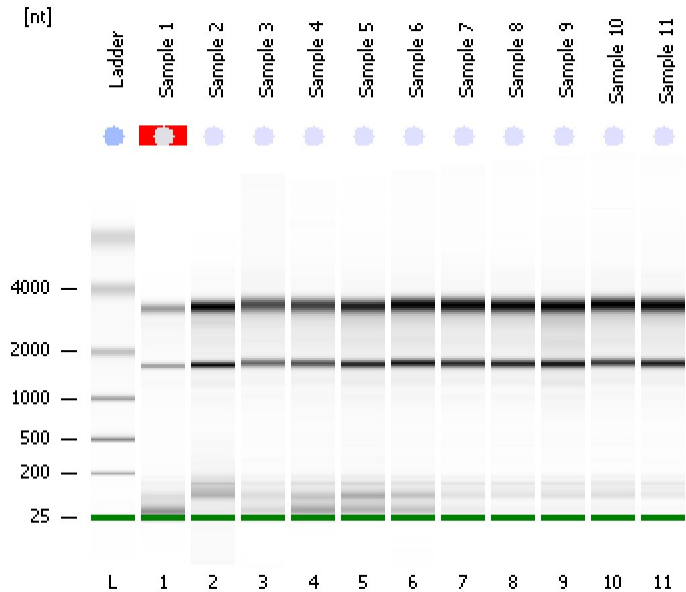


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electrophoresis File Run Summary



Instrument Information:

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

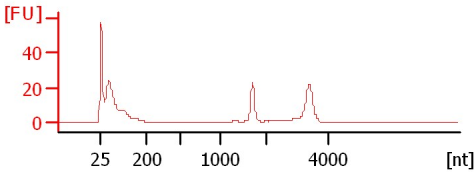
Assay Information:

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.

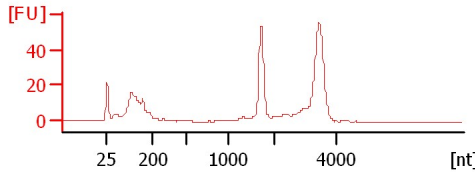
Chip Information:

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

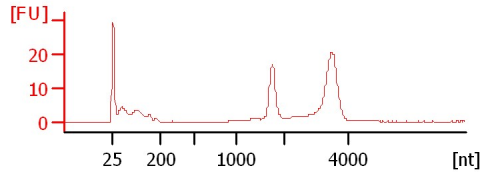
Sample 1
RIN: N/A



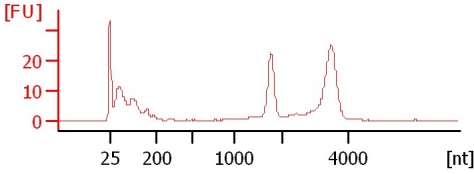
Sample 2
RIN: 9.60



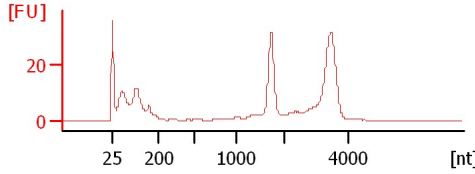
Sample 3
RIN: 9.90



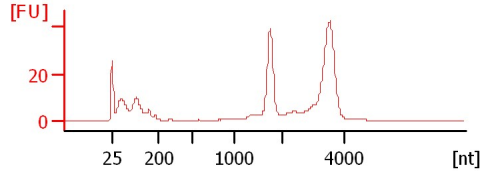
Sample 4
RIN: 9.70



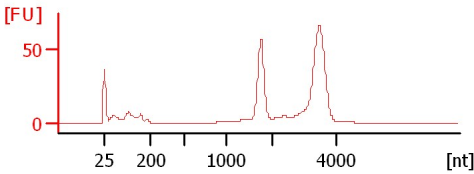
Sample 5
RIN: 9.50



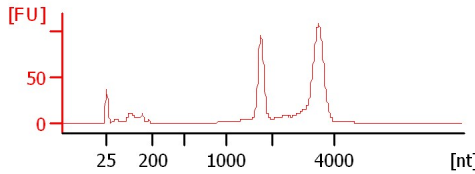
Sample 6
RIN: 9.60



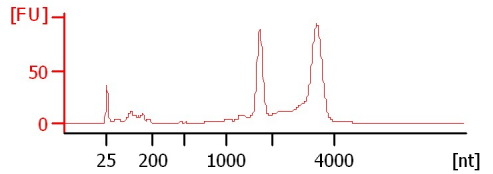
Sample 7
RIN: 10



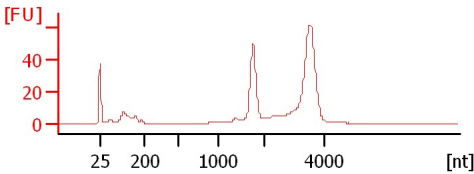
Sample 8
RIN: 9.90



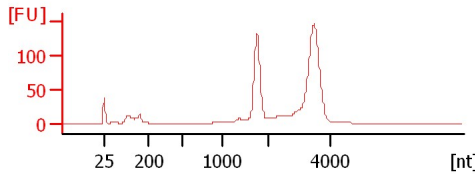
Sample 9
RIN: 9.60



Sample 10
RIN: 10



Sample 11
RIN: 9.90



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1		✓	RIN N/A	
Sample 2		✓	RIN: 9.60	
Sample 3		✓	RIN: 9.90	
Sample 4		✓	RIN: 9.70	
Sample 5		✓	RIN: 9.50	
Sample 6		✓	RIN: 9.60	
Sample 7		✓	RIN:10	
Sample 8		✓	RIN: 9.90	
Sample 9		✓	RIN: 9.60	
Sample 10		✓	RIN:10	
Sample 11		✓	RIN: 9.90	
Ladder		✓	All Other Samples	

