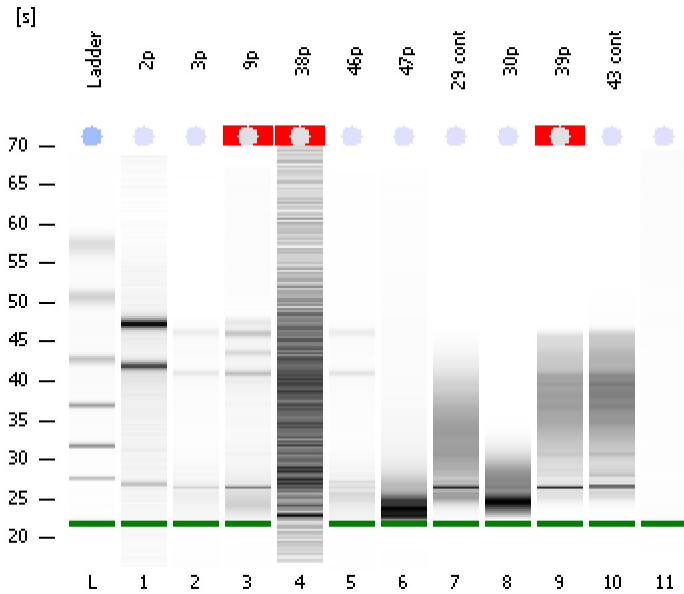


Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
 Modified: 3/26/2018 12:43:17 PM

**Electrophoresis File Run Summary**



Instrument Information:

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

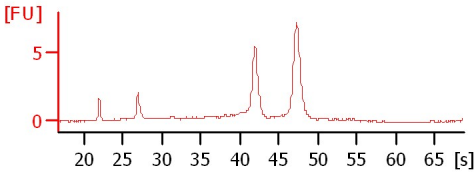
Assay Information:

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.

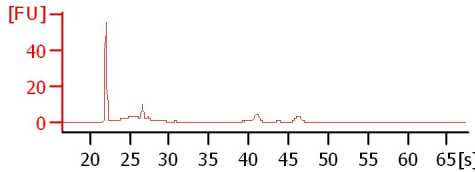
Chip Information:

