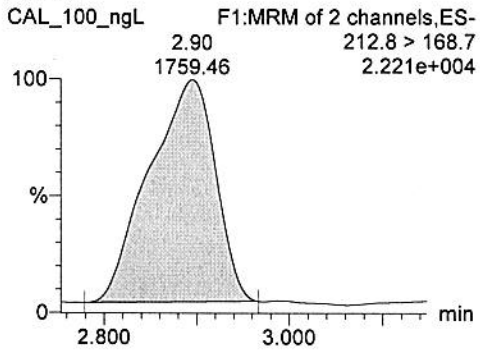
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:35:55 Eastern Daylight Time

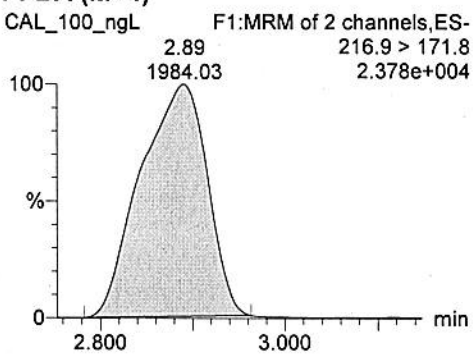
**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:35:21**

**Name: 20180410_8040116_100ngL, Date: 10-Apr-2018, Time: 10:04:59, Description: CAL_100_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:6**

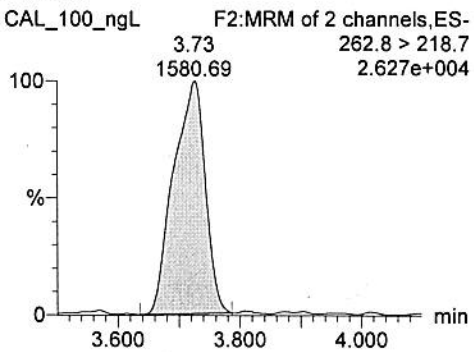
**PFBA**



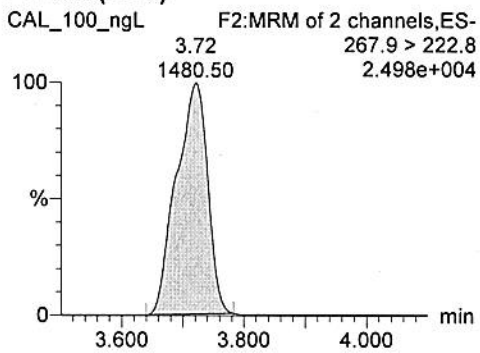

**PFBA (M+4)**



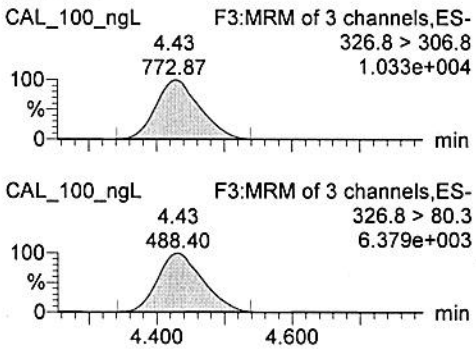

**PFPeA**



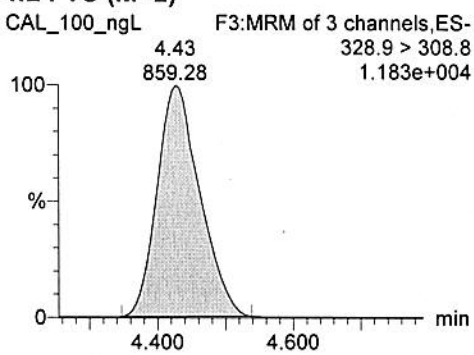

**PFPeA (M+5)**



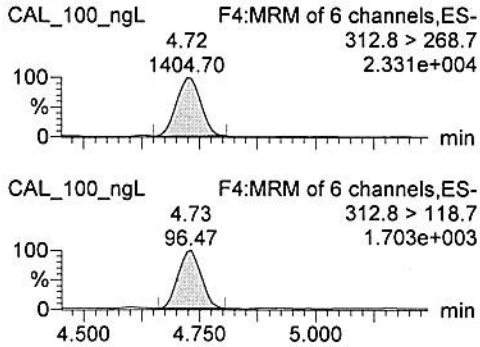

**4:2 FTS**



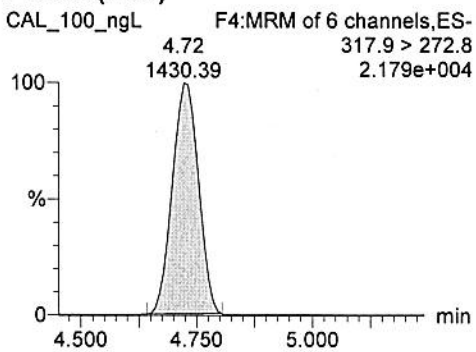

**4:2 FTS (M+2)**



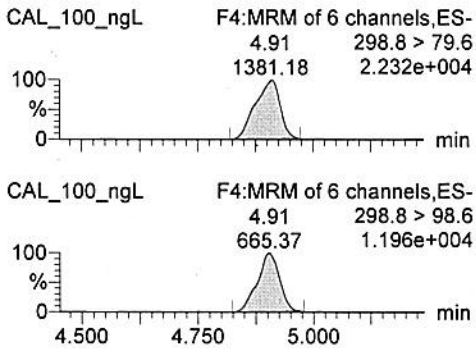

**PFHxA**



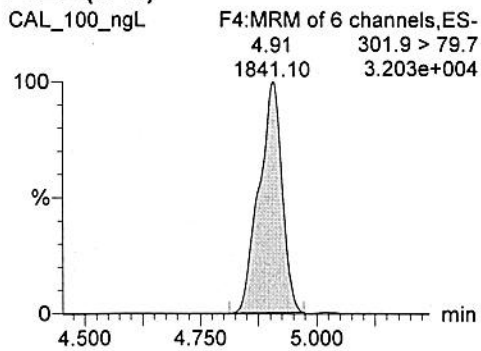

**PFHxA (M+5)**



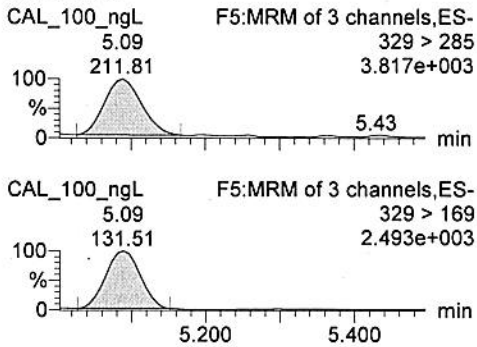

**PFBS**



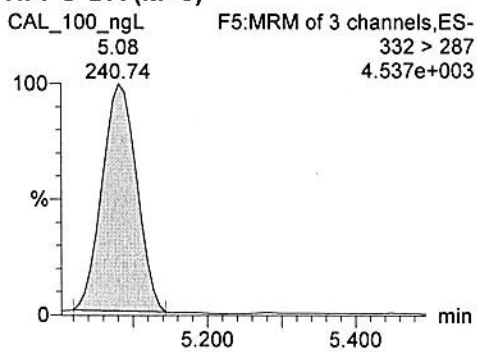

**PFBS (M+3)**




**HFPO-DA**



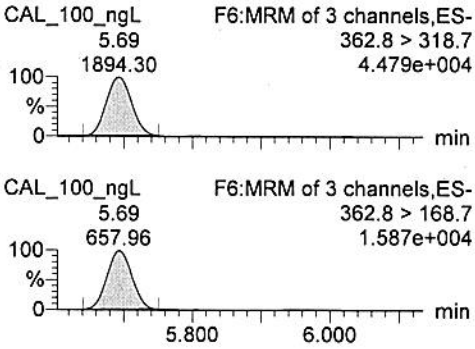

**HFPO-DA (M+3)**



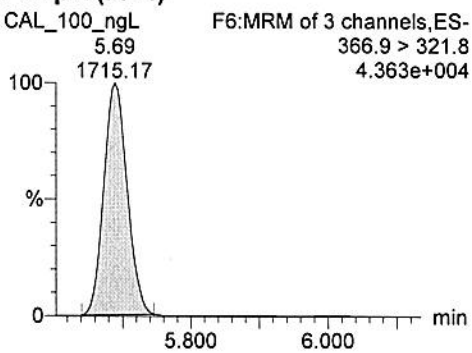
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:35:55 Eastern Daylight Time

**Name: 20180410_8040116_100ngL, Date: 10-Apr-2018, Time: 10:04:59, Description: CAL_100_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:6**

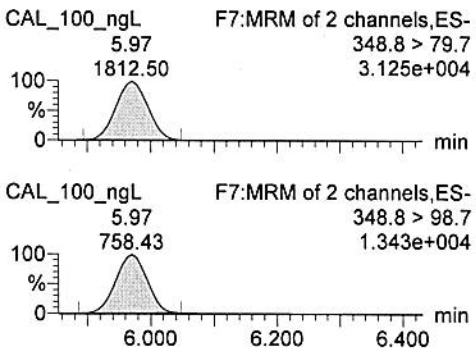
**PFHpA**



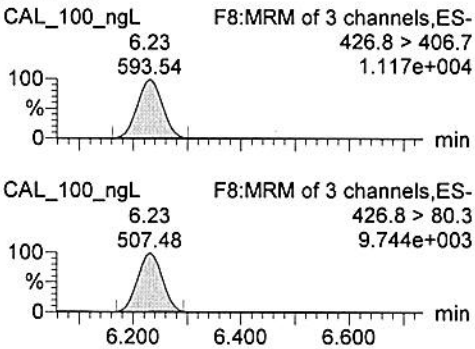

**PFHpA (M+4)**



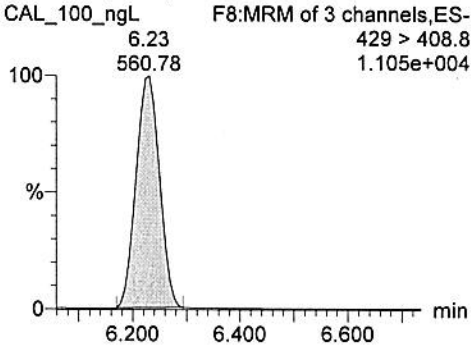

**PFPeS**



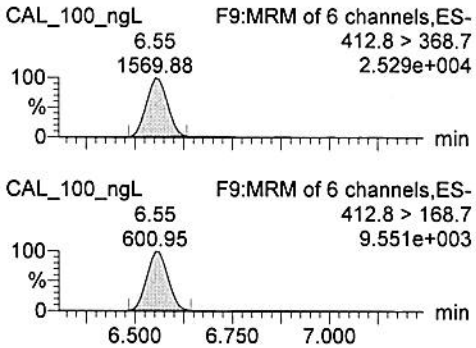

**6:2 FTS**



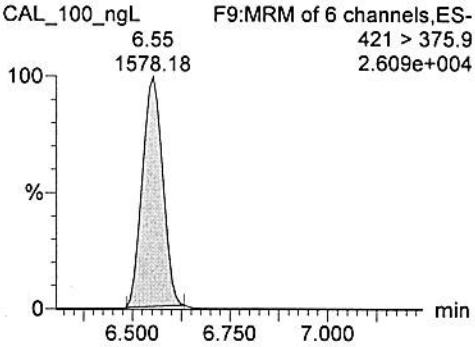

**6:2 FTS (M+2)**



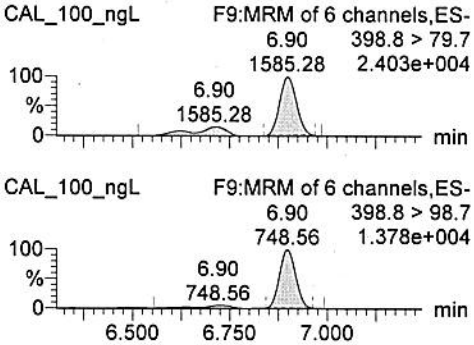

**PFOA**



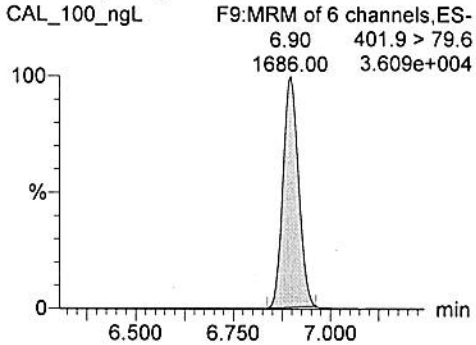

**PFOA (M+8)**



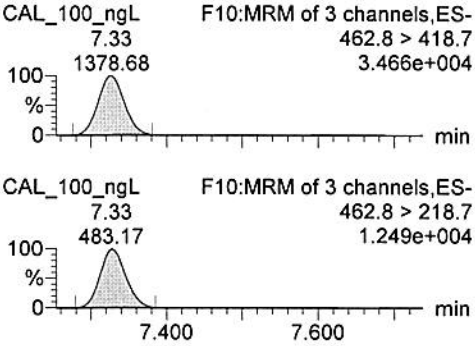

**PFHxS**



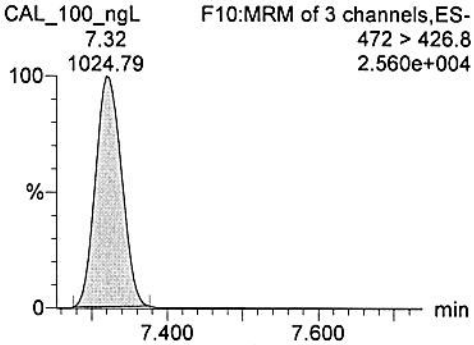

**PFHxS (M+3)**



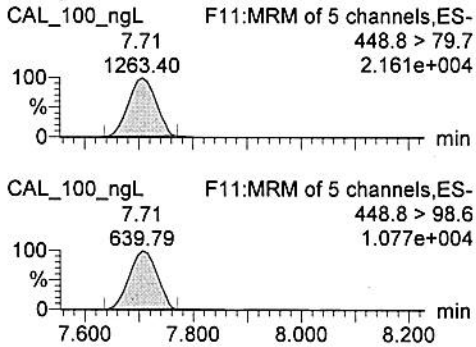

**PFNA**




**PFNA (M+9)**



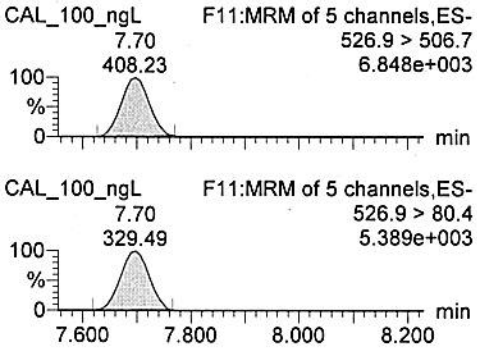

**PFHpS**



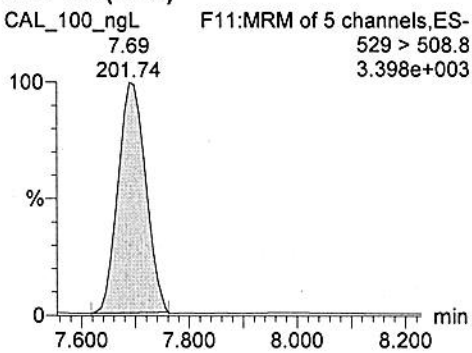
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:35:55 Eastern Daylight Time

**Name: 20180410_8040116_100ngL, Date: 10-Apr-2018, Time: 10:04:59, Description: CAL_100_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:6**

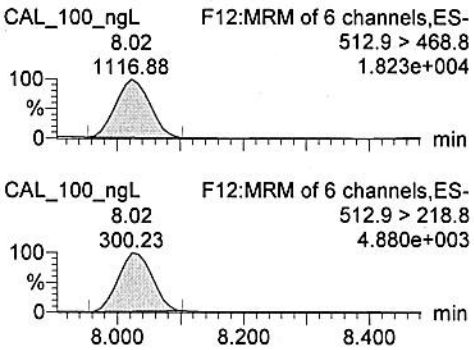
**8:2 FTS**



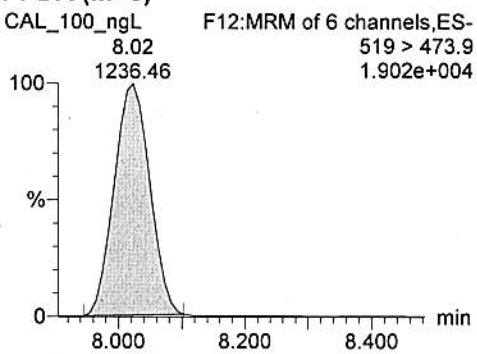

**8:2 FTS (M+2)**



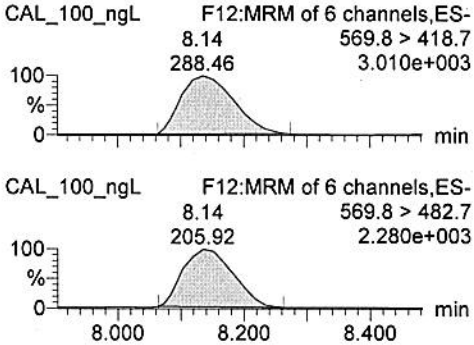

**PFDA**



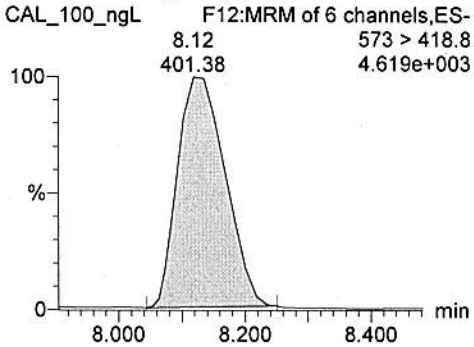

**PFDA (M+6)**



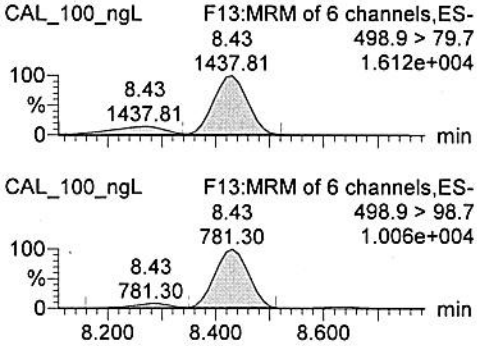

**N-MeFOSAA**



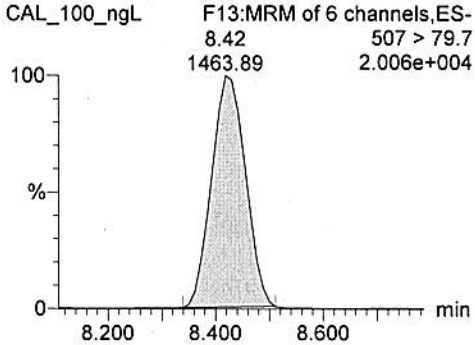

**N-MeFOSAA (M+3)**



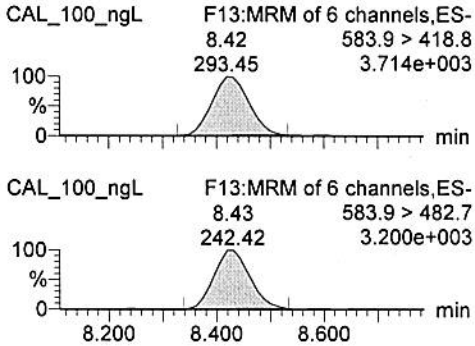

**PFOS**



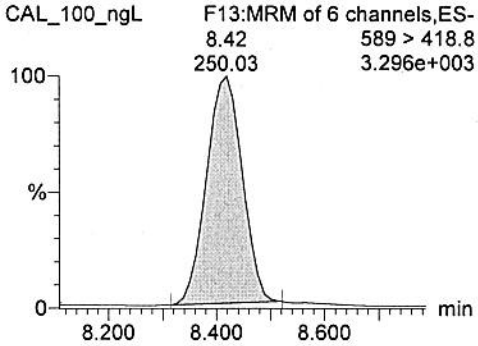

**PFOS (M+8)**



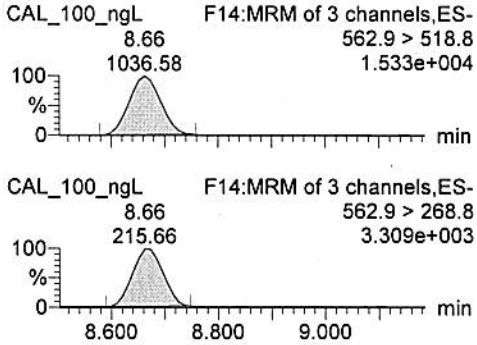

**N-EtFOSAA**



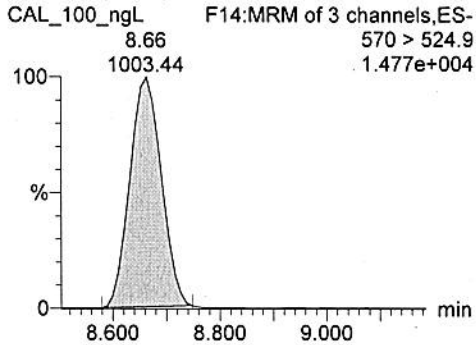

**N-EtFOSAA (M+5)**




**PFUnA**




**PFUnA (M+7)**



**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
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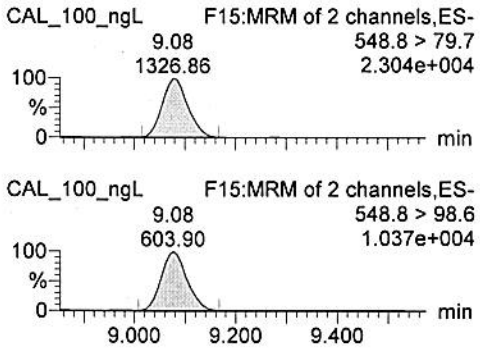
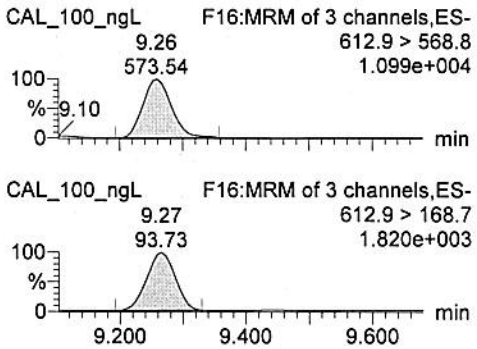
**Name: 20180410_8040116_100ngL, Date: 10-Apr-2018, Time: 10:04:59, Description: CAL_100_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:6**

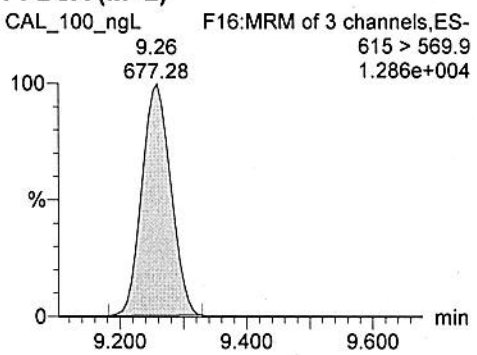
**PFNS**



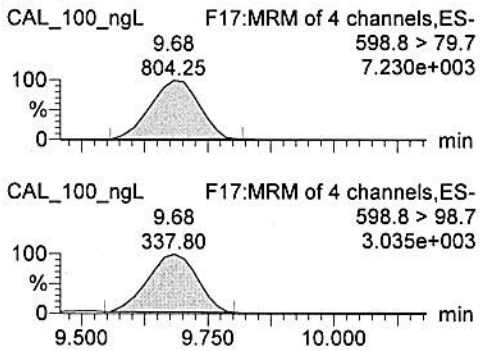

**PFDoA**



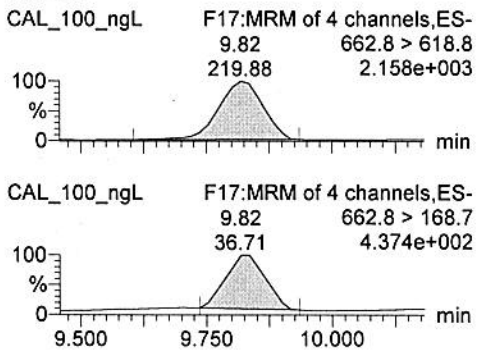

**PFDoA (M+2)**



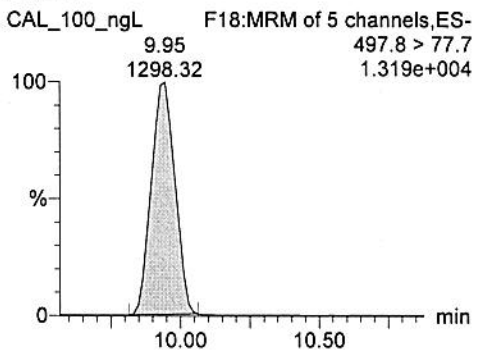

**PFDS**



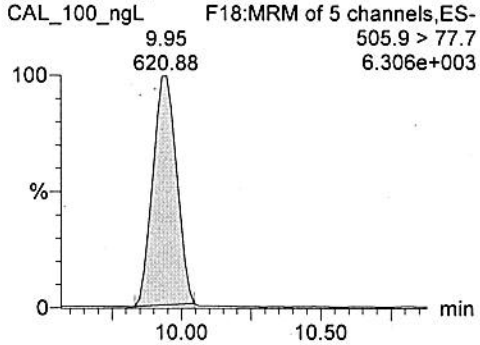

**PFTrA**



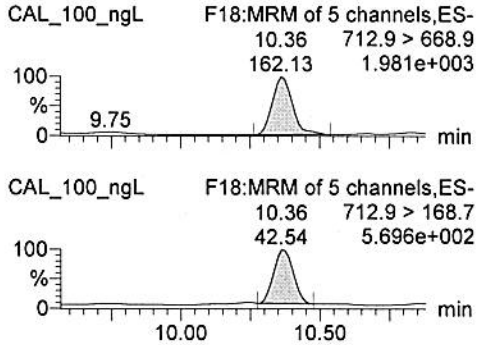

**FOSA**



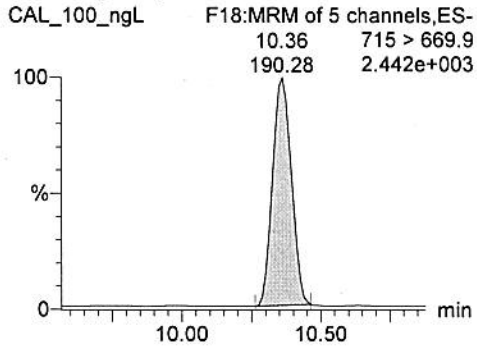

**FOSA (M+8)**




**PFTeA**




**PFTeA (M+2)**



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Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
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**Name: 20180410_8040116_100ngL, Date: 10-Apr-2018, Time: 10:04:59, Description: CAL_100_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:6**

| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFBA | 2.90 | 2.90 | 0.998 | 1759.5 | 93.58 | -6.4 | 1759.460 | bb | | | |
| PFBA (M+4) | 2.89 | 2.89 | 0.998 | 1984.0 | 102.0 | 2.0 | 1984.033 | bb | | | |
| PFPeA | 3.73 | 3.73 | 0.999 | 1580.7 | 101.1 | 1.1 | 1580.690 | bb | | | |
| PFPeA (M+5) | 3.72 | 3.72 | 0.999 | 1480.5 | 97.81 | -2.2 | 1480.496 | bb | | | |
| 4:2 FTS | 4.43 | 4.43 | 0.997 | 772.9 | 93.82 | 0.3 | 772.871 | bb | 1.632 | 1.582 | NO |
| 4:2 FTS (M+2) | 4.43 | 4.43 | 0.998 | 859.3 | 94.21 | 0.8 | 859.282 | bb | | | |
| PFHxA | 4.72 | 4.72 | 0.998 | 1404.7 | 96.74 | -3.3 | 1404.704 | db | 22.751 | 14.561 | YES |
| PFHxA (M+5) | 4.72 | 4.72 | 0.998 | 1430.4 | 95.47 | -4.5 | 1430.390 | bb | | | |
| PFBS | 4.91 | 4.91 | 0.997 | 1381.2 | 85.63 | -3.2 | 1381.180 | bb | 2.147 | 2.076 | NO |
| PFBS (M+3) | 4.91 | 4.91 | 0.999 | 1841.1 | 90.91 | -2.2 | 1841.099 | bb | | | |
| HFPO-DA | 5.08 | 5.09 | 0.993 | 211.8 | 83.61 | -16.4 | 211.811 | bb | 1.720 | 1.611 | NO |
| HFPO-DA (M+3) | 5.09 | 5.08 | 0.990 | 240.7 | 106.4 | 6.4 | 240.742 | bb | | | |
| PFHpA | 5.69 | 5.69 | 0.998 | 1894.3 | 91.22 | -8.8 | 1894.299 | bb | 3.390 | 2.879 | NO |
| PFHpA (M+4) | 5.69 | 5.69 | 0.998 | 1715.2 | 99.15 | -0.9 | 1715.173 | bb | | | |
| PFPeS | 5.97 | 5.97 | 0.999 | 1812.5 | 90.61 | -3.6 | 1812.501 | bb | 2.226 | 2.390 | NO |
| 6:2 FTS | 6.23 | 6.23 | 0.996 | 593.5 | 80.02 | -15.8 | 593.543 | bb | 1.154 | 1.170 | NO |
| 6:2 FTS (M+2) | 6.23 | 6.23 | 0.997 | 560.8 | 93.78 | -1.3 | 560.783 | bb | | | |
| PFOA | 6.56 | 6.55 | 0.998 | 1569.9 | 89.06 | -10.9 | 1569.876 | bb | 2.382 | 2.612 | NO |
| PFOA (M+8) | 6.55 | 6.55 | 0.999 | 1578.2 | 110.6 | 10.6 | 1578.178 | bb | | | |
| PFHxS | 6.90 | 6.90 | 0.997 | 1585.3 | 96.81 | 6.2 | 1585.276 | MM JG | 1.697 | 2.118 | NO |
| PFHxS (M+3) | 6.90 | 6.90 | 0.998 | 1686.0 | 97.56 | 3.2 | 1686.002 | bb 4/23/18 | | | |
| PFNA | 7.33 | 7.33 | 0.999 | 1378.7 | 104.6 | 4.6 | 1378.681 | bb | 2.576 | 2.853 | NO |
| PFNA (M+9) | 7.32 | 7.32 | 0.999 | 1024.8 | 100.2 | 0.2 | 1024.789 | bb | | | |
| PFHpS | 7.71 | 7.71 | 0.999 | 1263.4 | 89.64 | -5.6 | 1263.399 | bb | 1.979 | 1.975 | NO |
| 8:2 FTS | 7.70 | 7.70 | 0.995 | 408.2 | 91.22 | 3.1 | 408.234 | bb | 1.092 | 1.239 | NO |
| 8:2 FTS (M+2) | 7.70 | 7.69 | 0.996 | 201.7 | 91.69 | 3.6 | 201.744 | bb | | | |
| PFDA | 8.02 | 8.02 | 0.998 | 1116.9 | 97.62 | -2.4 | 1116.876 | bb | 3.514 | 3.720 | NO |
| PFDA (M+6) | 8.02 | 8.02 | 0.999 | 1236.5 | 104.9 | 4.9 | 1236.464 | bb | | | |
| N-MeFOSAA | 8.15 | 8.14 | 0.987 | 288.5 | 86.14 | -13.9 | 288.456 | bb | 1.143 | 1.401 | NO |
| N-MeFOSAA (M+3) | 8.14 | 8.12 | 0.975 | 401.4 | 109.0 | 9.0 | 401.382 | bb | | | |
| PFOS | 8.43 | 8.43 | 0.997 | 1437.8 | 81.00 | -12.4 | 1437.814 | MM JG | 2.253 | 1.840 | NO |
| PFOS (M+8) | 8.43 | 8.42 | 0.997 | 1463.9 | 94.47 | -1.3 | 1463.893 | bb 4/23/18 | | | |
| N-EtFOSAA | 8.43 | 8.42 | 0.996 | 293.4 | 104.8 | 4.8 | 293.446 | bb | 1.604 | 1.211 | NO |
| N-EtFOSAA (M+5) | 8.41 | 8.42 | 0.996 | 250.0 | 113.7 | 13.7 | 250.034 | bb | | | |
| PFUnA | 8.66 | 8.66 | 0.997 | 1036.6 | 111.2 | 11.2 | 1036.584 | bb | 4.173 | 4.806 | NO |
| PFUnA (M+7) | 8.66 | 8.66 | 0.998 | 1003.4 | 104.4 | 4.4 | 1003.440 | bb | | | |
| PFNS | 9.08 | 9.08 | 0.999 | 1326.9 | 89.21 | 0.8 | 1326.862 | bb | 1.976 | 2.197 | NO |
| PFDoA | 9.26 | 9.26 | 0.993 | 573.5 | 101.6 | 1.6 | 573.537 | bb | 4.930 | 6.119 | NO |
| PFDoA (M+2) | 9.26 | 9.26 | 0.995 | 677.3 | 99.26 | -0.7 | 677.279 | bb | | | |
| PFDS | 9.68 | 9.68 | 0.993 | 804.3 | 117.7 | 22.0 | 804.251 | bb | 2.570 | 2.381 | NO |
| PFTrA | 9.82 | 9.82 | 0.968 | 219.9 | 82.37 | -17.6 | 219.880 | bb | 3.721 | 5.990 | YES |
| FOSA | 9.95 | 9.95 | 0.997 | 1298.3 | 104.4 | 4.4 | 1298.315 | bb | | | |
| FOSA (M+8) | 9.95 | 9.95 | 0.999 | 620.9 | 91.25 | -8.8 | 620.878 | bb | | | |
| PFTeA | 10.37 | 10.36 | 0.993 | 162.1 | 121.4 | 21.4 | 162.127 | bb | 3.077 | 3.811 | NO |
| PFTeA (M+2) | 10.36 | 10.36 | 0.987 | 190.3 | 119.7 | 19.7 | 190.280 | bb | | | |

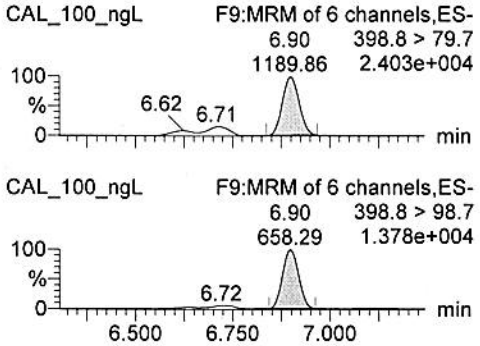
4/24/18

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 07:59:30 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040116_100ngL, Date: 10-Apr-2018, Time: 10:04:59, Description: CAL_100_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:6**

