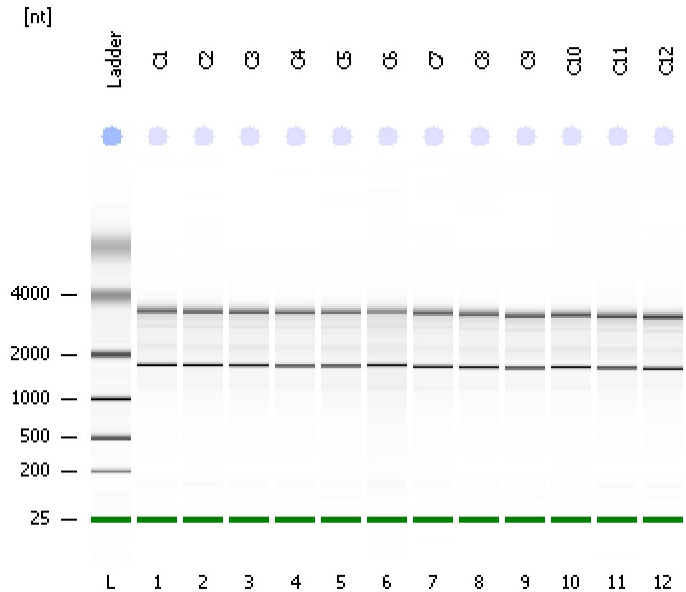


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electrophoresis File Run Summary



Instrument Information:

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

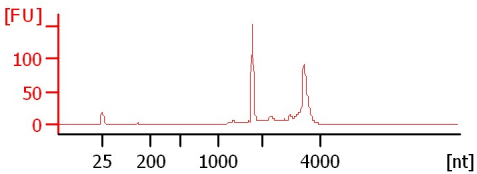
Assay Information:

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

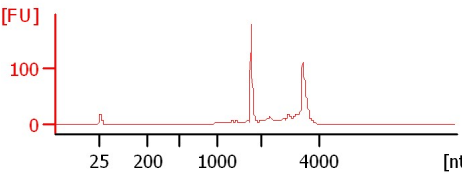
Chip Information:

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

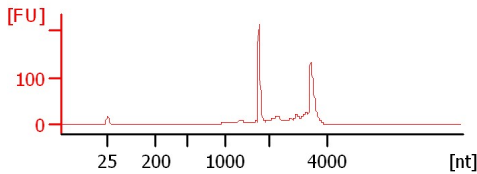
C1
RIN: 8.90



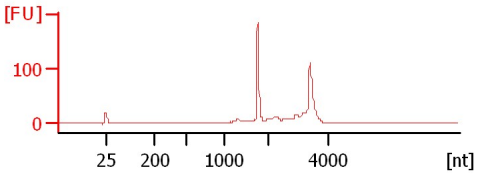
C2
RIN: 8.70



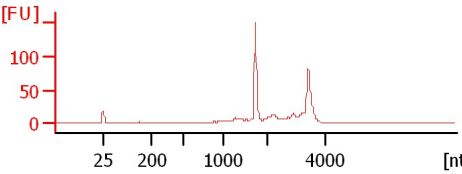
C3
RIN: 8.60



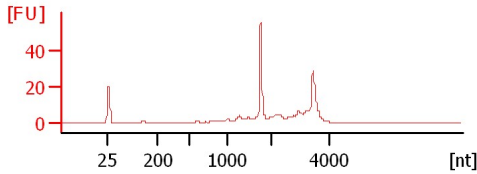
C4
RIN: 8.70



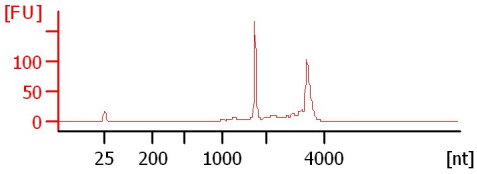
C5
RIN: 8.40



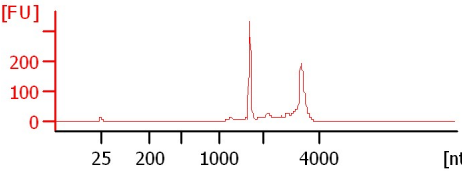
C6
RIN: 7.90



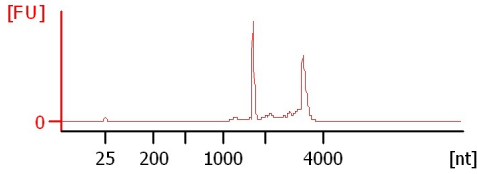
C7
RIN: 8.80



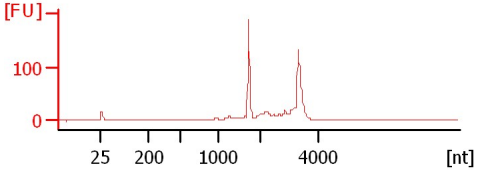
C8
RIN: 8.90



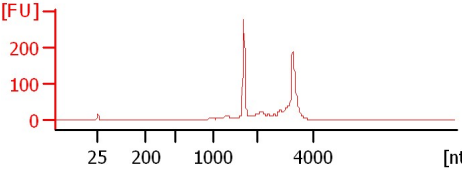
C9
RIN: 8.90



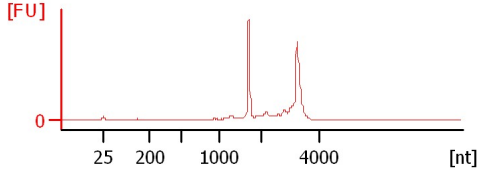
C10
RIN: 9



C11
RIN: 9



C12
RIN: 8.90



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
 Modified: 3/15/2018 3:48:14 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
C1		✓	RIN: 8.90	
C2		✓	RIN: 8.70	
C3		✓	RIN: 8.60	
C4		✓	RIN: 8.70	
C5		✓	RIN: 8.40	
C6		✓	RIN: 7.90	
C7		✓	RIN: 8.80	
C8		✓	RIN: 8.90	
C9		✓	RIN: 8.90	
C10		✓	RIN:9	
C11		✓	RIN:9	
C12		✓	RIN: 8.90	
Ladder		✓	All Other Samples	

