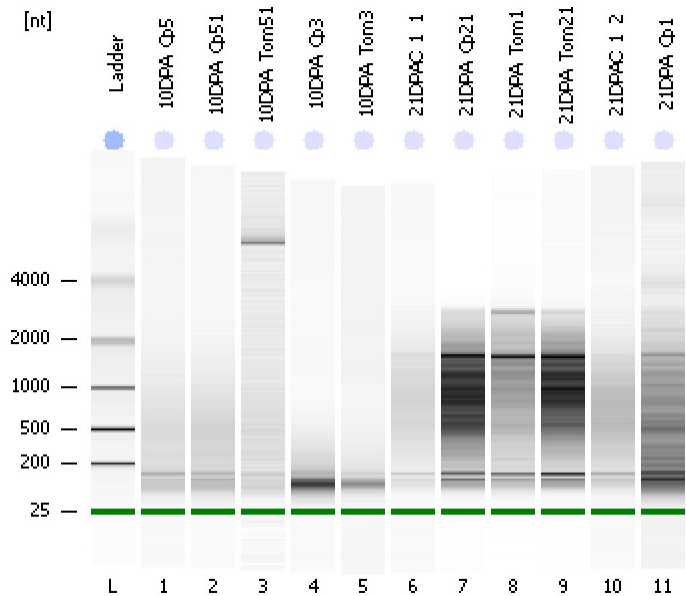


Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
 Modified: 12/10/2013 3:30:01 PM

Electrophoresis File Run Summary



Instrument Information:

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

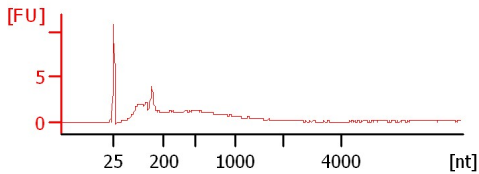
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
 Assay Class: Eukaryote Total RNA Pico
 Version: 2.6
 Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
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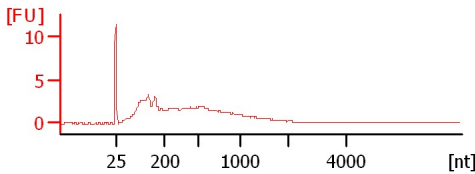
Chip Information:

