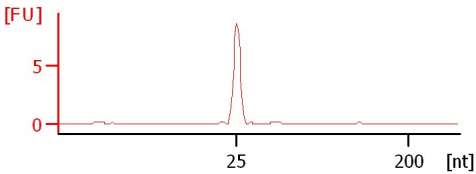
Sample 8
RIN:1



Sample 9
RIN:1



Sample 10
RIN N/A



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Postpartum IP 2.20.19		✓	RIN: 7.90	
Postpartum Input 2.20.19		✓	RIN: 7.30	
66-3ai-SI vole		✓	RIN:1	
54-3ai-SI vole		✓	RIN:1	
54-3ai-OFC vole		✓	RIN N/A	
44-5ci-SI vole		✓	RIN:1	
Sample 7		✓	RIN:1	
Sample 8		✓	RIN:1	
Sample 9		✓	RIN:1	
Sample 10		✗	RIN N/A	
Sample 11		✗		
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 18
End Analysis Time Range [s] : 69
Ladder Concentration [pg/ μ l] : 1000
Lower Marker Concentration [pg/ μ l] : 0
Upper Marker Concentration [pg/ μ l] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.3
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

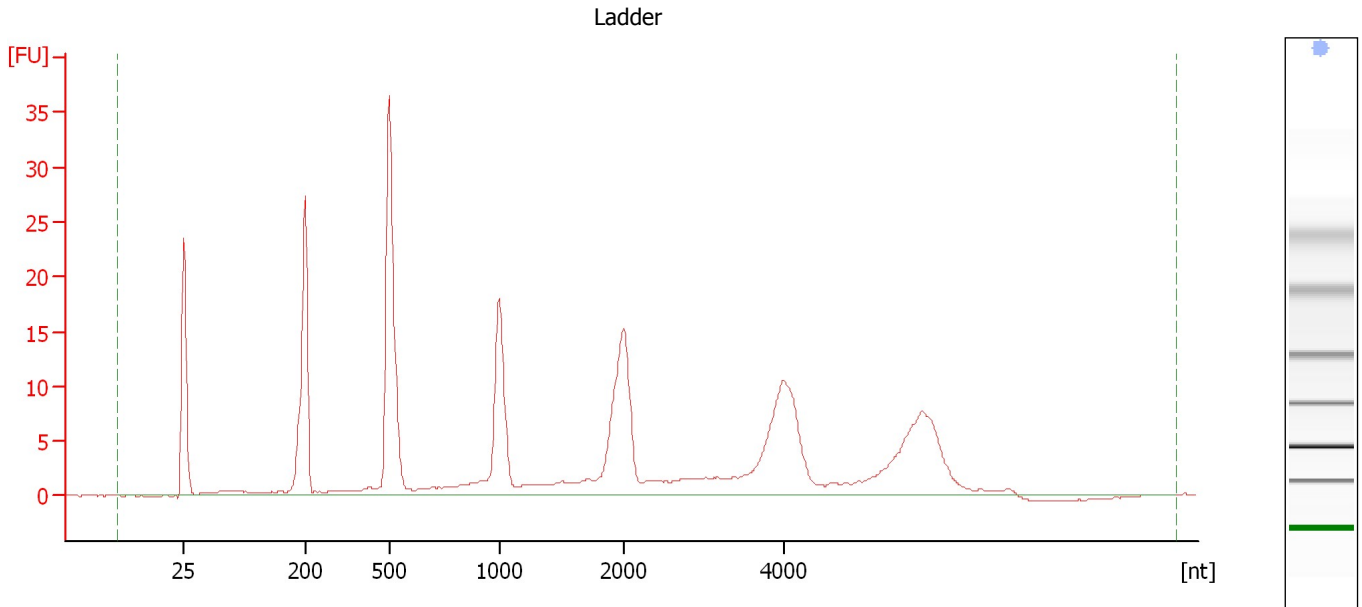
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary



