

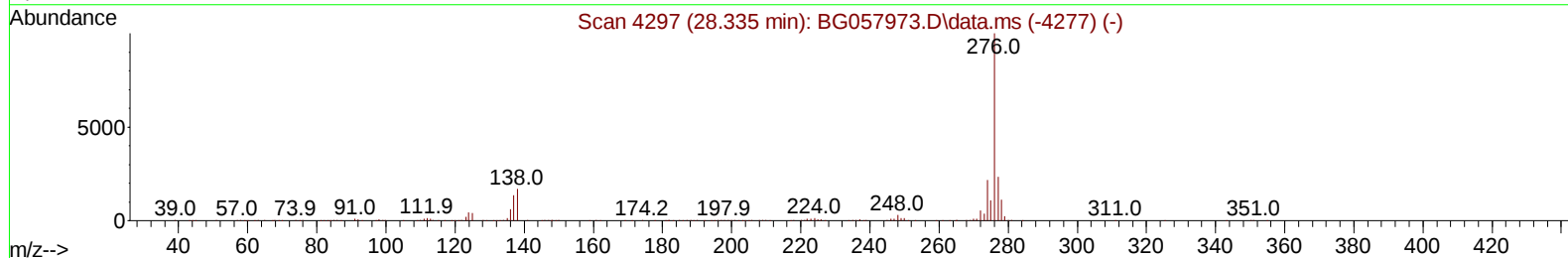
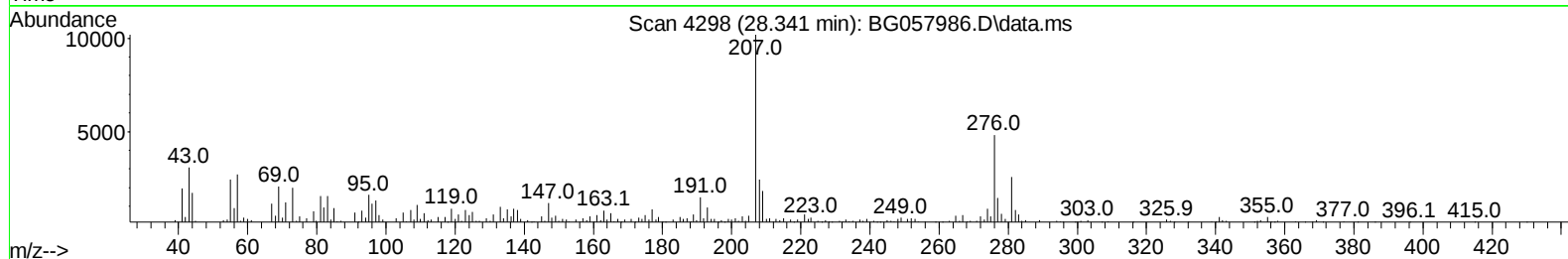
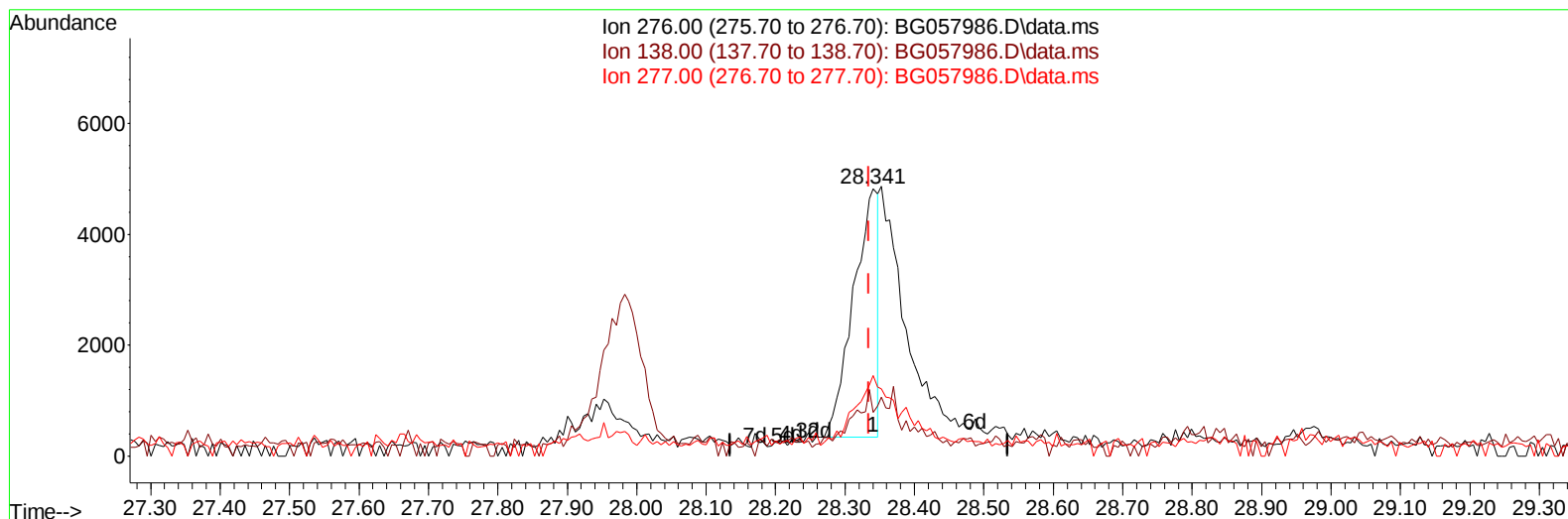
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
 Data File : BG057986.D  
 Acq On : 4 Jul 2023 13:21  
 Operator : CG/JU  
 Sample : 03247-20  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGM6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:50:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 04 05:09:13 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023  
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057986.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