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

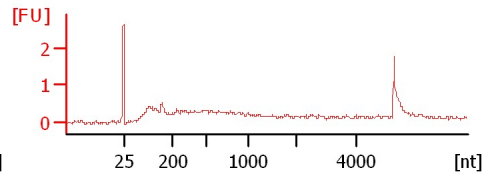
10DPA_Cp5
RIN: 2.30



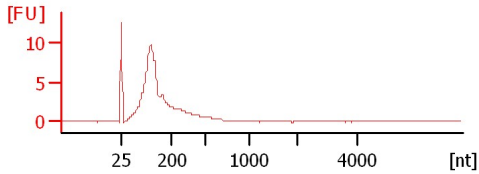
10DPA_Cp51
RIN: 2.20



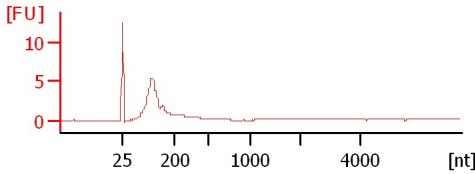
10DPA_Tom51
RIN: 1.90



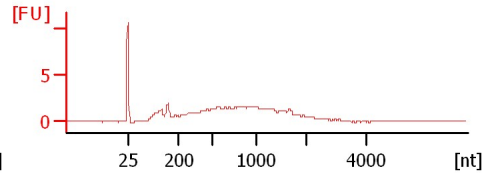
10DPA_Cp3
RIN: 2.60



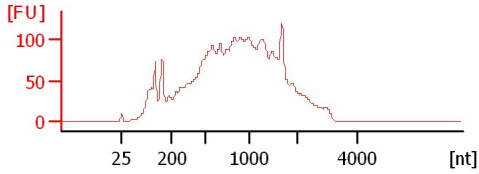
10DPA_Tom3
RIN: 2.50



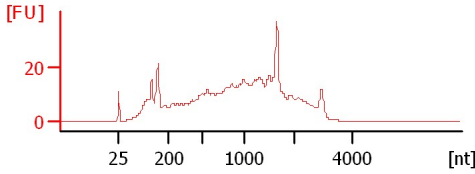
21DPAC_1_1
RIN: 1.80



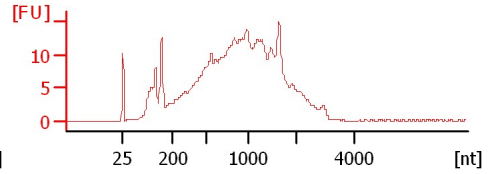
21DPA_Cp21
RIN: 2.60



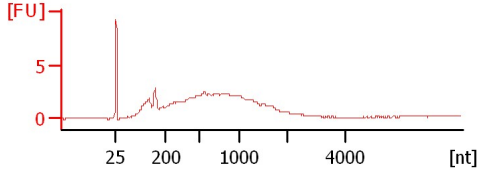
21DPA_Tom1
RIN: 3.80



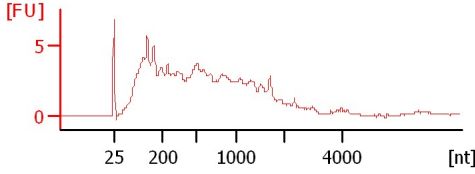
21DPA_Tom21
RIN: 3



21DPAC_1_2
RIN: 2.30



21DPA_Cp1
RIN: 2.70



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
10DPA_Cp5		✓	RIN: 2.30	
10DPA_Cp51		✓	RIN: 2.20	
10DPA_Tom51		✓	RIN: 1.90	
10DPA_Cp3		✓	RIN: 2.60	
10DPA_Tom3		✓	RIN: 2.50	
21DPAC_1_1		✓	RIN: 1.80	
21DPA_Cp21		✓	RIN: 2.60	
21DPA_Tom1		✓	RIN: 3.80	
21DPA_Tom21		✓	RIN:3	
21DPAC_1_2		✓	RIN: 2.30	
21DPA_Cp1		✓	RIN: 2.70	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 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

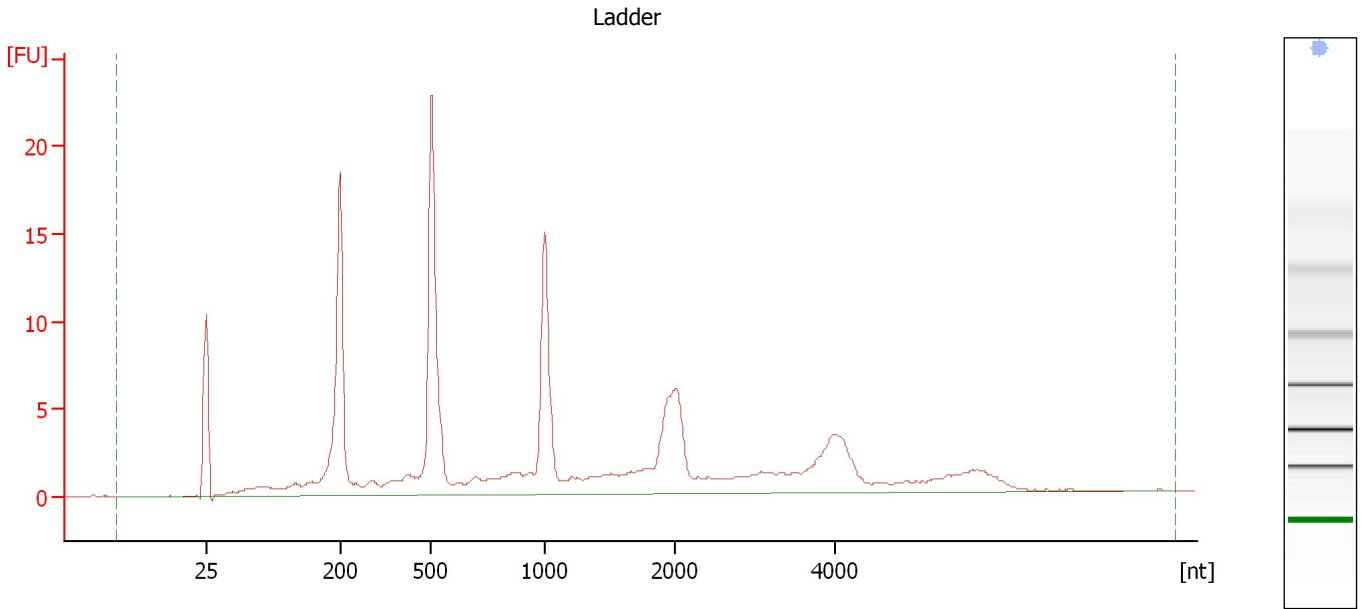
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary



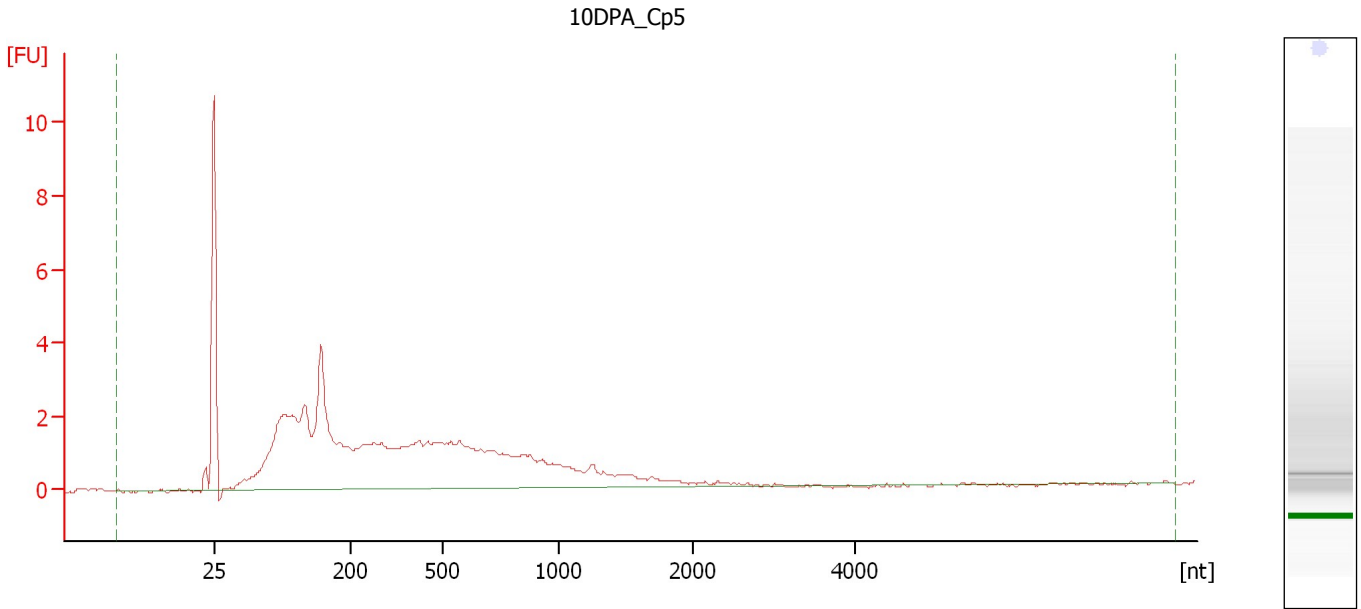
Overall Results for Ladder

RNA Area:	155.3	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



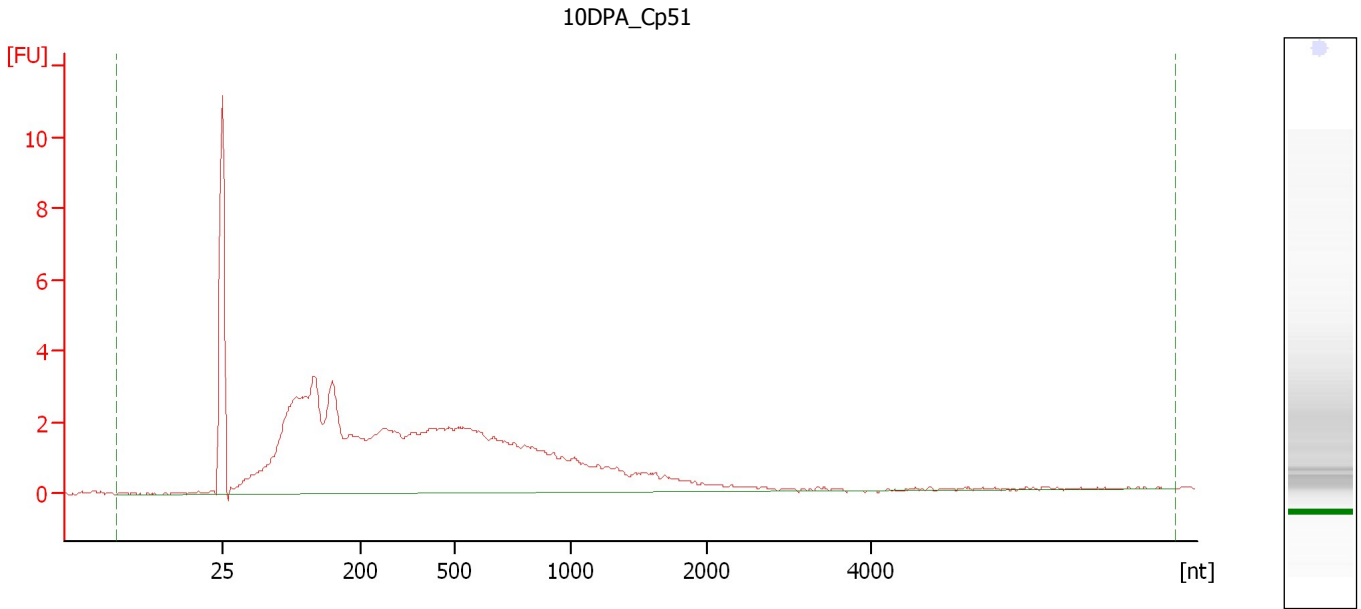
Overall Results for sample 1 : 10DPA Cp5

RNA Area:	62.4	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	402 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



