

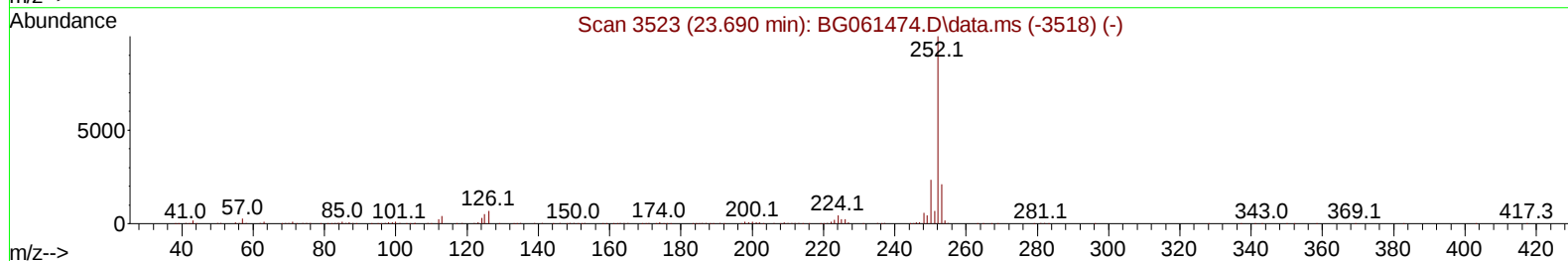
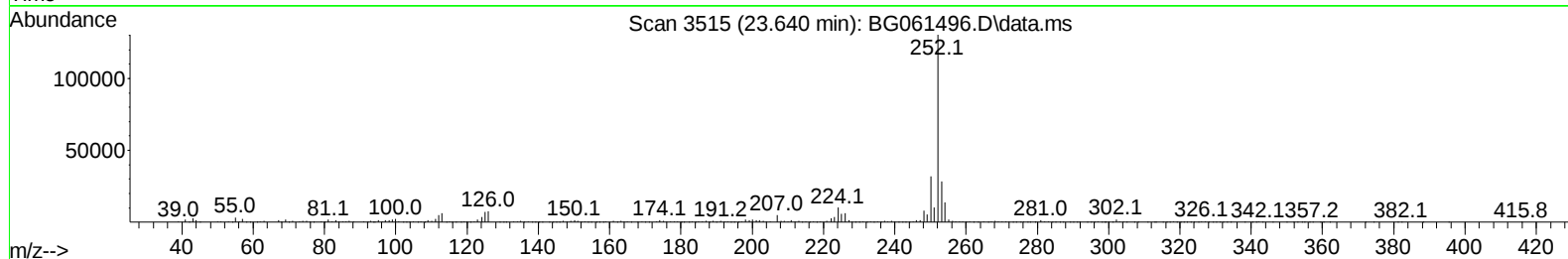
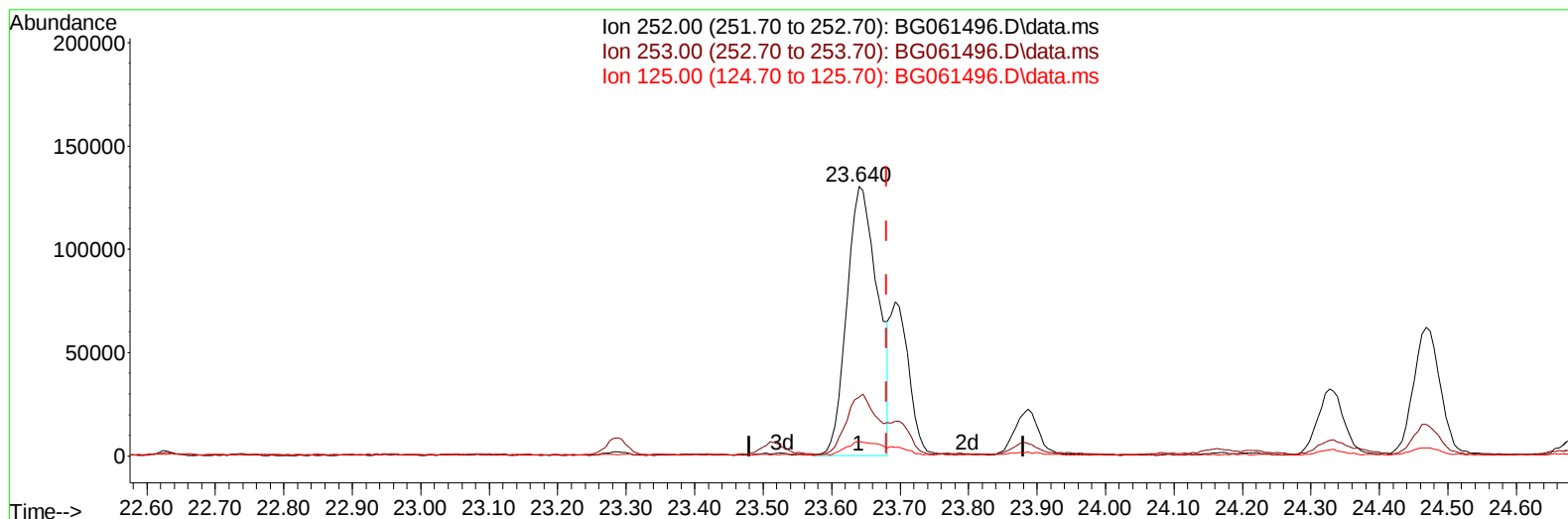
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061496.D  
Acq On : 5 Jun 2024 21:22  
Operator : MA/JU  
Sample : P2623-12  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBR7

Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:54:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu May 30 22:54:48 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024  
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061496.D\data.ms

(91) Benzo(k)fluoranthene

23.640min (-0.040) 28.99 ng/u1

response 409071

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 20.00  | 21.94  |
| 125.00 | 5.40   | 5.40   |
| 0.00   | 0.00   | 0.00   |

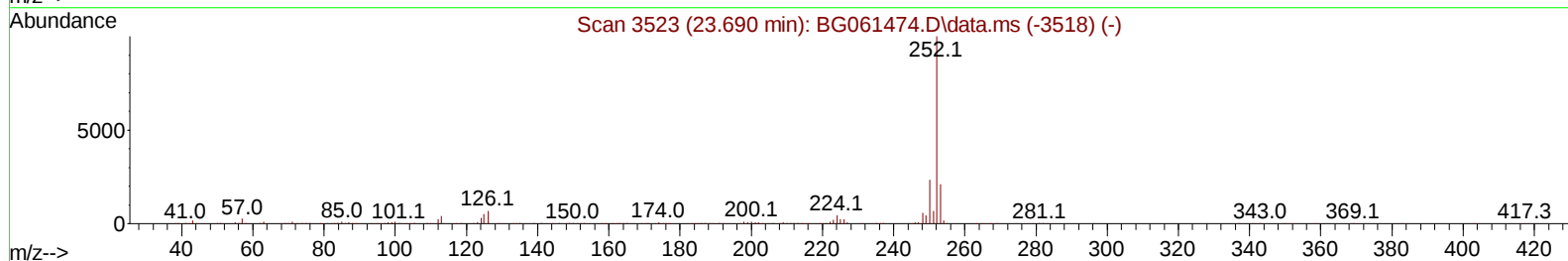
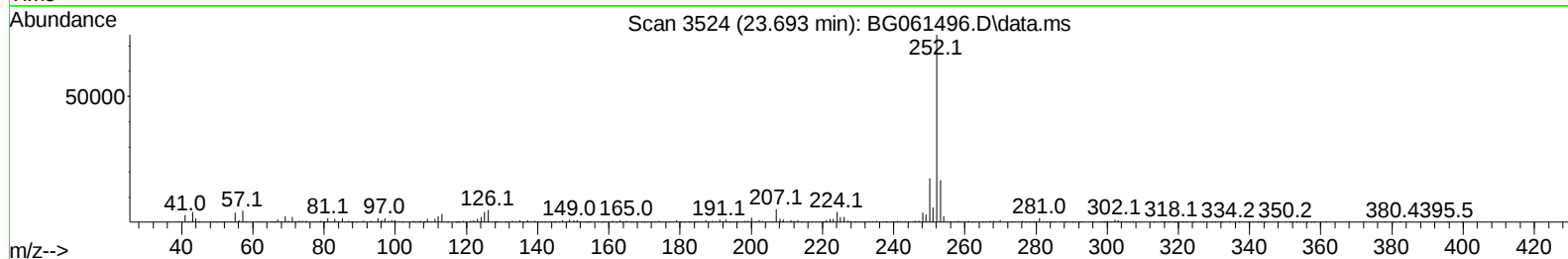
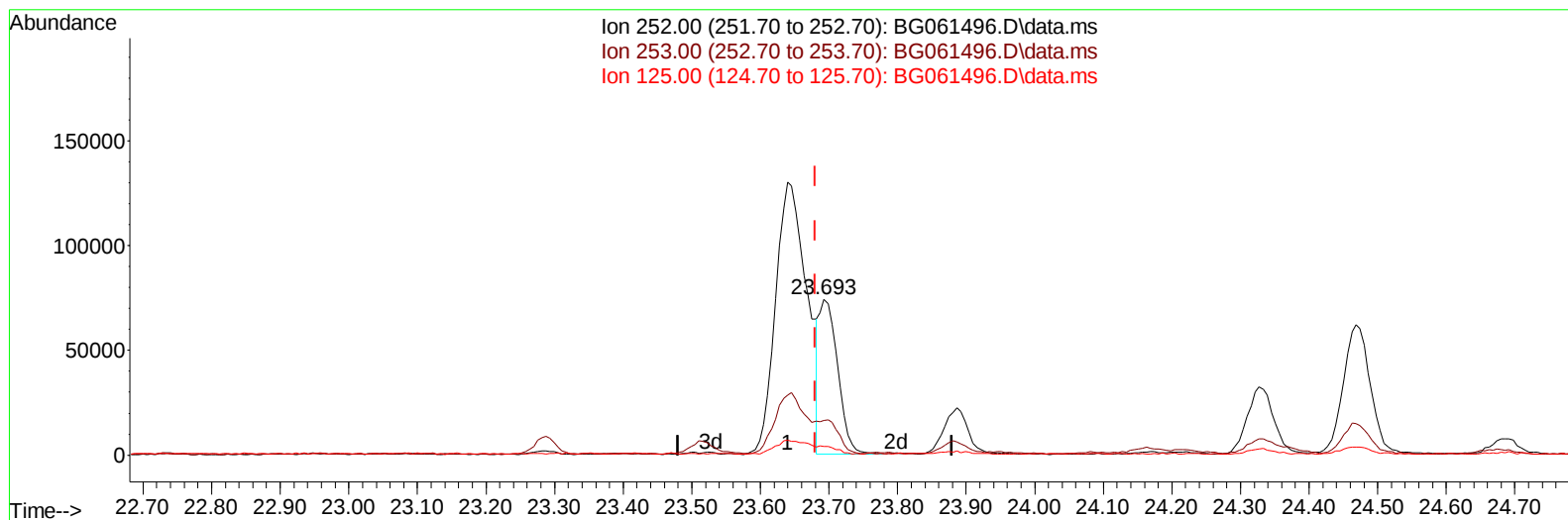
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061496.D  
Acq On : 5 Jun 2024 21:22  
Operator : MA/JU  
Sample : P2623-12  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:54:14 2024  
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QLast Update : Thu May 30 22:54:48 2024  
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Reviewed By :Jagrut Upadhyay 06/06/2024  
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061496.D\data.ms

(91) Benzo(k)fluoranthene

23.693min (+ 0.013) 9.89 ng/u1 m

response 139518

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 20.00  | 22.40  |
| 125.00 | 5.40   | 5.60   |
| 0.00   | 0.00   | 0.00   |

