

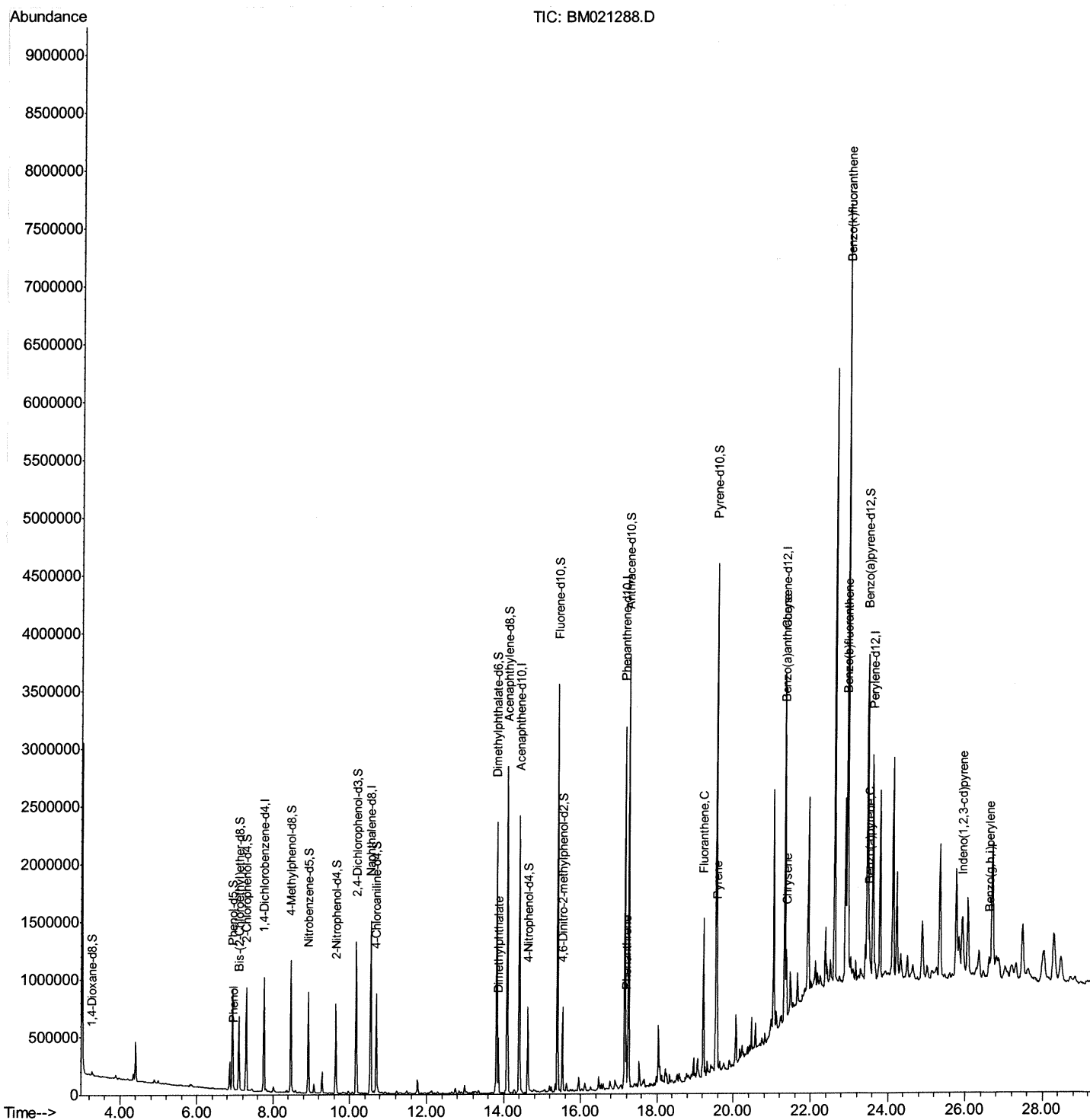
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062919\  
Data File : BM021288.D  
Acq On : 30 Jun 2019 06:55  
Operator : HP/JU  
Sample : K3590-18  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C5BB7

Manual Integrations  
APPROVED

mohammad  
7/1/2019 2:44:10 PM

Quant Time: Jul 01 01:05:50 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Jun 30 03:35:19 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