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

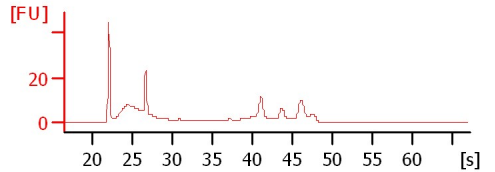
**2p**  
 after speedvac  
 RIN: 8.50



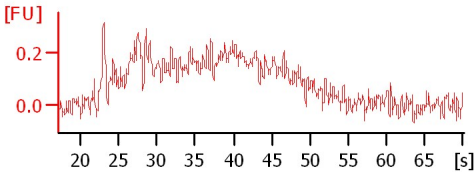
**3p**  
 after speedvac  
 RIN: 5.30



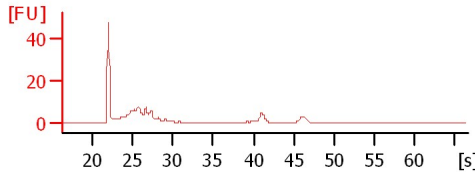
**9p**  
 after speedvac  
 RIN N/A



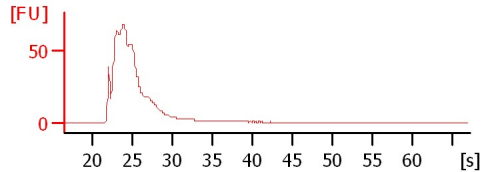
**38p**  
 after speedvac  
 RIN N/A



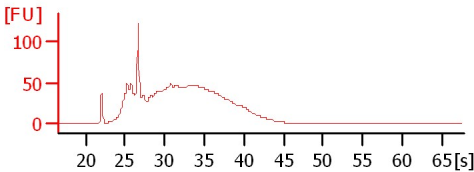
**46p**  
 after speedvac  
 RIN: 5.70



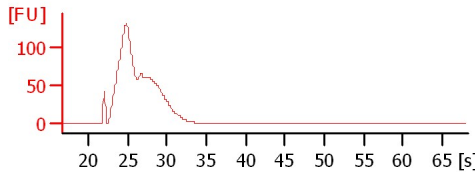
**47p**  
 after speedvac  
 RIN: 2.50



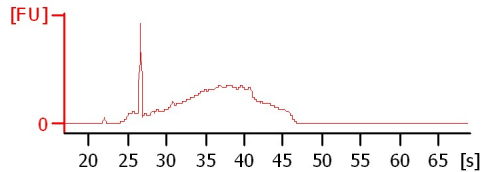
**29 cont**  
 RIN: 1.80



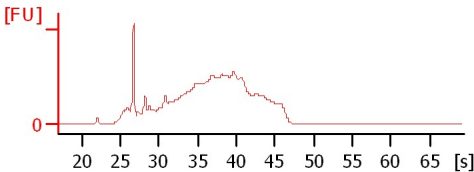
**30p**  
 RIN: 2.40



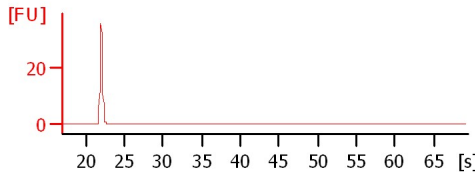
**39p**  
 RIN N/A



**43 cont**  
 RIN: 2.20



**30p**  
 RIN: 1



Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
2p	after speedvac	✓	RIN: 8.50	
3p	after speedvac	✓	RIN: 5.30	
9p	after speedvac	✓	RIN N/A	
38p	after speedvac	✓	RIN N/A	
46p	after speedvac	✓	RIN: 5.70	
47p	after speedvac	✓	RIN: 2.50	
29 cont		✓	RIN: 1.80	
30p		✓	RIN: 2.40	
39p		✓	RIN N/A	
43 cont		✓	RIN: 2.20	
		✓	RIN:1	
Ladder		✓	All Other Samples	

**Chip Lot #**

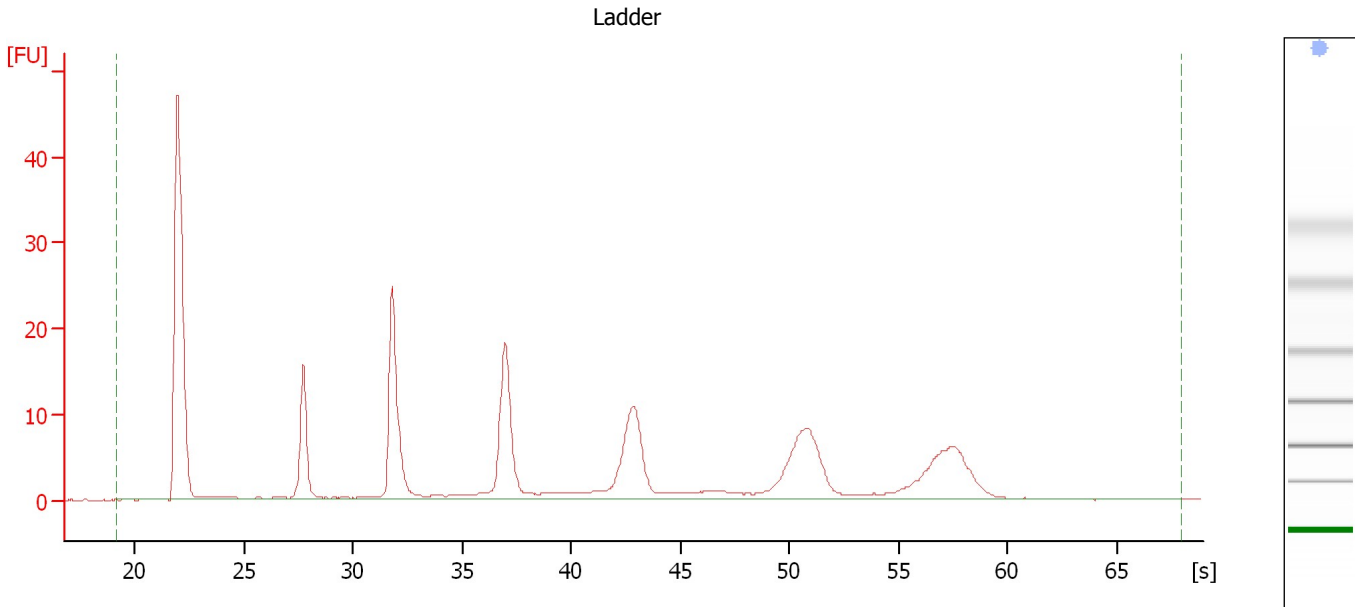
**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary**