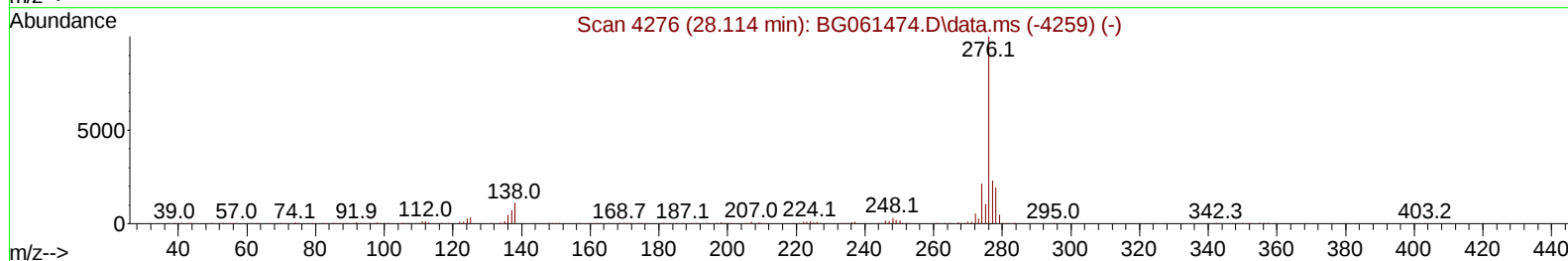
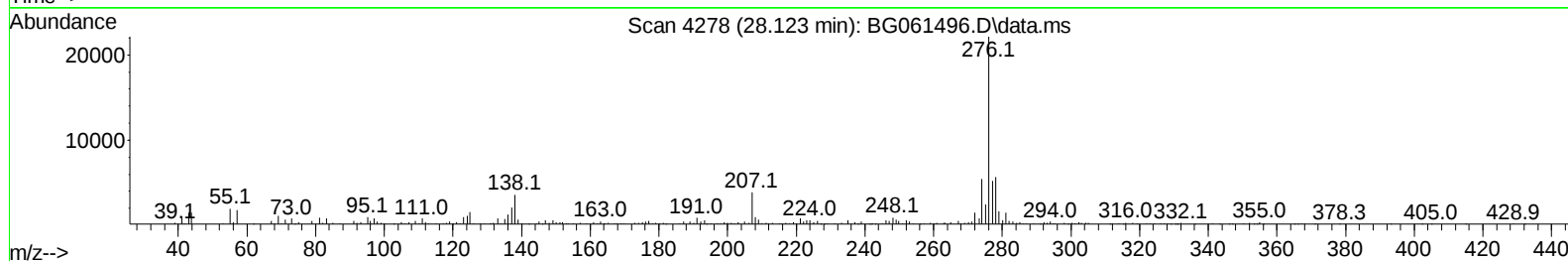
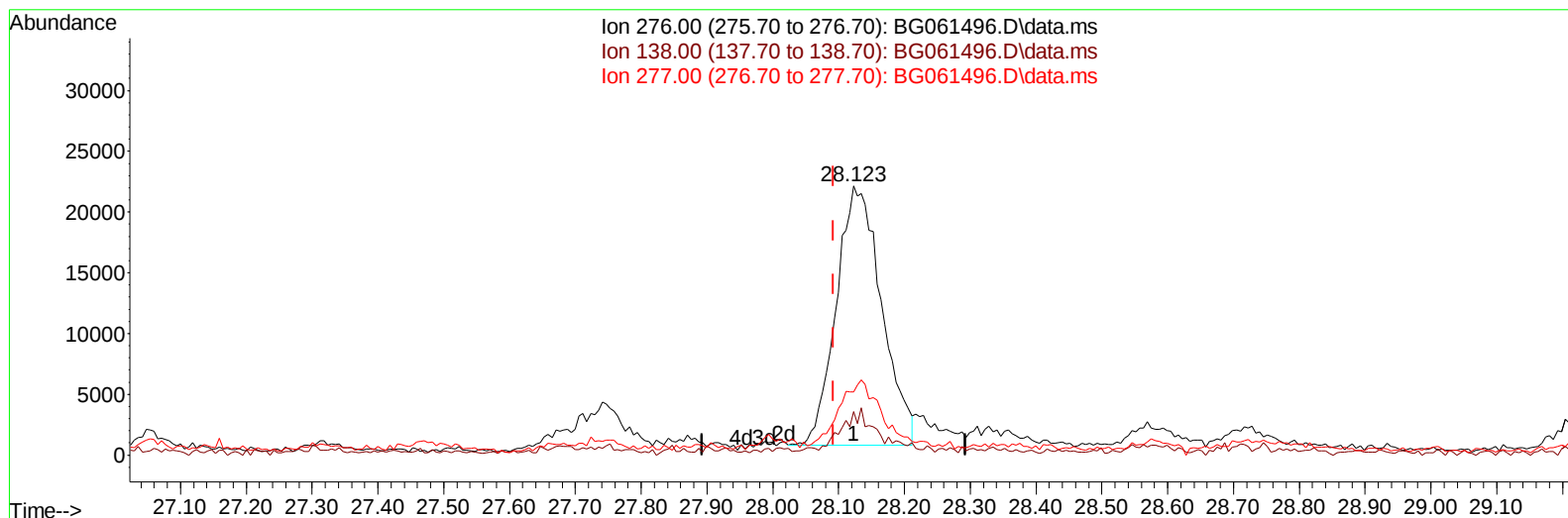
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
 Data File : BG061496.D  
 Acq On : 5 Jun 2024 21:22  
 Operator : MA/JU  
 Sample : P2623-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BHBR7

Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:54:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 30 22:54:48 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024  
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061496.D\data.ms

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

**28.123min (+ 0.030) 6.39 ng/u1**

**response 102075**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.80  | 16.24# |
| 277.00 | 24.60  | 23.58  |
| 0.00   | 0.00   | 0.00   |



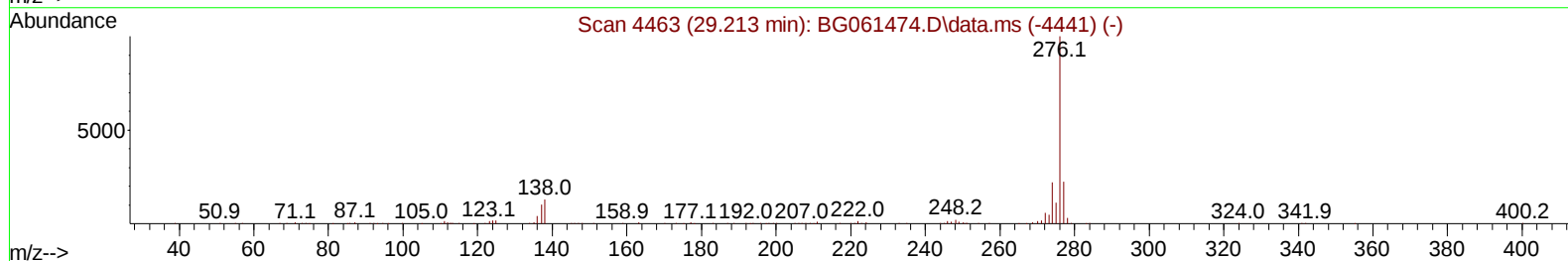
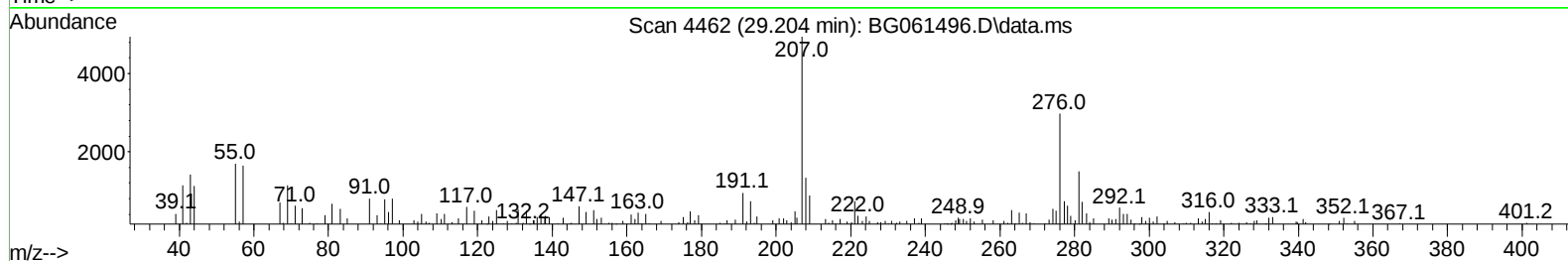
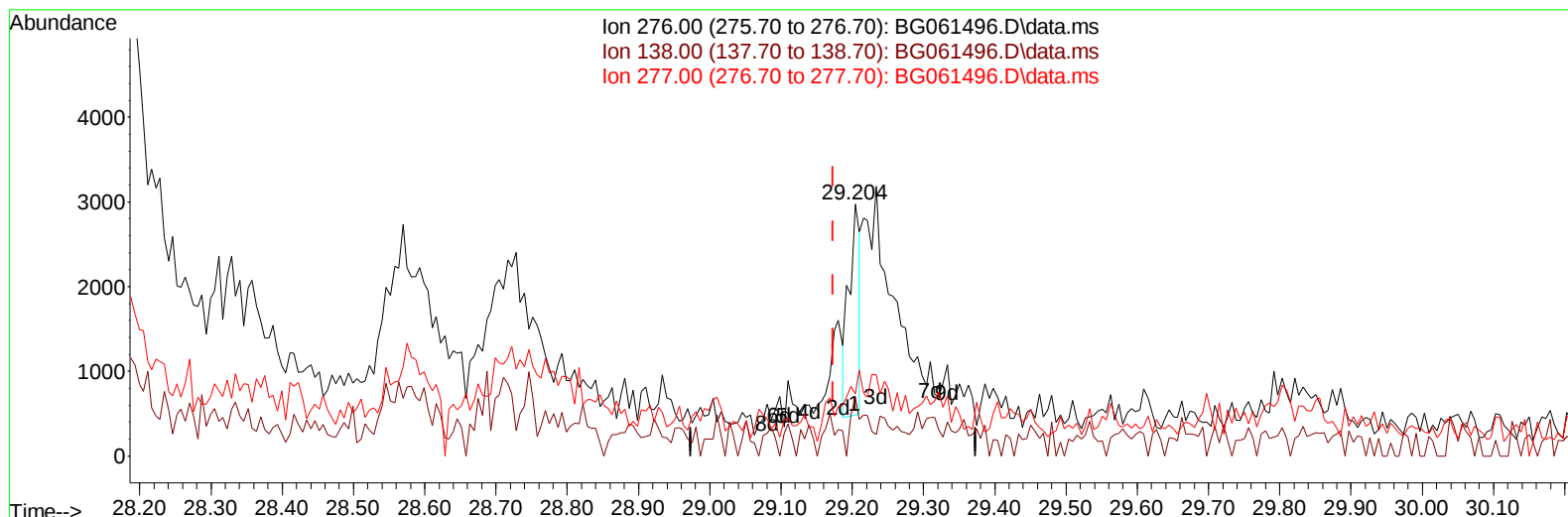
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061496.D  
Acq On : 5 Jun 2024 21:22  
Operator : MA/JU  
Sample : P2623-12  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBR7

