

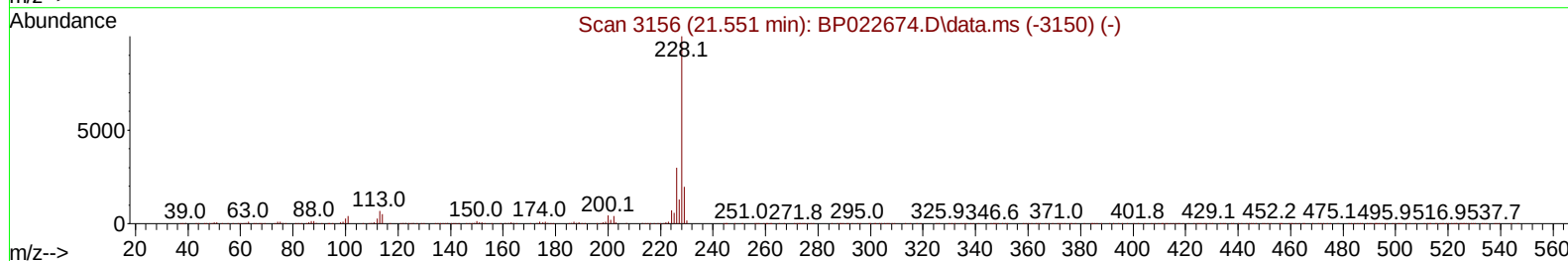
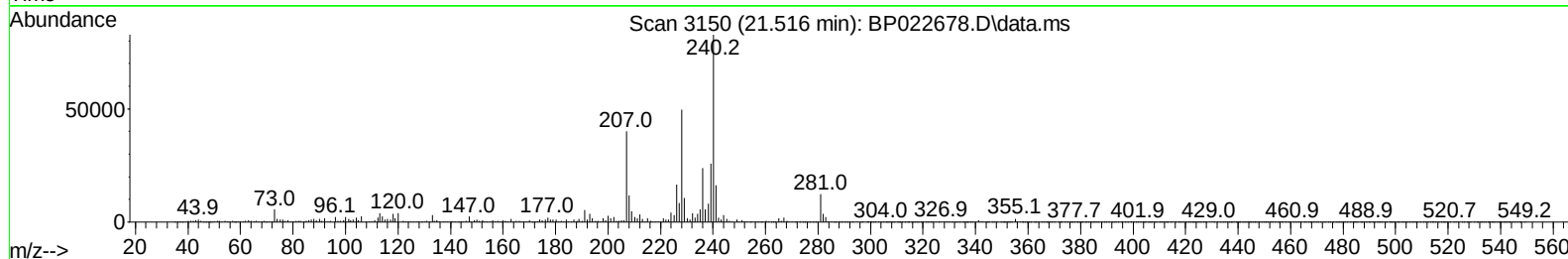
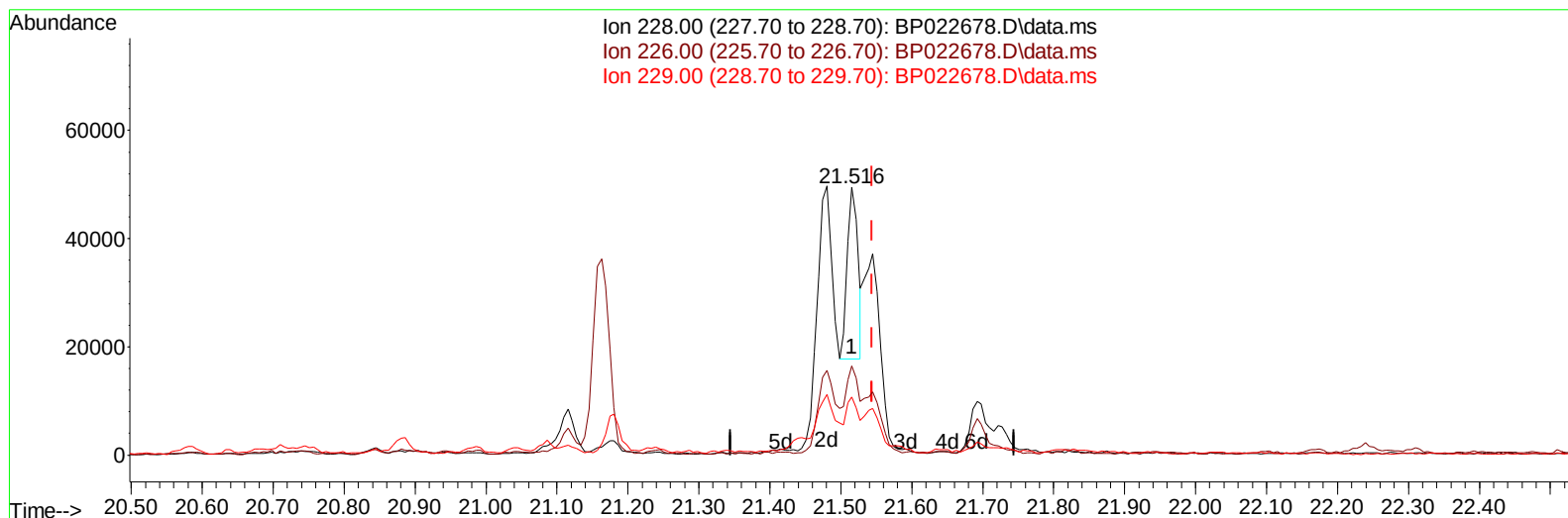
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102824\  
Data File : BP022678.D  
Acq On : 28 Oct 2024 13:38  
Operator : RC/JU  
Sample : P4529-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
F7H14

