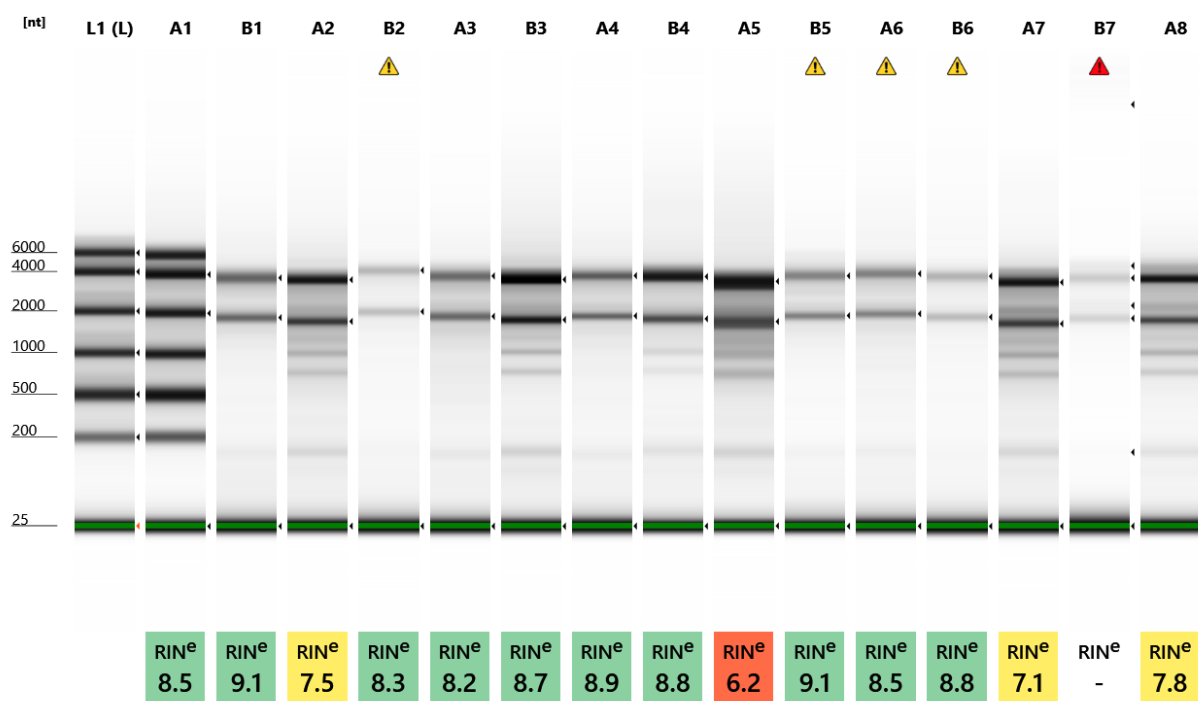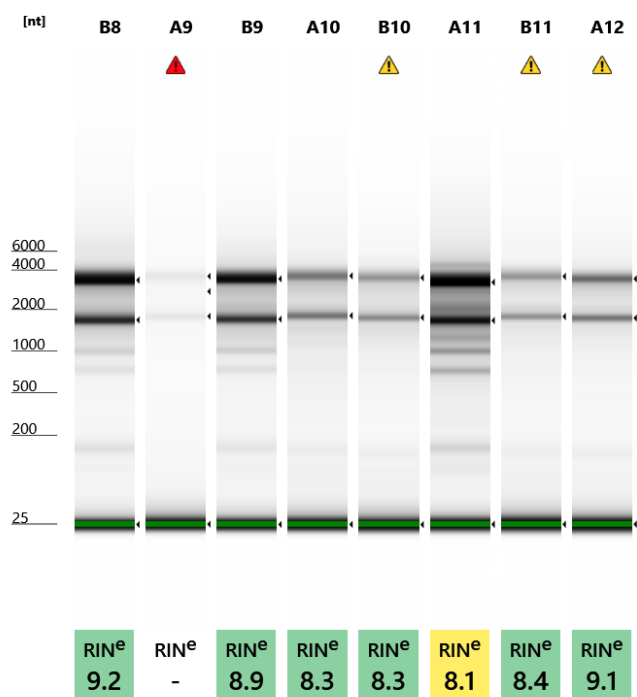# Filename: 2019-08-28 - 14.41.31.RNA



Default image (Contrast 100%)



Default image (Contrast 100%)

## Sample Info

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| L1 | - | - | 104 | Ladder | | Ladder |
| A1 | 8.5 | 1.1 | 110 | Ladder | | |
| B1 | 9.1 | 1.4 | 28.6 | 1218 Mcap Soft (397) | | |
| A2 | 7.5 | 1.4 | 56.3 | 1445 Pacuta Soft (375) | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| B2 | 8.3 | 1.2 | 12.4 | 1037 Mcap Soft (401) | ⚠ | Sample concentration outside functional range for RINe and the assay |
| A3 | 8.2 | 1.5 | 29.7 | 2419 Mcap Soft (377) | | |
| B3 | 8.7 | 1.8 | 65.7 | 1701 Pacuta Soft (403) | | |
| A4 | 8.9 | 1.7 | 27.0 | 2402 Mcap Soft (379) | | |
| B4 | 8.8 | 1.7 | 48.8 | 1581 Pacuta Soft (405) | | |
| A5 | 6.2 | 1.3 | 81.5 | 1653 Pacuta Soft (381) | | |
| B5 | 9.1 | 1.4 | 21.9 | 1328 Mcap Soft (407) | ⚠ | Sample concentration outside functional range for RINe and the assay |
| A6 | 8.5 | 1.4 | 23.9 | 1579 Mcap Soft (383) | ⚠ | Sample concentration outside functional range for RINe and the assay |
| B6 | 8.8 | 1.3 | 12.8 | 1706 Mcap Soft (409) | ⚠ | Sample concentration outside functional range for RINe and the assay |
| A7 | 7.1 | 1.5 | 56.1 | 2002 Pacuta Soft (385) | | |
| B7 | - | - | 7.32 | 2986 Mcap Soft (411) | ▲ | Sample concentration outside functional range for RINe and the assay |
| A8 | 7.8 | 1.5 | 45.4 | 2210 Pacuta Soft (387) | | |
| B8 | 9.2 | 1.7 | 60.4 | 2087 Pacuta Soft (315) | | |
| A9 | - | - | 8.40 | 1418 Mcap Soft (389) | ▲ | Sample concentration outside functional range for RINe and the assay |
| B9 | 8.9 | 1.6 | 51.2 | 1059 Pacuta Soft (313) | | |
| A10 | 8.3 | 1.4 | 28.0 | 1145 Mcap Soft (391) | | |
| B10 | 8.3 | 1.2 | 20.8 | 1101 Mcap Soft (363 | ⚠ | Sample concentration outside functional range for RINe and the assay |
| A11 | 8.1 | 1.9 | 81.2 | 1207 Pacuta Soft (393) | | |
| B11 | 8.4 | 1.3 | 19.4 | 1548 Mcap Soft (365) | ⚠ | Sample concentration outside functional range for RINe and the assay |
| A12 | 9.1 | 1.4 | 21.9 | 1652 Mcap Soft (395) | ⚠ | Sample concentration outside functional range for RINe and the assay |

## L1: Ladder
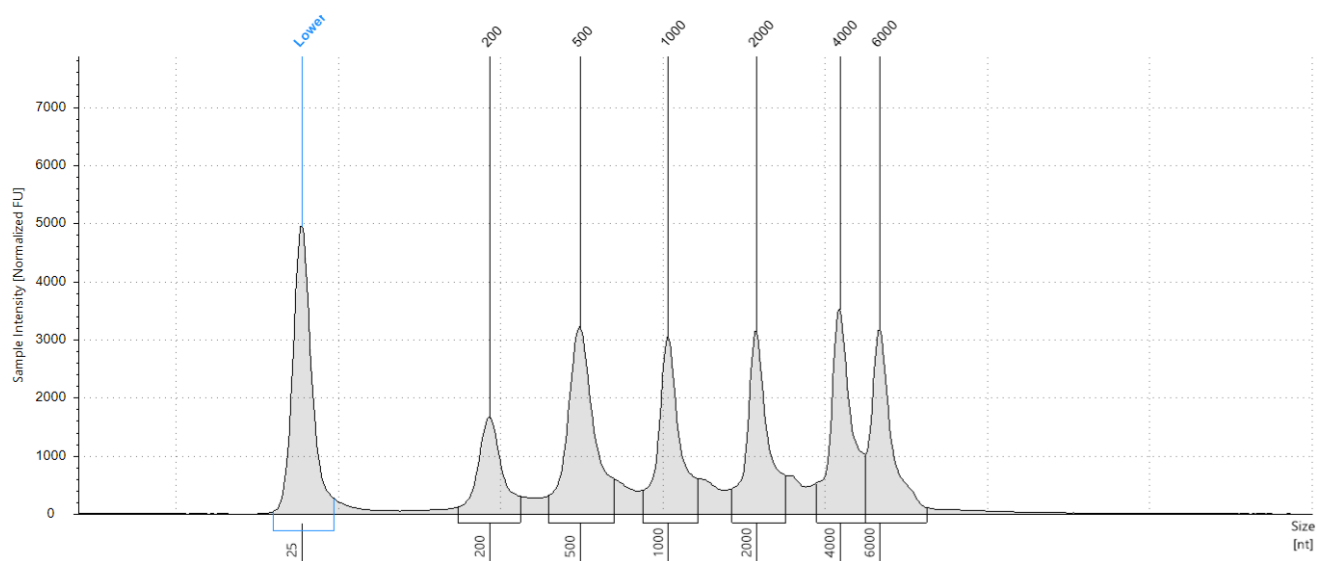


**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| L1 | - | - | 104 | 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 | 9.25 | - | 136 | 10.25 | | |
| 500 | 19.5 | - | 115 | 21.61 | | |
| 1000 | 14.8 | - | 43.6 | 16.40 | | |
| 2000 | 15.0 | - | 22.0 | 16.56 | | |
| 4000 | 16.9 | - | 12.4 | 18.69 | | |
| 6000 | 14.9 | - | 7.30 | 16.50 | | |