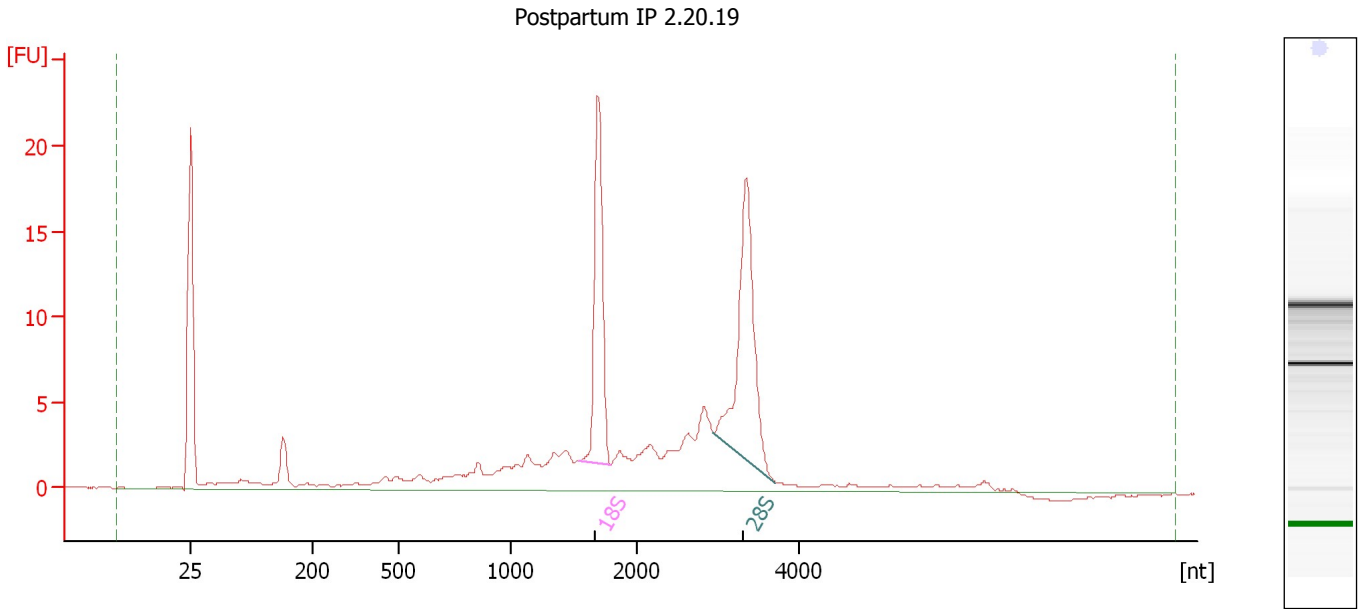
Overall Results for Ladder

RNA Area:	258.0	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
 Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Postpartum IP 2.20.19

RNA Area:	143.4	RNA Integrity Number (RIN):	7.9 (B.02.08)
RNA Concentration:	556 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 7.90

Fragment table for sample 1 : Postpartum IP 2.20.19

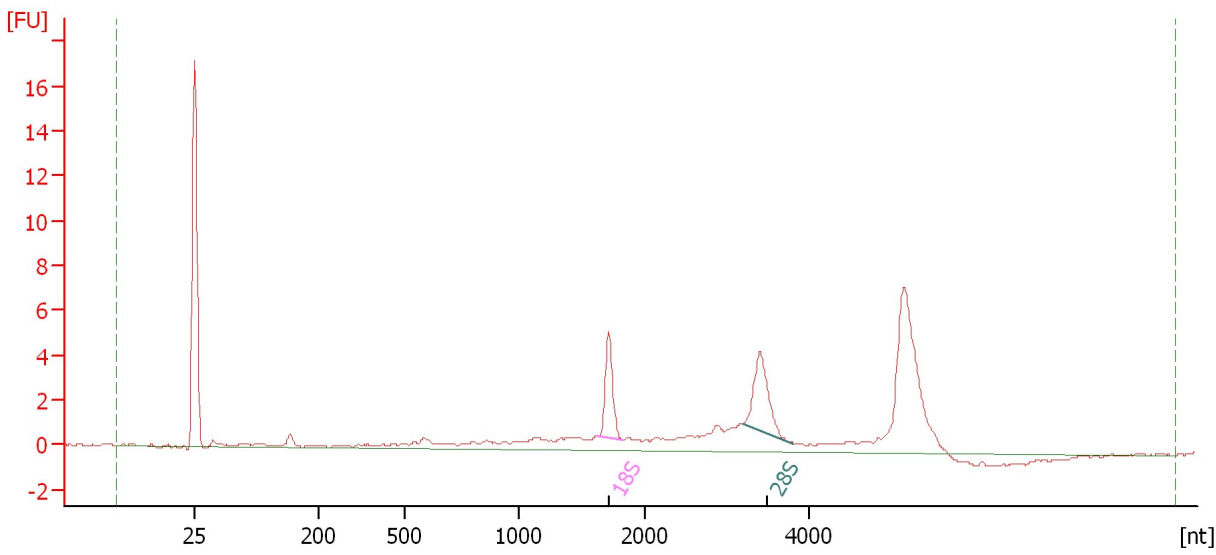
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,546	1,793	21.3	14.9
28S	2,940	3,702	27.7	19.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary Continued ...