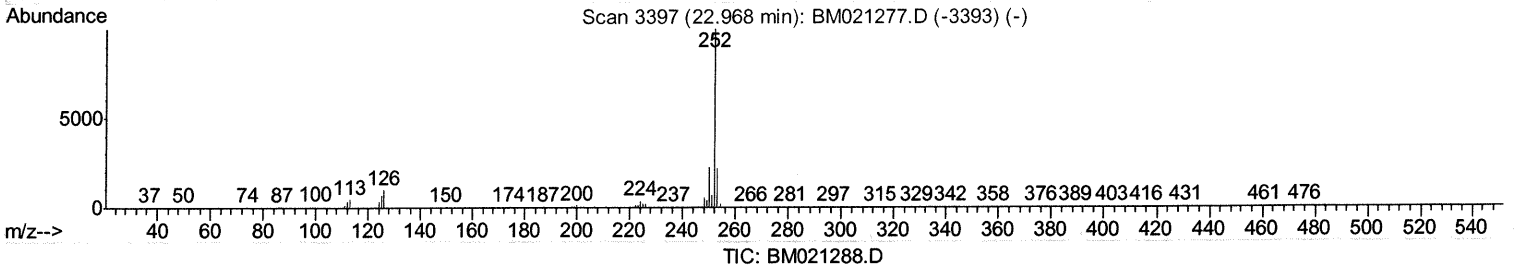
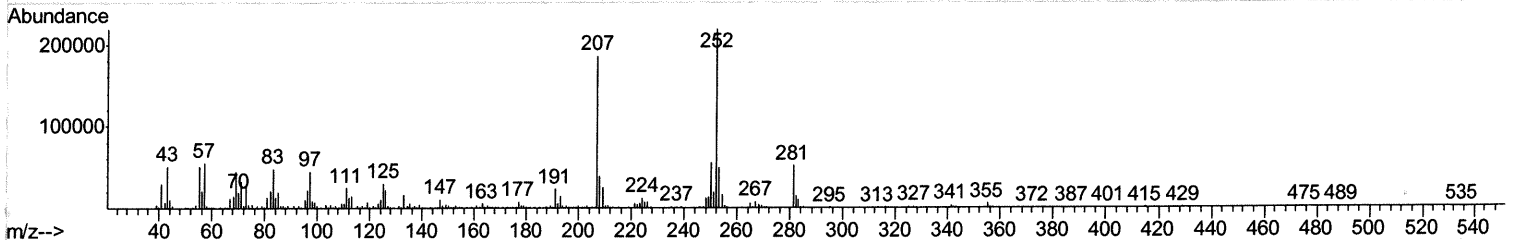
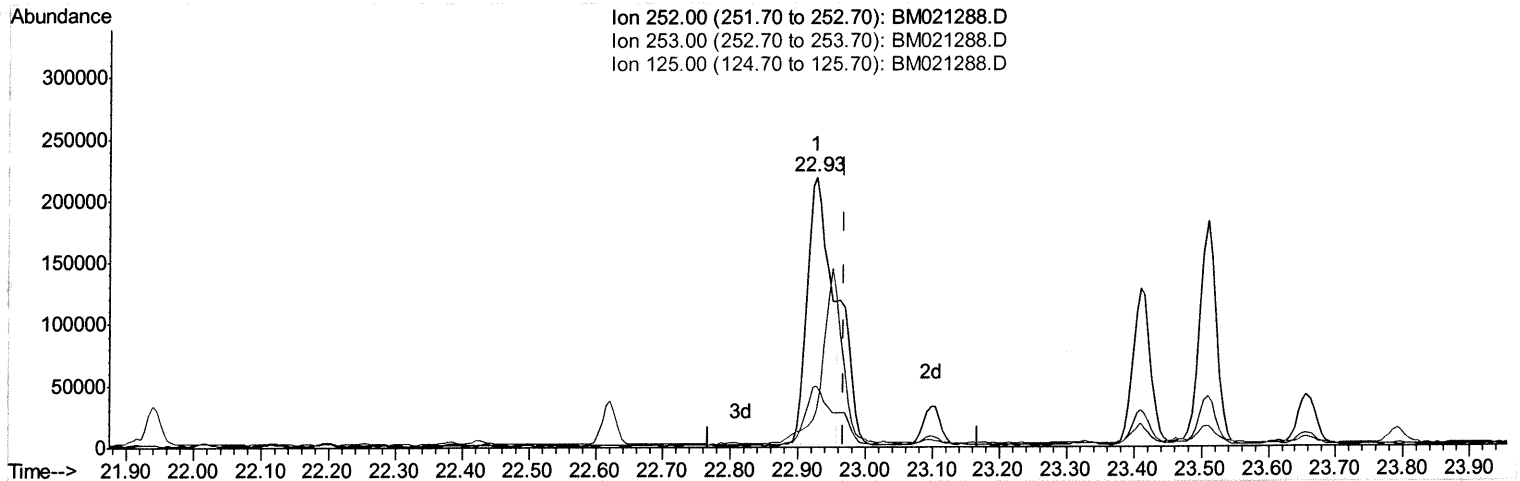
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062919\  
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Manual Integrations  
 APPROVED

