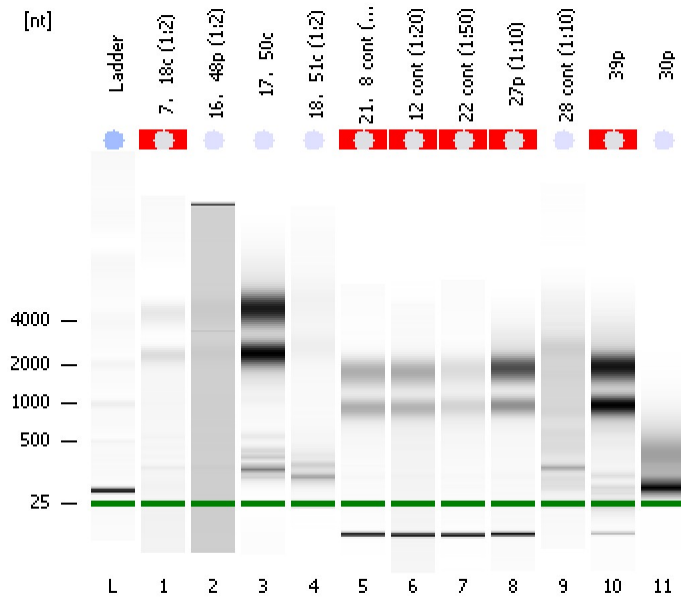


Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
 Modified: 3/26/2018 10:58:27 AM

Electrophoresis File Run Summary



Instrument Information:

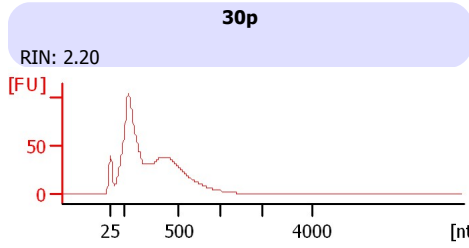
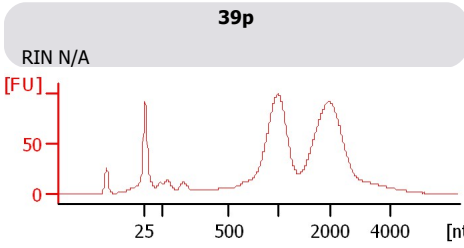
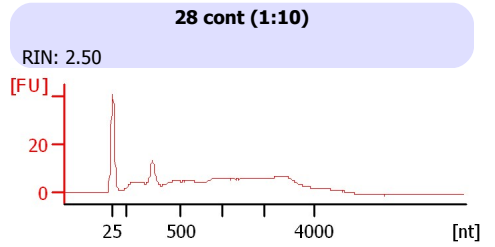
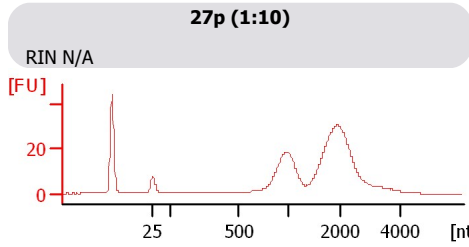
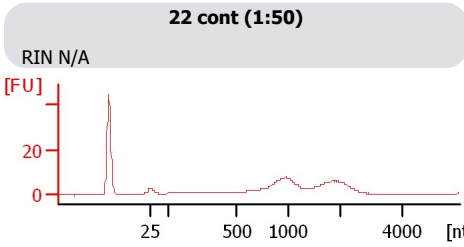
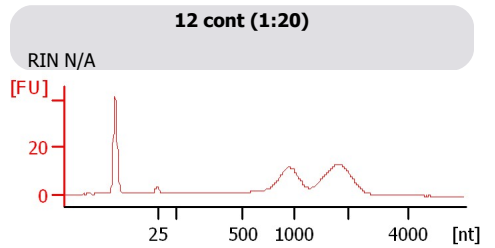
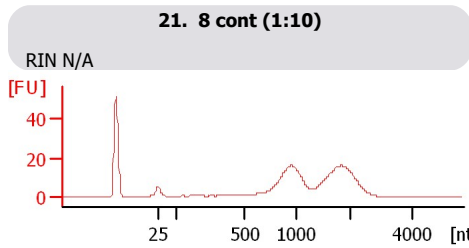
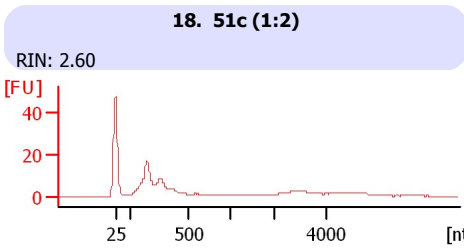
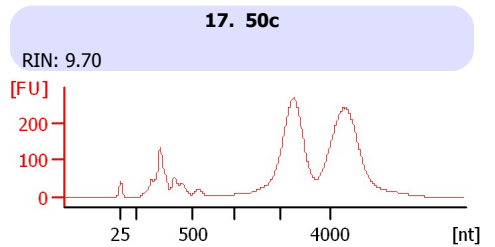
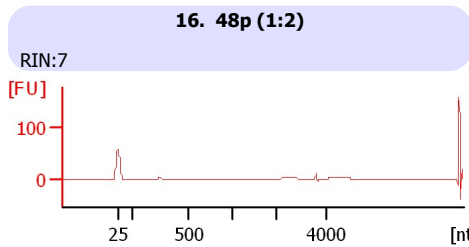
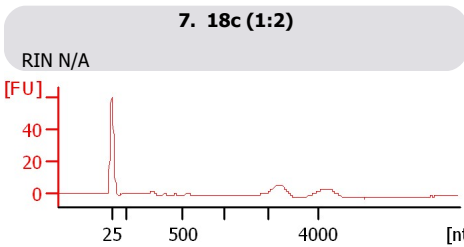
Instrument Name: DE34903152 Firmware: C.01.069
 Serial#: DE34903152 Type: G2938C

