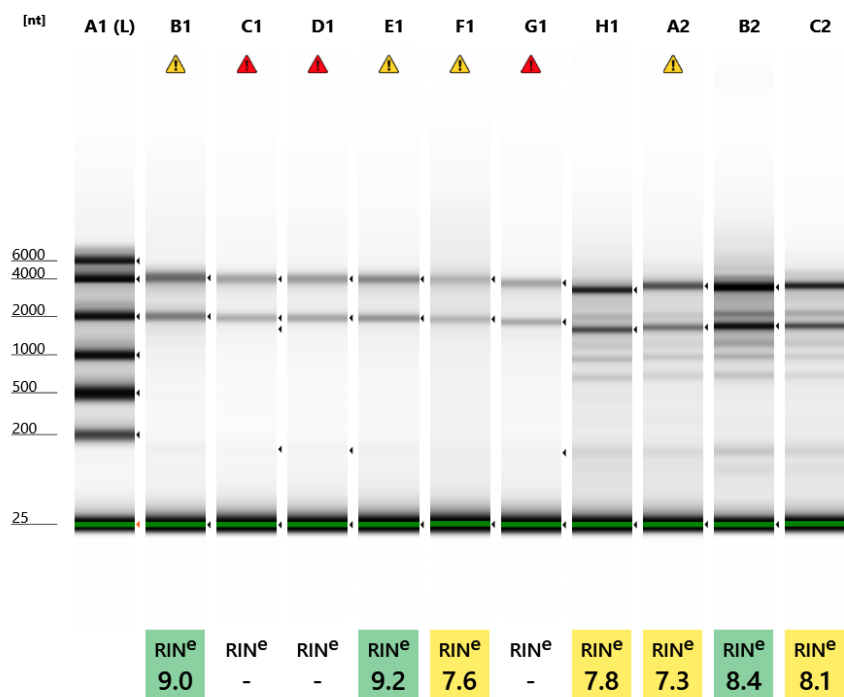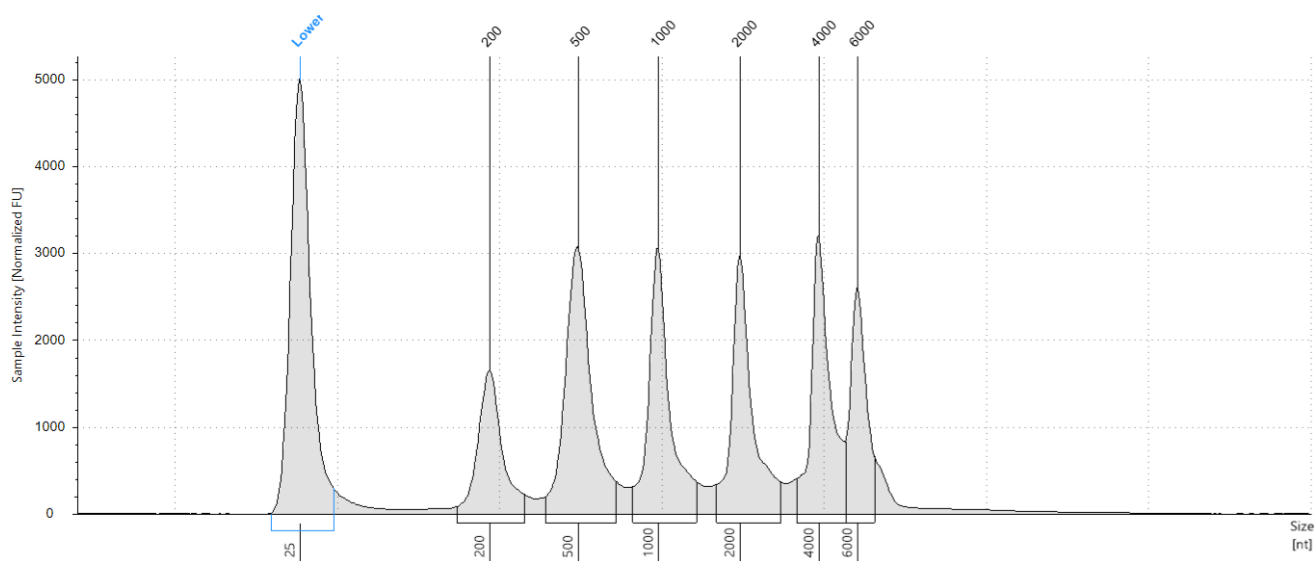**Filename: 2019-09-30 - 14.09.03.RNA**