Chip Lot #

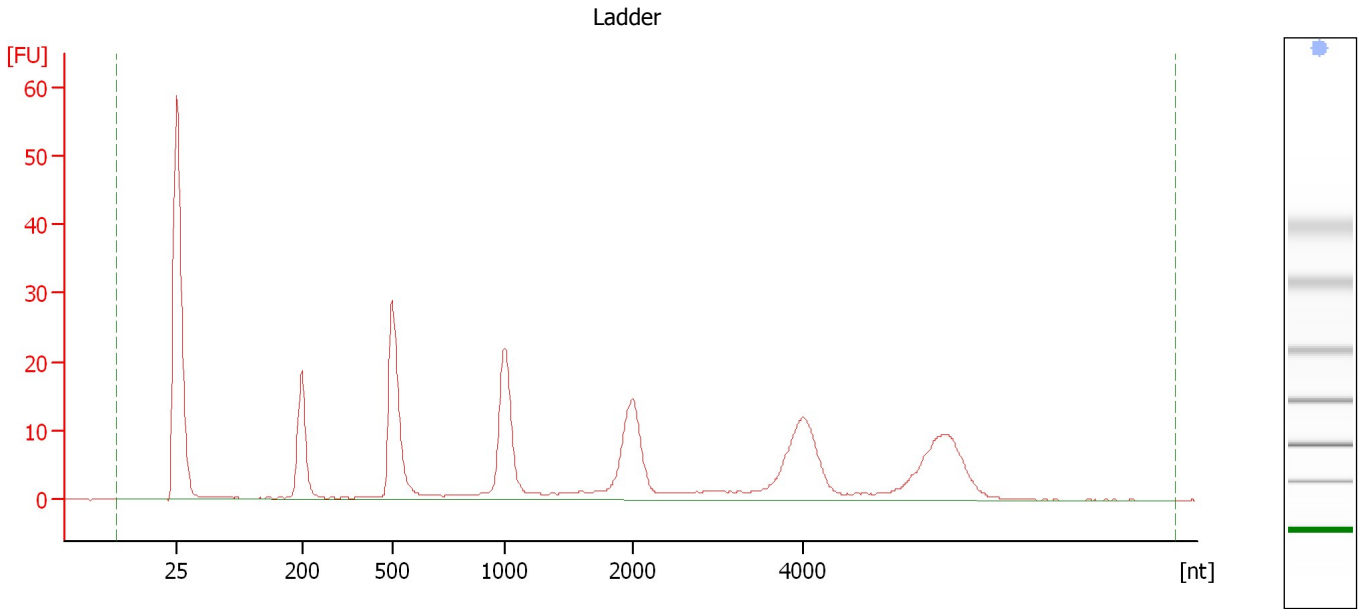
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary



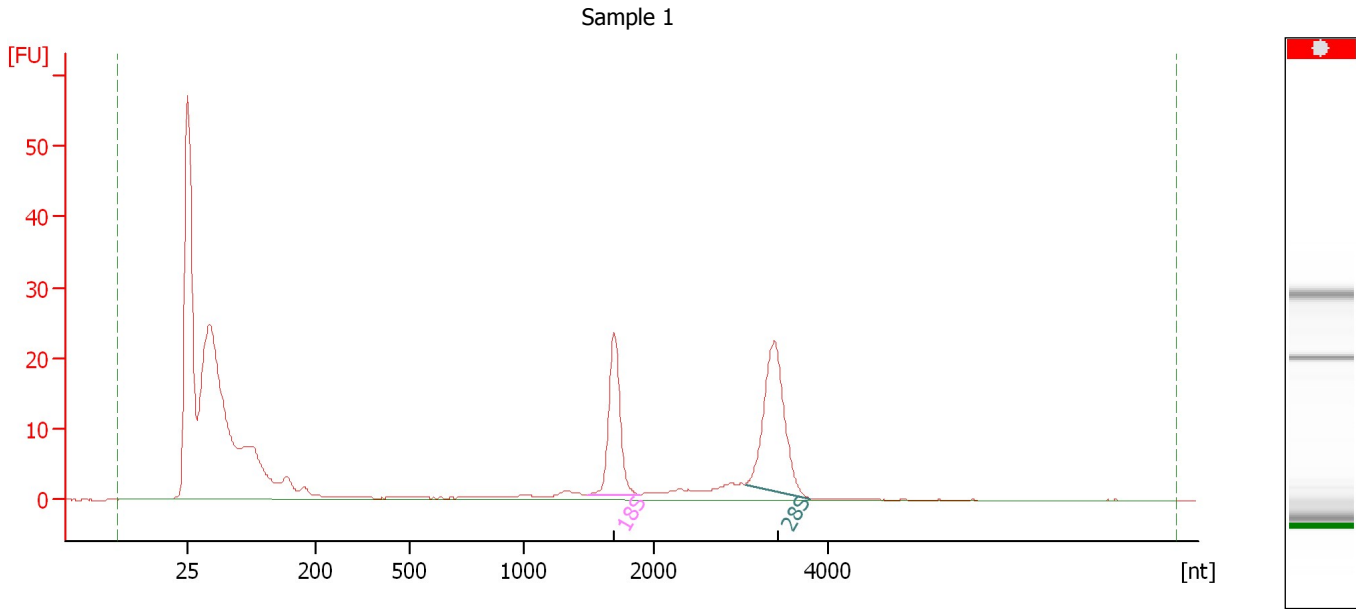
Overall Results for Ladder

RNA Area:	271.7	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\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Sample 1

RNA Area:	297.8	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1,096 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN N/A

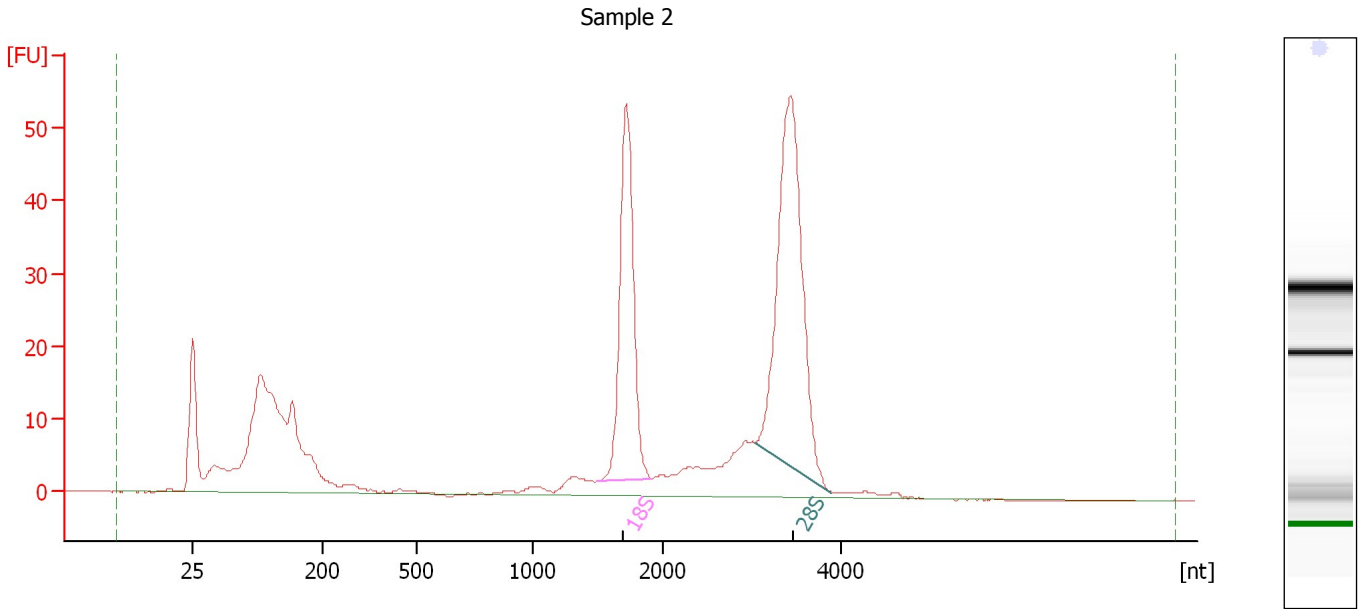
Fragment table for sample 1 : Sample 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,494	1,896	31.9	10.7
28S	3,044	3,778	46.3	15.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Sample 2

RNA Area:	484.6	RNA Integrity Number (RIN):	9.6 (B.02.08)
RNA Concentration:	1,784 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 9.60