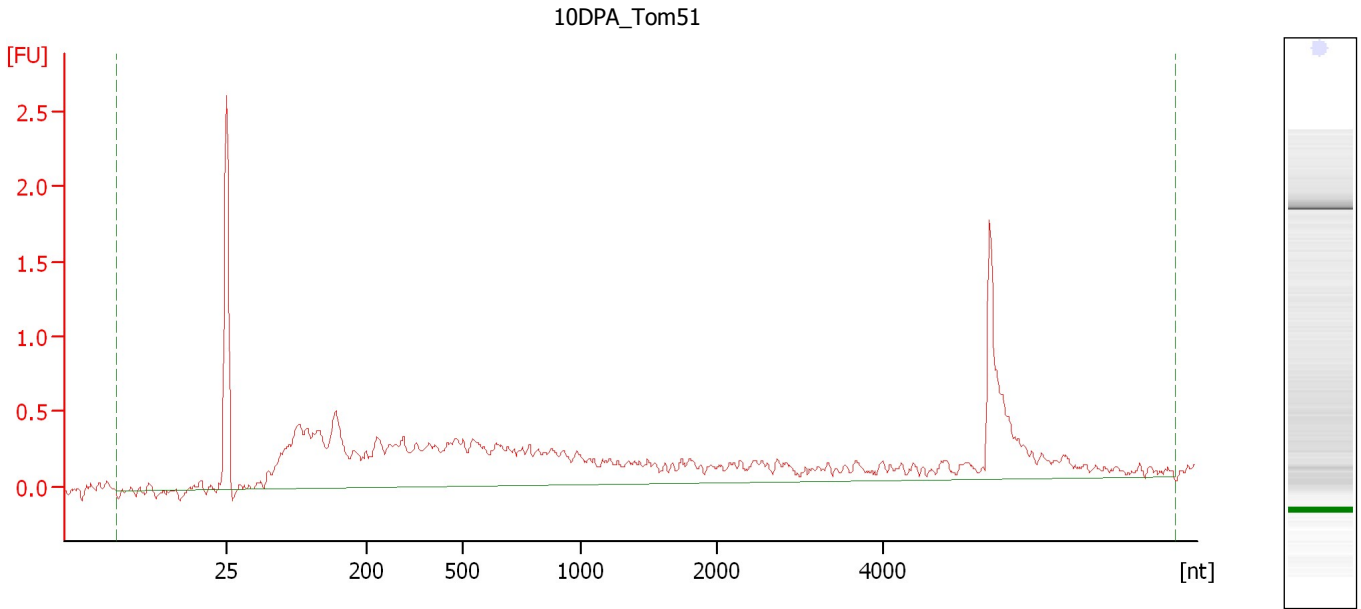
Overall Results for sample 2 : 10DPA Cp51

RNA Area:	87.0	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	560 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



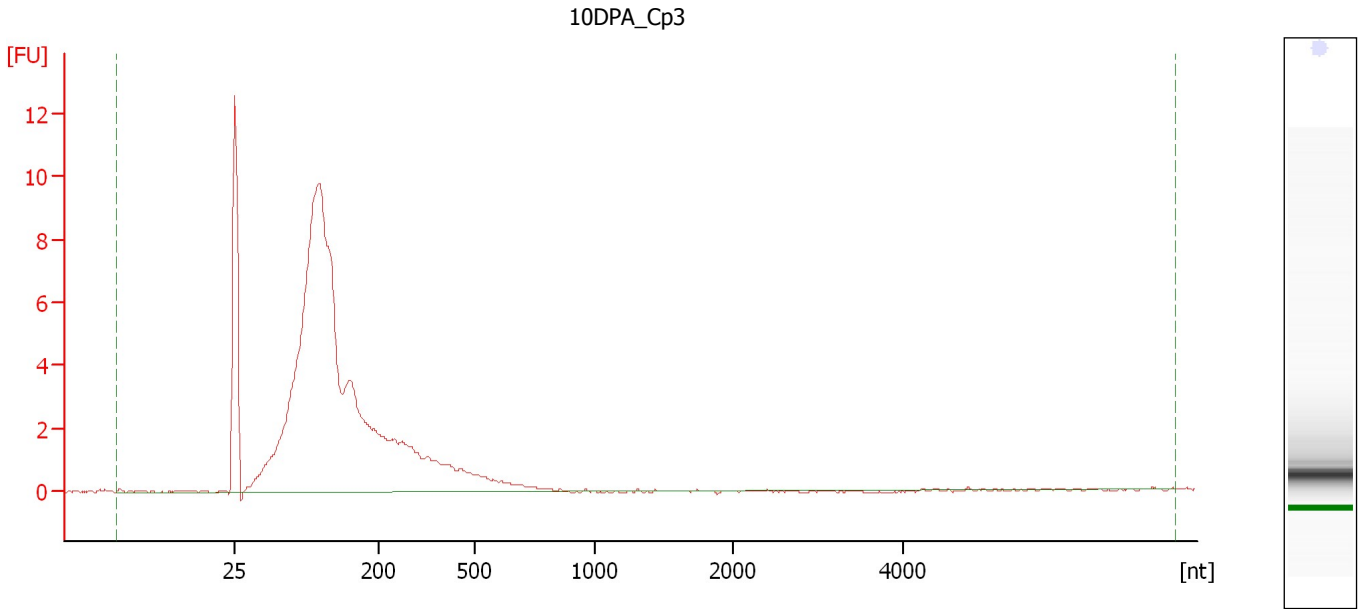
Overall Results for sample 3 : 10DPA Tom51

RNA Area:	18.3	RNA Integrity Number (RIN):	1.9 (B.02.08)
RNA Concentration:	118 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.90