**PFHxS**




original
JG 4/23/18
2/4/24/18

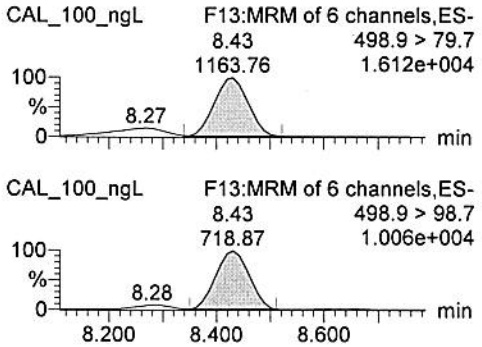
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFHxS | 6.90 | 6.90 | 0.998 | 1189.9 | 92.52 | 1.4 | 1189.857 | bb | 1.697 | 1.808 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 08:00:02 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040116_100ngL, Date: 10-Apr-2018, Time: 10:04:59, Description: CAL_100_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:6**

**PFOS**




original
JG 4/23/18
2/4/24/18

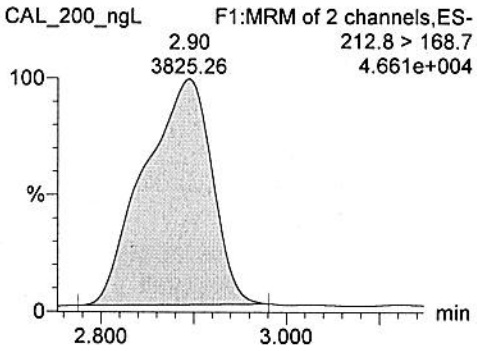
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFOS | 8.43 | 8.43 | 0.997 | 1163.8 | 86.79 | -6.2 | 1163.756 | db | 2.253 | 1.619 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:59:17 Eastern Daylight Time

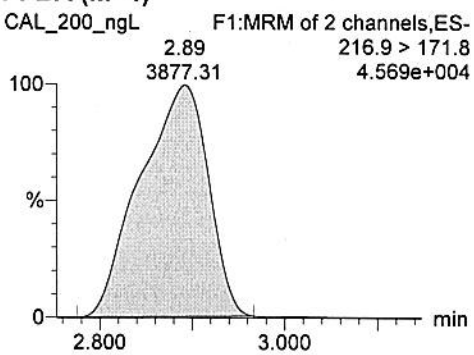
**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:35:21**

**Name: 20180410_8040117_200ngL, Date: 10-Apr-2018, Time: 10:27:28, Description: CAL_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:7**

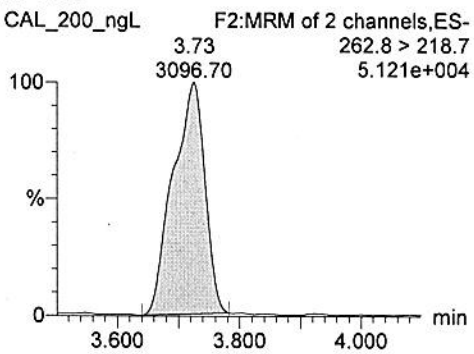
**PFBA**



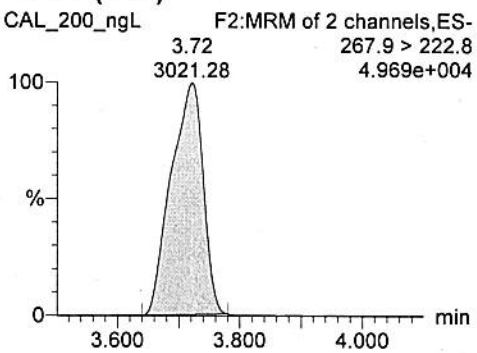

**PFBA (M+4)**



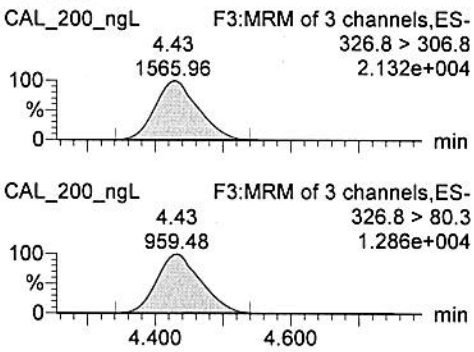

**PFPeA**



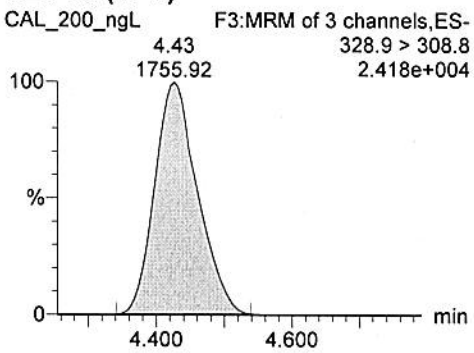

**PFPeA (M+5)**



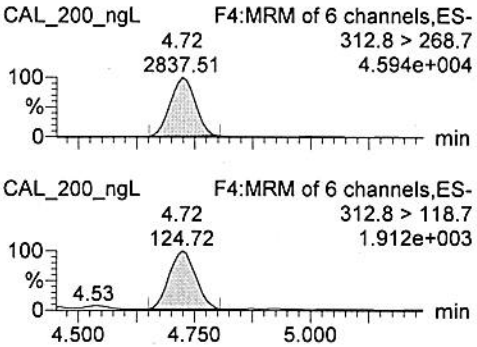

**4:2 FTS**



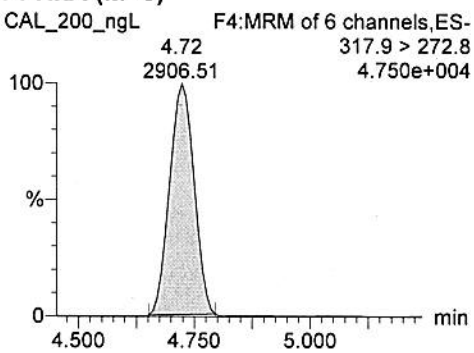

**4:2 FTS (M+2)**



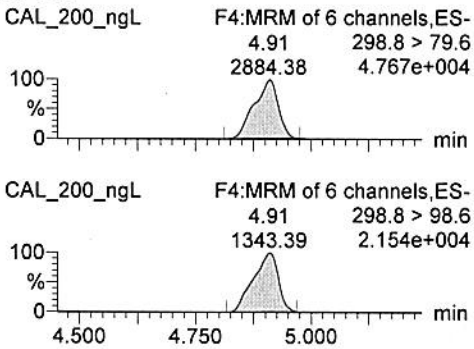

**PFHxA**



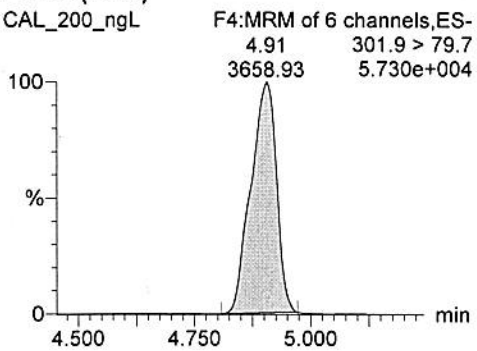

**PFHxA (M+5)**



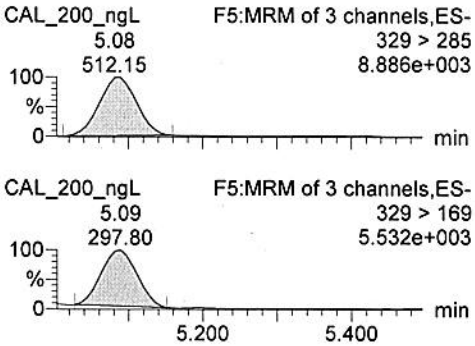

**PFBS**



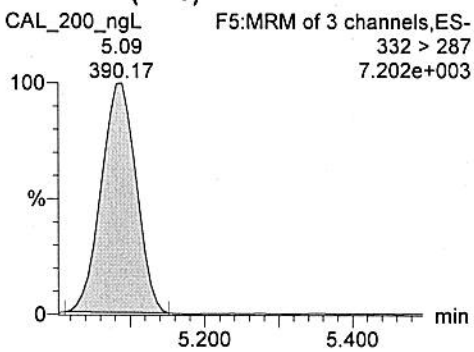

**PFBS (M+3)**




**HFPO-DA**



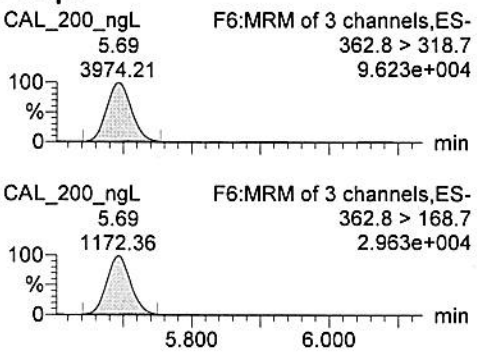

**HFPO-DA (M+3)**



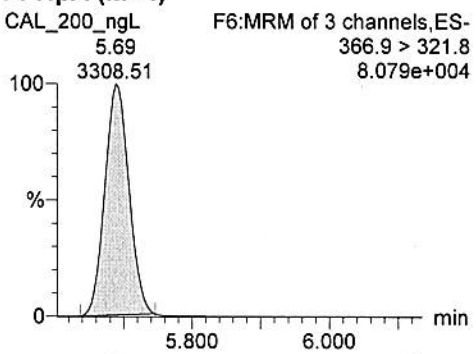
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:59:17 Eastern Daylight Time

**Name: 20180410_8040117_200ngL, Date: 10-Apr-2018, Time: 10:27:28, Description: CAL_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:7**

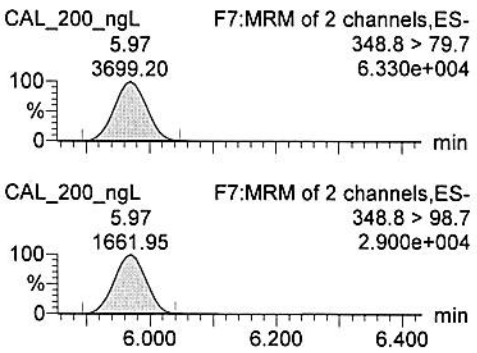
**PFHpA**



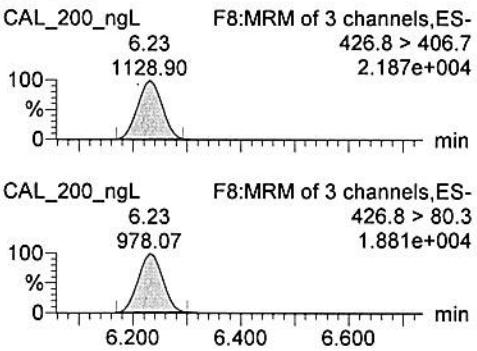

**PFHpA (M+4)**



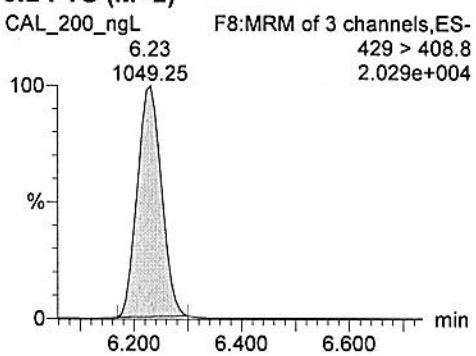

**PFPeS**



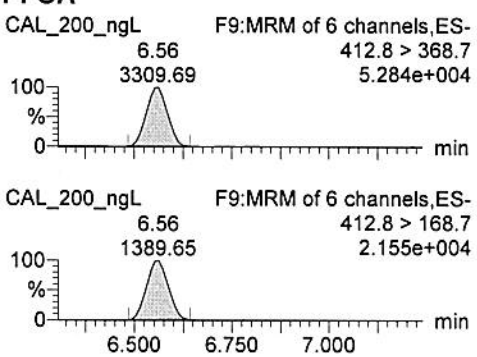

**6:2 FTS**



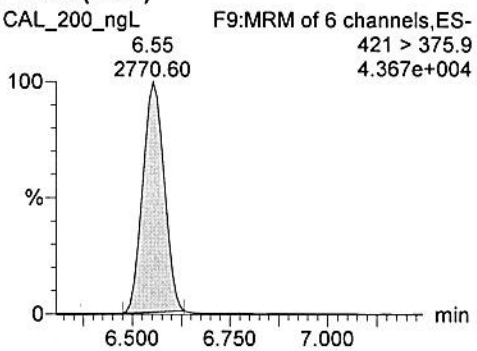

**6:2 FTS (M+2)**



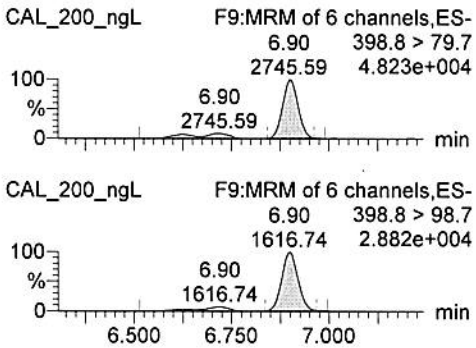

**PFOA**



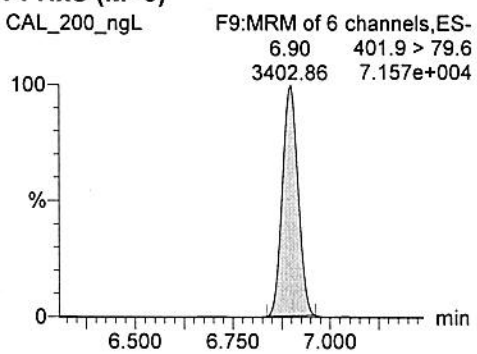

**PFOA (M+8)**



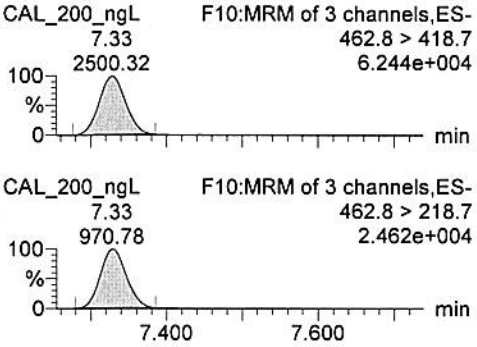

**PFHxS**



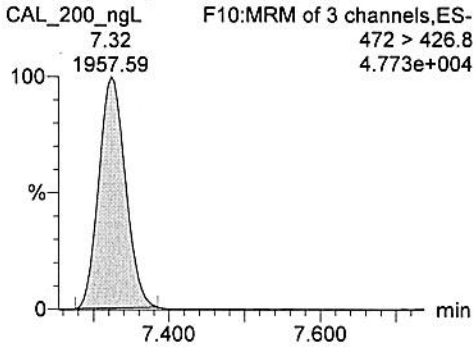

**PFHxS (M+3)**



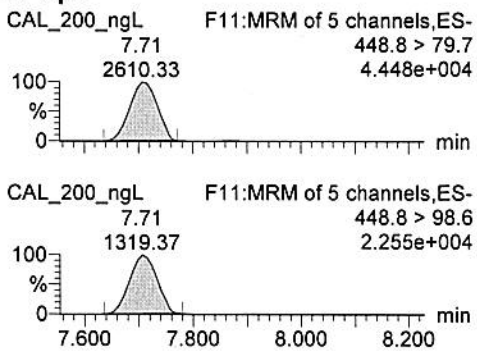

**PFNA**




**PFNA (M+9)**



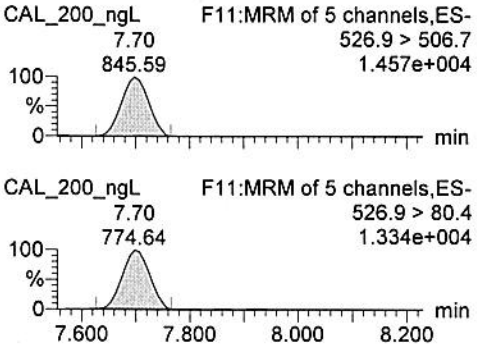

**PFHpS**



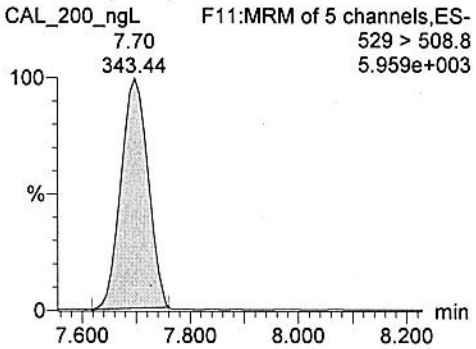
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:59:17 Eastern Daylight Time

**Name: 20180410_8040117_200ngL, Date: 10-Apr-2018, Time: 10:27:28, Description: CAL_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:7**

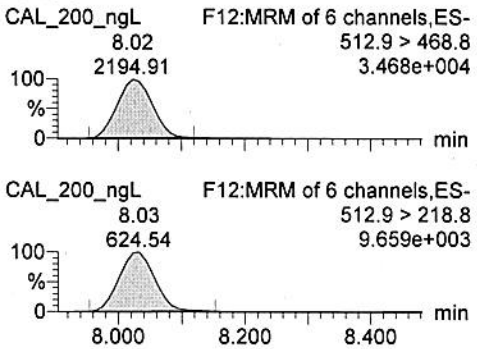
**8:2 FTS**



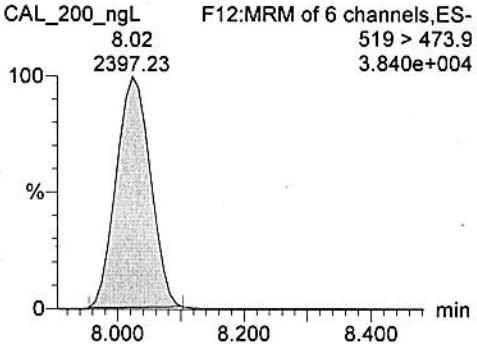

**8:2 FTS (M+2)**



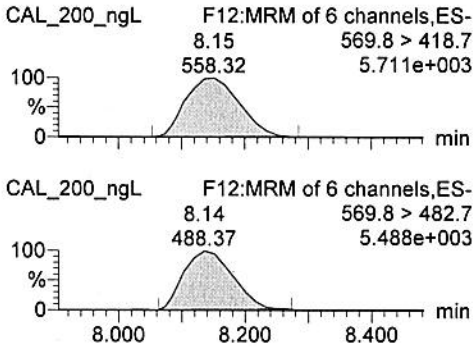

**PFDA**



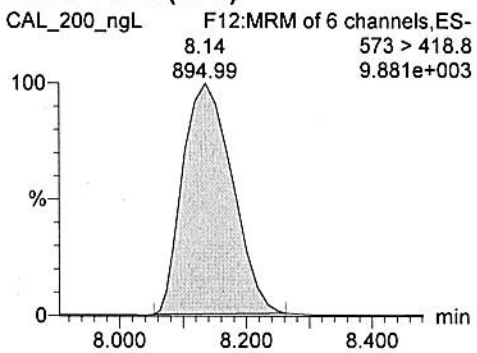

**PFDA (M+6)**



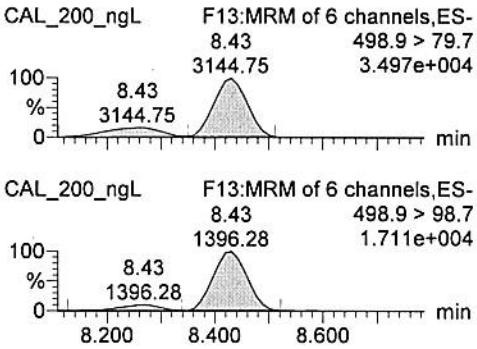

**N-MeFOSAA**



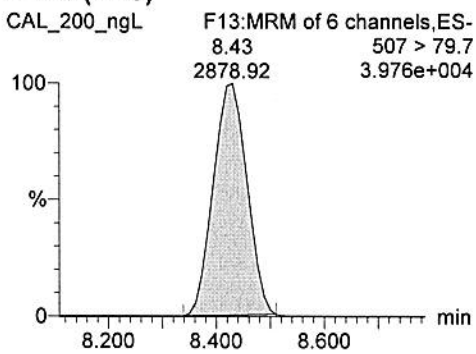

**N-MeFOSAA (M+3)**



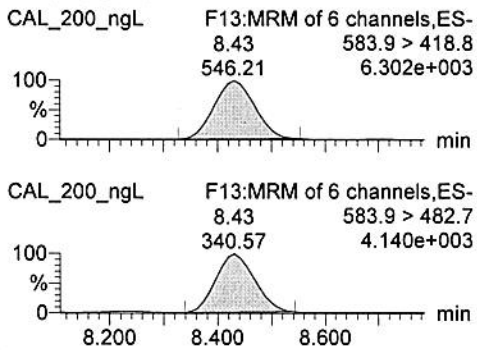

**PFOS**



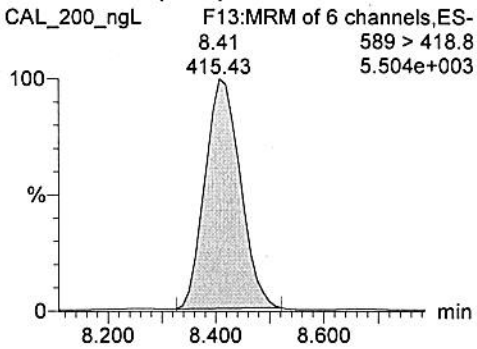

**PFOS (M+8)**



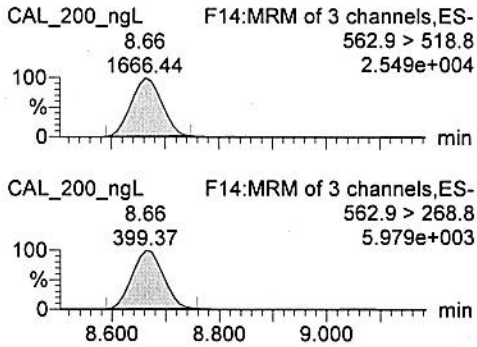

**N-EtFOSAA**



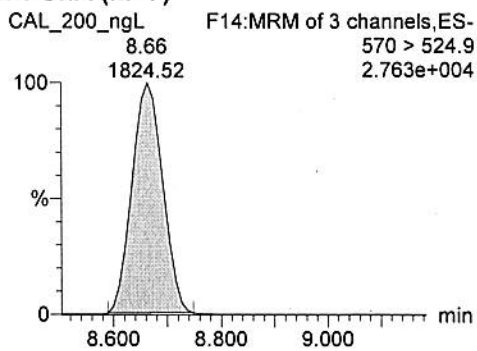

**N-EtFOSAA (M+5)**




**PFUnA**



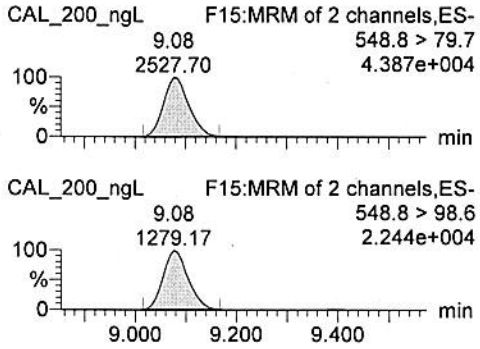

**PFUnA (M+7)**



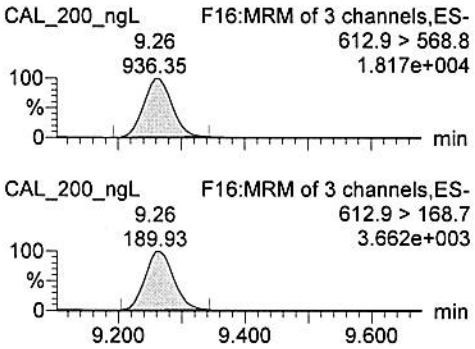
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:59:17 Eastern Daylight Time

**Name: 20180410_8040117_200ngL, Date: 10-Apr-2018, Time: 10:27:28, Description: CAL_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:7**

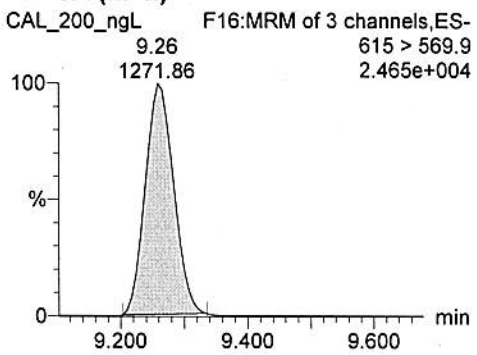
**PFNS**



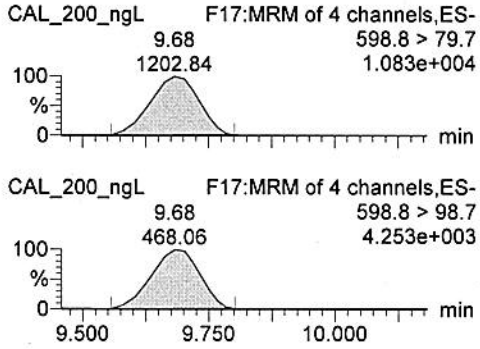

**PFDoA**



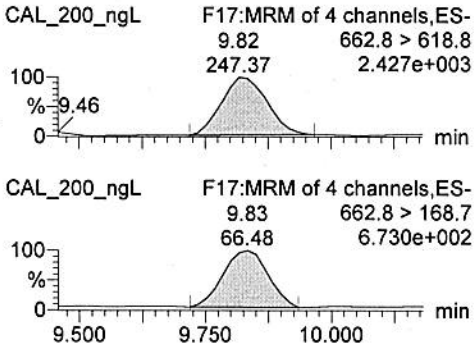

**PFDoA (M+2)**



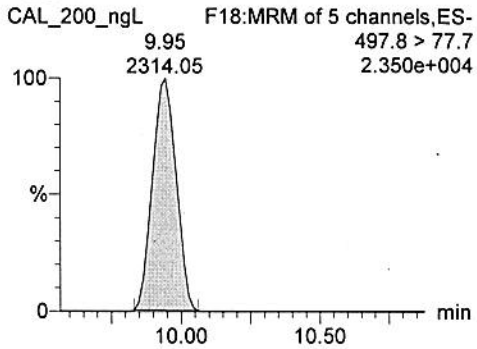

**PFDS**



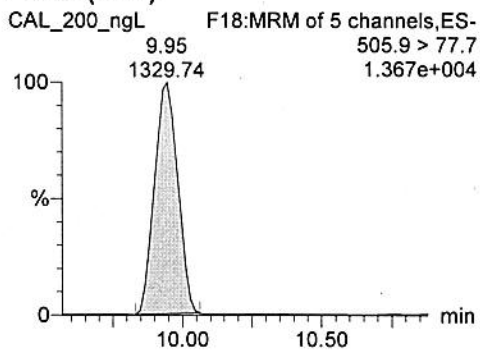

**PFTrA**



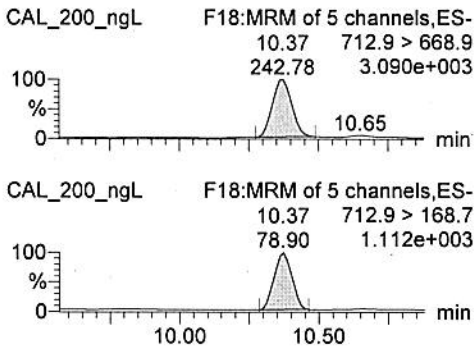

**FOSA**



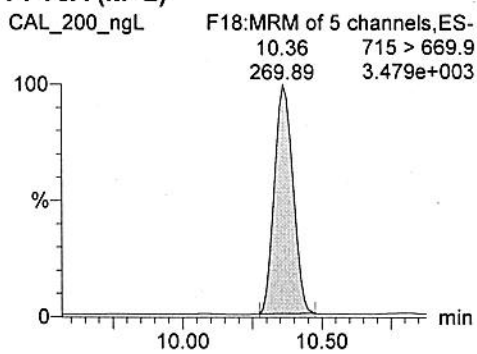

**FOSA (M+8)**




**PFTeA**




**PFTeA (M+2)**



**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:59:17 Eastern Daylight Time

**Name: 20180410_8040117_200ngL, Date: 10-Apr-2018, Time: 10:27:28, Description: CAL_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:7**

| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFBA | 2.90 | 2.90 | 0.998 | 3825.3 | 203.0 | 1.5 | 3825.262 | bb | | | |
| PFBA (M+4) | 2.89 | 2.89 | 0.998 | 3877.3 | 197.2 | -1.4 | 3877.311 | bb | | | |
| PFPeA | 3.73 | 3.73 | 0.999 | 3096.7 | 197.3 | -1.3 | 3096.698 | bb | | | |
| PFPeA (M+5) | 3.72 | 3.72 | 0.999 | 3021.3 | 197.6 | -1.2 | 3021.282 | bb | | | |
| 4:2 FTS | 4.43 | 4.43 | 0.997 | 1566.0 | 190.8 | 2.0 | 1565.964 | bb | 1.632 | 1.632 | NO |
| 4:2 FTS (M+2) | 4.43 | 4.43 | 0.998 | 1755.9 | 194.9 | 4.2 | 1755.920 | bb | | | |
| PFHxA | 4.72 | 4.72 | 0.998 | 2837.5 | 195.6 | -2.2 | 2837.512 | bb | 22.751 | 22.751 | NO |
| PFHxA (M+5) | 4.72 | 4.72 | 0.998 | 2906.5 | 190.9 | -4.6 | 2906.506 | bb | | | |
| PFBS | 4.91 | 4.91 | 0.997 | 2884.4 | 177.0 | -0.0 | 2884.381 | bb | 2.147 | 2.147 | NO |
| PFBS (M+3) | 4.91 | 4.91 | 0.999 | 3658.9 | 179.6 | -3.4 | 3658.925 | bb | | | |
| HFPO-DA | 5.08 | 5.08 | 0.993 | 512.2 | 196.8 | -1.6 | 512.152 | bb | 1.720 | 1.720 | NO |
| HFPO-DA (M+3) | 5.09 | 5.09 | 0.990 | 390.2 | 170.1 | -14.9 | 390.167 | bb | | | |
| PFHpA | 5.69 | 5.69 | 0.998 | 3974.2 | 191.5 | -4.3 | 3974.214 | bb | 3.390 | 3.390 | NO |
| PFHpA (M+4) | 5.69 | 5.69 | 0.998 | 3308.5 | 189.7 | -5.1 | 3308.514 | bb | | | |
| PFPeS | 5.97 | 5.97 | 0.999 | 3699.2 | 184.4 | -1.9 | 3699.205 | bb | 2.226 | 2.226 | NO |
| 6:2 FTS | 6.23 | 6.23 | 0.996 | 1128.9 | 178.3 | -6.2 | 1128.899 | bb | 1.154 | 1.154 | NO |
| 6:2 FTS (M+2) | 6.23 | 6.23 | 0.997 | 1049.2 | 179.4 | -5.6 | 1049.247 | bb | | | |
| PFOA | 6.56 | 6.56 | 0.998 | 3309.7 | 189.2 | -5.4 | 3309.691 | bb | 2.382 | 2.382 | NO |
| PFOA (M+8) | 6.55 | 6.55 | 0.999 | 2770.6 | 190.6 | -4.7 | 2770.604 | bb | | | |
| PFHxS | 6.90 | 6.90 | 0.997 | 2745.6 | 169.9 | -6.9 | 2745.588 | MM JG | 1.697 | 1.698 | NO |
| PFHxS (M+3) | 6.90 | 6.90 | 0.998 | 3402.9 | 196.3 | 3.8 | 3402.856 | bb 4/23/18 | | | |
| PFNA | 7.33 | 7.33 | 0.999 | 2500.3 | 189.6 | -5.2 | 2500.325 | bb | 2.576 | 2.576 | NO |
| PFNA (M+9) | 7.32 | 7.32 | 0.999 | 1957.6 | 188.5 | -5.7 | 1957.593 | bb | | | |
| PFHpS | 7.71 | 7.71 | 0.999 | 2610.3 | 186.1 | -2.1 | 2610.329 | bb | 1.979 | 1.979 | NO |
| 8:2 FTS | 7.70 | 7.70 | 0.995 | 845.6 | 179.9 | 1.7 | 845.594 | bb | 1.092 | 1.092 | NO |
| 8:2 FTS (M+2) | 7.70 | 7.70 | 0.996 | 343.4 | 151.3 | -14.5 | 343.445 | bb | | | |
| PFDA | 8.02 | 8.02 | 0.998 | 2194.9 | 186.4 | -6.8 | 2194.907 | bb | 3.514 | 3.514 | NO |
| PFDA (M+6) | 8.02 | 8.02 | 0.999 | 2397.2 | 198.3 | -0.8 | 2397.233 | bb | | | |
| N-MeFOSAA | 8.15 | 8.15 | 0.987 | 558.3 | 151.7 | -24.2 | 558.321 | bb | 1.143 | 1.143 | NO |
| N-MeFOSAA (M+3) | 8.14 | 8.14 | 0.975 | 895.0 | 225.2 | 12.6 | 894.994 | bb JG | | | |
| PFOS | 8.43 | 8.43 | 0.997 | 3144.8 | 176.1 | -4.8 | 3144.753 | MM 4/23/18 | 2.253 | 2.252 | NO |
| PFOS (M+8) | 8.43 | 8.43 | 0.997 | 2878.9 | 186.5 | -2.6 | 2878.918 | bb | | | |
| N-EtFOSAA | 8.43 | 8.43 | 0.996 | 546.2 | 185.8 | -7.1 | 546.205 | bb | 1.604 | 1.604 | NO |
| N-EtFOSAA (M+5) | 8.41 | 8.41 | 0.996 | 415.4 | 181.3 | -9.3 | 415.430 | bb | | | |
| PFUnA | 8.66 | 8.66 | 0.997 | 1666.4 | 176.2 | -11.9 | 1666.438 | bb | 4.173 | 4.173 | NO |
| PFUnA (M+7) | 8.66 | 8.66 | 0.998 | 1824.5 | 186.1 | -7.0 | 1824.519 | bb | | | |
| PFNS | 9.08 | 9.08 | 0.999 | 2527.7 | 166.3 | -6.1 | 2527.705 | bb | 1.976 | 1.976 | NO |
| PFDoA | 9.26 | 9.26 | 0.993 | 936.4 | 159.9 | -20.1 | 936.350 | bb | 4.930 | 4.930 | NO |
| PFDoA (M+2) | 9.26 | 9.26 | 0.995 | 1271.9 | 175.4 | -12.3 | 1271.860 | bb | | | |
| PFDS | 9.68 | 9.68 | 0.993 | 1202.8 | 177.4 | -8.1 | 1202.842 | bb | 2.570 | 2.570 | NO |
| PFTrA | 9.82 | 9.82 | 0.968 | 247.4 | 90.27 | -54.9 | 247.365 | bb | 3.721 | 3.721 | NO |
| FOSA | 9.95 | 9.95 | 0.997 | 2314.0 | 182.0 | -9.0 | 2314.045 | bb | | | |
| FOSA (M+8) | 9.95 | 9.95 | 0.999 | 1329.7 | 185.7 | -7.2 | 1329.739 | bb | | | |
| PFTeA | 10.37 | 10.37 | 0.993 | 242.8 | 166.5 | -16.7 | 242.776 | bb | 3.077 | 3.077 | NO |
| PFTeA (M+2) | 10.36 | 10.36 | 0.987 | 269.9 | 155.4 | -22.3 | 269.892 | bb | | | |