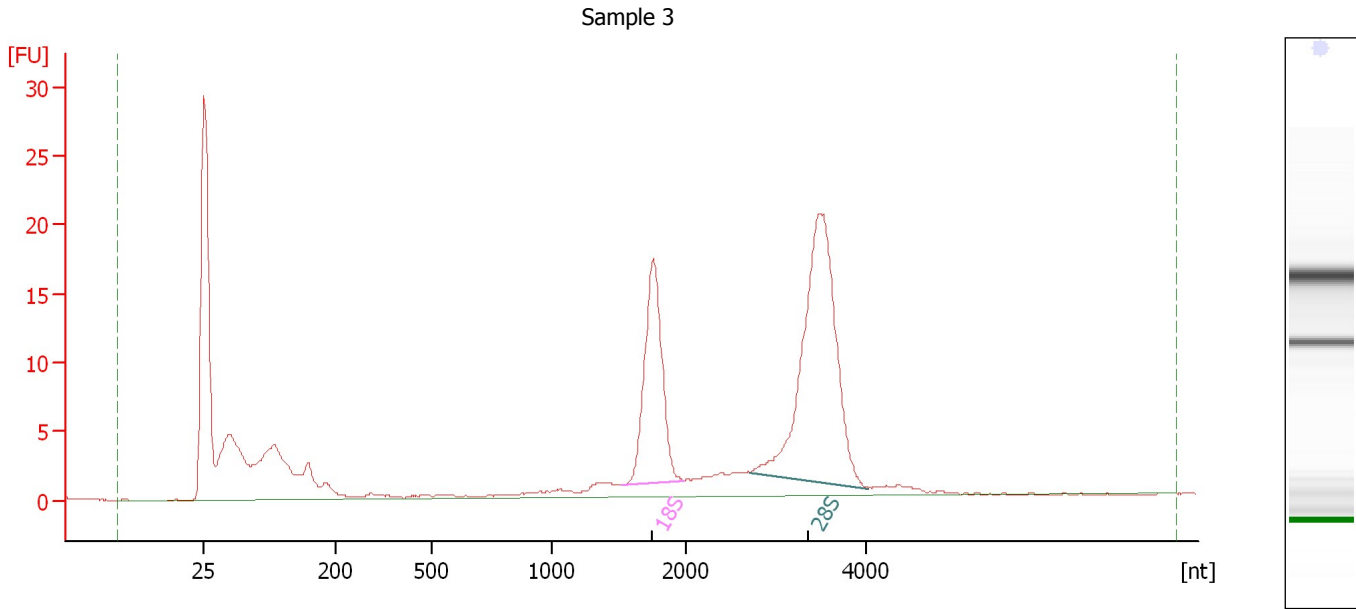
Fragment table for sample 2 : Sample 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,493	1,907	87.1	18.0
28S	3,036	3,906	132.6	27.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Sample 3

RNA Area:	197.6	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	728 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 9.90

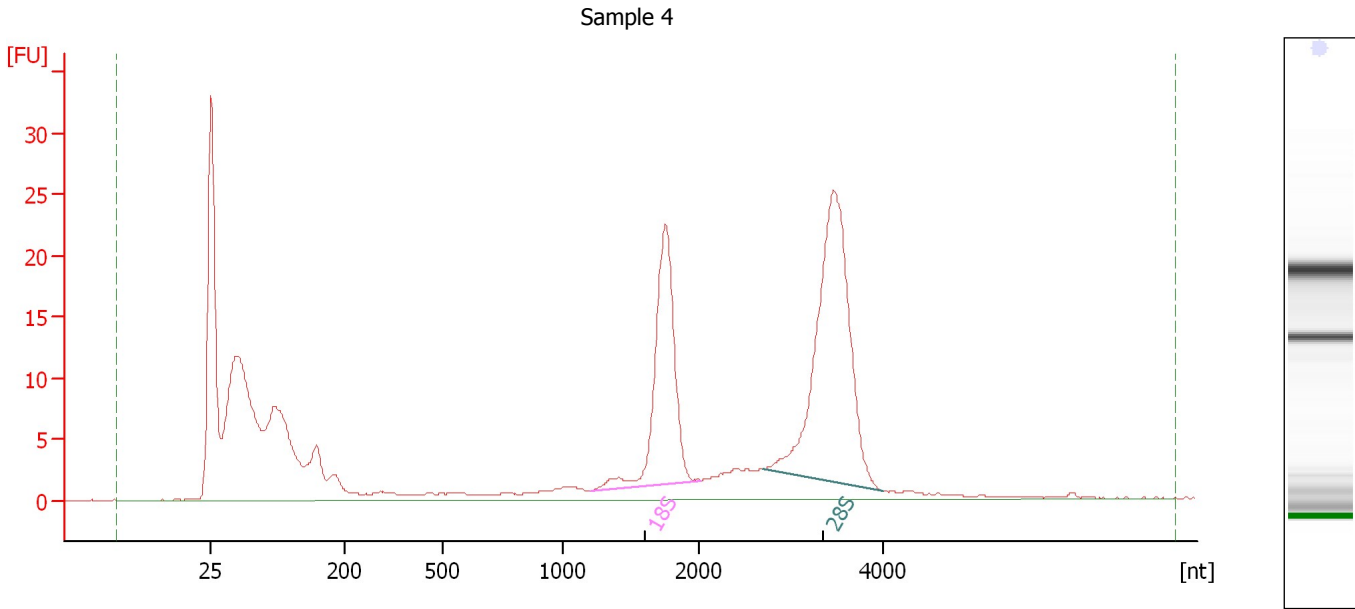
Fragment table for sample 3 : Sample 3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,523	1,985	34.6	17.5
28S	2,711	4,025	67.1	34.0

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
 Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Sample 4

RNA Area:	311.9	RNA Integrity Number (RIN):	9.7 (B.02.08)
RNA Concentration:	1,148 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN: 9.70