Postpartum Input 2.20.19



Overall Results for sample 2 : Postpartum Input 2.20.19

RNA Area: 54.0 RNA Integrity Number (RIN): 7.3 (B.02.08)
RNA Concentration: 209 µg/µl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN: 7.30

Fragment table for sample 2 : Postpartum Input 2.20.19

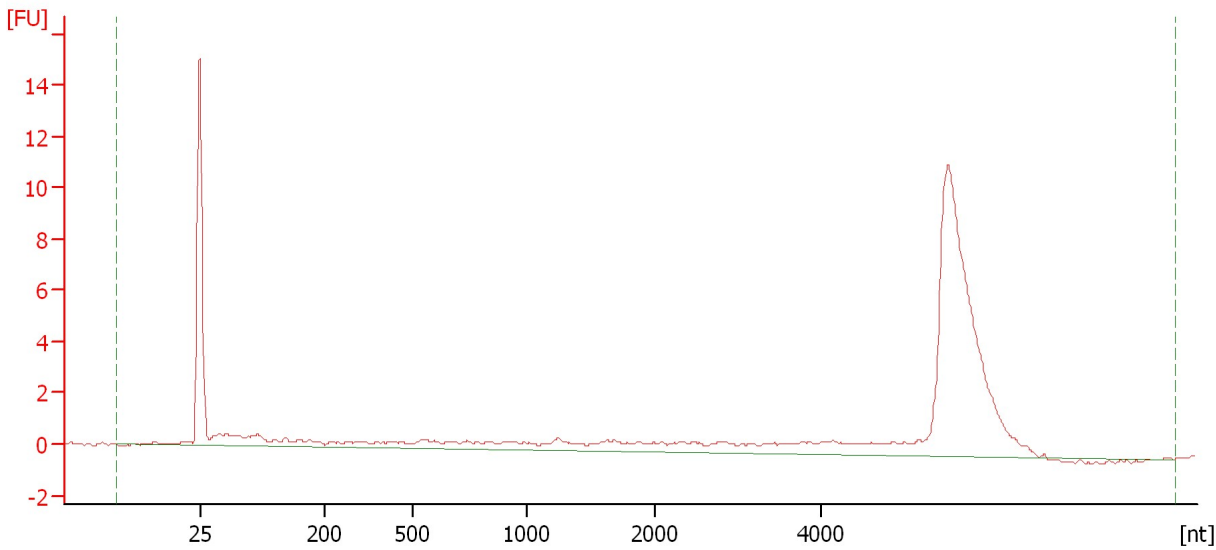
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,629	1,823	4.4	8.2
28S	3,197	3,809	5.5	10.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary Continued ...