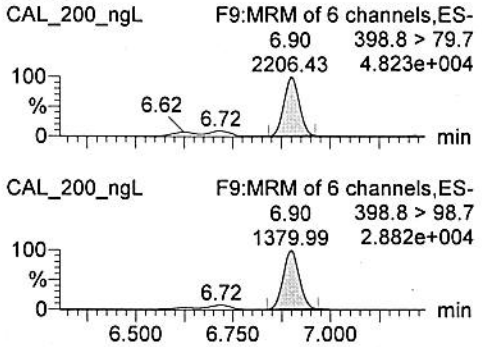
JV 4/24/18

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 07:59:33 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040117_200ngL, Date: 10-Apr-2018, Time: 10:27:28, Description: CAL_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:7**

**PFHxS**




original
JG 4/23/18
4/24/18

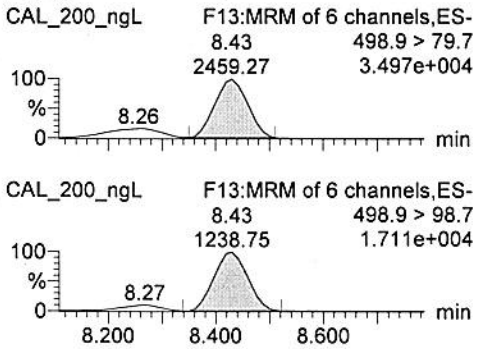
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFHxS | 6.90 | 6.90 | 0.998 | 2206.4 | 172.5 | -5.4 | 2206.427 | bb | 1.697 | 1.599 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 08:00:05 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040117_200ngL, Date: 10-Apr-2018, Time: 10:27:28, Description: CAL_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:7**

**PFOS**




original
JG 4/23/18
4/24/18

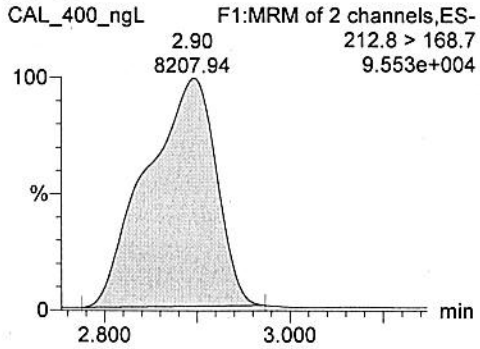
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFOS | 8.43 | 8.43 | 0.997 | 2459.3 | 183.7 | -0.7 | 2459.269 | db | 2.253 | 1.985 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:00 Eastern Daylight Time

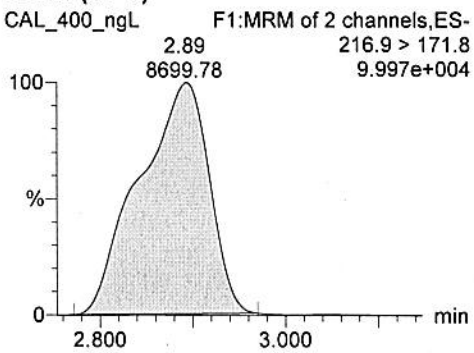
**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:35:21**

**Name: 20180410_8040118_400ngL, Date: 10-Apr-2018, Time: 10:50:01, Description: CAL_400_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:8**

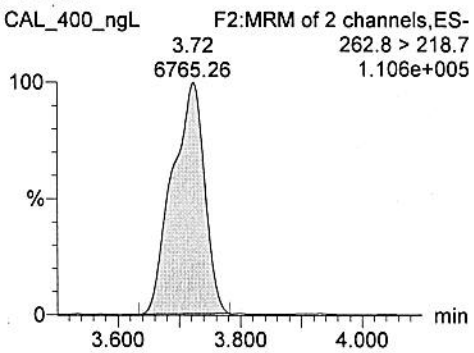
**PFBA**



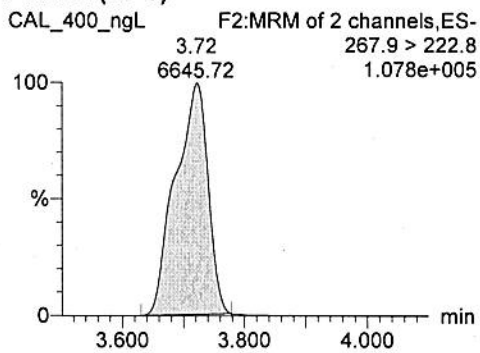

**PFBA (M+4)**



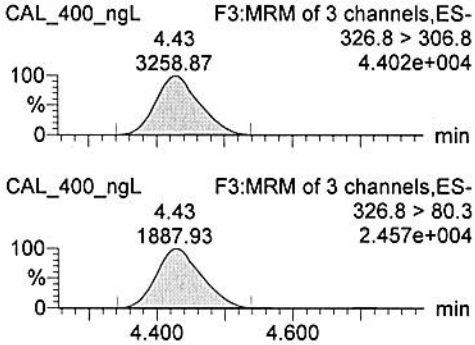

**PFPeA**



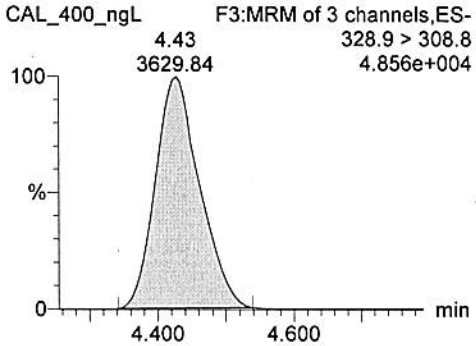

**PFPeA (M+5)**



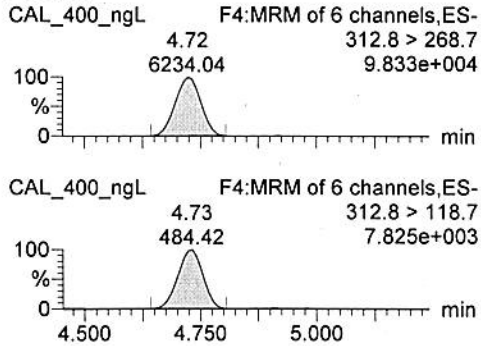

**4:2 FTS**



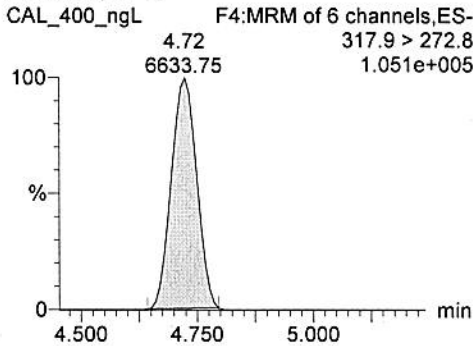

**4:2 FTS (M+2)**



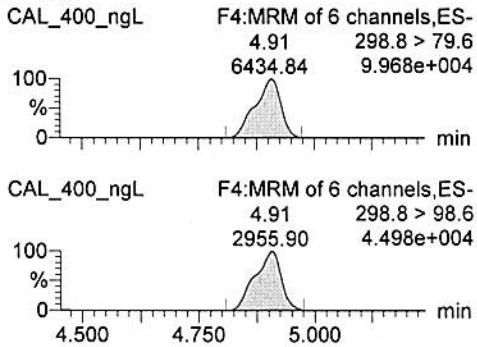

**PFHxA**



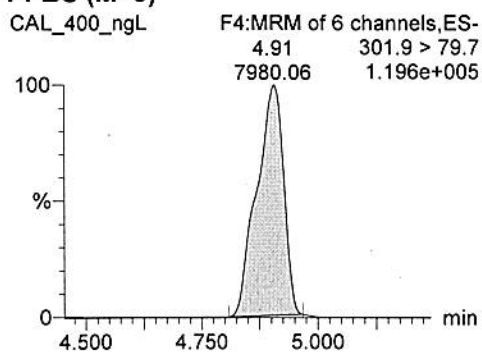

**PFHxA (M+5)**



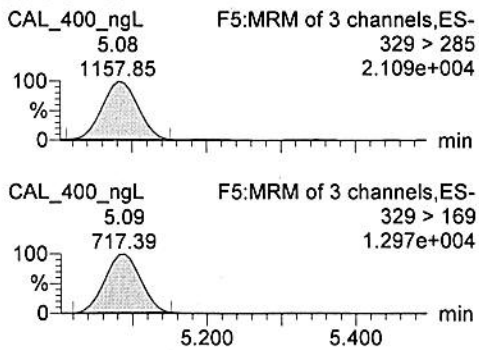

**PFBS**



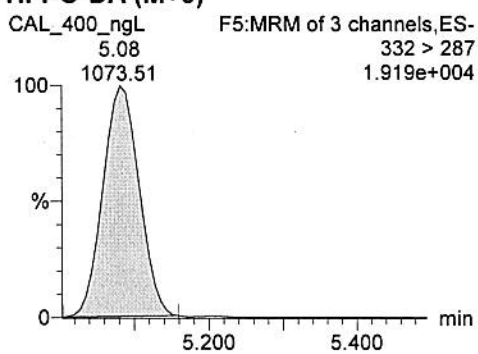

**PFBS (M+3)**




**HFPO-DA**



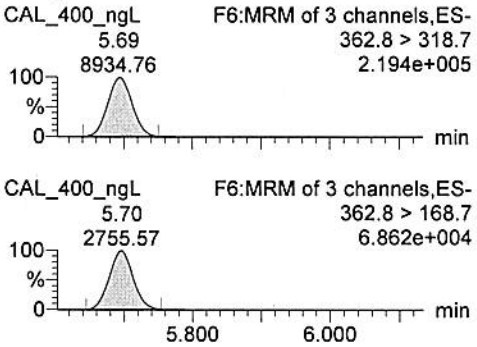

**HFPO-DA (M+3)**



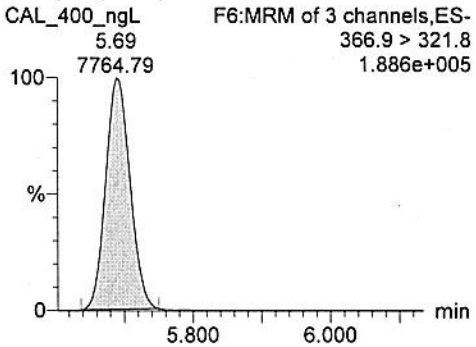
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:00 Eastern Daylight Time

**Name: 20180410_8040118_400ngL, Date: 10-Apr-2018, Time: 10:50:01, Description: CAL_400_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:8**

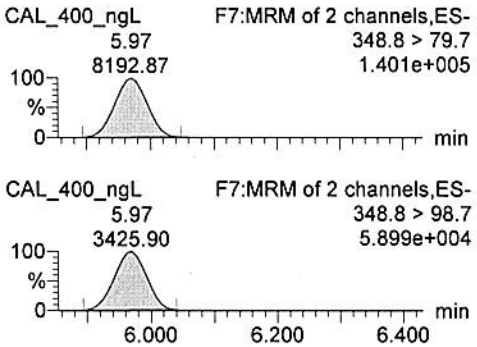
**PFHpA**



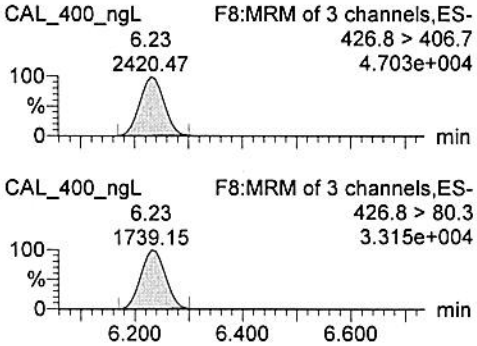

**PFHpA (M+4)**



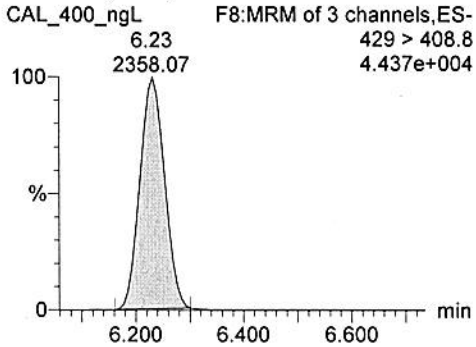

**PFPeS**



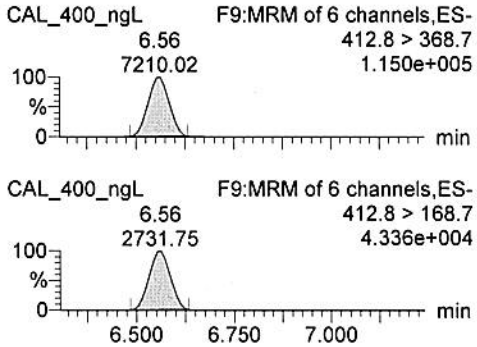

**6:2 FTS**



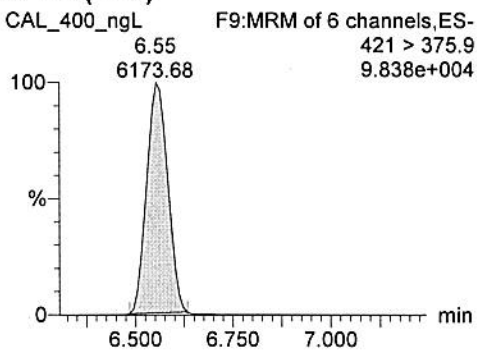

**6:2 FTS (M+2)**



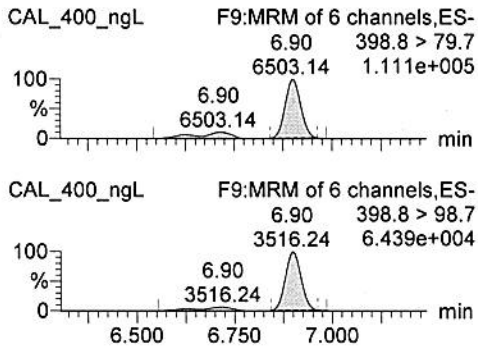

**PFOA**



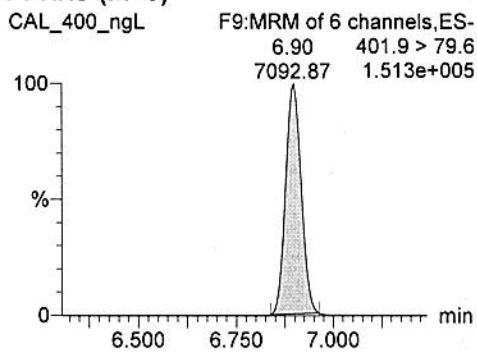

**PFOA (M+8)**



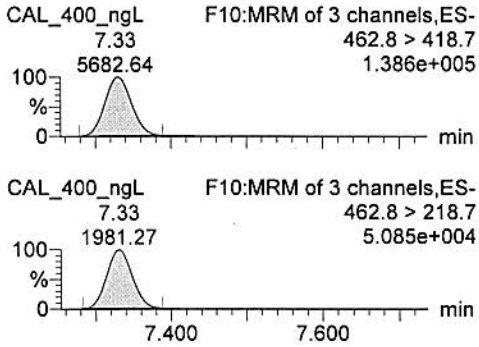

**PFHxS**



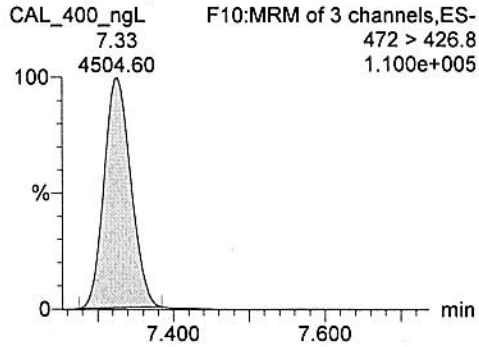

**PFHxS (M+3)**



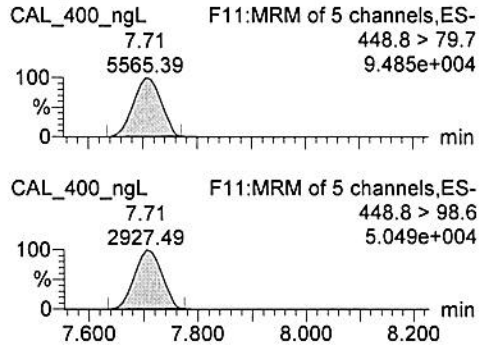

**PFNA**




**PFNA (M+9)**



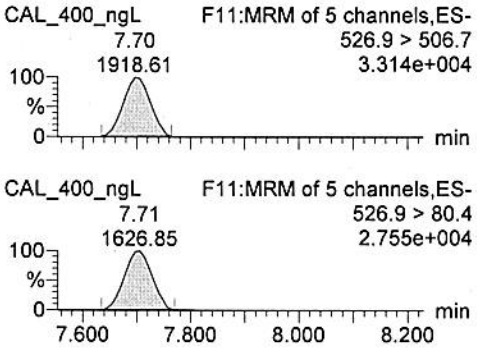

**PFHpS**



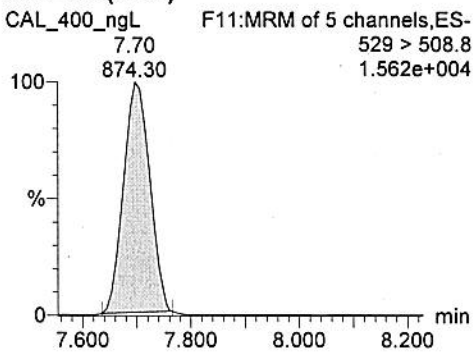
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:00 Eastern Daylight Time

**Name: 20180410_8040118_400ngL, Date: 10-Apr-2018, Time: 10:50:01, Description: CAL_400_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:8**

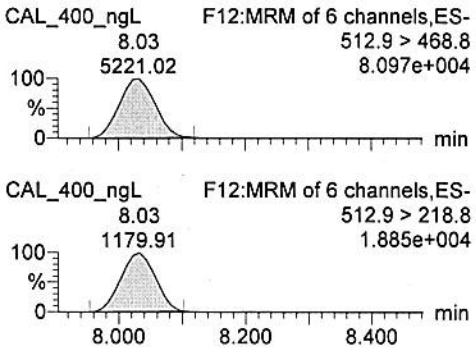
**8:2 FTS**



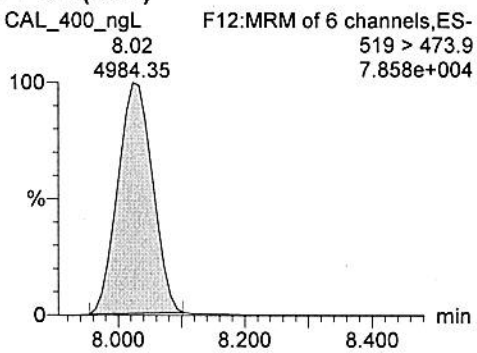

**8:2 FTS (M+2)**



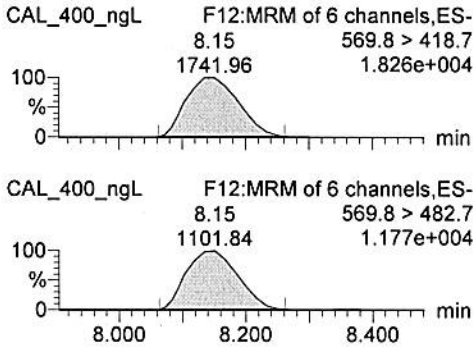

**PFDA**



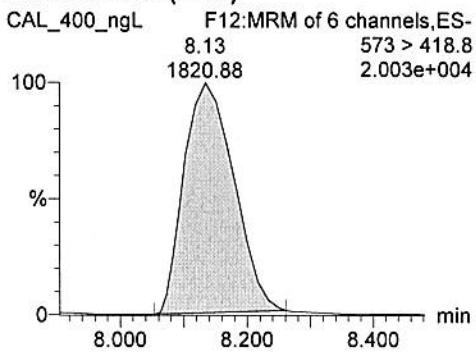

**PFDA (M+6)**



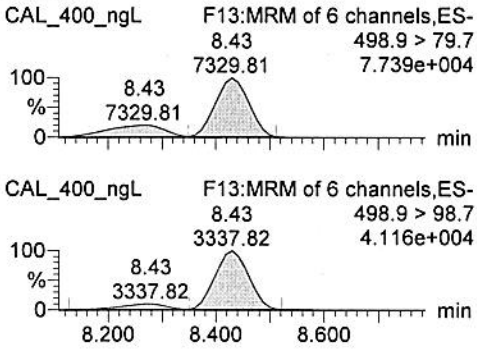

**N-MeFOSAA**



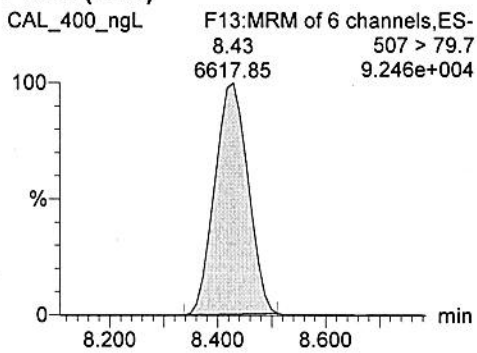

**N-MeFOSAA (M+3)**



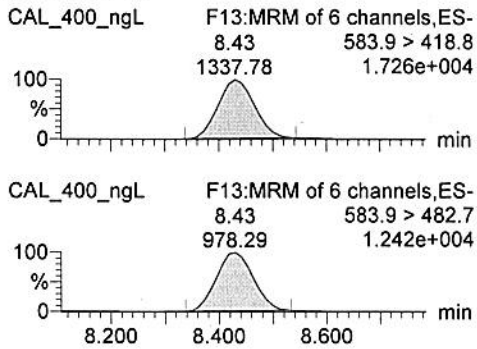

**PFOS**



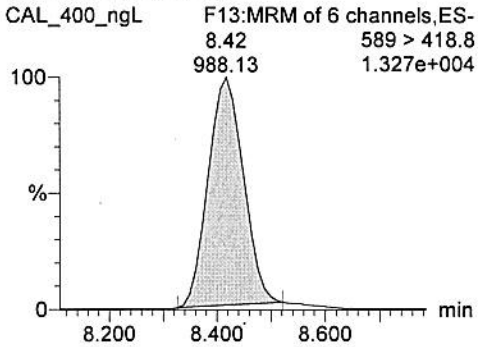

**PFOS (M+8)**



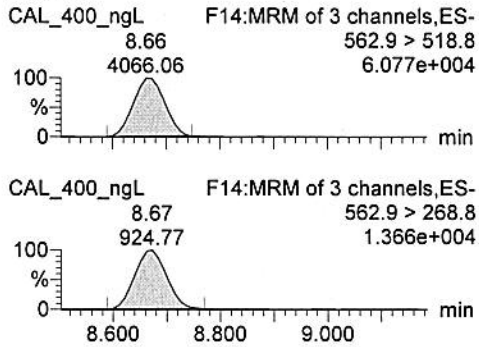

**N-EtFOSAA**



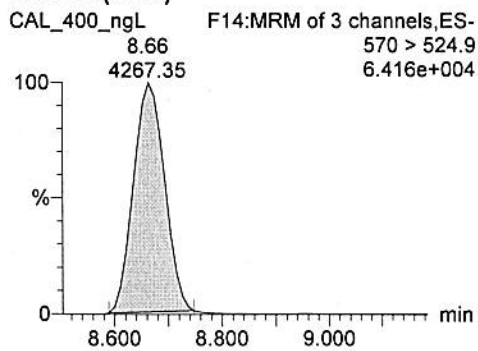

**N-EtFOSAA (M+5)**




**PFUnA**



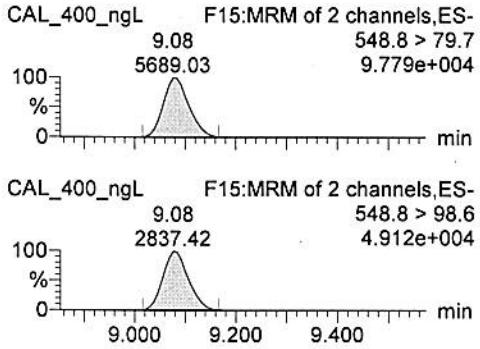

**PFUnA (M+7)**



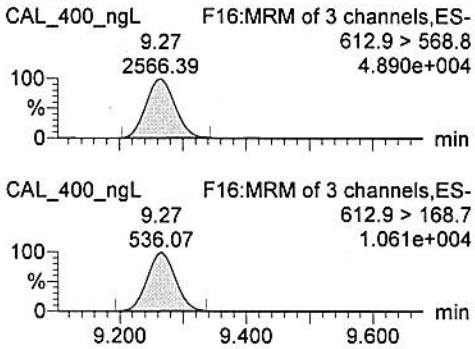
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:00 Eastern Daylight Time

**Name: 20180410_8040118_400ngL, Date: 10-Apr-2018, Time: 10:50:01, Description: CAL_400_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:8**

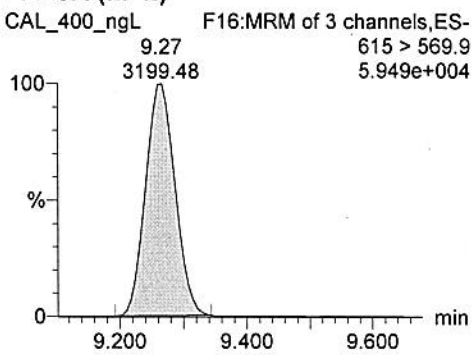
**PFNS**



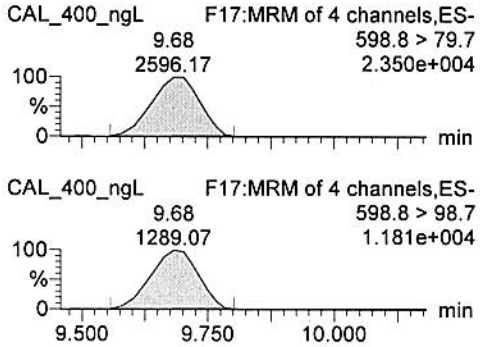

**PFDoA**



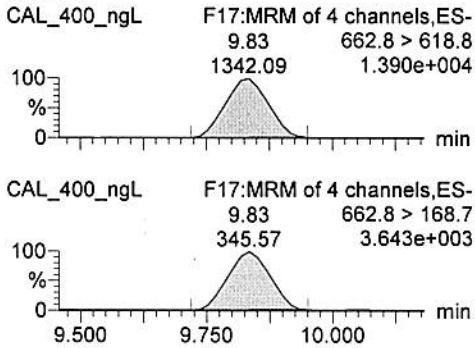

**PFDoA (M+2)**



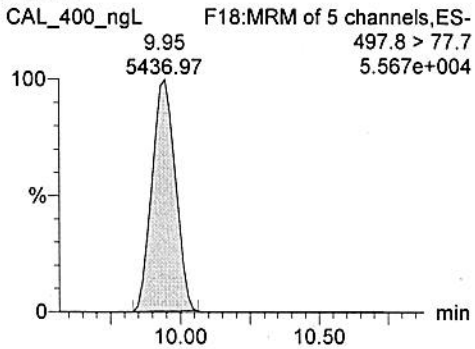

**PFDS**



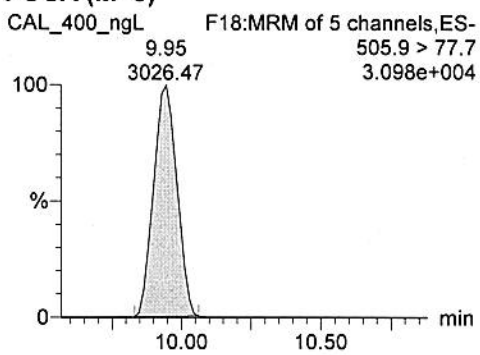

**PFTrA**



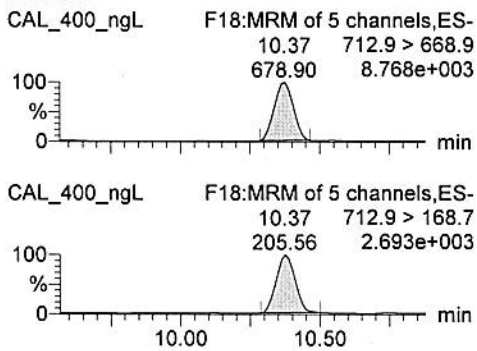

**FOSA**



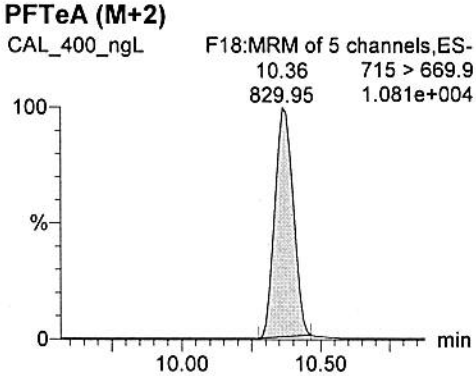

**FOSA (M+8)**




**PFTeA**




**PFTeA (M+2)**



**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:00 Eastern Daylight Time

**Name: 20180410_8040118_400ngL, Date: 10-Apr-2018, Time: 10:50:01, Description: CAL_400_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:8**

| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFBA | 2.90 | 2.90 | 0.998 | 8207.9 | 435.1 | 8.8 | 8207.938 | bb | | | |
| PFBA (M+4) | 2.89 | 2.89 | 0.998 | 8699.8 | 439.7 | 9.9 | 8699.777 | bb | | | |
| PFPeA | 3.73 | 3.72 | 0.999 | 6765.3 | 430.1 | 7.5 | 6765.259 | bb | | | |
| PFPeA (M+5) | 3.72 | 3.72 | 0.999 | 6645.7 | 432.2 | 8.0 | 6645.722 | bb | | | |
| 4:2 FTS | 4.43 | 4.43 | 0.997 | 3258.9 | 397.9 | 6.4 | 3258.872 | bb | 1.632 | 1.726 | NO |
| 4:2 FTS (M+2) | 4.43 | 4.43 | 0.998 | 3629.8 | 405.3 | 8.4 | 3629.838 | bb | | | |
| PFHxA | 4.72 | 4.72 | 0.998 | 6234.0 | 429.9 | 7.5 | 6234.044 | bb | 22.751 | 12.869 | YES |
| PFHxA (M+5) | 4.72 | 4.72 | 0.998 | 6633.7 | 431.8 | 8.0 | 6633.749 | bb | | | |
| PFBS | 4.91 | 4.91 | 0.997 | 6434.8 | 392.7 | 10.9 | 6434.843 | bb | 2.147 | 2.177 | NO |
| PFBS (M+3) | 4.91 | 4.91 | 0.999 | 7980.1 | 390.5 | 5.0 | 7980.063 | bb | | | |
| HFPO-DA | 5.08 | 5.08 | 0.993 | 1157.9 | 440.0 | 10.0 | 1157.852 | bb | 1.720 | 1.614 | NO |
| HFPO-DA (M+3) | 5.09 | 5.08 | 0.990 | 1073.5 | 461.7 | 15.4 | 1073.514 | bb | | | |
| PFHpA | 5.69 | 5.69 | 0.998 | 8934.8 | 430.6 | 7.7 | 8934.757 | bb | 3.390 | 3.242 | NO |
| PFHpA (M+4) | 5.69 | 5.69 | 0.998 | 7764.8 | 443.1 | 10.8 | 7764.792 | bb | | | |
| PFPeS | 5.97 | 5.97 | 0.999 | 8192.9 | 407.9 | 8.5 | 8192.871 | bb | 2.226 | 2.391 | NO |
| 6:2 FTS | 6.23 | 6.23 | 0.996 | 2420.5 | 415.3 | 9.3 | 2420.465 | bb | 1.154 | 1.392 | NO |
| 6:2 FTS (M+2) | 6.23 | 6.23 | 0.997 | 2358.1 | 408.9 | 7.6 | 2358.072 | bb | | | |
| PFOA | 6.56 | 6.56 | 0.998 | 7210.0 | 413.7 | 3.4 | 7210.021 | bb | 2.382 | 2.639 | NO |
| PFOA (M+8) | 6.55 | 6.55 | 0.999 | 6173.7 | 418.7 | 4.7 | 6173.683 | bb | | | |
| PFHxS | 6.90 | 6.90 | 0.997 | 6503.1 | 406.4 | 11.4 | 6503.141 | MM JG | 1.697 | 1.849 | NO |
| PFHxS (M+3) | 6.90 | 6.90 | 0.998 | 7092.9 | 408.4 | 8.0 | 7092.872 | bb 4/23/18 | | | |
| PFNA | 7.33 | 7.33 | 0.999 | 5682.6 | 430.7 | 7.7 | 5682.635 | bb | 2.576 | 2.868 | NO |
| PFNA (M+9) | 7.32 | 7.33 | 0.999 | 4504.6 | 429.7 | 7.4 | 4504.595 | bb | | | |
| PFHpS | 7.71 | 7.71 | 0.999 | 5565.4 | 397.6 | 4.6 | 5565.391 | bb | 1.979 | 1.901 | NO |
| 8:2 FTS | 7.70 | 7.70 | 0.995 | 1918.6 | 397.6 | 12.3 | 1918.607 | bb | 1.092 | 1.179 | NO |
| 8:2 FTS (M+2) | 7.70 | 7.70 | 0.996 | 874.3 | 374.5 | 5.8 | 874.304 | bb | | | |
| PFDA | 8.02 | 8.03 | 0.998 | 5221.0 | 435.7 | 8.9 | 5221.025 | bb | 3.514 | 4.425 | NO |
| PFDA (M+6) | 8.02 | 8.02 | 0.999 | 4984.3 | 406.5 | 1.6 | 4984.347 | bb | | | |
| N-MeFOSAA | 8.15 | 8.15 | 0.987 | 1742.0 | 439.1 | 9.8 | 1741.960 | bb | 1.143 | 1.581 | YES |
| N-MeFOSAA (M+3) | 8.14 | 8.13 | 0.975 | 1820.9 | 443.1 | 10.8 | 1820.883 | bb | | | |
| PFOS | 8.43 | 8.43 | 0.997 | 7329.8 | 409.1 | 10.6 | 7329.809 | MM JG | 2.253 | 2.196 | NO |
| PFOS (M+8) | 8.43 | 8.43 | 0.997 | 6617.8 | 429.7 | 12.2 | 6617.847 | bb 4/23/18 | | | |
| N-EtFOSAA | 8.43 | 8.43 | 0.996 | 1337.8 | 439.6 | 9.9 | 1337.778 | bb | 1.604 | 1.367 | NO |
| N-EtFOSAA (M+5) | 8.41 | 8.42 | 0.996 | 988.1 | 415.6 | 3.9 | 988.135 | bb | | | |
| PFUnA | 8.66 | 8.66 | 0.997 | 4066.1 | 424.0 | 6.0 | 4066.057 | bb | 4.173 | 4.397 | NO |
| PFUnA (M+7) | 8.66 | 8.66 | 0.998 | 4267.4 | 429.1 | 7.3 | 4267.350 | bb | | | |
| PFNS | 9.08 | 9.08 | 0.999 | 5689.0 | 369.1 | 4.3 | 5689.032 | bb | 1.976 | 2.005 | NO |
| PFDoA | 9.26 | 9.27 | 0.993 | 2566.4 | 421.9 | 5.5 | 2566.389 | bb | 4.930 | 4.787 | NO |
| PFDoA (M+2) | 9.26 | 9.27 | 0.995 | 3199.5 | 422.4 | 5.6 | 3199.477 | bb | | | |
| PFDS | 9.68 | 9.68 | 0.993 | 2596.2 | 386.0 | -0.0 | 2596.169 | bb | 2.570 | 2.014 | NO |
| PFTrA | 9.82 | 9.83 | 0.968 | 1342.1 | 405.0 | 1.2 | 1342.093 | bb | 3.721 | 3.884 | NO |
| FOSA | 9.95 | 9.95 | 0.997 | 5437.0 | 420.3 | 5.1 | 5436.966 | bb | | | |
| FOSA (M+8) | 9.95 | 9.95 | 0.999 | 3026.5 | 411.8 | 2.9 | 3026.473 | bb | | | |
| PFTeA | 10.37 | 10.37 | 0.993 | 678.9 | 410.4 | 2.6 | 678.902 | bb | 3.077 | 3.303 | NO |
| PFTeA (M+2) | 10.36 | 10.36 | 0.987 | 829.9 | 406.4 | 1.6 | 829.947 | bb | | | |