Chip Lot #

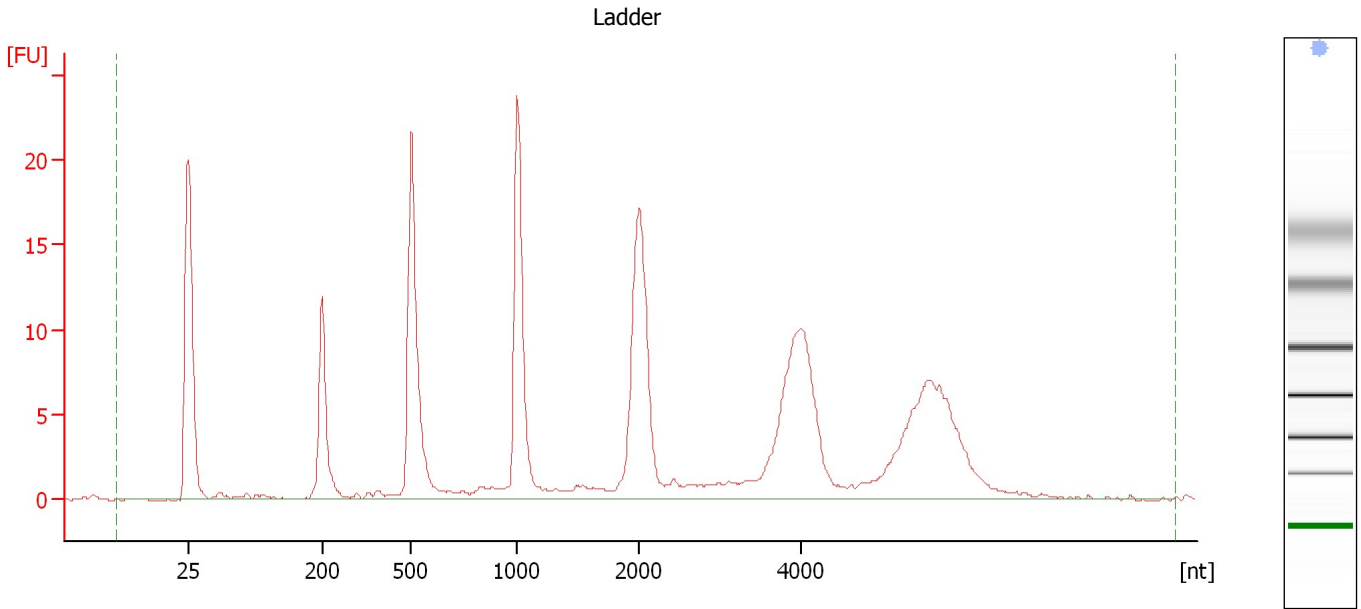
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary



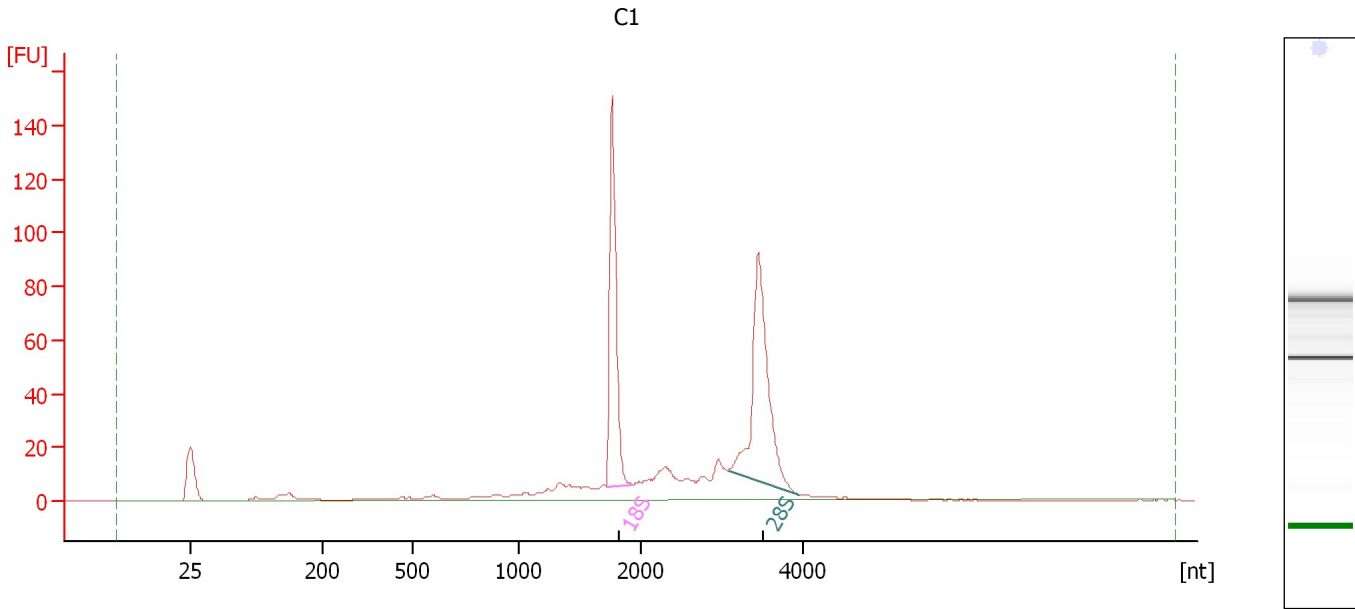
Overall Results for Ladder

RNA Area:	206.7	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : C1

RNA Area: 486.2 RNA Integrity Number (RIN): 8.9 (B.02.08)
RNA Concentration: 353 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.2 Result Flagging Label: RIN: 8.90