mohammad  
 7/1/2019 2:44:10 PM

Quant Time: Jul 01 00:28:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jun 30 03:35:19 2019  
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.927min (-0.041) 5.87ng/ui

response 517820

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.90 | 22.90  |
| 125.00 | 8.20  | 13.82# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

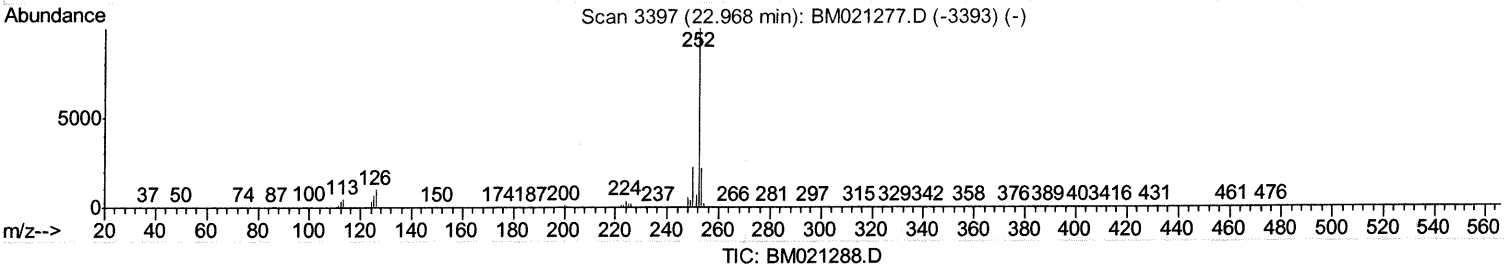
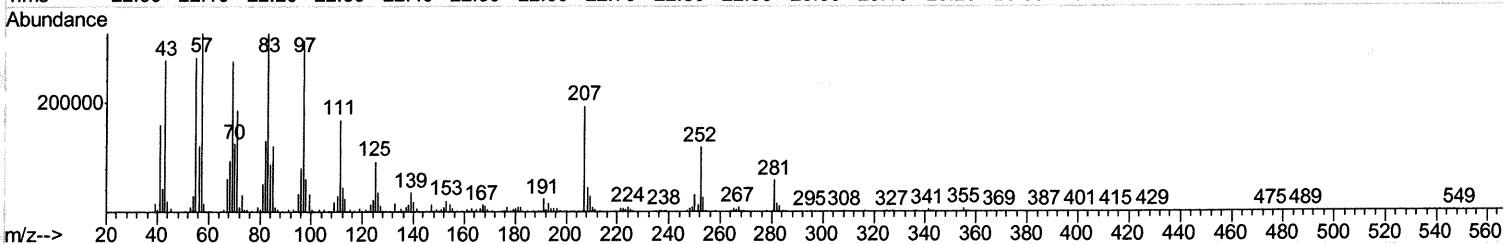
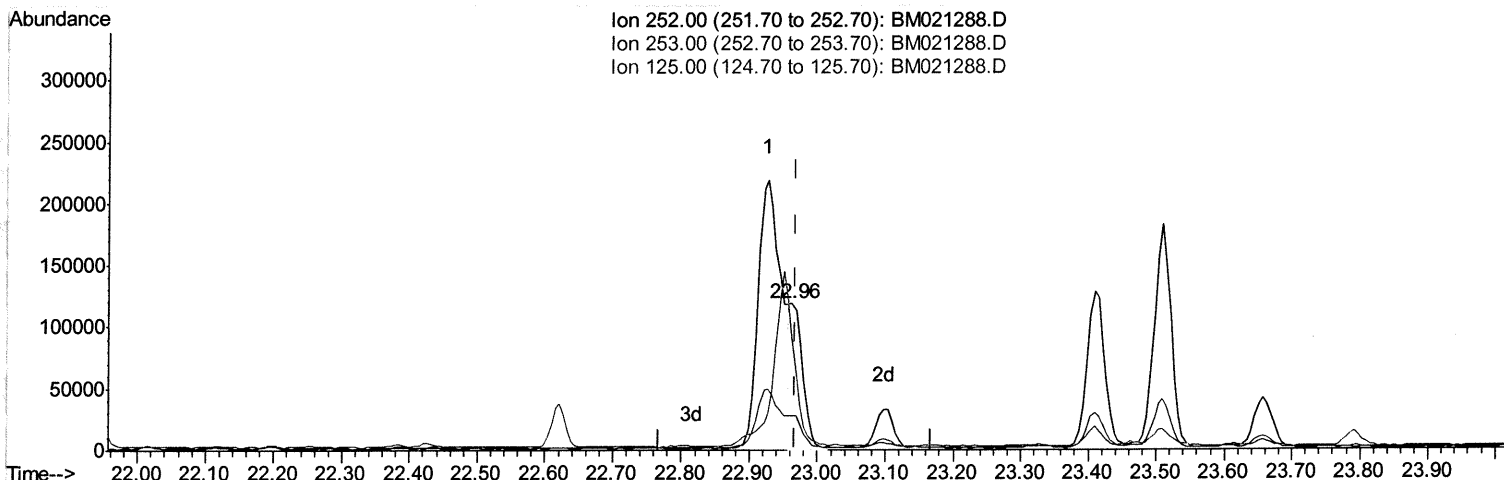
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 ClientSampleId :  
 C5BB7

