

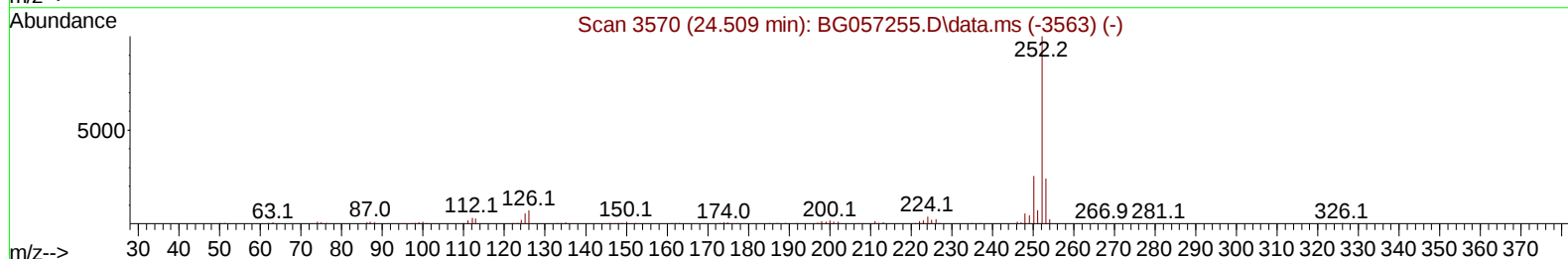
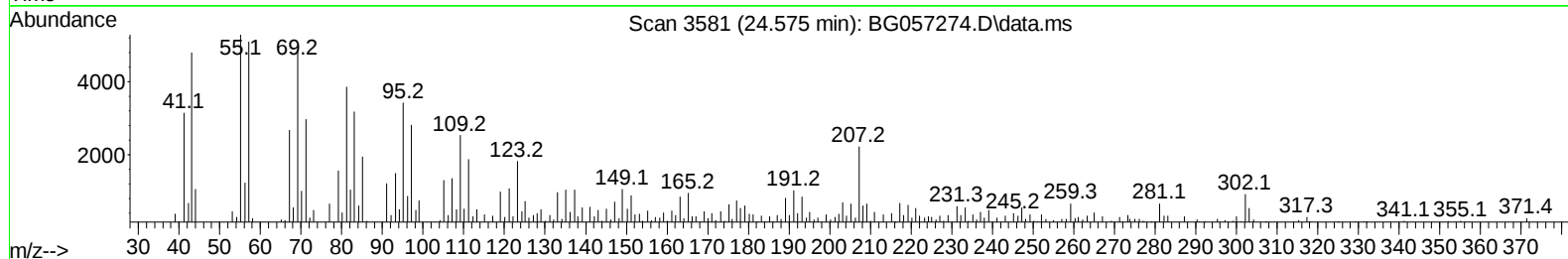
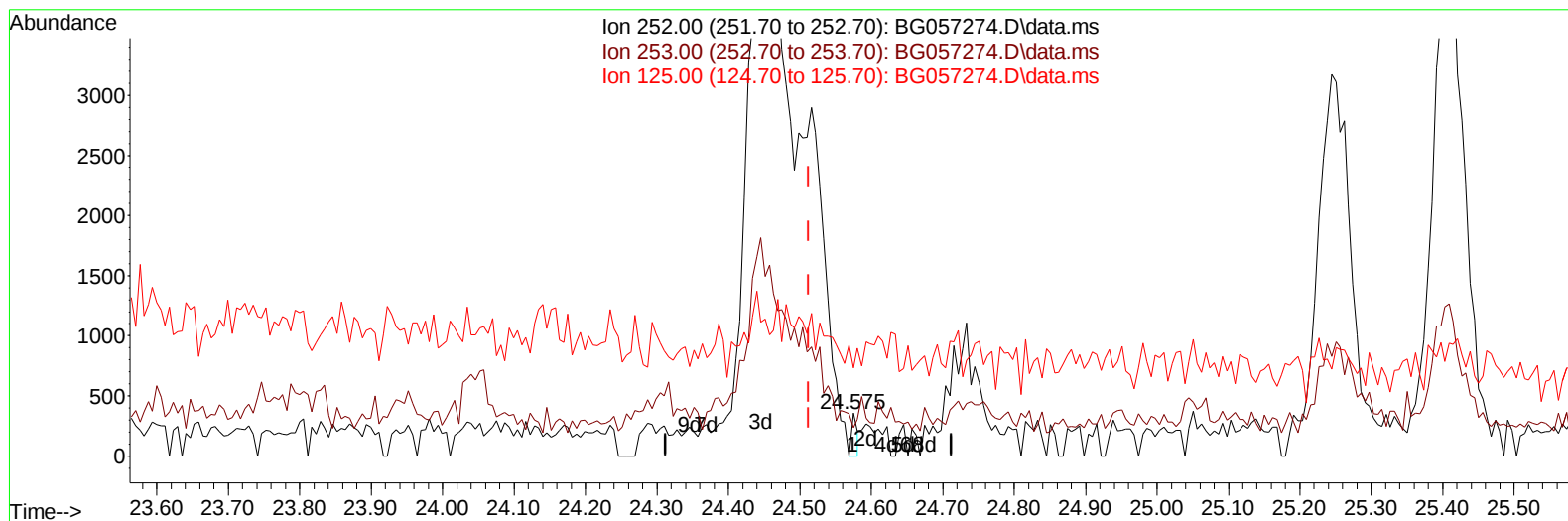
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050123\  
Data File : BG057274.D  
Acq On : 2 May 2023 11:40  
Operator : CG/JU  
Sample : 02419-31  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW926