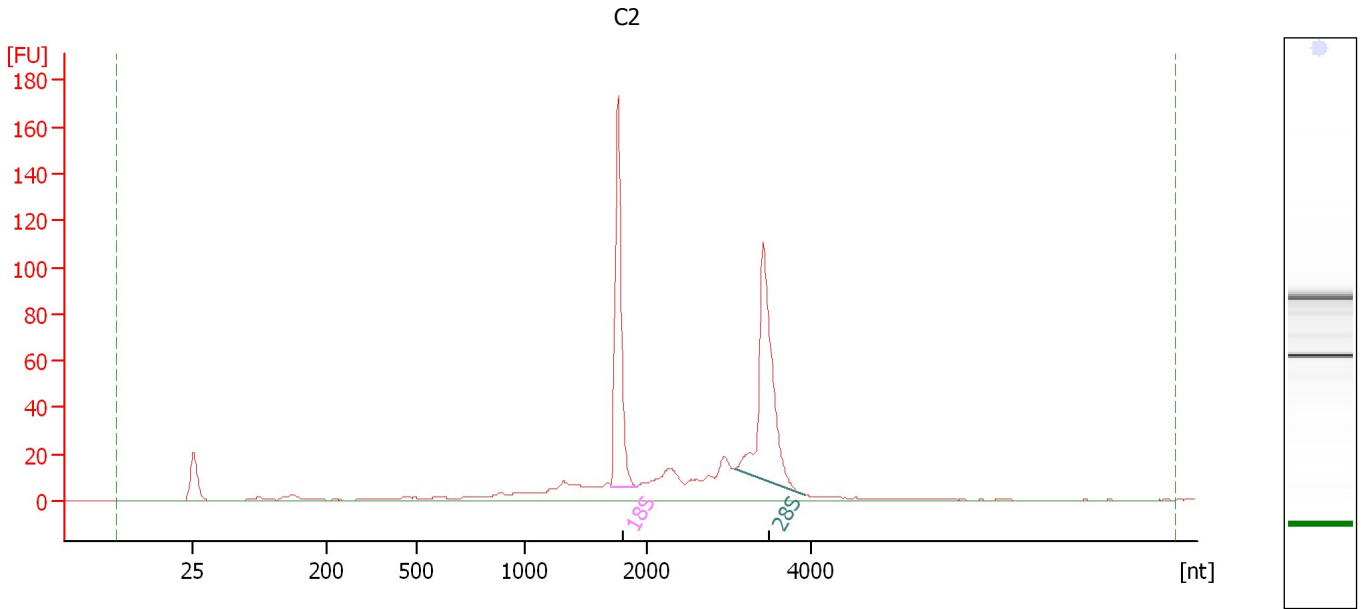
Fragment table for sample 1 : C1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,711	1,930	113.1	23.3
28S	3,071	3,956	140.0	28.8

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : C2

RNA Area: 564.0 RNA Integrity Number (RIN): 8.7 (B.02.08)
RNA Concentration: 409 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.2 Result Flagging Label: RIN: 8.70

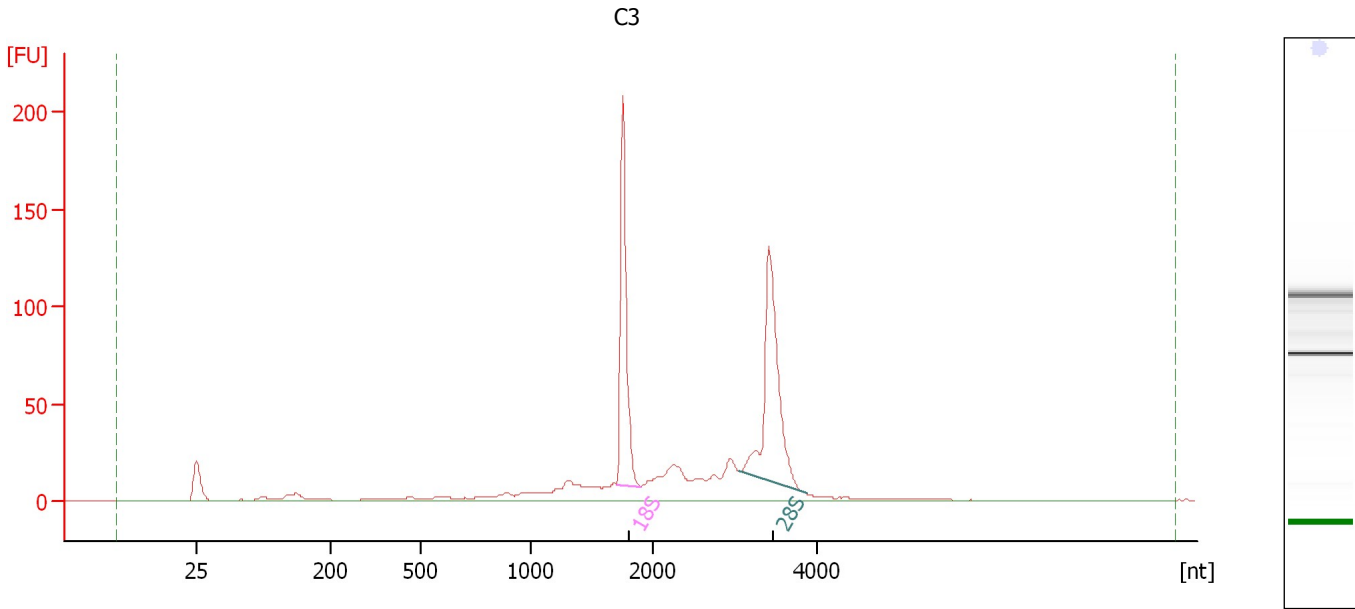
Fragment table for sample 2 : C2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,707	1,907	126.3	22.4
28S	3,067	3,921	147.4	26.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : C3

