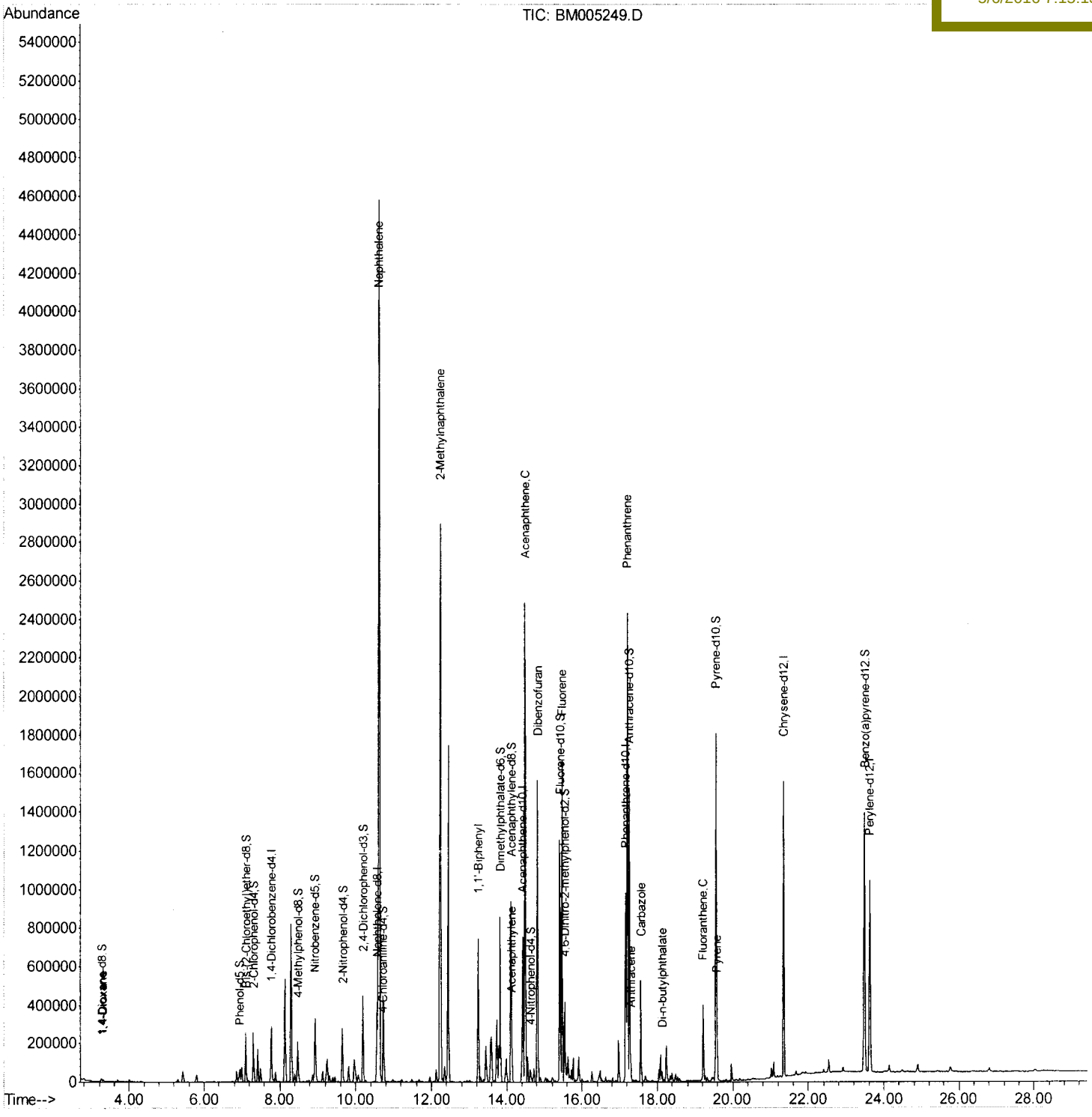
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
Data File : BM005249.D
Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 06 11:43:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:17:42 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BC7R9