Manual IntegrationsAPPROVED

Quant Time: May 03 01:04:43 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon May 01 12:45:38 2023  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023  
Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057274.D\data.ms

(91) Benzo(k)fluoranthene

24.575min (+ 0.062) 0.03 ng/u1

response 199

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 252.00 | 100.00 | 100.00  |
| 253.00 | 22.10  | 66.48#  |
| 125.00 | 5.60   | 206.20# |
| 0.00   | 0.00   | 0.00    |

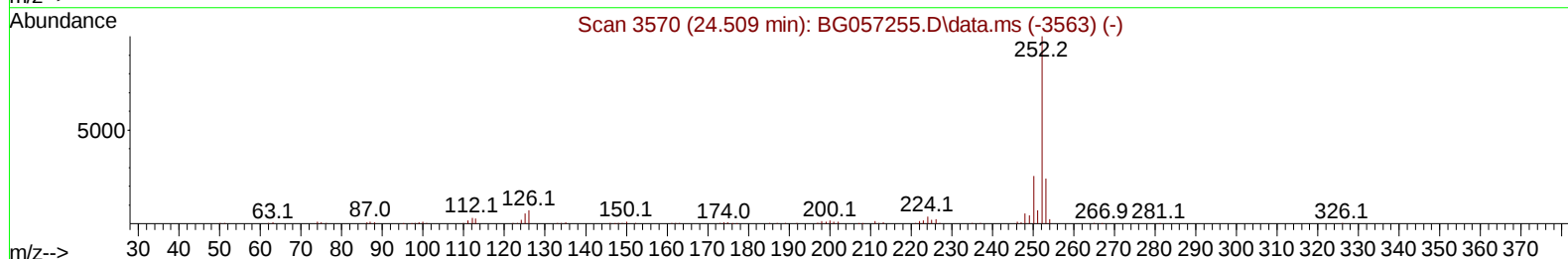
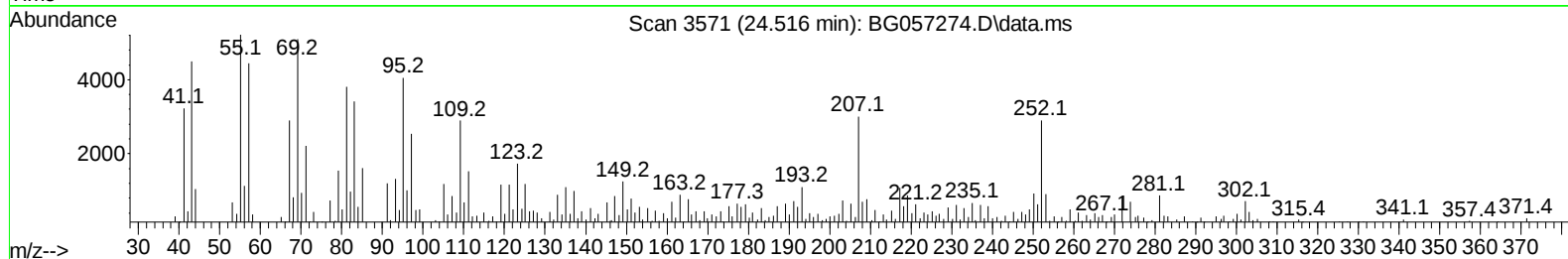
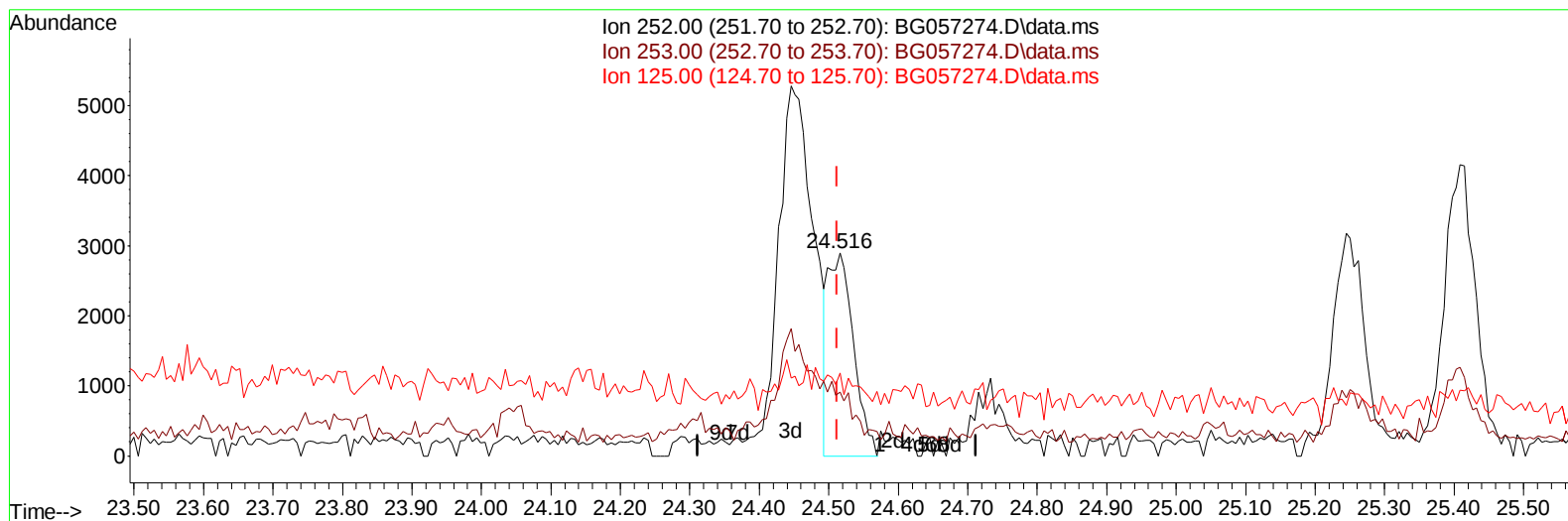
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TIC: BG057274.D\data.ms

## (91) Benzo(k)fluoranthene

24.516min (+ 0.004) 1.24 ng/u1 m

response 7368

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10  | 31.33# |
| 125.00 | 5.60   | 40.88# |
| 0.00   | 0.00   | 0.00   |