RNA Area: 690.2 RNA Integrity Number (RIN): 8.6 (B.02.08)
RNA Concentration: 501 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.2 Result Flagging Label: RIN: 8.60

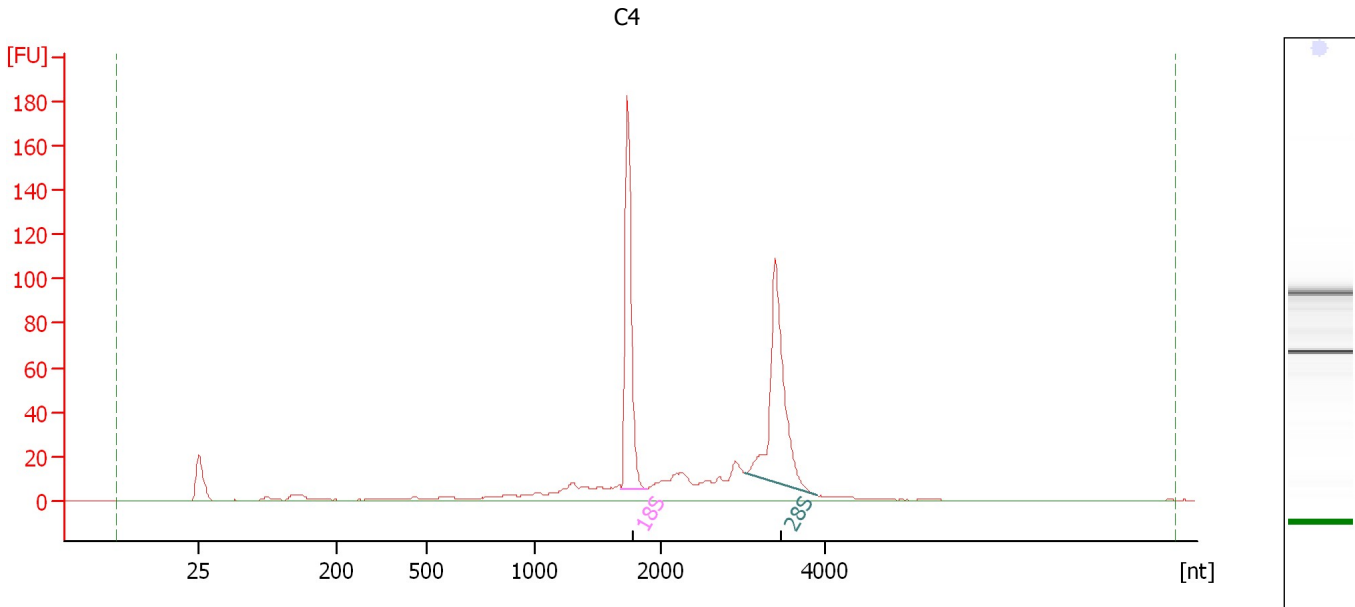
Fragment table for sample 3 : C3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,702	1,892	151.2	21.9
28S	3,050	3,859	175.2	25.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : C4

RNA Area: 542.2 RNA Integrity Number (RIN): 8.7 (B.02.08)
RNA Concentration: 393 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.1 Result Flagging Label: RIN: 8.70