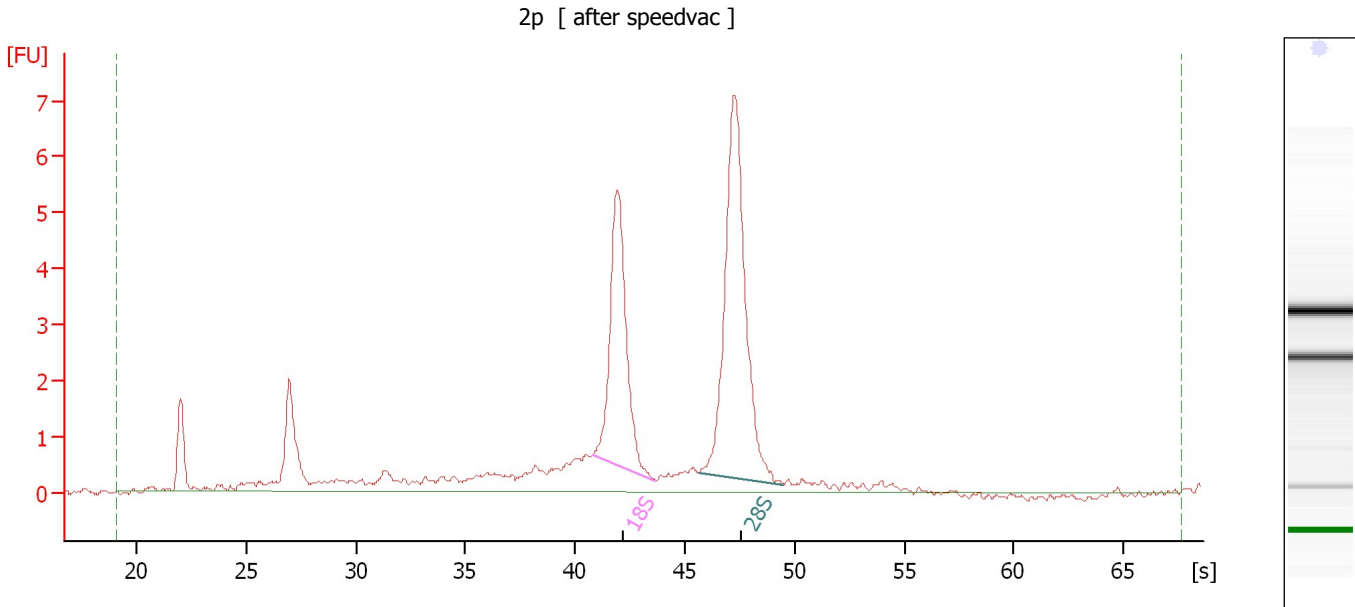
**Overall Results for Ladder**

RNA Area:	192.3	Result Flagging Color:	<span style="background-color: #add8e6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	1,000 pg/ $\mu$ l	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\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 2p**

RNA Area: 49.2 RNA Integrity Number (RIN): 8.5 (B.02.08)  
RNA Concentration: 256 µg/µl Result Flagging Color:   
rRNA Ratio [28s / 18s]: 1.5 Result Flagging Label: RIN: 8.50

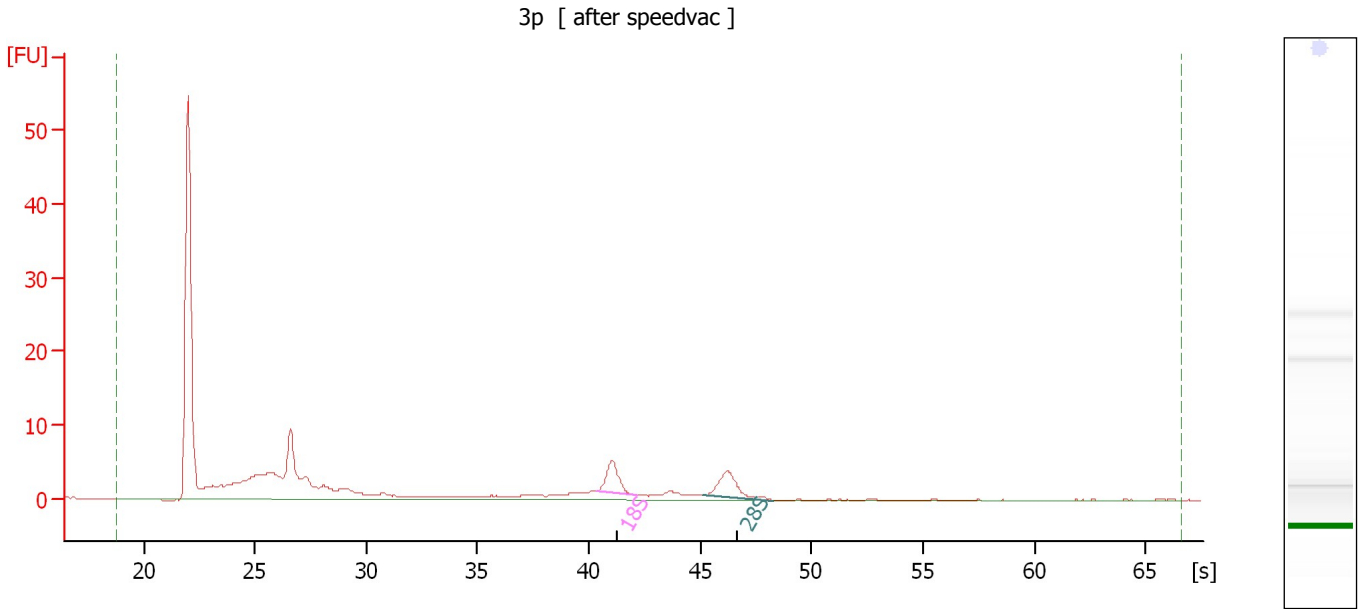
**Fragment table for sample 1 : 2p**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,657	2,210	9.9	20.1
28S	2,701	3,660	15.3	31.2