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



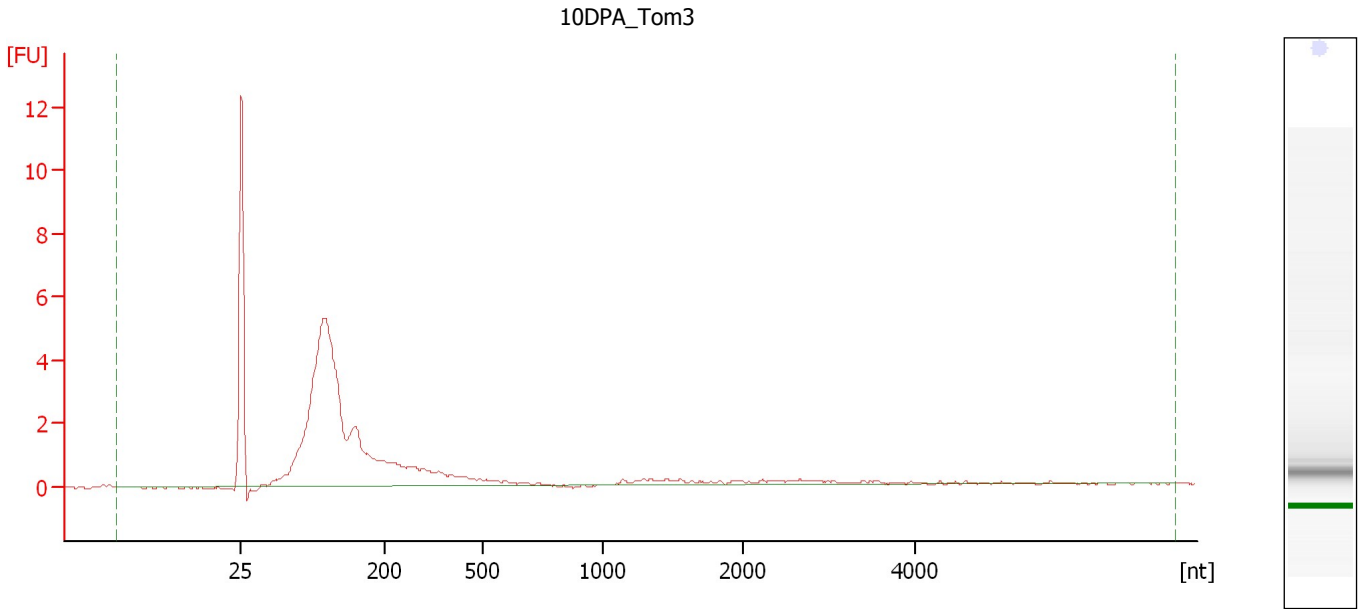
Overall Results for sample 4 : 10DPA_Cp3

RNA Area:	94.8	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	610 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



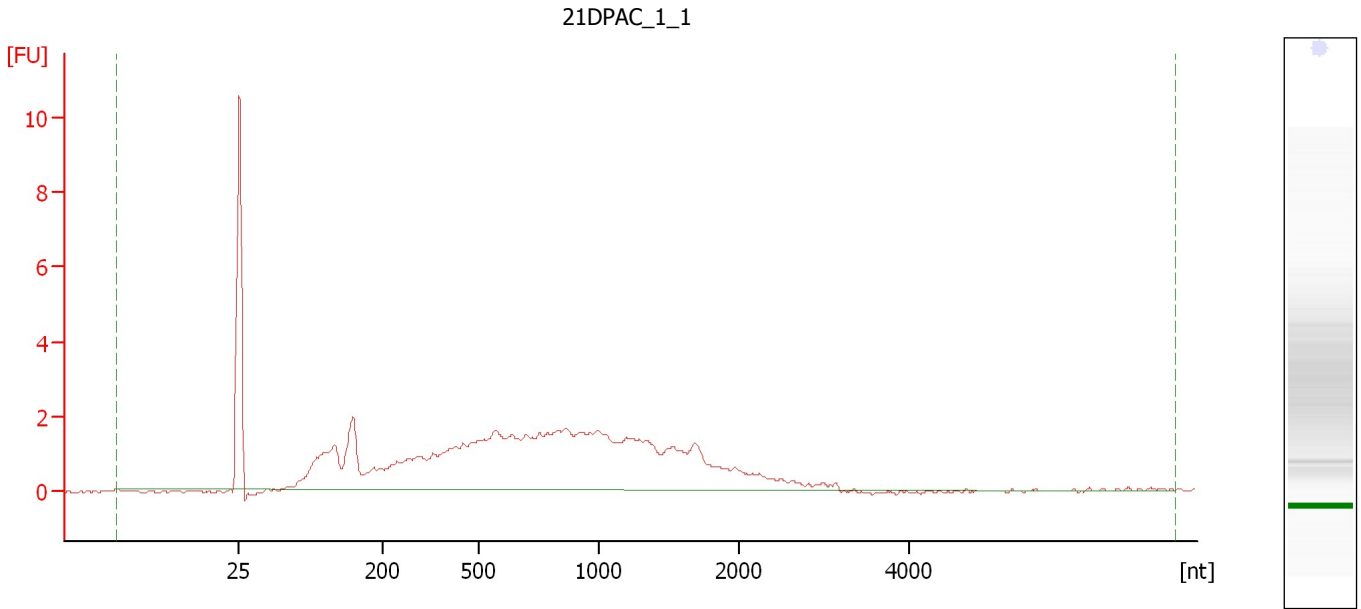
Overall Results for sample 5 : 10DPA Tom3