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)
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Chip Information:

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



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
Modified: 3/26/2018 10:58:27 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
7. 18c (1:2)		✓	RIN N/A	
16. 48p (1:2)		✓	RIN:7	
17. 50c		✓	RIN: 9.70	
18. 51c (1:2)		✓	RIN: 2.60	
21. 8 cont (1:10)		✓	RIN N/A	
12 cont (1:20)		✓	RIN N/A	
22 cont (1:50)		✓	RIN N/A	
27p (1:10)		✓	RIN N/A	
28 cont (1:10)		✓	RIN: 2.50	
39p		✓	RIN N/A	
30p		✓	RIN: 2.20	
Ladder		✓	All Other Samples	

Chip Lot #

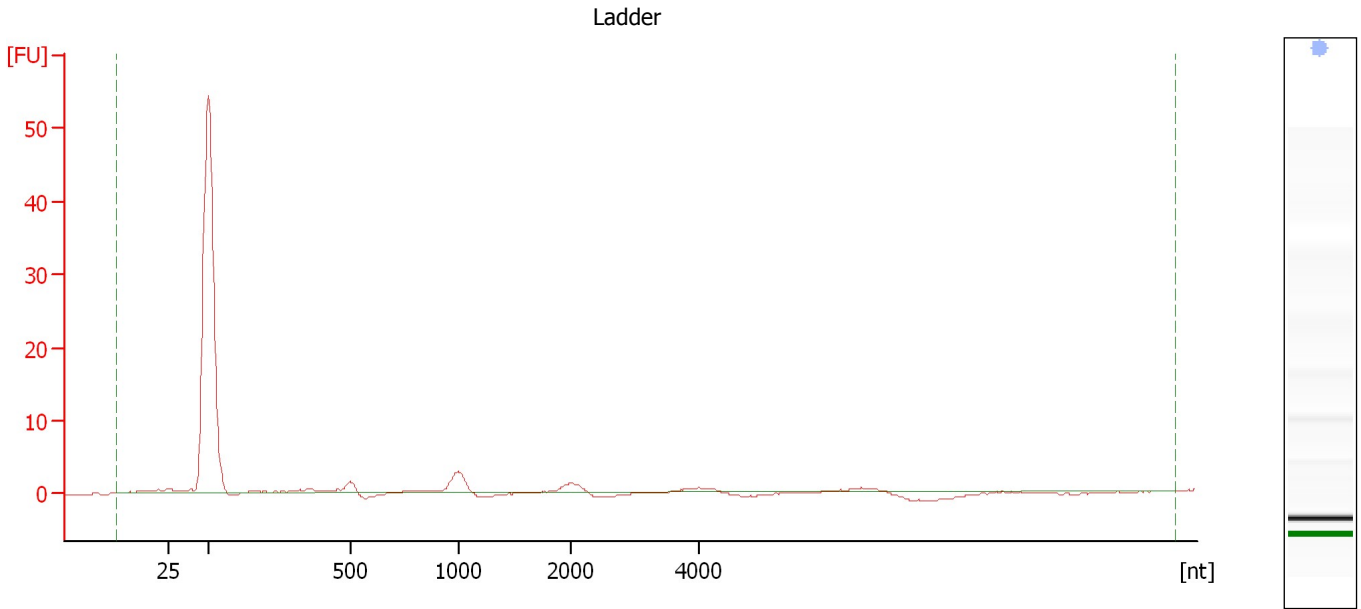
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
Modified: 3/26/2018 10:58:27 AM