Manual Integrations  
 APPROVED

mohammad  
 7/1/2019 2:44:10 PM

Quant Time: Jul 01 00:28:28 2019  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jun 30 03:35:19 2019  
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.962min (-0.006) 1.71ng/ul m

JG  
 07/01/19

response 150993

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.90 | 23.06  |
| 125.00 | 8.20  | 78.17# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062919\  
 Data File : BM021288.D  
 Acq On : 30 Jun 2019 06:55  
 Operator : HP/JU  
 Sample : K3590-18  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C5BB7

Manual Integrations  
 APPROVED

mohammad  
 7/1/2019 2:44:10 PM

Quant Time: Jul 01 01:05:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
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 QLast Update : Sun Jun 30 03:35:19 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 277240   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.55 | 136  | 1251182  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.40 | 164  | 814107   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.15 | 188  | 1861207  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.33 | 240  | 1323205  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.61 | 264  | 1448437  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.28  | 96  | 20960   | 3.59  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.93  | 99  | 506759  | 21.00 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 284622  | 19.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.29  | 132 | 419031  | 21.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.46  | 113 | 438870  | 21.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.92  | 128 | 224394  | 22.09 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.63  | 143 | 266296  | 23.61 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.17 | 165 | 524271  | 22.86 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.69 | 131 | 494314  | 20.67 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.81 | 166 | 1671202 | 22.72 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.09 | 160 | 1988361 | 22.08 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.62 | 143 | 207766  | 17.36 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.40 | 176 | 1458526 | 22.79 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 168136  | 14.70 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.25 | 188 | 2181186 | 22.55 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.54 | 212 | 2141874 | 26.98 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.47 | 264 | 1949497 | 22.81 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |       | Qvalue    |
|----------------------------|-------|-----|---------|-------|-----------|
| 6) Phenol                  | 6.96  | 94  | 24544   | 1.075 | ng/ul 89  |
| 44) Dimethylphthalate      | 13.86 | 163 | 312386  | 4.665 | ng/ul 98  |
| 69) Phenanthrene           | 17.19 | 178 | 261243  | 2.538 | ng/ul 99  |
| 76) Fluoranthene           | 19.21 | 202 | 755270  | 6.791 | ng/ul 99  |
| 79) Pyrene                 | 19.57 | 202 | 660480  | 7.061 | ng/ul 100 |
| 82) Benzo(a)anthracene     | 21.32 | 228 | 302056  | 3.348 | ng/ul 97  |
| 84) Chrysene               | 21.37 | 228 | 346079  | 4.096 | ng/ul 99  |
| 87) Benzo(b)fluoranthene   | 22.93 | 252 | 517820  | 5.644 | ng/ul# 94 |
| 88) Benzo(k)fluoranthene   | 22.96 | 252 | 150993m | 1.711 | ng/ul     |
| 90) Benzo(a)pyrene         | 23.51 | 252 | 311707  | 3.609 | ng/ul 100 |
| 91) Indeno(1,2,3-cd)pyrene | 25.90 | 276 | 250717  | 2.465 | ng/ul 96  |
| 93) Benzo(g,h,i)perylene   | 26.60 | 276 | 233014  | 2.782 | ng/ul 98  |

50 07/01/19

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