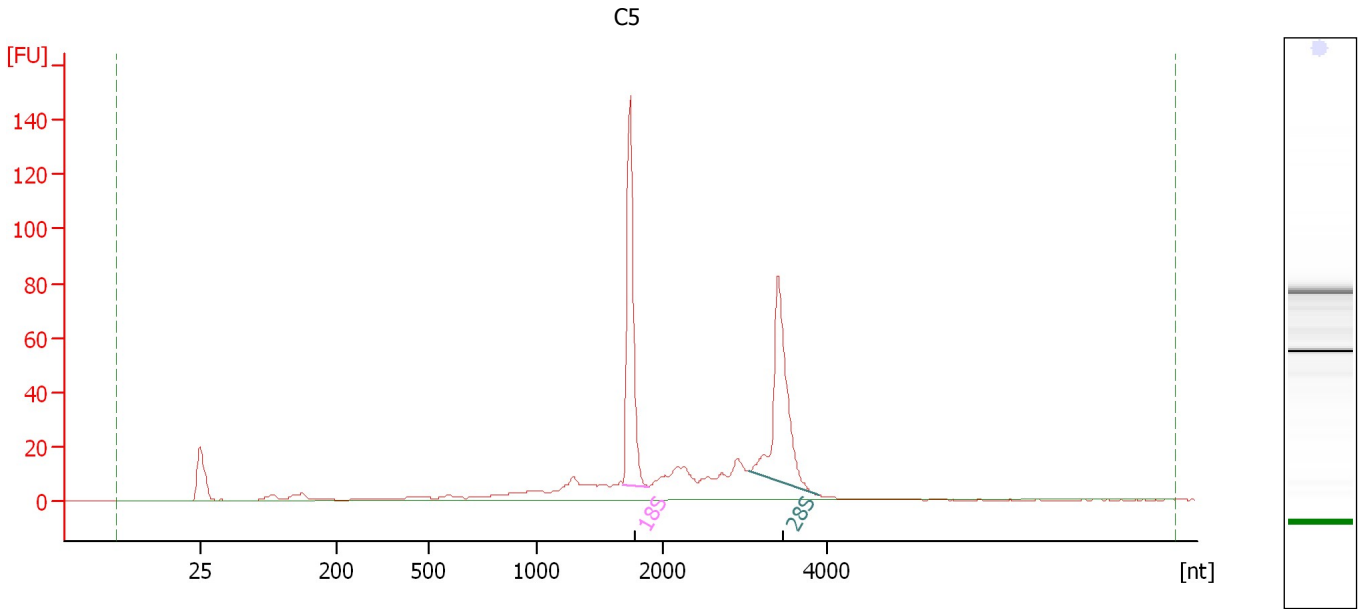
Fragment table for sample 4 : C4

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,688	1,894	128.0	23.6
28S	3,033	3,902	146.4	27.0

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : C5

RNA Area: 474.4 RNA Integrity Number (RIN): 8.4 (B.02.08)
RNA Concentration: 344 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.0 Result Flagging Label: RIN: 8.40

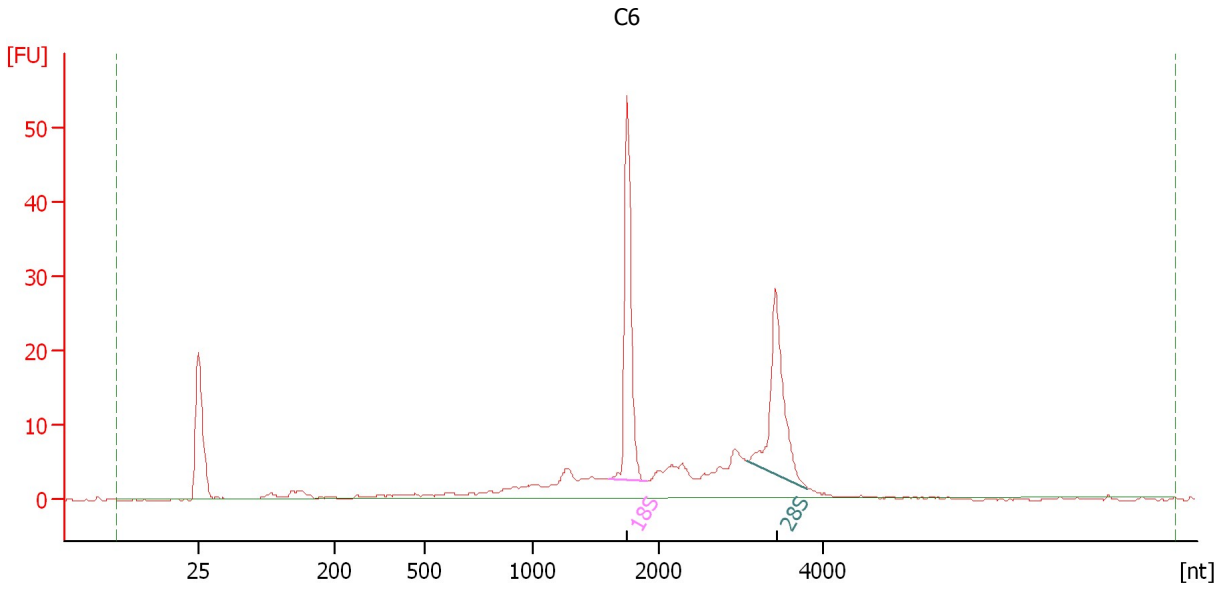
Fragment table for sample 5 : C5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,690	1,895	106.3	22.4
28S	3,045	3,899	109.5	23.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : C6

RNA Area: 192.3 RNA Integrity Number (RIN): 7.9 (B.02.08)
RNA Concentration: 140 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.9 Result Flagging Label: RIN: 7.90

