

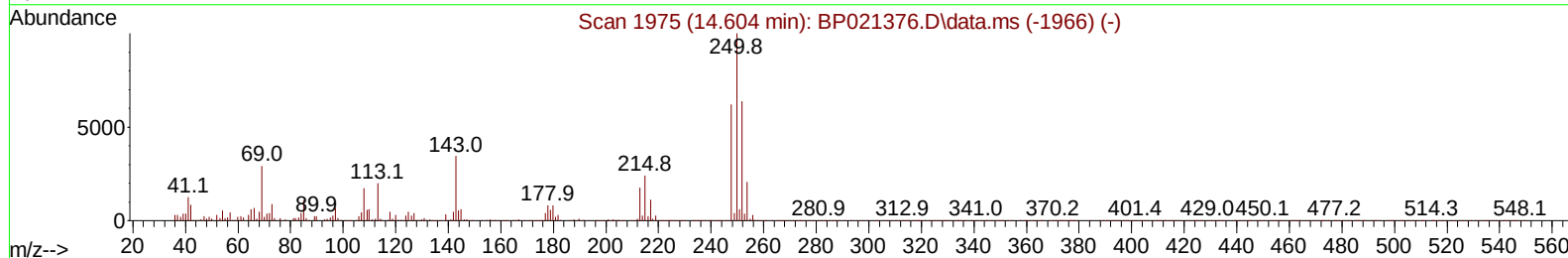
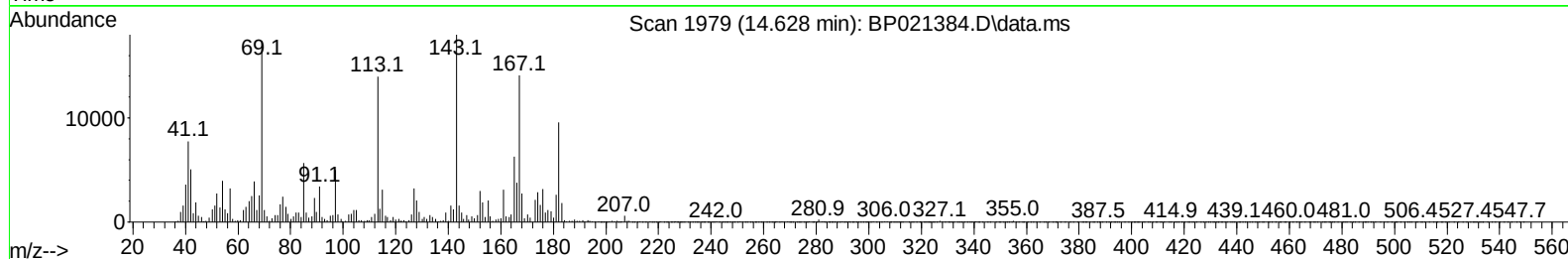
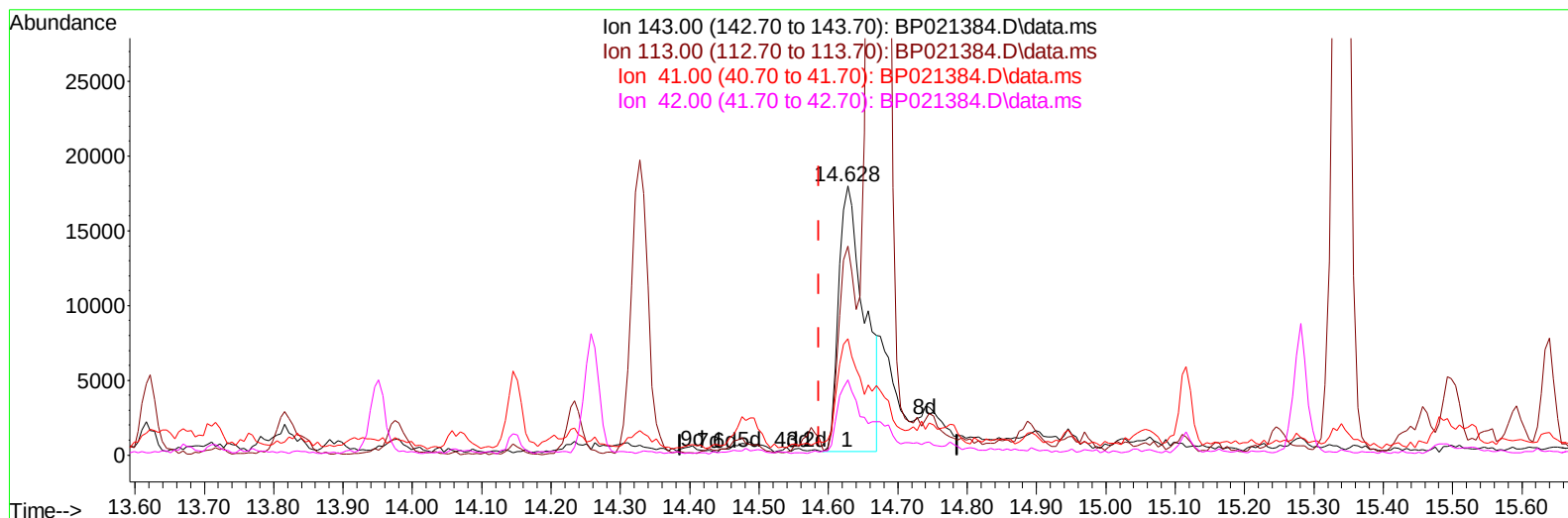
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
Data File : BP021384.D  
Acq On : 06 Aug 2024 00:02  
Operator : CG/JU  
Sample : P3329-07  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
F7E09