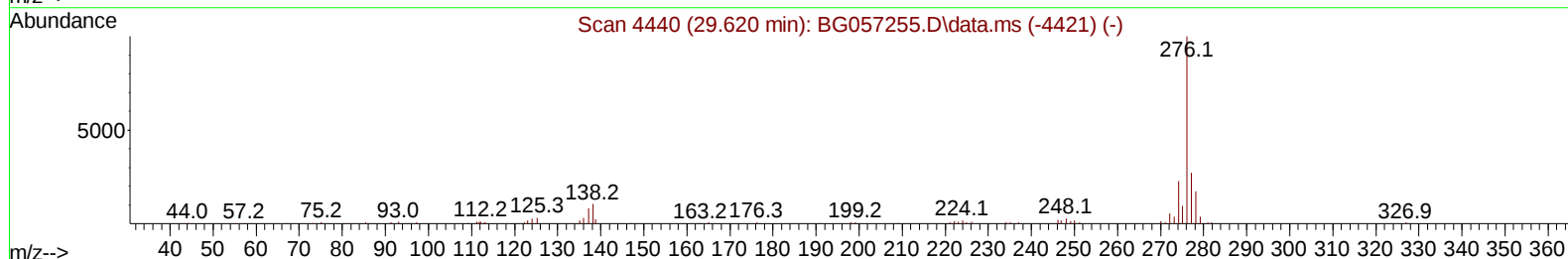
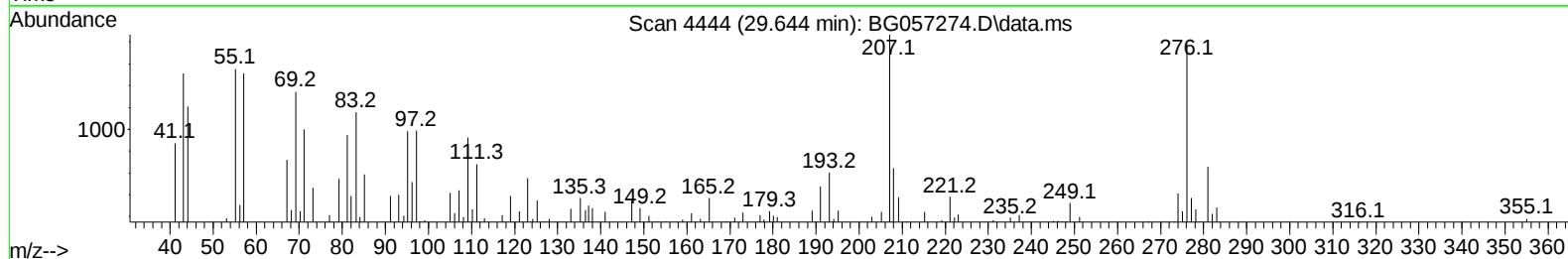
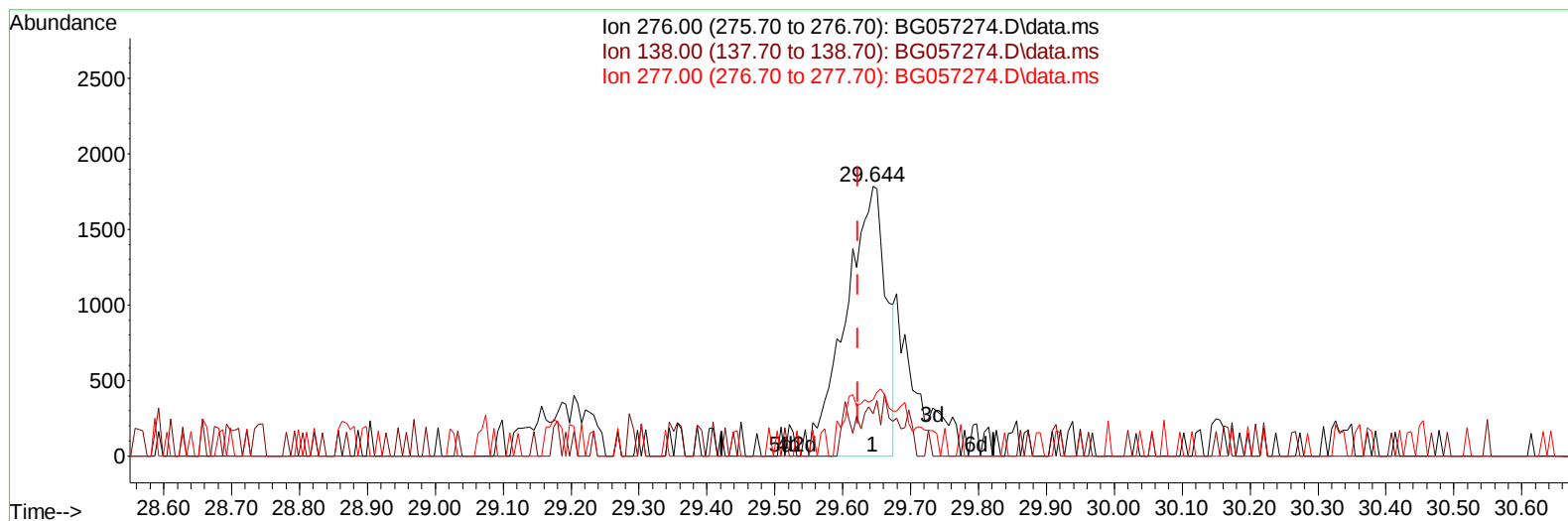
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050123\  
Data File : BG057274.D  
Acq On : 2 May 2023 11:40  
Operator : CG/JU  
Sample : 02419-31  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
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TIC: BG057274.D\data.ms