Manual IntegrationsAPPROVED

Quant Time: Oct 28 14:09:31 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Oct 26 05:55:04 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/29/2024  
Supervised By :mohammad ahmed 10/30/2024



TIC: BP022678.D\data.ms

(87) Chrysene

21.516min (-0.029) 0.86 ng/u1

response 34173

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.80  | 33.38  |
| 229.00 | 19.40  | 21.76  |
| 0.00   | 0.00   | 0.00   |

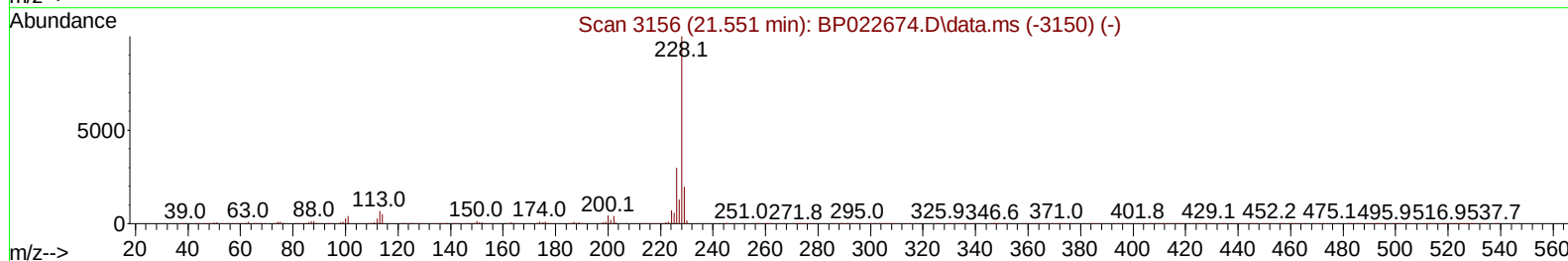
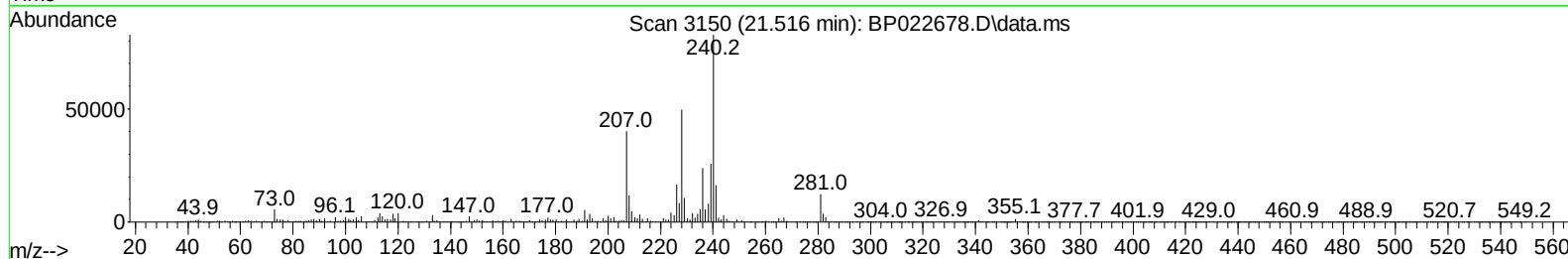
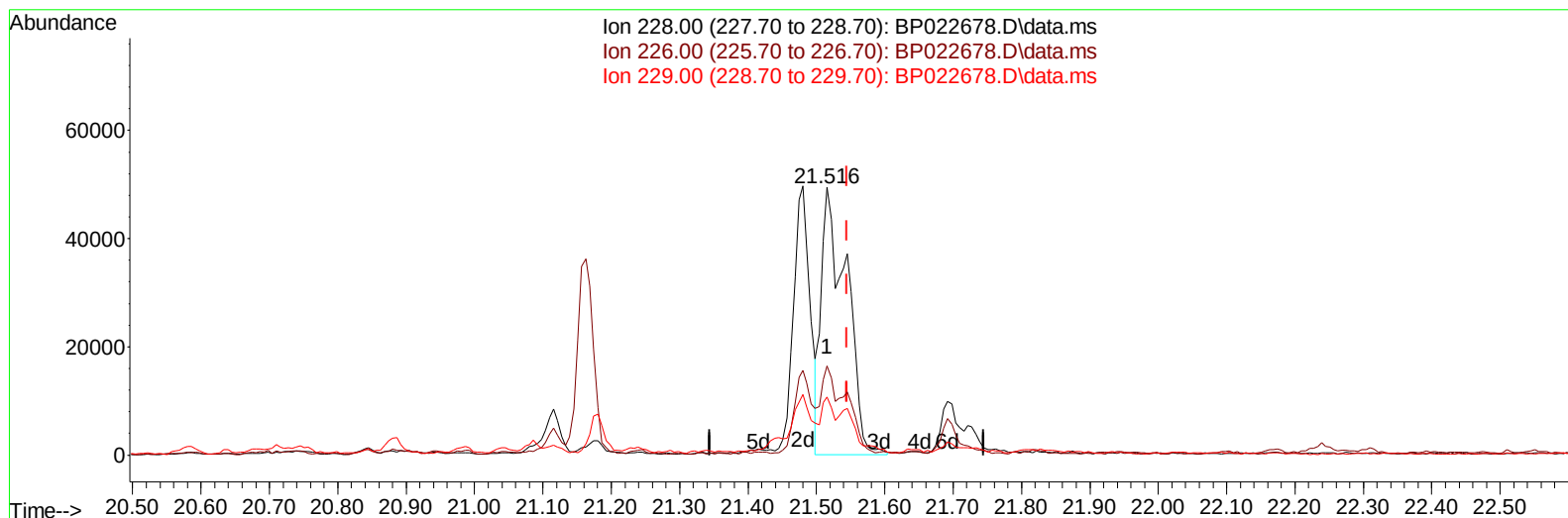
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TIC: BP022678.D\data.ms