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 3p**

RNA Area:	105.0	RNA Integrity Number (RIN):	5.3 (B.02.08)
RNA Concentration:	546 µg/µl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	1.1	Result Flagging Label:	RIN: 5.30

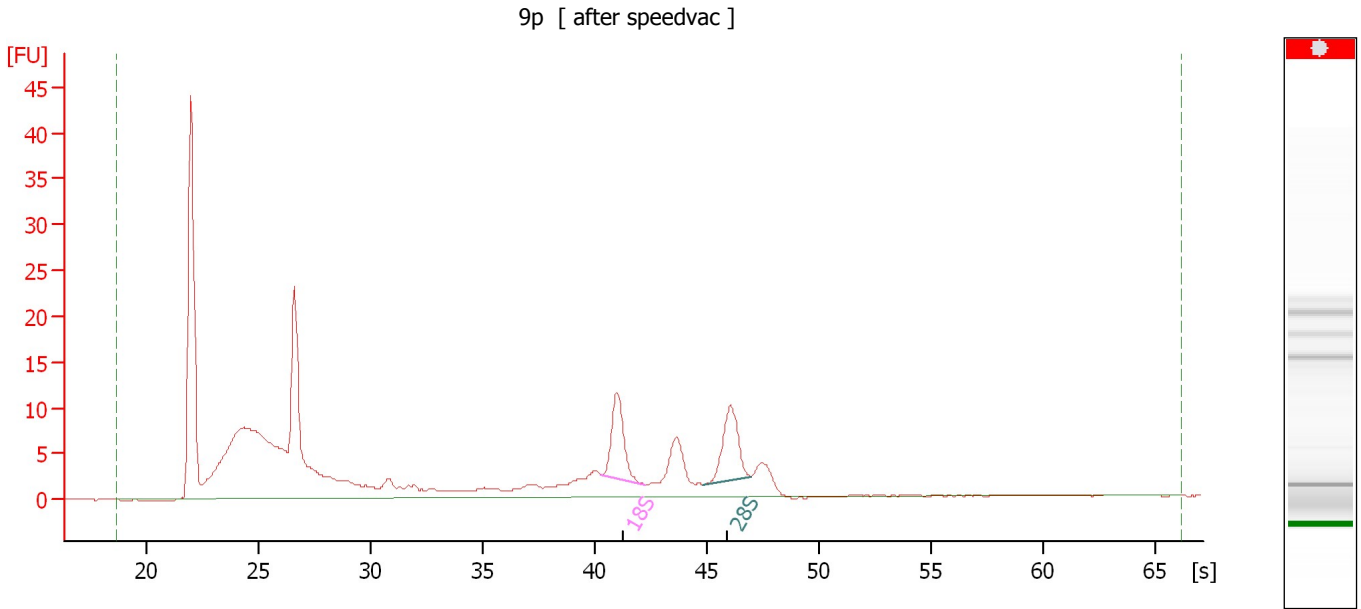
**Fragment table for sample 2 : 3p**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,583	1,880	6.7	6.4
28S	2,586	3,373	7.3	7.0

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
 Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 9p**

RNA Area:	244.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1,270 pg/μl	Result Flagging Color:	<span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	1.0	Result Flagging Label:	RIN N/A

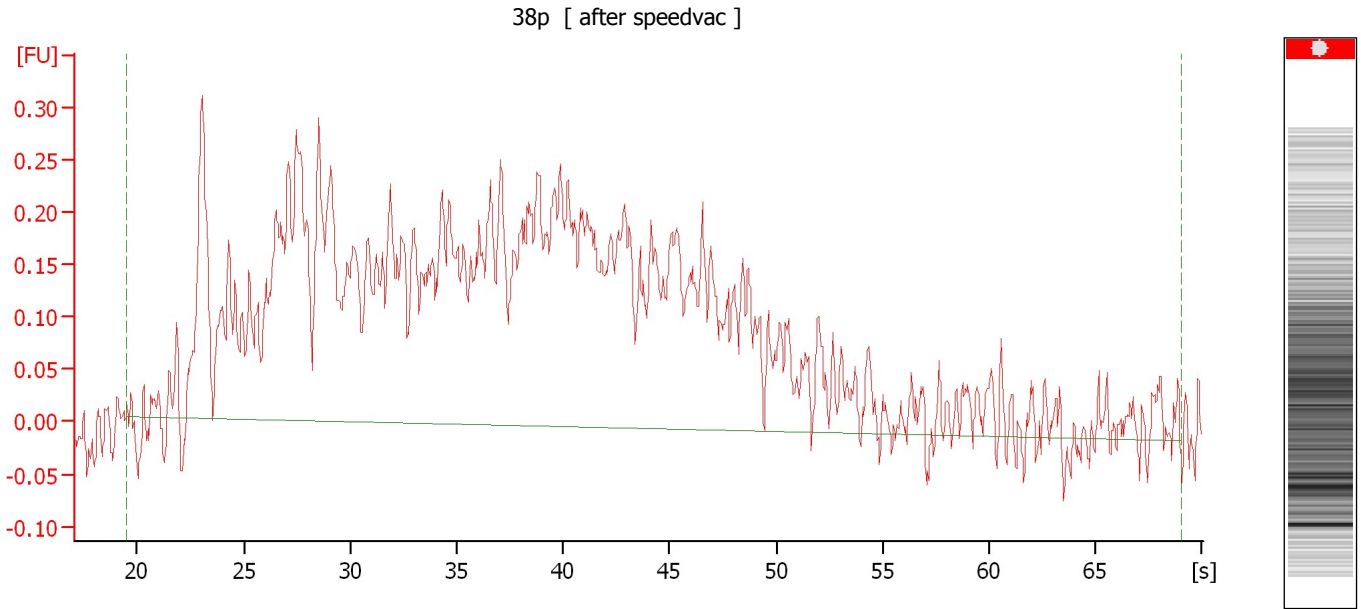
**Fragment table for sample 3 : 9p**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,571	1,907	13.8	5.7
28S	2,512	3,041	13.5	5.5