Manual IntegrationsAPPROVED

Quant Time: Jun 05 23:17:55 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu May 30 22:54:48 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024  
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061496.D\data.ms

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

29.204min (+ 0.030) 0.21 ng/u1

response 2697

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.90  | 23.32# |
| 277.00 | 22.70  | 24.66  |
| 0.00   | 0.00   | 0.00   |

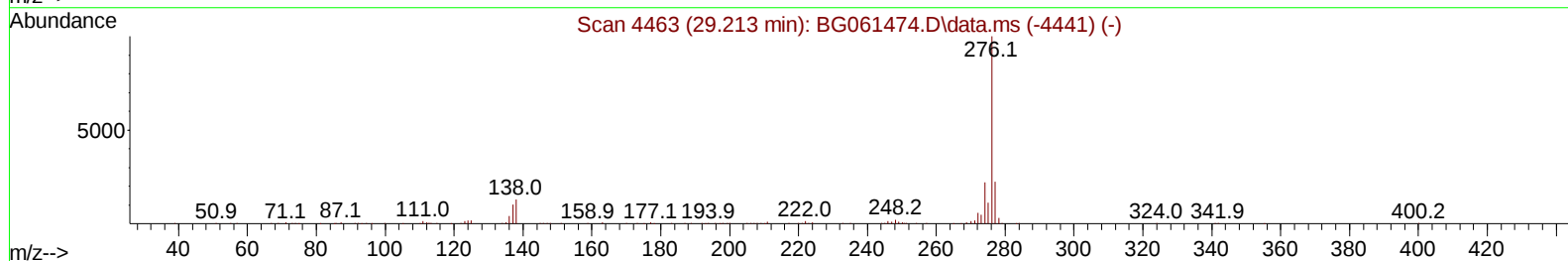