Electropherogram Summary



Overall Results for Ladder

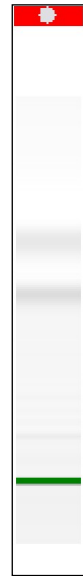
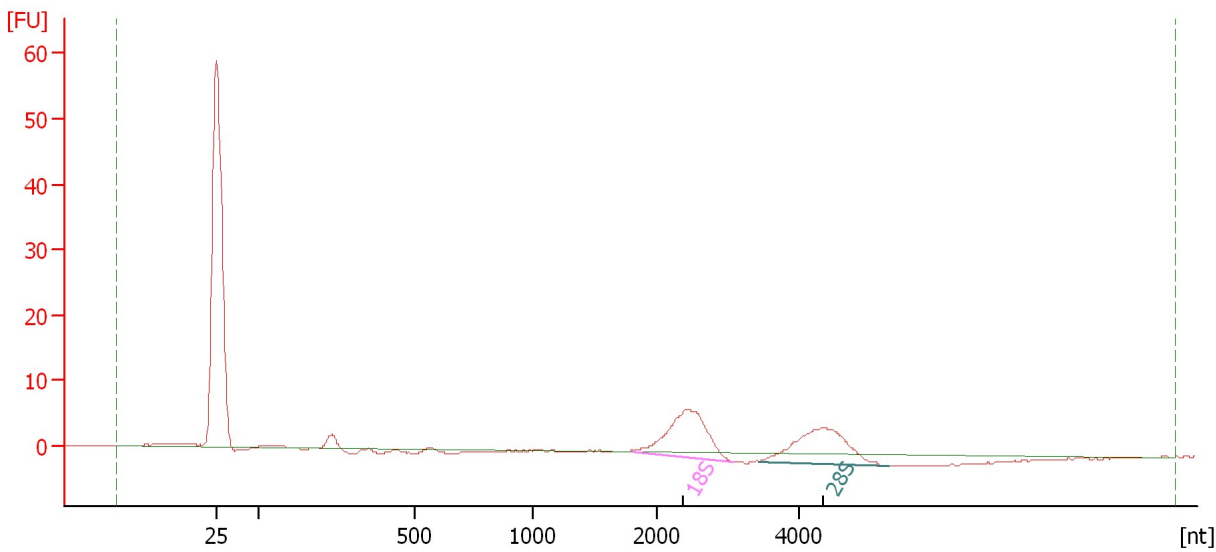
RNA Area:	148.7	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
Modified: 3/26/2018 10:58:27 AM

Electropherogram Summary Continued ...

7. 18c (1:2)



Overall Results for sample 1 : 7. 18c (1:2)

RNA Area: 50.8 RNA Integrity Number (RIN): N/A (B.02.08)
RNA Concentration: 342 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.9 Result Flagging Label: RIN N/A

Fragment table for sample 1 : 7. 18c (1:2)

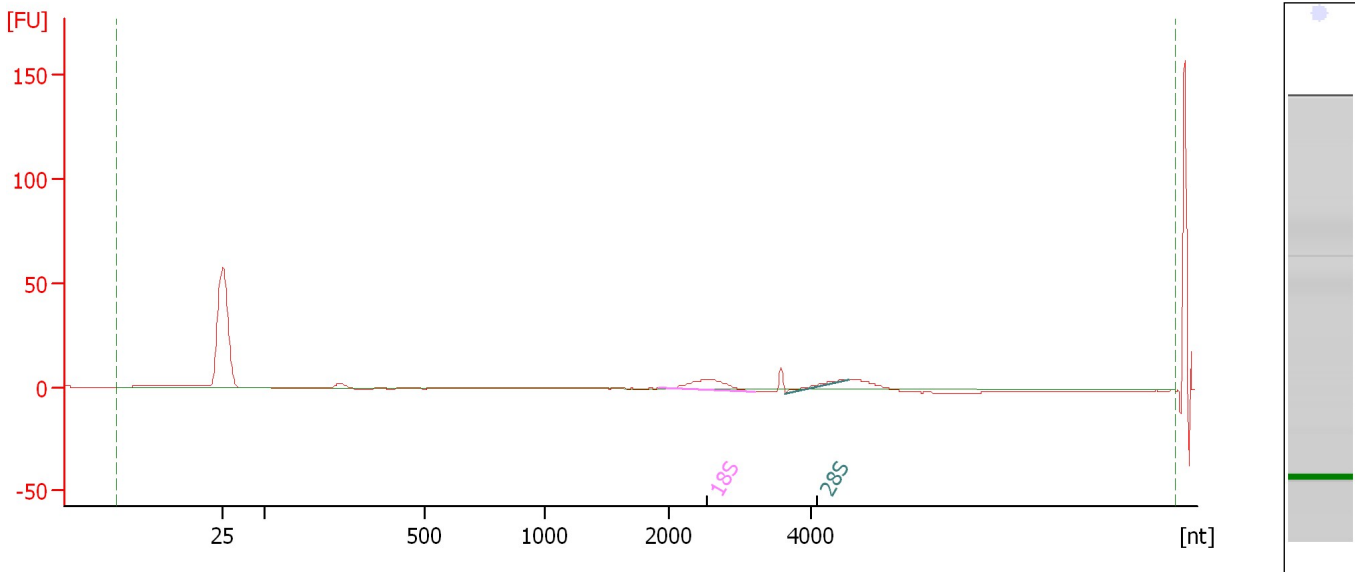
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,804	3,081	33.0	65.0
28S	3,445	5,293	29.4	57.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
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Electropherogram Summary Continued ...