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 38p**

RNA Concentration: 69 pg/ $\mu$ l  
rRNA Ratio [28s / 18s]: 0.0

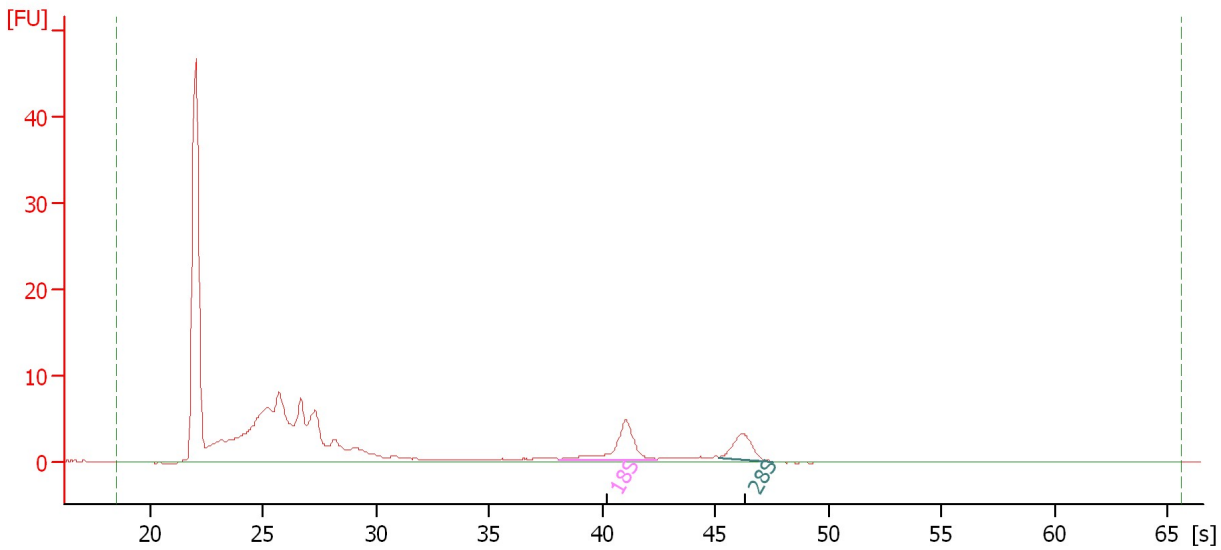
Result Flagging Color:   
Result Flagging Label: RIN N/A

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**

46p [ after speedvac ]



**Overall Results for sample 5 : 46p**

RNA Area: 135.7                      RNA Integrity Number (RIN): 5.7 (B.02.08)  
RNA Concentration: 706 µg/µl                      Result Flagging Color:   
rRNA Ratio [28s / 18s]: 0.6                      Result Flagging Label: RIN: 5.70

**Fragment table for sample 5 : 46p**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,195	1,925	10.1	7.5
28S	2,582	3,178	6.2	4.6

