

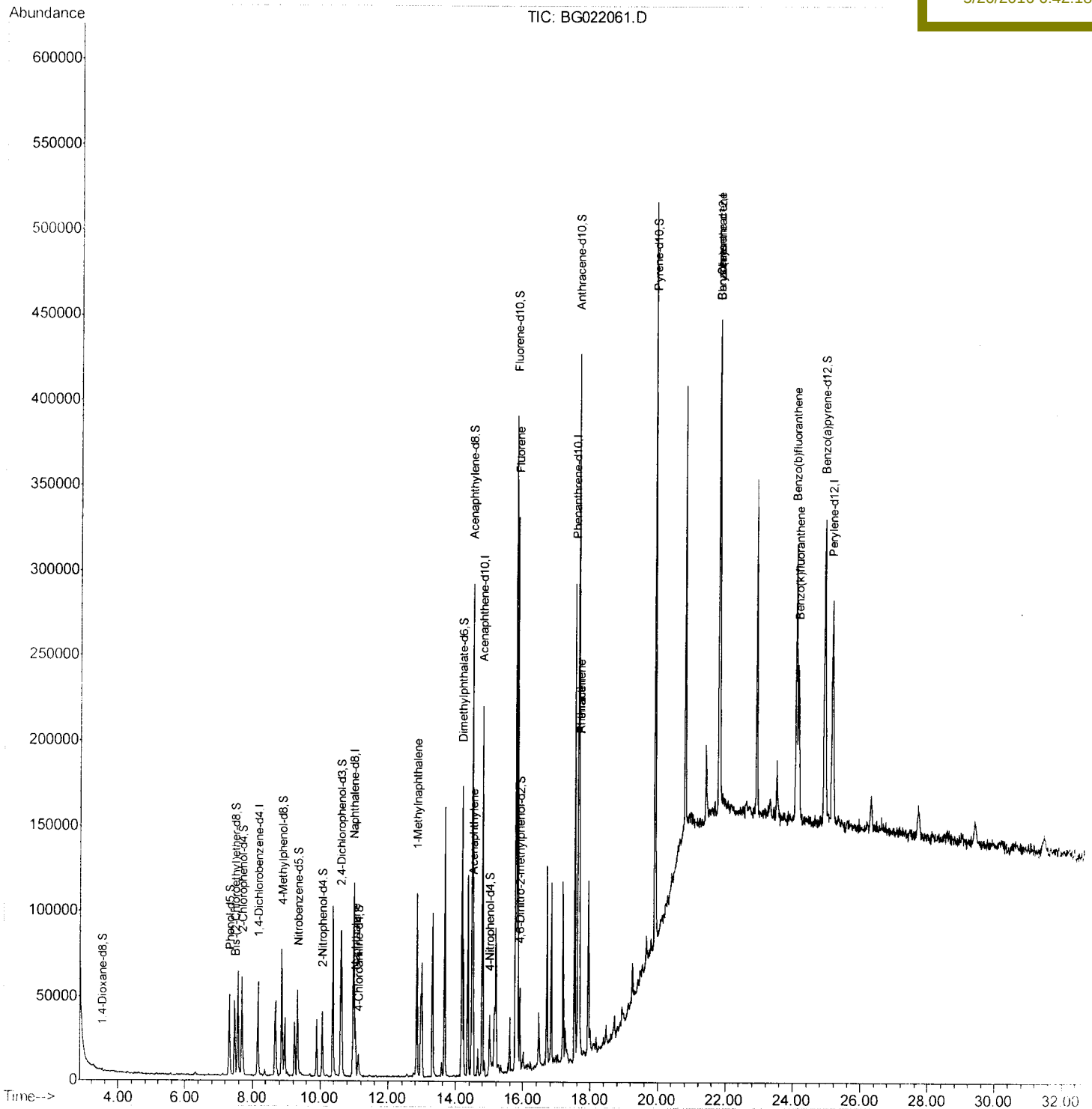
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052516\  
Data File : BG022061.D  
Acq On : 25 May 2016 16:40  
Operator : UM/SJ  
Sample : H3203-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 26 03:15:31 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG051816.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu May 26 03:11:46 2016  
Response via : Initial Calibration