## A1: Ladder
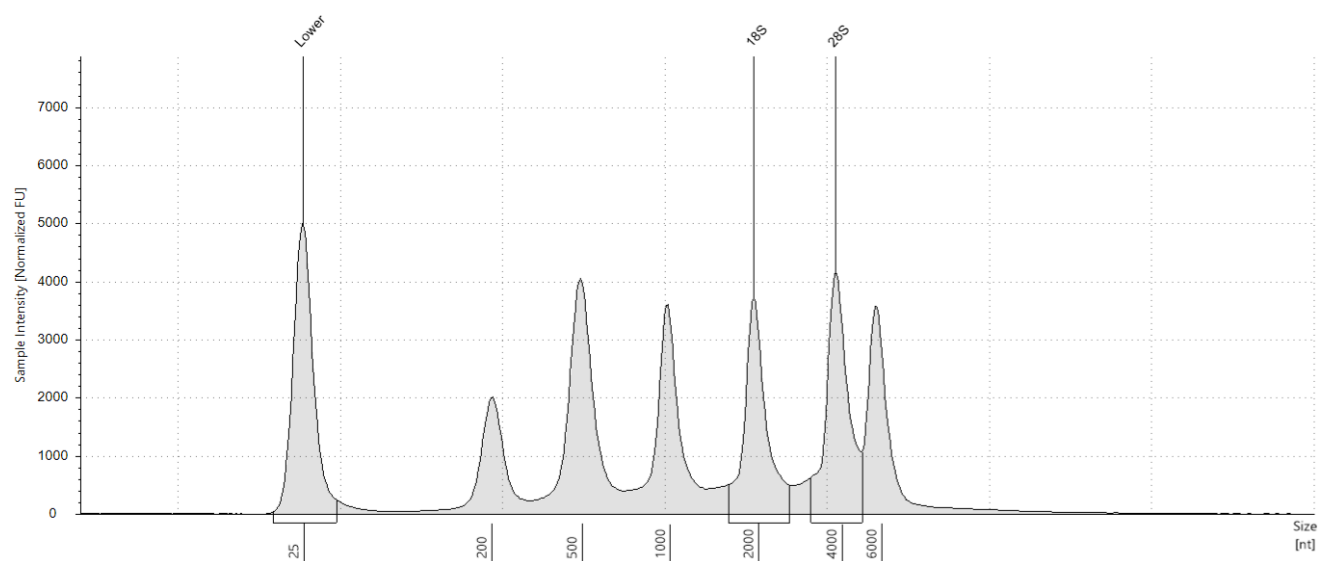


### Sample Table

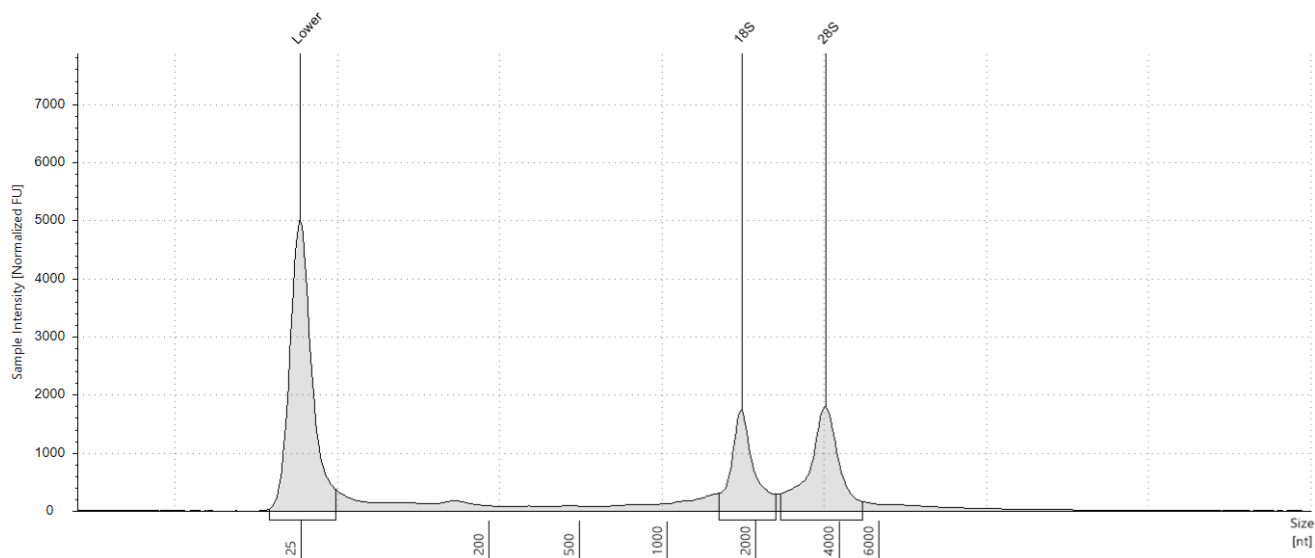| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A1 | 8.5 | 1.1 | 110 | Ladder | | |

### 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 |
| 1936 | 17.1 | - | 26.0 | 46.97 | | 18S |
| 3820 | 19.3 | - | 14.9 | 53.03 | | 28S |

**B1: 1218 Mcap Soft (397)**



**Sample Table**

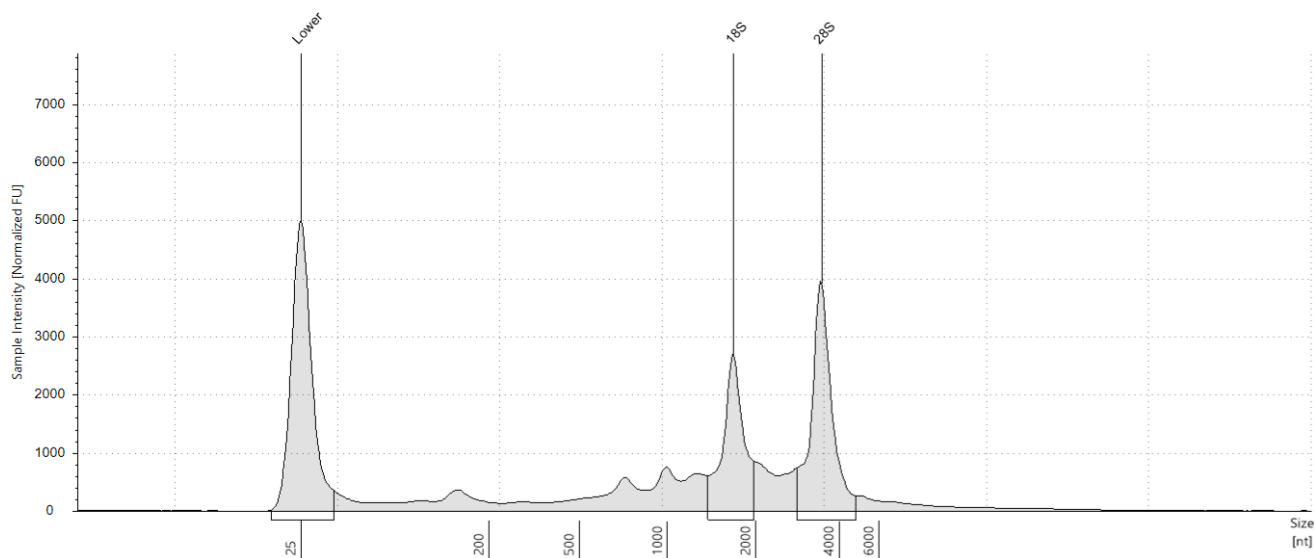| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| B1 | 9.1 | 1.4 | 28.6 | 1218 Mcap Soft (397) | | |

**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 |
| 1803 | 7.53 | - | 12.3 | 42.03 | | 18S |
| 3604 | 10.4 | - | 8.48 | 57.97 | | 28S |