Default image (Contrast 100%)

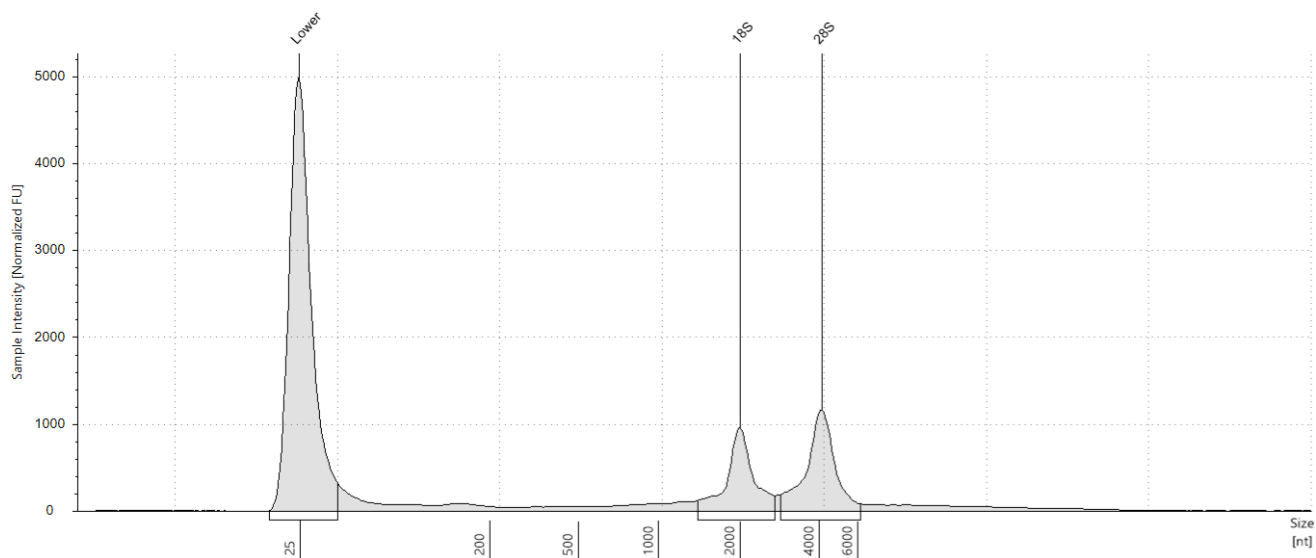## Sample Info

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	80.0	Ladder		Ladder
B1	9.0	1.3	17.3	2380 Mcap Soft (475)	⚠	Sample concentration outside functional range for RINe and the assay
C1	-	-	9.08	2380 Mcap Hard (476)	🔺	Sample concentration outside functional range for RINe and the assay
D1	-	-	9.32	1178 Mcap Soft (477)	🔺	Sample concentration outside functional range for RINe and the assay
E1	9.2	1.4	11.7	1178 Mcap Hard (478)	⚠	Sample concentration outside functional range for RINe and the assay
F1	7.6	1.4	12.4	1076 Mcap Soft (479)	⚠	Sample concentration outside functional range for RINe and the assay
G1	-	-	9.67	1076 Mcap Hard (480)	🔺	Sample concentration outside functional range for RINe and the assay
H1	7.8	1.5	27.7	1777 Pacuta Soft (481)		
A2	7.3	1.5	22.3	1777 Pacuta Hard (482)	⚠	Sample concentration outside functional range for RINe and the assay
B2	8.4	1.6	46.8	2879 Pacuta Soft (483)		
C2	8.1	1.4	25.9	2879 Pacuta Hard (484)		

A1: Ladder

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	80.0	Ladder		Ladder

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
200	8.29	-	122	11.57		
500	16.7	-	98.2	23.29		
1000	13.1	-	38.5	18.27		
2000	12.5	-	18.4	17.44		
4000	12.5	-	9.21	17.48		
6000	8.55	-	4.19	11.94		