Manual IntegrationsAPPROVED

Quant Time: Aug 06 01:21:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jul 29 12:46:18 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



TIC: BP021384.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.628min (+ 0.042) 10.10 ng/ul

response 44920

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 77.72  |
| 41.00  | 37.90  | 43.23  |
| 42.00  | 27.10  | 28.00  |



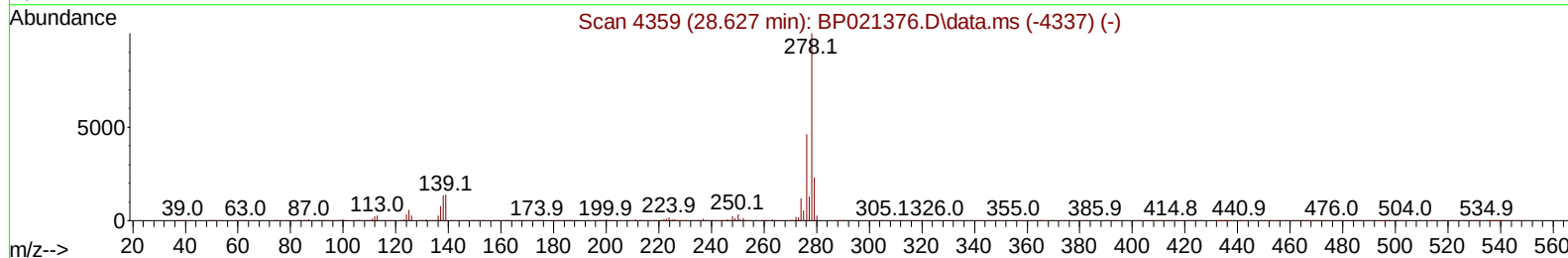
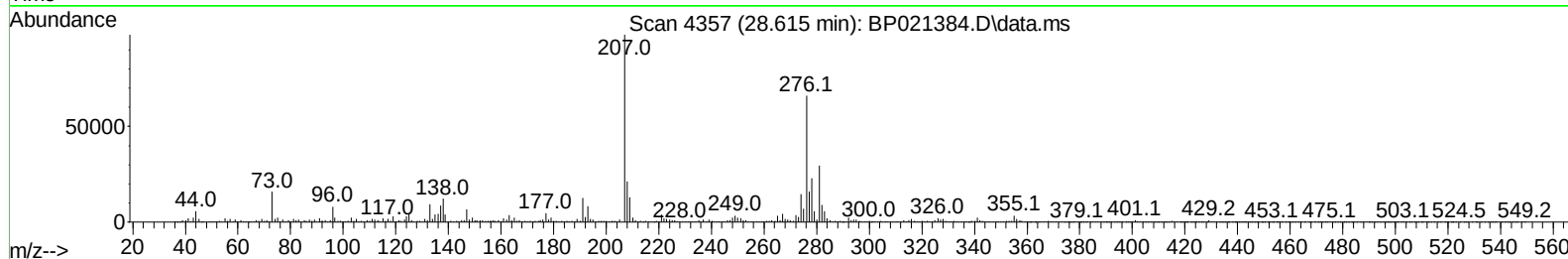
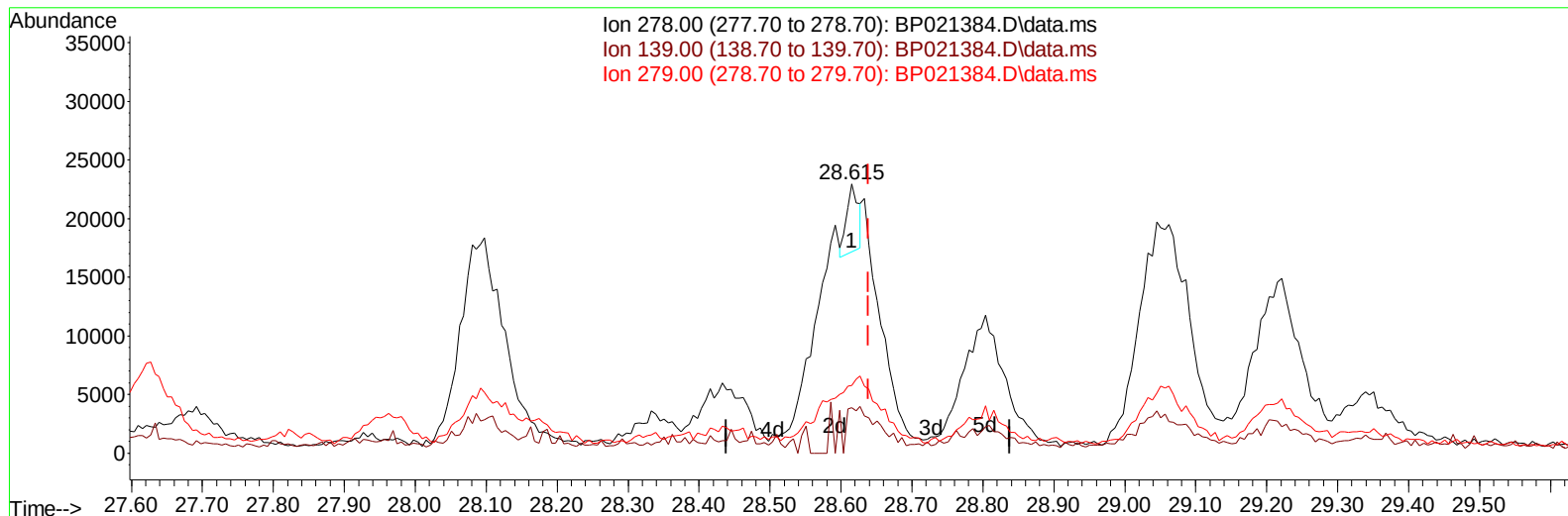
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TIC: BP021384.D\data.ms

(95) Dibenzo(a,h)anthracene

28.615min (-0.023) 0.10 ng/u1

response 6947

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.60  | 16.99# |
| 279.00 | 24.20  | 25.12  |
| 0.00   | 0.00   | 0.00   |