## A2: 1445 Pacuta Soft (375)



### Sample Table

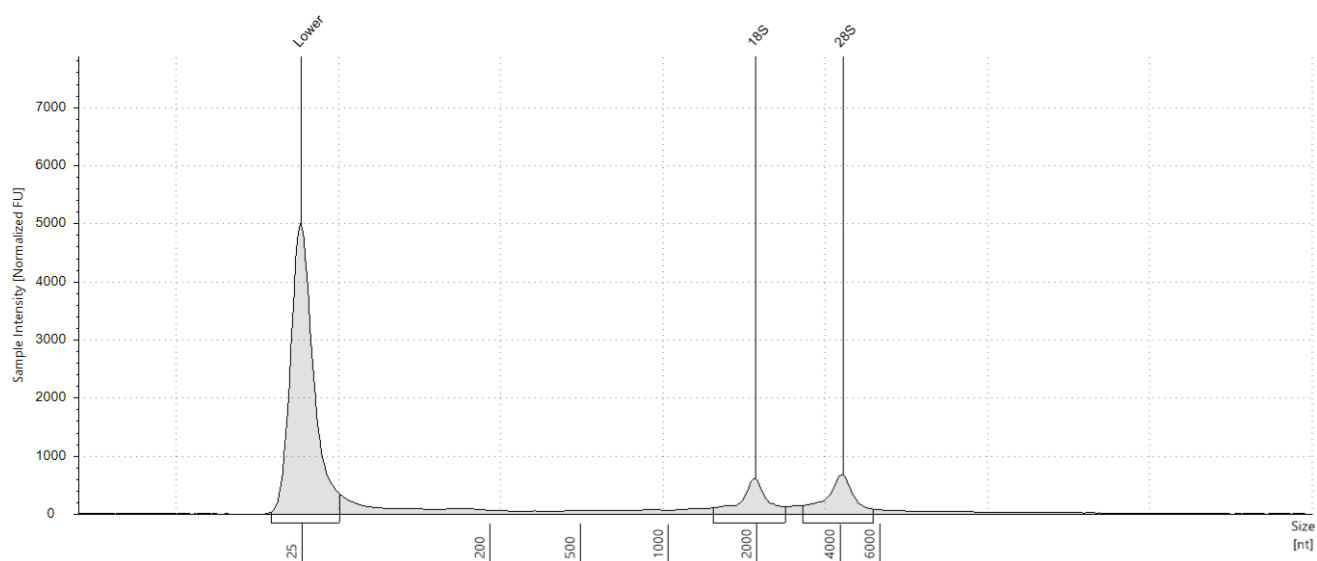| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A2 | 7.5 | 1.4 | 56.3 | 1445 Pacuta Soft (375) | | |

### 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 |
| 1687 | 11.7 | - | 20.4 | 40.96 | | 18S |
| 3473 | 16.9 | - | 14.3 | 59.04 | | 28S |

**B2: 1037 Mcap Soft (401)**



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| B2 | 8.3 | 1.2 | 12.4 | 1037 Mcap Soft (401) | ⚠ | Sample concentration outside functional range for RINe and the assay |

**Peak Table**

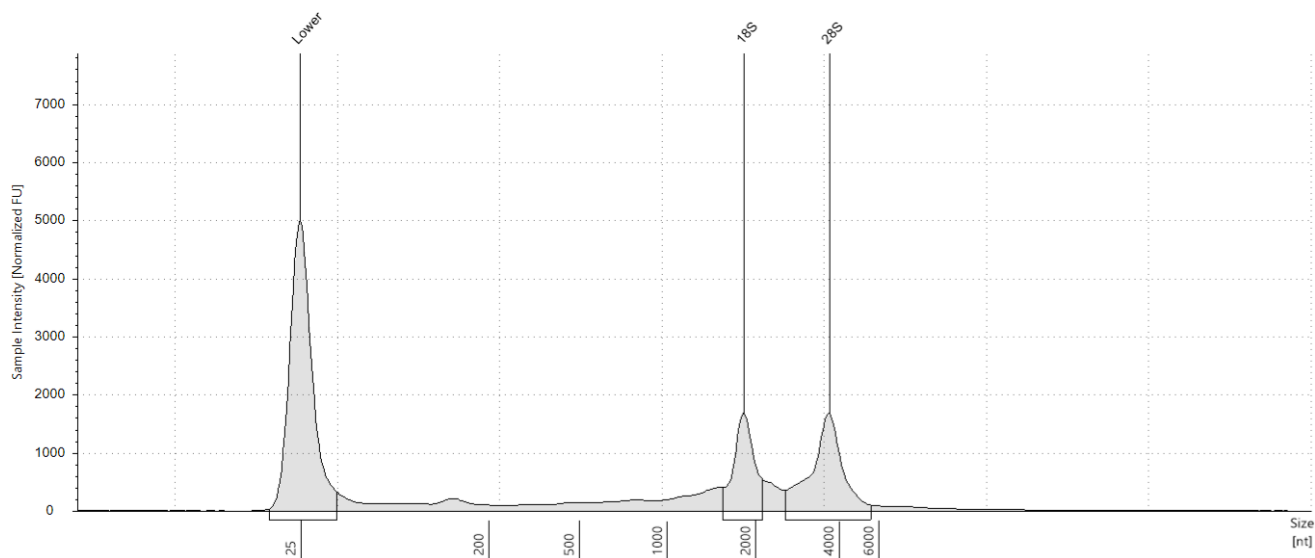| Size [nt] | Calibrated Conc. [ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1986 | 2.91 | - | 4.31 | 45.86 | | 18S |
| 4119 | 3.43 | - | 2.45 | 54.14 | | 28S |

**A3: 2419 Mcap Soft (377)**



**Sample Table**

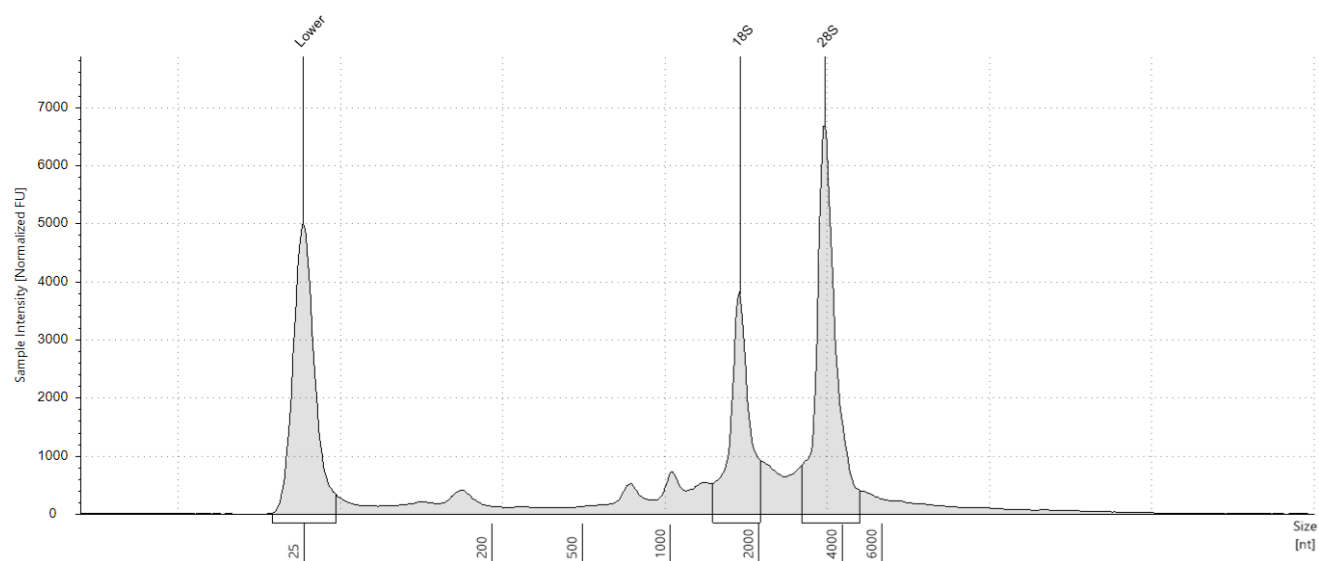| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A3 | 8.2 | 1.5 | 29.7 | 2419 Mcap Soft (377) | | |

**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 |
| 1837 | 6.57 | - | 10.5 | 39.90 | | 18S |
| 3717 | 9.89 | - | 7.83 | 60.10 | | 28S |

**B3: 1701 Pacuta Soft (403)**



**Sample Table**

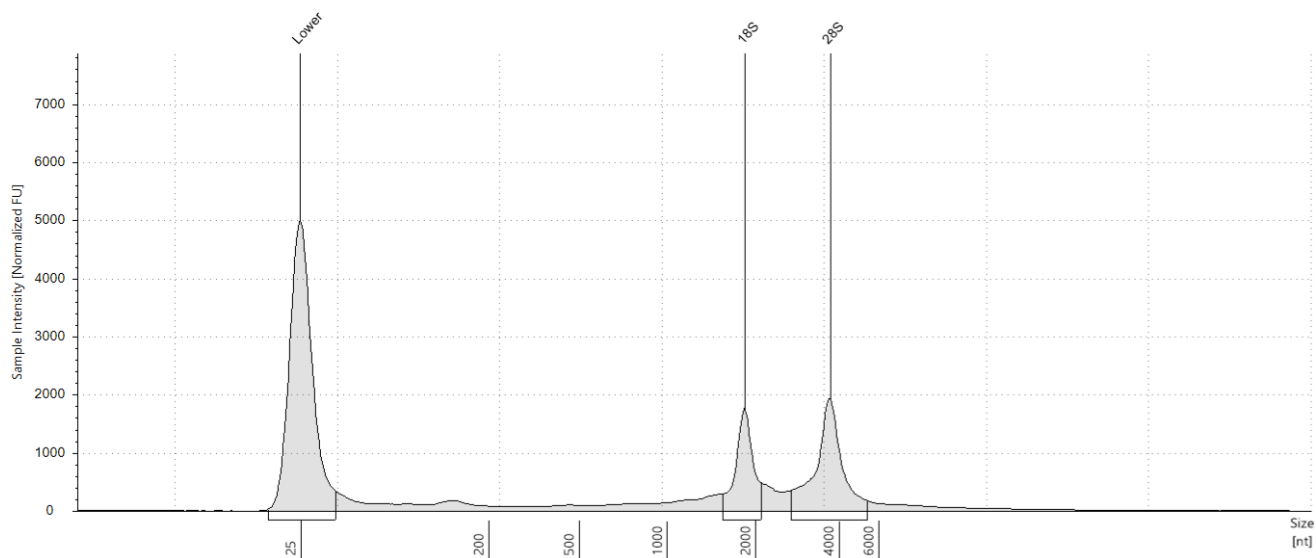| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| B3 | 8.7 | 1.8 | 65.7 | 1701 Pacuta Soft (403) | | |