16. 48p (1:2)



Overall Results for sample 2 : 16. 48p (1:2)

RNA Area: 56.0 RNA Integrity Number (RIN): 7 (B.02.08)
RNA Concentration: 376 µg/µl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.2 Result Flagging Label: RIN:7

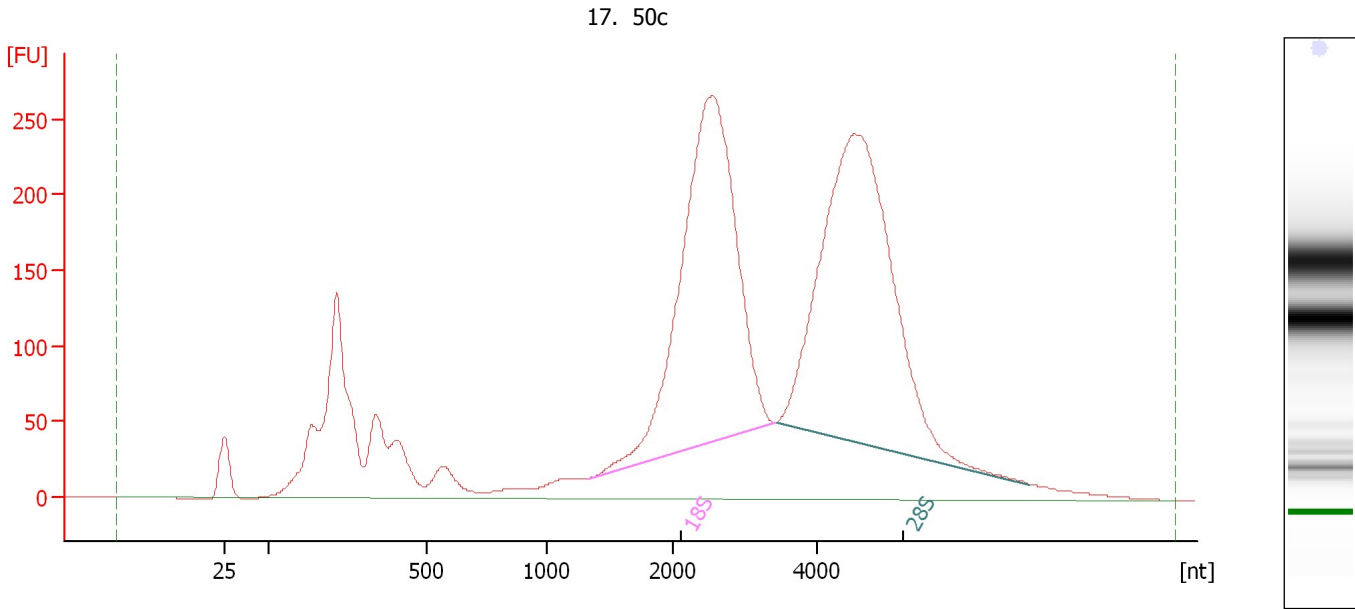
Fragment table for sample 2 : 16. 48p (1:2)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,925	3,201	22.7	40.6
28S	3,635	4,518	4.7	8.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
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Electropherogram Summary Continued ...



Overall Results for sample 3 : 17. 50c

RNA Area: 5,339.2 RNA Integrity Number (RIN): 9.7 (B.02.08)
RNA Concentration: 35,898 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.0 Result Flagging Label: RIN: 9.70

Fragment table for sample 3 : 17. 50c

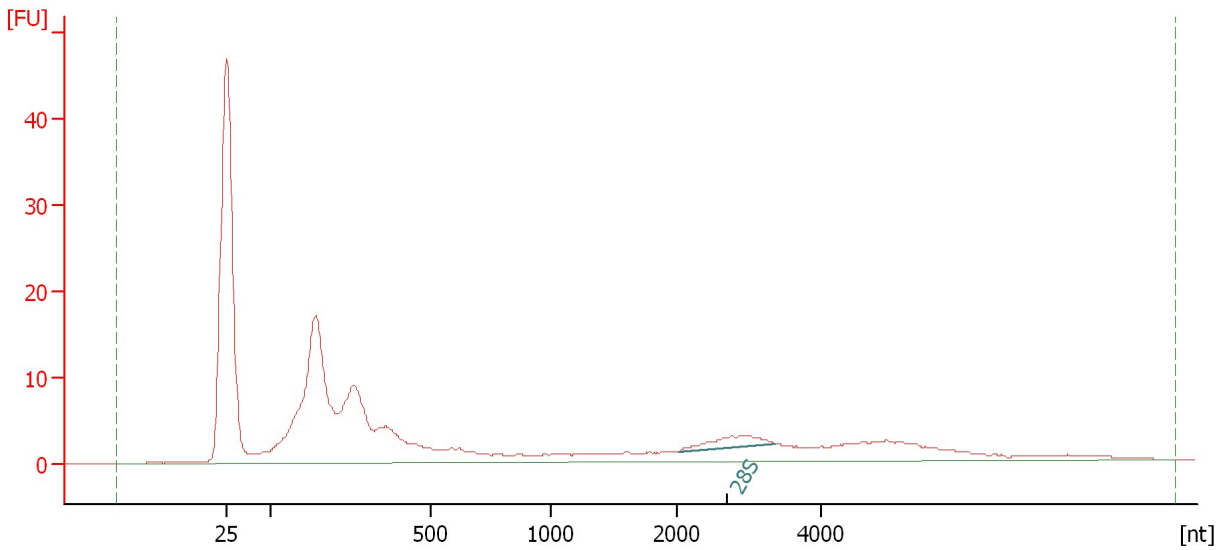
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,332	3,424	1,462.3	27.4
28S	3,454	6,955	1,469.2	27.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
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Electropherogram Summary Continued ...