B1: 2380 Mcap Soft (475)

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
B1	9.0	1.3	17.3	2380 Mcap Soft (475)	⚠️	Sample concentration outside functional range for RINe and the assay

Peak Table

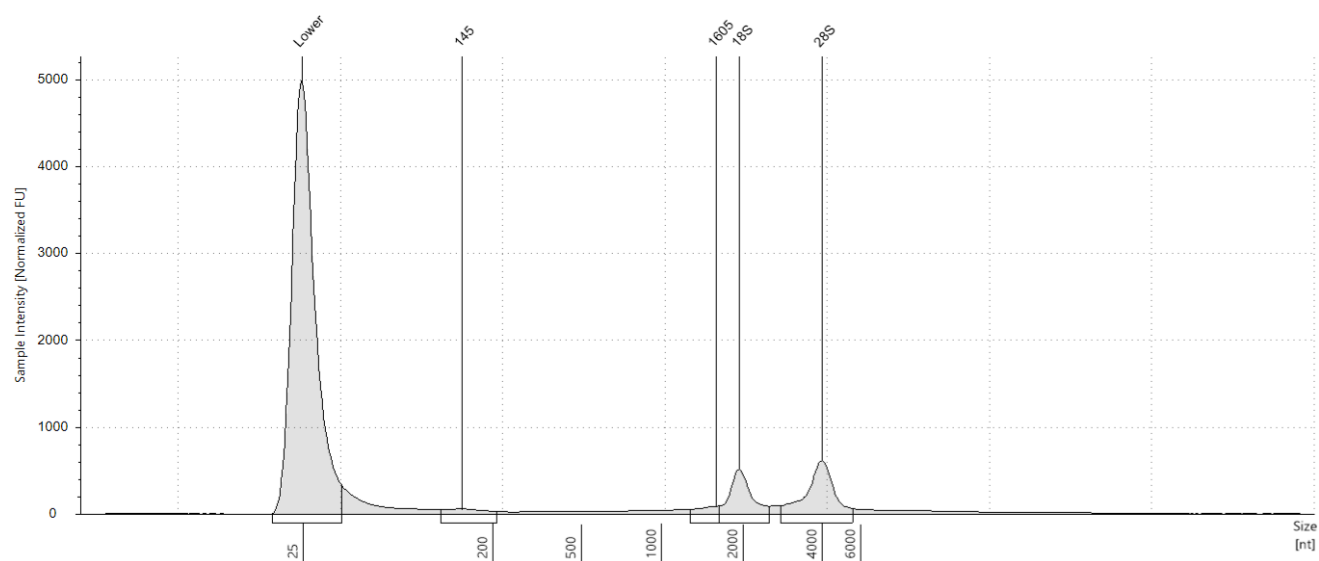| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
2010	4.69	-	6.86	43.13		18S
4136	6.18	-	4.39	56.87		28S

C1: 2380 Mcap Hard (476)