**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 |
| 1737 | 13.9 | - | 23.6 | 35.36 | | 18S |
| 3499 | 25.4 | - | 21.4 | 64.64 | | 28S |

## A4: 2402 Mcap Soft (379)



**Sample Table**

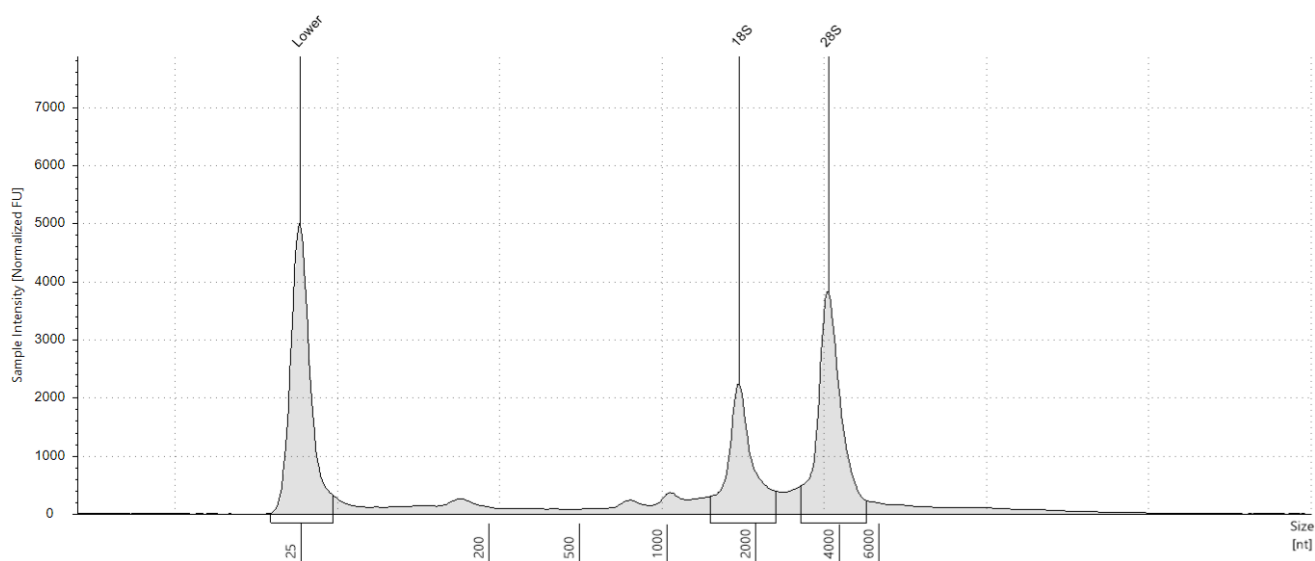| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A4 | 8.9 | 1.7 | 27.0 | 2402 Mcap Soft (379) | | |

**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 |
| 1851 | 5.57 | - | 8.85 | 37.29 | | 18S |
| 3738 | 9.36 | - | 7.37 | 62.71 | | 28S |

**B4: 1581 Pacuta Soft (405)**



**Sample Table**

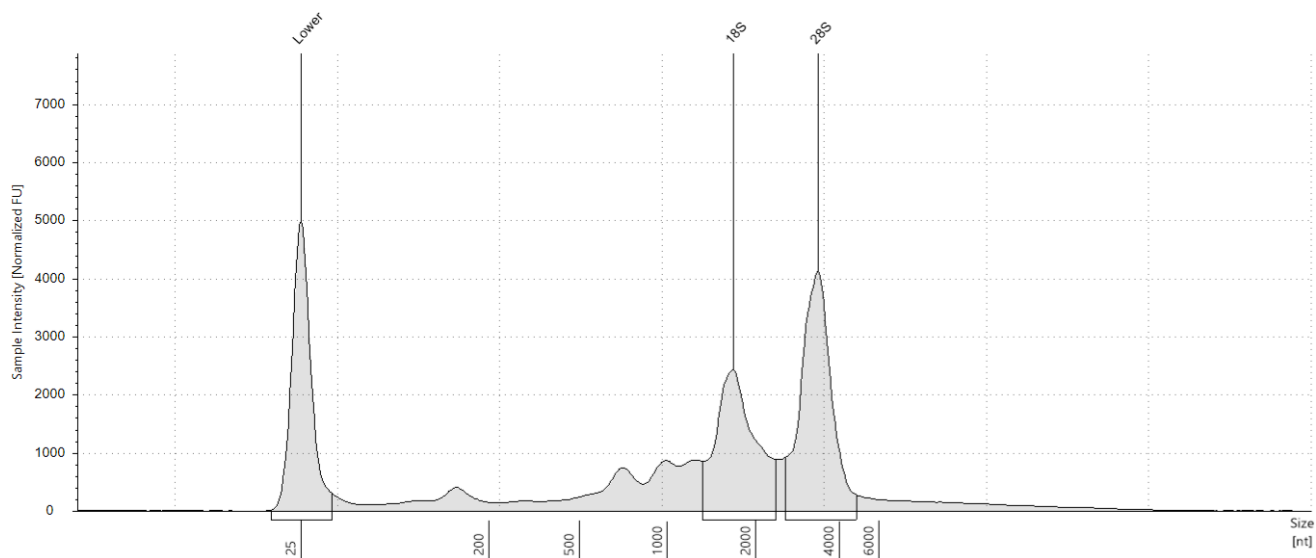| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| B4 | 8.8 | 1.7 | 48.8 | 1581 Pacuta Soft (405) | | |

**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 |
| 1759 | 11.6 | - | 19.4 | 37.38 | | 18S |
| 3670 | 19.4 | - | 15.6 | 62.62 | | 28S |

## A5: 1653 Pacuta Soft (381)



### Sample Table

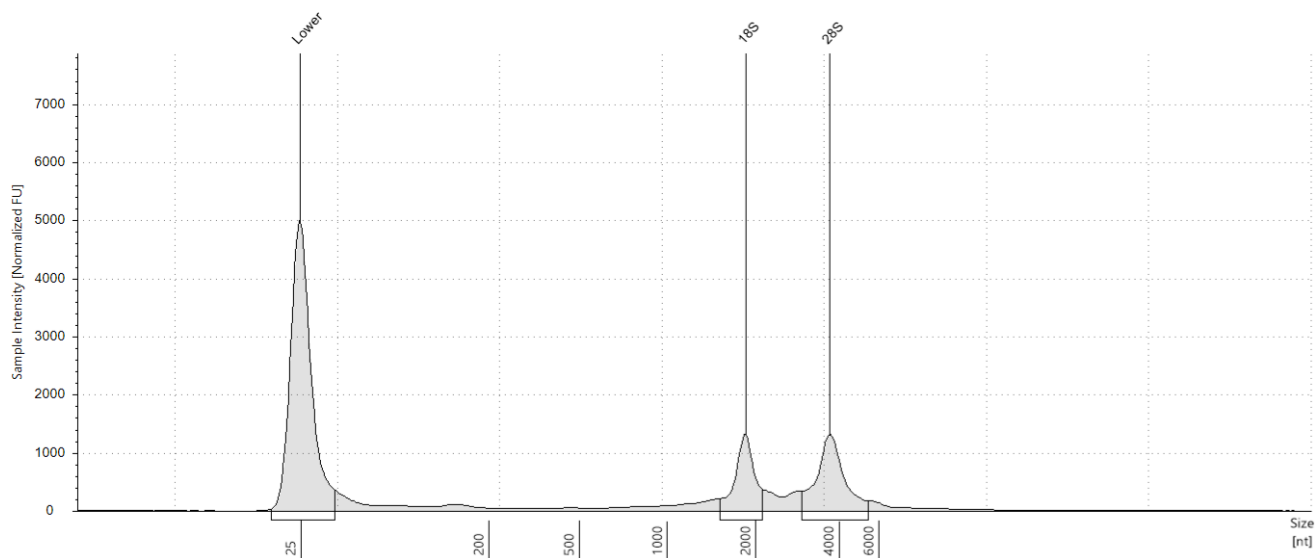| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A5 | 6.2 | 1.3 | 81.5 | 1653 Pacuta Soft (381) | | |

