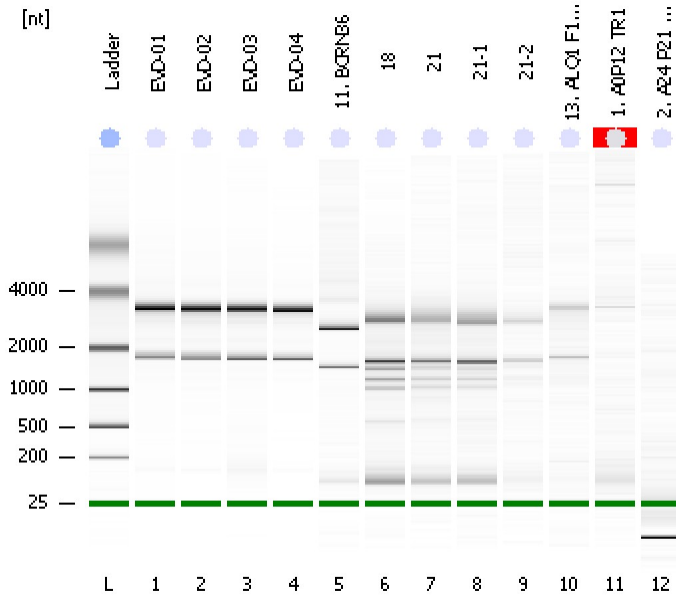


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electrophoresis File Run Summary



Instrument Information:

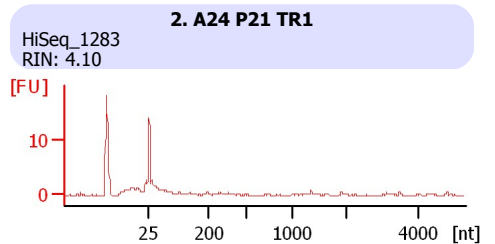
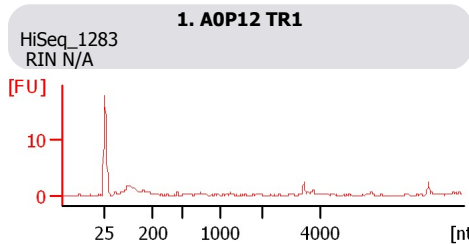
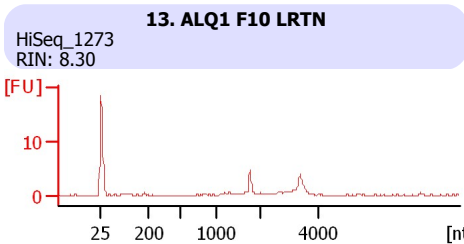
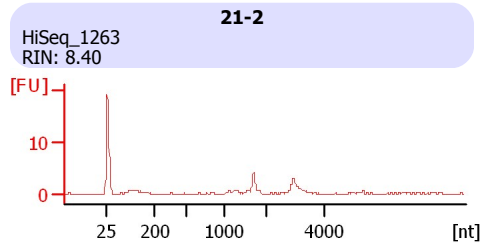
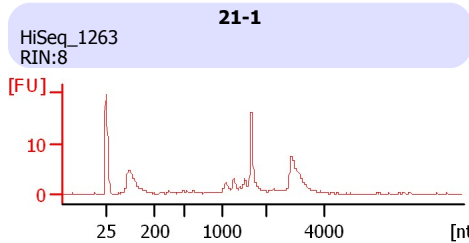
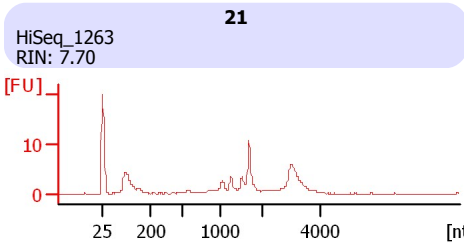
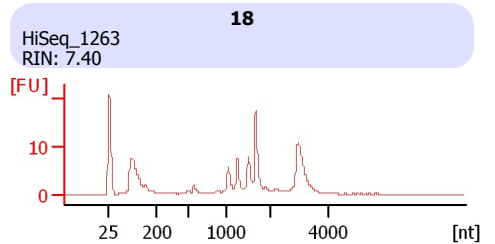
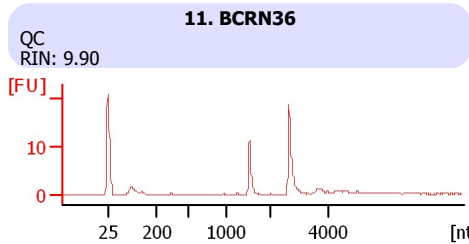
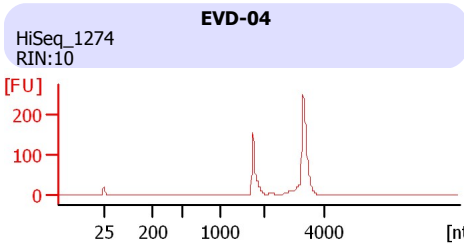
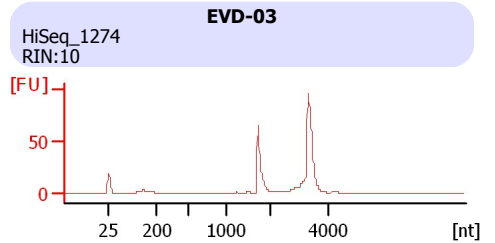
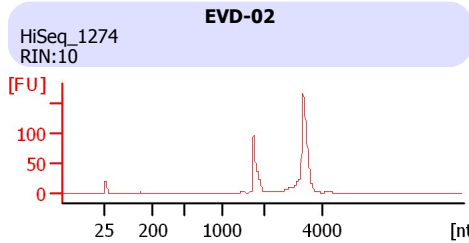
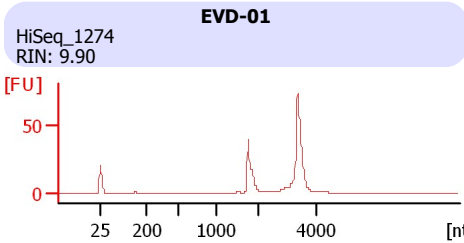
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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:



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
EVD-01	HiSeq_1274	✓	RIN: 9.90	
EVD-02	HiSeq_1274	✓	RIN:10	
EVD-03	HiSeq_1274	✓	RIN:10	
EVD-04	HiSeq_1274	✓	RIN:10	
11. BCRN36	QC	✓	RIN: 9.90	
18	HiSeq_1263	✓	RIN: 7.40	
21	HiSeq_1263	✓	RIN: 7.70	
21-1	HiSeq_1263	✓	RIN:8	
21-2	HiSeq_1263	✓	RIN: 8.40	
13. ALQ1 F10 LRTN	HiSeq_1273	✓	RIN: 8.30	
1. AOP12 TR1	HiSeq_1283	✓	RIN N/A	
2. A24 P21 TR1	HiSeq_1283	✓	RIN: 4.10	
Ladder		✓	All Other Samples	

Chip Lot #

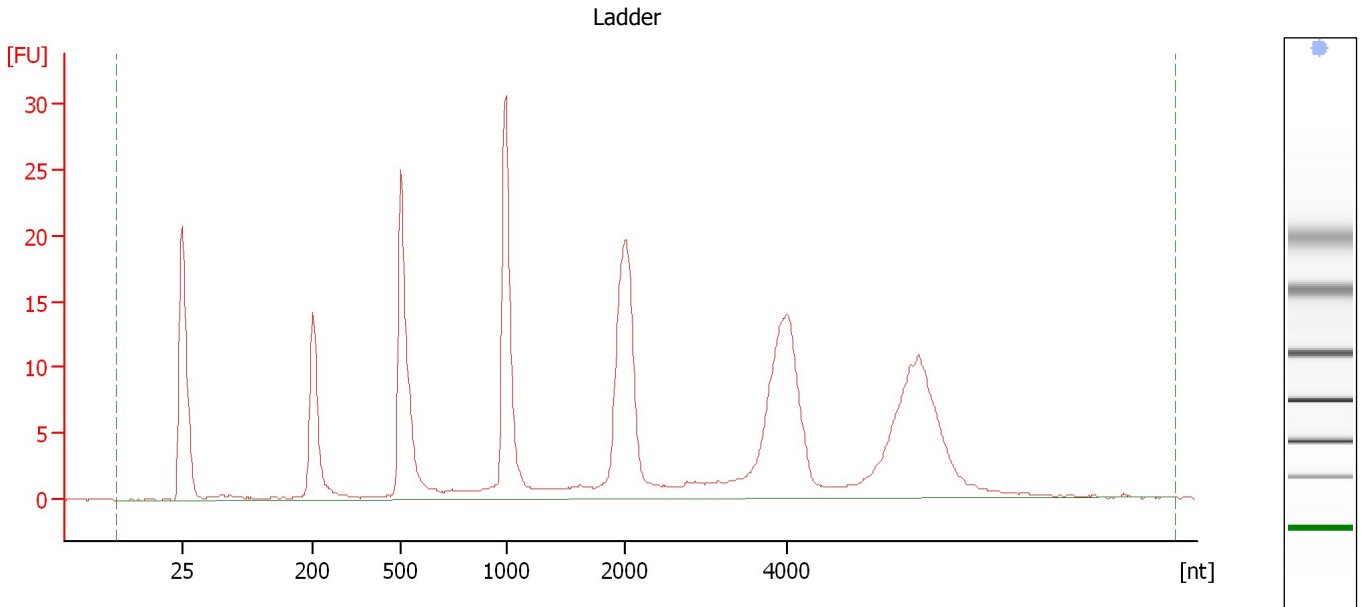
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary



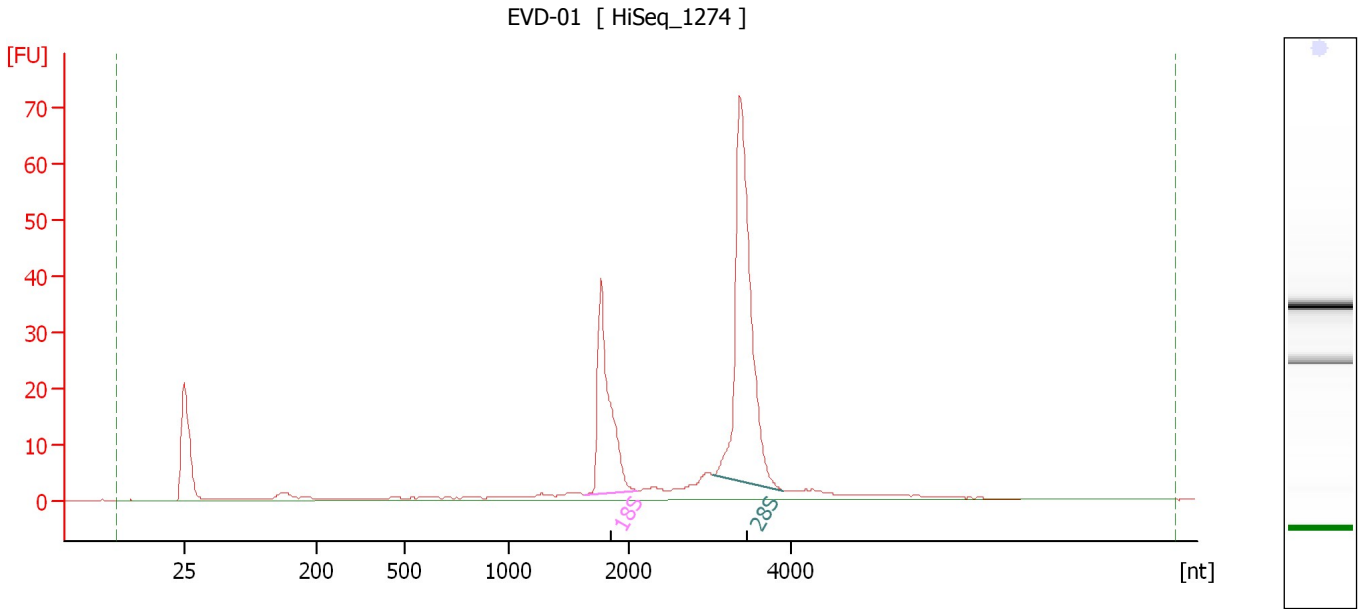
Overall Results for Ladder

RNA Area:	262.6	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\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : EVD-01

RNA Area:	255.8	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	146 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.1	Result Flagging Label:	RIN: 9.90

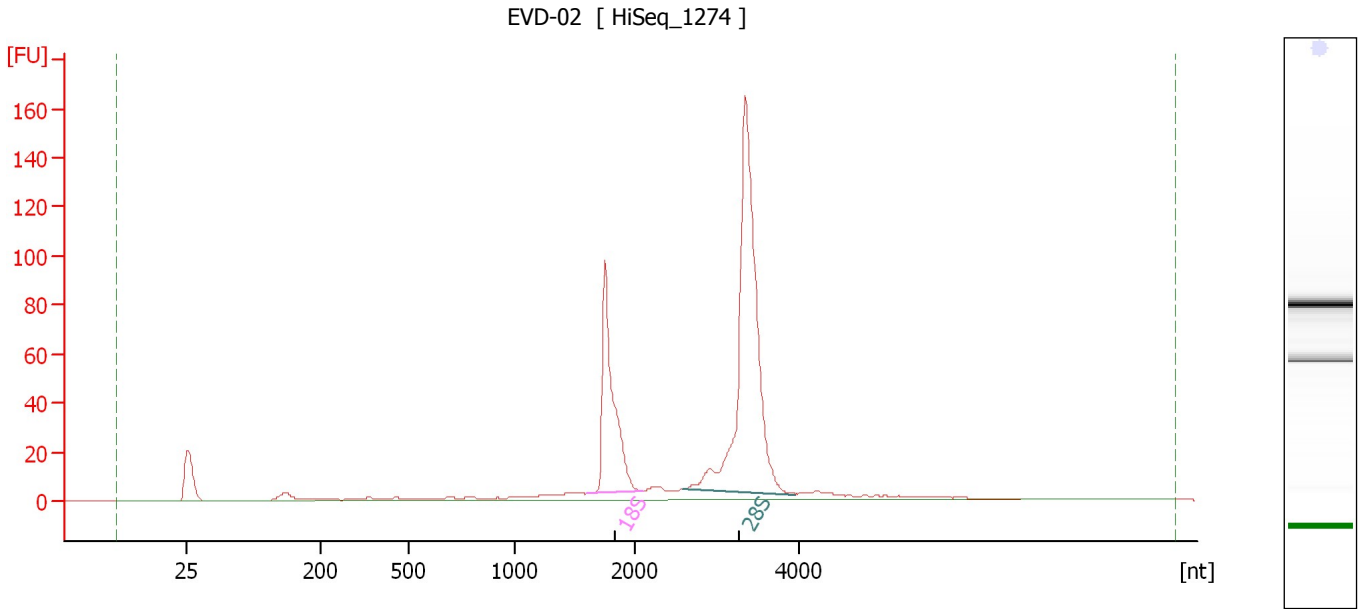
Fragment table for sample 1 : EVD-01

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,619	2,094	55.1	21.5
28S	3,030	3,887	114.1	44.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : EVD-02

RNA Area: 597.0 RNA Integrity Number (RIN): 10 (B.02.08)
RNA Concentration: 341 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.4 Result Flagging Label: RIN:10