Sample Table

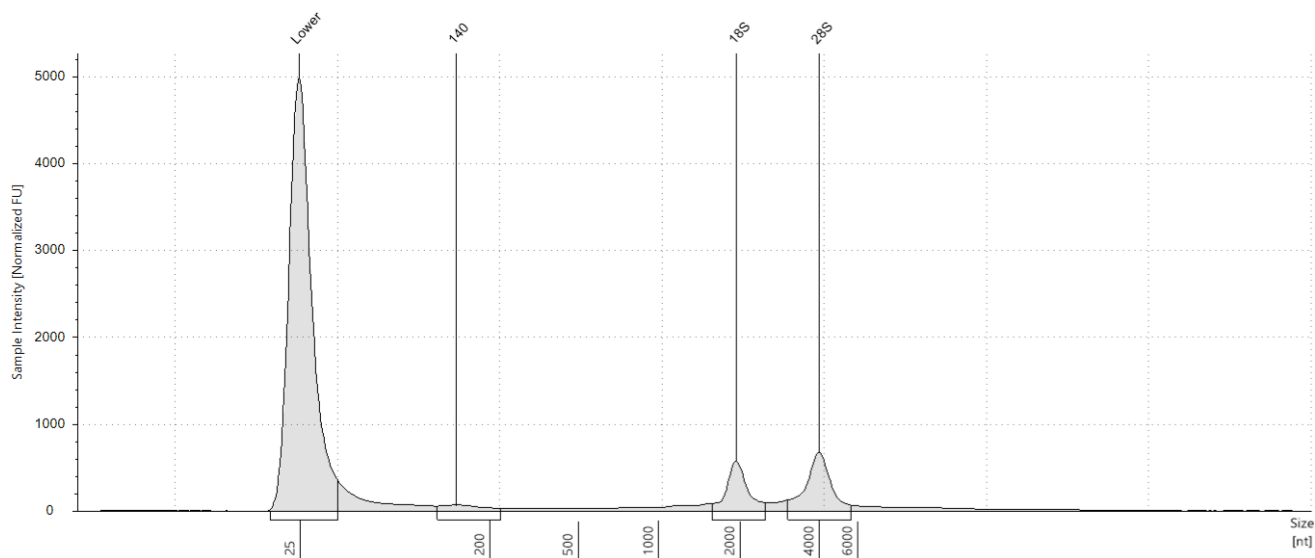| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
C1	-	-	9.08	2380 Mcap Hard (476)	▲	Sample concentration outside functional range for RINe and the assay

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
145	0.396	-	8.04	7.19		
1605	0.332	-	0.608	6.03		
1964	1.89	-	2.83	34.39		18S
4047	2.88	-	2.09	52.39		28S

D1: 1178 Mcap Soft (477)

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
D1	-	-	9.32	1178 Mcap Soft (477)	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

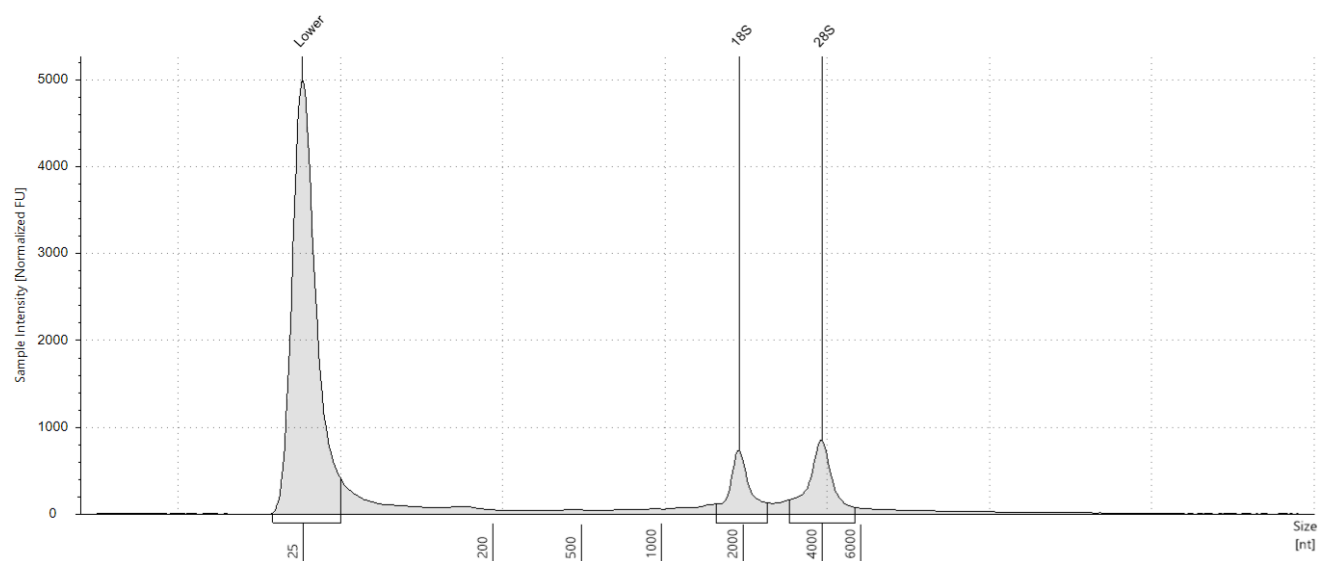| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
140	0.457	-	9.60	8.33		
1960	2.10	-	3.15	38.25		18S
4044	2.93	-	2.13	53.43		28S