### 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 |
| 1683 | 21.7 | - | 37.9 | 43.24 | | 18S |
| 3382 | 28.5 | - | 24.8 | 56.76 | | 28S |

**B5: 1328 Mcap Soft (407)**



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/μl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| B5 | 9.1 | 1.4 | 21.9 | 1328 Mcap Soft (407) | ⚠ | Sample concentration outside functional range for RINe and the assay |

**Peak Table**

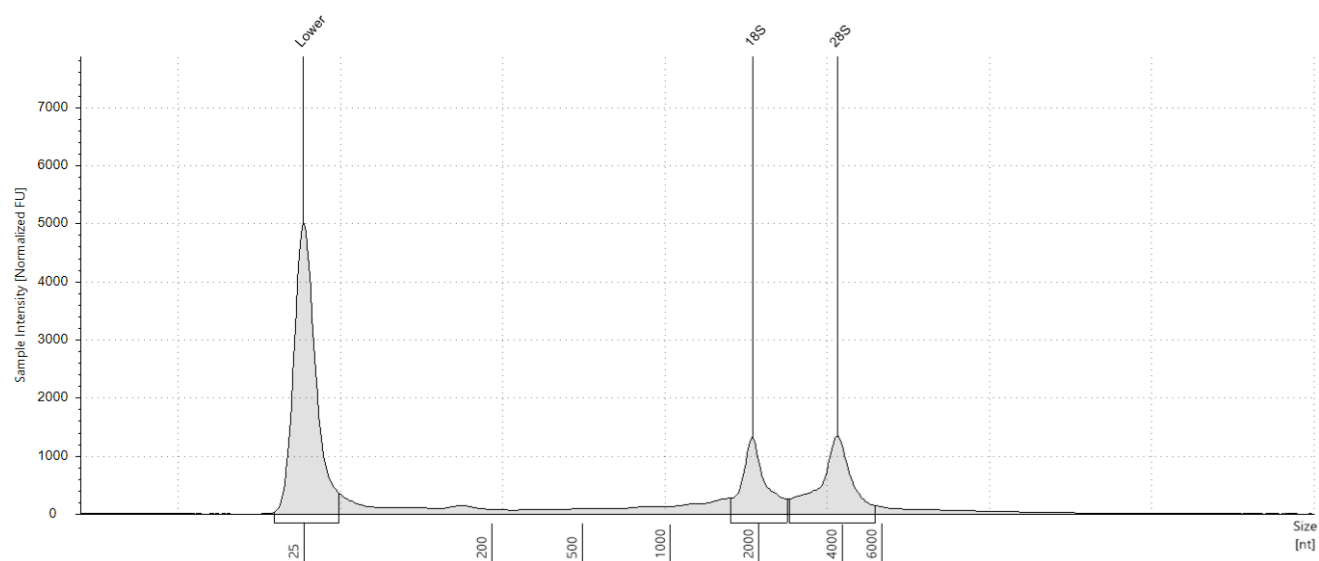| Size [nt] | Calibrated Conc. [ng/μl] | Assigned Conc. [ng/μl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1861 | 5.14 | - | 8.12 | 41.13 | | 18S |
| 3729 | 7.36 | - | 5.80 | 58.87 | | 28S |

**A6: 1579 Mcap Soft (383)**



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A6 | 8.5 | 1.4 | 23.9 | 1579 Mcap Soft (383) | ⚠ | Sample concentration outside functional range for RINe and the assay |

**Peak Table**

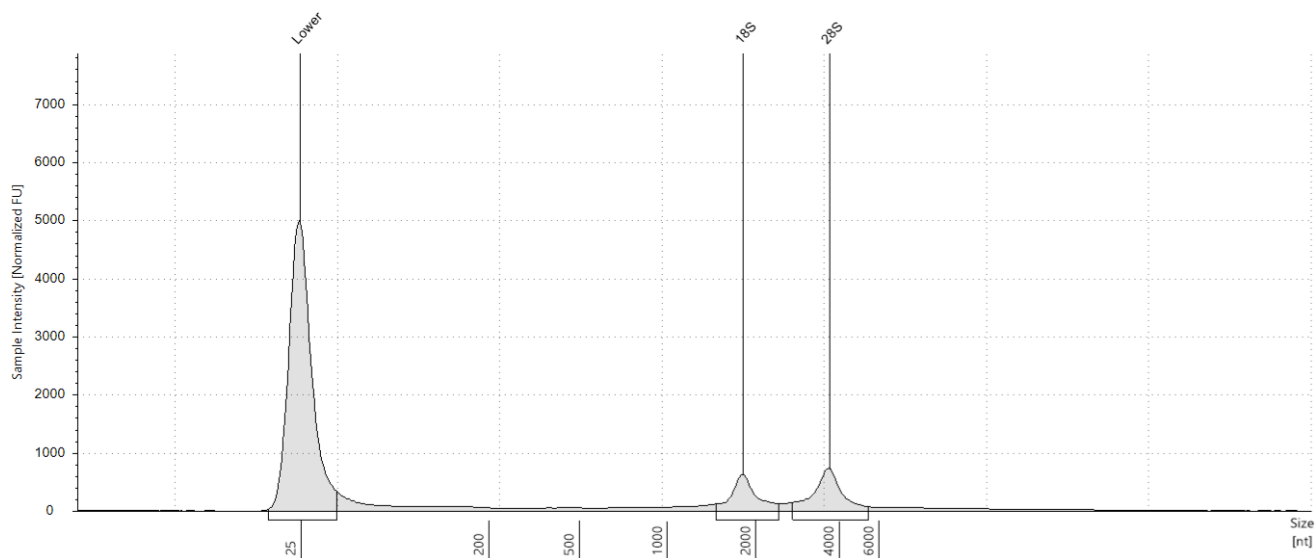| Size [nt] | Calibrated Conc. [ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1913 | 5.89 | - | 9.05 | 41.88 | | 18S |
| 3863 | 8.17 | - | 6.22 | 58.12 | | 28S |

**B6: 1706 Mcap Soft (409)**



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| B6 | 8.8 | 1.3 | 12.8 | 1706 Mcap Soft (409) | ⚠ | Sample concentration outside functional range for RINe and the assay |

**Peak Table**

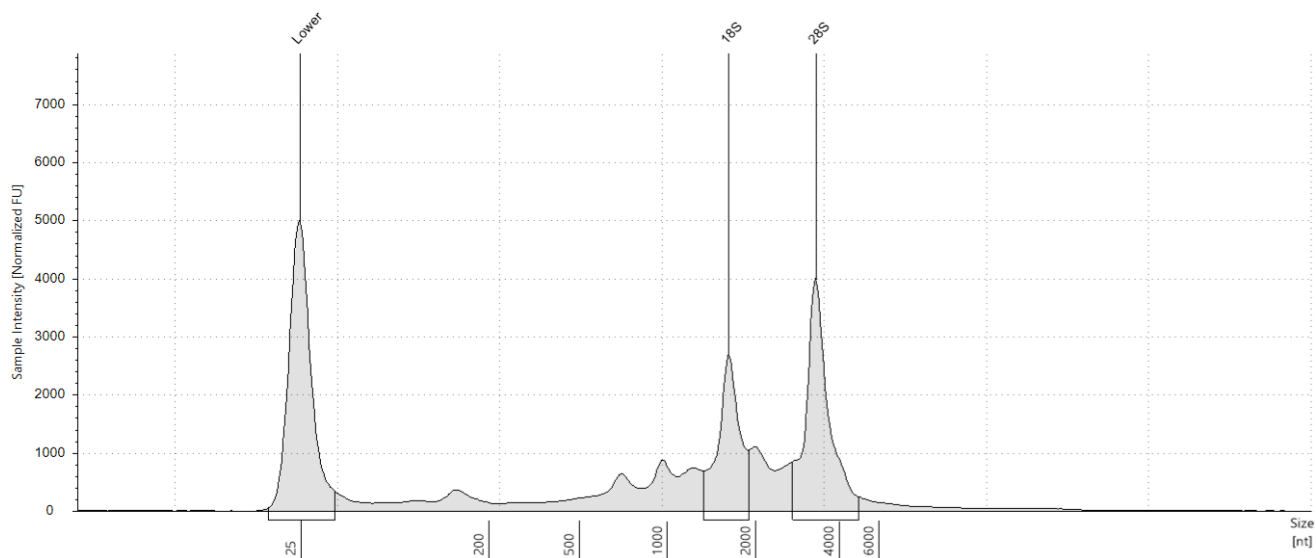| Size [nt] | Calibrated Conc. [ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1820 | 2.87 | - | 4.64 | 43.05 | | 18S |
| 3712 | 3.80 | - | 3.01 | 56.95 | | 28S |