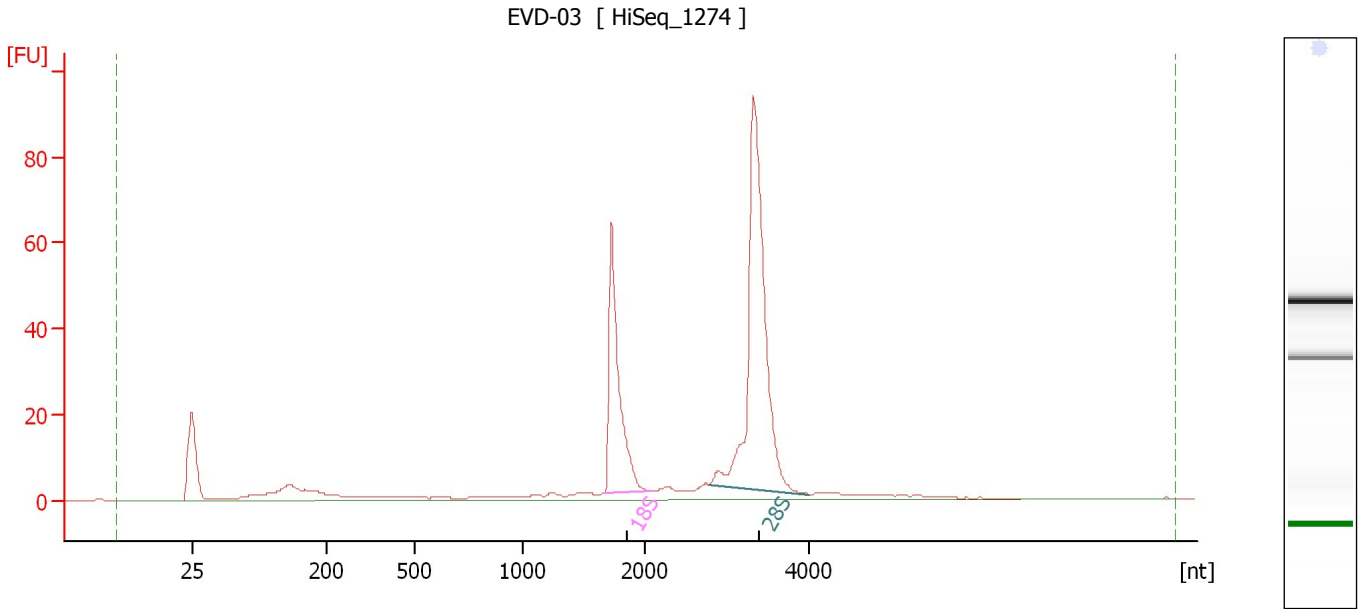
Fragment table for sample 2 : EVD-02

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,588	2,083	129.9	21.8
28S	2,568	3,957	305.5	51.2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : EVD-03

RNA Area: 351.0 RNA Integrity Number (RIN): 10 (B.02.08)
RNA Concentration: 200 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.1 Result Flagging Label: RIN:10

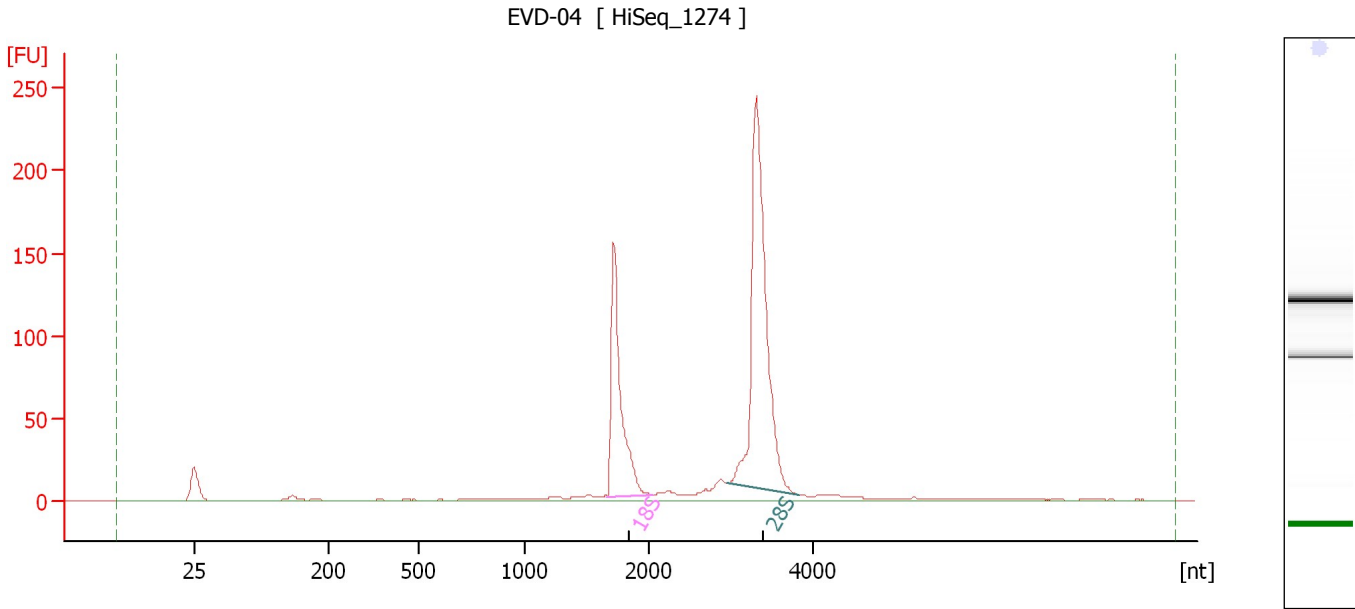
Fragment table for sample 3 : EVD-03

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,673	2,087	75.9	21.6
28S	2,788	4,009	160.2	45.7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : EVD-04

RNA Area:	717.7	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	410 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.0	Result Flagging Label:	RIN:10