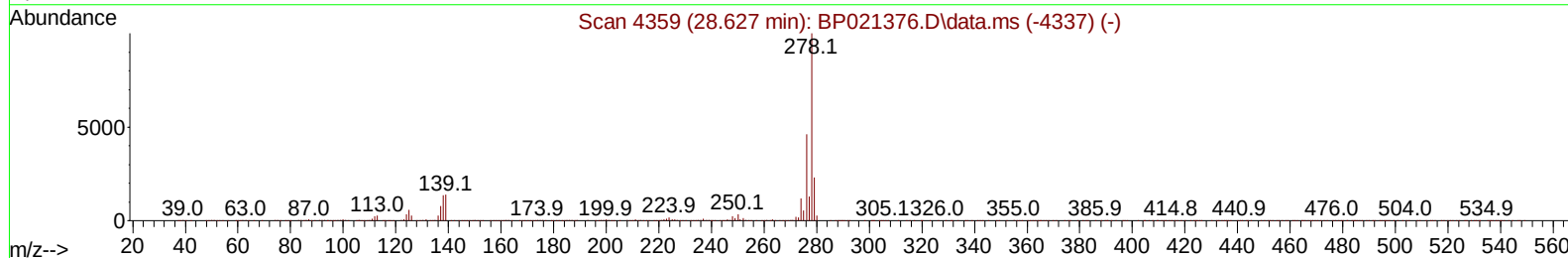
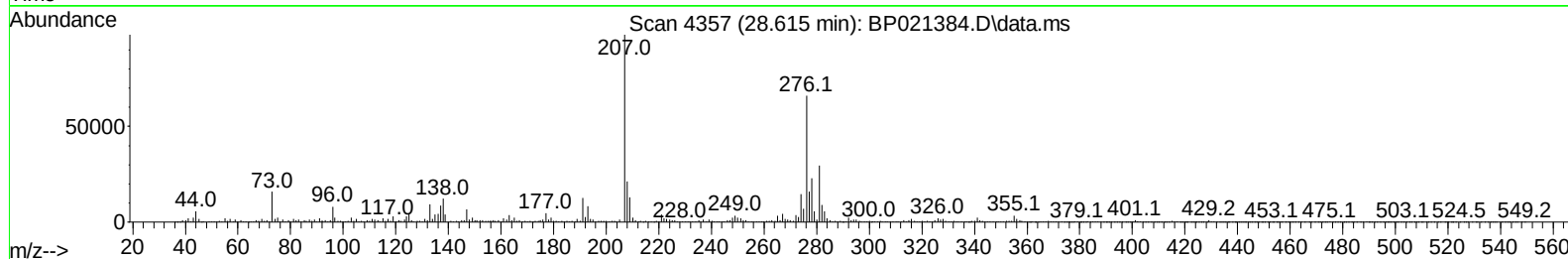
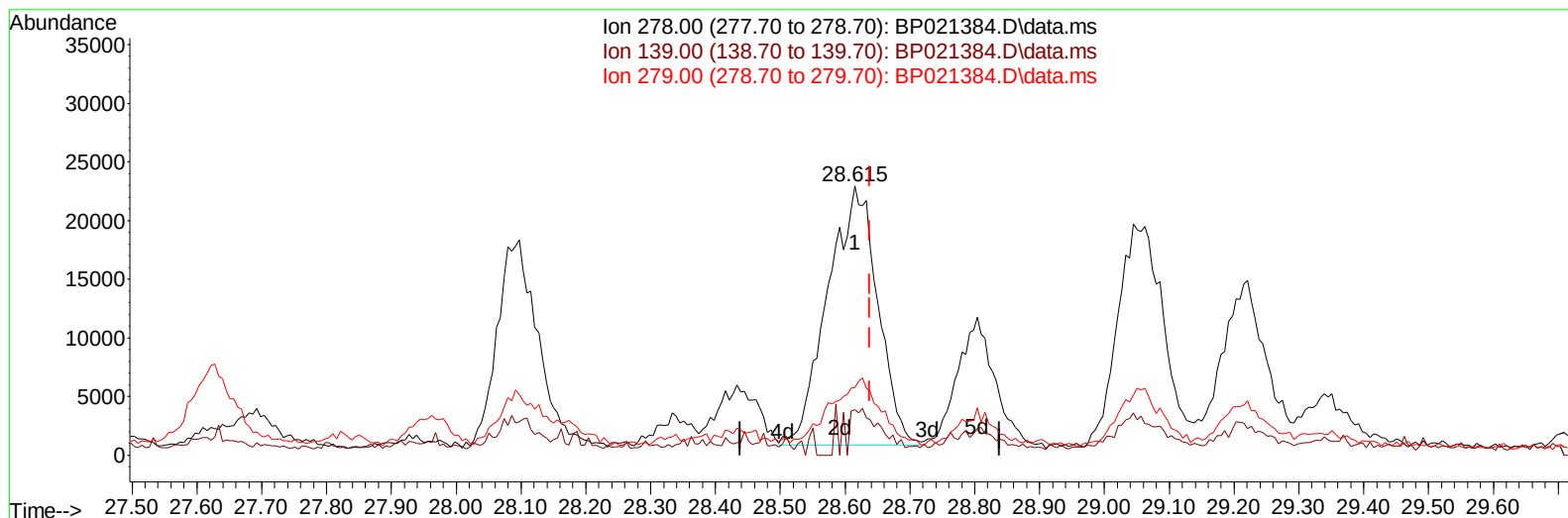
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
 Data File : BP021384.D  
 Acq On : 06 Aug 2024 00:02  
 Operator : CG/JU  
 Sample : P3329-07  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 F7E09