18. 51c (1:2)



Overall Results for sample 4 : 18. 51c (1:2)

RNA Area:	244.8	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	1,646 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Fragment table for sample 4 : 18. 51c (1:2)

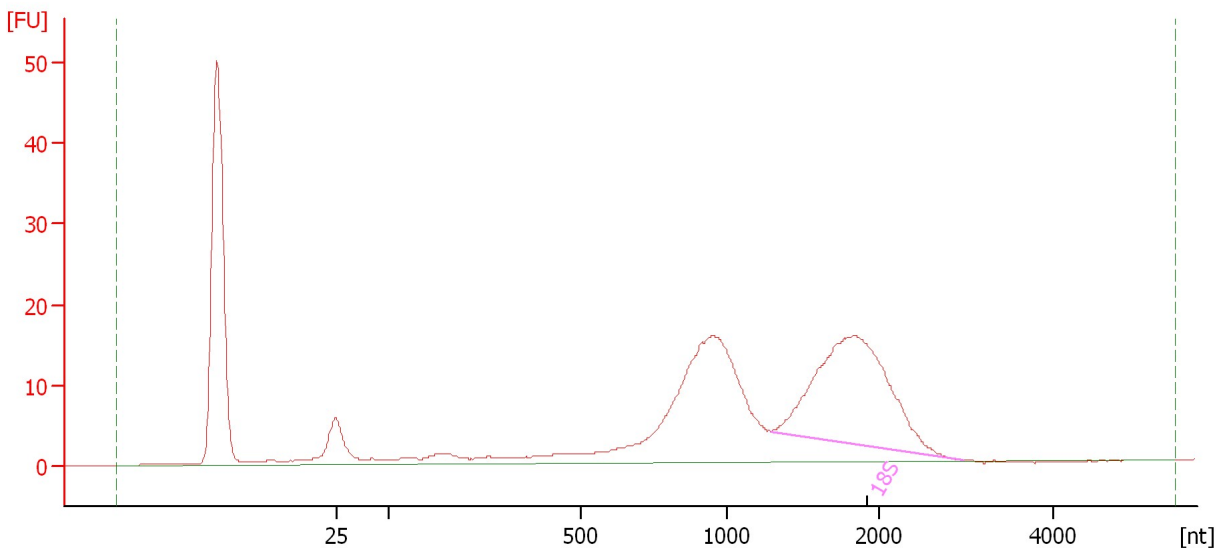
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	2,027	3,363	6.6	2.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
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Electropherogram Summary Continued ...

21. 8 cont (1:10)



Overall Results for sample 5 : 21. 8 cont (1:10)

RNA Area:	419.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2,821 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

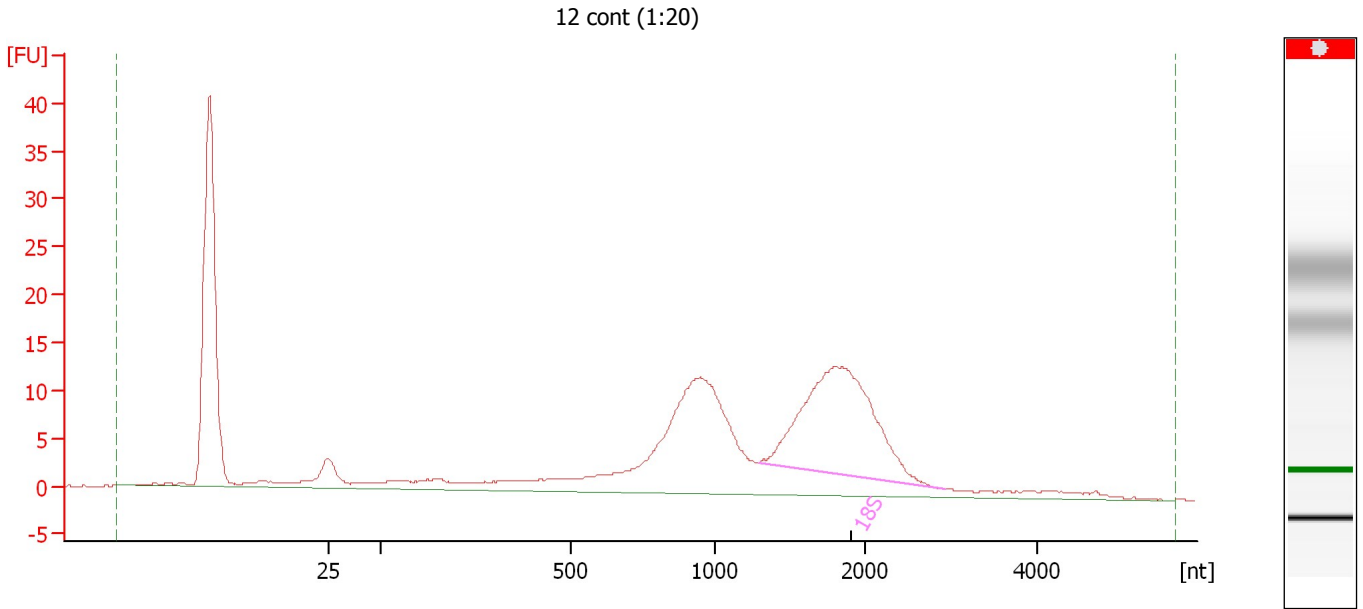
Fragment table for sample 5 : 21. 8 cont (1:10)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,288	2,955	99.2	23.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
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Electropherogram Summary Continued ...