RNA Area:	44.0	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	283 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



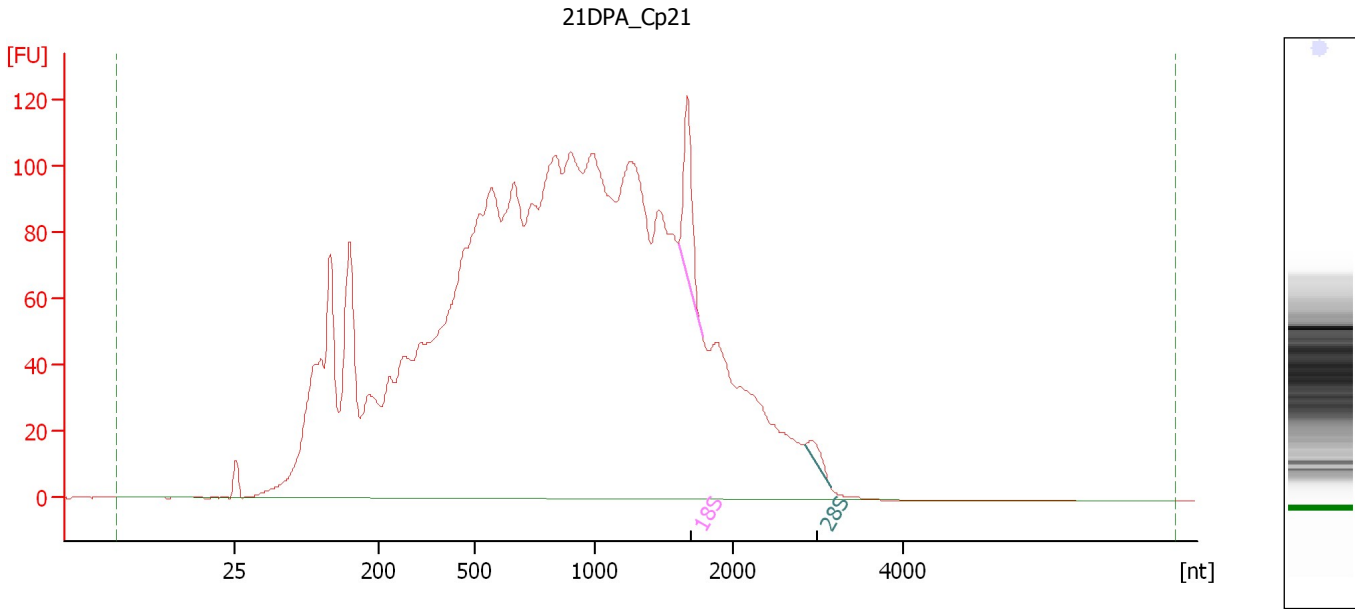
Overall Results for sample 6 : 21DPAC 1 1

RNA Area:	61.5	RNA Integrity Number (RIN):	1.8 (B.02.08)
RNA Concentration:	396 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.80

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 21DPA Cp21

RNA Area: 3,866.6 RNA Integrity Number (RIN): 2.6 (B.02.08)
RNA Concentration: 24,894 pg/µl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.2 Result Flagging Label: RIN: 2.60

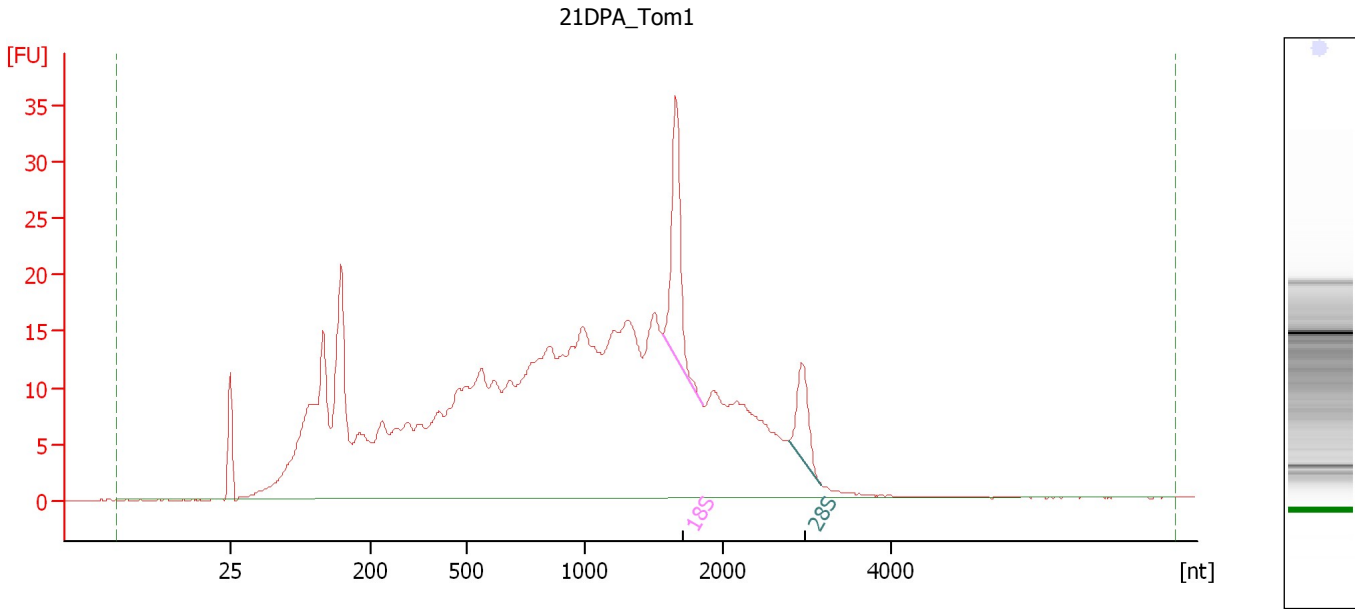
Fragment table for sample 7 : 21DPA Cp21