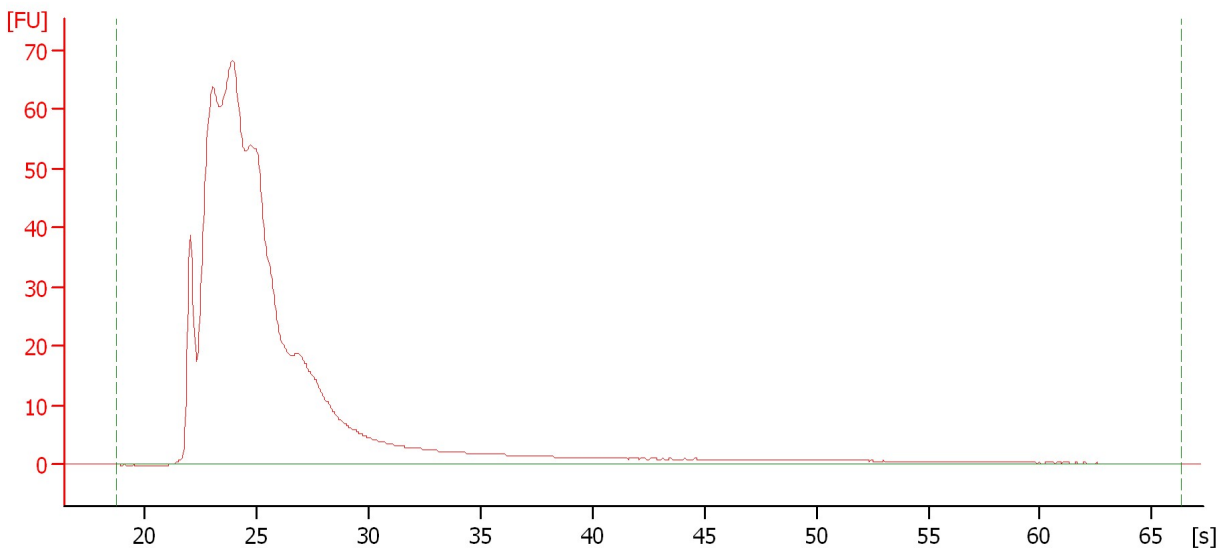


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**

47p [ after speedvac ]



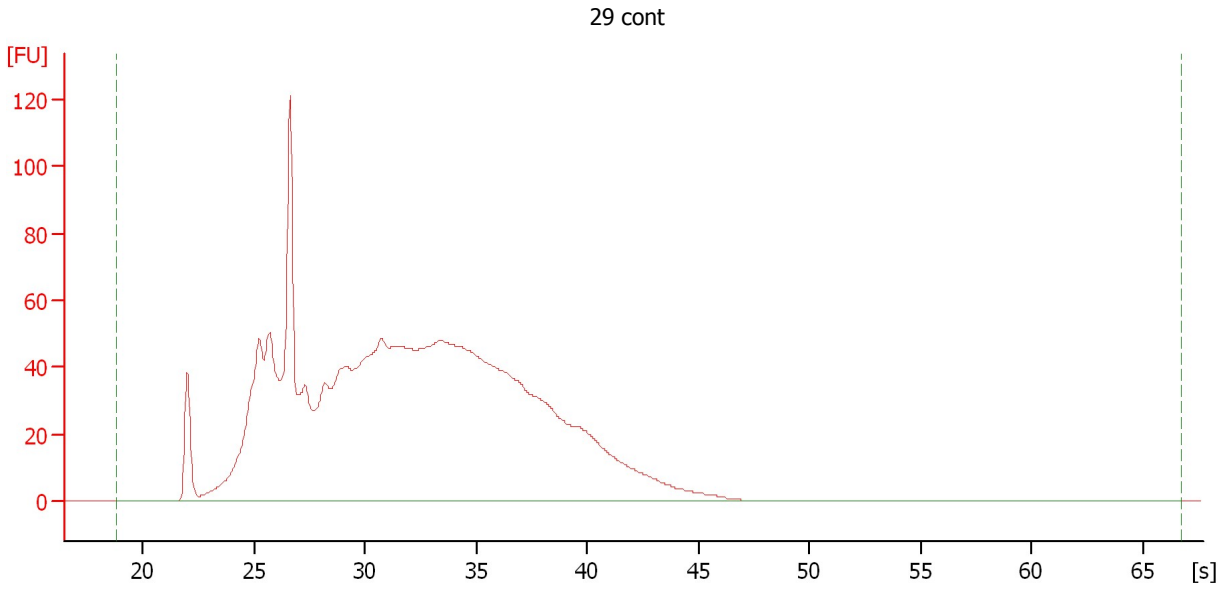
**Overall Results for sample 6 : 47p**

RNA Area:	1,036.1	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	5,389 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**