**Manual Integrations APPROVED**
sohil
5/6/2016 7:15:13 PM



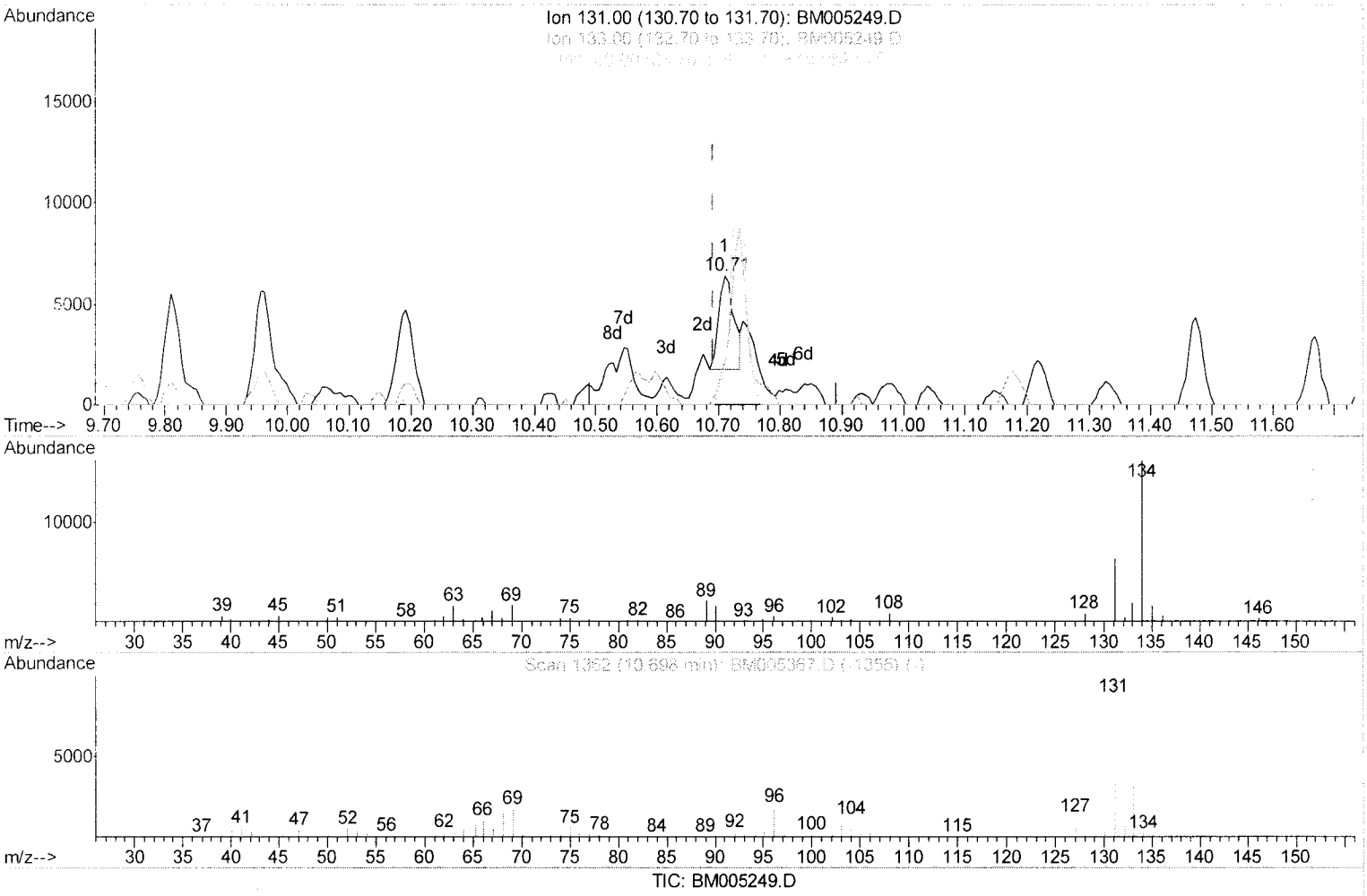
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
Data File : BM005249.D
Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 11 04:32:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 04:23:52 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BC7R9