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

29.644min (+ 0.021) 1.11 ng/u1

response 7353

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.80  | 15.70# |
| 277.00 | 23.30  | 20.80  |
| 0.00   | 0.00   | 0.00   |

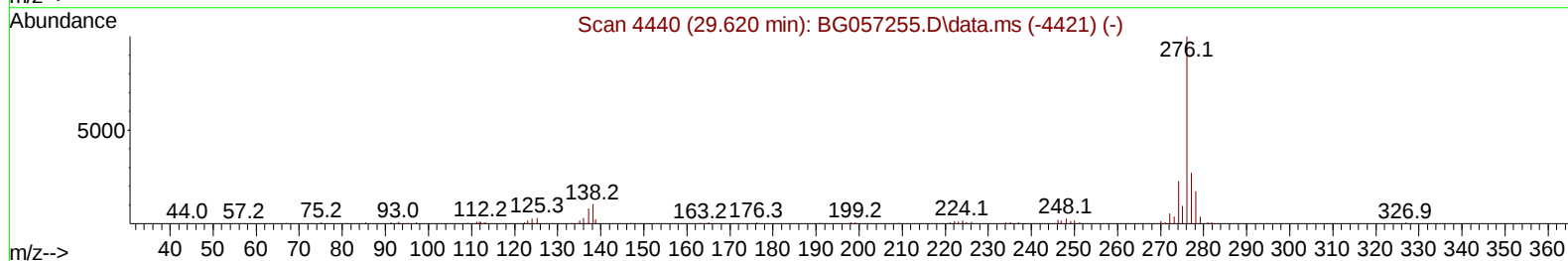
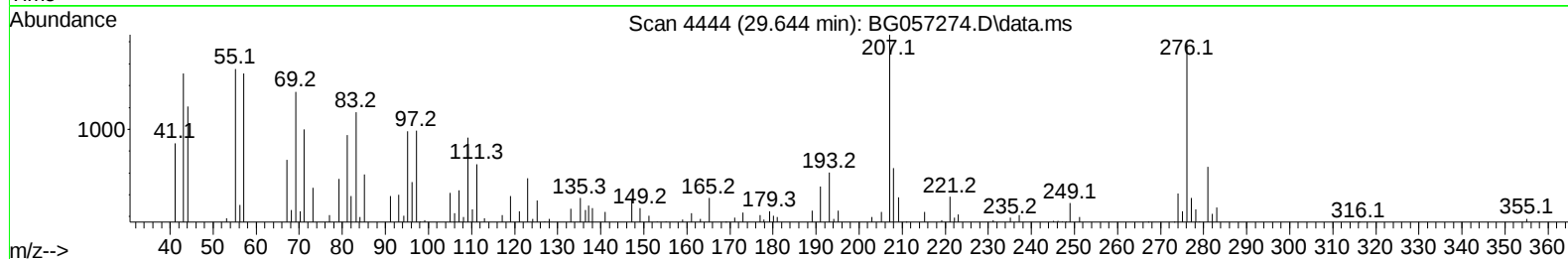
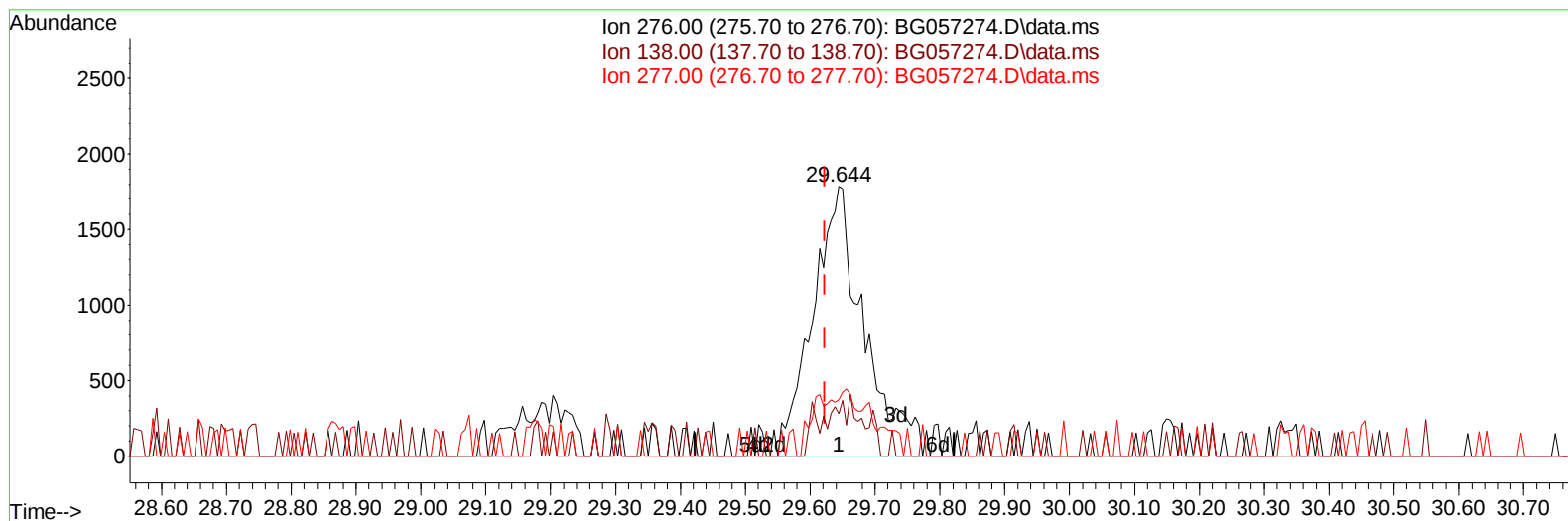
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 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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## Manual IntegrationsAPPROVED

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TIC: BG057274.D\data.ms

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

29.644min (+ 0.021) 1.47 ng/ul m

response 9717

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.80  | 15.70# |
| 277.00 | 23.30  | 20.80  |
| 0.00   | 0.00   | 0.00   |