Overall Results for sample 6 : 12 cont (1:20)

RNA Area:	371.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2,497 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 6 : 12 cont (1:20)

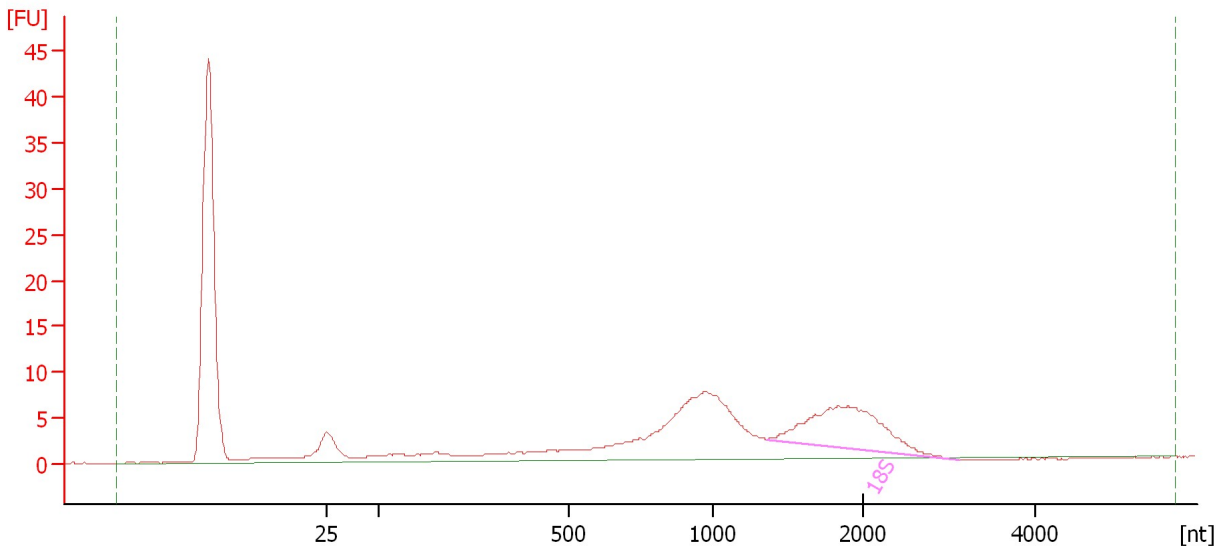
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,286	2,929	83.2	22.4

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
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Electropherogram Summary Continued ...

22 cont (1:50)



Overall Results for sample 7 : 22 cont (1:50)

RNA Area:	266.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1,789 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

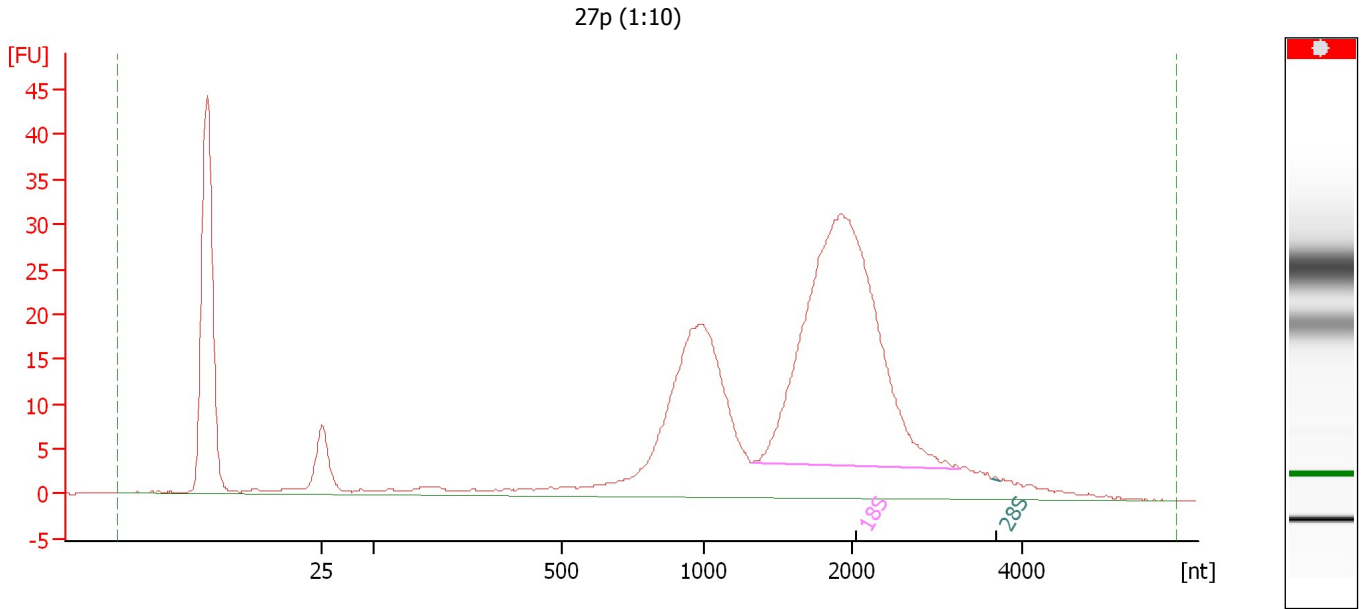
Fragment table for sample 7 : 22 cont (1:50)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,363	3,116	34.4	12.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : 27p (1:10)