66-3ai-SI vole



Overall Results for sample 3 : 66-3ai-SI vole

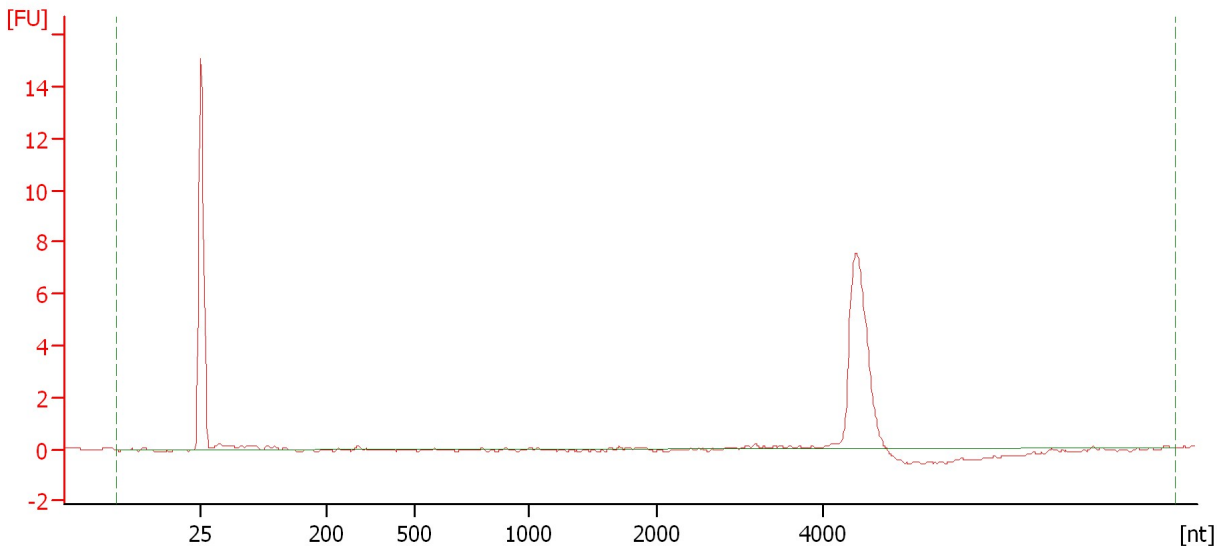
RNA Area:	63.2	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	245 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary Continued ...

54-3ai-SI vole



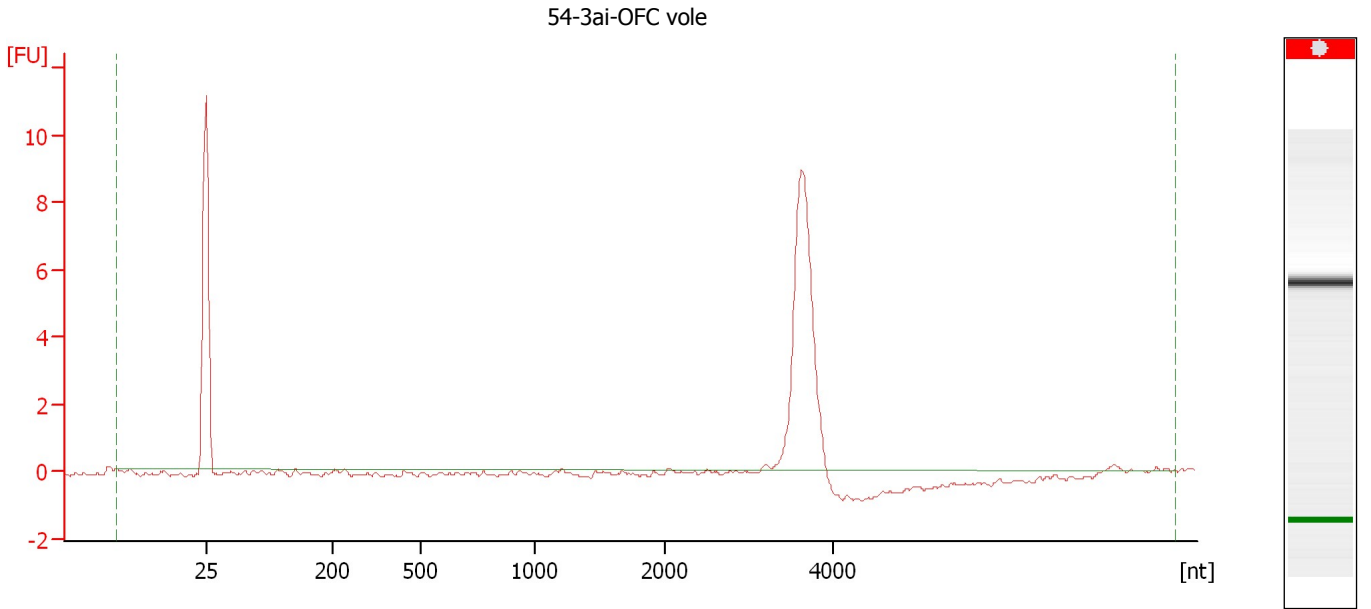
Overall Results for sample 4 : 54-3ai-SI vole