28.341min (+ 0.006) 0.47 ng/u1

response 11101

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.50  | 16.24  |
| 277.00 | 24.30  | 29.99# |
| 0.00   | 0.00   | 0.00   |



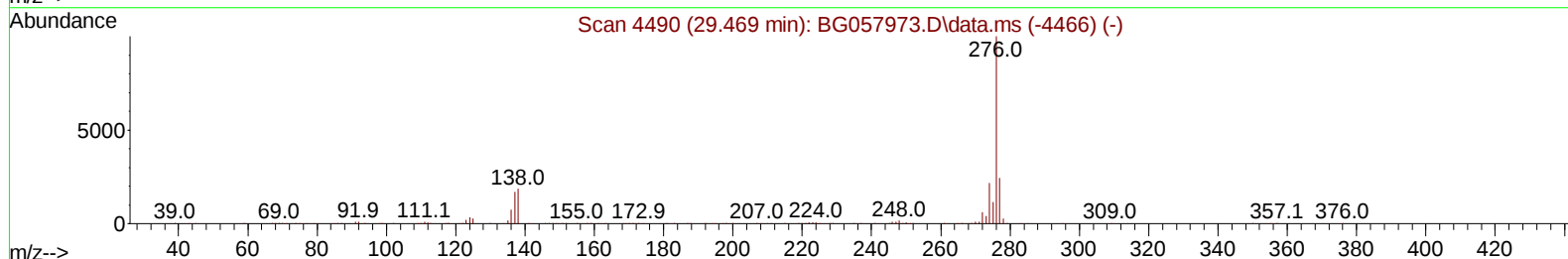
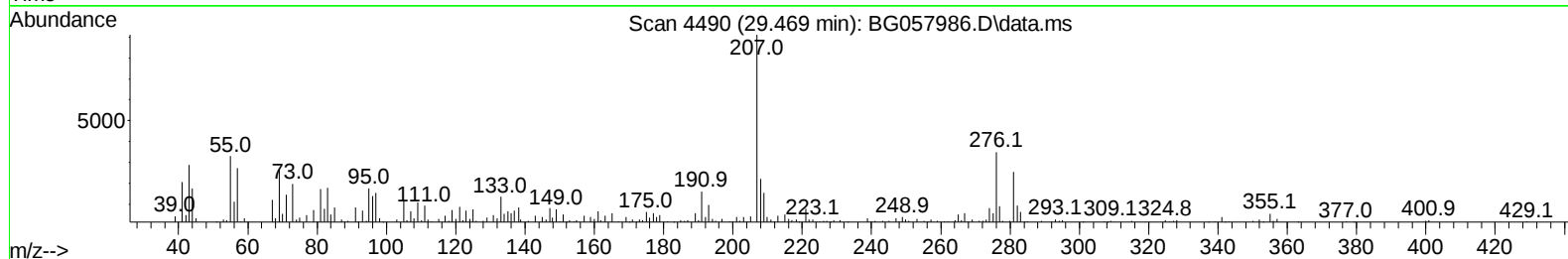
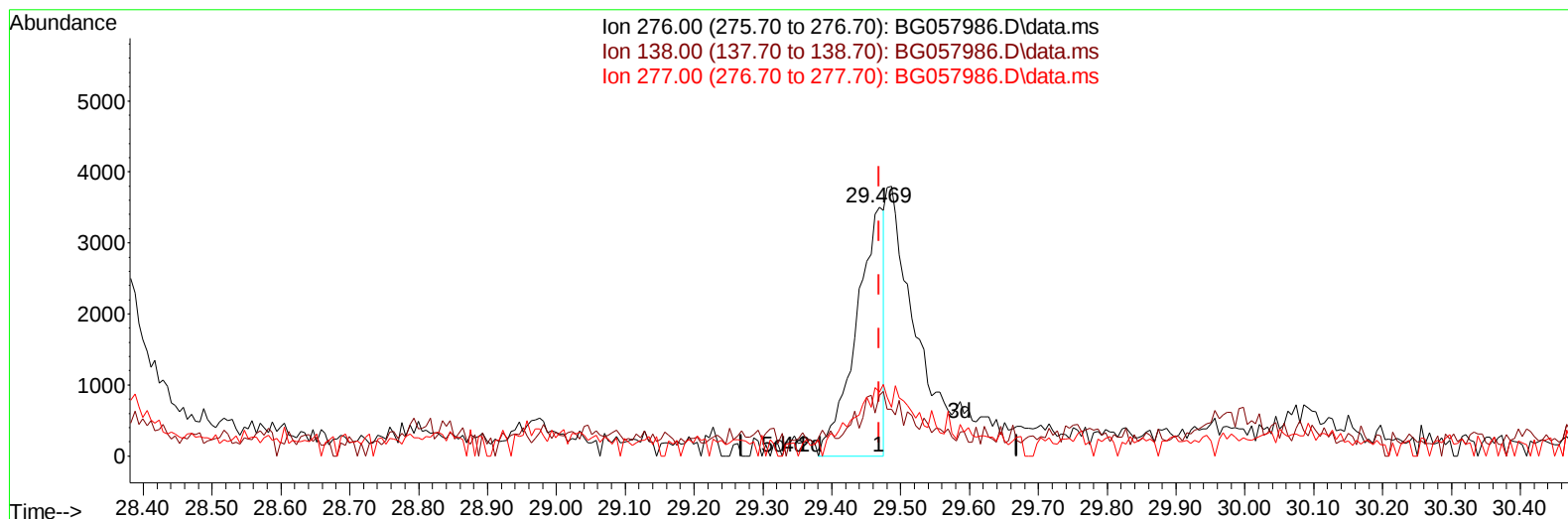
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 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGM6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:50:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 04 05:09:13 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023  
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG057986.D\data.ms

(96) Benzo(g,h,i)perylene

29.469min (+ 0.000) 0.51 ng/u1

response 9808

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.70  | 24.42# |
| 277.00 | 23.20  | 25.73  |
| 0.00   | 0.00   | 0.00   |