Manual IntegrationsAPPROVED

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TIC: BP021384.D\data.ms

(95) Dibenzo(a,h)anthracene

28.615min (-0.023) 1.70 ng/ul m

response 118441

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.60  | 16.99# |
| 279.00 | 24.20  | 25.12  |
| 0.00   | 0.00   | 0.00   |

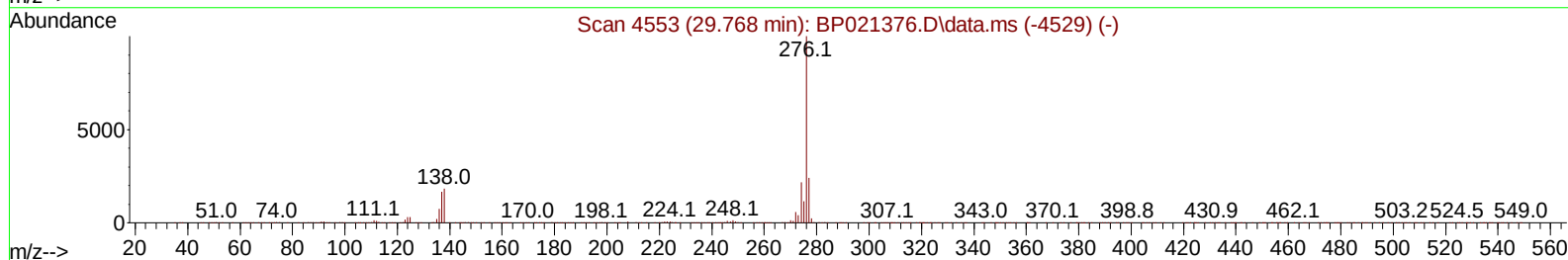
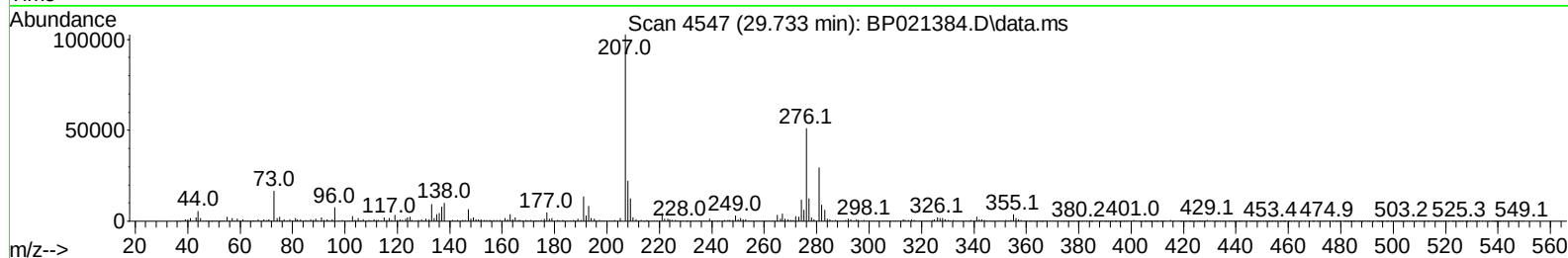
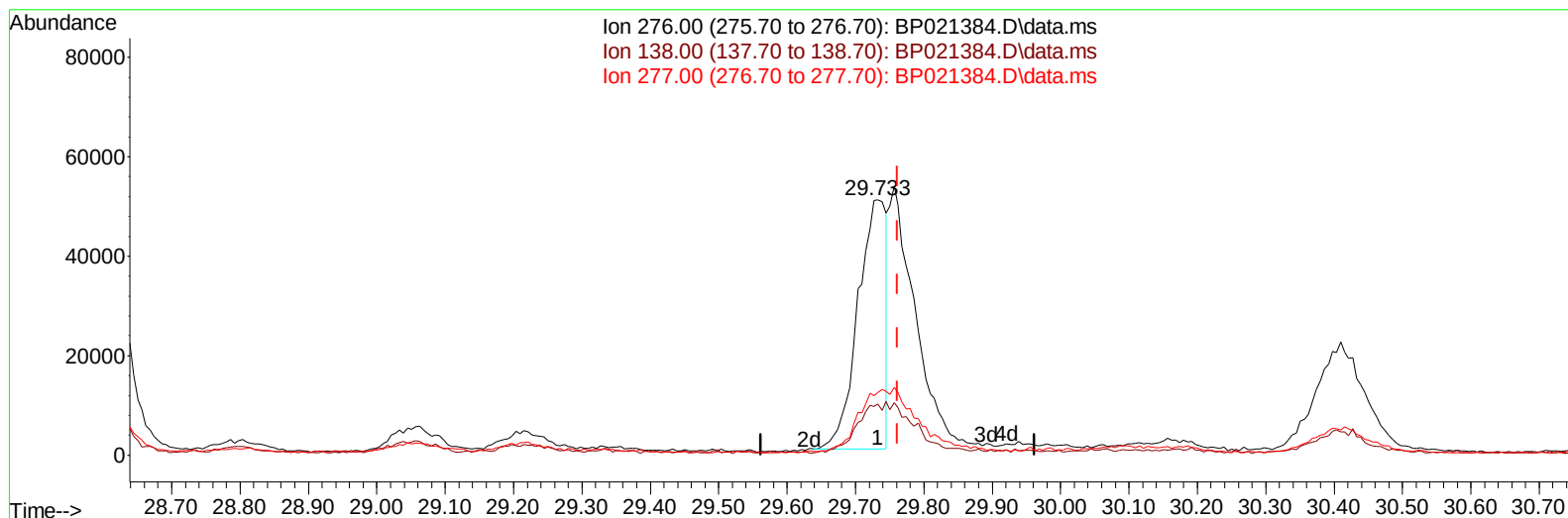
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
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Instrument :  
BNA\_P  
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Manual IntegrationsAPPROVED