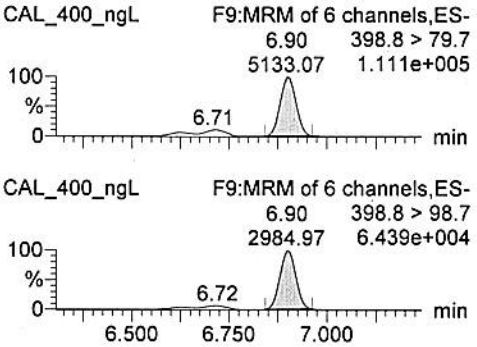
JV 4/24/18

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 07:59:36 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040118_400ngL, Date: 10-Apr-2018, Time: 10:50:01, Description: CAL_400_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:8**

**PFHxS**




original
JG 4/23/18
24/24/18

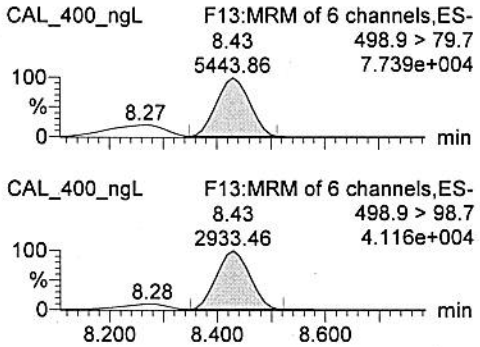
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFHxS | 6.90 | 6.90 | 0.998 | 5133.1 | 402.6 | 10.4 | 5133.072 | bb | 1.697 | 1.720 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 08:00:09 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040118_400ngL, Date: 10-Apr-2018, Time: 10:50:01, Description: CAL_400_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:8**

**PFOS**




original
JG 4/23/18
JV 4/24/18

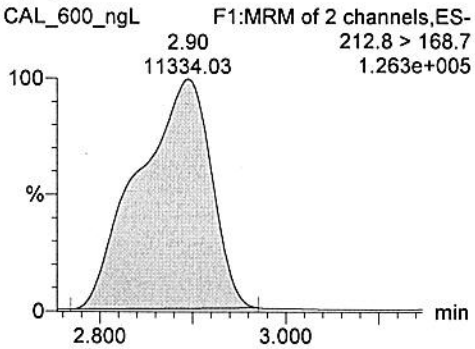
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFOS | 8.43 | 8.43 | 0.997 | 5443.9 | 407.0 | 10.0 | 5443.859 | db | 2.253 | 1.856 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:00 Eastern Daylight Time

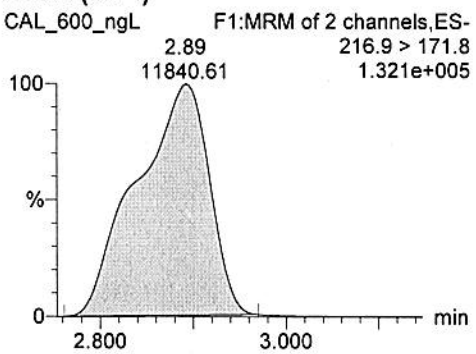
**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:35:21**

**Name: 20180410_8040119_600ngL, Date: 10-Apr-2018, Time: 11:12:31, Description: CAL_600_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:9**

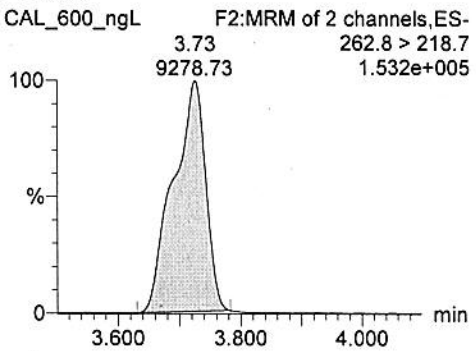
**PFBA**



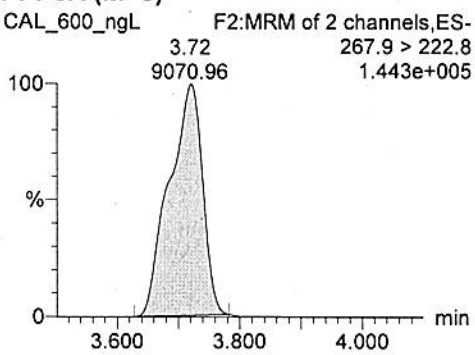

**PFBA (M+4)**



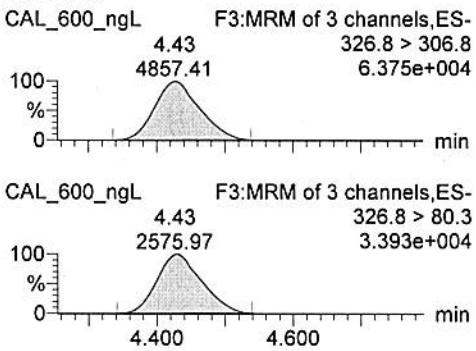

**PFPeA**



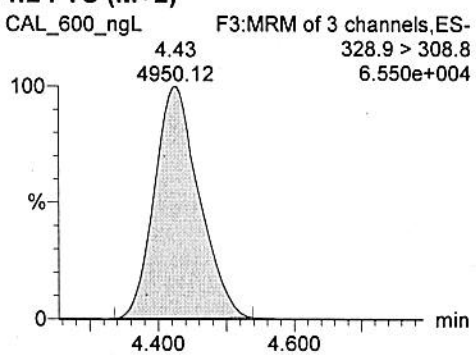

**PFPeA (M+5)**



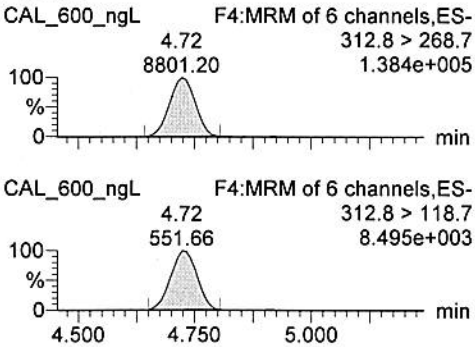

**4:2 FTS**



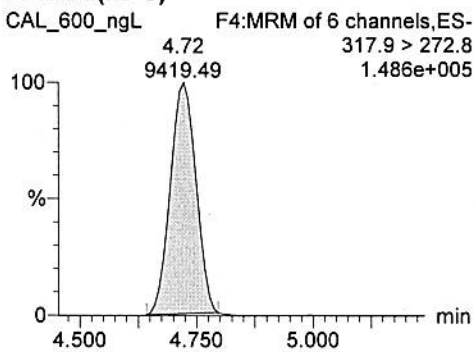

**4:2 FTS (M+2)**



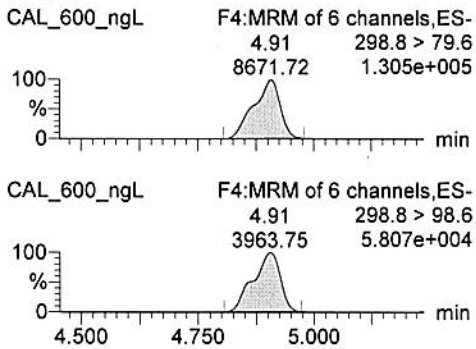

**PFHxA**



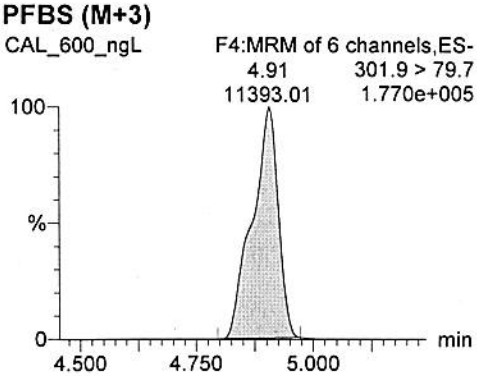

**PFHxA (M+5)**



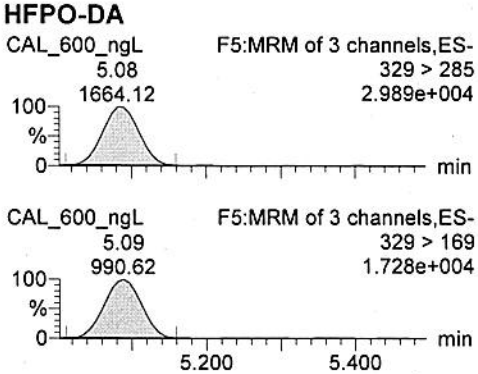

**PFBS**



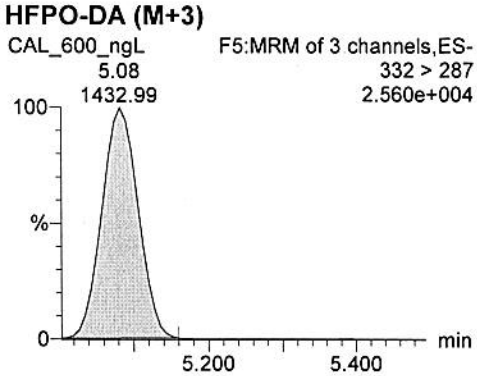

**PFBS (M+3)**




**HFPO-DA**



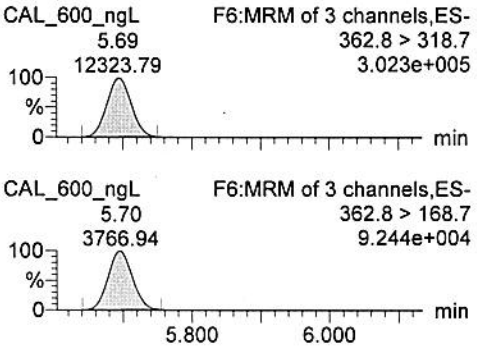

**HFPO-DA (M+3)**



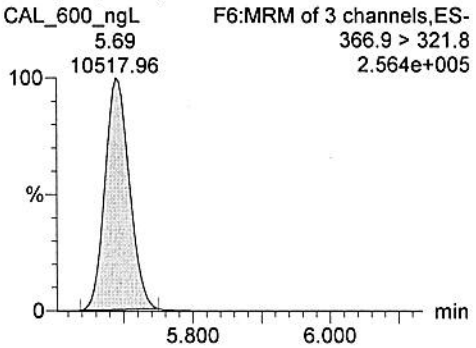
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:00 Eastern Daylight Time

**Name: 20180410_8040119_600ngL, Date: 10-Apr-2018, Time: 11:12:31, Description: CAL_600_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:9**

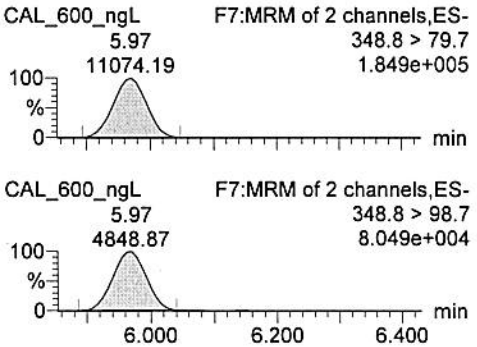
**PFHpA**



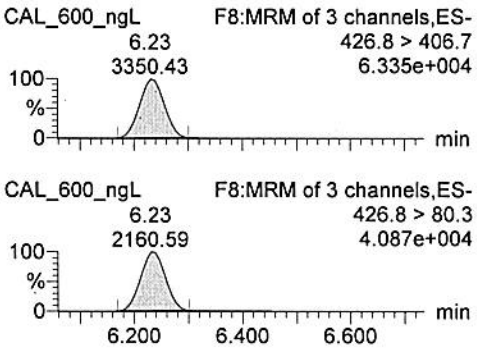

**PFHpA (M+4)**



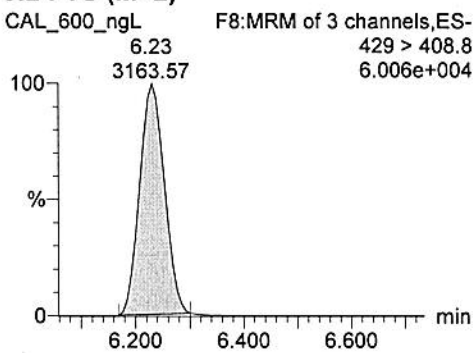

**PFPeS**



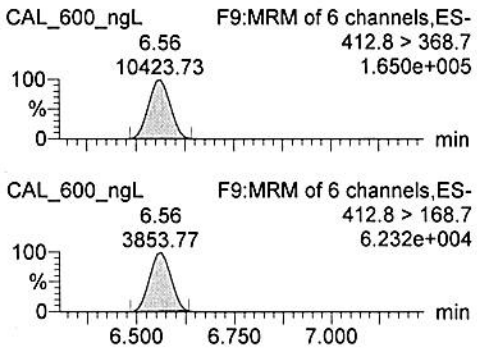

**6:2 FTS**



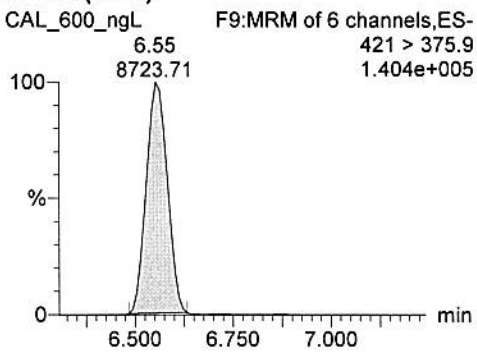

**6:2 FTS (M+2)**



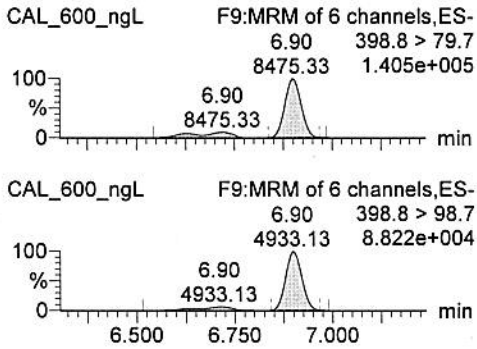

**PFOA**



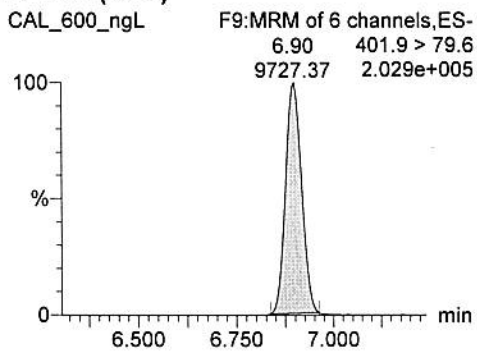

**PFOA (M+8)**



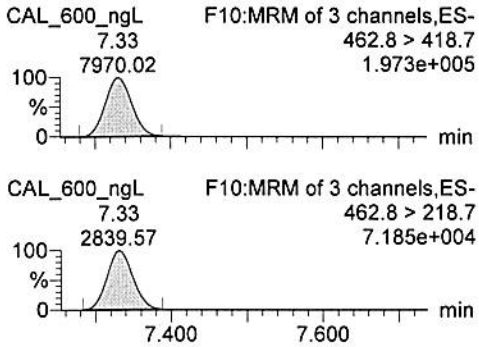

**PFHxS**



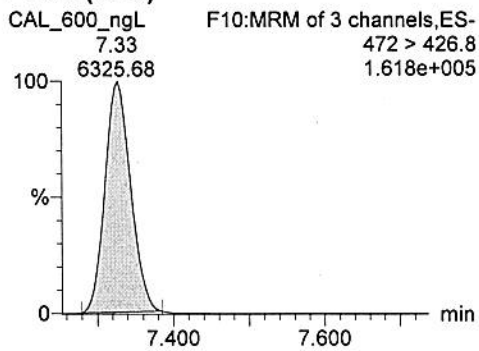

**PFHxS (M+3)**



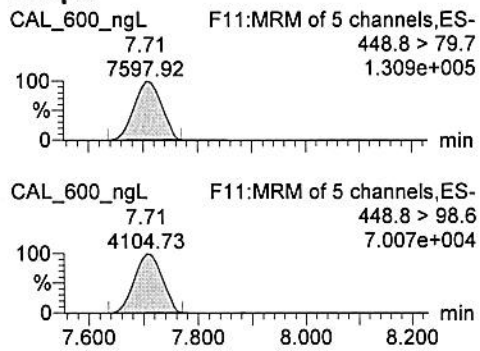

**PFNA**




**PFNA (M+9)**



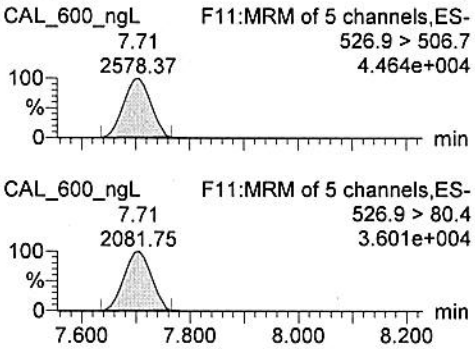

**PFHpS**



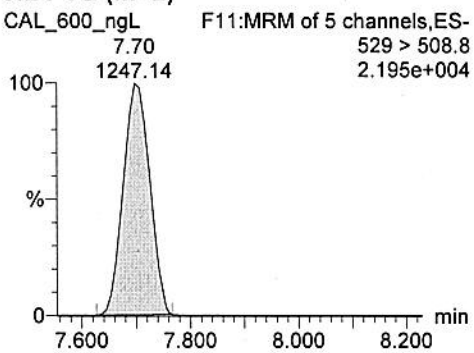
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:00 Eastern Daylight Time

**Name: 20180410_8040119_600ngL, Date: 10-Apr-2018, Time: 11:12:31, Description: CAL_600_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:9**

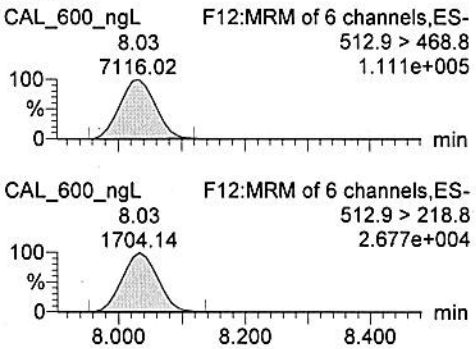
**8:2 FTS**



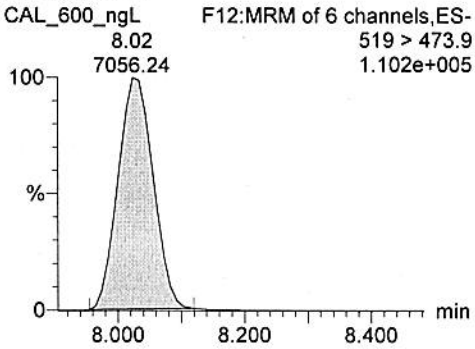

**8:2 FTS (M+2)**



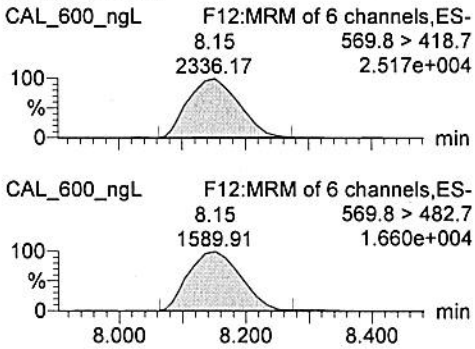

**PFDA**



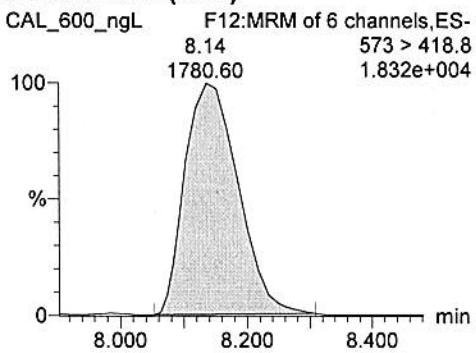

**PFDA (M+6)**



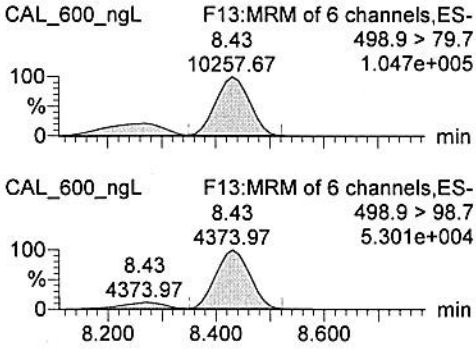

**N-MeFOSAA**



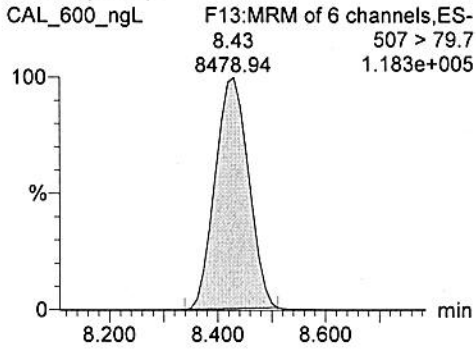

**N-MeFOSAA (M+3)**



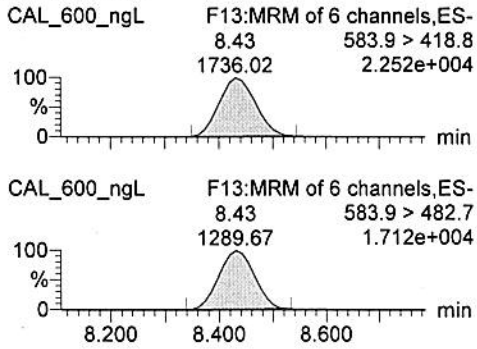

**PFOS**



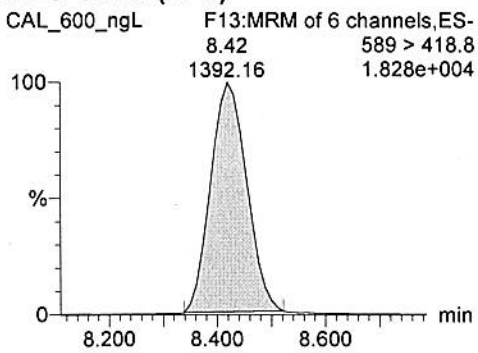

**PFOS (M+8)**



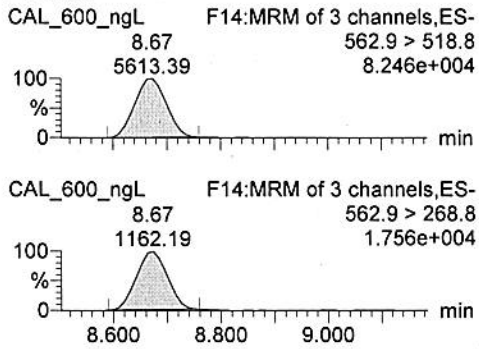

**N-EtFOSAA**



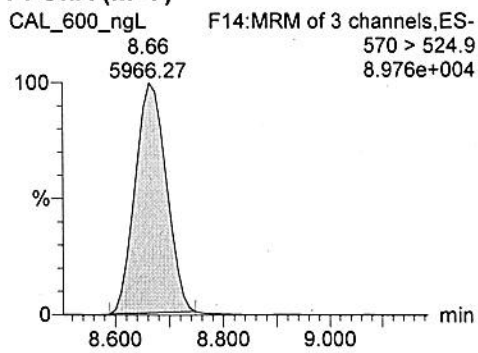

**N-EtFOSAA (M+5)**




**PFUnA**



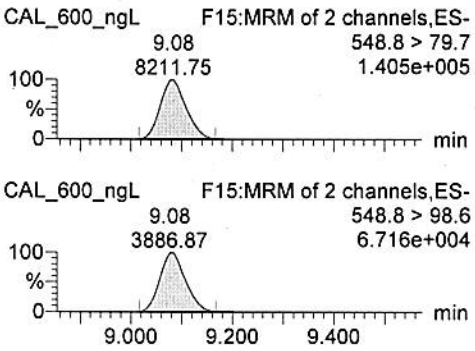

**PFUnA (M+7)**



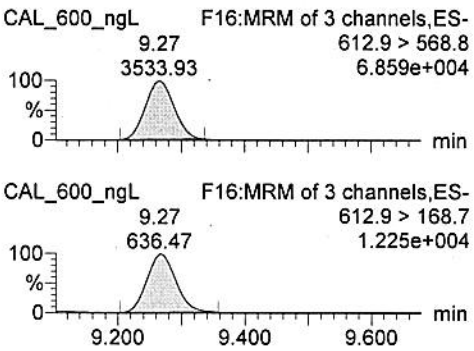
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:00 Eastern Daylight Time

**Name: 20180410_8040119_600ngL, Date: 10-Apr-2018, Time: 11:12:31, Description: CAL_600_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:9**

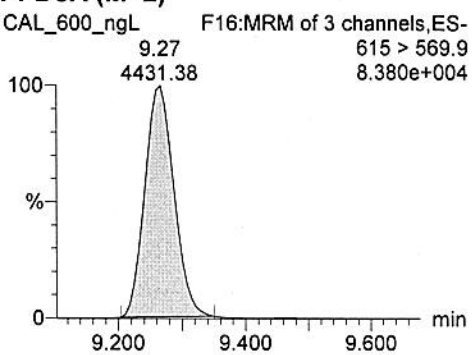
**PFNS**



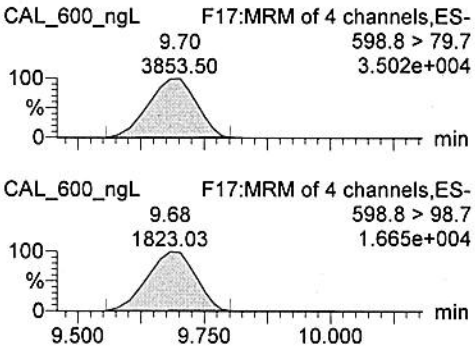

**PFDoA**



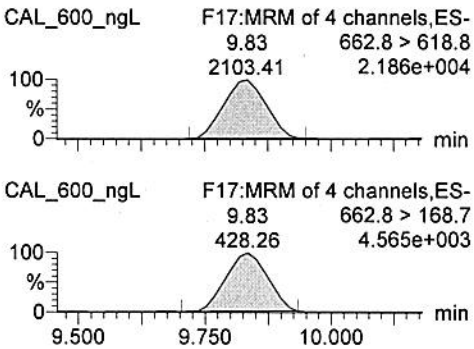

**PFDoA (M+2)**



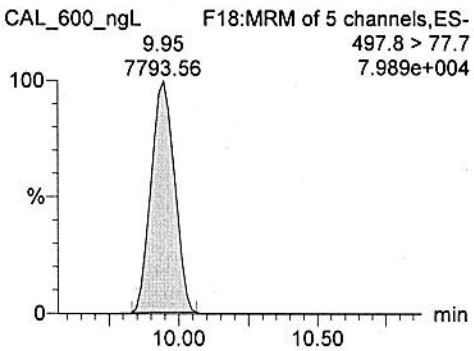

**PFDS**



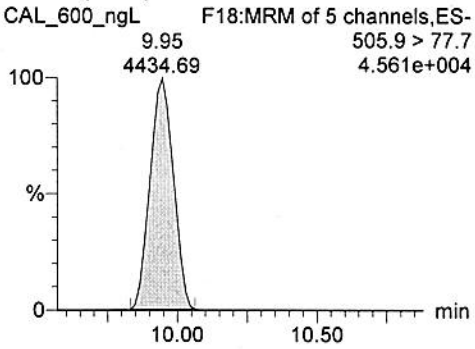

**PFTrA**



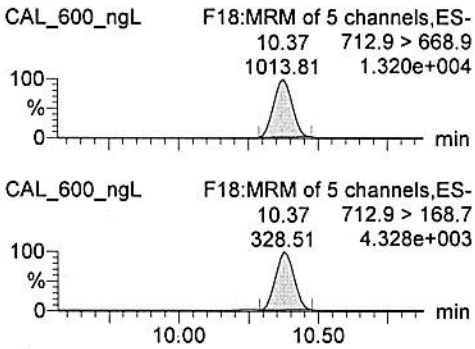

**FOSA**



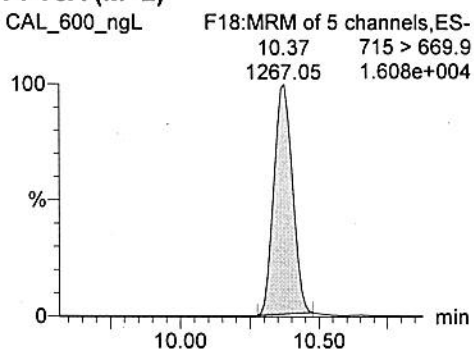

**FOSA (M+8)**




**PFTeA**




**PFTeA (M+2)**



**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:00 Eastern Daylight Time

**Name: 20180410_8040119_600ngL, Date: 10-Apr-2018, Time: 11:12:31, Description: CAL_600_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:9**

| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFBA | 2.90 | 2.90 | 0.998 | 11334.0 | 600.6 | 0.1 | 11334.026 | bb | | | |
| PFBA (M+4) | 2.89 | 2.89 | 0.998 | 11840.6 | 597.6 | -0.4 | 11840.610 | bb | | | |
| PFPeA | 3.73 | 3.73 | 0.999 | 9278.7 | 589.6 | -1.7 | 9278.733 | bb | | | |
| PFPeA (M+5) | 3.72 | 3.72 | 0.999 | 9071.0 | 589.2 | -1.8 | 9070.960 | bb | | | |
| 4:2 FTS | 4.43 | 4.43 | 0.997 | 4857.4 | 593.4 | 5.8 | 4857.412 | bb | 1.632 | 1.886 | NO |
| 4:2 FTS (M+2) | 4.43 | 4.43 | 0.998 | 4950.1 | 553.5 | -1.3 | 4950.119 | bb | | | |
| PFHxA | 4.72 | 4.72 | 0.998 | 8801.2 | 606.9 | 1.2 | 8801.204 | bb | 22.751 | 15.954 | NO |
| PFHxA (M+5) | 4.72 | 4.72 | 0.998 | 9419.5 | 611.9 | 2.0 | 9419.489 | bb | | | |
| PFBS | 4.91 | 4.91 | 0.997 | 8671.7 | 528.7 | -0.4 | 8671.718 | bb | 2.147 | 2.188 | NO |
| PFBS (M+3) | 4.91 | 4.91 | 0.999 | 11393.0 | 557.1 | -0.2 | 11393.014 | bb | | | |
| HFPO-DA | 5.08 | 5.08 | 0.993 | 1664.1 | 630.7 | 5.1 | 1664.116 | bb | 1.720 | 1.680 | NO |
| HFPO-DA (M+3) | 5.09 | 5.08 | 0.990 | 1433.0 | 615.1 | 2.5 | 1432.993 | bb | | | |
| PFHpA | 5.69 | 5.69 | 0.998 | 12323.8 | 594.0 | -1.0 | 12323.786 | bb | 3.390 | 3.272 | NO |
| PFHpA (M+4) | 5.69 | 5.69 | 0.998 | 10518.0 | 599.7 | -0.0 | 10517.957 | bb | | | |
| PFPeS | 5.97 | 5.97 | 0.999 | 11074.2 | 551.2 | -2.3 | 11074.190 | bb | 2.226 | 2.284 | NO |
| 6:2 FTS | 6.23 | 6.23 | 0.996 | 3350.4 | 585.9 | 2.8 | 3350.431 | bb | 1.154 | 1.551 | NO |
| 6:2 FTS (M+2) | 6.23 | 6.23 | 0.997 | 3163.6 | 550.1 | -3.5 | 3163.574 | bb | | | |
| PFOA | 6.56 | 6.56 | 0.998 | 10423.7 | 598.8 | -0.2 | 10423.734 | bb | 2.382 | 2.705 | NO |
| PFOA (M+8) | 6.55 | 6.55 | 0.999 | 8723.7 | 589.7 | -1.7 | 8723.711 | bb | | | |
| PFHxS | 6.90 | 6.90 | 0.997 | 8475.3 | 530.5 | -3.0 | 8475.325 | MM JG | 1.697 | 1.718 | NO |
| PFHxS (M+3) | 6.90 | 6.90 | 0.998 | 9727.4 | 559.8 | -1.3 | 9727.371 | bb 4/23/18 | | | |
| PFNA | 7.33 | 7.33 | 0.999 | 7970.0 | 604.1 | 0.7 | 7970.021 | bb | 2.576 | 2.807 | NO |
| PFNA (M+9) | 7.32 | 7.33 | 0.999 | 6325.7 | 602.2 | 0.4 | 6325.677 | bb | | | |
| PFHpS | 7.71 | 7.71 | 0.999 | 7597.9 | 543.2 | -4.7 | 7597.921 | bb | 1.979 | 1.851 | NO |
| 8:2 FTS | 7.70 | 7.71 | 0.995 | 2578.4 | 531.4 | 0.1 | 2578.367 | bb | 1.092 | 1.239 | NO |
| 8:2 FTS (M+2) | 7.70 | 7.70 | 0.996 | 1247.1 | 531.3 | 0.1 | 1247.137 | bb | | | |
| PFDA | 8.02 | 8.03 | 0.998 | 7116.0 | 591.8 | -1.4 | 7116.021 | bb | 3.514 | 4.176 | NO |
| PFDA (M+6) | 8.02 | 8.02 | 0.999 | 7056.2 | 573.3 | -4.5 | 7056.237 | bb | | | |
| N-MeFOSAA | 8.15 | 8.15 | 0.987 | 2336.2 | 583.4 | -2.8 | 2336.165 | bb | 1.143 | 1.469 | NO |
| N-MeFOSAA (M+3) | 8.14 | 8.14 | 0.975 | 1780.6 | 433.6 | -27.7 | 1780.599 | bb | | | |
| PFOS | 8.43 | 8.43 | 0.997 | 10257.7 | 572.2 | 3.1 | 10257.669 | MM JG | 2.253 | 2.345 | NO |
| PFOS (M+8) | 8.43 | 8.43 | 0.997 | 8478.9 | 550.7 | -4.1 | 8478.940 | bb 4/23/18 | | | |
| N-EtFOSAA | 8.43 | 8.43 | 0.996 | 1736.0 | 567.3 | -5.4 | 1736.019 | bb | 1.604 | 1.346 | NO |
| N-EtFOSAA (M+5) | 8.41 | 8.42 | 0.996 | 1392.2 | 580.9 | -3.2 | 1392.159 | bb | | | |
| PFUnA | 8.66 | 8.67 | 0.997 | 5613.4 | 583.8 | -2.7 | 5613.385 | bb | 4.173 | 4.830 | NO |
| PFUnA (M+7) | 8.66 | 8.66 | 0.998 | 5966.3 | 598.2 | -0.3 | 5966.272 | bb | | | |
| PFNS | 9.08 | 9.08 | 0.999 | 8211.7 | 531.0 | 0.0 | 8211.749 | bb | 1.976 | 2.113 | NO |
| PFDoA | 9.26 | 9.27 | 0.993 | 3533.9 | 577.4 | -3.8 | 3533.934 | bb | 4.930 | 5.552 | NO |
| PFDoA (M+2) | 9.26 | 9.27 | 0.995 | 4431.4 | 580.3 | -3.3 | 4431.381 | bb | | | |
| PFDS | 9.68 | 9.70 | 0.993 | 3853.5 | 574.2 | -0.8 | 3853.504 | bb | 2.570 | 2.114 | NO |
| PFTrA | 9.82 | 9.83 | 0.968 | 2103.4 | 623.8 | 4.0 | 2103.411 | bb | 3.721 | 4.912 | NO |
| FOSA | 9.95 | 9.95 | 0.997 | 7793.6 | 600.2 | 0.0 | 7793.564 | bb | | | |
| FOSA (M+8) | 9.95 | 9.95 | 0.999 | 4434.7 | 599.4 | -0.1 | 4434.689 | bb | | | |
| PFTeA | 10.37 | 10.37 | 0.993 | 1013.8 | 597.8 | -0.4 | 1013.813 | bb | 3.077 | 3.086 | NO |
| PFTeA (M+2) | 10.36 | 10.37 | 0.987 | 1267.0 | 602.3 | 0.4 | 1267.048 | bb | | | |

