

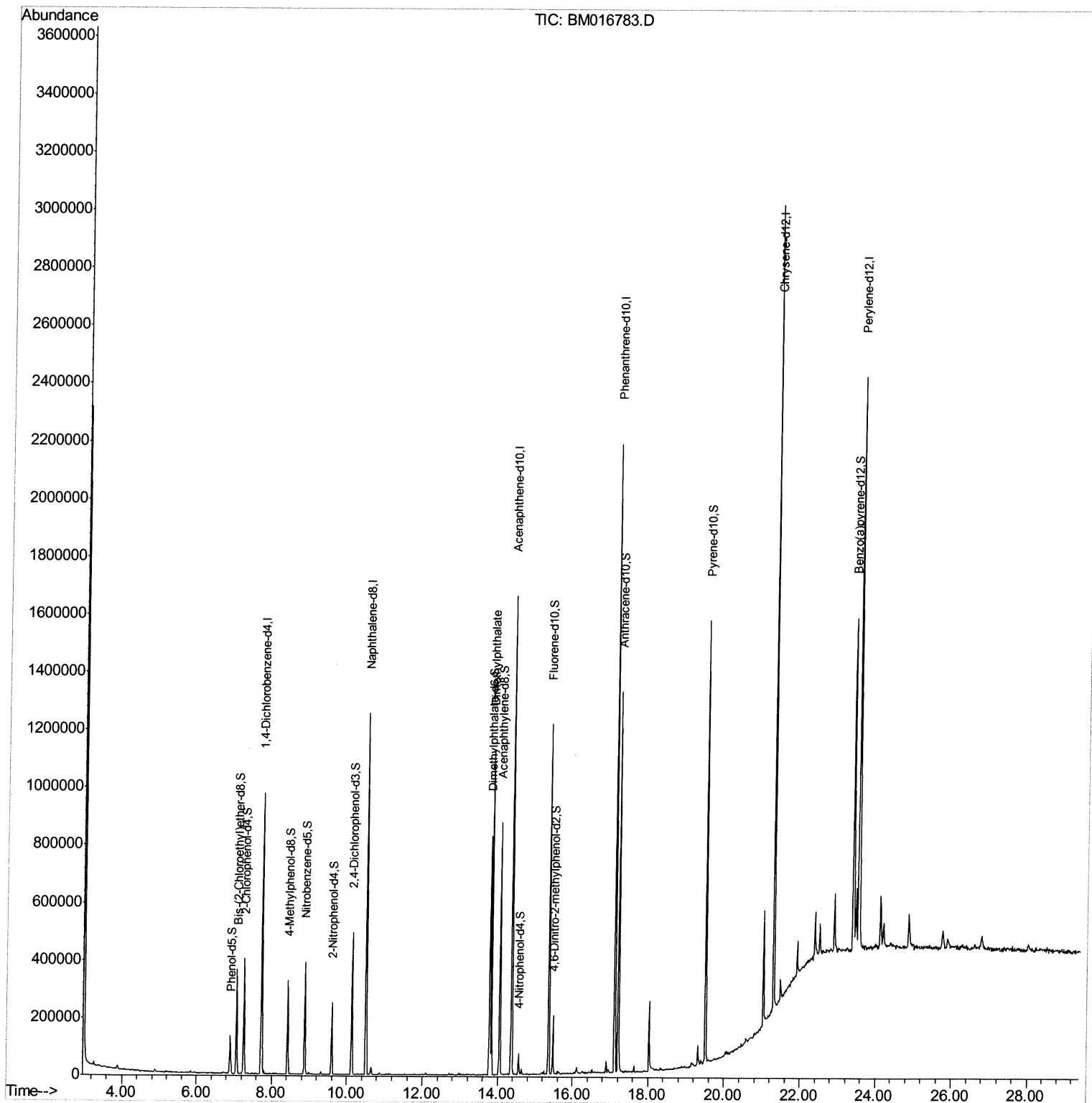
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091718\  
Data File : BM016783.D  
Acq On : 18 Sep 2018 00:30  
Operator : SJ/JU  
Sample : J4868-05RX  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB3Q4