## A7: 2002 Pacuta Soft (385)



**Sample Table**

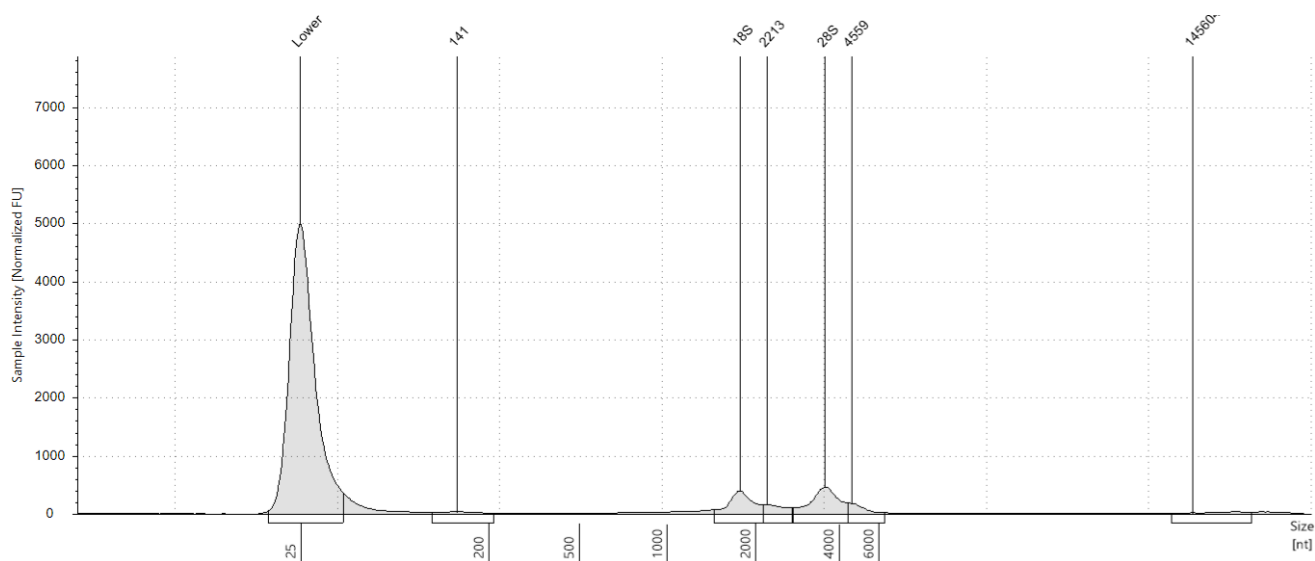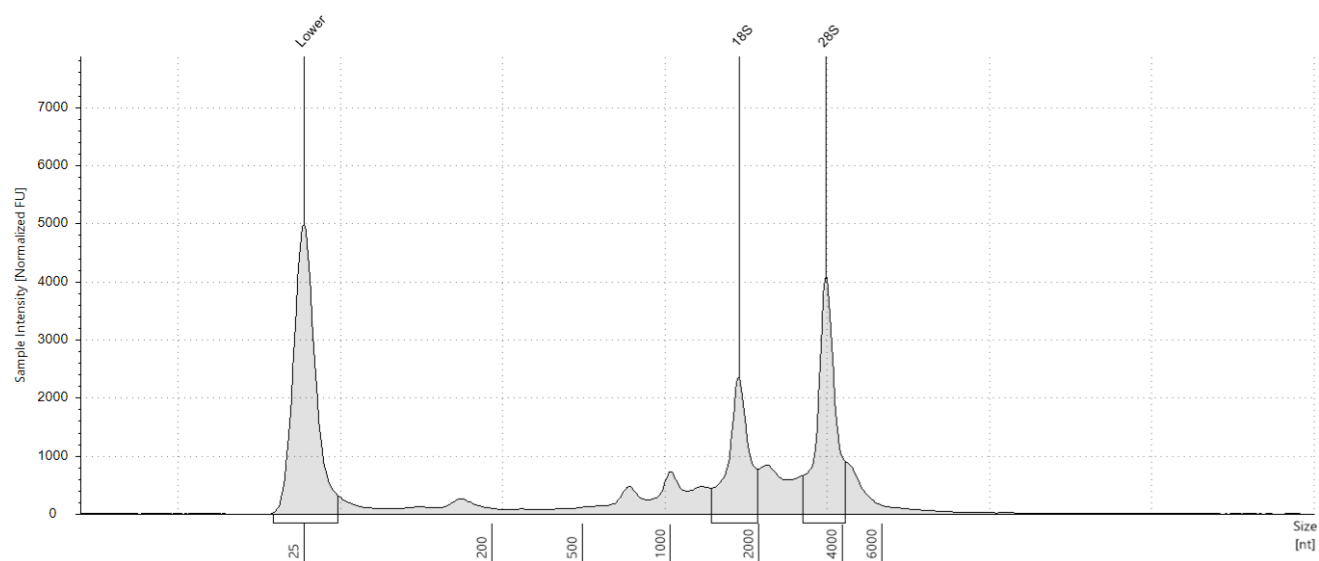| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A7 | 7.1 | 1.5 | 56.1 | 2002 Pacuta Soft (385) | | |

**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 |
| 1627 | 11.3 | - | 20.5 | 39.30 | | 18S |
| 3331 | 17.5 | - | 15.5 | 60.70 | | 28S |

**B7: 2986 Mcap Soft (411)**



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| B7 | - | - | 7.32 | 2986 Mcap Soft (411) | ▲ | Sample concentration outside functional range for RINe and the assay |

**Peak Table**

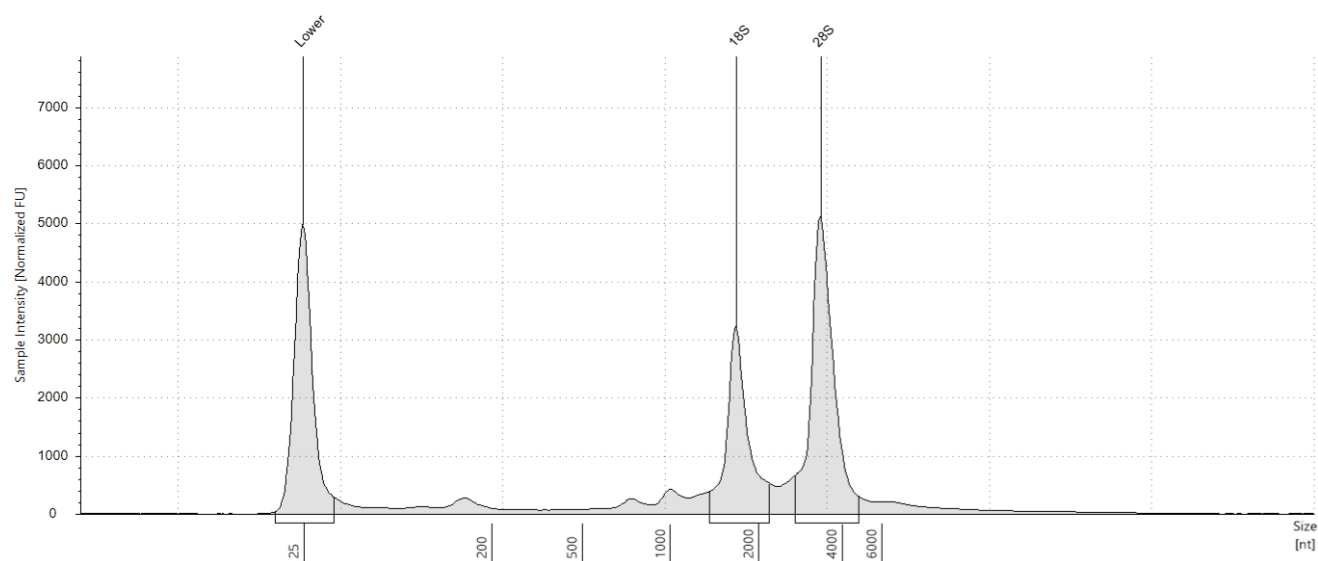| Size [nt] | Calibrated Conc. [ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 141 | 0.229 | - | 4.77 | 4.39 | | |
| 1776 | 1.57 | - | 2.60 | 30.08 | | 18S |
| 2213 | 0.558 | - | 0.741 | 10.70 | | |
| 3585 | 2.11 | - | 1.73 | 40.49 | | 28S |
| 4559 | 0.505 | - | 0.326 | 9.70 | | |
| 145604 | 0.242 | - | 0.00490 | 4.65 | | |

**A8: 2210 Pacuta Soft (387)**



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A8 | 7.8 | 1.5 | 45.4 | 2210 Pacuta Soft (387) | | |

**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 |
| 1724 | 9.26 | - | 15.8 | 39.72 | | 18S |
| 3513 | 14.1 | - | 11.8 | 60.28 | | 28S |