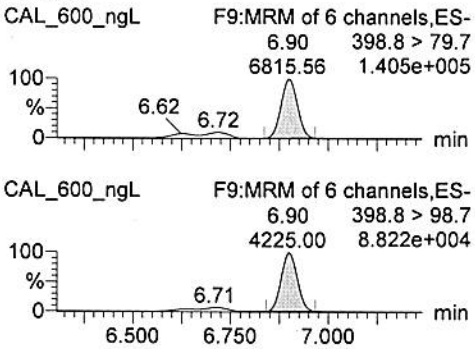
4/24/18

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 07:59:38 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040119_600ngL, Date: 10-Apr-2018, Time: 11:12:31, Description: CAL_600_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:9**

**PFHxS**




original
JG 4/23/18
N 4/24/18

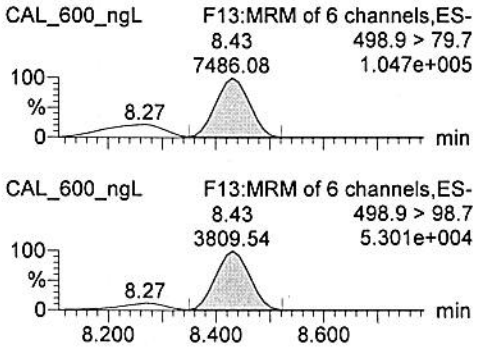
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFHxS | 6.90 | 6.90 | 0.998 | 6815.6 | 535.0 | -2.2 | 6815.558 | bb | 1.697 | 1.613 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 08:00:11 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040119_600ngL, Date: 10-Apr-2018, Time: 11:12:31, Description: CAL_600_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:9**

**PFOS**




original
JG 4/23/18
7/4/24/18

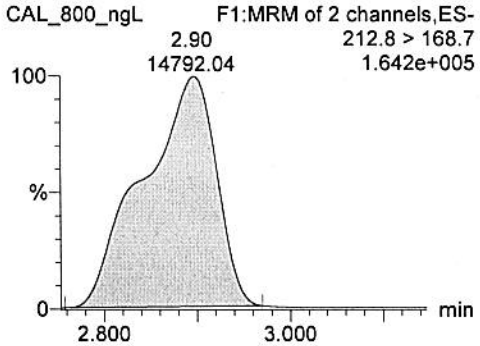
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFOS | 8.43 | 8.43 | 0.997 | 7486.1 | 559.9 | 0.9 | 7486.078 | db | 2.253 | 1.965 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:01 Eastern Daylight Time

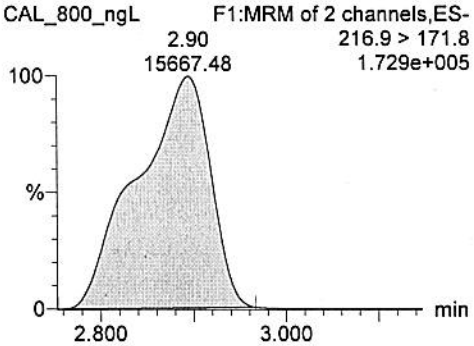
**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:35:21**

**Name: 20180410_8040120_800ngL, Date: 10-Apr-2018, Time: 11:34:57, Description: CAL_800_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:10**

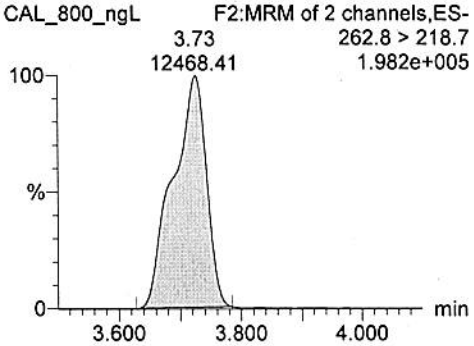
**PFBA**



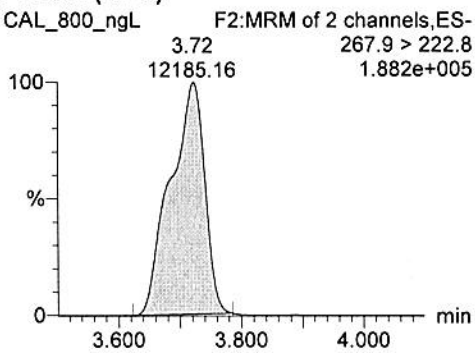

**PFBA (M+4)**



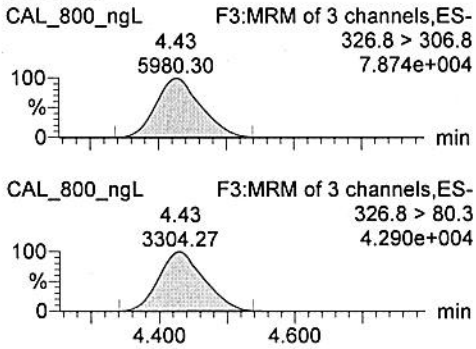

**PFPeA**



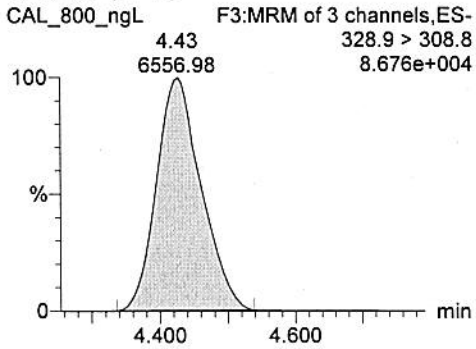

**PFPeA (M+5)**



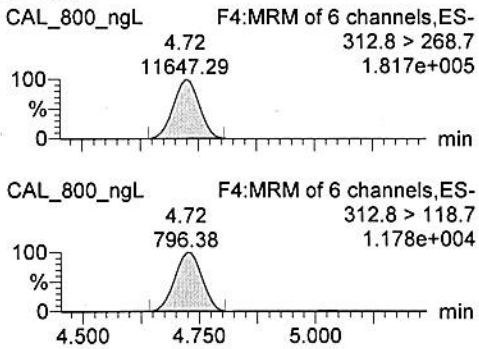

**4:2 FTS**



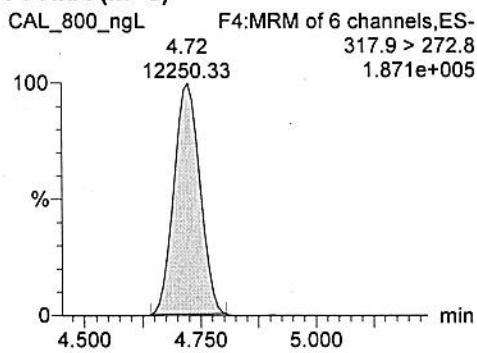

**4:2 FTS (M+2)**



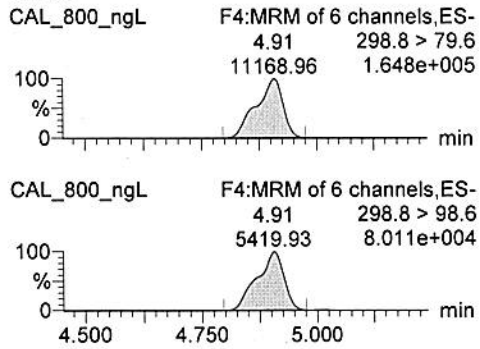

**PFHxA**



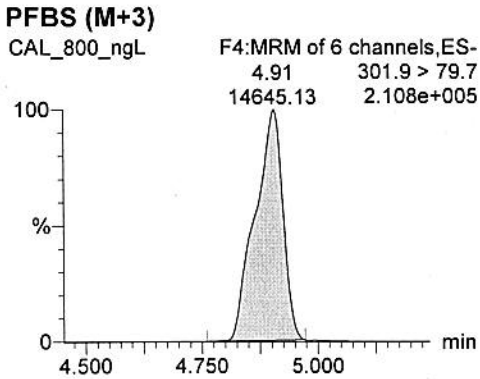

**PFHxA (M+5)**



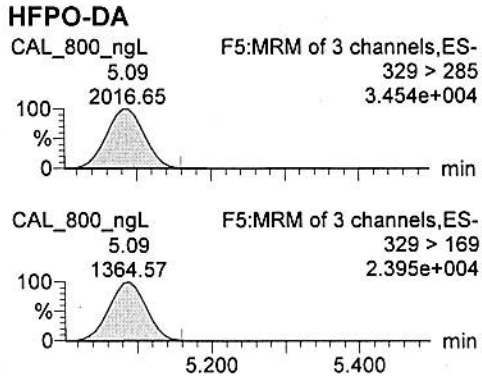

**PFBS**



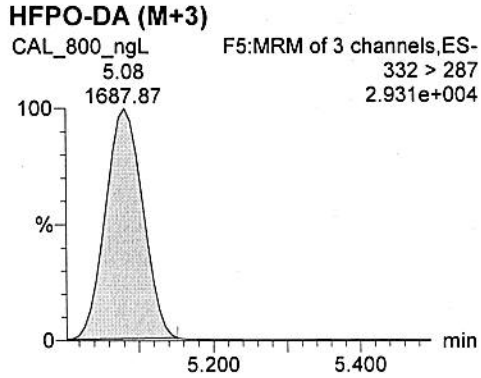

**PFBS (M+3)**




**HFPO-DA**



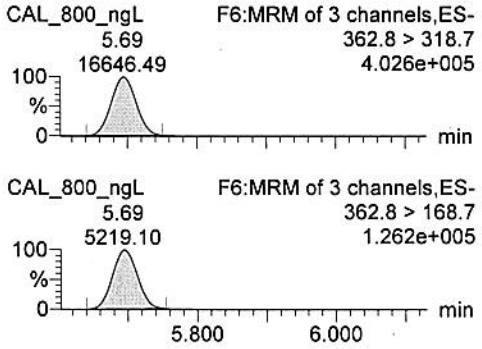

**HFPO-DA (M+3)**



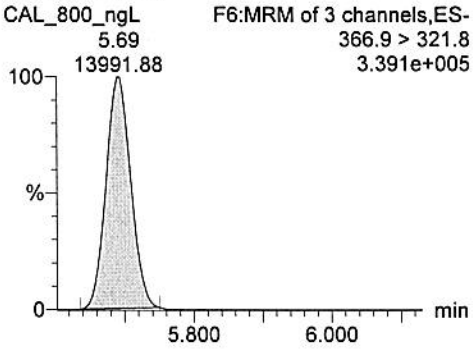
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:01 Eastern Daylight Time

**Name: 20180410_8040120_800ngL, Date: 10-Apr-2018, Time: 11:34:57, Description: CAL_800_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:10**

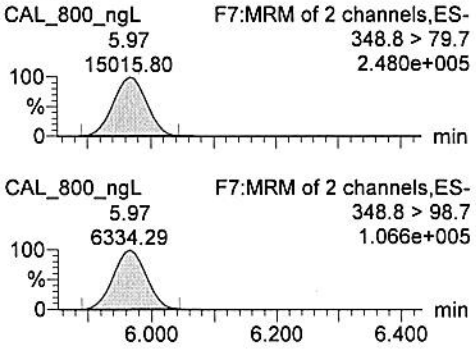
**PFHpA**



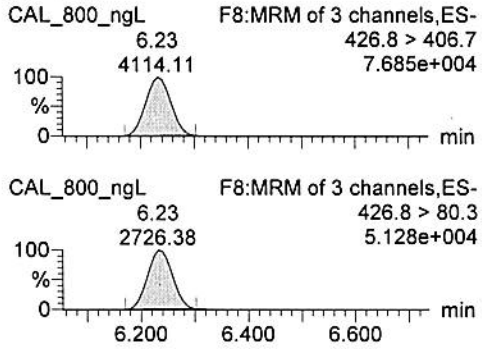

**PFHpA (M+4)**



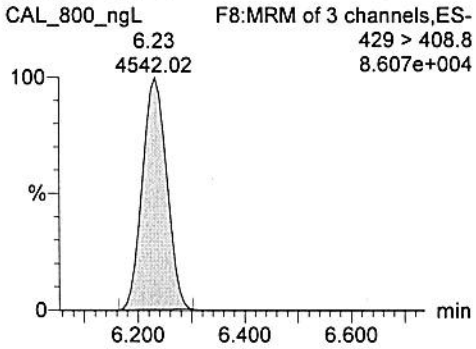

**PFPeS**



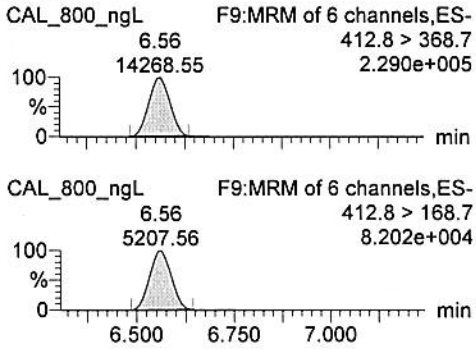

**6:2 FTS**



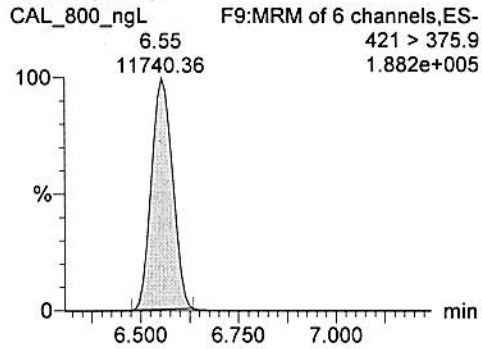

**6:2 FTS (M+2)**



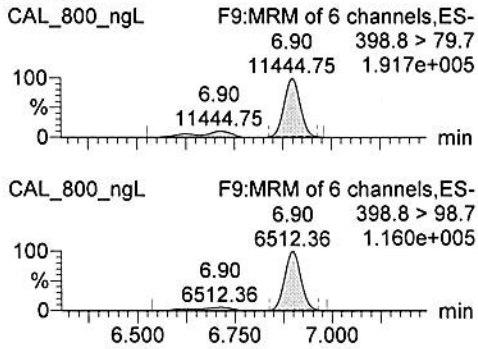

**PFOA**



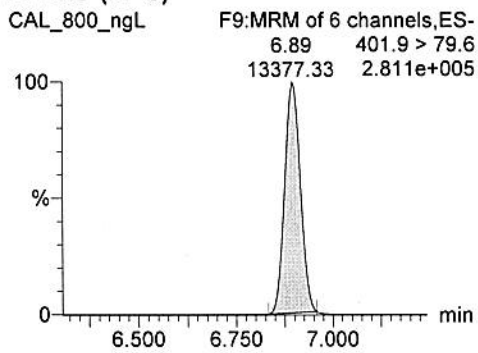

**PFOA (M+8)**



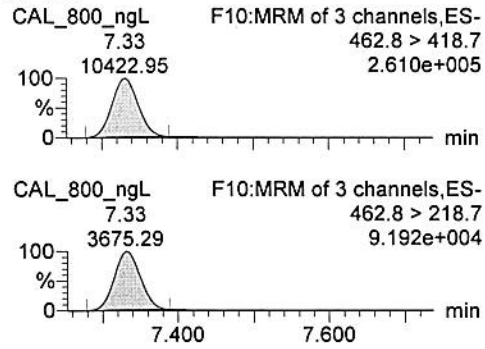

**PFHxS**



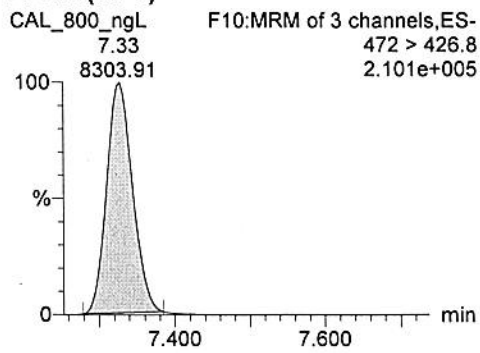

**PFHxS (M+3)**



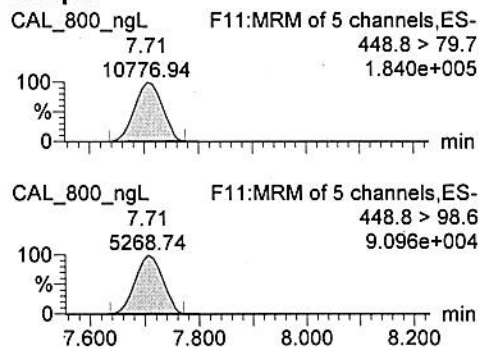

**PFNA**




**PFNA (M+9)**



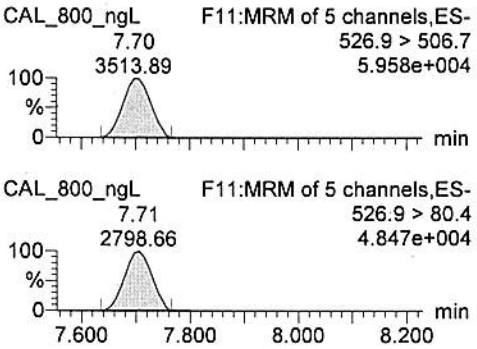

**PFHpS**



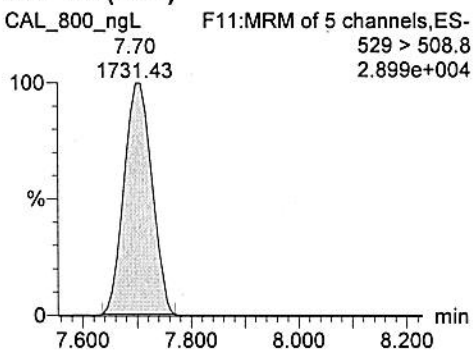
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:01 Eastern Daylight Time

**Name: 20180410_8040120_800ngL, Date: 10-Apr-2018, Time: 11:34:57, Description: CAL_800_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:10**

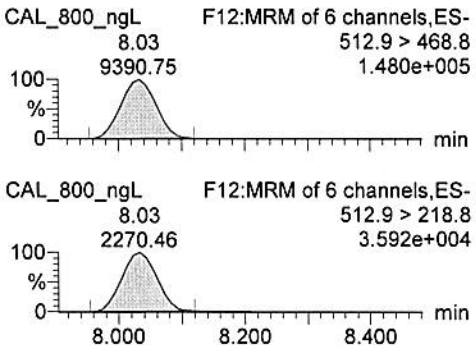
**8:2 FTS**



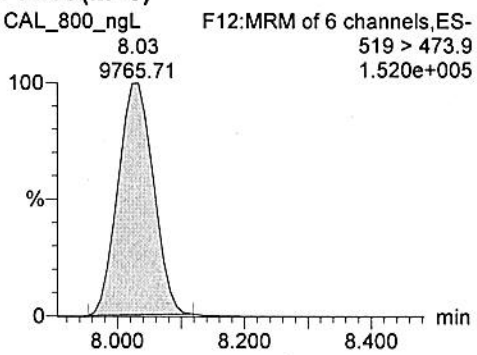

**8:2 FTS (M+2)**



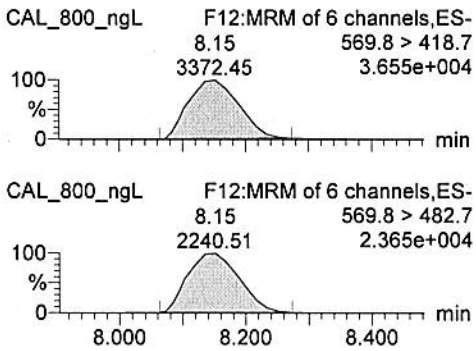

**PFDA**



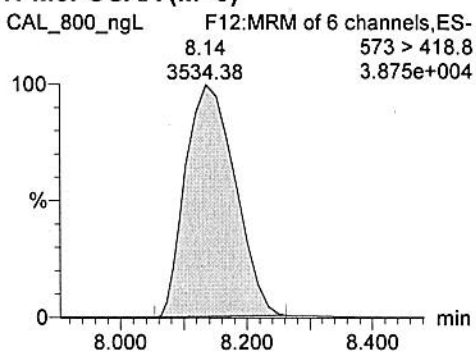

**PFDA (M+6)**



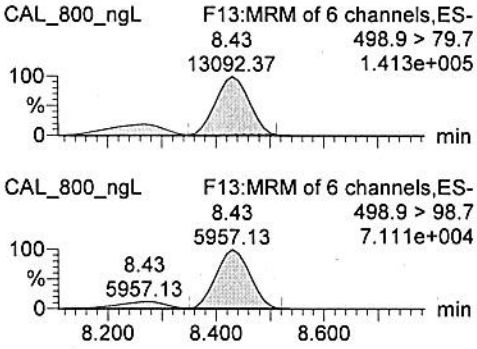

**N-MeFOSAA**



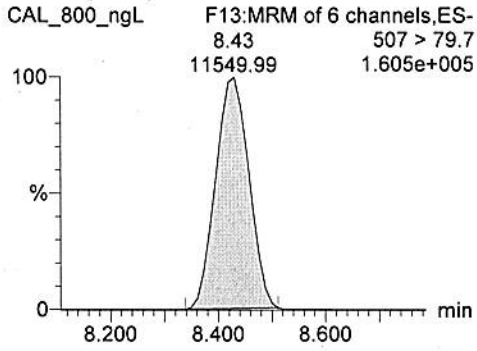

**N-MeFOSAA (M+3)**



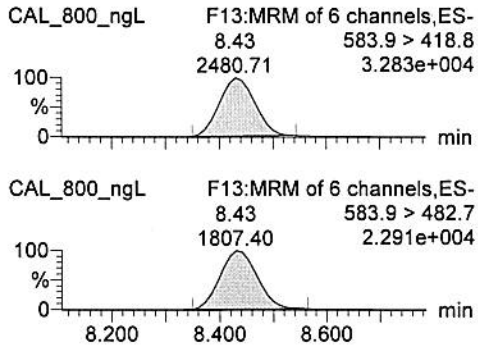

**PFOS**



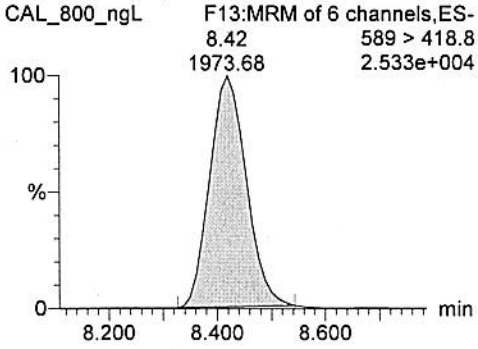

**PFOS (M+8)**



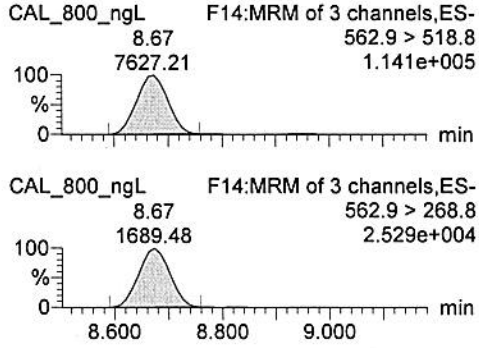

**N-EtFOSAA**



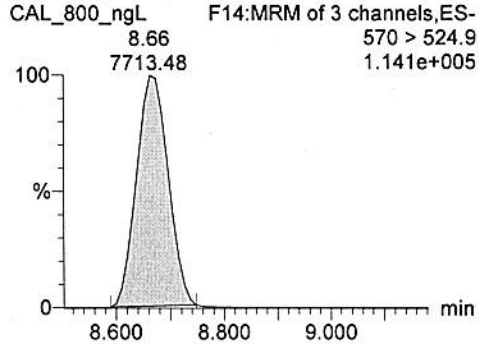

**N-EtFOSAA (M+5)**




**PFUnA**



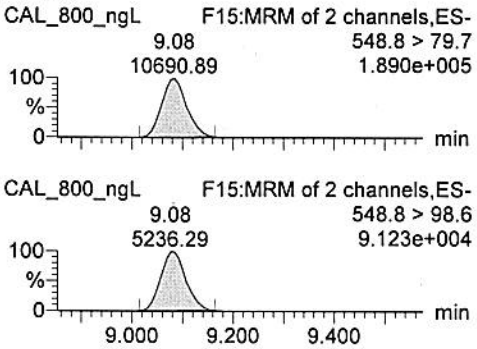

**PFUnA (M+7)**



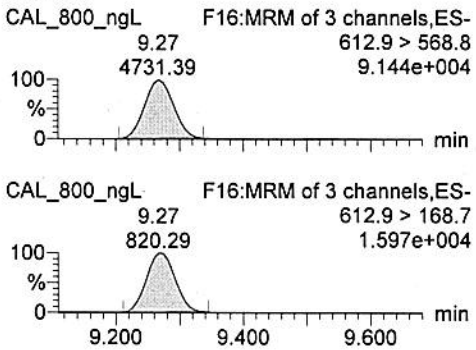
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:01 Eastern Daylight Time

**Name: 20180410_8040120_800ngL, Date: 10-Apr-2018, Time: 11:34:57, Description: CAL_800_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:10**

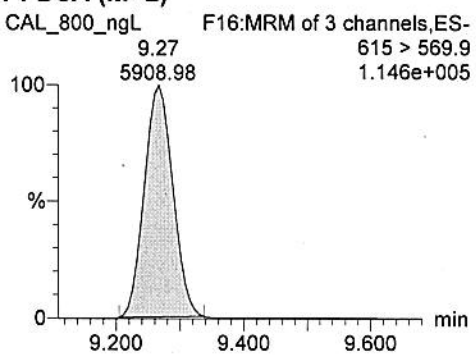
**PFNS**



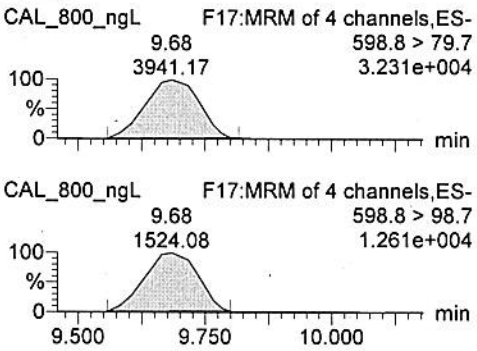

**PFDoA**



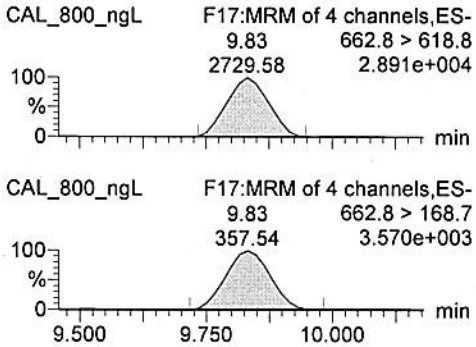

**PFDoA (M+2)**



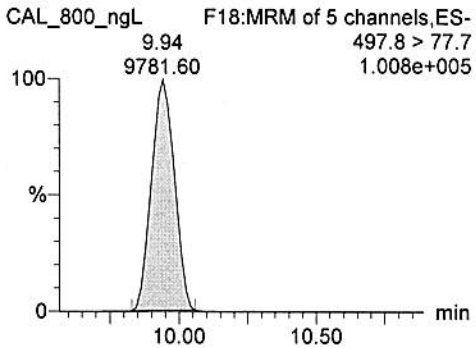

**PFDS**



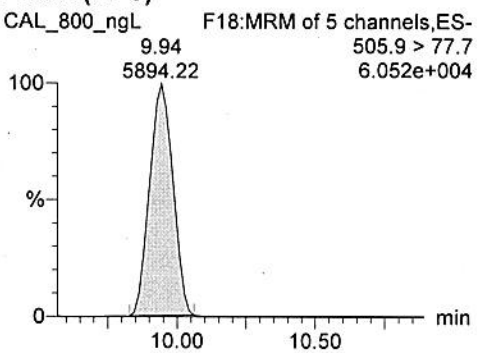

**PFTrA**



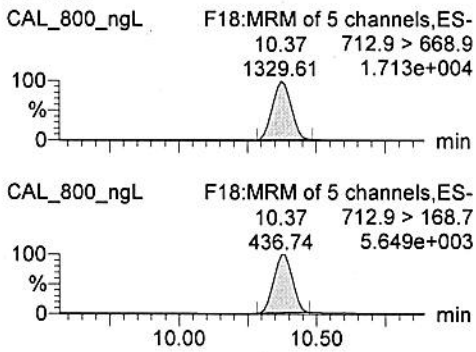

**FOSA**



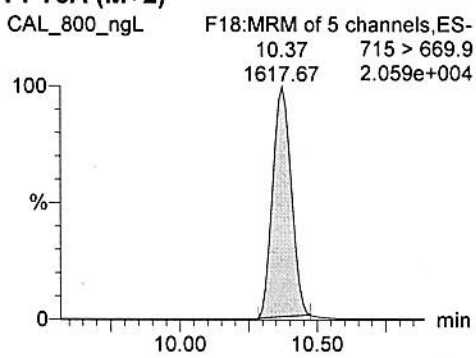

**FOSA (M+8)**




**PFTeA**




**PFTeA (M+2)**



**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:01 Eastern Daylight Time

**Name: 20180410_8040120_800ngL, Date: 10-Apr-2018, Time: 11:34:57, Description: CAL_800_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:10**

| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFBA | 2.90 | 2.90 | 0.998 | 14792.0 | 783.8 | -2.0 | 14792.035 | bb | | | |
| PFBA (M+4) | 2.89 | 2.90 | 0.998 | 15667.5 | 790.1 | -1.2 | 15667.482 | bb | | | |
| PFPeA | 3.73 | 3.73 | 0.999 | 12468.4 | 792.1 | -1.0 | 12468.414 | bb | | | |
| PFPeA (M+5) | 3.72 | 3.72 | 0.999 | 12185.2 | 790.8 | -1.1 | 12185.157 | bb | | | |
| 4:2 FTS | 4.43 | 4.43 | 0.997 | 5980.3 | 730.7 | -2.3 | 5980.302 | bb | 1.632 | 1.810 | NO |
| 4:2 FTS (M+2) | 4.43 | 4.43 | 0.998 | 6557.0 | 733.9 | -1.9 | 6556.983 | bb | | | |
| PFHxA | 4.72 | 4.72 | 0.998 | 11647.3 | 803.3 | 0.4 | 11647.289 | bb | 22.751 | 14.625 | YES |
| PFHxA (M+5) | 4.72 | 4.72 | 0.998 | 12250.3 | 794.9 | -0.6 | 12250.333 | bb | | | |
| PFBS | 4.91 | 4.91 | 0.997 | 11169.0 | 680.4 | -3.9 | 11168.958 | bb | 2.147 | 2.061 | NO |
| PFBS (M+3) | 4.91 | 4.91 | 0.999 | 14645.1 | 715.8 | -3.8 | 14645.126 | bb | | | |
| HFPO-DA | 5.08 | 5.09 | 0.993 | 2016.6 | 763.5 | -4.6 | 2016.645 | bb | 1.720 | 1.478 | NO |
| HFPO-DA (M+3) | 5.09 | 5.08 | 0.990 | 1687.9 | 723.8 | -9.5 | 1687.867 | bb | | | |
| PFHpA | 5.69 | 5.69 | 0.998 | 16646.5 | 802.4 | 0.3 | 16646.492 | bb | 3.390 | 3.190 | NO |
| PFHpA (M+4) | 5.69 | 5.69 | 0.998 | 13991.9 | 797.2 | -0.3 | 13991.883 | bb | | | |
| PFPeS | 5.97 | 5.97 | 0.999 | 15015.8 | 747.2 | -0.6 | 15015.801 | bb | 2.226 | 2.371 | NO |
| 6:2 FTS | 6.23 | 6.23 | 0.996 | 4114.1 | 726.1 | -4.5 | 4114.106 | bb | 1.154 | 1.509 | NO |
| 6:2 FTS (M+2) | 6.23 | 6.23 | 0.997 | 4542.0 | 791.7 | 4.2 | 4542.018 | bb | | | |
| PFOA | 6.56 | 6.56 | 0.998 | 14268.5 | 820.1 | 2.5 | 14268.550 | bb | 2.382 | 2.740 | NO |
| PFOA (M+8) | 6.55 | 6.55 | 0.999 | 11740.4 | 792.0 | -1.0 | 11740.355 | bb | | | |
| PFHxS | 6.90 | 6.90 | 0.997 | 11444.8 | 717.4 | -1.7 | 11444.755 | MM JG 4/23/18 | 1.697 | 1.757 | NO |
| PFHxS (M+3) | 6.90 | 6.89 | 0.998 | 13377.3 | 769.6 | 1.8 | 13377.328 | bb | | | |
| PFNA | 7.33 | 7.33 | 0.999 | 10423.0 | 790.0 | -1.3 | 10422.950 | bb | 2.576 | 2.836 | NO |
| PFNA (M+9) | 7.32 | 7.33 | 0.999 | 8303.9 | 789.5 | -1.3 | 8303.912 | bb | | | |
| PFHpS | 7.71 | 7.71 | 0.999 | 10776.9 | 770.8 | 1.4 | 10776.938 | bb | 1.979 | 2.045 | NO |
| 8:2 FTS | 7.70 | 7.70 | 0.995 | 3513.9 | 721.2 | 1.9 | 3513.894 | bb | 1.092 | 1.256 | NO |
| 8:2 FTS (M+2) | 7.70 | 7.70 | 0.996 | 1731.4 | 735.0 | 3.8 | 1731.429 | bb | | | |
| PFDA | 8.02 | 8.03 | 0.998 | 9390.7 | 779.2 | -2.6 | 9390.749 | bb | 3.514 | 4.136 | NO |
| PFDA (M+6) | 8.02 | 8.03 | 0.999 | 9765.7 | 791.3 | -1.1 | 9765.711 | bb | | | |
| N-MeFOSAA | 8.15 | 8.15 | 0.987 | 3372.4 | 835.1 | 4.4 | 3372.448 | bb | 1.143 | 1.505 | NO |
| N-MeFOSAA (M+3) | 8.14 | 8.14 | 0.975 | 3534.4 | 846.4 | 5.8 | 3534.382 | bb JG 4/23/18 | | | |
| PFOS | 8.43 | 8.43 | 0.997 | 13092.4 | 730.0 | -1.4 | 13092.365 | MM | 2.253 | 2.198 | NO |
| PFOS (M+8) | 8.43 | 8.43 | 0.997 | 11550.0 | 750.5 | -2.0 | 11549.994 | bb | | | |
| N-EtFOSAA | 8.43 | 8.43 | 0.996 | 2480.7 | 806.1 | 0.8 | 2480.714 | bb | 1.604 | 1.372 | NO |
| N-EtFOSAA (M+5) | 8.41 | 8.42 | 0.996 | 1973.7 | 818.8 | 2.3 | 1973.681 | bb | | | |
| PFUnA | 8.66 | 8.67 | 0.997 | 7627.2 | 791.7 | -1.0 | 7627.212 | bb | 4.173 | 4.515 | NO |
| PFUnA (M+7) | 8.66 | 8.66 | 0.998 | 7713.5 | 772.0 | -3.5 | 7713.482 | bb | | | |
| PFNS | 9.08 | 9.08 | 0.999 | 10690.9 | 690.1 | -2.5 | 10690.892 | bb | 1.976 | 2.042 | NO |
| PFDoA | 9.26 | 9.27 | 0.993 | 4731.4 | 769.9 | -3.8 | 4731.391 | bb | 4.930 | 5.768 | NO |
| PFDoA (M+2) | 9.26 | 9.27 | 0.995 | 5909.0 | 769.6 | -3.8 | 5908.981 | bb | | | |
| PFDS | 9.68 | 9.68 | 0.993 | 3941.2 | 587.3 | -23.9 | 3941.166 | bbX | 2.570 | 2.586 | NO |
| PFTrA | 9.82 | 9.83 | 0.968 | 2729.6 | 803.9 | 0.5 | 2729.576 | bb | 3.721 | 7.634 | YES |
| FOSA | 9.95 | 9.94 | 0.997 | 9781.6 | 751.9 | -6.0 | 9781.597 | bb | | | |
| FOSA (M+8) | 9.95 | 9.94 | 0.999 | 5894.2 | 793.9 | -0.8 | 5894.222 | bb | | | |
| PFTeA | 10.37 | 10.37 | 0.993 | 1329.6 | 774.4 | -3.2 | 1329.613 | bb | 3.077 | 3.044 | NO |
| PFTeA (M+2) | 10.36 | 10.37 | 0.987 | 1617.7 | 759.4 | -5.1 | 1617.673 | bb | | | |