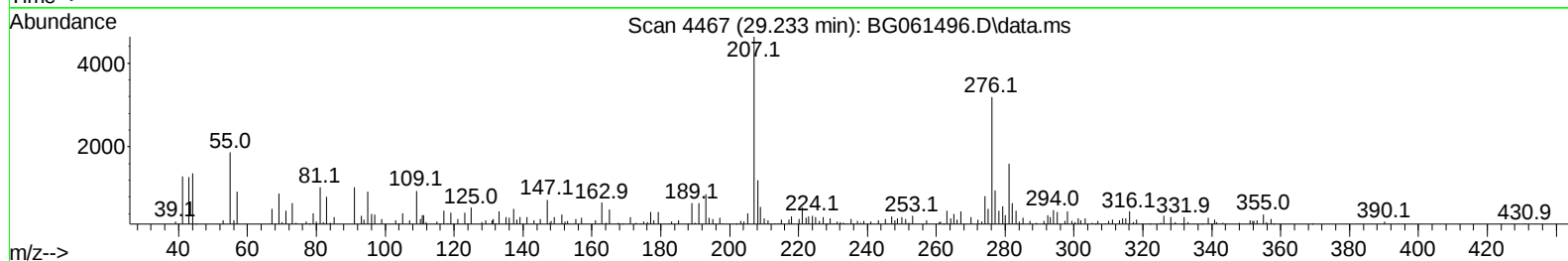
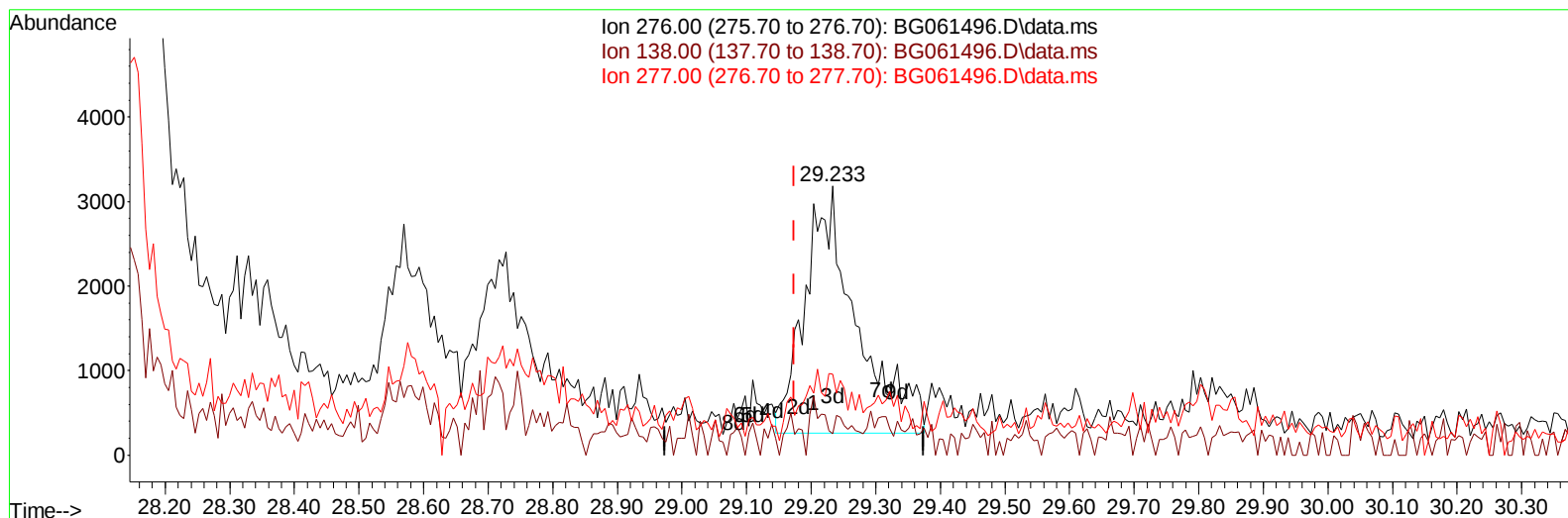
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
 Data File : BG061496.D  
 Acq On : 5 Jun 2024 21:22  
 Operator : MA/JU  
 Sample : P2623-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BHBR7

Manual IntegrationsAPPROVED

Quant Time: Jun 05 23:17:55 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 30 22:54:48 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024  
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061496.D\data.ms