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,600	1,777	53.0	1.4
28S	2,835	3,152	8.2	0.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 21DPA Tom1

RNA Area: 652.5 RNA Integrity Number (RIN): 3.8 (B.02.08)
RNA Concentration: 4,201 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.4 Result Flagging Label: RIN: 3.80

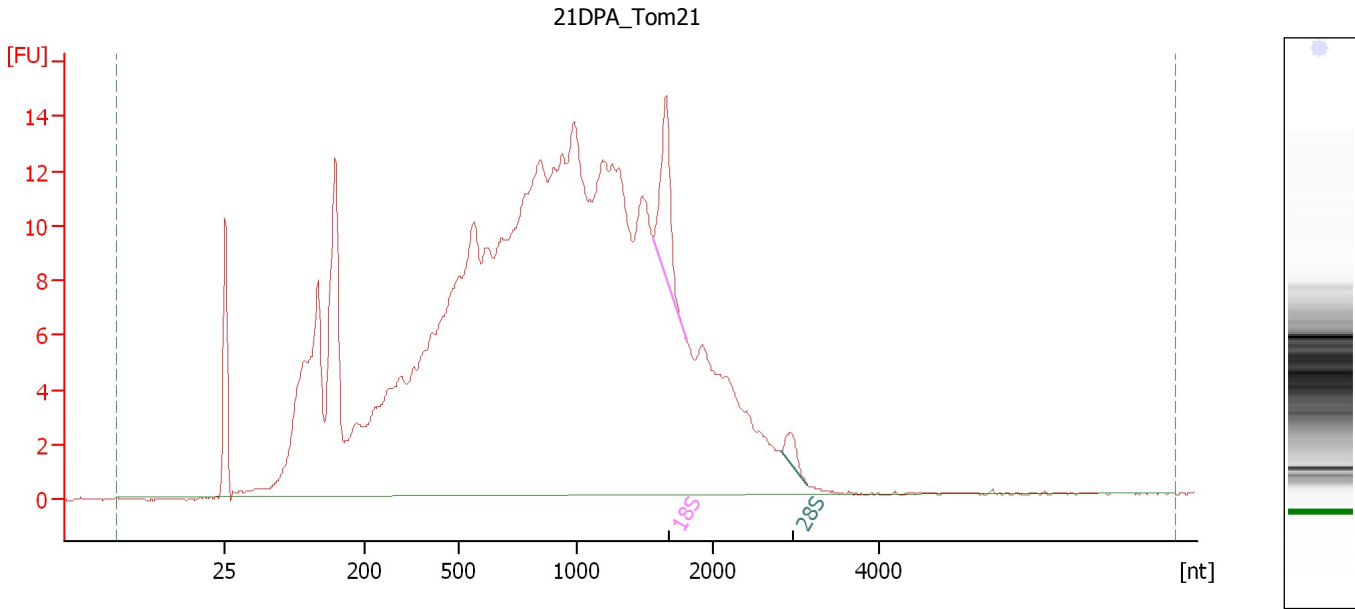
Fragment table for sample 8 : 21DPA Tom1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,555	1,849	23.6	3.6
28S	2,775	3,172	10.3	1.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 21DPA Tom21

RNA Area: 438.0 RNA Integrity Number (RIN): 3 (B.02.08)
RNA Concentration: 2,820 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.2 Result Flagging Label: RIN:3