Instrument :  
BNA G  
ClientSampleId :  
D9XP6

Manual Integrations  
APPROVED

sohil  
5/26/2016 6:42:18 PM



# Quantitation Report (Qedit)

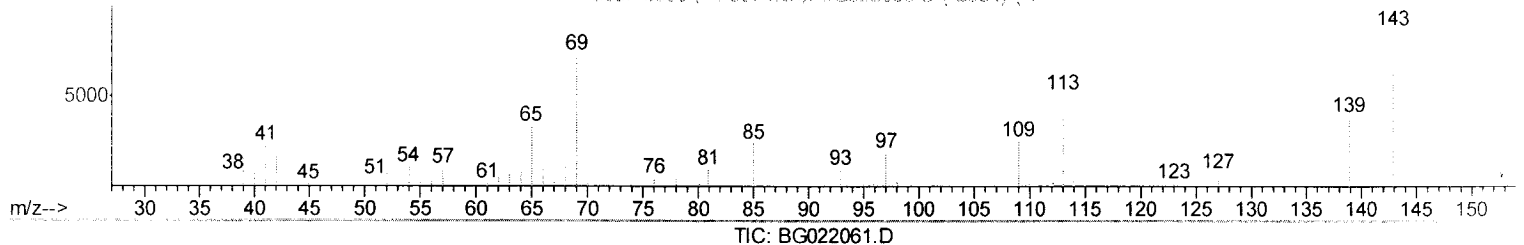
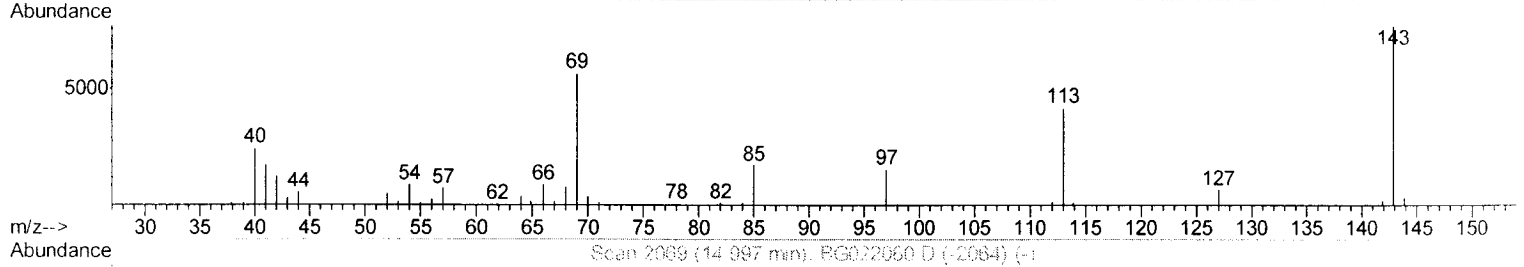
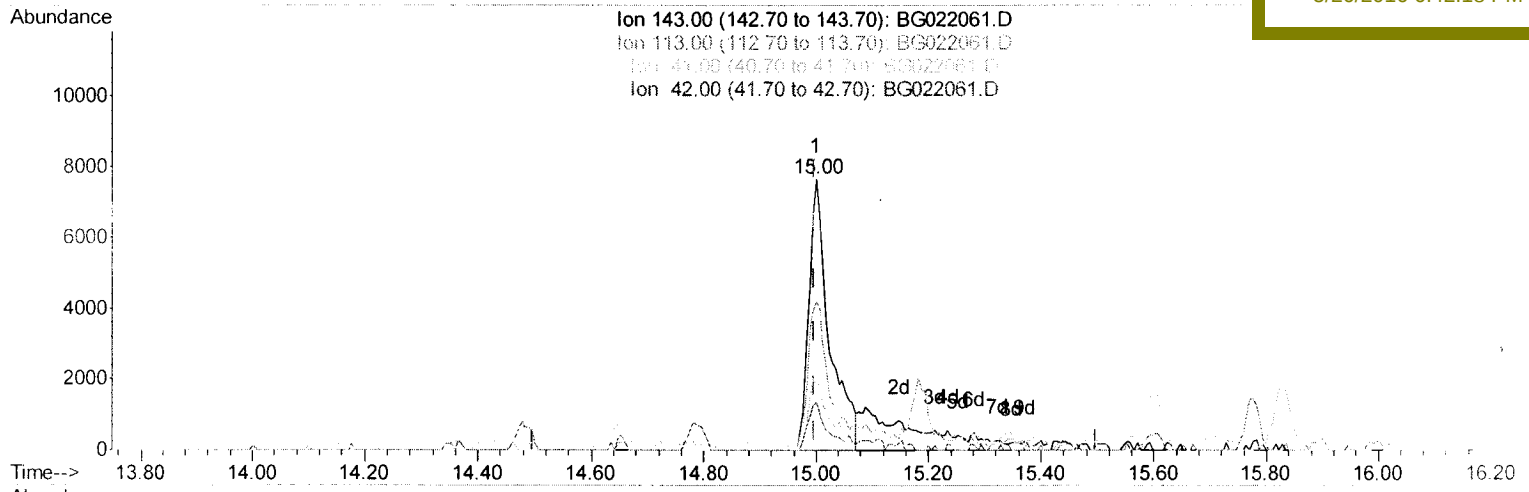
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052516\  
 Data File : BG022061.D  
 Acq On : 25 May 2016 16:40  
 Operator : UM/SJ  
 Sample : H3203-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XP6