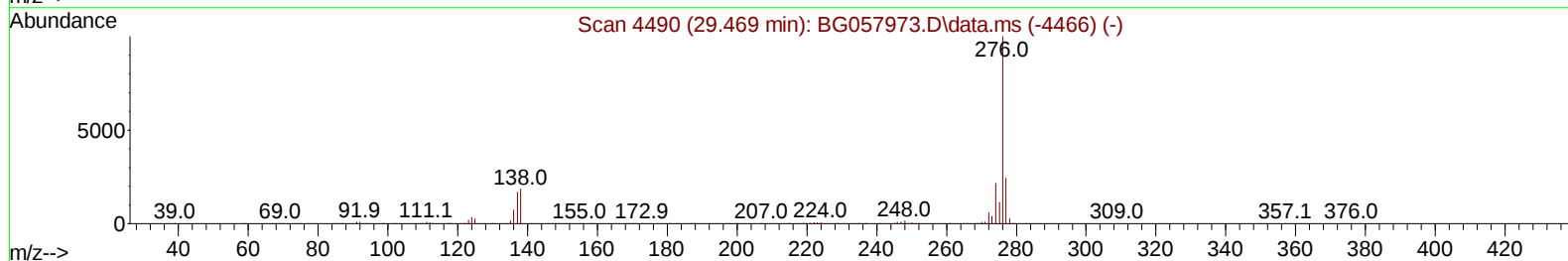
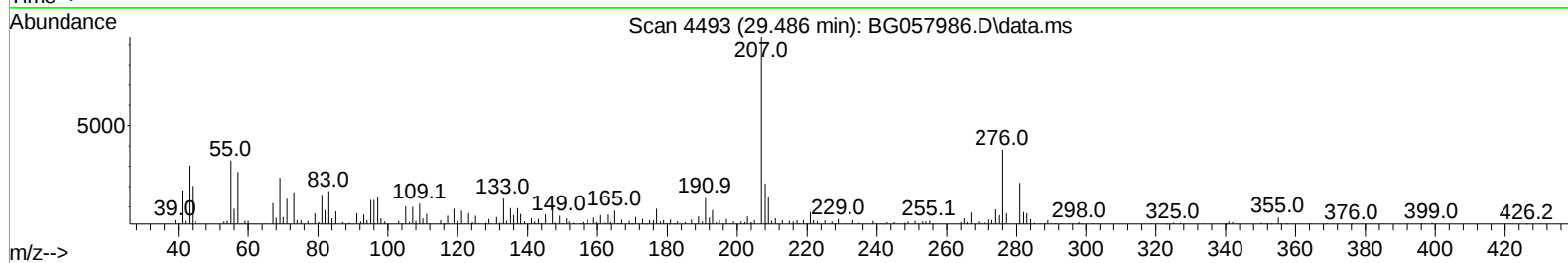
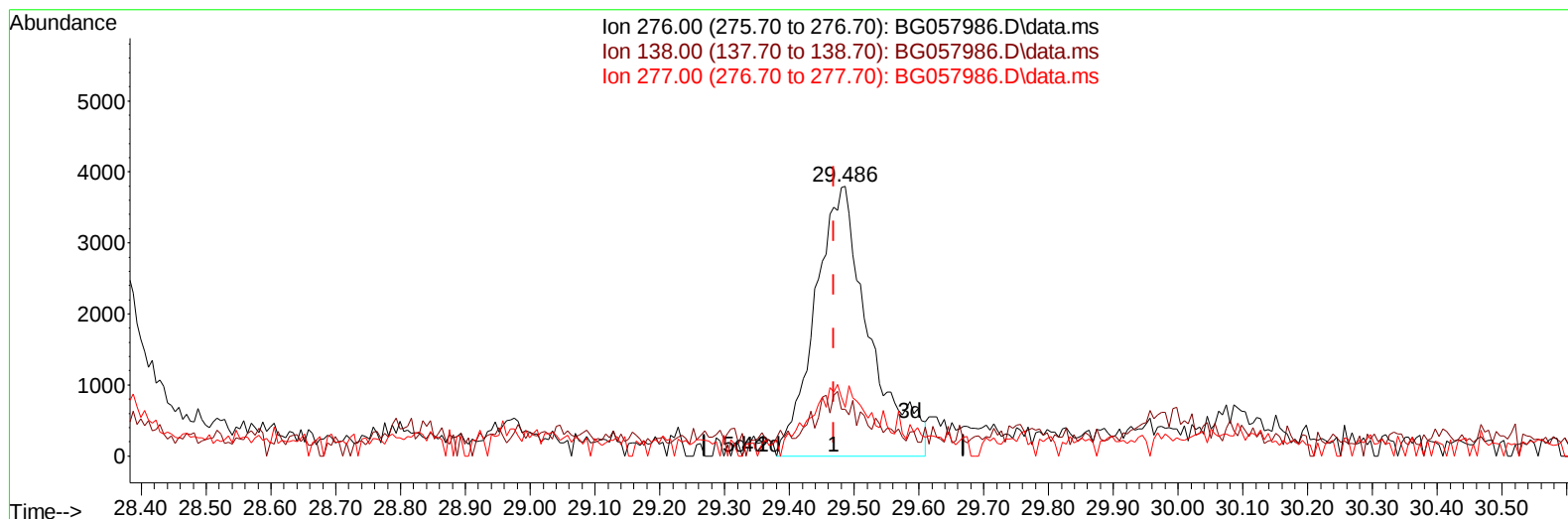
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ALS Vial : 43 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:50:26 2023  
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TIC: BG057986.D\data.ms