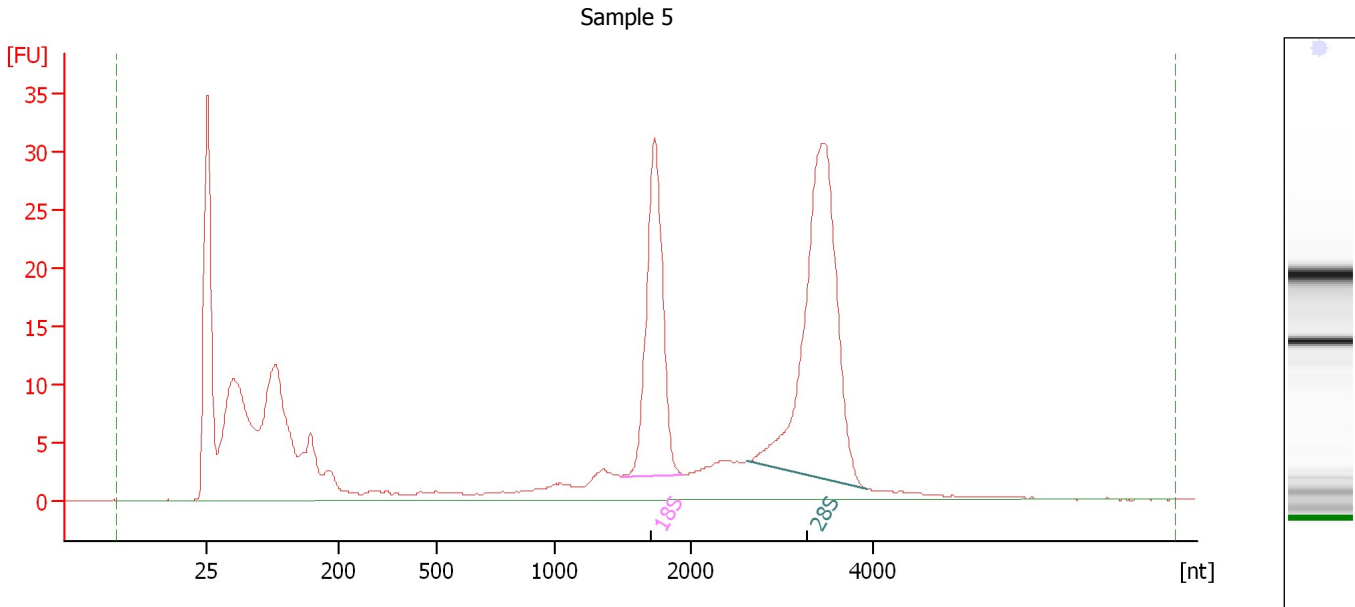
Fragment table for sample 4 : Sample 4

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,203	2,028	49.1	15.8
28S	2,704	4,011	80.3	25.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Sample 5

RNA Area:	377.0	RNA Integrity Number (RIN):	9.5 (B.02.08)
RNA Concentration:	1,388 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.7	Result Flagging Label:	RIN: 9.50

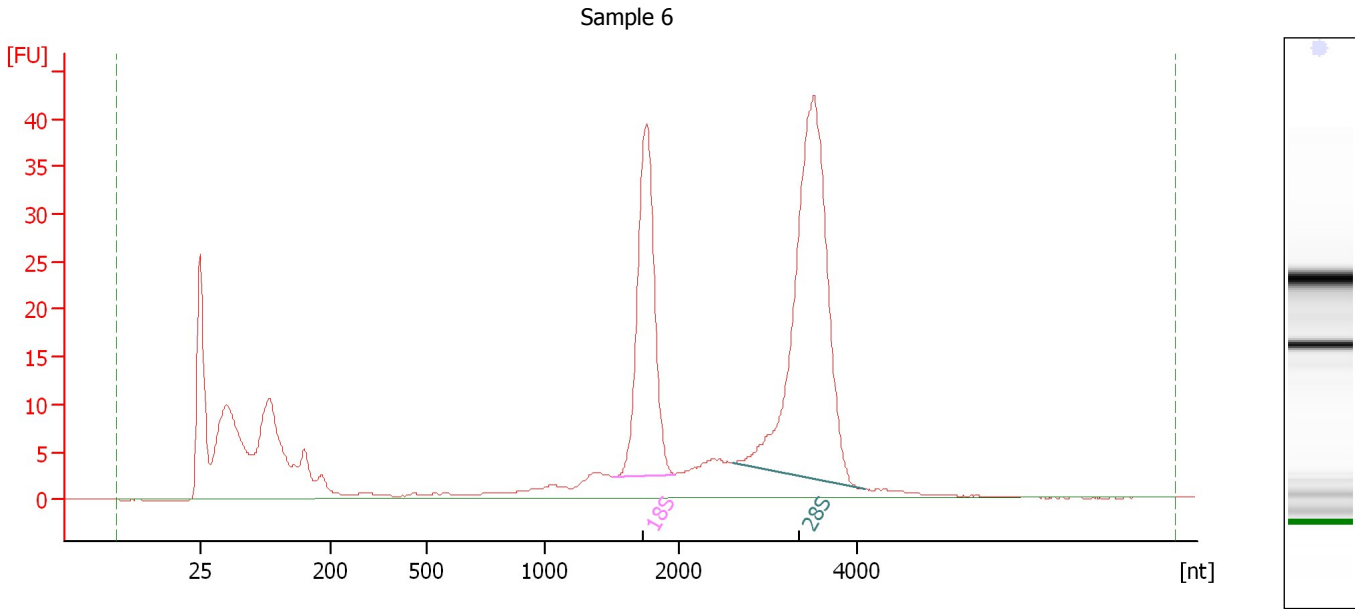
Fragment table for sample 5 : Sample 5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,488	1,946	56.4	15.0
28S	2,626	3,931	97.3	25.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Sample 6