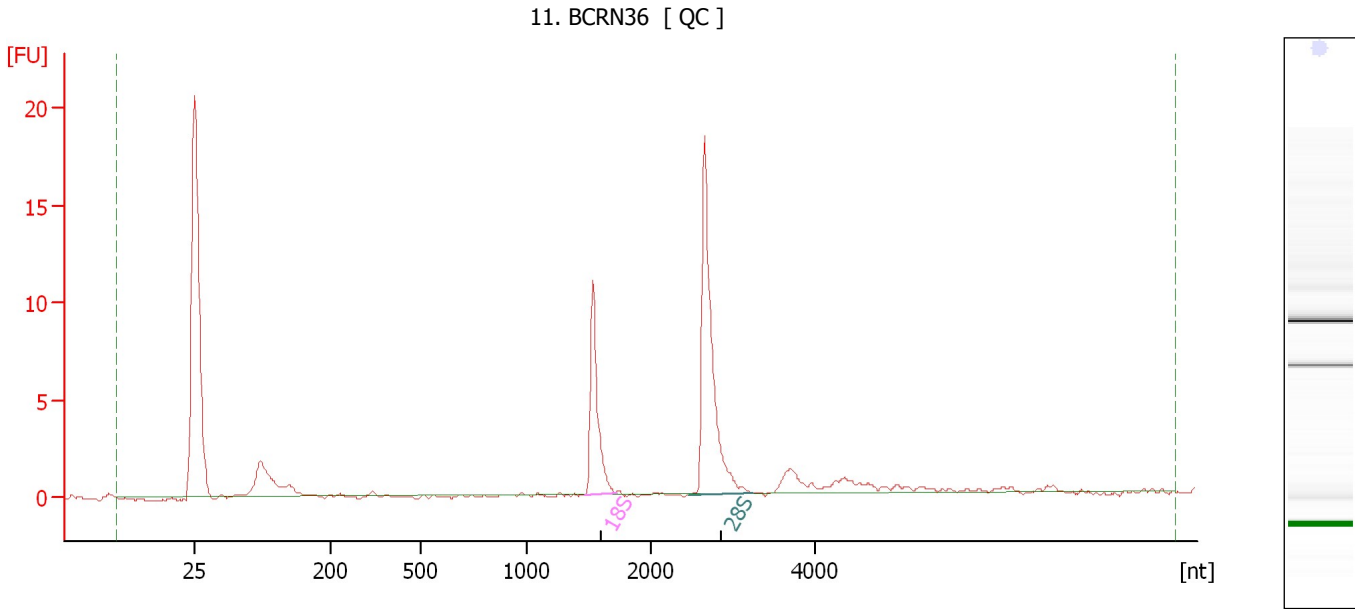
Fragment table for sample 4 : EVD-04

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,667	2,063	176.9	24.7
28S	2,955	3,821	362.1	50.5

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 11. BCRN36

RNA Area:	47.6	RNA Integrity Number (RIN):	9.9 (B.02.08)
RNA Concentration:	27 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.0	Result Flagging Label:	RIN: 9.90

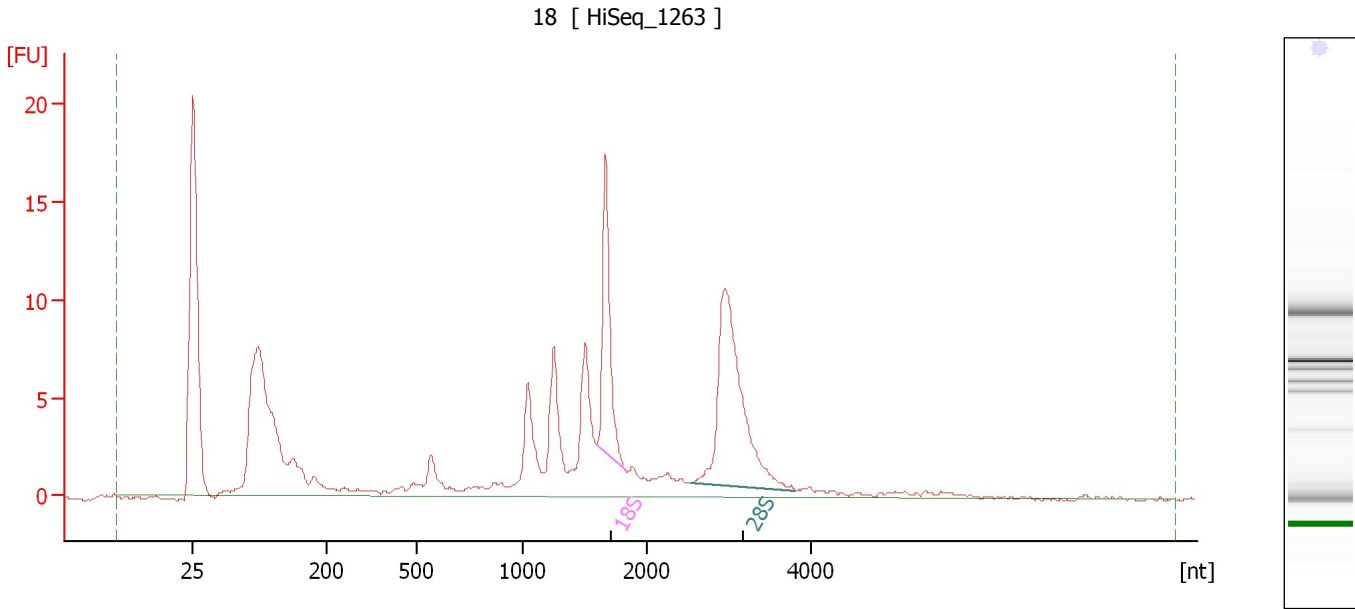
Fragment table for sample 5 : 11. BCRN36

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,460	1,721	10.2	21.5
28S	2,476	3,250	20.9	43.9

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
 Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 18

RNA Area:	147.0	RNA Integrity Number (RIN):	7.4 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	84 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 7.40