RNA Area:	16.6	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	65 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 54-3ai-OFC vole

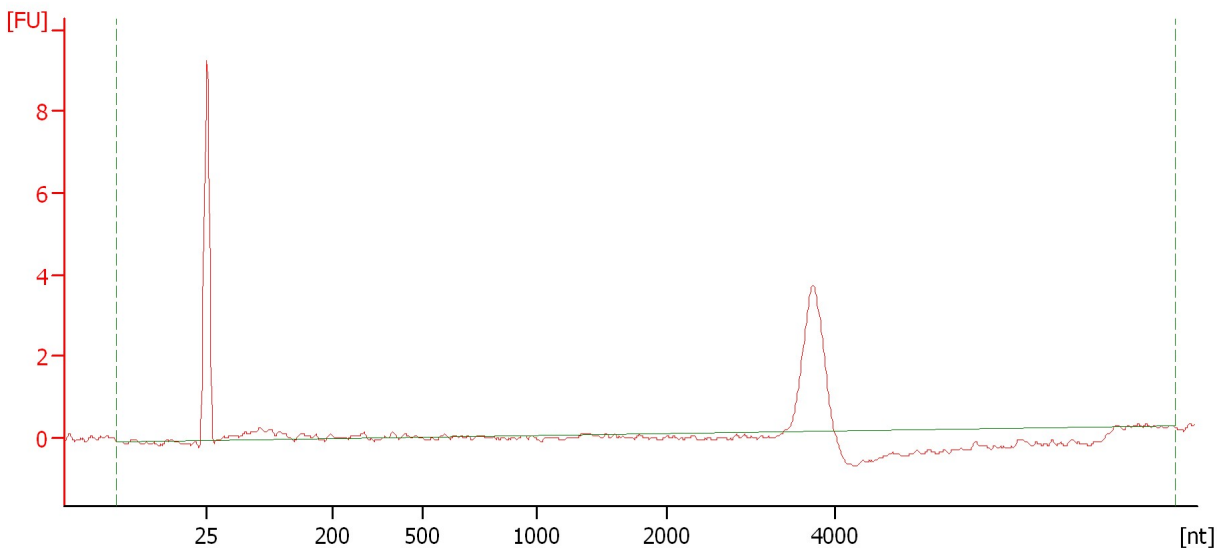
RNA Area:	17.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	68 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary Continued ...

44-5ci-SI vole



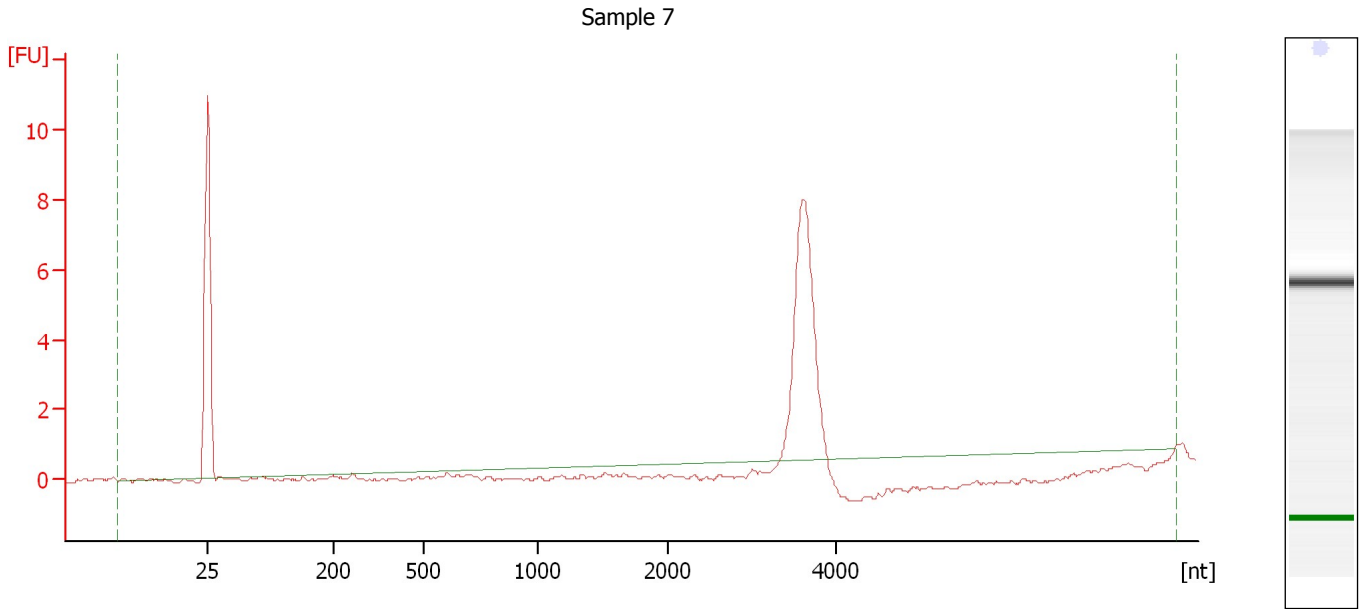
Overall Results for sample 6 : 44-5ci-SI vole