RNA Area:	428.3	RNA Integrity Number (RIN):	9.6 (B.02.08)
RNA Concentration:	1,577 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 9.60

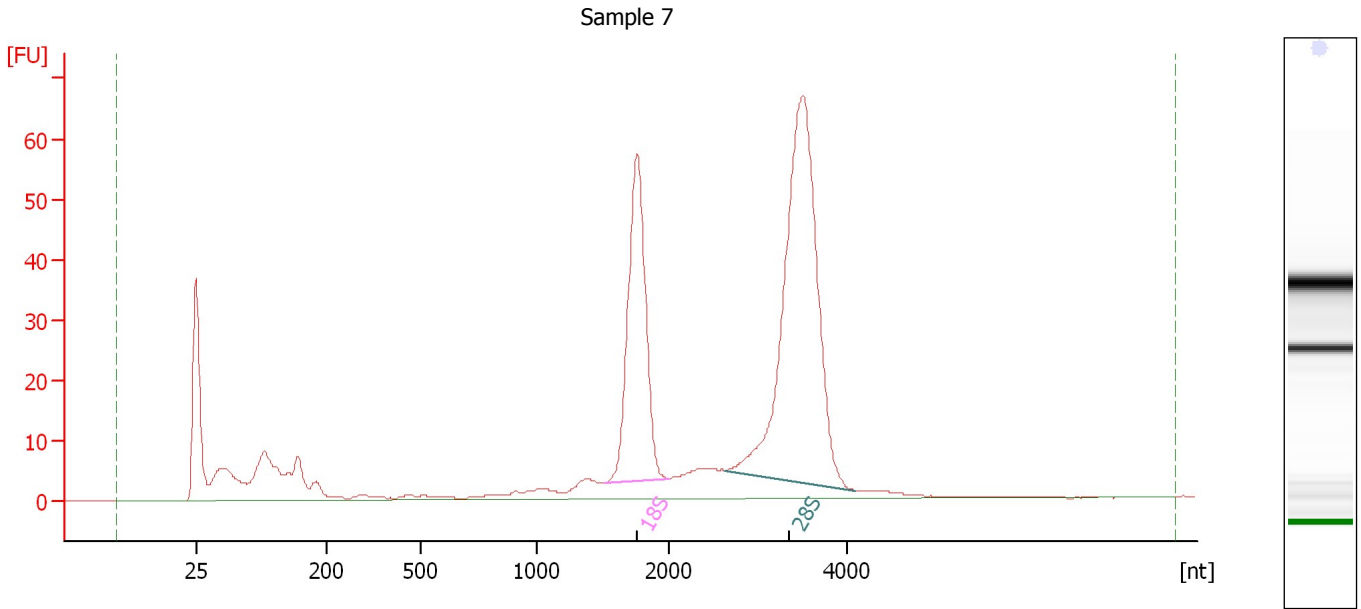
Fragment table for sample 6 : Sample 6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,519	1,983	76.4	17.8
28S	2,607	4,084	138.0	32.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Sample 7

RNA Area: 551.2 RNA Integrity Number (RIN): 10 (B.02.08)
RNA Concentration: 2,029 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.9 Result Flagging Label: RIN:10

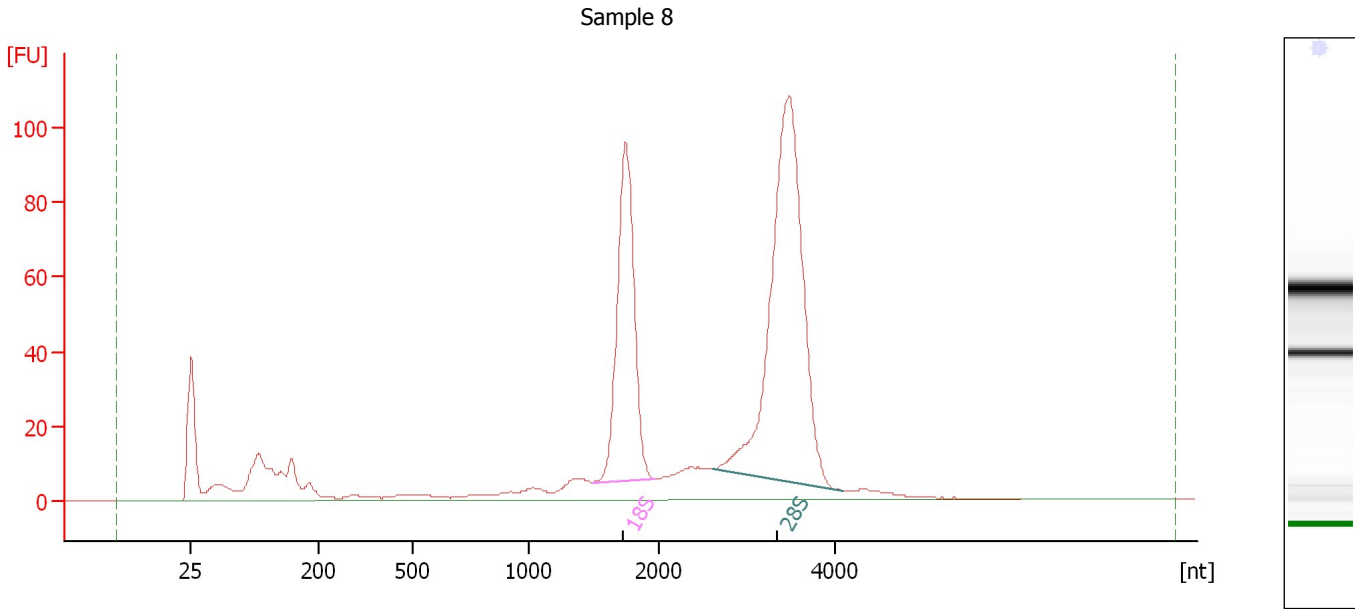
Fragment table for sample 7 : Sample 7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,505	1,990	117.5	21.3
28S	2,622	4,076	223.2	40.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Sample 8