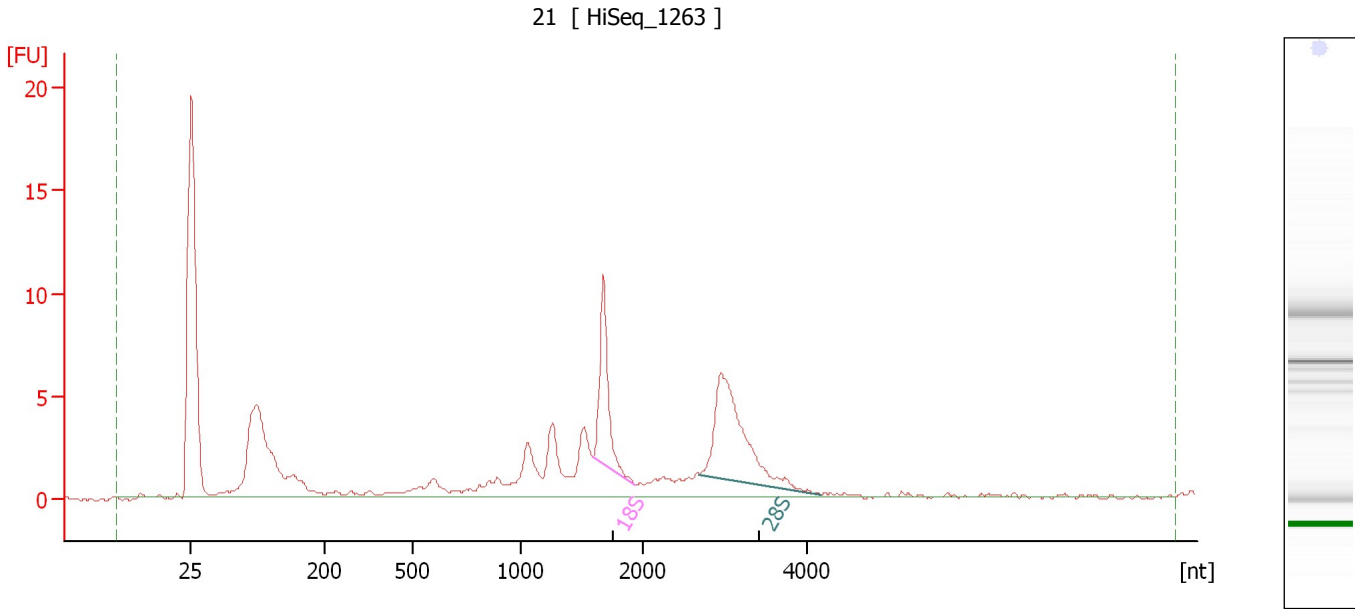
Fragment table for sample 6 : 18

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,596	1,841	14.4	9.8
28S	2,554	3,811	26.6	18.1

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 21

RNA Area:	99.0	RNA Integrity Number (RIN):	7.7 (B.02.08)
RNA Concentration:	57 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 7.70

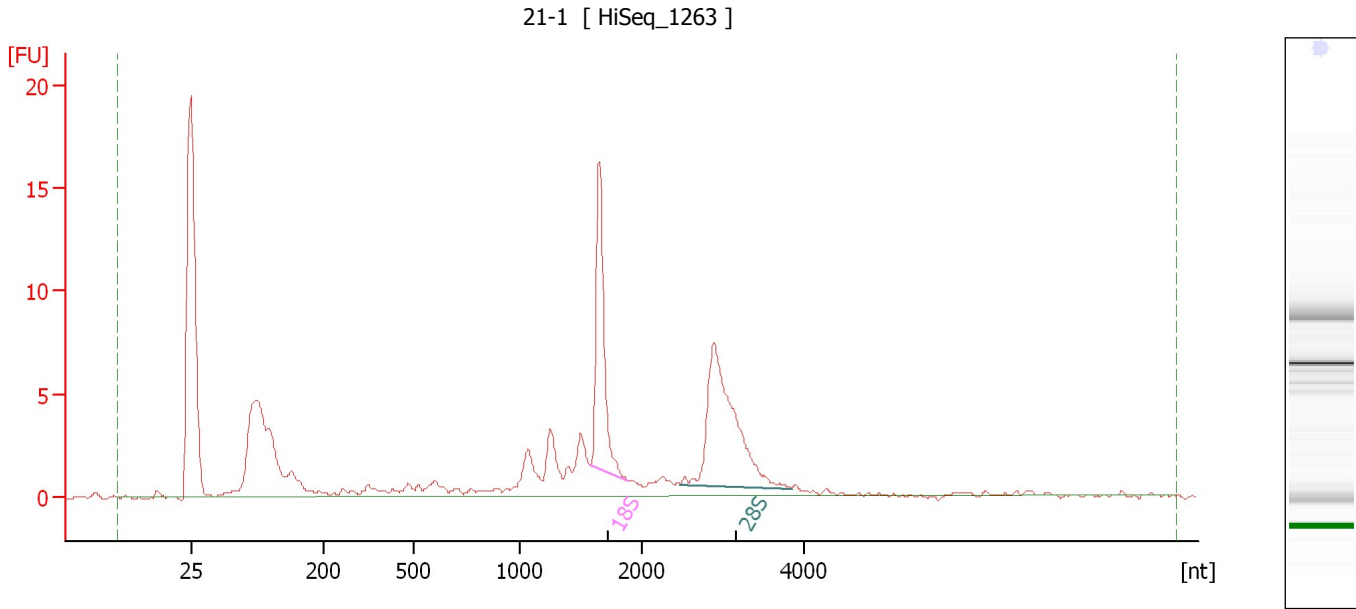
Fragment table for sample 7 : 21

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,593	1,944	9.7	9.8
28S	2,698	4,181	17.1	17.2

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 21-1

RNA Area:	101.4	RNA Integrity Number (RIN):	8 (B.02.08)
RNA Concentration:	58 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN:8