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

**29.233min (+ 0.060) 1.26 ng/u1 m**

**response 16031**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.90  | 7.89#  |
| 277.00 | 22.70  | 30.08# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
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 Sample : P2623-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BHBR7

Manual IntegrationsAPPROVED

Quant Time: Jun 05 23:18:36 2024  
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Reviewed By :Jagrut Upadhyay 06/06/2024  
 Supervised By :mohammad ahmed 06/07/2024

| Compound                      | R.T.   | Q   | Ion | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|--------|----------|
| -----                         |        |     |     |          |        |        |          |
| Internal Standards            |        |     |     |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.876  | 152 |     | 28255    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.667 | 136 |     | 109584   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.509 | 164 |     | 82530    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.265 | 188 |     | 186371   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.525 | 240 |     | 207328   | 20.000 | ng/ul  | # 0.01   |
| 88) Perylene-d12              | 24.615 | 264 |     | 233460   | 20.000 | ng/ul  | 0.02     |
| System Monitoring Compounds   |        |     |     |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.328  | 96  |     | 1408     | 2.789  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.740  | 84  |     | 12222    | 6.804  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.065  | 99  |     | 50078    | 21.582 | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.206  | 67  |     | 31793    | 21.800 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.412  | 132 |     | 41081    | 23.923 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.599  | 113 |     | 36355    | 18.375 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.033  | 128 |     | 20708    | 24.544 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.756  | 143 |     | 23970    | 24.275 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.308 | 165 |     | 47228    | 24.534 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.808 | 131 |     | 24264    | 9.634  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.916 | 166 |     | 147914   | 23.108 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.204 | 160 |     | 162856   | 24.473 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.768 | 143 |     | 14430    | 18.235 | ng/ul  | 0.03     |
| 60) Fluorene-d10              | 15.508 | 176 |     | 132916   | 24.052 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.649 | 200 |     | 16696    | 14.812 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.359 | 188 |     | 222337   | 27.060 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.656 | 212 |     | 251546   | 23.630 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.404 | 264 |     | 222298   | 19.806 | ng/ul  | 0.02     |
| Target Compounds              |        |     |     |          |        |        |          |
|                               |        |     |     |          |        | Qvalue |          |
| 30) Naphthalene               | 10.720 | 128 |     | 6574     | 1.137  | ng/ul  | 95       |
| 52) Acenaphthene              | 14.574 | 153 |     | 10992    | 2.271  | ng/ul  | 92       |
| 56) Dibenzofuran              | 14.909 | 168 |     | 13001    | 1.878  | ng/ul  | 98       |
| 61) Fluorene                  | 15.561 | 166 |     | 15129    | 2.526  | ng/ul  | 96       |
| 72) Phenanthrene              | 17.306 | 178 |     | 334559   | 36.986 | ng/ul  | 99       |
| 74) Anthracene                | 17.394 | 178 |     | 65468    | 7.000  | ng/ul  | 98       |
| 77) Carbazole                 | 17.670 | 167 |     | 33648    | 4.423  | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.223 | 149 |     | 11171    | 1.172  | ng/ul# | 95       |
| 80) Fluoranthene              | 19.327 | 202 |     | 645931   | 50.580 | ng/ul  | 98       |
| 82) Pyrene                    | 19.686 | 202 |     | 448114   | 33.805 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.573 | 149 |     | 4754     | 1.044  | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.501 | 228 |     | 346349   | 24.211 | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.407 | 149 |     | 48863    | 7.249  | ng/ul# | 96       |
| 87) Chrysene                  | 21.566 | 228 |     | 312460   | 23.721 | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 23.640 | 252 |     | 409071   | 29.429 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.693 | 252 |     | 139518m  | 9.887  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 24.468 | 252 |     | 163750   | 12.406 | ng/ul  | 93       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.123 | 276 |     | 114216m  | 7.156  | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.152 | 278 |     | 37286    | 2.833  | ng/ul  | 92       |
| 96) Benzo(g,h,i)perylene      | 29.233 | 276 |     | 16031m   | 1.262  | ng/ul  |          |
| -----                         |        |     |     |          |        |        |          |

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

**Instrument :**

BNA\_G

**ClientSampleId :**

BHBR7

**Manual IntegrationsAPPROVED**

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BNA\_G  
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