RNA Area:	871.5	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	3,208 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 9.90

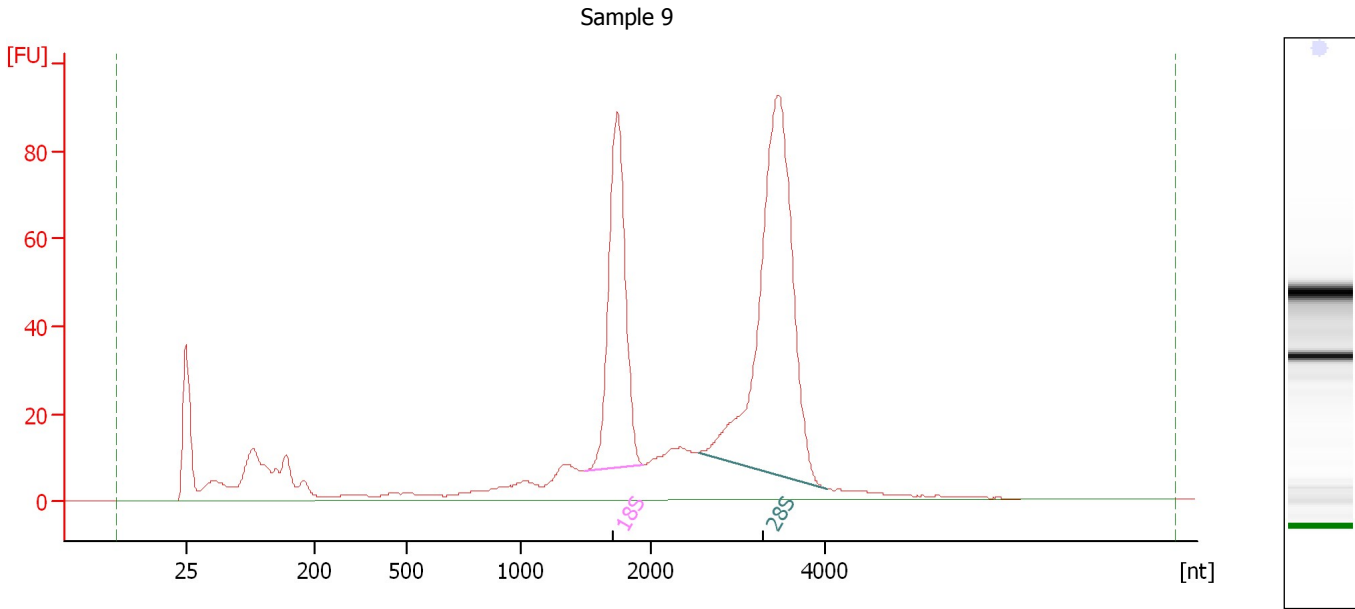
Fragment table for sample 8 : Sample 8

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,490	1,963	189.0	21.7
28S	2,602	4,084	352.5	40.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : Sample 9

RNA Area: 881.8 RNA Integrity Number (RIN): 9.6 (B.02.08)
RNA Concentration: 3,246 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.8 Result Flagging Label: RIN: 9.60