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TIC: BP021384.D\data.ms

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

29.733min (-0.029) 2.09 ng/u1

response 143558

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.10  | 20.03  |
| 277.00 | 22.70  | 24.63  |
| 0.00   | 0.00   | 0.00   |

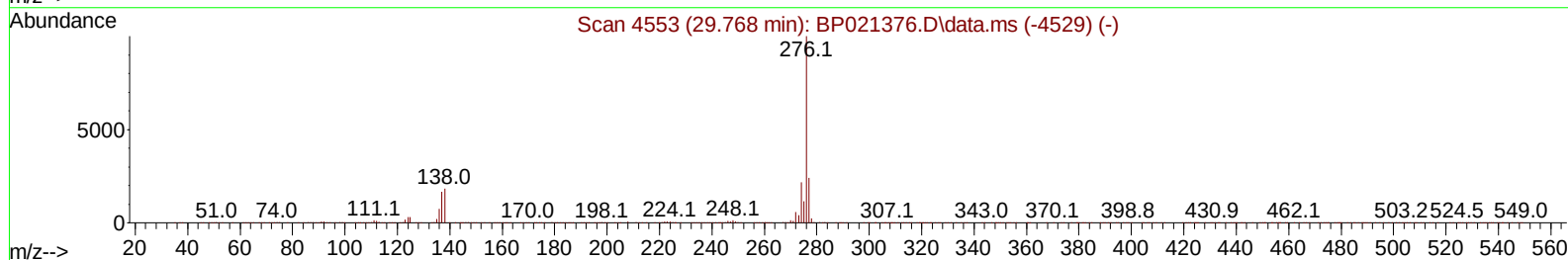
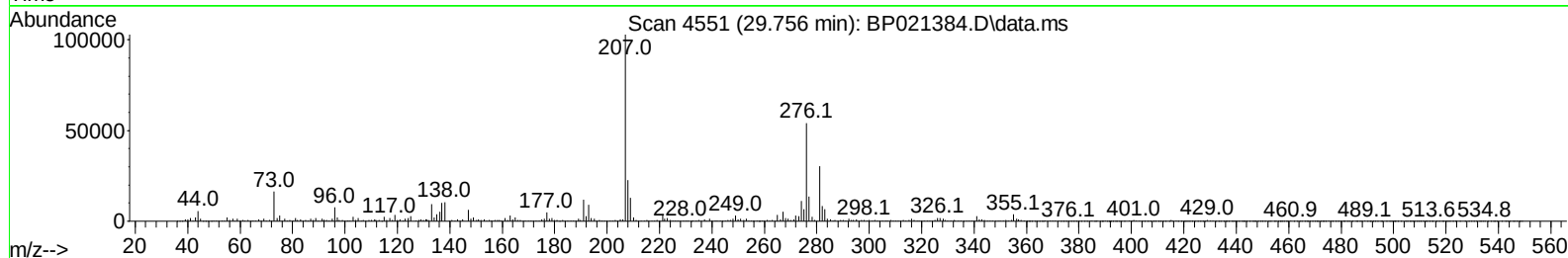
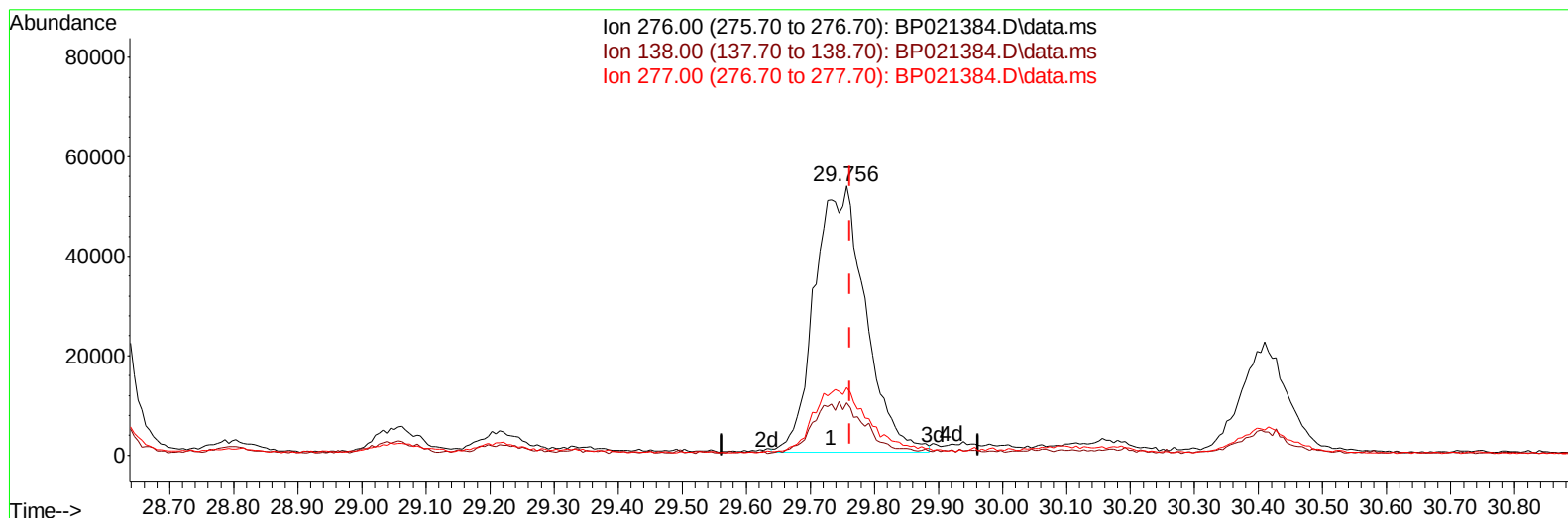
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
Data File : BP021384.D  
Acq On : 06 Aug 2024 00:02  
Operator : CG/JU  
Sample : P3329-07  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
F7E09