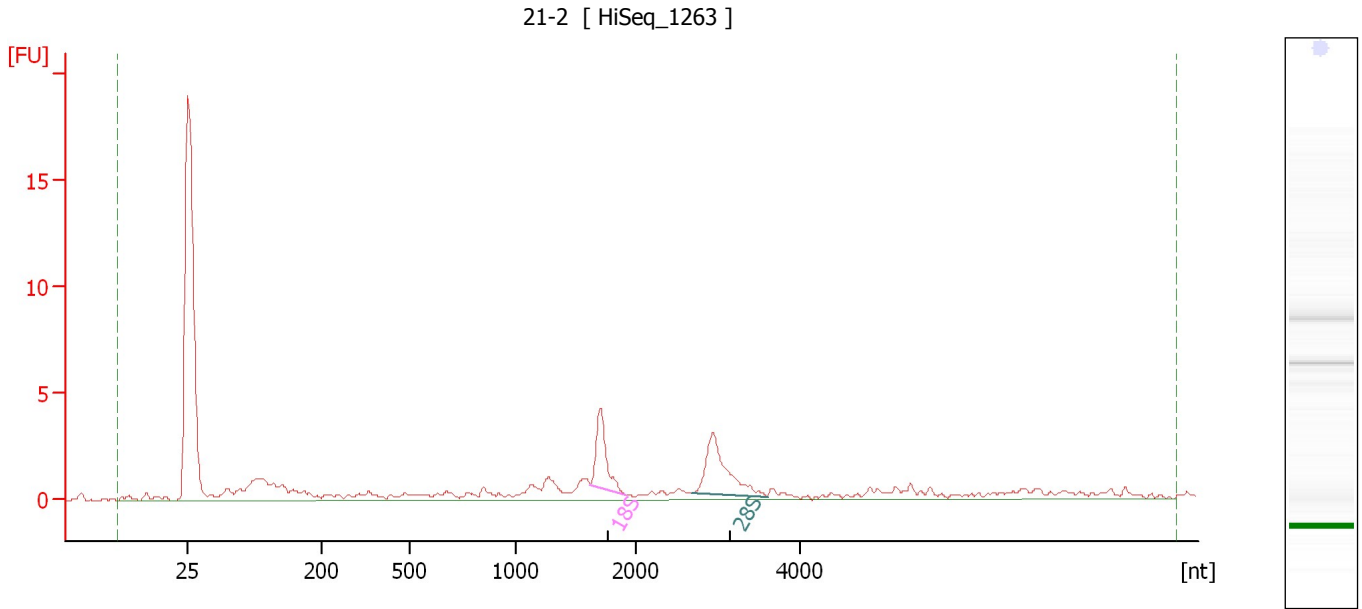
Fragment table for sample 8 : 21-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,582	1,899	14.5	14.3
28S	2,476	3,833	20.8	20.5

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 21-2

RNA Area:	49.6	RNA Integrity Number (RIN):	8.4 (B.02.08)
RNA Concentration:	28 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN: 8.40

Fragment table for sample 9 : 21-2

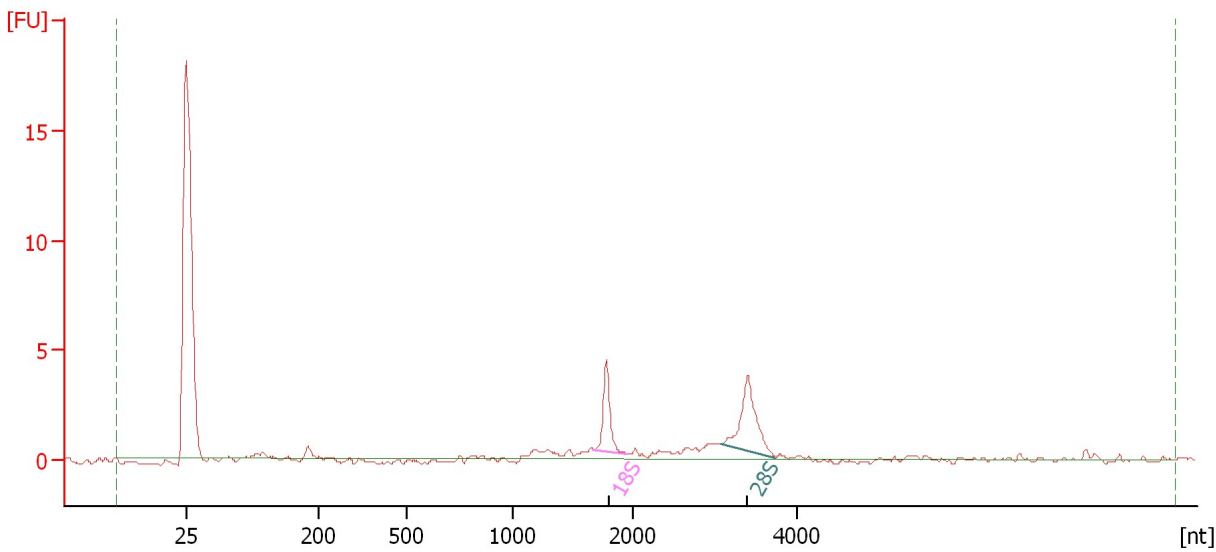
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,614	1,906	4.7	9.4
28S	2,673	3,603	6.7	13.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...