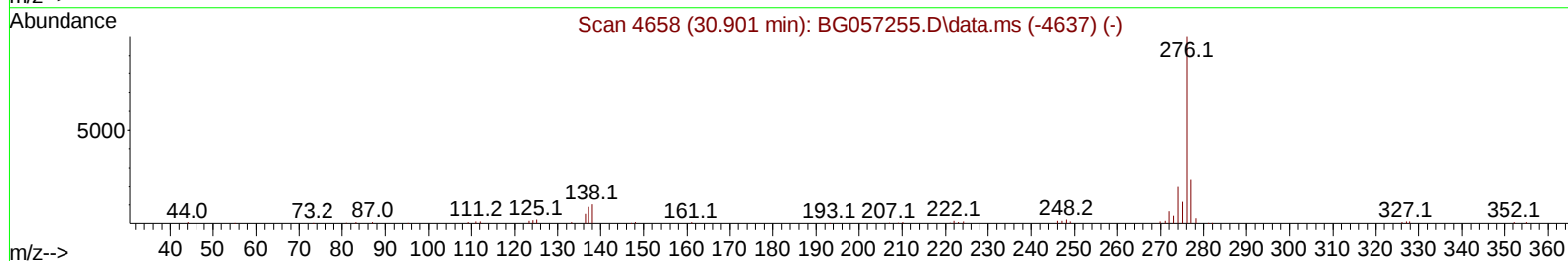
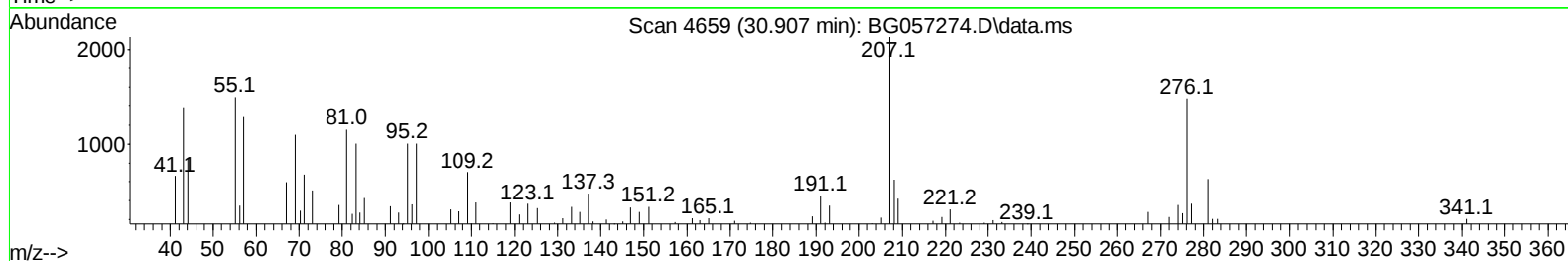
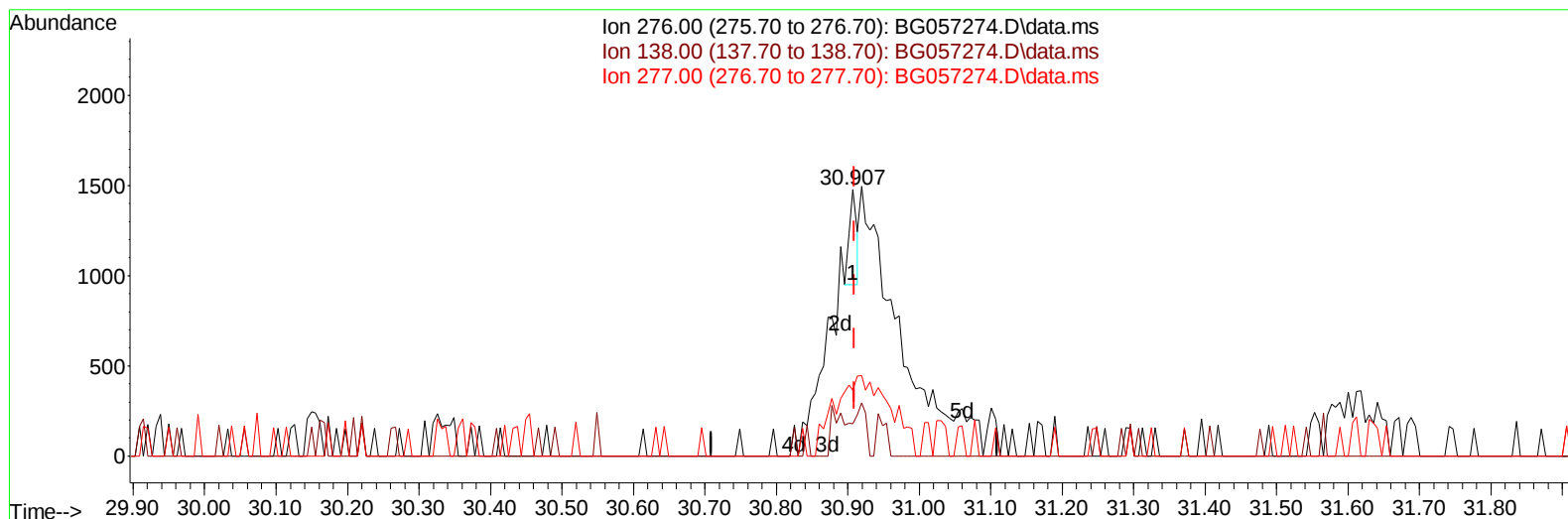
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 Sample : 02419-31  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
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Manual IntegrationsAPPROVED