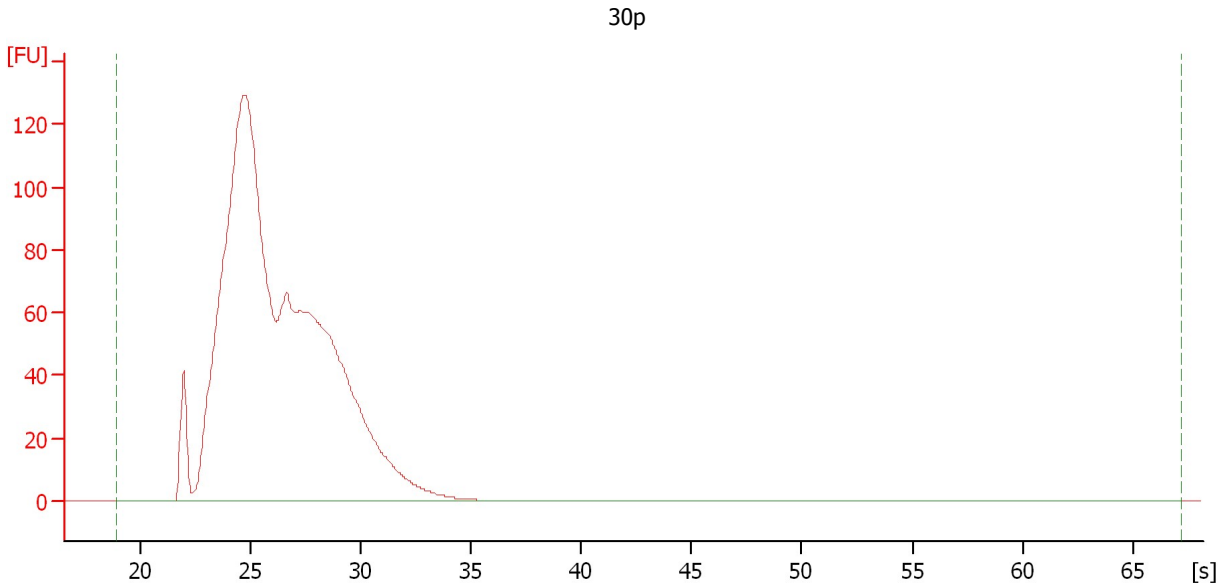
**Overall Results for sample 7 : 29 cont**

RNA Area:	2,129.7	RNA Integrity Number (RIN):	1.8 (B.02.08)
RNA Concentration:	11,077 pg/ $\mu$ l	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.80

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**



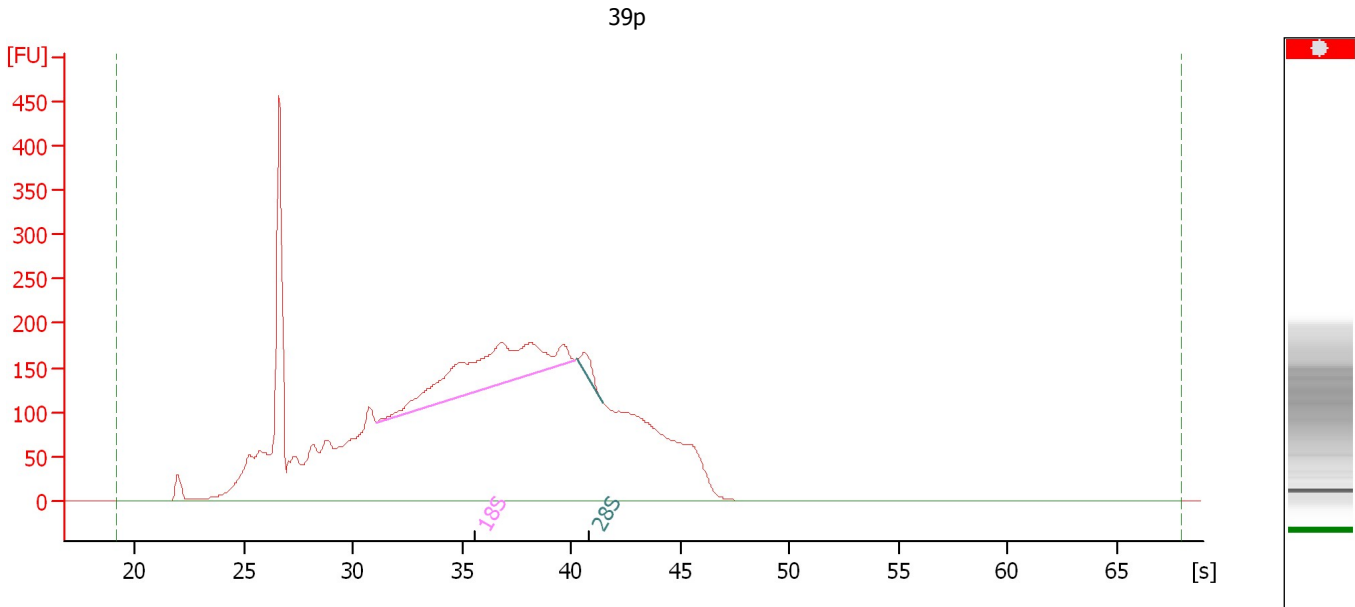
**Overall Results for sample 8 : 30p**

RNA Area:	1,988.7	RNA Integrity Number (RIN):	2.4 (B.02.08)
RNA Concentration:	10,344 pg/ $\mu$ l	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.40

Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
 Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : 39p**

RNA Area:	6,848.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	35,620 pg/μl	Result Flagging Color:	<span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN N/A