E1: 1178 Mcap Hard (478)

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
E1	9.2	1.4	11.7	1178 Mcap Hard (478)	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

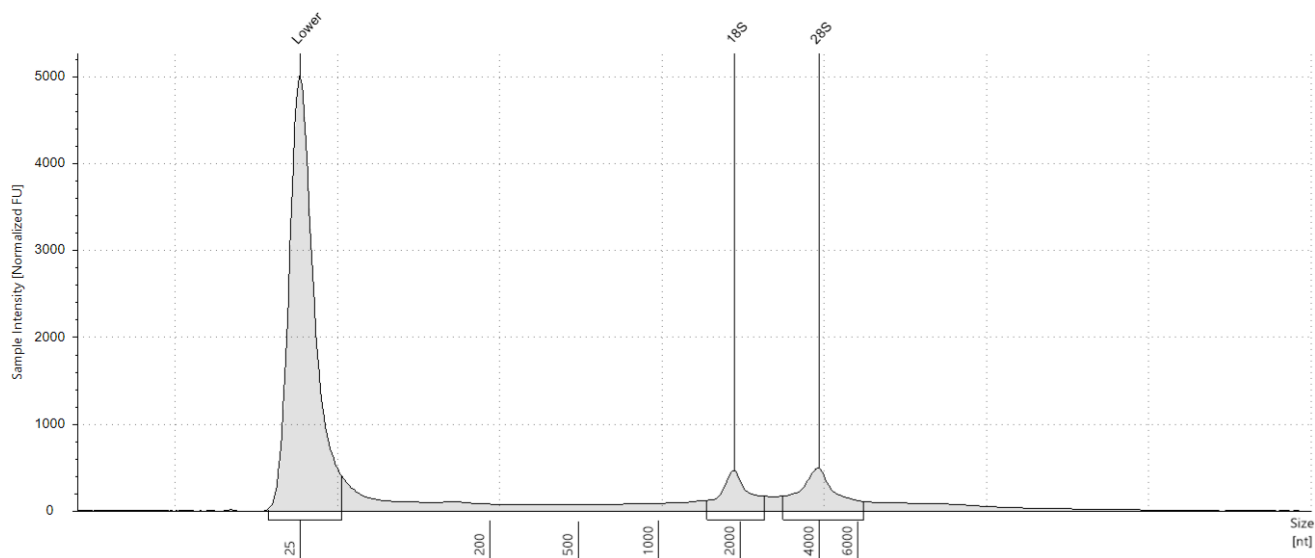| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1941	2.46	-	3.73	41.14		18S
4012	3.52	-	2.58	58.86		28S

F1: 1076 Mcap Soft (479)

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
F1	7.6	1.4	12.4	1076 Mcap Soft (479)	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