RNA Area:	9.7	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	38 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Sample 7

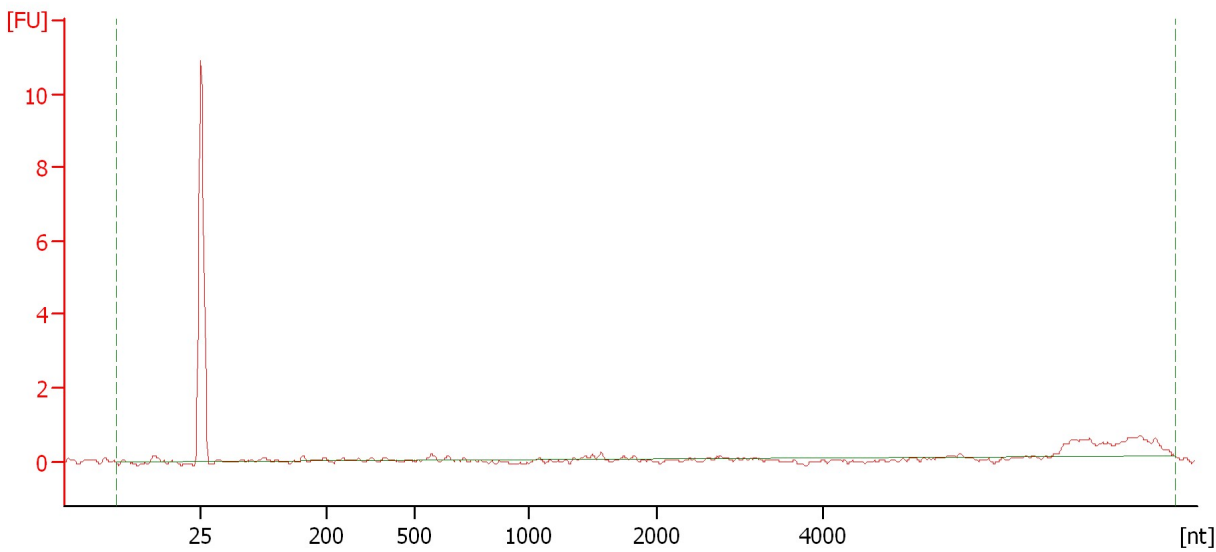
RNA Area:	15.0	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	58 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary Continued ...