13. ALQ1 F10 LRTN [HiSeq_1273]



Overall Results for sample 10 : 13. ALQ1 F10 LRTN

RNA Area: 20.4 RNA Integrity Number (RIN): 8.3 (B.02.08)
RNA Concentration: 12 ng/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.5 Result Flagging Label: RIN: 8.30

Fragment table for sample 10 : 13. ALQ1 F10 LRTN

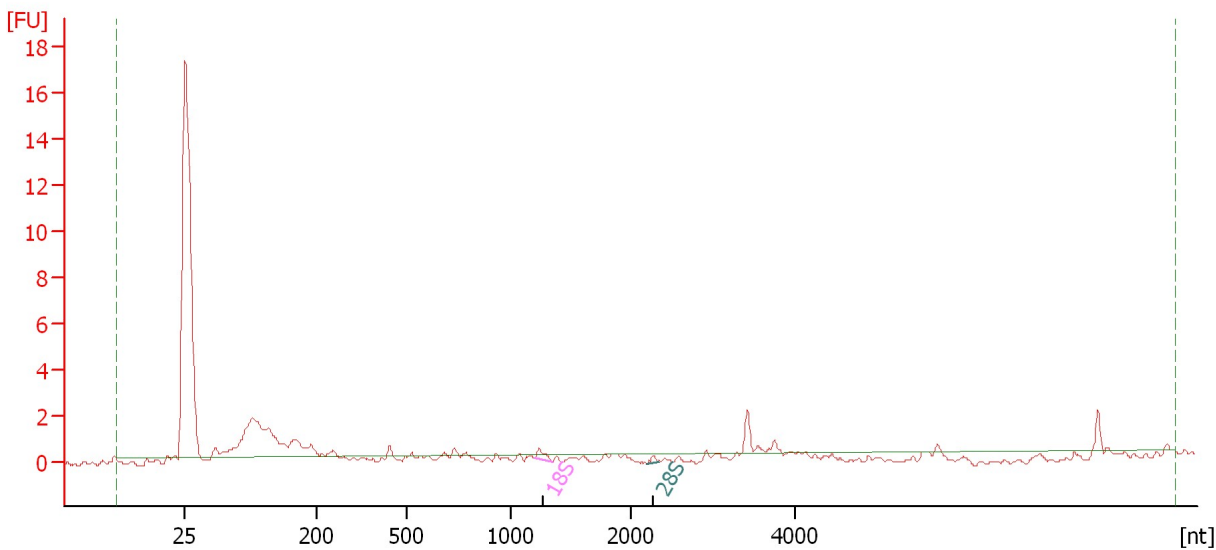
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,666	1,949	3.7	18.0
28S	3,080	3,737	5.6	27.5

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
 Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...

1. A0P12 TR1 [HiSeq_1283]



Overall Results for sample 11 : 1. A0P12 TR1

RNA Area:	17.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	10 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.4	Result Flagging Label:	RIN N/A

Fragment table for sample 11 : 1. A0P12 TR1

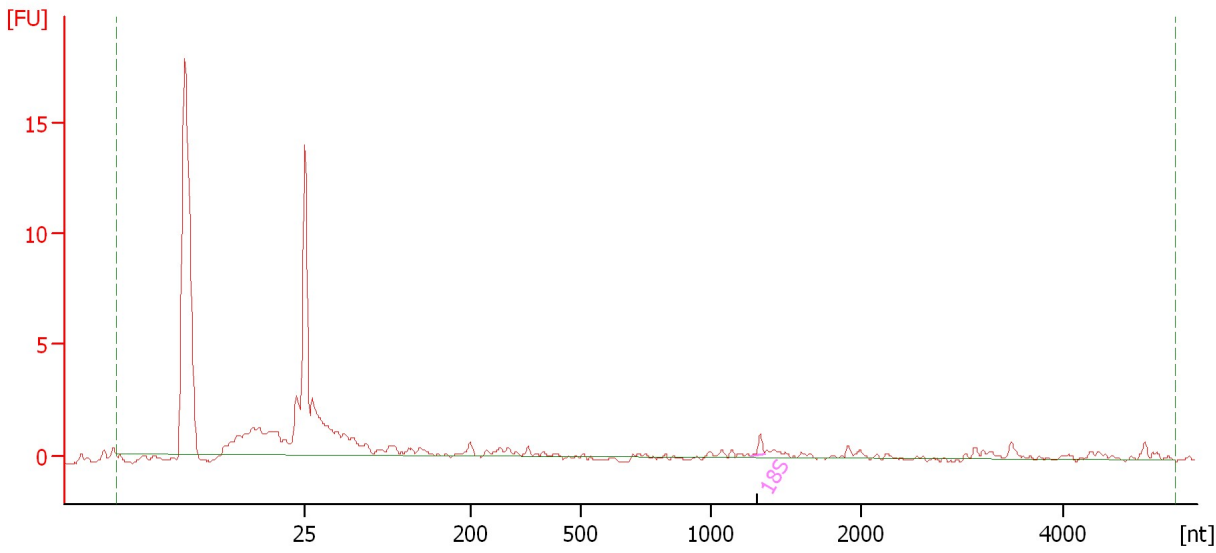
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,194	1,336	0.5	2.8
28S	2,187	2,332	0.2	1.0

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Electropherogram Summary Continued ...

2. A24 P21 TR1 [HiSeq_1283]



Overall Results for sample 12 : 2. A24 P21 TR1

RNA Area:	59.6	RNA Integrity Number (RIN):	4.1 (B.02.08)
RNA Concentration:	34 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 4.10

Fragment table for sample 12 : 2. A24 P21 TR1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,268	1,353	0.4	0.7

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2018-01-31\2018-01-31_002.xad

Created: 1/31/2018 2:00:58 PM
Modified: 1/31/2018 2:32:54 PM

Gel Image