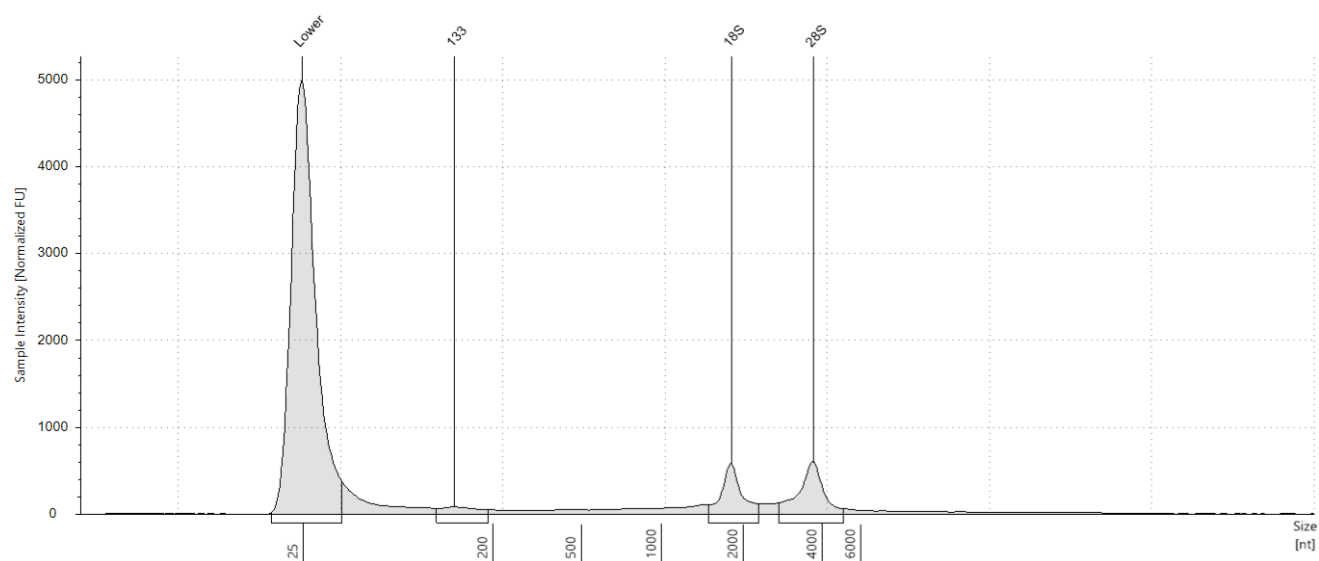| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1907	2.06	-	3.18	41.44		18S
3992	2.91	-	2.14	58.56		28S

G1: 1076 Mcap Hard (480)

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
G1	-	-	9.67	1076 Mcap Hard (480)	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

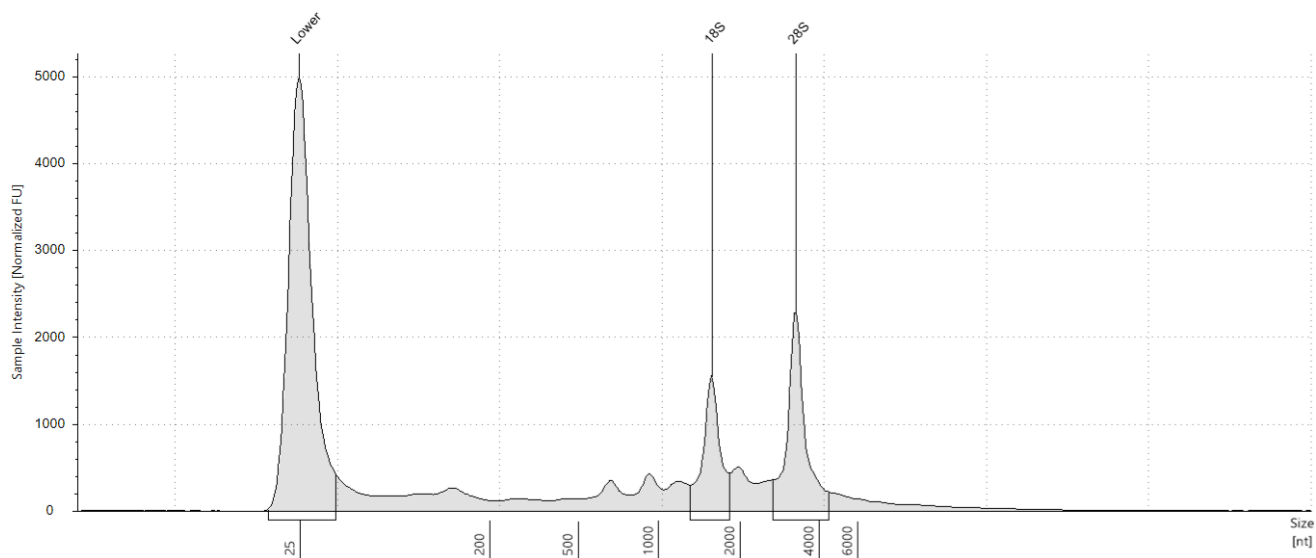| Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
133	0.513	-	11.3	10.43		
1826	1.92	-	3.10	39.09		18S
3749	2.48	-	1.95	50.48		28S