Sample 8



Overall Results for sample 8 : Sample 8

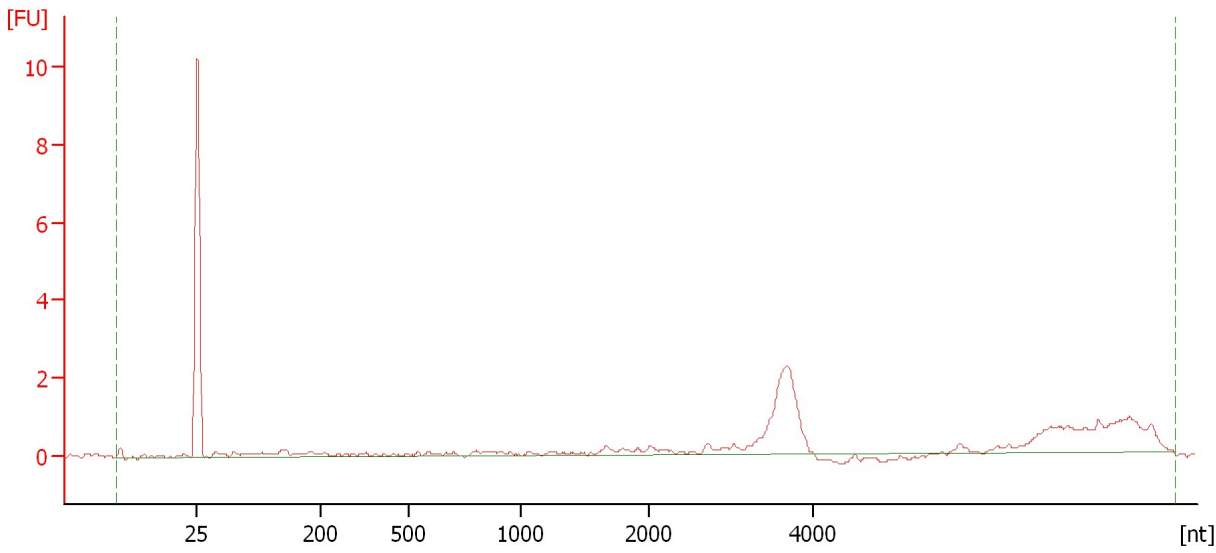
RNA Area:	5.0	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	19 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary Continued ...

Sample 9



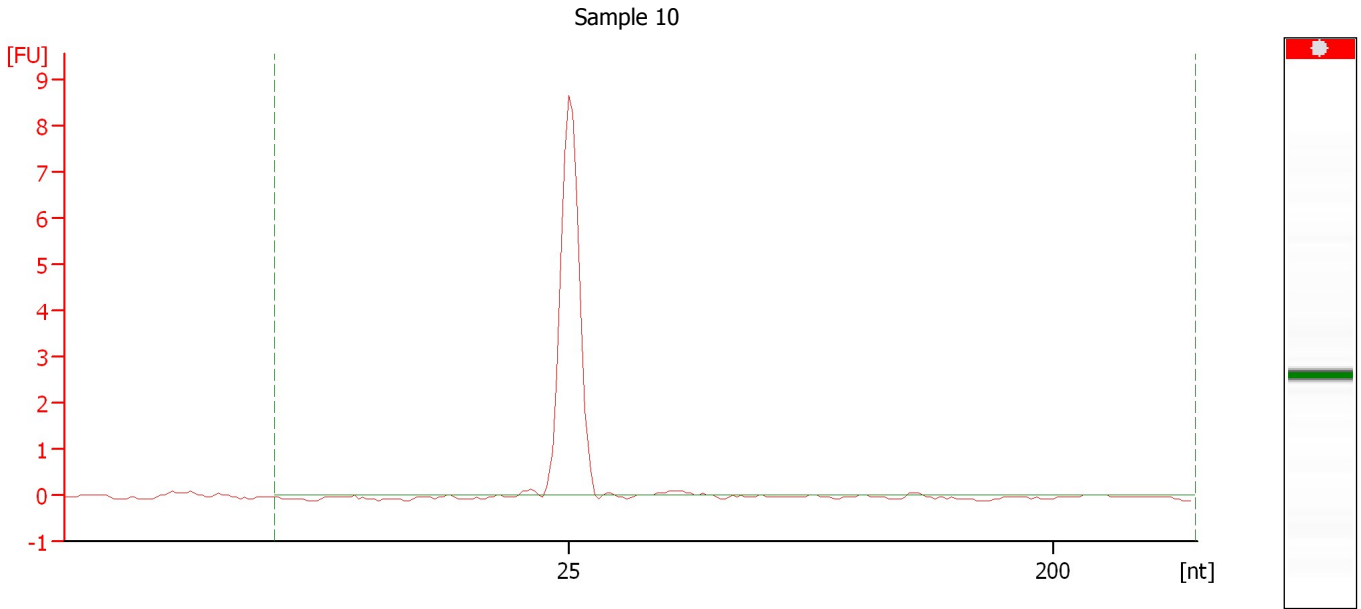
Overall Results for sample 9 : Sample 9

RNA Area:	17.9	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	69 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 10 : Sample 10