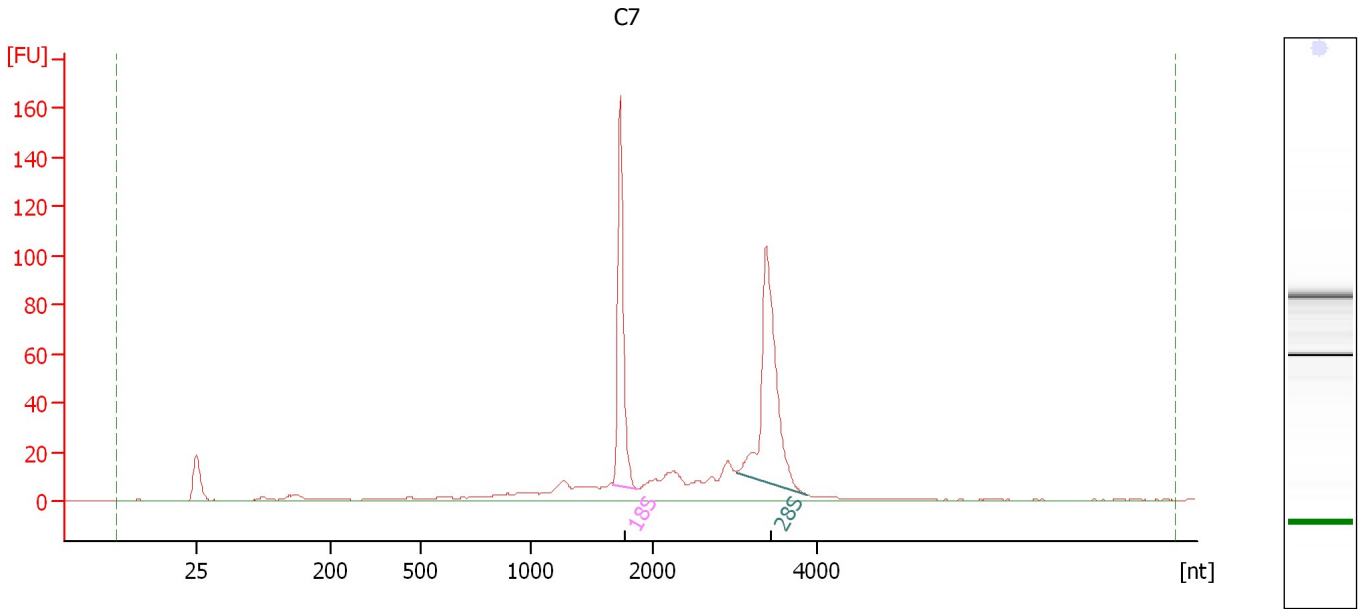
Fragment table for sample 6 : C6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,610	1,902	40.2	20.9
28S	3,087	3,814	34.6	18.0

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : C7

RNA Area:	522.6	RNA Integrity Number (RIN):	8.8 (B.02.08)
RNA Concentration:	379 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 8.80

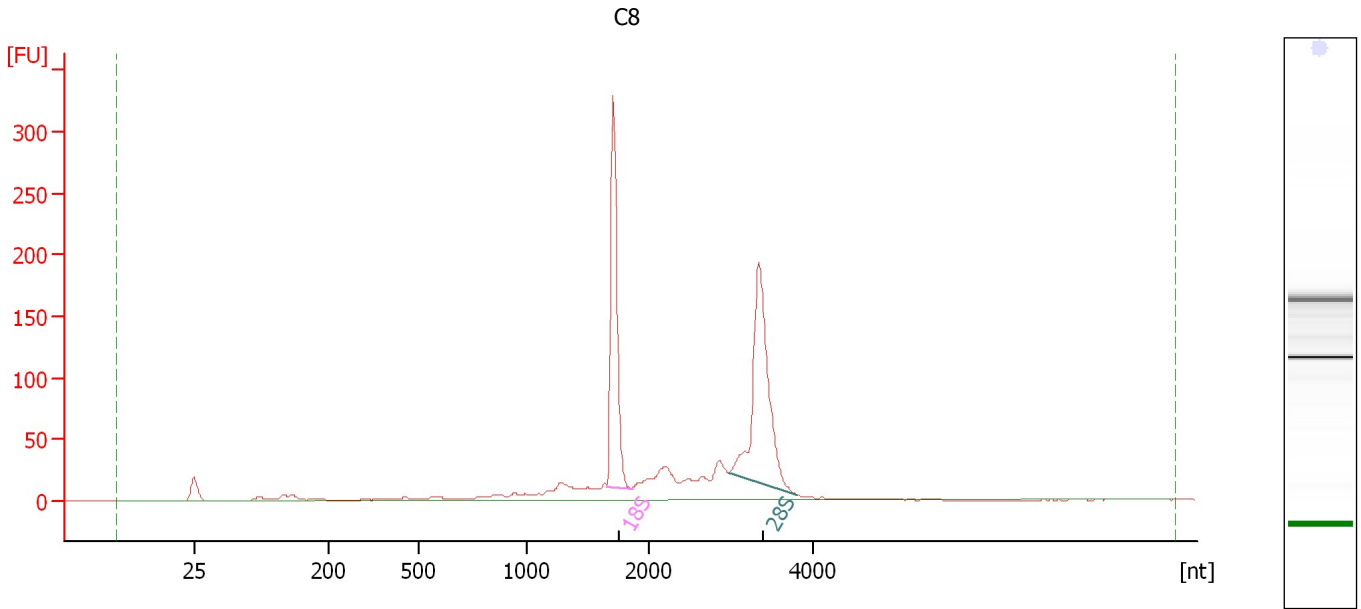
Fragment table for sample 7 : C7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,676	1,866	115.4	22.1
28S	3,011	3,872	150.1	28.7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : C8

RNA Area:	1,009.6	RNA Integrity Number (RIN):	8.9 (B.02.08)
RNA Concentration:	733 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN: 8.90