(96) Benzo(g,h,i)perylene

29.486min (+ 0.018) 1.15 ng/ul m

response 22062

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.70  | 17.37  |
| 277.00 | 23.20  | 18.13# |
| 0.00   | 0.00   | 0.00   |

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 Sample : 03247-20  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGM6

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023  
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 00:51:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.941  | 152  | 49995    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.744 | 136  | 229752   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.575 | 164  | 151826   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.318 | 188  | 328793   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.572 | 240  | 266553   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.739 | 264  | 322287   | 20.000 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.376  | 96   | 4379     | 3.067  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.787  | 84   | 44701    | 10.313 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.107  | 99   | 89407    | 17.511 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.265  | 67   | 61326    | 19.931 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.471  | 132  | 67762    | 19.243 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.646  | 113  | 41626    | 10.805 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.104  | 128  | 38082    | 20.337 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.821  | 143  | 42252    | 21.469 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.368 | 165  | 67125    | 17.780 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.879 | 131  | 41176    | 7.193  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.975 | 166  | 240267   | 20.057 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.269 | 160  | 277824   | 21.253 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.774 | 143  | 28907    | 13.658 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.562 | 176  | 211993   | 20.838 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.679 | 200  | 22843    | 12.795 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.412 | 188  | 266494   | 17.467 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.704 | 212  | 364283   | 21.699 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.522 | 264  | 351697   | 21.419 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          | Qvalue |        |          |
| 80) Fluoranthene              | 19.369 | 202  | 40637    | 2.089  | ng/ul  | 100      |
| 82) Pyrene                    | 19.733 | 202  | 36052    | 1.841  | ng/ul  | 96       |
| 85) Benzo(a)anthracene        | 21.555 | 228  | 21265    | 1.111  | ng/ul# | 93       |
| 87) Chrysene                  | 21.619 | 228  | 28088    | 1.566  | ng/ul# | 94       |
| 90) Benzo(b)fluoranthene      | 23.729 | 252  | 50520    | 2.532  | ng/ul# | 91       |
| 93) Benzo(a)pyrene            | 24.586 | 252  | 27887    | 1.579  | ng/ul# | 93       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.352 | 276  | 25125m   | 1.071  | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 29.486 | 276  | 22062m   | 1.152  | ng/ul  |          |
| -----                         |        |      |          |        |        |          |

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

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Supervised By :mohammad ahmed 07/05/2023

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