End Analysis Time Range [s] : 30.45

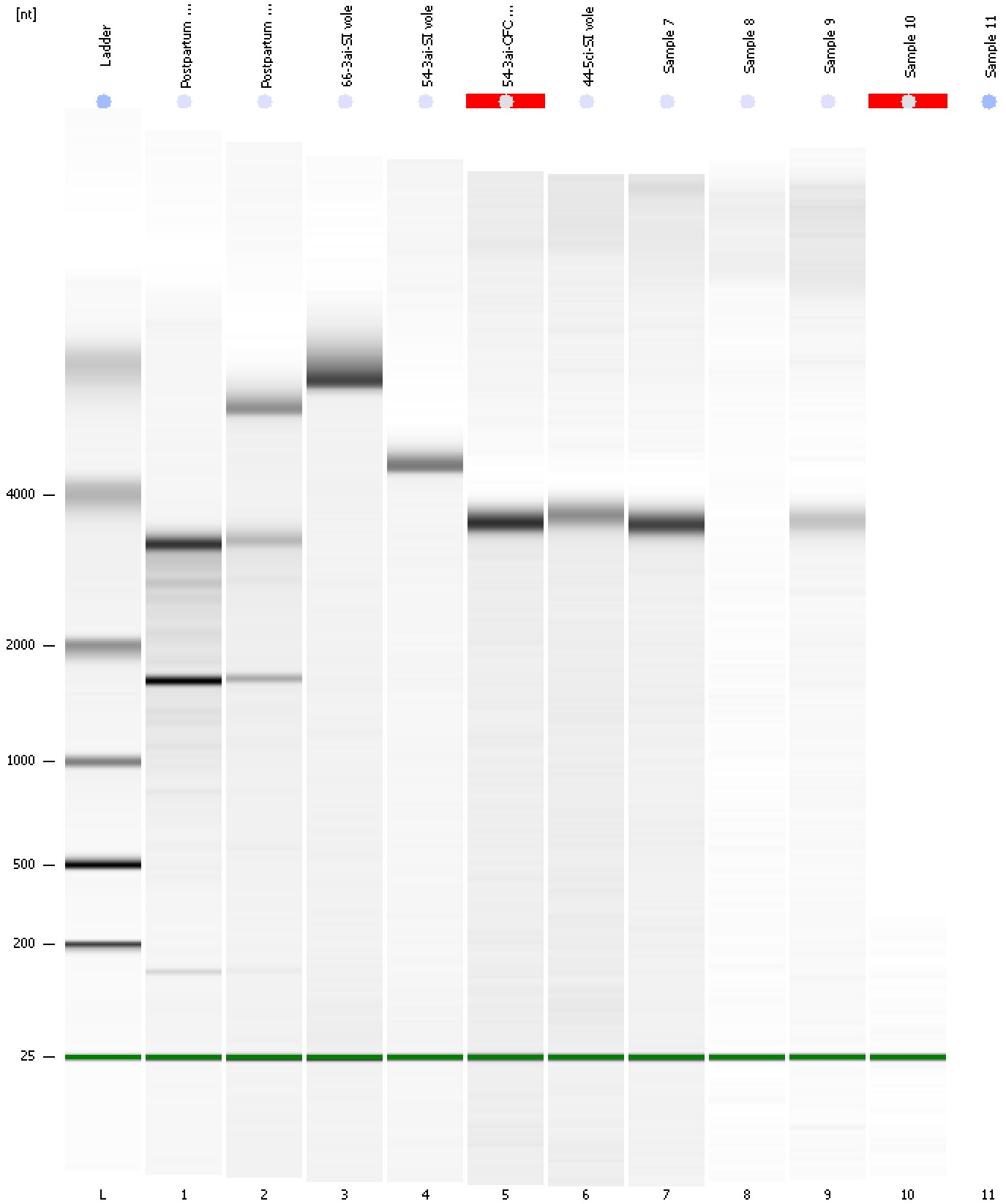
Overall Results for sample 10 : Sample 10

RNA Area:	0.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2 pg/μl	Result Flagging Color:	<input type="checkbox"/>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-28\2019-02-28_002.xad

Created: 2/28/2019 4:36:49 PM
Modified: 2/28/2019 4:56:43 PM

Invalid Samples

Sample 11 has not been run, no results available.