Quant Time: Sep 18 02:14:08 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 18 01:29:01 2018  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Sohil  
9/18/2018 6:15:18 PM



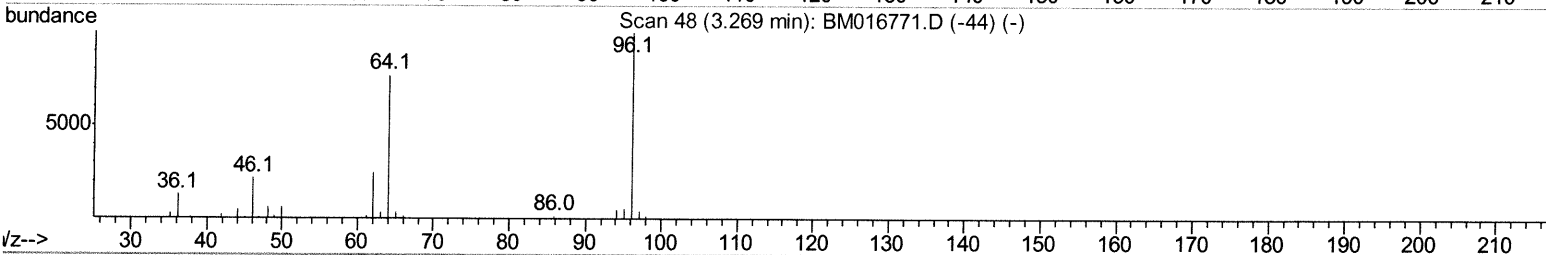
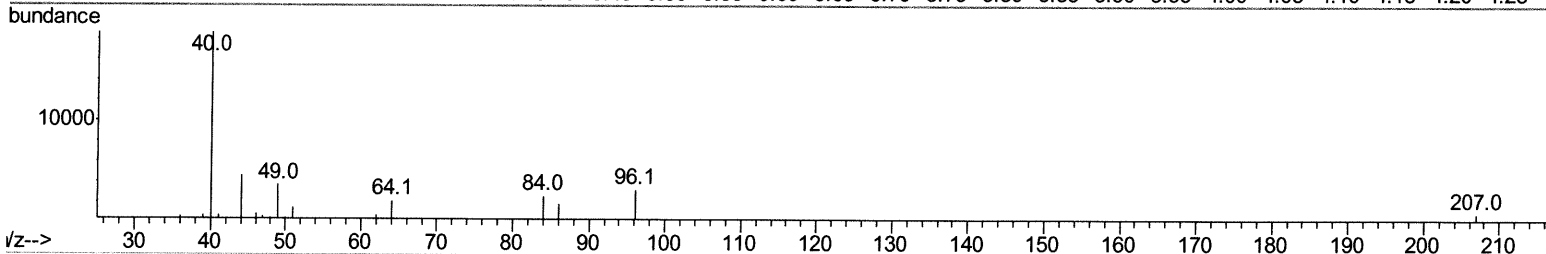
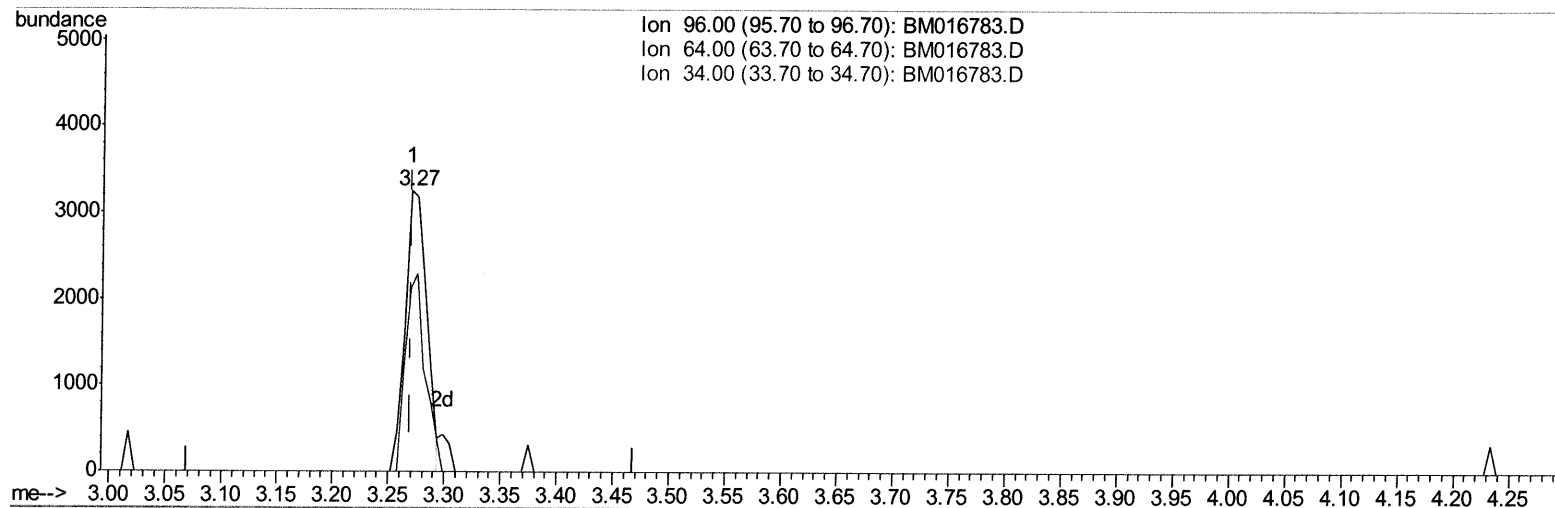
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Manual Integrations  
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Sohil  
 9/18/2018 6:15:18 PM