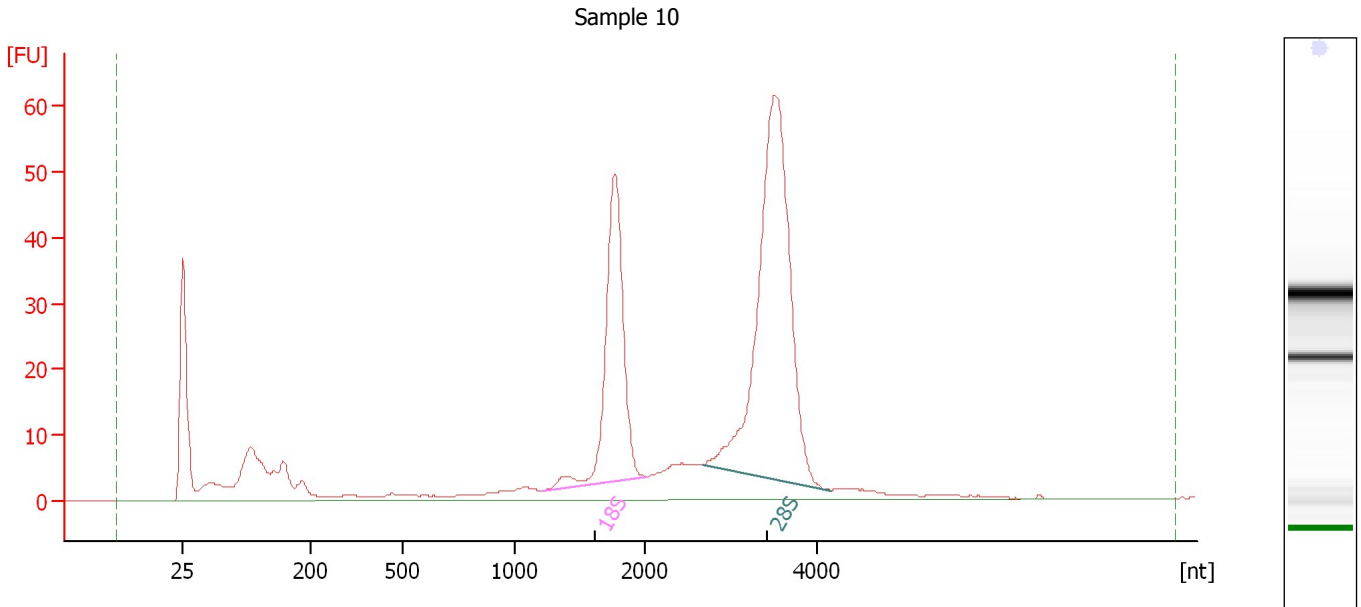
Fragment table for sample 9 : Sample 9

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,492	1,945	168.6	19.1
28S	2,544	4,014	311.3	35.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : Sample 10

RNA Area: 511.9 RNA Integrity Number (RIN): 10 (B.02.08)
RNA Concentration: 1,884 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.9 Result Flagging Label: RIN:10

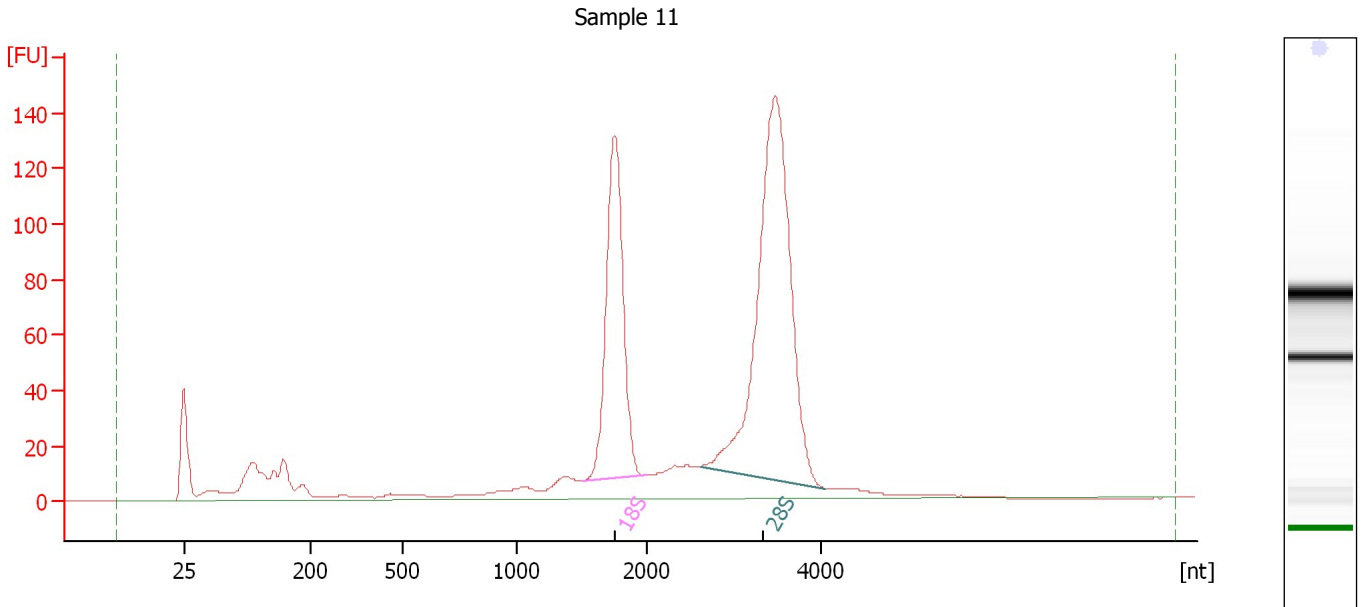
Fragment table for sample 10 : Sample 10

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,206	2,015	102.6	20.1
28S	2,681	4,149	199.1	38.9

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
 Modified: 2/23/2018 1:01:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : Sample 11

RNA Area:	1,205.9	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	4,439 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 9.90

Fragment table for sample 11 : Sample 11

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,506	2,003	263.4	21.8
28S	2,631	4,059	488.1	40.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-23\2018-02-23_003.xad

Created: 2/23/2018 12:38:57 PM
Modified: 2/23/2018 1:01:48 PM

Gel Image