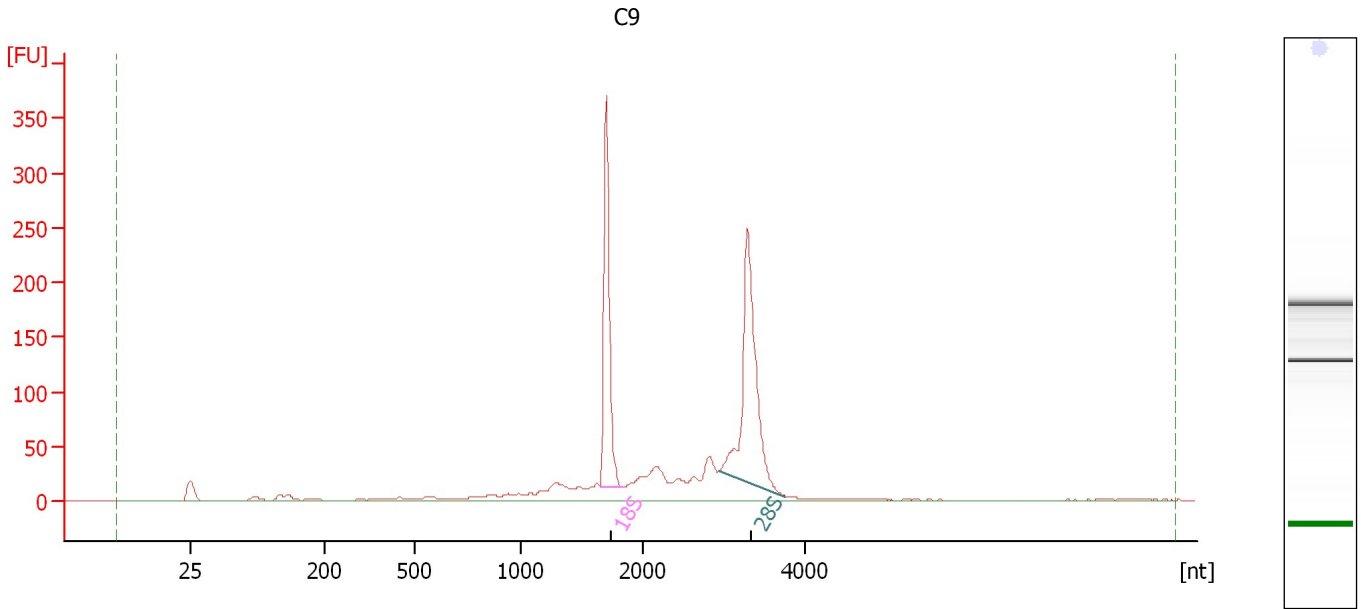
Fragment table for sample 8 : C8

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,656	1,855	239.9	23.8
28S	2,961	3,813	297.2	29.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : C9

RNA Area:	1,153.4	RNA Integrity Number (RIN):	8.9 (B.02.08)
RNA Concentration:	837 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Label:	RIN: 8.90

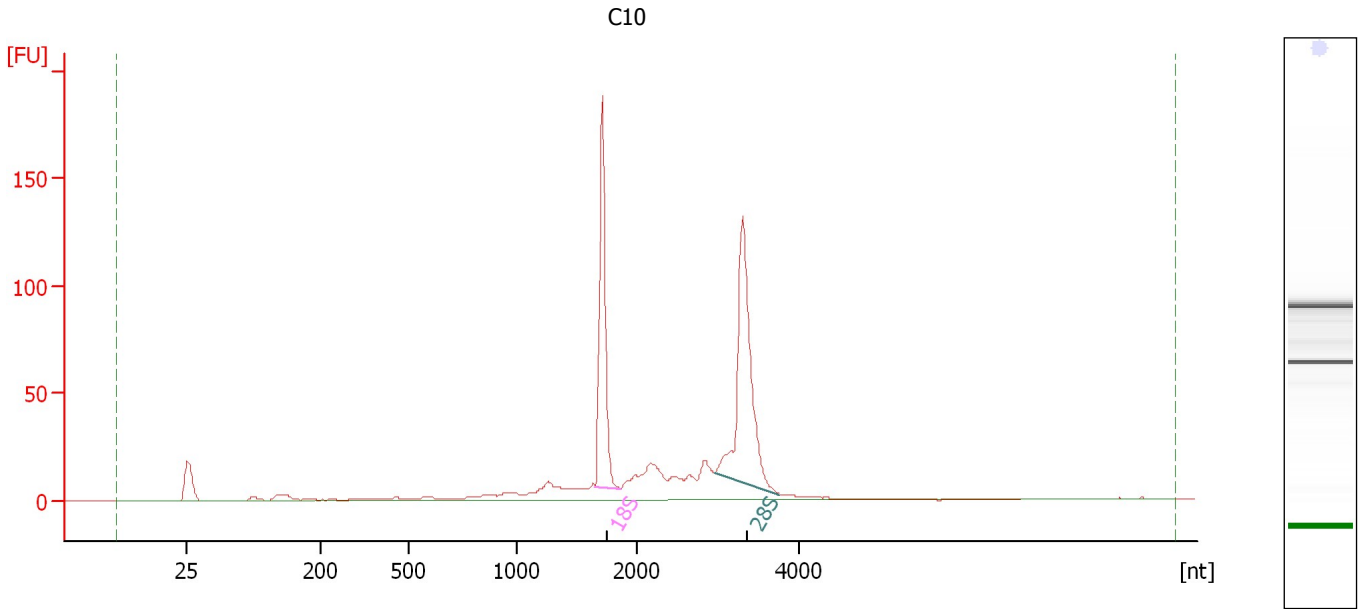
Fragment table for sample 9 : C9

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,643	1,826	267.1	23.2
28S	2,925	3,755	334.4	29.0

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : C10

RNA Area: 576.8 RNA Integrity Number (RIN): 9 (B.02.08)
RNA Concentration: 419 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN:9