**Manual Integrations APPROVED**
sohil
5/6/2016 7:15:13 PM



TIC: BM005249.D

(29) 4-Chloroaniline-d4 (S)

10.710min (+0.018) 1.13ng/ul

response 8081

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100 | 100 |
| 133.00 | 32.30 | 34.00 |
| 69.00 | 19.20 | 29.64# |
| 0.00 | 0.00 | 0.00 |

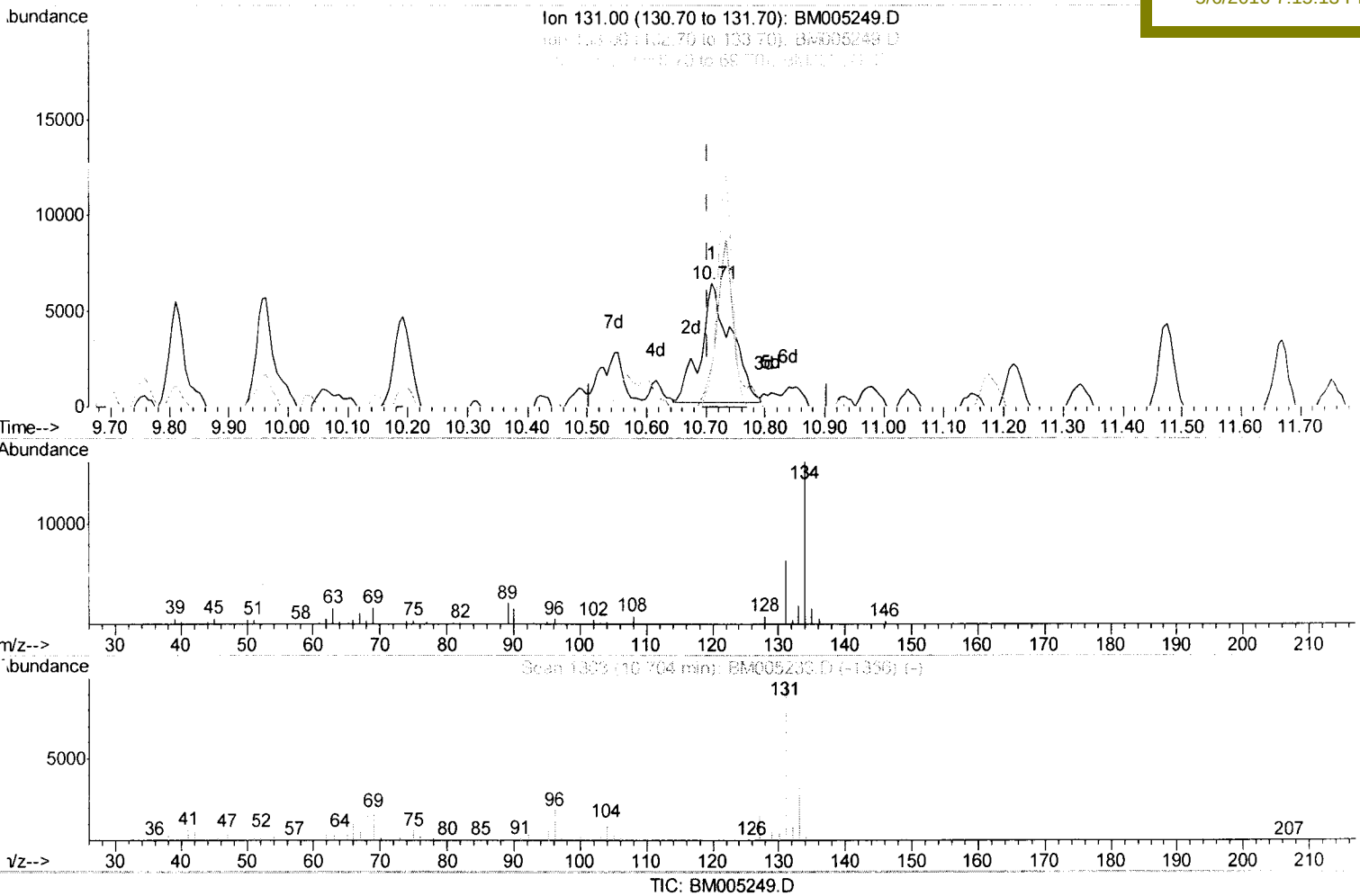
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
Data File : BM005249.D
Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 06 05:30:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:17:42 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BC7R9