Quant Time: May 26 03:11:57 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG051816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 26 03:11:46 2016  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

sohil  
 5/26/2016 6:42:18 PM



(20) 4-Nitrophenol-d4 (S)

15.000min (+0.003) 17.39ng/ul

response 19681

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 102.70 | 55.20# |
| 41.00  | 49.70  | 24.18# |
| 42.00  | 33.70  | 17.90# |

# Quantitation Report (Qedit)

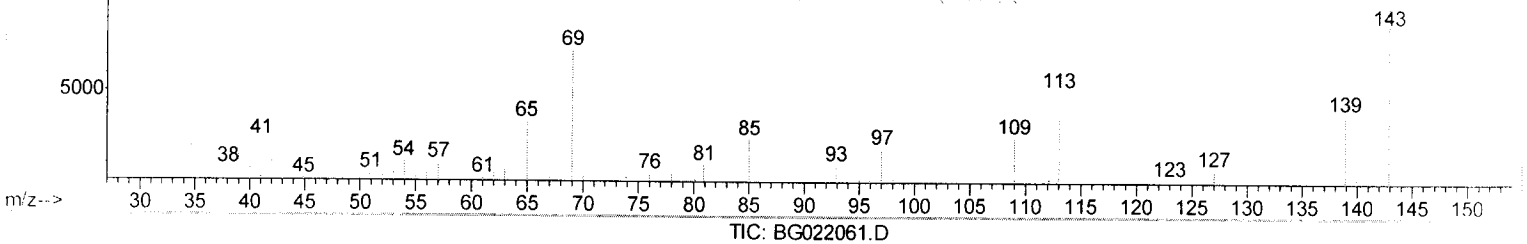
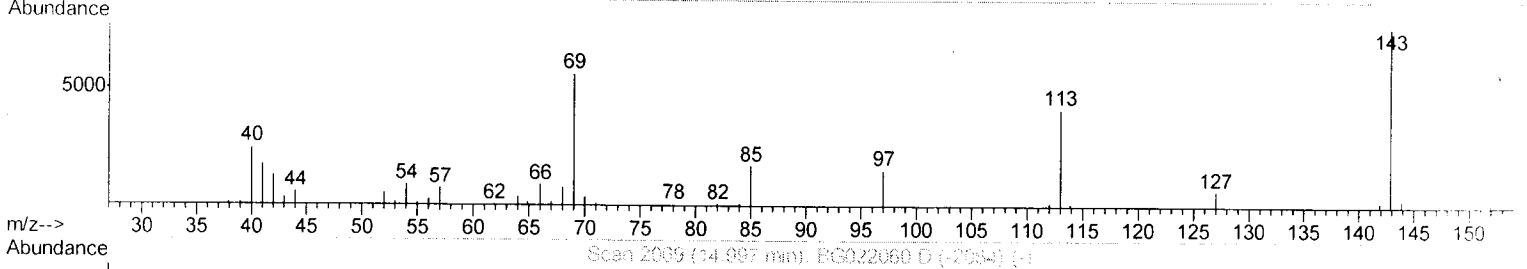
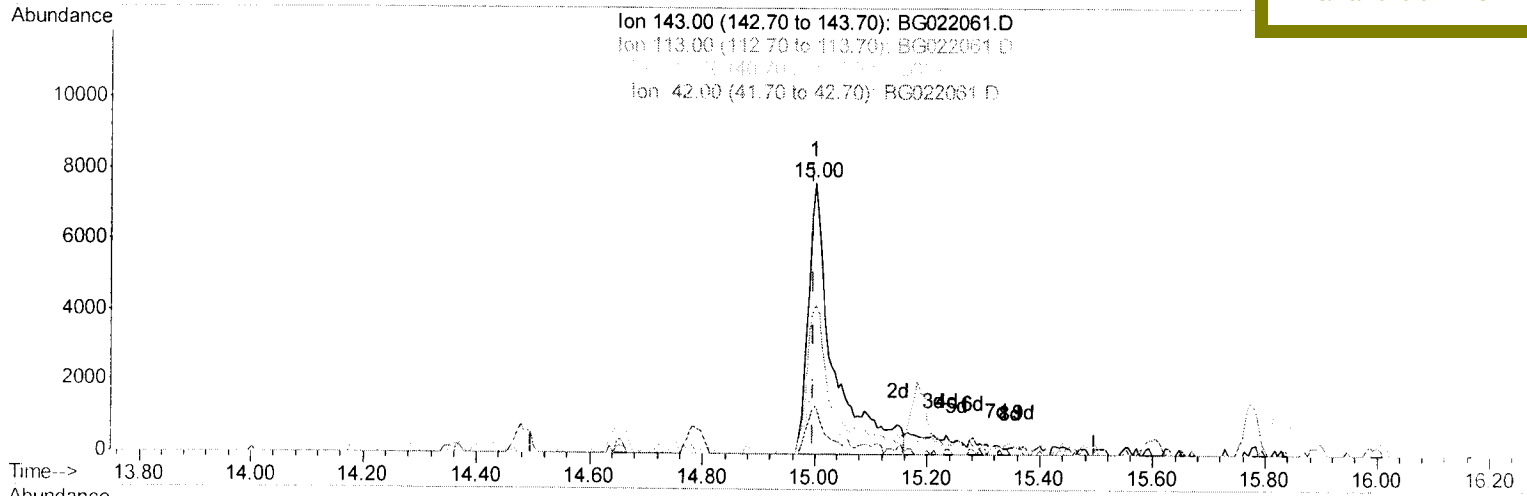
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052516\  
 Data File : BG022061.D  
 Acq On : 25 May 2016 16:40  
 Operator : UM/SJ  
 Sample : H3203-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 26 03:11:57 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG051816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 26 03:11:46 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XP6