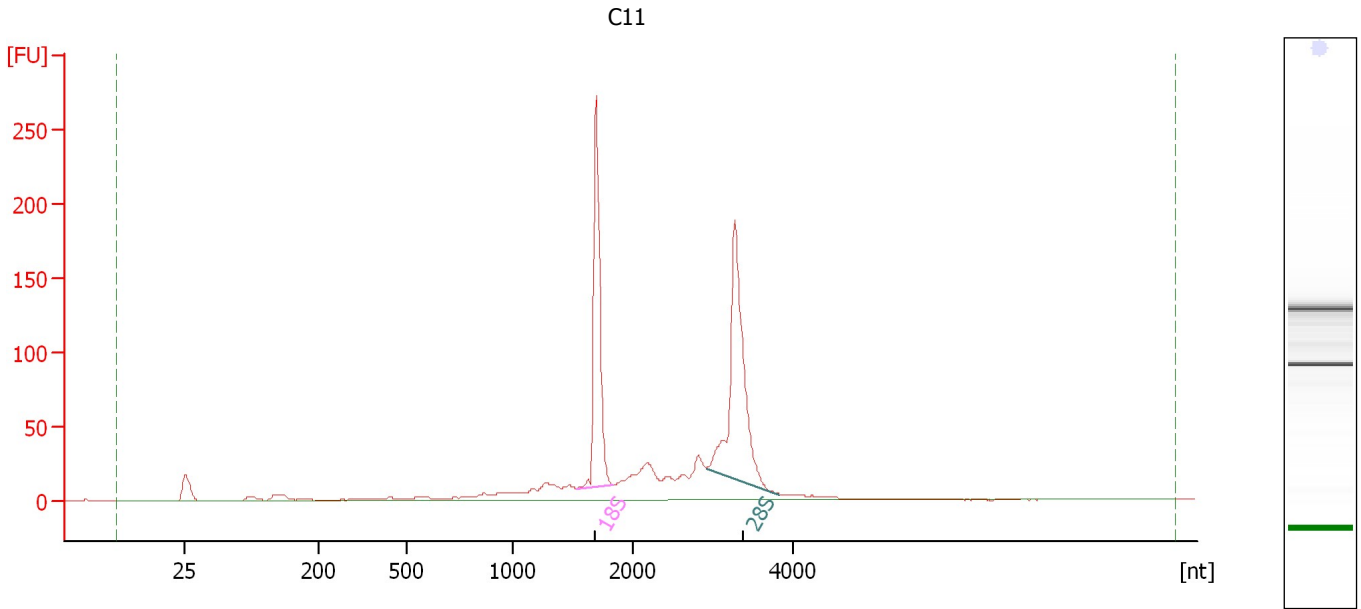
Fragment table for sample 10 : C10

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,656	1,858	133.3	23.1
28S	2,954	3,764	173.8	30.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : C11

RNA Area: 922.7 RNA Integrity Number (RIN): 9 (B.02.08)
RNA Concentration: 669 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN:9

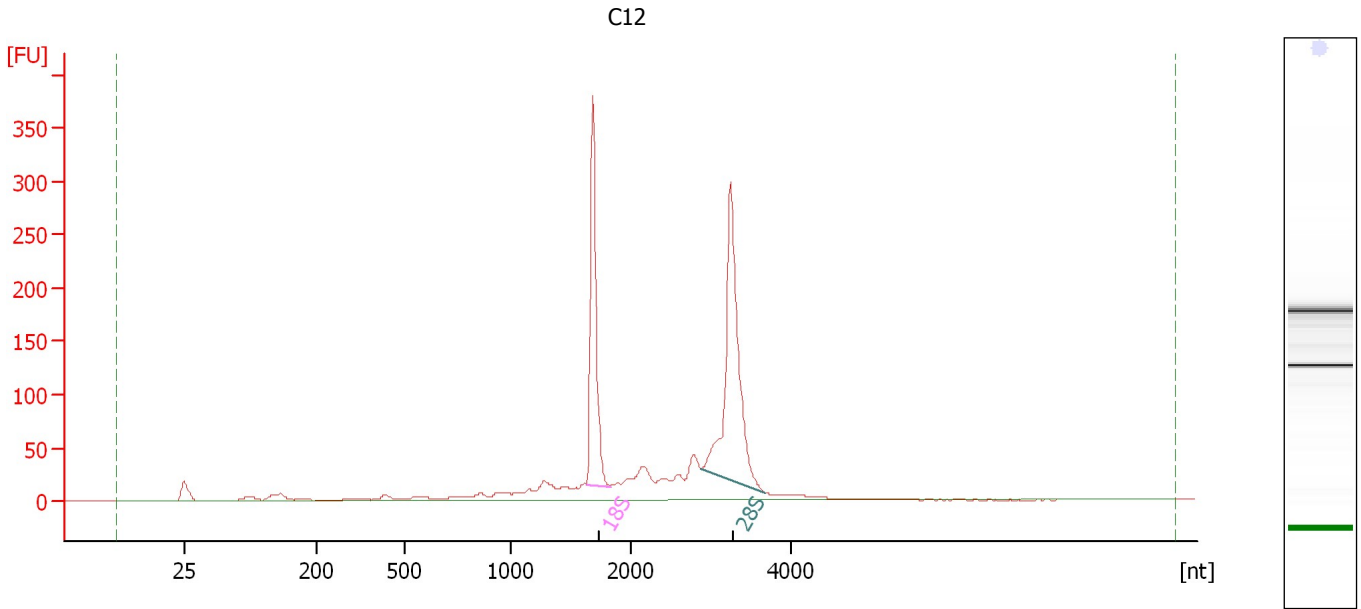
Fragment table for sample 11 : C11

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,538	1,839	201.6	21.8
28S	2,916	3,823	258.4	28.0

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

Electropherogram Summary Continued ...



Overall Results for sample 12 : C12

RNA Area: 1,276.5 RNA Integrity Number (RIN): 8.9 (B.02.08)
RNA Concentration: 926 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.4 Result Flagging Label: RIN: 8.90

Fragment table for sample 12 : C12

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,625	1,829	277.0	21.7
28S	2,877	3,679	396.8	31.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-15\2018-03-15_004.xad

Created: 3/15/2018 3:25:08 PM
Modified: 3/15/2018 3:48:14 PM

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