**B8: 2087 Pacuta Soft (315)**



**Sample Table**

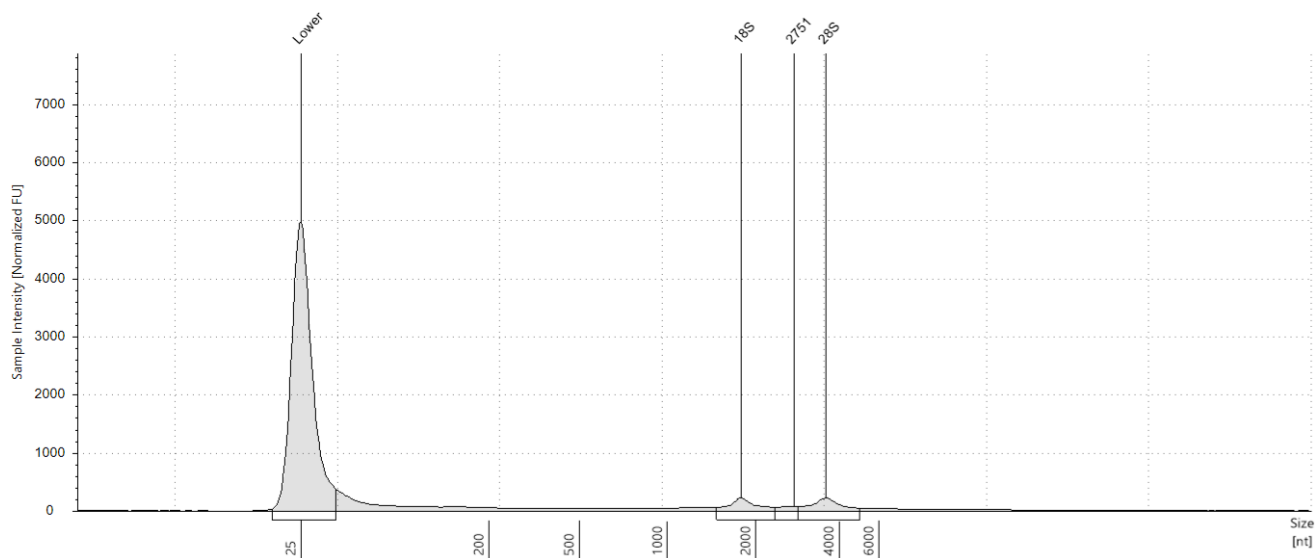| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| B8 | 9.2 | 1.7 | 60.4 | 2087 Pacuta Soft (315) | | |

**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 |
| 1691 | 15.6 | - | 27.1 | 37.28 | | 18S |
| 3375 | 26.2 | - | 22.8 | 62.72 | | 28S |

**A9: 1418 Mcap Soft (389)**



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A9 | - | - | 8.40 | 1418 Mcap Soft (389) | ⚠ | Sample concentration outside functional range for RINe and the assay |

**Peak Table**

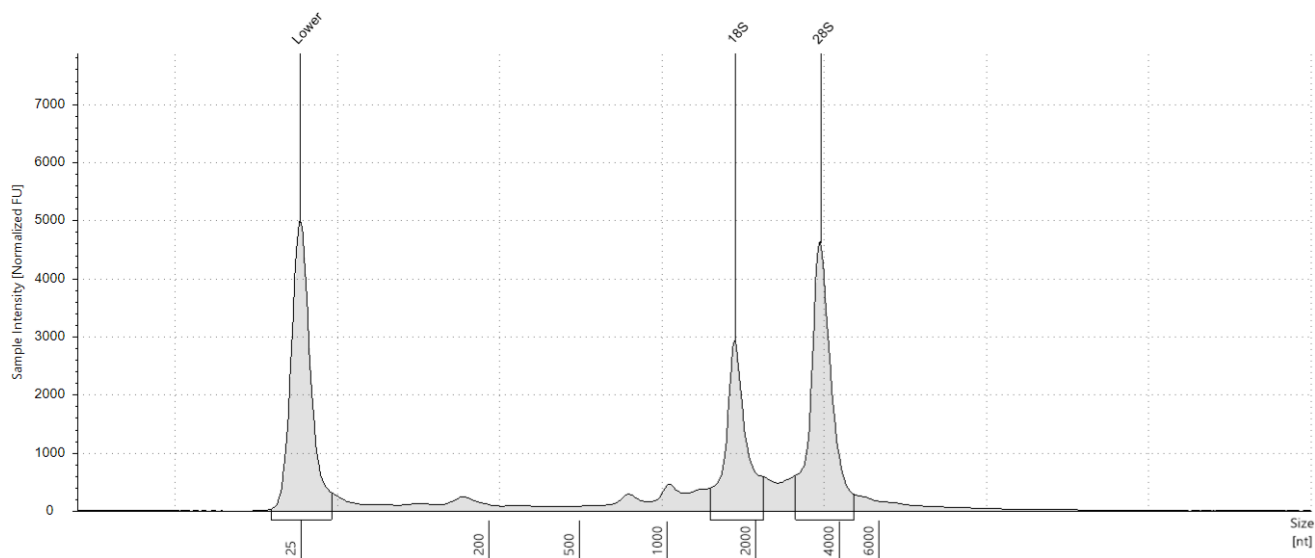| Size [nt] | Calibrated Conc. [ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1789 | 1.16 | - | 1.91 | 42.55 | | 18S |
| 2751 | 0.295 | - | 0.315 | 10.77 | | |
| 3596 | 1.28 | - | 1.04 | 46.68 | | 28S |

**B9: 1059 Pacuta Soft (313)**



**Sample Table**

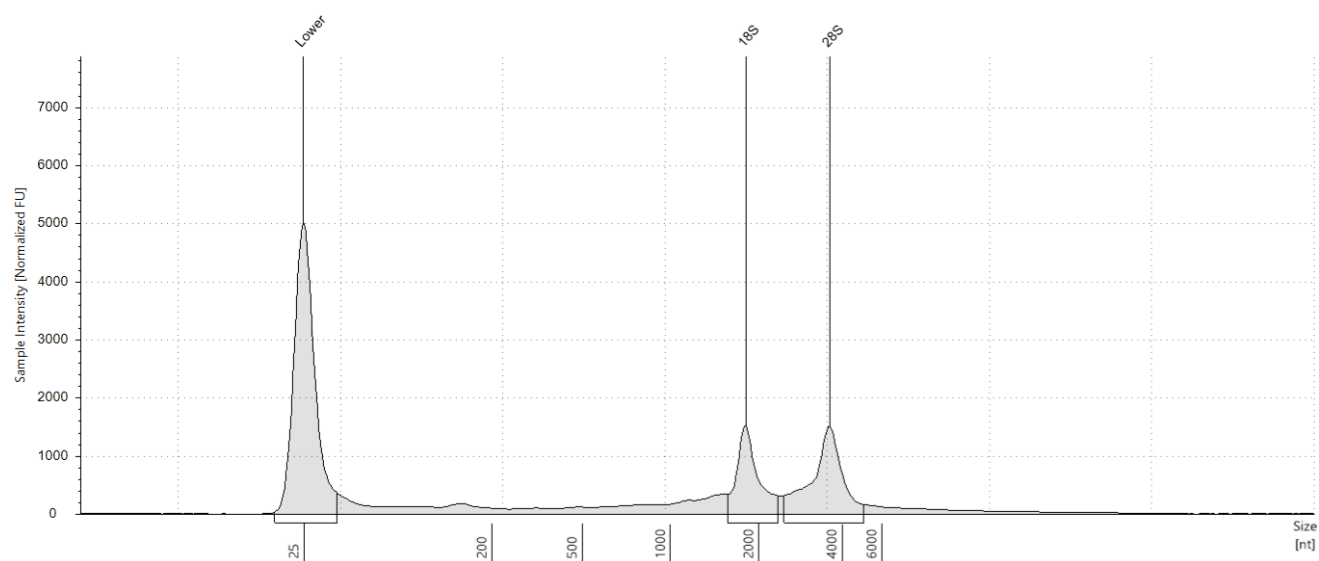| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| B9 | 8.9 | 1.6 | 51.2 | 1059 Pacuta Soft (313) | | |

**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 |
| 1715 | 12.6 | - | 21.7 | 37.91 | | 18S |
| 3456 | 20.7 | - | 17.6 | 62.09 | | 28S |

**A10: 1145 Mcap Soft (391)**



**Sample Table**

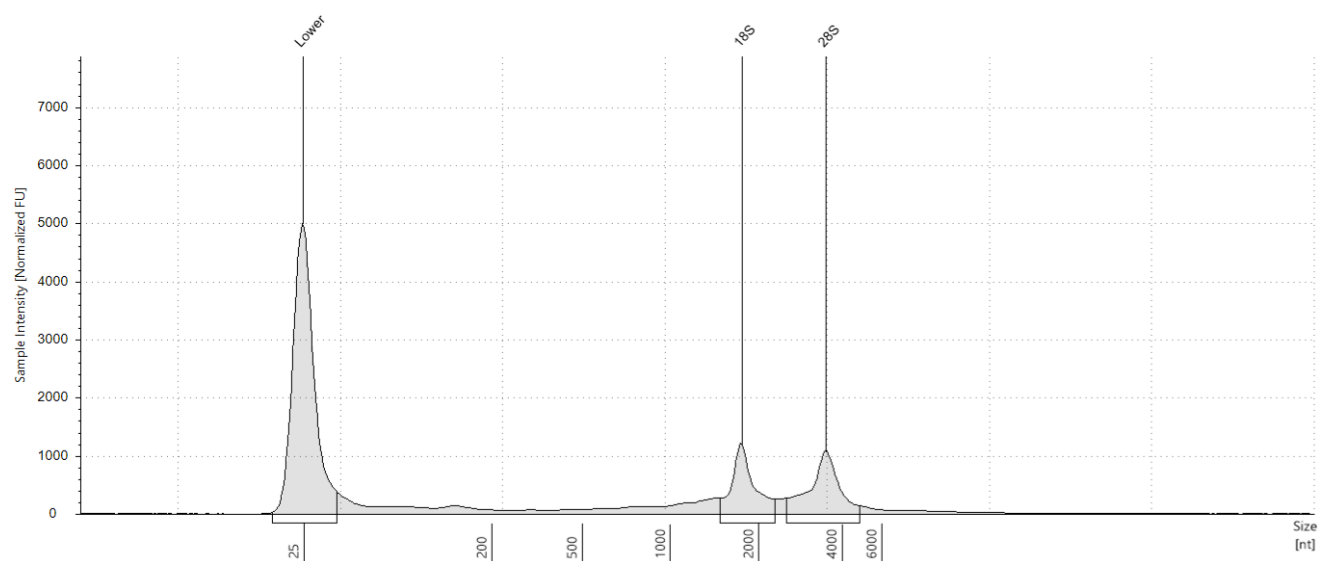| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A10 | 8.3 | 1.4 | 28.0 | 1145 Mcap Soft (391) | | |