H1: 1777 Pacuta Soft (481)

Sample Table

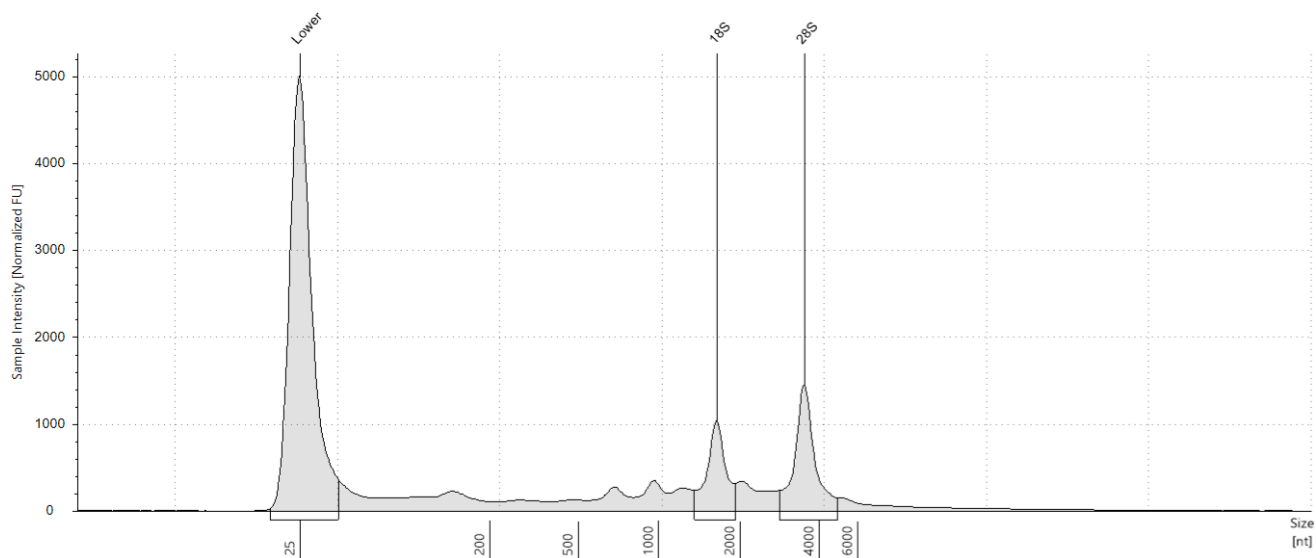| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
H1	7.8	1.5	27.7	1777 Pacuta Soft (481)		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1589	4.60	-	8.51	39.24		18S
3287	7.12	-	6.37	60.76		28S

A2: 1777 Pacuta Hard (482)

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A2	7.3	1.5	22.3	1777 Pacuta Hard (482)	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

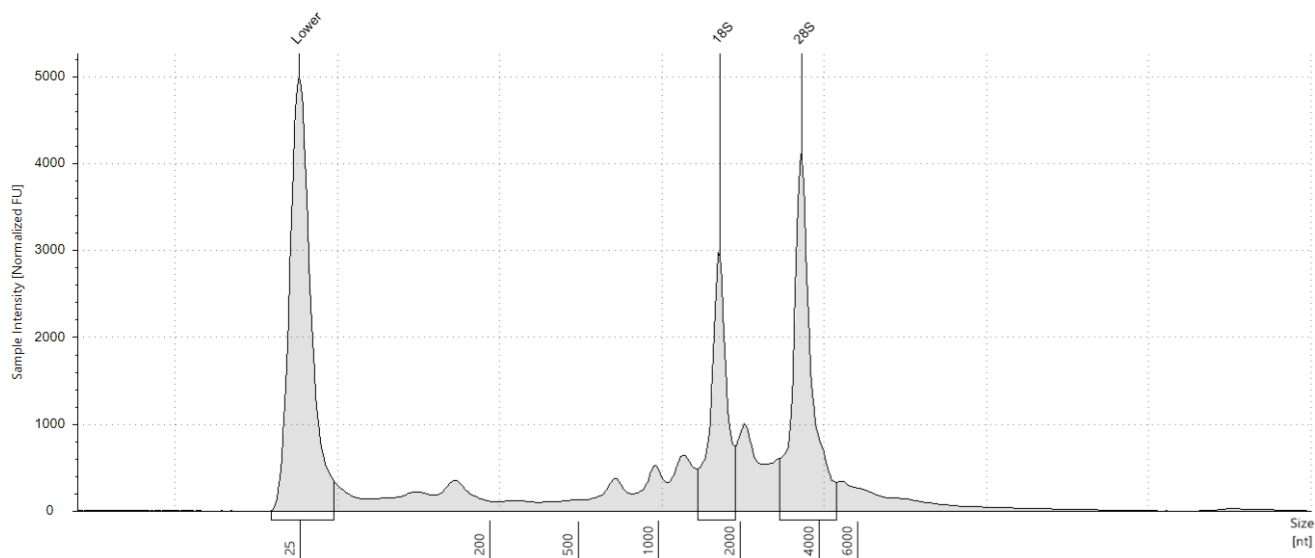| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1647	3.58	-	6.39	39.94		18S
3516	5.38	-	4.50	60.06		28S