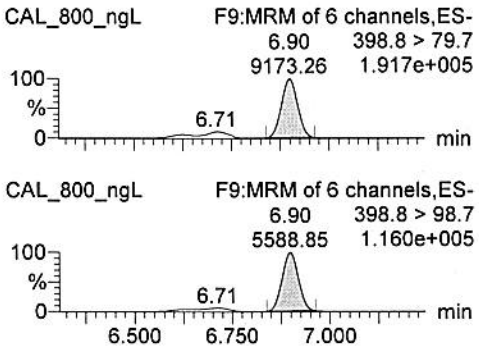
JV 4/24/18

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 07:59:41 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040120_800ngL, Date: 10-Apr-2018, Time: 11:34:57, Description: CAL_800_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:10**

**PFHxS**




original
JG 4/23/18
4/24/18

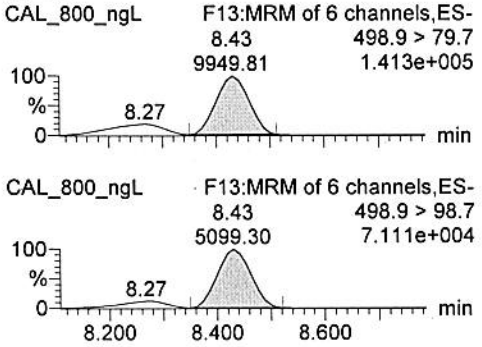
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFHxS | 6.90 | 6.90 | 0.998 | 9173.3 | 720.4 | -1.3 | 9173.265 | bb | 1.697 | 1.641 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 08:00:15 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040120_800ngL, Date: 10-Apr-2018, Time: 11:34:57, Description: CAL_800_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:10**

**PFOS**




original
J 4/23/18
24/24/18

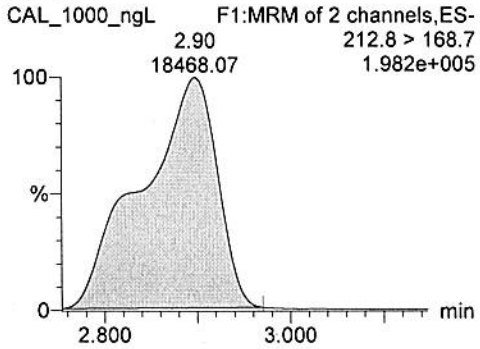
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFOS | 8.43 | 8.43 | 0.997 | 9949.8 | 744.2 | 0.6 | 9949.805 | db | 2.253 | 1.951 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:02 Eastern Daylight Time

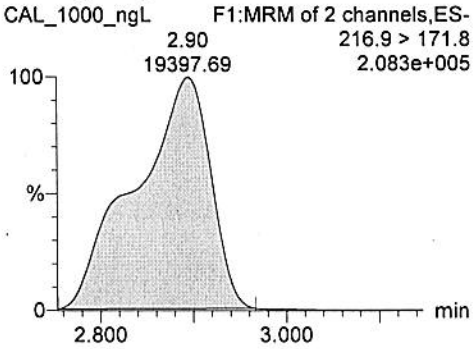
**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:35:21**

**Name: 20180410_7110304_1000ngL, Date: 10-Apr-2018, Time: 11:57:23, Description: CAL_1000_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:11**

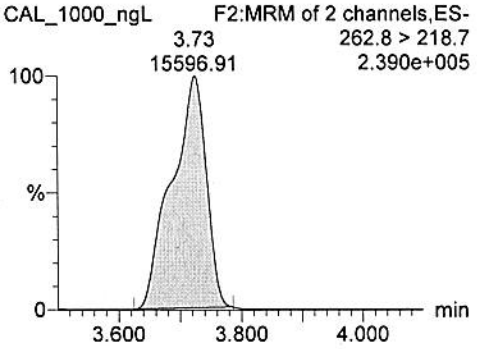
**PFBA**



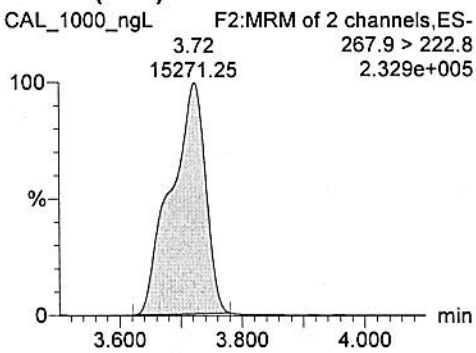

**PFBA (M+4)**



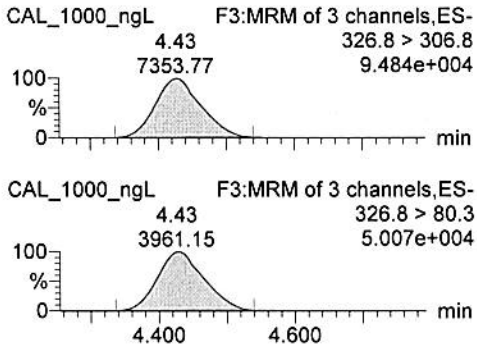

**PFPeA**



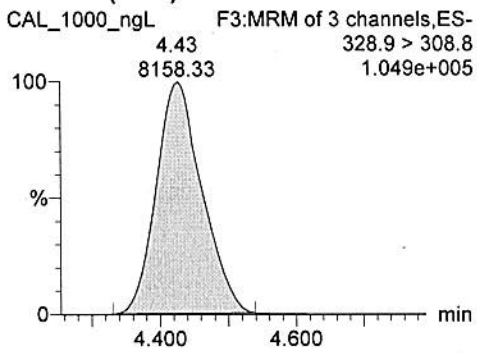

**PFPeA (M+5)**



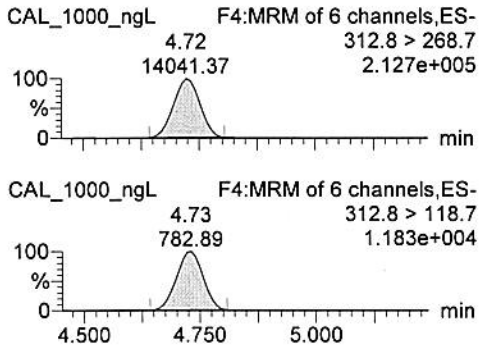

**4:2 FTS**



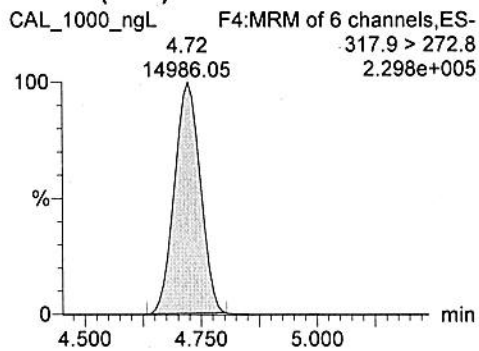

**4:2 FTS (M+2)**



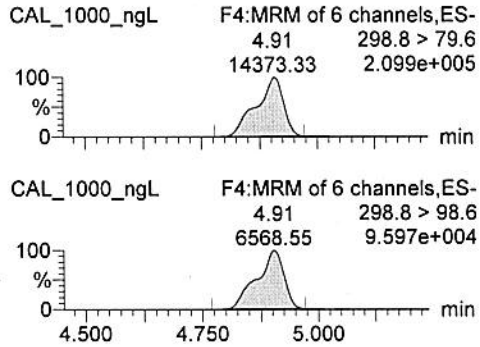

**PFHxA**



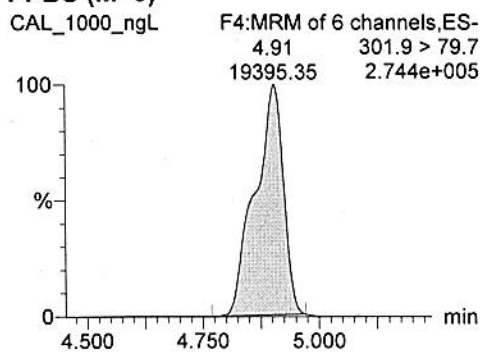

**PFHxA (M+5)**



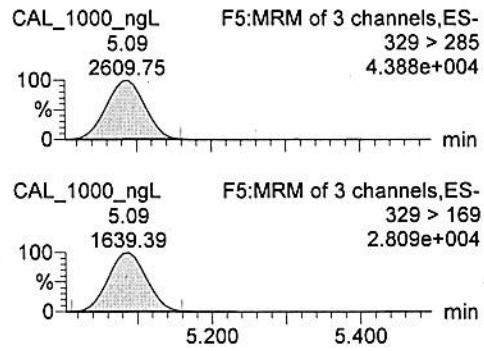

**PFBS**



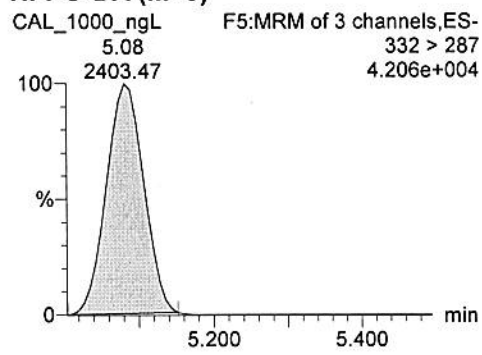

**PFBS (M+3)**




**HFPO-DA**



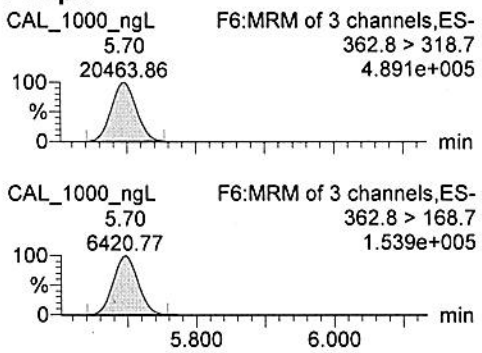

**HFPO-DA (M+3)**



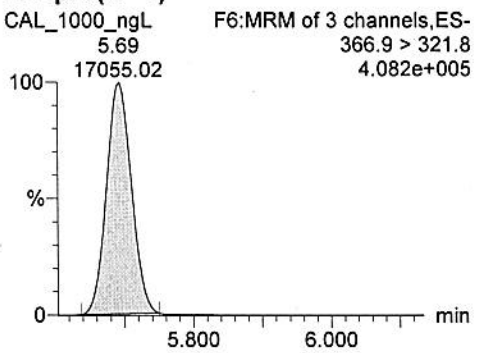
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:02 Eastern Daylight Time

**Name: 20180410_7110304_1000ngL, Date: 10-Apr-2018, Time: 11:57:23, Description: CAL_1000_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:11**

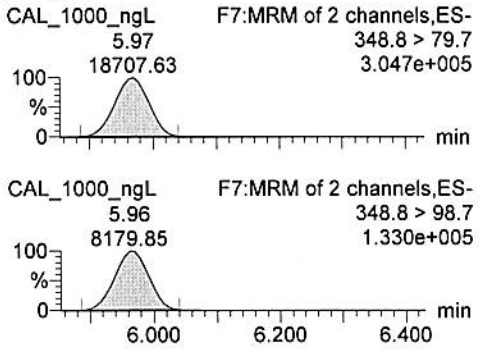
**PFHpA**



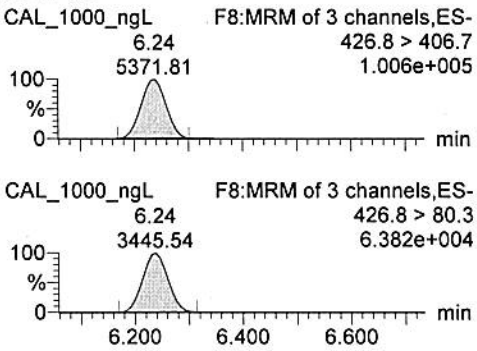

**PFHpA (M+4)**



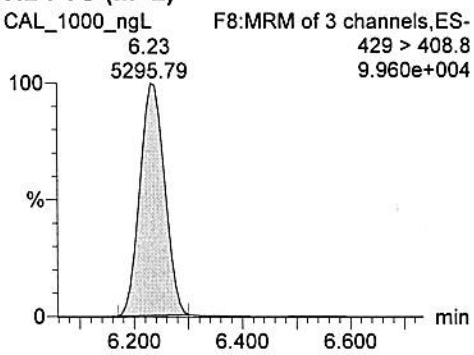

**PFPeS**



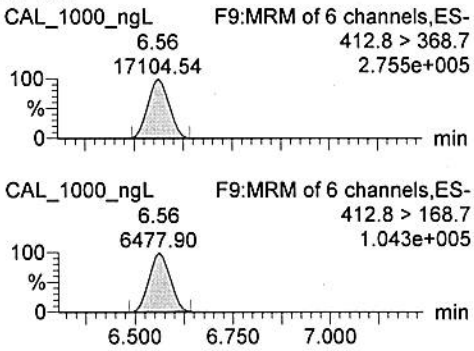

**6:2 FTS**



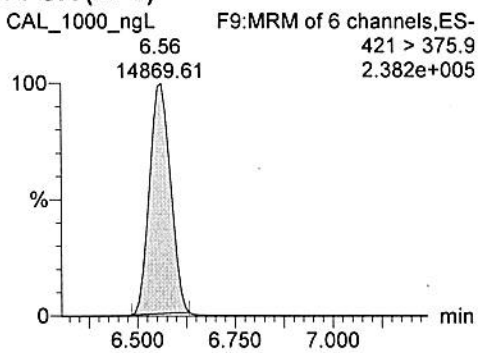

**6:2 FTS (M+2)**



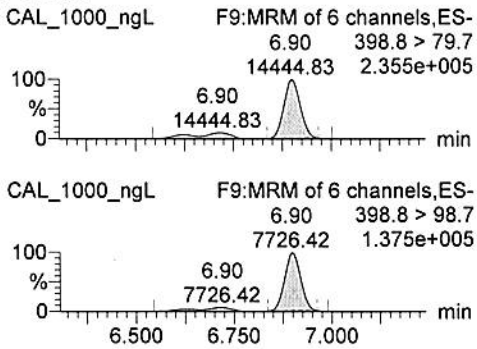

**PFOA**



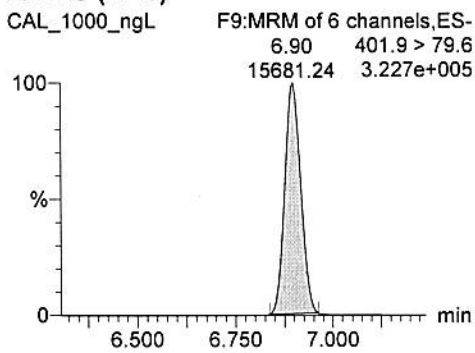

**PFOA (M+8)**



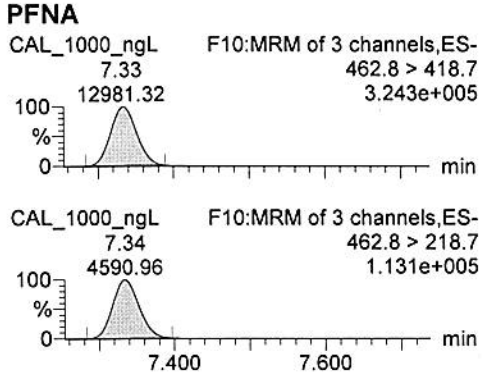

**PFHxS**



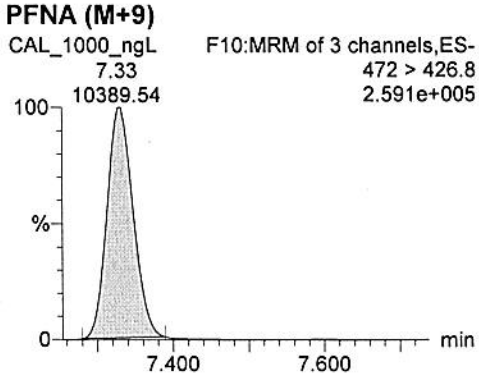

**PFHxS (M+3)**



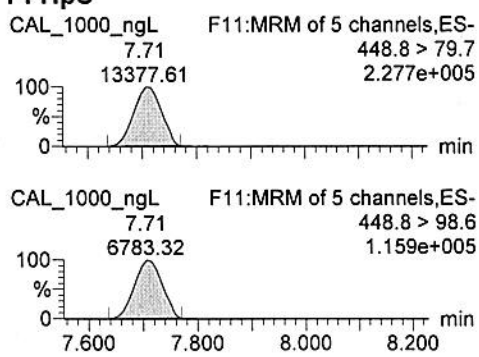

**PFNA**




**PFNA (M+9)**



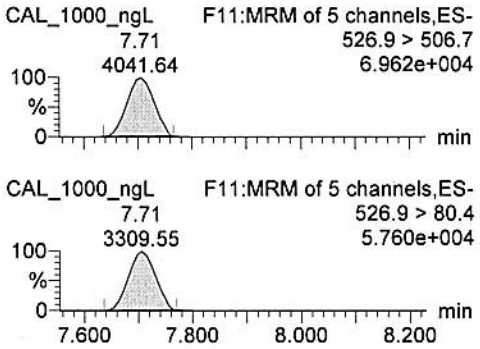

**PFHpS**



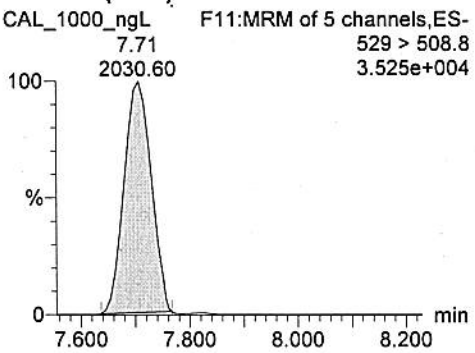
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:02 Eastern Daylight Time

**Name: 20180410_7110304_1000ngL, Date: 10-Apr-2018, Time: 11:57:23, Description: CAL_1000_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:11**

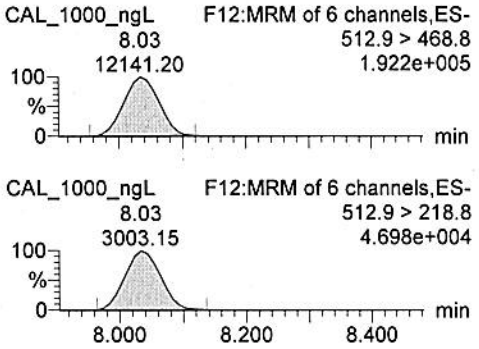
**8:2 FTS**



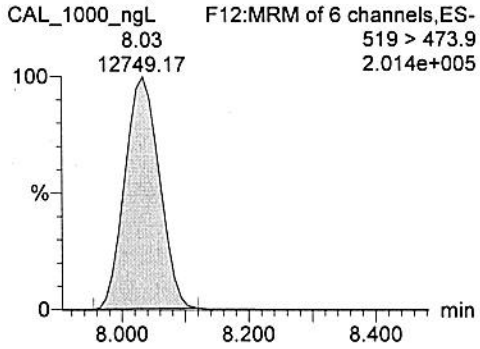

**8:2 FTS (M+2)**



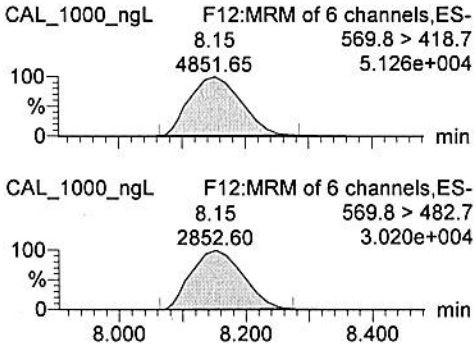

**PFDA**



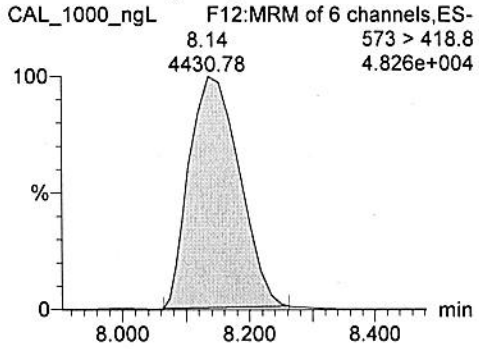

**PFDA (M+6)**



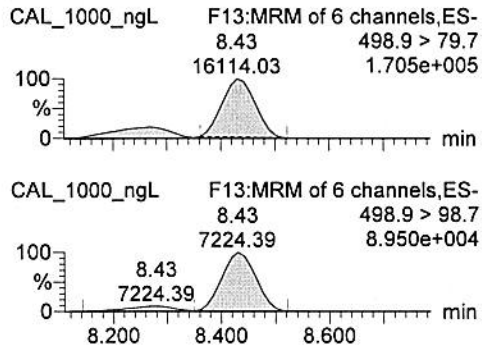

**N-MeFOSAA**



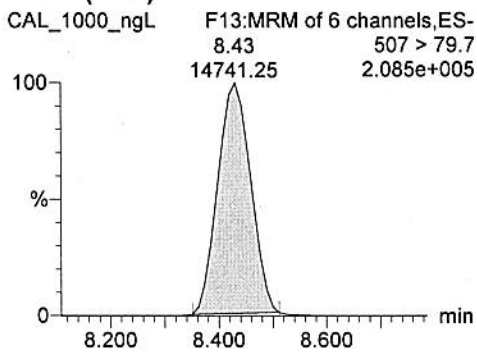

**N-MeFOSAA (M+3)**



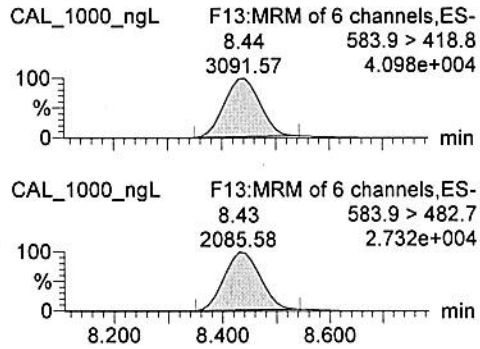

**PFOS**



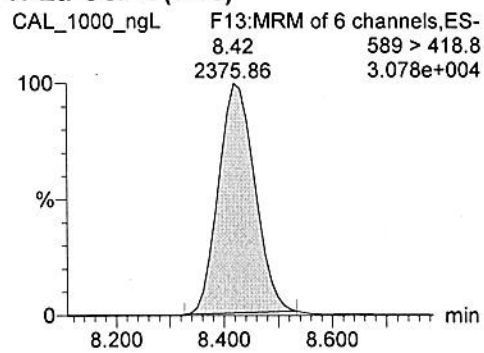

**PFOS (M+8)**



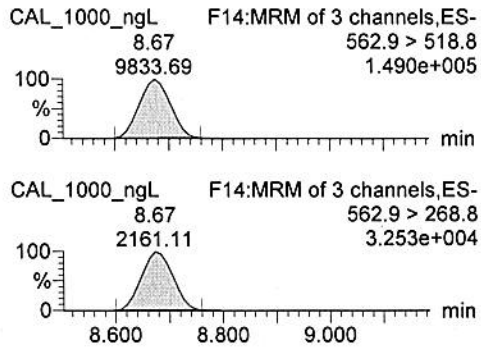

**N-EtFOSAA**



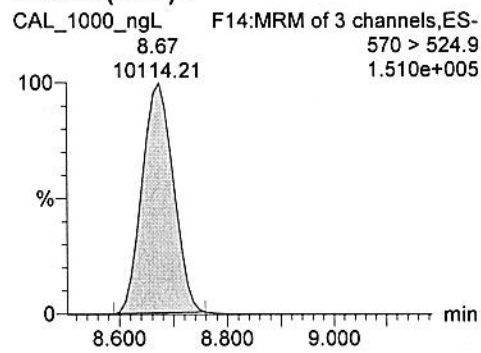

**N-EtFOSAA (M+5)**




**PFUnA**



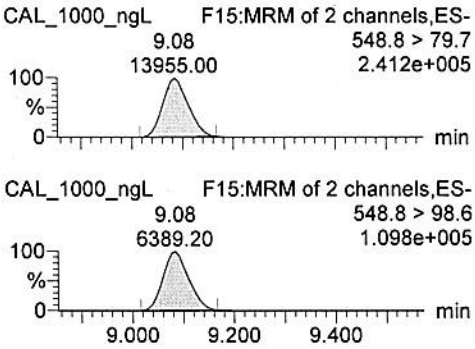

**PFUnA (M+7)**



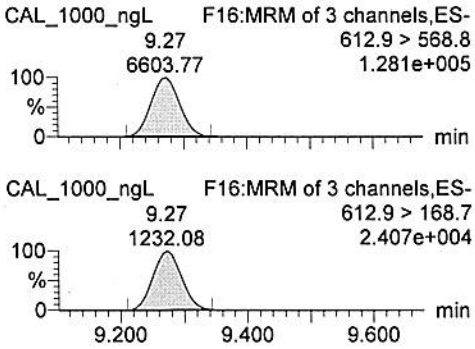
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:02 Eastern Daylight Time

**Name: 20180410_7110304_1000ngL, Date: 10-Apr-2018, Time: 11:57:23, Description: CAL_1000_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:11**