RNA Area:	573.3	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3,855 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

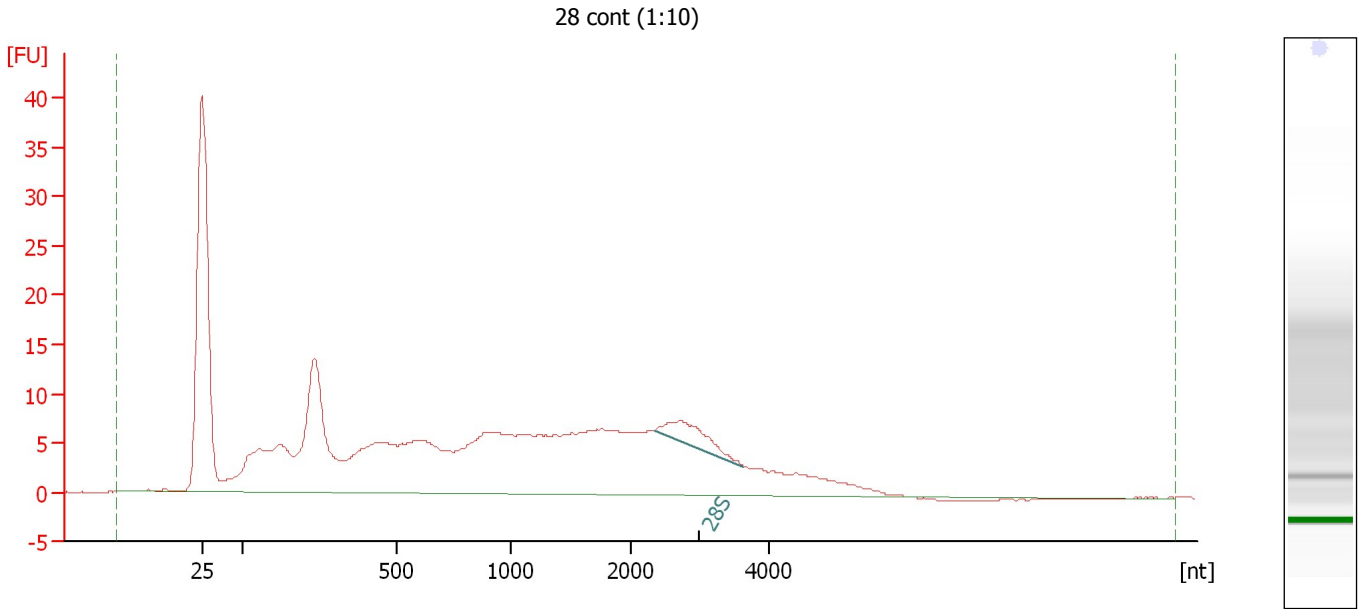
Fragment table for sample 8 : 27p (1:10)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,321	3,280	206.4	36.0
28S	3,645	3,734	0.1	0.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
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Electropherogram Summary Continued ...



Overall Results for sample 9 : 28 cont (1:10)

RNA Area:	388.6	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	2,613 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