B2: 2879 Pacuta Soft (483)

Sample Table

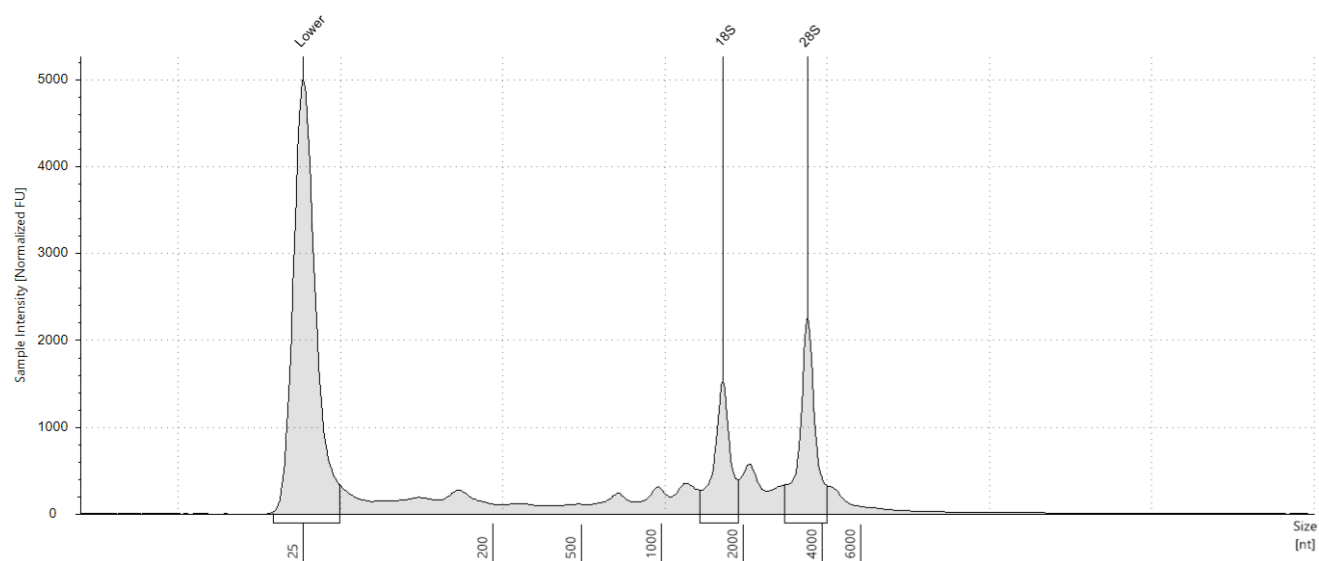| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
B2	8.4	1.6	46.8	2879 Pacuta Soft (483)		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1693	9.21	-	16.0	38.76		18S
3454	14.6	-	12.4	61.24		28S

C2: 2879 Pacuta Hard (484)

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
C2	8.1	1.4	25.9	2879 Pacuta Hard (484)		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1684	4.56	-	7.97	41.30		18S
3516	6.48	-	5.42	58.70		28S