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TIC: BG057274.D\data.ms

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

30.907min (-0.002) 0.07 ng/u1

response 390

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.90  | 12.11  |
| 277.00 | 23.00  | 24.76  |
| 0.00   | 0.00   | 0.00   |



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Instrument :  
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 EW926

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023  
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Quant Time: May 03 01:36:24 2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.385  | 152  | 15713    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.222 | 136  | 67447    | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.994 | 164  | 45825    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.731 | 188  | 92860    | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 22.049 | 240  | 80959    | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 25.579 | 264  | 88451    | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.656  | 96   | 447      | 1.252  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 7.521  | 99   | 14414    | 9.700  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.686  | 67   | 10103    | 11.559 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.909  | 132  | 10813    | 11.042 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.084  | 113  | 3331     | 2.949  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.560  | 128  | 6742     | 12.552 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.288 | 143  | 6248     | 9.967  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.835 | 165  | 11242    | 9.296  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.346 | 131  | 10910    | 6.807  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.377 | 166  | 48448    | 13.343 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.694 | 160  | 57178    | 14.011 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.199 | 143  | 66       | 0.125  | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.980 | 176  | 43132    | 12.751 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0        | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.831 | 188  | 60184    | 14.199 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.098 | 212  | 70267    | 14.622 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.333 | 264  | 64305    | 14.270 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 9.213  | 105  | 4425     | 2.277  | ng/ul  | 93       |
| 72) Phenanthrene              | 17.778 | 178  | 11519    | 2.382  | ng/ul# | 96       |
| 80) Fluoranthene              | 19.769 | 202  | 26269    | 4.602  | ng/ul  | 97       |
| 82) Pyrene                    | 20.128 | 202  | 21687    | 3.753  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 22.031 | 228  | 13675    | 2.388  | ng/ul# | 87       |
| 87) Chrysene                  | 22.096 | 228  | 13228    | 2.449  | ng/ul# | 83       |
| 90) Benzo(b)fluoranthene      | 24.445 | 252  | 17281    | 2.821  | ng/ul# | 68       |
| 91) Benzo(k)fluoranthene      | 24.516 | 252  | 7368m    | 1.236  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 25.409 | 252  | 12058    | 2.280  | ng/ul# | 75       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.644 | 276  | 9717m    | 1.470  | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 30.919 | 276  | 9350m    | 1.748  | ng/ul  |          |
| -----                         |        |      |          |        |        |          |

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

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