Manual Integrations  
 APPROVED

sohil  
 5/26/2016 6:42:18 PM



(20) 4-Nitrophenol-d4 (S)

15.000min (+0.003) 21.41ng/ul m

response 24232

Ion Exp% Act%

|        |        |        |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 102.70 | 55.20# |
| 41.00  | 49.70  | 24.18# |
| 42.00  | 33.70  | 17.90# |

U.M.  
 05/27/16

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052516\  
 Data File : BG022061.D  
 Acq On : 25 May 2016 16:40  
 Operator : UM/SJ  
 Sample : H3203-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 26 15:01:28 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 26 03:11:46 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XP6

Manual Integrations  
 APPROVED

sohil  
 5/26/2016 6:42:18 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 20588    | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.98 | 136  | 120922   | 20.00 | ng/ul | 0.00     |
| 15) Acenaphthene-d10      | 14.79 | 164  | 83455    | 20.00 | ng/ul | 0.00     |
| 23) Phenanthrene-d10      | 17.53 | 188  | 183592   | 20.00 | ng/ul | 0.00     |
| 29) Chrysene-d12          | 21.82 | 240  | 136345   | 20.00 | ng/ul | 0.00     |
| 34) Perylene-d12          | 25.15 | 264  | 133264   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.53  | 96  | 491    | 1.09  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 7.32  | 99  | 44542  | 24.50 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 24981  | 25.80 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.69  | 132 | 39193  | 26.26 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.87  | 113 | 41702  | 25.75 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 9.33  | 128 | 20675  | 24.37 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 10.05 | 143 | 22137  | 24.46 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.61 | 165 | 44328  | 27.71 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4         | 11.12 | 131 | 11932  | 9.47  | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6       | 14.18 | 166 | 148634 | 23.10 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8          | 14.48 | 160 | 240772 | 29.05 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4           | 15.00 | 143 | 24232m | 21.41 | ng/ul | 0.00 |
| 21) Fluorene-d10               | 15.78 | 176 | 179017 | 30.91 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 15300  | 16.79 | ng/ul | 0.00 |
| 26) Anthracene-d10             | 17.63 | 188 | 286107 | 33.82 | ng/ul | 0.00 |
| 30) Pyrene-d10                 | 19.91 | 212 | 243924 | 33.91 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12         | 24.92 | 264 | 200542 | 33.88 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |              | Ovalue |
|--------------------------|-------|-----|--------|--------------|--------|
| 11) Naphthalene          | 11.03 | 128 | 39514  | 6.72 ng/ul#  | 95     |
| 14) 1-Methylnaphthalene  | 12.84 | 142 | 60347  | 13.83 ng/ul# | 98     |
| 18) Acenaphthylene       | 14.51 | 152 | 54020  | 6.26 ng/ul#  | 95     |
| 22) Fluorene             | 15.83 | 166 | 154276 | 23.51 ng/ul  | 98     |
| 27) Anthracene           | 17.67 | 178 | 111197 | 11.28 ng/ul  | 99     |
| 32) Benzo(a)anthracene   | 21.79 | 228 | 151427 | 20.02 ng/ul  | 97     |
| 35) Benzo(b)fluoranthene | 24.08 | 252 | 170263 | 22.23 ng/ul# | 95     |
| 36) Benzo(k)fluoranthene | 24.15 | 252 | 77811  | 10.33 ng/ul# | 92     |

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

U-m.  
 05/27/2016