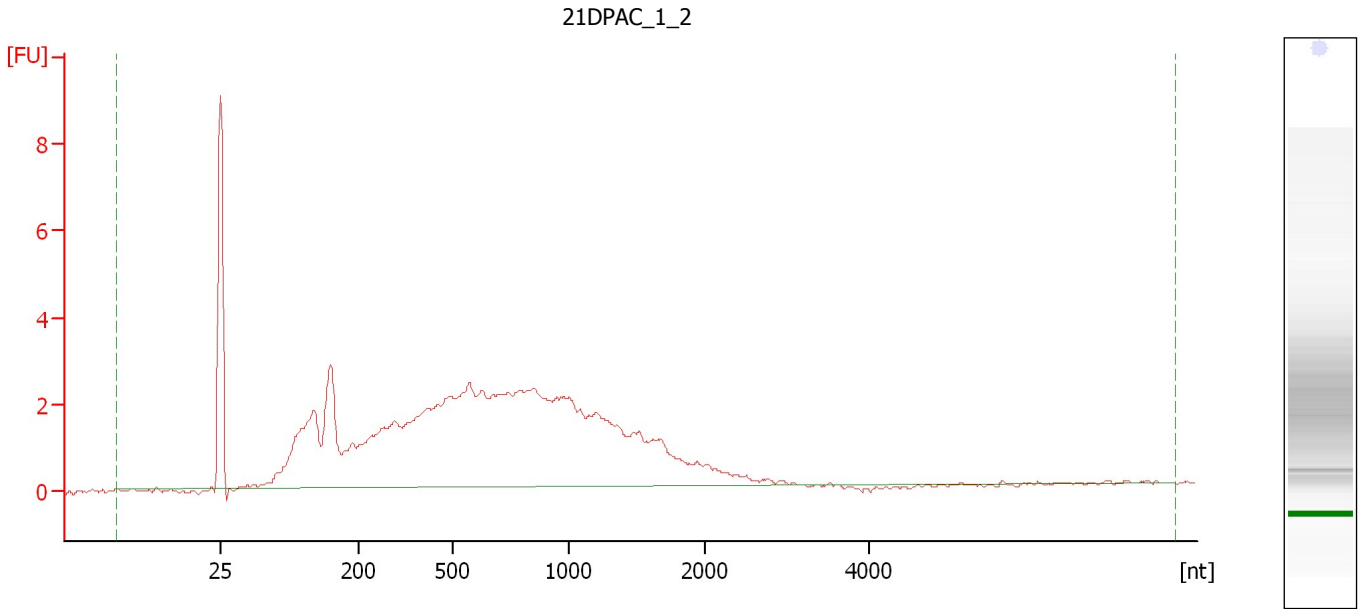
Fragment table for sample 9 : 21DPA Tom21

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,563	1,806	7.5	1.7
28S	2,830	3,141	1.3	0.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



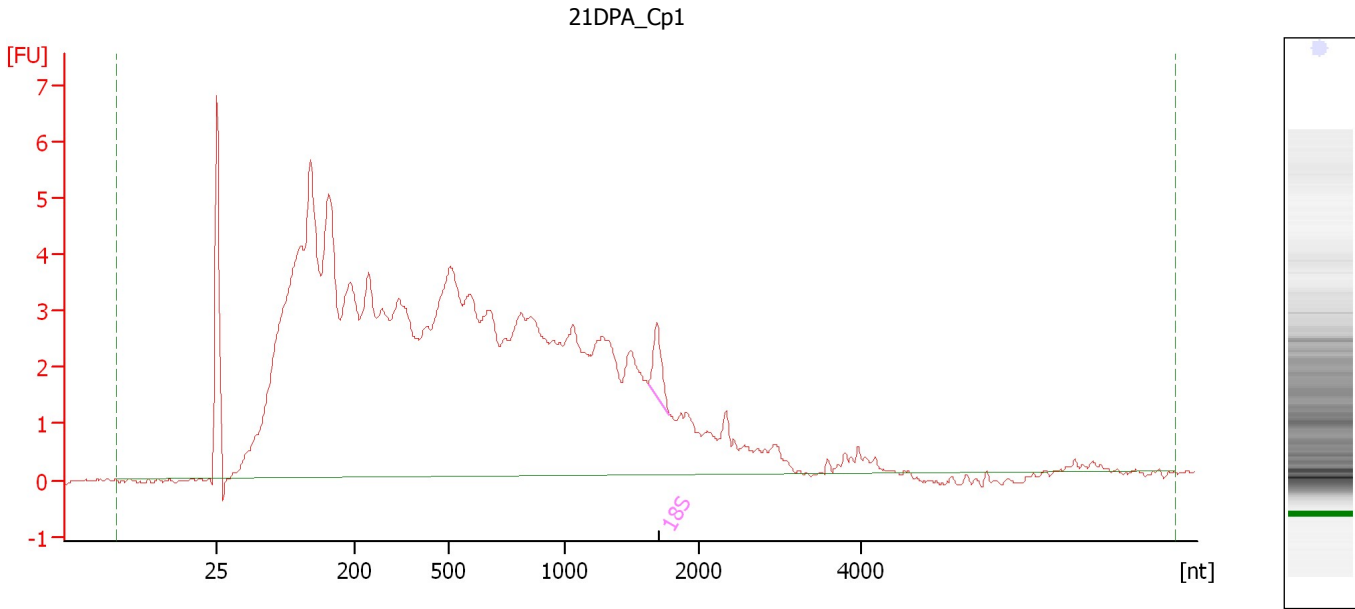
Overall Results for sample 10 : 21DPAC 1 2

RNA Area:	85.8	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	553 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 21DPA_Cp1

RNA Area: 167.0 RNA Integrity Number (RIN): 2.7 (B.02.08)
RNA Concentration: 1,075 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN: 2.70

Fragment table for sample 11 : 21DPA_Cp1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,624	1,783	1.3	0.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2013-12-10\2013-12-10_007.xad

Created: 12/10/2013 3:07:54 PM
Modified: 12/10/2013 3:30:01 PM

Gel Image