Quant Time: Sep 18 02:04:55 2018  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 18 01:29:01 2018  
 Response via : Initial Calibration



TIC: BM016783.D

(3) 1,4-Dioxane-d8 (S)

3.269min (-0.000) 0.72ng/uL

response 4351

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.00 | 65.29 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

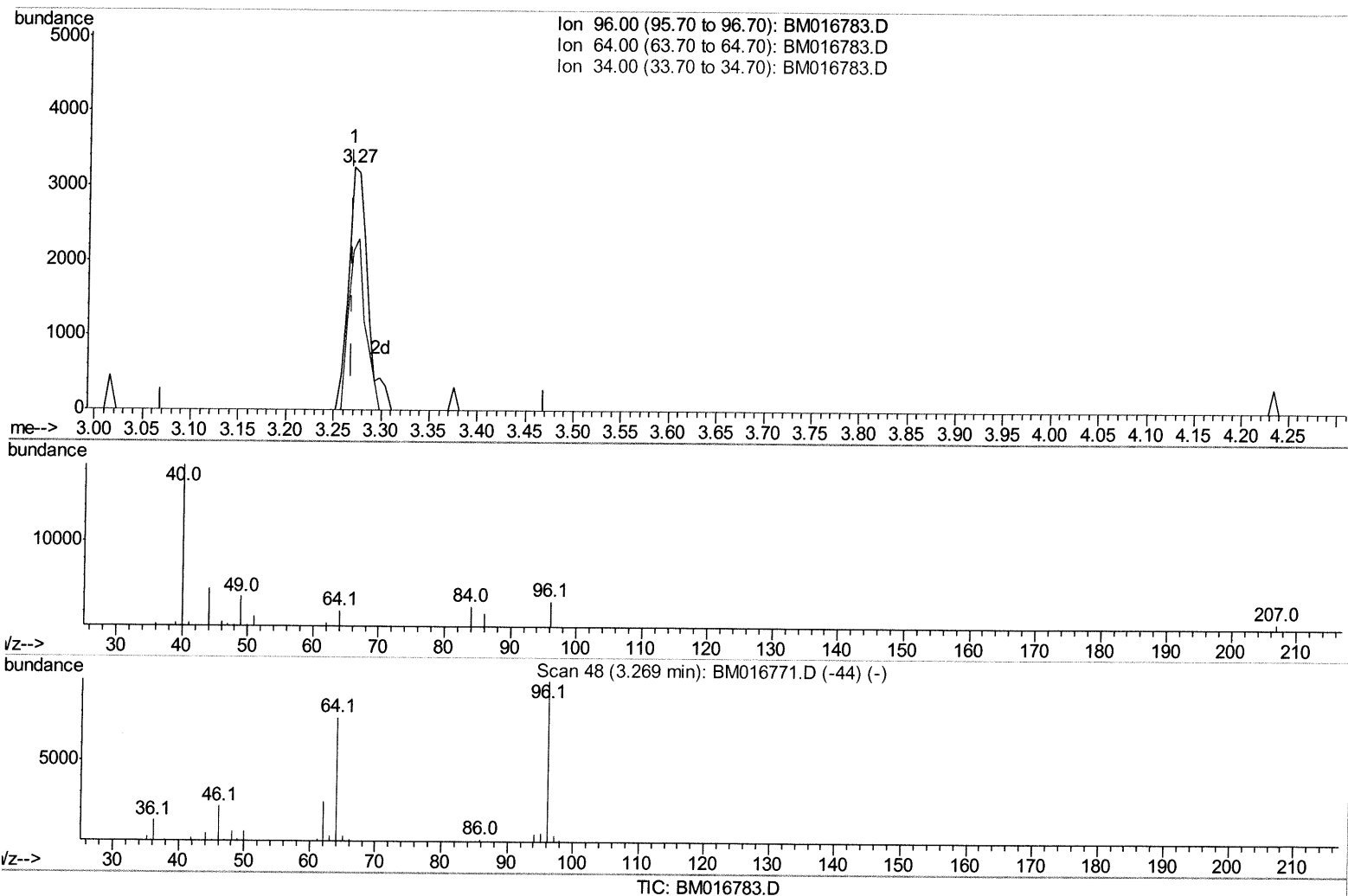
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\  
 Data File : BM016783.D  
 Acq On : 18 Sep 2018 00:30  
 Operator : SJ/JU  
 Sample : J4868-05RX  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DB3Q4

Manual Integrations  
 APPROVED

Sohil  
 9/18/2018 6:15:18 PM

Quant Time: Sep 18 02:04:55 2018  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 18 01:29:01 2018  
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.269min (-0.000) 0.77ng/uL m > 50 9/19/18

response 4616

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.00 | 65.29 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091718\  
 Data File : BM016783.D  
 Acq On : 18 Sep 2018 00:30  
 Operator : SJ/JU  
 Sample : J4868-05RX  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DB3Q4

Manual Integrations  
 APPROVED

Sohil  
 9/18/2018 6:15:18 PM

Quant Time: Sep 18 02:14:08 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 18 01:29:01 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 256816   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.51 | 136  | 1059470  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.36 | 164  | 554031   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.12 | 188  | 1227531  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.30 | 240  | 1323668  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.54 | 264  | 1396450  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 4616m> | 0.77  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.89  | 99  | 73074  | 3.37  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 158336 | 11.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.26  | 132 | 184054 | 10.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.43  | 113 | 119946 | 7.16  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.87  | 128 | 87928  | 12.63 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.59  | 143 | 75167  | 11.88 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165 | 178609 | 11.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 14345  | 0.74  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.78 | 166 | 531513 | 11.95 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.06 | 160 | 614984 | 10.70 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.56 | 143 | 15523  | 2.13  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.36 | 176 | 461399 | 11.88 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 39866  | 7.91  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.21 | 188 | 703814 | 11.88 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.51 | 212 | 780680 | 12.15 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.40 | 264 | 842584 | 11.57 | ng/ul | 0.00 |

SJ 9/19/18

Target Compounds

|                       |       |     |        | Ovalue          |
|-----------------------|-------|-----|--------|-----------------|
| 45) Dimethylphthalate | 13.83 | 163 | 706652 | 16.254 ng/ul 99 |

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