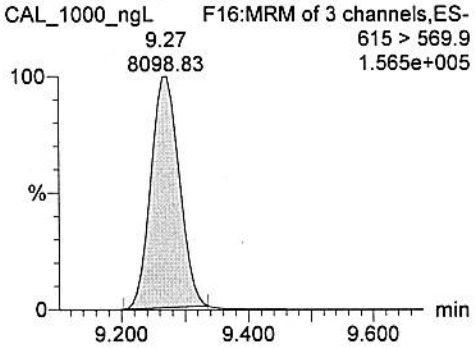
**PFNS**



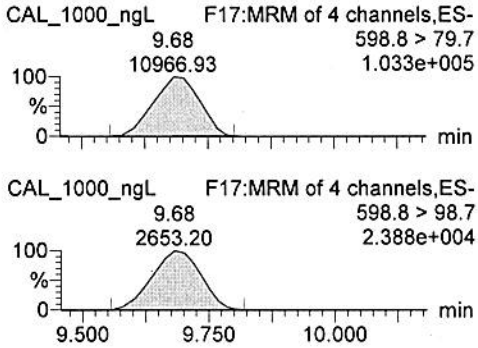

**PFDoA**



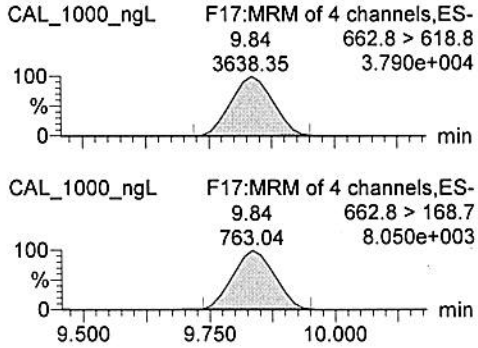

**PFDoA (M+2)**



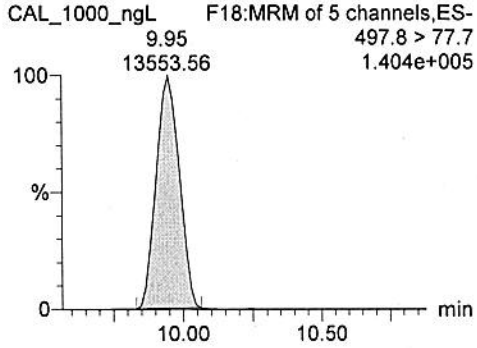

**PFDS**



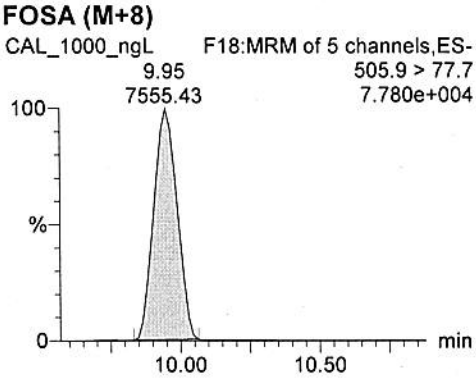

**PFTrA**



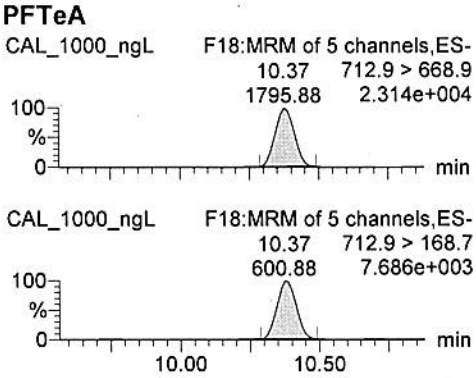

**FOSA**



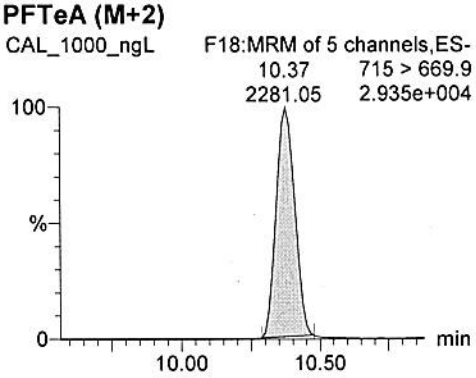

**FOSA (M+8)**




**PFTeA**




**PFTeA (M+2)**



**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:02 Eastern Daylight Time

**Name: 20180410_7110304_1000ngL, Date: 10-Apr-2018, Time: 11:57:23, Description: CAL_1000_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:11**

| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFBA | 2.90 | 2.90 | 0.998 | 18468.1 | 978.4 | -2.2 | 18468.070 | bb | | | |
| PFBA (M+4) | 2.89 | 2.90 | 0.998 | 19397.7 | 977.7 | -2.2 | 19397.686 | bb | | | |
| PFPeA | 3.73 | 3.73 | 0.999 | 15596.9 | 990.6 | -0.9 | 15596.912 | bb | | | |
| PFPeA (M+5) | 3.72 | 3.72 | 0.999 | 15271.3 | 990.6 | -0.9 | 15271.254 | bb | | | |
| 4:2 FTS | 4.43 | 4.43 | 0.997 | 7353.8 | 898.7 | -3.9 | 7353.765 | bb | 1.632 | 1.857 | NO |
| 4:2 FTS (M+2) | 4.43 | 4.43 | 0.998 | 8158.3 | 913.7 | -2.3 | 8158.332 | bb | | | |
| PFHxA | 4.72 | 4.72 | 0.998 | 14041.4 | 968.4 | -3.2 | 14041.365 | bb | 22.751 | 17.935 | NO |
| PFHxA (M+5) | 4.72 | 4.72 | 0.998 | 14986.0 | 971.7 | -2.8 | 14986.049 | bb | | | |
| PFBS | 4.91 | 4.91 | 0.997 | 14373.3 | 875.1 | -1.1 | 14373.329 | bb | 2.147 | 2.188 | NO |
| PFBS (M+3) | 4.91 | 4.91 | 0.999 | 19395.3 | 947.7 | 1.9 | 19395.348 | bb | | | |
| HFPO-DA | 5.08 | 5.09 | 0.993 | 2609.7 | 987.0 | -1.3 | 2609.748 | bb | 1.720 | 1.592 | NO |
| HFPO-DA (M+3) | 5.09 | 5.08 | 0.990 | 2403.5 | 1029 | 2.9 | 2403.473 | bb | | | |
| PFHpA | 5.69 | 5.70 | 0.998 | 20463.9 | 986.4 | -1.4 | 20463.855 | bb | 3.390 | 3.187 | NO |
| PFHpA (M+4) | 5.69 | 5.69 | 0.998 | 17055.0 | 971.4 | -2.9 | 17055.020 | bb | | | |
| PFPeS | 5.97 | 5.97 | 0.999 | 18707.6 | 930.8 | -1.0 | 18707.633 | bb | 2.226 | 2.287 | NO |
| 6:2 FTS | 6.23 | 6.24 | 0.996 | 5371.8 | 956.9 | 0.7 | 5371.813 | bb | 1.154 | 1.559 | YES |
| 6:2 FTS (M+2) | 6.23 | 6.23 | 0.997 | 5295.8 | 923.8 | -2.8 | 5295.789 | bb | | | |
| PFOA | 6.56 | 6.56 | 0.998 | 17104.5 | 983.4 | -1.7 | 17104.545 | bb | 2.382 | 2.640 | NO |
| PFOA (M+8) | 6.55 | 6.56 | 0.999 | 14869.6 | 1002 | 0.2 | 14869.606 | bb | | | |
| PFHxS | 6.90 | 6.90 | 0.997 | 14444.8 | 906.3 | -0.6 | 14444.832 | MM JG | 1.697 | 1.870 | NO |
| PFHxS (M+3) | 6.90 | 6.90 | 0.998 | 15681.2 | 902.1 | -4.5 | 15681.237 | bb 4/23/18 | | | |
| PFNA | 7.33 | 7.33 | 0.999 | 12981.3 | 983.9 | -1.6 | 12981.315 | bb | 2.576 | 2.828 | NO |
| PFNA (M+9) | 7.32 | 7.33 | 0.999 | 10389.5 | 987.0 | -1.3 | 10389.540 | bb | | | |
| PFHpS | 7.71 | 7.71 | 0.999 | 13377.6 | 957.0 | 0.7 | 13377.611 | bb | 1.979 | 1.972 | NO |
| 8:2 FTS | 7.70 | 7.71 | 0.995 | 4041.6 | 828.2 | -6.4 | 4041.637 | bb | 1.092 | 1.221 | NO |
| 8:2 FTS (M+2) | 7.70 | 7.71 | 0.996 | 2030.6 | 860.8 | -2.7 | 2030.597 | bb | | | |
| PFDA | 8.02 | 8.03 | 0.998 | 12141.2 | 1006 | 0.6 | 12141.199 | bb | 3.514 | 4.043 | NO |
| PFDA (M+6) | 8.02 | 8.03 | 0.999 | 12749.2 | 1031 | 3.1 | 12749.168 | bb | | | |
| N-MeFOSAA | 8.15 | 8.15 | 0.987 | 4851.6 | 1194 | 19.4 | 4851.646 | bbX | 1.143 | 1.701 | YES |
| N-MeFOSAA (M+3) | 8.14 | 8.14 | 0.975 | 4430.8 | 1057 | 5.7 | 4430.784 | bb | | | |
| PFOS | 8.43 | 8.43 | 0.997 | 16114.0 | 898.3 | -2.9 | 16114.034 | MM JG | 2.253 | 2.230 | NO |
| PFOS (M+8) | 8.43 | 8.43 | 0.997 | 14741.3 | 958.0 | 0.1 | 14741.252 | bb 4/23/18 | | | |
| N-EtFOSAA | 8.43 | 8.44 | 0.996 | 3091.6 | 1002 | 0.2 | 3091.574 | bb | 1.604 | 1.482 | NO |
| N-EtFOSAA (M+5) | 8.41 | 8.42 | 0.996 | 2375.9 | 983.3 | -1.7 | 2375.859 | bb | | | |
| PFUnA | 8.66 | 8.67 | 0.997 | 9833.7 | 1020 | 2.0 | 9833.694 | bb | 4.173 | 4.550 | NO |
| PFUnA (M+7) | 8.66 | 8.67 | 0.998 | 10114.2 | 1011 | 1.1 | 10114.211 | bb | | | |
| PFNS | 9.08 | 9.08 | 0.999 | 13955.0 | 899.6 | 1.6 | 13954.996 | bb | 1.976 | 2.184 | NO |
| PFDoA | 9.26 | 9.27 | 0.993 | 6603.8 | 1071 | 7.1 | 6603.770 | bb | 4.930 | 5.360 | NO |
| PFDoA (M+2) | 9.26 | 9.27 | 0.995 | 8098.8 | 1050 | 5.0 | 8098.833 | bb | | | |
| PFDS | 9.68 | 9.68 | 0.993 | 10966.9 | 1639 | 69.9 | 10966.930 | bbX | 2.570 | 4.134 | YES |
| PFTrA | 9.82 | 9.84 | 0.968 | 3638.3 | 1065 | 6.5 | 3638.350 | bb | 3.721 | 4.768 | NO |
| FOSA | 9.95 | 9.95 | 0.997 | 13553.6 | 1040 | 4.0 | 13553.563 | bb | | | |
| FOSA (M+8) | 9.95 | 9.95 | 0.999 | 7555.4 | 1015 | 1.5 | 7555.431 | bb | | | |
| PFTeA | 10.37 | 10.37 | 0.993 | 1795.9 | 1035 | 3.5 | 1795.875 | bb | 3.077 | 2.989 | NO |
| PFTeA (M+2) | 10.36 | 10.37 | 0.987 | 2281.1 | 1057 | 5.7 | 2281.052 | bb | | | |

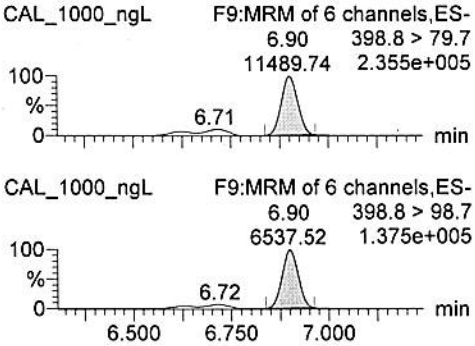
24/24/18

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 07:59:46 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_7110304_1000ngL, Date: 10-Apr-2018, Time: 11:57:23, Description: CAL_1000_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:11**

**PFHxS**




original
JG 4/23/18
JV 4/24/18

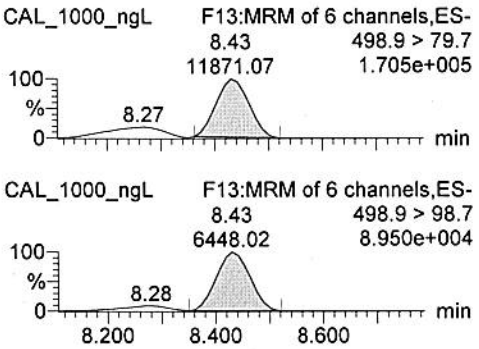
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFHxS | 6.90 | 6.90 | 0.998 | 11489.7 | 902.6 | -1.0 | 11489.737 | bb | 1.697 | 1.758 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 08:00:18 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_7110304_1000ngL, Date: 10-Apr-2018, Time: 11:57:23, Description: CAL_1000_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:11**

**PFOS**




original
JG 4/23/18
JV 4/24/18

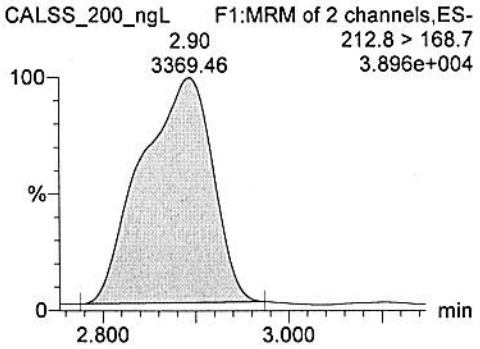
| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFOS | 8.43 | 8.43 | 0.997 | 11871.1 | 888.0 | -4.0 | 11871.069 | bb | 2.253 | 1.841 | NO |

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:02 Eastern Daylight Time

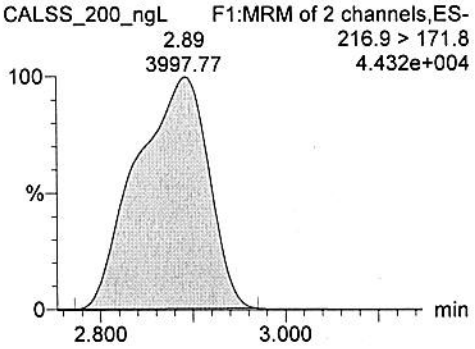
**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:35:21**

**Name: 20180410_8040121_200ngLSS, Date: 10-Apr-2018, Time: 12:19:52, Description: CALSS_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:12**

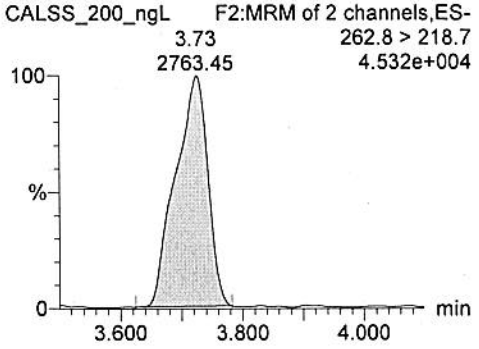
**PFBA**



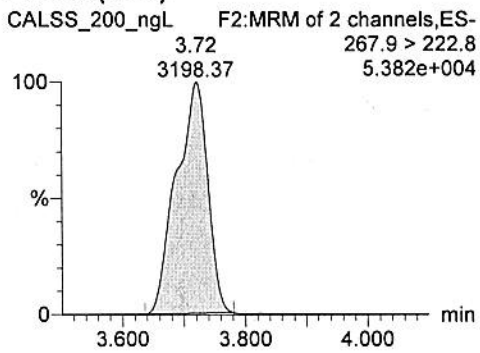

**PFBA (M+4)**



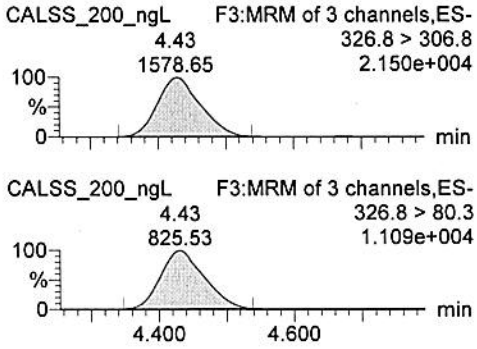

**PFPeA**



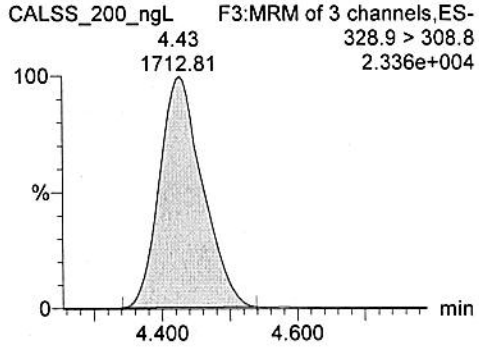

**PFPeA (M+5)**



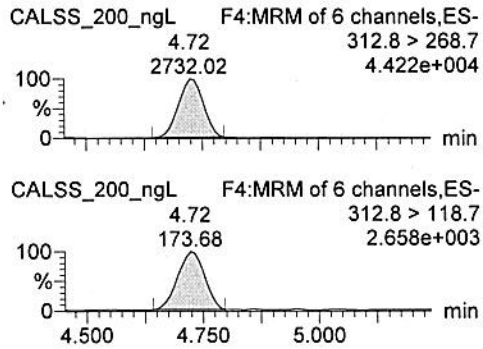

**4:2 FTS**



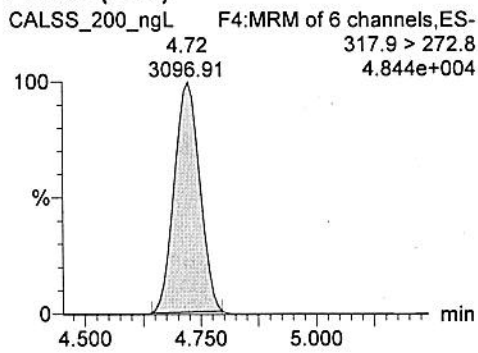

**4:2 FTS (M+2)**



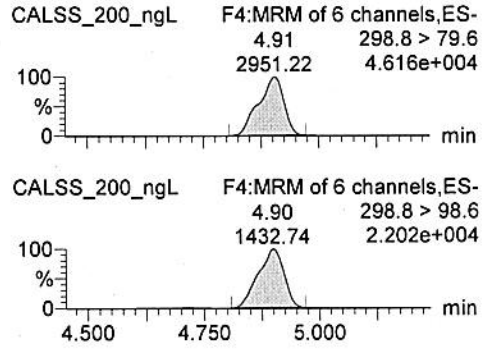

**PFHxA**



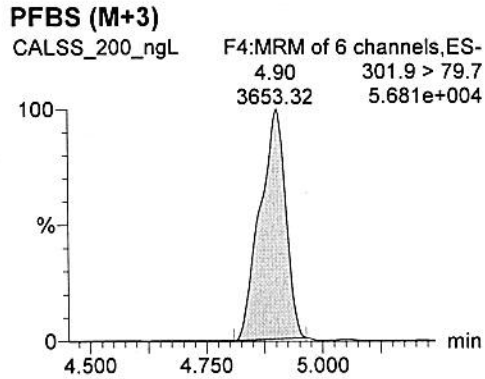

**PFHxA (M+5)**



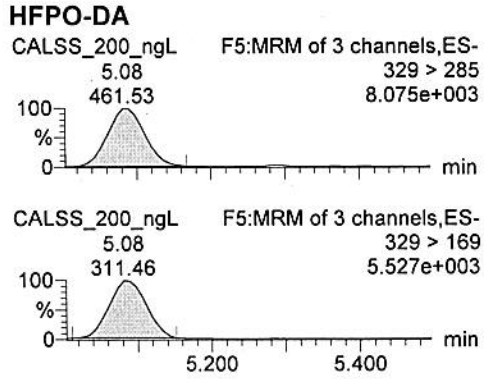

**PFBS**



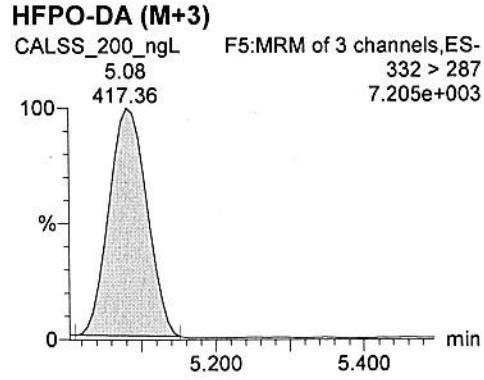

**PFBS (M+3)**




**HFPO-DA**



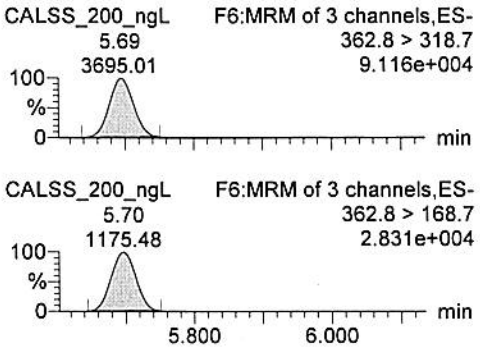

**HFPO-DA (M+3)**



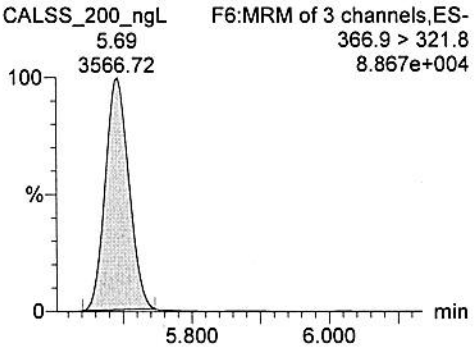
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:02 Eastern Daylight Time

**Name: 20180410_8040121_200ngLSS, Date: 10-Apr-2018, Time: 12:19:52, Description: CALSS_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:12**

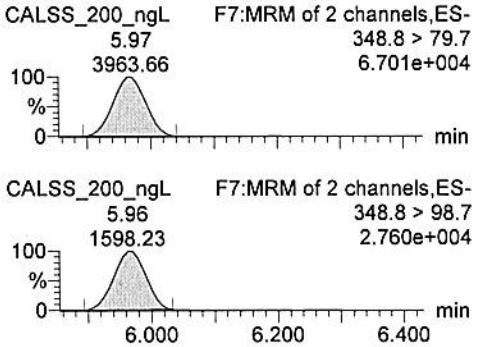
**PFHpA**



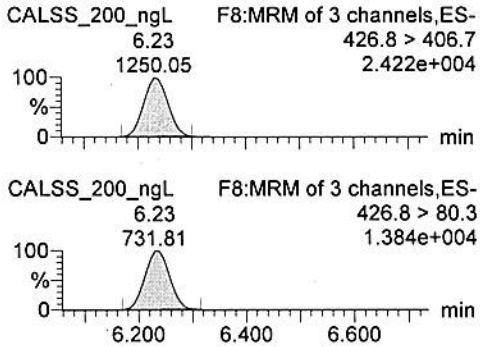

**PFHpA (M+4)**



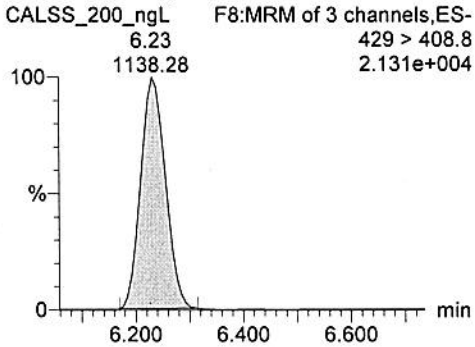

**PFPeS**



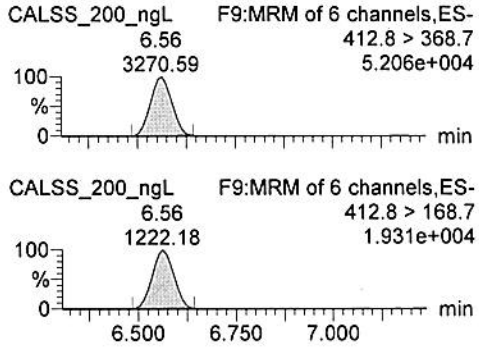

**6:2 FTS**



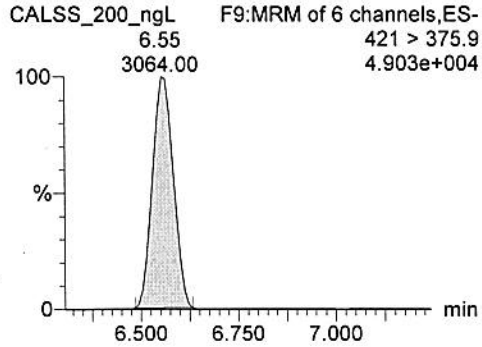

**6:2 FTS (M+2)**



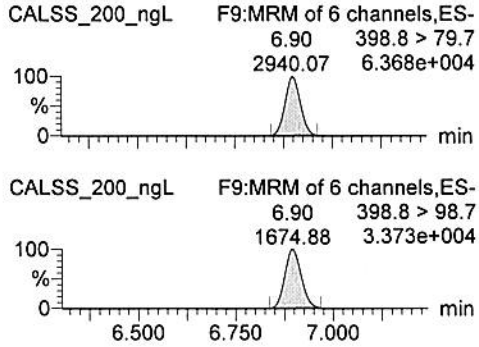

**PFOA**



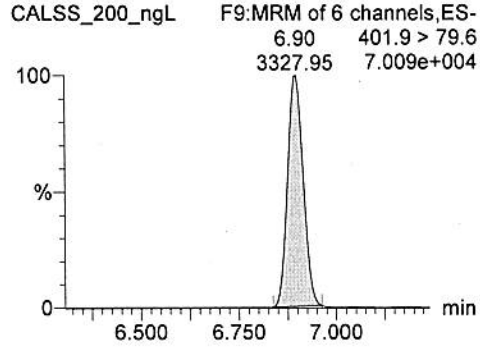

**PFOA (M+8)**



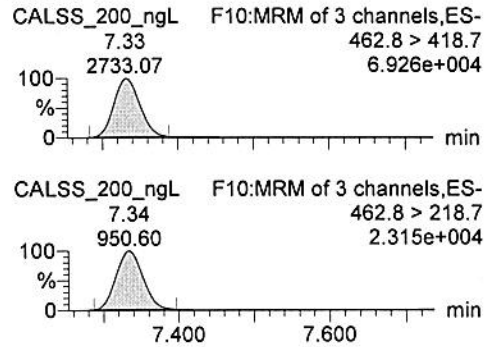

**PFHxS**



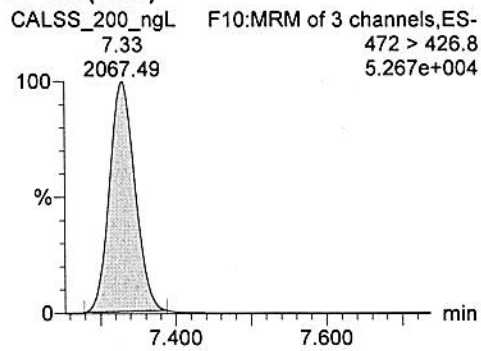

**PFHxS (M+3)**



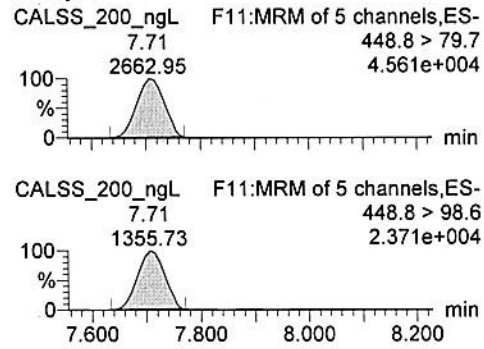

**PFNA**




**PFNA (M+9)**



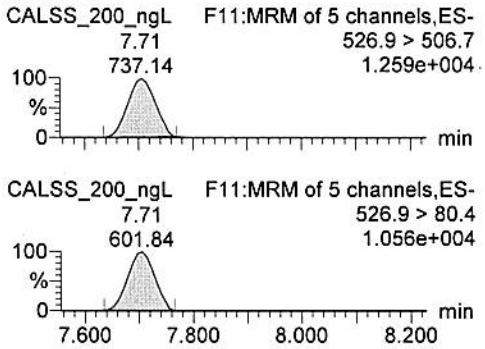

**PFHpS**



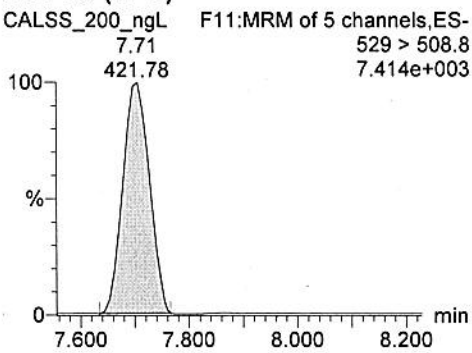
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:02 Eastern Daylight Time

**Name: 20180410_8040121_200ngLSS, Date: 10-Apr-2018, Time: 12:19:52, Description: CALSS_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:12**

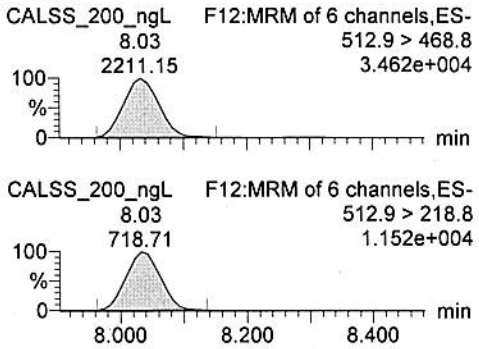
**8:2 FTS**



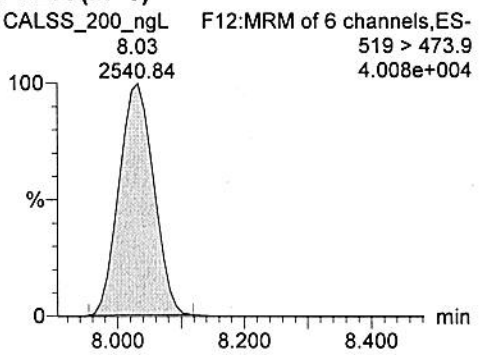

**8:2 FTS (M+2)**



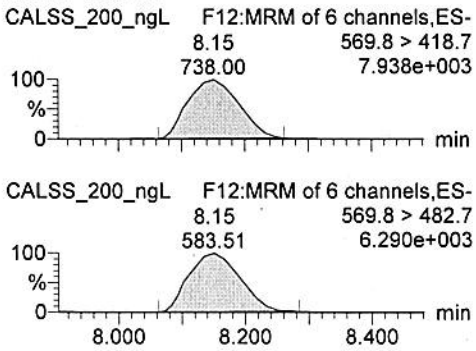

**PFDA**



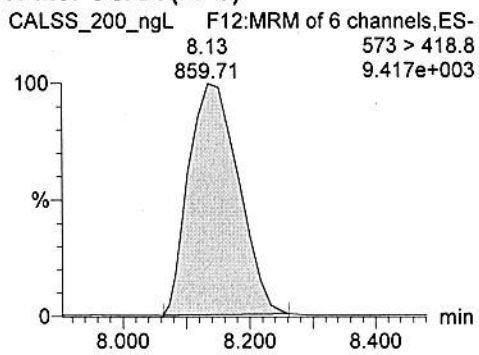

**PFDA (M+6)**



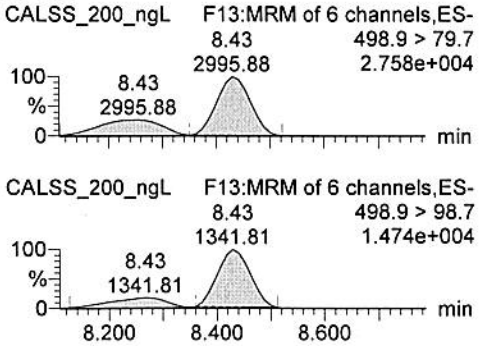

**N-MeFOSAA**



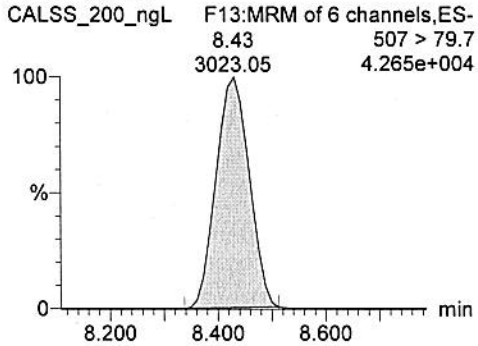

**N-MeFOSAA (M+3)**



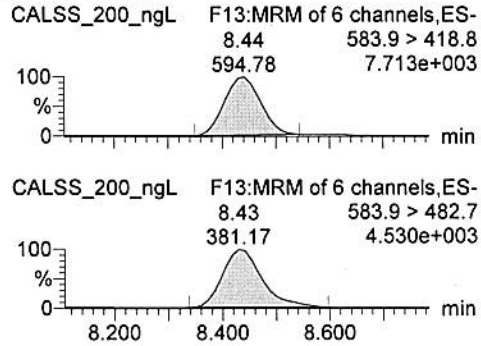

**PFOS**



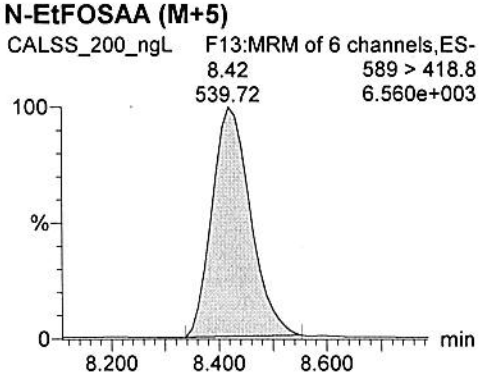

**PFOS (M+8)**



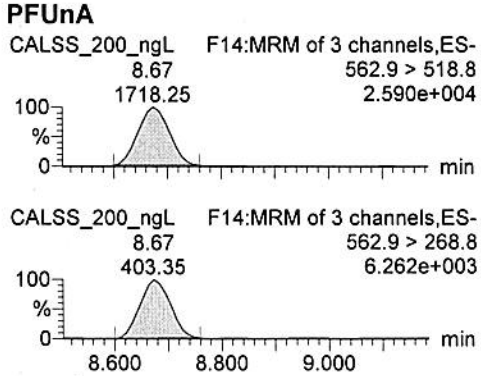

**N-EtFOSAA**



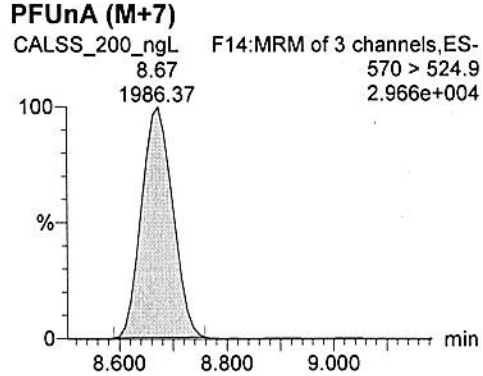

**N-EtFOSAA (M+5)**




**PFUnA**



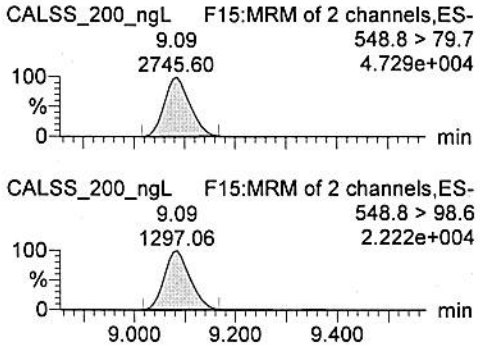

**PFUnA (M+7)**



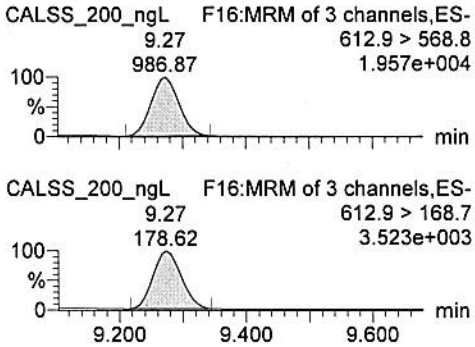
**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:02 Eastern Daylight Time

**Name: 20180410_8040121_200ngLSS, Date: 10-Apr-2018, Time: 12:19:52, Description: CALSS_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:12**

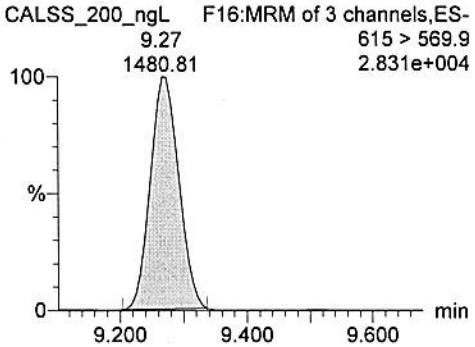
**PFNS**



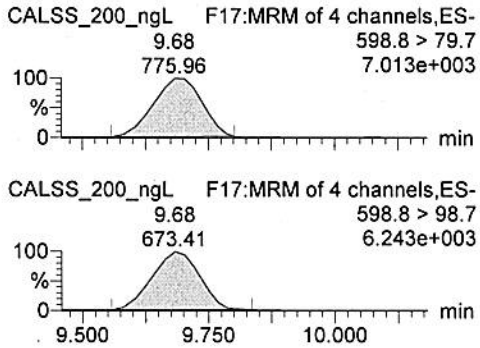

**PFDoA**



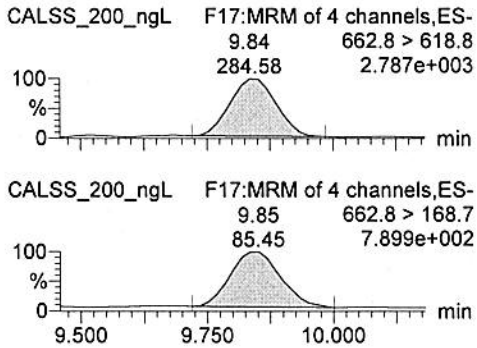

**PFDoA (M+2)**



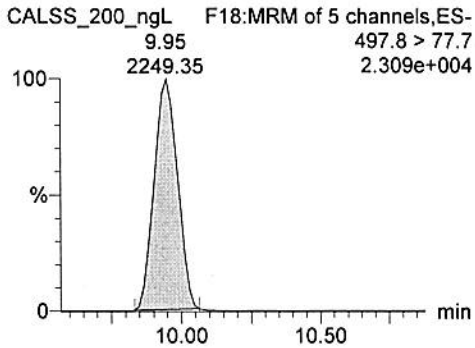

**PFDS**



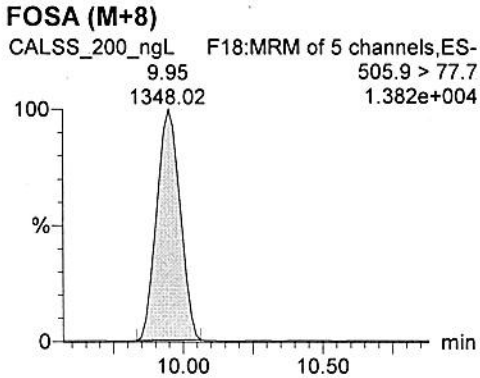

**PFTrA**



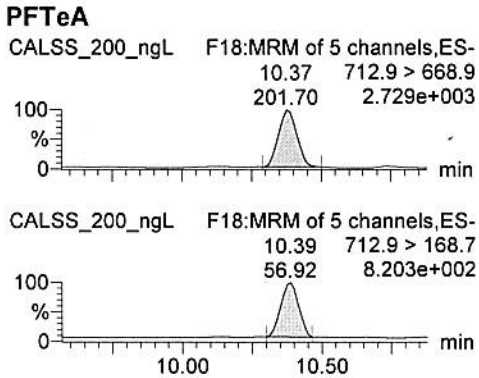

**FOSA**



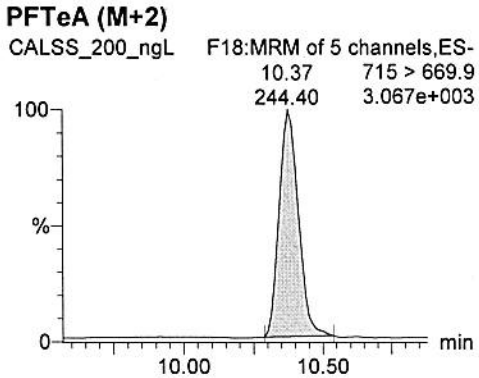

**FOSA (M+8)**




**PFTeA**




**PFTeA (M+2)**



**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:35:21 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:41:02 Eastern Daylight Time