**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 |
| 1817 | 6.45 | - | 10.4 | 41.95 | | 18S |
| 3643 | 8.92 | - | 7.21 | 58.05 | | 28S |

## B10: 1101 Mcap Soft (363



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|---------------------|-------|--------------|
| B10 | 8.3 | 1.2 | 20.8 | 1101 Mcap Soft (363 | ⚠ | Sample concentration outside functional range for RINe and the assay |

**Peak Table**

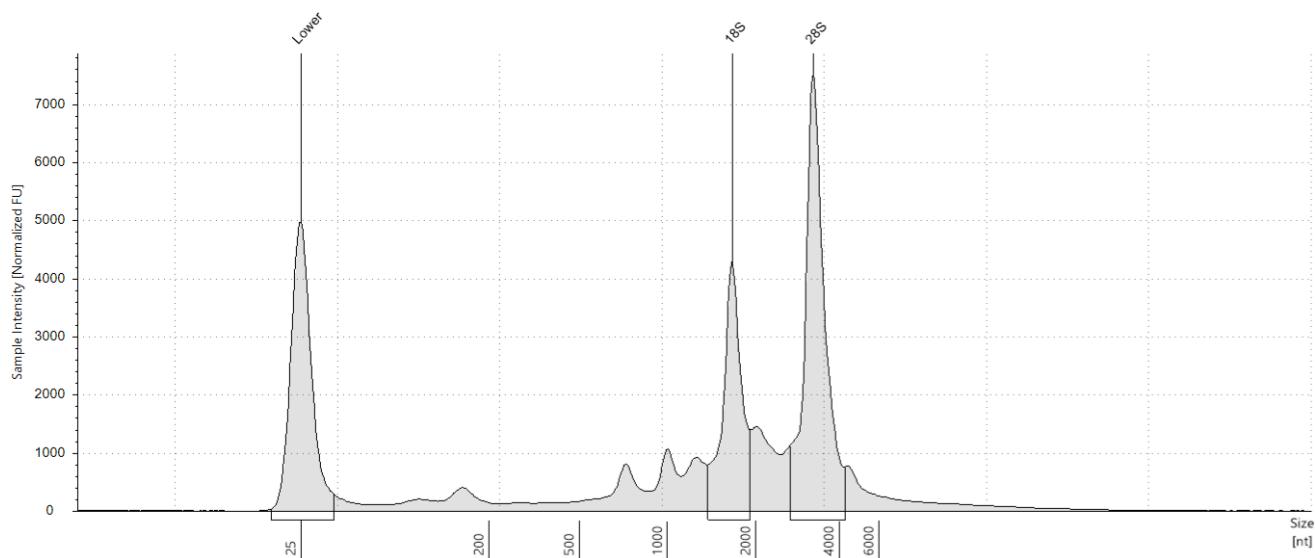| Size [nt] | Calibrated Conc. [ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|---------------------------|-------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1764 | 5.17 | - | 8.62 | 45.92 | | 18S |
| 3527 | 6.09 | - | 5.08 | 54.08 | | 28S |

## A11: 1207 Pacuta Soft (393)



**Sample Table**

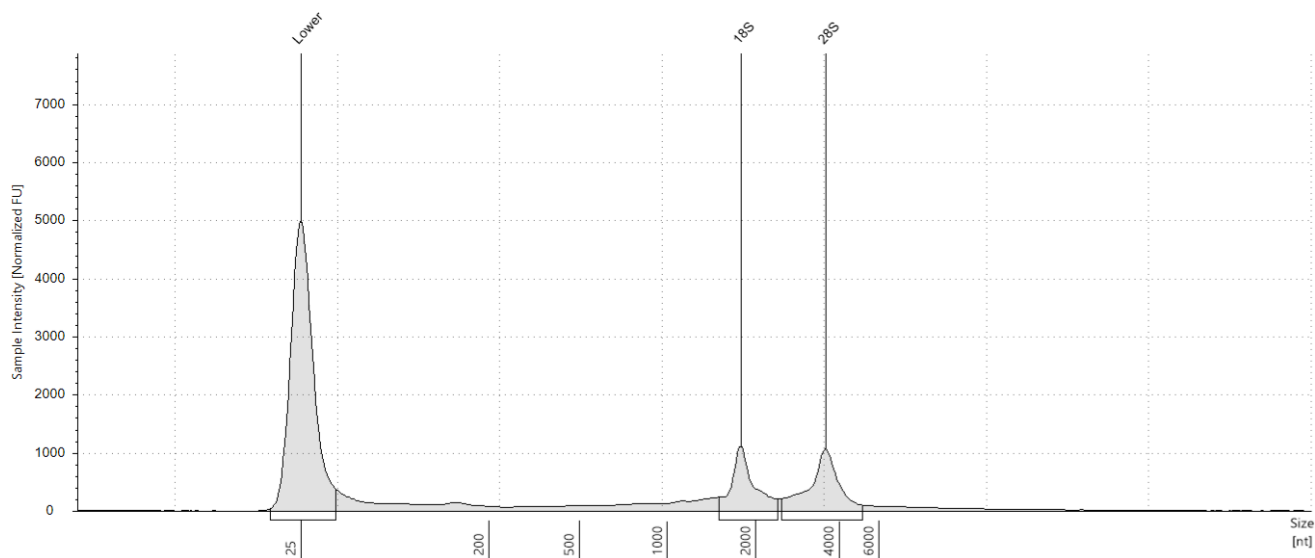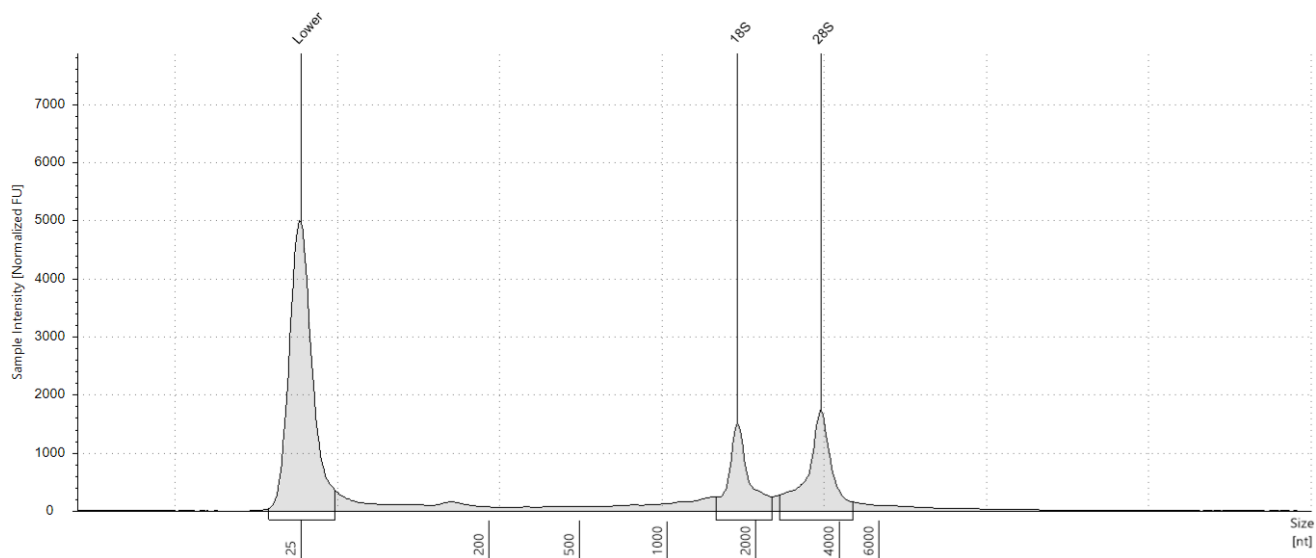| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A11 | 8.1 | 1.9 | 81.2 | 1207 Pacuta Soft (393) | | |

**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 |
| 1672 | 16.3 | - | 28.7 | 34.83 | | 18S |
| 3244 | 30.5 | - | 27.7 | 65.17 | | 28S |

**B11: 1548 Mcap Soft (365)**



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| B11 | 8.4 | 1.3 | 19.4 | 1548 Mcap Soft (365) | ⚠ | 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 |
| 1783 | 4.53 | - | 7.47 | 44.25 | | 18S |
| 3589 | 5.71 | - | 4.68 | 55.75 | | 28S |

## A12: 1652 Mcap Soft (395)



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A12 | 9.1 | 1.4 | 21.9 | 1652 Mcap Soft (395) | ⚠ | 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 |
| 1740 | 5.41 | - | 9.14 | 41.48 | | 18S |
| 3444 | 7.63 | - | 6.51 | 58.52 | | 28S |