**Manual Integrations APPROVED**
sohil
5/6/2016 7:15:13 PM




TIC: BM005249.D

(29) 4-Chloroaniline-d4 (S)

10.710min (+0.006) 3.12ng/ul m > U.M 05/11/2016

response 22239

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100 | 100 |
| 133.00 | 32.30 | 34.00 |
| 69.00 | 19.20 | 29.64# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
Data File : BM005249.D
Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 06 11:43:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:17:42 2016
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** BC7R9

**Manual Integrations APPROVED**
sohil
5/6/2016 7:15:13 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 79741 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.57 | 136 | 393964 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.42 | 164 | 257992 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.16 | 188 | 616613 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.35 | 240 | 755291 | 20.00 | ng/ul | -0.01 |
| 83) Perylene-d12 | 23.63 | 264 | 742943 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.27 | 96 | 1903 | 1.12 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.95 | 99 | 39318 | 5.44 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.11 | 67 | 118910 | 28.82 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.31 | 132 | 123920 | 22.69 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.47 | 113 | 81139 | 13.57 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.93 | 128 | 83666 | 29.75 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.65 | 143 | 95039 | 29.84 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.19 | 165 | 153609 | 25.95 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.71 | 131 | 22239m | 3.12 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.82 | 166 | 581262 | 28.11 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.11 | 160 | 699805 | 28.85 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.63 | 143 | 15370 | 4.07 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.41 | 176 | 510914 | 28.61 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 92457 | 26.65 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.26 | 188 | 811899 | 29.79 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.56 | 212 | 956541 | 27.44 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.49 | 264 | 977624 | 29.73 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 7303 | 2.36 | ng/uL | 97 |
| 28) Naphthalene | 10.63 | 128 | 4910491 | 247.73 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.23 | 142 | 1527487 | 103.03 | ng/ul | 100 |
| 40) 1,1'-Biphenyl | 13.24 | 154 | 393984 | 19.28 | ng/ul | 100 |
| 47) Acenaphthylene | 14.13 | 152 | 80163 | 3.12 | ng/ul# | 96 |
| 49) Acenaphthene | 14.48 | 153 | 1087391 | 64.30 | ng/ul | 99 |
| 53) Dibenzofuran | 14.82 | 168 | 1031089 | 42.02 | ng/ul | 99 |
| 58) Fluorene | 15.47 | 166 | 745799 | 38.88 | ng/ul | 99 |
| 69) Phenanthrene | 17.21 | 178 | 1507195 | 46.49 | ng/ul | 100 |
| 71) Anthracene | 17.30 | 178 | 108096 | 3.34 | ng/ul | 99 |
| 72) Carbazole | 17.57 | 167 | 330837 | 11.63 | ng/ul | 100 |
| 73) Di-n-butylphthalate | 18.13 | 149 | 38130 | 1.10 | ng/ul | 99 |
| 74) Fluoranthene | 19.22 | 202 | 242965 | 6.76 | ng/ul | 99 |
| 77) Pyrene | 19.59 | 202 | 144144 | 3.29 | ng/ul | 99 |

U·M
05|11|2016

(#) = qualifier out of range (m) = manual integration (+) = signals summed