**Name: 20180410_8040121_200ngLSS, Date: 10-Apr-2018, Time: 12:19:52, Description: CALSS_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:12**

| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFBA | 2.90 | 2.90 | 0.998 | 3369.5 | 178.8 | -10.6 | 3369.457 | bb | | | |
| PFBA (M+4) | 2.89 | 2.89 | 0.998 | 3997.8 | 203.2 | 1.6 | 3997.767 | bb | | | |
| PFPeA | 3.73 | 3.73 | 0.999 | 2763.4 | 176.2 | -11.9 | 2763.449 | bb | | | |
| PFPeA (M+5) | 3.72 | 3.72 | 0.999 | 3198.4 | 209.0 | 4.5 | 3198.370 | bb | | | |
| 4:2 FTS | 4.43 | 4.43 | 0.997 | 1578.7 | 192.4 | 2.9 | 1578.654 | bb | 1.632 | 1.912 | NO |
| 4:2 FTS (M+2) | 4.43 | 4.43 | 0.998 | 1712.8 | 190.0 | 1.6 | 1712.813 | bb | | | |
| PFHxA | 4.72 | 4.72 | 0.998 | 2732.0 | 188.3 | -5.9 | 2732.024 | bb | 22.751 | 15.730 | NO |
| PFHxA (M+5) | 4.72 | 4.72 | 0.998 | 3096.9 | 203.2 | 1.6 | 3096.906 | bb | | | |
| PFBS | 4.91 | 4.91 | 0.997 | 2951.2 | 181.0 | 2.3 | 2951.224 | bb | 2.147 | 2.060 | NO |
| PFBS (M+3) | 4.91 | 4.90 | 0.999 | 3653.3 | 179.4 | -3.6 | 3653.321 | bb | | | |
| HFPO-DA | 5.08 | 5.08 | 0.993 | 461.5 | 177.7 | -11.2 | 461.529 | bb | 1.720 | 1.482 | NO |
| HFPO-DA (M+3) | 5.09 | 5.08 | 0.990 | 417.4 | 181.7 | -9.1 | 417.357 | bb | | | |
| PFHpA | 5.69 | 5.69 | 0.998 | 3695.0 | 178.0 | -11.0 | 3695.010 | bb | 3.390 | 3.143 | NO |
| PFHpA (M+4) | 5.69 | 5.69 | 0.998 | 3566.7 | 204.4 | 2.2 | 3566.725 | bb | | | |
| PFPeS | 5.97 | 5.97 | 0.999 | 3963.7 | 197.6 | 5.1 | 3963.658 | bb | 2.226 | 2.480 | NO |
| 6:2 FTS | 6.23 | 6.23 | 0.996 | 1250.1 | 200.5 | 5.5 | 1250.054 | bb | 1.154 | 1.708 | YES |
| 6:2 FTS (M+2) | 6.23 | 6.23 | 0.997 | 1138.3 | 195.0 | 2.6 | 1138.282 | bb | | | |
| PFOA | 6.56 | 6.56 | 0.998 | 3270.6 | 187.0 | -6.5 | 3270.585 | bb | 2.382 | 2.676 | NO |
| PFOA (M+8) | 6.55 | 6.55 | 0.999 | 3064.0 | 210.2 | 5.1 | 3064.002 | bb | | | |
| PFHxS | 6.90 | 6.90 | 0.997 | 2940.1 | 182.1 | -0.2 | 2940.071 | bb | 1.697 | 1.755 | NO |
| PFHxS (M+3) | 6.90 | 6.90 | 0.998 | 3328.0 | 191.9 | 1.6 | 3327.955 | bb | | | |
| PFNA | 7.33 | 7.33 | 0.999 | 2733.1 | 207.2 | 3.6 | 2733.068 | bb | 2.576 | 2.875 | NO |
| PFNA (M+9) | 7.32 | 7.33 | 0.999 | 2067.5 | 198.9 | -0.5 | 2067.487 | bb | | | |
| PFHpS | 7.71 | 7.71 | 0.999 | 2662.9 | 189.8 | -0.1 | 2662.950 | bb | 1.979 | 1.964 | NO |
| 8:2 FTS | 7.70 | 7.71 | 0.995 | 737.1 | 157.9 | -10.8 | 737.138 | bb | 1.092 | 1.225 | NO |
| 8:2 FTS (M+2) | 7.70 | 7.71 | 0.996 | 421.8 | 184.2 | 4.1 | 421.778 | bb | | | |
| PFDA | 8.02 | 8.03 | 0.998 | 2211.2 | 187.8 | -6.1 | 2211.152 | bb | 3.514 | 3.077 | NO |
| PFDA (M+6) | 8.02 | 8.03 | 0.999 | 2540.8 | 209.9 | 4.9 | 2540.841 | bb | | | |
| N-MeFOSAA | 8.15 | 8.15 | 0.987 | 738.0 | 195.3 | -2.3 | 738.000 | bb | 1.143 | 1.265 | NO |
| N-MeFOSAA (M+3) | 8.14 | 8.13 | 0.975 | 859.7 | 216.9 | 8.5 | 859.706 | bb | | | |
| PFOS | 8.43 | 8.43 | 0.997 | 2995.9 | 167.8 | -9.3 | 2995.879 | MM JG | 2.253 | 2.233 | NO |
| PFOS (M+8) | 8.43 | 8.43 | 0.997 | 3023.1 | 195.9 | 2.3 | 3023.053 | bb 4/23/18 | | | |
| N-EtFOSAA | 8.43 | 8.44 | 0.996 | 594.8 | 201.4 | 0.7 | 594.784 | bb | 1.604 | 1.560 | NO |
| N-EtFOSAA (M+5) | 8.41 | 8.42 | 0.996 | 539.7 | 232.2 | 16.1 | 539.715 | bb | | | |
| PFUnA | 8.66 | 8.67 | 0.997 | 1718.3 | 181.6 | -9.2 | 1718.250 | bb | 4.173 | 4.260 | NO |
| PFUnA (M+7) | 8.66 | 8.67 | 0.998 | 1986.4 | 202.2 | 1.1 | 1986.368 | bb | | | |
| PFNS | 9.08 | 9.09 | 0.999 | 2745.6 | 180.3 | 1.8 | 2745.598 | bb | 1.976 | 2.117 | NO |
| PFDoA | 9.26 | 9.27 | 0.993 | 986.9 | 168.0 | -16.0 | 986.869 | bb | 4.930 | 5.525 | NO |
| PFDoA (M+2) | 9.26 | 9.27 | 0.995 | 1480.8 | 202.2 | 1.1 | 1480.813 | bb | | | |
| PFDS | 9.68 | 9.68 | 0.993 | 776.0 | 113.5 | -41.2 | 775.963 | bb | 2.570 | 1.152 | YES |
| PFTrA | 9.82 | 9.84 | 0.968 | 284.6 | 101.0 | -49.5 | 284.584 | bb | 3.721 | 3.330 | NO |
| FOSA | 9.95 | 9.95 | 0.997 | 2249.3 | 177.0 | -11.5 | 2249.348 | bb | | | |
| FOSA (M+8) | 9.95 | 9.95 | 0.999 | 1348.0 | 188.1 | -5.9 | 1348.017 | bb | | | |
| PFTeA | 10.37 | 10.37 | 0.993 | 201.7 | 143.5 | -28.2 | 201.704 | bb | 3.077 | 3.543 | NO |
| PFTeA (M+2) | 10.36 | 10.37 | 0.987 | 244.4 | 144.0 | -28.0 | 244.403 | bb | | | |

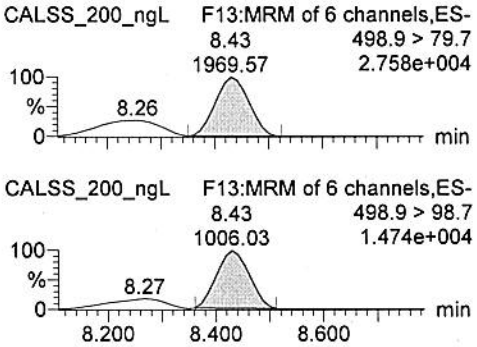
FV 4/24/18

**Quantify Sample Report** **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Monday, April 23, 2018 07:58:48 Eastern Daylight Time
Printed: Monday, April 23, 2018 08:00:20 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: 23 Apr 2018 07:58:47**

**Name: 20180410_8040121_200ngLSS, Date: 10-Apr-2018, Time: 12:19:52, Description: CALSS_200_ngL, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:12**

**PFOS**




original
JG 4/23/18
4/24/18

| Name | Pred RT | Act RT | COD | Area | ng/L | %Dev | Response | Flags | PredRatio | ActRatio | RatioFail? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PFOS | 8.43 | 8.43 | 0.997 | 1969.6 | 147.1 | -20.5 | 1969.574 | db | 2.253 | 1.958 | NO |

Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:09:09 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:11:17 Eastern Daylight Time

**Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33**
**Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:09:09**

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Header
Acquired File Name:   20180410_Instrument Blank_1
Acquired Date:        10-Apr-2018
Acquired Time:        08:12:41
Job Code:             20180410
Task Code:
User Name:
Laboratory Name:
Instrument:           ACQ-TQD#NotSet
Conditions:
Submitter:
SampleID:
Bottle Number:        2:1
Description:          Instrument Blank 1
Instrument Calibration:
Calibration File: C:\MassLynx\IntelliStart\Results\Quan 1.1\Calibration_20180212.cal
Parameters
MS1 Static:
Mass:             130 Da to 625 Da.
Resolution:       0.0/15.0
Ion Energy:       0.4
Reference File:   Naics
Acquisition File: STATMS1
MS1 Scanning:
Mass:             50 Da to 750 Da.
Resolution:       0.0/15.0
Ion Energy:       0.4
Reference File:   Naics
Acquisition File: SCNMS1
MS1 Scan Speed Compensation:
Scan:             100 to 2000 amu/sec.
Resolution:       0.0/15.0
Ion Energy:       0.4
Reference File:   Naics
Acquisition File: FASTMS1
MS2 Static:
Mass:             130 Da to 625 Da.
Resolution:       2.1/15.0
Ion Energy:       1.4
Reference File:   Naics
Acquisition File: STATMS2
MS2 Scanning:
Mass:             50 Da to 750 Da.
Resolution:       2.1/15.0
Ion Energy:       1.4
Reference File:   Naics
Acquisition File: SCNMS2
MS2 Scan Speed Compensation:
Scan:             100 to 4000 amu/sec.
Resolution:       2.1/15.0
Ion Energy:       1.4
Reference File:   Naics
Acquisition File: FASTMS2
Calibration Time: 10:23
Calibration Date: 02/12/18
Coefficients
MS1 Static:       -0.000000000027*x^4 + 0.000000039200*x^3 + -0.000019540802*x^2 + 1.00379582884
```

```
9*x +-0.161322200292
MS2 Static:       -0.000000000000*x^4 + -0.000000002261*x^3 + 0.000003214514*x^2 + 0.99854635912
5*x +0.392138987490
Function 1:       None
Function 2:       None
Function 3:       None
Function 4:       None
Function 5:       None
Function 6:       None
Function 7:       None
Function 8:       None
Function 9:       None
Function 10:      None
Function 11:      None
Function 12:      None
Function 13:      None
Function 14:      None
Function 15:      None
Function 16:      None
Function 17:      None
Function 18:      None
Parameters for C:\MassLynx\PFAS_2016.PRO\ACQUDB\PFAS_MRM_20180405.EXP
Data Processing:
SIR / MRM Chromatogram Spike Removal      ON
SIR / MRM Smoothing           OFF
Smoothing window size (scans) 3
Number of smooths       2
Prescan Statistics:
Initial Average Intensity     10.3547
Initial Average Std Dev       1.2759
Bunch Zero Level        0.0146
Bunch Std Dev                 0.0150
Bunch Threshold               0.1197
Spike Removal Std Dev         1.2206
Method Events:
Initial Stop Flow:      No Change
Initial Switch 2: No Change
Initial Switch 3: No Change
Initial Switch 4: No Change
Initial Infusion: No Change
Initial Flow State:     LC
Initial Flow Rate:      5
Initial Reservoir:      No Action
API Probe Delay Temp:   20
Initial Refill:         No Action
Timed Events Enabled
Event Time  Name        Action
1     0     Flow State        Waste
2     150   Flow State        LC
3     660   Flow State        Waste
Instrument Parameters - Function 1:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
```

Cone Gas Flow (L/Hr) 50 50
Desolvation Gas Flow (L/Hr) 800 795
Collision Gas Flow (mL/Min) 0.20 0.21
LM 1 Resolution 1.24
HM 1 Resolution 14.36
Ion Energy 1 0.34
MS Mode Entrance 50.00
MS Mode Collision Energy 3.00
MS Mode Exit 50.00
MSMS Mode Entrance 1.00
MSMS Mode Collision Energy 20.00
MSMS Mode Exit 0.50
LM 2 Resolution 1.79
HM 2 Resolution 15.00
Ion Energy 2 0.95
Gain 1.00
Multiplier -551.35
Active Reservoir B
Instrument Parameters - Function 2:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity ES-
Calibration Static 2
Capillary (kV) 2.00 2.01
Cone (V) 39.00 -27.59
Extractor (V) 3.00 -3.66
RF (V) 0.10
Source Temperature (°C) 150 148
Desolvation Temperature (°C) 425 424
Cone Gas Flow (L/Hr) 50 50
Desolvation Gas Flow (L/Hr) 800 795
Collision Gas Flow (mL/Min) 0.20 0.21
LM 1 Resolution 1.24
HM 1 Resolution 14.36
Ion Energy 1 0.34
MS Mode Entrance 50.00
MS Mode Collision Energy 3.00
MS Mode Exit 50.00
MSMS Mode Entrance 1.00
MSMS Mode Collision Energy 20.00
MSMS Mode Exit 0.50
LM 2 Resolution 1.79
HM 2 Resolution 15.00
Ion Energy 2 0.95
Gain 1.00
Multiplier -551.35
Active Reservoir B
Instrument Parameters - Function 3:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity ES-
Calibration Static 2
Capillary (kV) 2.00 2.01
Cone (V) 39.00 -27.59
Extractor (V) 3.00 -3.66
RF (V) 0.10
Source Temperature (°C) 150 148
Desolvation Temperature (°C) 425 424
Cone Gas Flow (L/Hr) 50 50
Desolvation Gas Flow (L/Hr) 800 795
Collision Gas Flow (mL/Min) 0.20 0.21
LM 1 Resolution 1.24

```
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 4:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 5:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
```

```
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 6:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 7:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
```

```
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 8:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 9:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
```

```
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 10:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 11:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 12:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
```

```
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 13:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 14:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
```

```
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 15:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 16:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
```

```
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 17:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Instrument Parameters - Function 18:
Parameter File - C:\MassLynx\IntelliStart\Results\Quan 1.1\Resolution_20180212.IPR
Polarity    ES-
Calibration Static 2
Capillary (kV)    2.00  2.01
Cone (V)    39.00 -27.59
Extractor (V)     3.00  -3.66
RF (V)      0.10
Source Temperature (°C) 150   148
Desolvation Temperature (°C)  425   424
Cone Gas Flow (L/Hr)    50    50
Desolvation Gas Flow (L/Hr)   800   795
Collision Gas Flow (mL/Min)   0.20  0.21
LM 1 Resolution   1.24
```

```
HM 1 Resolution   14.36
Ion Energy 1      0.34
MS Mode Entrance  50.00
MS Mode Collision Energy      3.00
MS Mode Exit      50.00
MSMS Mode Entrance      1.00
MSMS Mode Collision Energy    20.00
MSMS Mode Exit    0.50
LM 2 Resolution   1.79
HM 2 Resolution   15.00
Ion Energy 2      0.95
Gain  1.00
Multiplier  -551.35
Active Reservoir  B
Engineers Settings:
MS1 Low Mass Position         519
MS1 High Mass Position        211
MS1 Low Mass Resolution       519
MS1 High Mass Resolution      890
MS1 Resolution Linearity      800
MS1 High Mass DC Balance      0
MS1 DC Polarity               Positive
MS2 Low Mass Position         518
MS2 High Mass Position        159
MS2 Low Mass Resolution       515
MS2 High Mass Resolution      725
MS2 Resolution Linearity      825
MS2 High Mass DC Balance      0
MS2 DC Polarity               Positive
HM RF Lens Correction +       0
HM RF Lens Correction -       0
Inter-scan delays:
Automatic Mode
MS 1 Delay Table:
         R     delay
<=   0.500     0.005
<=   1.200     0.010
<=   2.400     0.015
<=   6.000     0.020
<=  15.000     0.025
<=  25.000     0.028
>   25.000     0.030
MS 2 Delay Table:
         R     delay
<=   2.000     0.005
<=   4.000     0.008
<=   7.000     0.010
<=  10.000     0.012
<=  20.000     0.014
>   20.000     0.016
ACE Experimental Record
Inlet Method File: c:\masslynx\pfas_2016.pro\acqudb\20170821_pfas
---------------------   Run method parameters   ----------------
Waters Acquity SDS
 Run Time: 21.00 min
 Comment:
 Solvent Selection A: A2
 Solvent Selection B: B2
 Low Pressure Limit: 0 psi
 High Pressure Limit: 15000 psi
```

```
 Solvent Name A: 95% Water / 5% ACN
 Solvent Name B: 10% Water / 90% ACN
 Switch 1: No Change
 Switch 2: No Change
 Switch 3: No Change
 Seal Wash: 30.0 min
 Chart Out 1: System Pressure
 Chart Out 2: %B
 System Pressure Data Channel: No
 Flow Rate Data Channel: No
 %A Data Channel: No
 %B Data Channel: No
 Primary A Pressure Data Channel: No
 Accumulator A Pressure Data Channel: No
 Primary B Pressure Data Channel: No
 Accumulator B Pressure Data Channel: No
 Degasser Pressure Data Channel: No
 [Gradient Table]
  Time(min) Flow Rate %A %B Curve
 1. Initial 0.300 100.0 0.0 Initial
 2. 1.00 0.300 80.0 20.0 6
 3. 6.00 0.300 55.0 45.0 6
 4. 13.00 0.300 20.0 80.0 6
 5. 17.00 0.300 5.0 95.0 6
 6. 18.00 0.300 100.0 0.0 6
 7. 21.00 0.300 100.0 0.0 6
 Run Events: Yes
 Gradient Start (Relative to Injection): 0 uL
 Participate in pre-analysis: No
Waters Acquity AutoSampler
 Run Time: 21.00 min
 Comment:
 Load Ahead: Disabled
 Injection Mode: Partial Loop With Needle Overfill
 LoopOffline: Disable
 Weak Wash Solvent Name: 95% Water / 5% ACN
 Weak Wash Volume: 3000 uL
 Strong Wash Solvent Name: 10% Water / 90% ACN
 Strong Wash Volume: 1000 uL
 Target Column Temperature: 35.0 C
 Column Temperature Alarm Band: Disabled
 Target Sample Temperature: 15.0 C
 Sample Temperature Alarm Band: Disabled
 Full Loop Overfill Factor: Automatic
 Syringe Draw Rate: Automatic
 Needle Placement: 1.0
 Pre-Aspirate Air Gap: Automatic
 Post-Aspirate Air Gap: Automatic
 Column Temperature Data Channel: No
 Ambient Temperature Data Channel: No
 Sample Temperature Data Channel: No
 Sample Organizer Temperature Data Channel: No
 Sample Pressure Data Channel: No
 Switch 1: No Change
 Switch 2: No Change
 Switch 3: No Change
 Switch 4: No Change
 Chart Out: Sample Pressure
 Sample Temp Alarm: Disabled
 Column Temp Alarm: Disabled
```

```
 Run Events: Yes
 Needle Overfill Flush: Automatic
 NoInjection: false
Sample Run Injection Parameter
Injection Volume (ul)   -   30.00
---------------------------- oOo ----------------------------
End of experimental record.
------------------- Waters Acquity SDS Postrun Report ---------------
 IcsVersion: 1.51.1532
 FirmwareVersion: 1.51.253 (Sep 19 2011)
 Checksum: 0x3a9db15d
 SerialNumber: H09UPB283M
 Minimum System Pressure: 0.0
 Maximum System Pressure: 0.0
 Average System Pressure: 0.0
 Minimum Degasser Pressure: 0.0
 Maximum Degasser Pressure: 0.0
 Average Degasser Pressure: 0.0
Messages...
 1. : This is a message
 2. : This is a message
 3. : This is a message
---------------------------- oOo ----------------------------
------------------- Waters Acquity SM Postrun Report ---------------
 Software Version: 1.50.2736
 Firmware Version: 1.50.318 (Jul 12 2011)
 Checksum: 0x66ba7f79
 Serial Number: H09UPA784M
 Sample Syringe Size: 250.0
 Sample Loop Size: 50.0
 Needle Size: 30.0
 NeedleType: PEEK
 Column Type: ACQUITY UPLC® CSH™ Phenyl-Hexyl 1.7µm
 Column Serial Number: 01143722018355
 Total Injections on Column: 314
 Minimum Sample Temperature: 0.0
 Maximum Sample Temperature: 0.0
 Average Sample Temperature: 0.0
 Minimum Column Temperature: 35.0
 Maximum Column Temperature: 35.2
 Average Column Temperature: 0.0
 Measured Loop Volume: 47.800
 Measured Loop Volume No Pressure: 49.070
---------------------------- oOo ----------------------------
Function 1
Scans in function:          112
Cycle time (secs):          Automatic
Inter Scan Delay (secs):    Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                  0.000
Start and End Time(mins):    2.750 to 3.150
Ionization mode:            ES-
Data type:                  SIR or MRM data
Function type:              MRM of 2 channels
Chan Reaction               Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound Formula|Mass
1  : 212.80 > 168.70           0.100       16.0       10.0       Auto     PFBA (P)
2  : 216.90 > 171.80           0.100       16.0        8.0       Auto     MPFBA    218
Function 2
Scans in function:          318
Cycle time (secs):          Automatic
```

```
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   3.500 to 4.100
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 2 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound  Formula|Mass
1  : 262.80 > 218.70          0.050       14.0        8.0       Auto     PFPeA (P)
2  : 267.90 > 222.80          0.050       14.0        8.0       Auto     MPFPeA    269
Function 3
Scans in function:         75
Cycle time (secs):         Automatic
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   4.250 to 4.800
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 3 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound    Formula|Mas
s
1  : 326.80 > 80.30           0.100       34.0       28.0       Auto     4:2 FTS (C)
2  : 326.80 > 306.80          0.100       34.0       18.0       Auto     4:2 FTS (P)
3  : 328.90 > 308.80          0.100       38.0       18.0       Auto     M4_2FTS     330

Function 4
Scans in function:         125
Cycle time (secs):         Automatic
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   4.450 to 5.250
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 6 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound  Formula|Mass
1  : 298.80 > 79.60           0.040       48.0       30.0       Auto     PFBS (P)
2  : 298.80 > 98.60           0.040       48.0       25.0       Auto     PFBS (C)
3  : 301.90 > 79.70           0.025       46.0       30.0       Auto     MPFBS     303
4  : 312.80 > 118.70          0.025       14.0       24.0       Auto     PFHxA (C)
5  : 312.80 > 268.70          0.025       14.0        8.0       Auto     PFHxA (P)
6  : 317.90 > 272.80          0.025       14.0        8.0       Auto     MPFHxA    319
Function 5
Scans in function:         93
Cycle time (secs):         Automatic
Inter Scan Delay (secs):   Automatic
Inter Channel Delay (secs):Automatic
Span (Da):                 0.000
Start and End Time(mins):   5.000 to 5.500
Ionization mode:           ES-
Data type:                 SIR or MRM data
Function type:             MRM of 3 channels
Chan Reaction              Dwell(secs) Cone Volt. Col.Energy Delay(secs) Compound
1  : 329.00 > 169.00          0.075       18.0       16.0       Auto     HFPO-DA (C)
2  : 329.00 > 285.00          0.075       18.0        6.0       Auto     HFPO-DA (P)
3  : 332.00 > 287.00          0.075       18.0        6.0       Auto     MHFPO-DA
Function 6
Scans in function:         95
Cycle time (secs):         Automatic
```

Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs):Automatic
Span (Da): 0.000
Start and End Time(mins): 5.600 to 6.150
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 3 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound | Formula\|Mass |
|---|---|---|---|---|---|---|
| 1 : 362.80 > 168.70 | 0.075 | 16.0 | 16.0 | Auto | PFHpA (C) | |
| 2 : 362.80 > 318.70 | 0.075 | 16.0 | 10.0 | Auto | PFHpA (P) | |
| 3 : 366.90 > 321.80 | 0.075 | 16.0 | 8.0 | Auto | MPFHpA | 368 |

Function 7
Scans in function: 64
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs):Automatic
Span (Da): 0.000
Start and End Time(mins): 5.850 to 6.450
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 2 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound |
|---|---|---|---|---|---|
| 1 : 348.80 > 79.70 | 0.100 | 54.0 | 34.0 | Auto | PFPeS (P) |
| 2 : 348.80 > 98.70 | 0.100 | 54.0 | 26.0 | Auto | PFPeS (C) |

Function 8
Scans in function: 68
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs):Automatic
Span (Da): 0.000
Start and End Time(mins): 6.050 to 6.750
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 3 channels

| Chan Reaction<br>s Comments | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound | Formula\|Mas |
|---|---|---|---|---|---|---|
| 1 : 426.80 > 80.30 | 0.075 | 44.0 | 30.0 | Auto | 6:2 FTS (C) | |
| 2 : 426.80 > 406.70 | 0.075 | 44.0 | 20.0 | Auto | 6:2 FTS (P) | |
| 3 : 429.00 > 408.80 | 0.075 | 42.0 | 20.0 | Auto | M6_2FTS | 430 |

IntelliStart Generated
Function 9
Scans in function: 128
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs):Automatic
Span (Da): 0.000
Start and End Time(mins): 6.300 to 7.250
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 6 channels

| Chan Reaction<br>Comments | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound | Formula\|Mass |
|---|---|---|---|---|---|---|
| 1 : 398.80 > 79.70 | 0.050 | 54.0 | 34.0 | Auto | PFHxS (P) | |
| 2 : 398.80 > 98.70 | 0.050 | 54.0 | 32.0 | Auto | PFHxS (C) | |
| 3 : 401.90 > 79.60 | 0.050 | 54.0 | 38.0 | Auto | MPFHxS | 403 |
| IntelliStart Generated | | | | | | |
| 4 : 412.80 > 168.70 | 0.050 | 16.0 | 18.0 | Auto | PFOA (C) | |
| 5 : 412.80 > 368.70 | 0.050 | 16.0 | 10.0 | Auto | PFOA (P) | |
| 6 : 421.00 > 375.90 | 0.050 | 14.0 | 10.0 | Auto | MPFOA | 422 |

Function 10

Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:09:09 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:11:17 Eastern Daylight Time

Scans in function: 95
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs):Automatic
Span (Da): 0.000
Start and End Time(mins): 7.250 to 7.750
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 3 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound | Formula | Mass | Comments |
|---|---|---|---|---|---|---|---|---|
| 1 : 462.80 > 218.70 | 0.075 | 16.0 | 16.0 | Auto | PFNA (C) | | | |
| 2 : 462.80 > 418.70 | 0.075 | 16.0 | 10.0 | Auto | PFNA (P) | | | |
| 3 : 472.00 > 426.80 | 0.075 | 16.0 | 8.0 | Auto | MPFNA | | 473 | IntelliStart Generated |

Function 11
Scans in function: 82
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs):Automatic
Span (Da): 0.000
Start and End Time(mins): 7.550 to 8.250
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 5 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound | Formula | Mass |
|---|---|---|---|---|---|---|---|
| 1 : 448.80 > 79.70 | 0.050 | 54.0 | 38.0 | Auto | PFHpS (P) | | |
| 2 : 448.80 > 98.60 | 0.050 | 54.0 | 34.0 | Auto | PFHpS (C) | | |
| 3 : 526.90 > 80.40 | 0.050 | 48.0 | 30.0 | Auto | 8:2 FTS (C) | | |
| 4 : 526.90 > 506.70 | 0.050 | 48.0 | 26.0 | Auto | 8:2 FTS (P) | | |
| 5 : 529.00 > 508.80 | 0.050 | 48.0 | 20.0 | Auto | M8_2FTS | | 530 |

Function 12
Scans in function: 50
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs):Automatic
Span (Da): 0.000
Start and End Time(mins): 7.900 to 8.500
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 6 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound | Formula | Mass |
|---|---|---|---|---|---|---|---|
| 1 : 512.90 > 218.80 | 0.050 | 16.0 | 18.0 | Auto | PFDA (C) | | |
| 2 : 512.90 > 468.80 | 0.050 | 16.0 | 10.0 | Auto | PFDA (P) | | |
| 3 : 519.00 > 473.90 | 0.050 | 16.0 | 10.0 | Auto | MPFDA | | 520 |
| 4 : 569.80 > 418.70 | 0.040 | 30.0 | 20.0 | Auto | N-MeFOSAA (P) | | |
| 5 : 569.80 > 482.70 | 0.040 | 30.0 | 14.0 | Auto | N-MeFOSAA (C) | | |
| 6 : 573.00 > 418.80 | 0.040 | 28.0 | 18.0 | Auto | N-MeFOSAA-d3 | | 574 |

Function 13
Scans in function: 58
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs):Automatic
Span (Da): 0.000
Start and End Time(mins): 8.100 to 8.800

Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:09:09 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:11:17 Eastern Daylight Time

Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 6 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound | Formula\|Mass |
|---|---|---|---|---|---|---|
| 1 : 498.90 > 79.70 | 0.060 | 66.0 | 46.0 | Auto | PFOS (P) | |
| 2 : 498.90 > 98.70 | 0.060 | 66.0 | 38.0 | Auto | PFOS (C) | |
| 3 : 507.00 > 79.70 | 0.060 | 66.0 | 38.0 | Auto | MPFOS | 508 |
| 4 : 583.90 > 418.80 | 0.055 | 30.0 | 18.0 | Auto | N-EtFOSAA (P) | |
| 5 : 583.90 > 482.70 | 0.055 | 30.0 | 14.0 | Auto | N-EtFOSAA (C) | |
| 6 : 589.00 > 418.80 | 0.055 | 28.0 | 16.0 | Auto | N-EtFOSAA-d5 | 590 |

Function 14
Scans in function: 81
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs): Automatic
Span (Da): 0.000
Start and End Time(mins): 8.500 to 9.200
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 3 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound | Formula\|Mass |
|---|---|---|---|---|---|---|
| 1 : 562.90 > 268.80 | 0.075 | 18.0 | 16.0 | Auto | PFUnA (C) | |
| 2 : 562.90 > 518.80 | 0.075 | 18.0 | 10.0 | Auto | PFUnA (P) | |
| 3 : 570.00 > 524.90 | 0.075 | 30.0 | 12.0 | Auto | MPFUnA | 571 |

Comments
IntelliStart Generated
Function 15
Scans in function: 88
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs): Automatic
Span (Da): 0.000
Start and End Time(mins): 8.850 to 9.600
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 2 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound |
|---|---|---|---|---|---|
| 1 : 548.80 > 79.70 | 0.100 | 64.0 | 42.0 | Auto | PFNS (P) |
| 2 : 548.80 > 98.60 | 0.100 | 64.0 | 42.0 | Auto | PFNS (C) |

Function 16
Scans in function: 61
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs): Automatic
Span (Da): 0.000
Start and End Time(mins): 9.100 to 9.700
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 3 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound | Formula\|Mass |
|---|---|---|---|---|---|---|
| 1 : 612.90 > 168.70 | 0.060 | 18.0 | 22.0 | Auto | PFDoA (C) | |
| 2 : 612.90 > 568.80 | 0.060 | 18.0 | 10.0 | Auto | PFDoA (P) | |
| 3 : 615.00 > 569.90 | 0.060 | 20.0 | 12.0 | Auto | MPFDoA | 616 |

Function 17
Scans in function: 46
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic

Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_ICAL.qld
Last Altered: Monday, April 23, 2018 09:09:09 Eastern Daylight Time
Printed: Monday, April 23, 2018 09:11:17 Eastern Daylight Time

Inter Channel Delay (secs):Automatic
Span (Da): 0.000
Start and End Time(mins): 9.450 to 10.200
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 4 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound |
|---|---|---|---|---|---|
| 1 : 598.80 > 79.70 | 0.050 | 72.0 | 50.0 | Auto | PFDS (P) |
| 2 : 598.80 > 98.70 | 0.050 | 72.0 | 40.0 | Auto | PFDS (C) |
| 3 : 662.80 > 168.70 | 0.050 | 20.0 | 32.0 | Auto | PFTrA (C) |
| 4 : 662.80 > 618.80 | 0.050 | 20.0 | 10.0 | Auto | PFTrA (P) |

Function 18
Scans in function: 91
Cycle time (secs): Automatic
Inter Scan Delay (secs): Automatic
Inter Channel Delay (secs):Automatic
Span (Da): 0.000
Start and End Time(mins): 9.550 to 10.900
Ionization mode: ES-
Data type: SIR or MRM data
Function type: MRM of 5 channels

| Chan Reaction | Dwell(secs) | Cone Volt. | Col.Energy | Delay(secs) | Compound | Formula\|Mass |
|---|---|---|---|---|---|---|
| 1 : 497.80 > 77.70 | 0.060 | 40.0 | 30.0 | Auto | FOSA (P) | 500 |
| 2 : 505.90 > 77.70 | 0.060 | 68.0 | 32.0 | Auto | MFOSA | 508 |
| 3 : 712.90 > 168.70 | 0.200 | 20.0 | 26.0 | Auto | PFTeA (C) | |
| 4 : 712.90 > 668.90 | 0.200 | 20.0 | 10.0 | Auto | PFTeA (P) | |
| 5 : 715.00 > 669.90 | 0.200 | 20.0 | 12.0 | Auto | MPFTeA | 716 |