Manual IntegrationsAPPROVED

Quant Time: Aug 06 01:21:19 2024  
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TIC: BP021384.D\data.ms

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

29.756min (-0.005) 4.28 ng/ul m

response 293826

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.10  | 19.45  |
| 277.00 | 22.70  | 25.04  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
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 Operator : CG/JU  
 Sample : P3329-07  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 F7E09

Manual IntegrationsAPPROVED

Quant Time: Aug 06 01:23:08 2024  
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Reviewed By :Jagrut Upadhyay 08/06/2024  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.616  | 152  | 148835   | 20.000  | ng/ul  | -0.02    |
| 20) Naphthalene-d8            | 10.375 | 136  | 620678   | 20.000  | ng/ul  | -0.02    |
| 38) Acenaphthene-d10          | 14.263 | 164  | 429804   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.092 | 188  | 938258   | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.533 | 240  | 936028   | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.827 | 264  | 1139527  | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.152  | 96   | 8214     | 2.511   | ng/uL  | -0.02    |
| 4) Pyridine-d5                | 3.599  | 84   | 48150    | 5.085   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.852  | 99   | 169683   | 13.984  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.969  | 67   | 111579   | 15.173  | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.181  | 132  | 149972   | 15.001  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.363  | 113  | 156580   | 15.537  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.781  | 128  | 77985    | 16.176  | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.493  | 143  | 84357    | 15.288  | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.063 | 165  | 150689   | 15.103  | ng/ul  | 0.01     |
| 31) 4-Chloroaniline-d4        | 10.557 | 131  | 231229   | 17.494  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.675 | 166  | 520877   | 16.671  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.951 | 160  | 595873   | 16.985  | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.628 | 143  | 67037m   | 15.080  | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 15.281 | 176  | 466999   | 18.219  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.487 | 200  | 37508    | 6.607   | ng/ul  | 0.02     |
| 73) Anthracene-d10            | 17.192 | 188  | 743370   | 17.838  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.569 | 212  | 889537   | 15.372  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.598 | 264  | 1033642  | 18.392  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.434 | 128  | 18582162 | 569.165 | ng/ul  | 95       |
| 36) 2-Methylnaphthalene       | 12.046 | 142  | 5157760  | 230.145 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.275 | 142  | 2551113  | 110.681 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.081 | 154  | 1451412  | 46.207  | ng/ul  | 98       |
| 50) Acenaphthylene            | 13.981 | 152  | 382270   | 9.624   | ng/ul# | 95       |
| 52) Acenaphthene              | 14.328 | 153  | 4425106  | 167.844 | ng/ul  | 99       |
| 56) Dibenzofuran              | 14.675 | 168  | 4969127  | 137.636 | ng/ul  | 97       |
| 61) Fluorene                  | 15.340 | 166  | 4994582  | 169.529 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.139 | 178  | 17296659 | 355.364 | ng/ul  | 96       |
| 74) Anthracene                | 17.228 | 178  | 3285572  | 66.214  | ng/ul  | 100      |
| 77) Carbazole                 | 17.528 | 167  | 1601340  | 39.478  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.233 | 202  | 12917171 | 184.833 | ng/ul  | 98       |
| 82) Pyrene                    | 19.610 | 202  | 9212094  | 129.538 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.510 | 228  | 3265491  | 49.802  | ng/ul  | 99       |
| 87) Chrysene                  | 21.575 | 228  | 2427076  | 39.835  | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.780 | 252  | 1819705  | 26.315  | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.851 | 252  | 738121   | 10.696  | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.668 | 252  | 1153535  | 17.652  | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.586 | 276  | 397715   | 4.723   | ng/ul# | 94       |
| 95) Dibenzo(a,h)anthracene    | 28.615 | 278  | 118441m  | 1.699   | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 29.756 | 276  | 293826m  | 4.285   | ng/ul  |          |
| -----                         |        |      |          |         |        |          |

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| Compound | R.T. | Q | Ion | Response | Conc | Units | Dev | (Min) |
|----------|------|---|-----|----------|------|-------|-----|-------|
|----------|------|---|-----|----------|------|-------|-----|-------|

-----

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



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