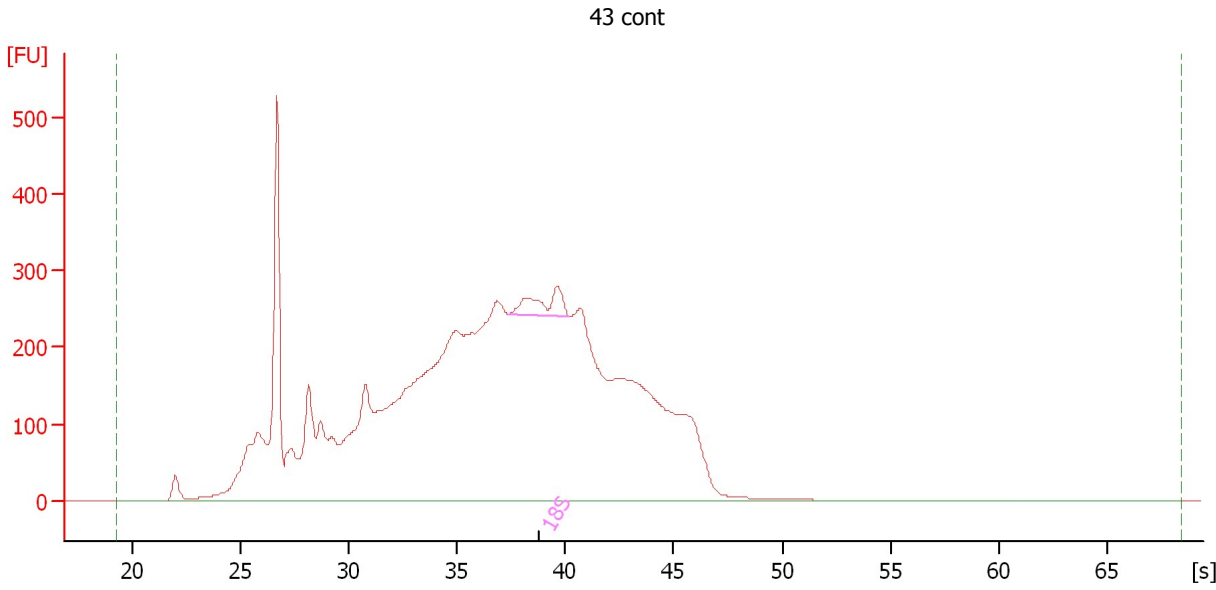
**Fragment table for sample 9 : 39p**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	449	1,546	582.0	8.5
28S	1,563	1,764	33.3	0.5

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : 43 cont**

RNA Area:	9,941.4	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	51,706 pg/ $\mu$ l	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

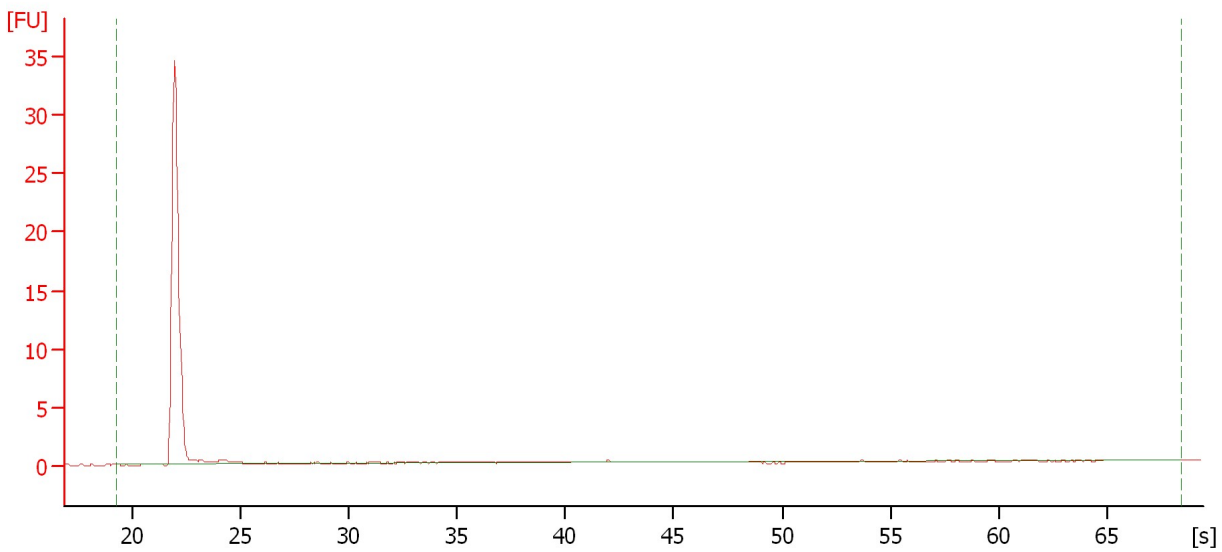
**Fragment table for sample 10 : 43 cont**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,076	1,550	119.0	1.2

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 :**

RNA Area:	5.6	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	29 pg/ $\mu$ l	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-26\2018-03-26\_003.xad

Created: 3/26/2018 12:21:15 PM  
Modified: 3/26/2018 12:43:17 PM

Gel Image