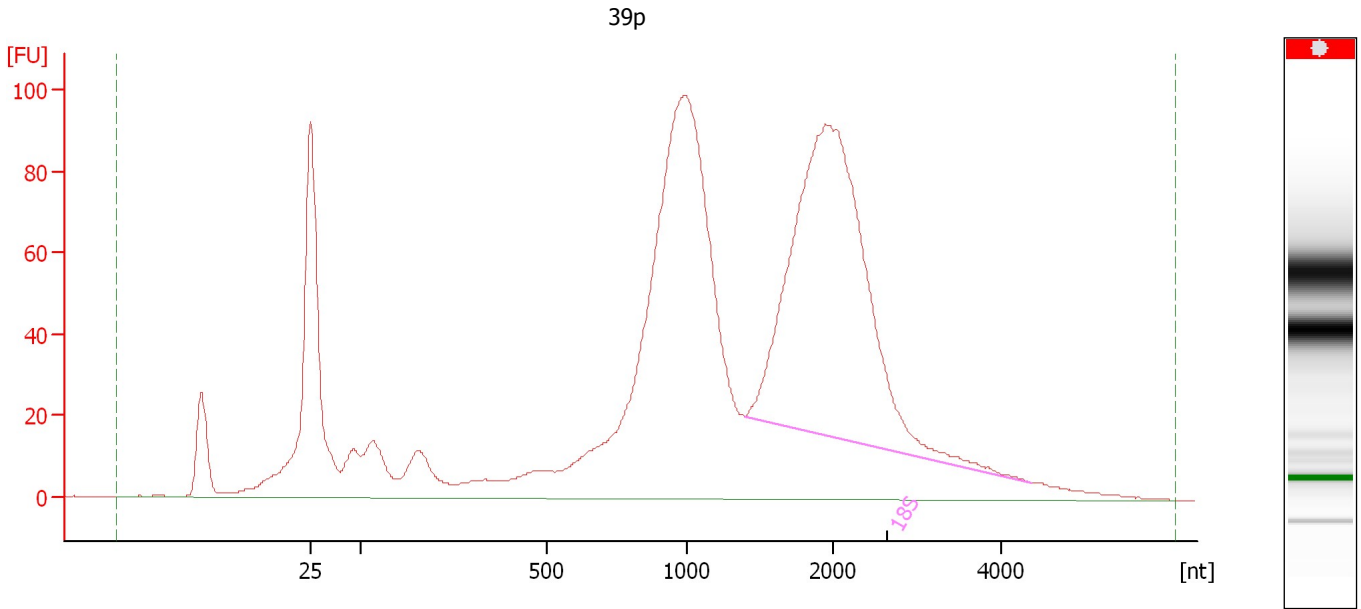
Fragment table for sample 9 : 28 cont (1:10)

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	2,335	3,627	10.2	2.6


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
Modified: 3/26/2018 10:58:27 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 39p

RNA Area:	1,976.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	13,286 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

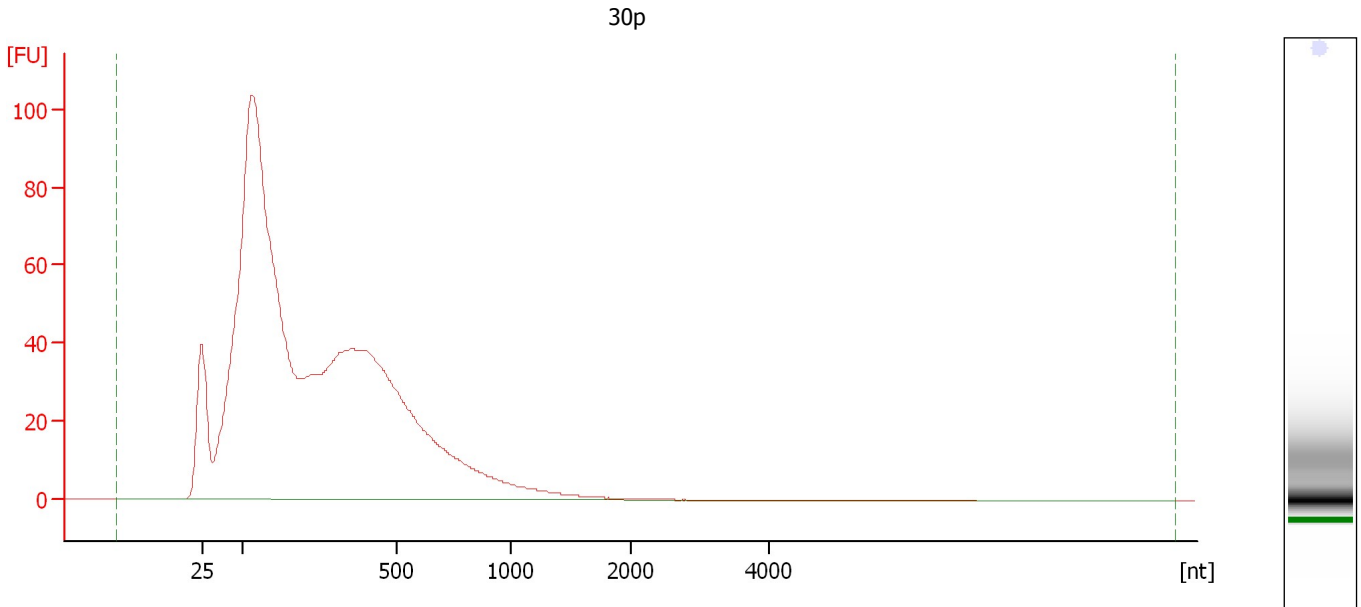
Fragment table for sample 10 : 39p

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,396	4,358	591.5	29.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
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Electropherogram Summary Continued ...



Overall Results for sample 11 : 30p

RNA Area:	1,572.0	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	10,570 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26_001.xad

Created: 3/26/2018 9:47:10 AM
Modified: 3/26/2018 10:58:27 AM

Gel Image