(87) Chrysene

21.516min (-0.029) 3.18 ng/ul m

response 125956

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.80  | 33.38  |
| 229.00 | 19.40  | 21.76  |
| 0.00   | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

Quant Time: Oct 28 15:30:39 2024  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 26 05:55:04 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.646  | 152  | 70376    | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.404 | 136  | 265622   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.257 | 164  | 210327   | 20.000 | ng/ul  | -0.02    |
| 64) Phenanthrene-d10          | 17.057 | 188  | 530322   | 20.000 | ng/ul  | -0.02    |
| 79) Chrysene-d12              | 21.498 | 240  | 609768   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.757 | 264  | 779817   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.187  | 96   | 6066     | 3.350  | ng/uL  | -0.01    |
| 4) Pyridine-d5                | 3.599  | 84   | 78338    | 15.757 | ng/ul  | -0.01    |
| 7) Phenol-d5                  | 6.840  | 99   | 95673    | 16.150 | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 6.987  | 67   | 58534    | 16.811 | ng/ul  | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.193  | 132  | 73610    | 17.511 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.352  | 113  | 78318    | 16.566 | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 8.793  | 128  | 35484    | 17.374 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.504  | 143  | 42332    | 17.903 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.046 | 165  | 84878    | 16.889 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.546 | 131  | 95571    | 16.094 | ng/ul  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.669 | 166  | 303445   | 18.158 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 13.945 | 160  | 309615   | 17.444 | ng/ul  | -0.02    |
| 54) 4-Nitrophenol-d4          | 14.510 | 143  | 35127    | 12.530 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.269 | 176  | 266731   | 18.402 | ng/ul  | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.422 | 200  | 45955    | 13.176 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.175 | 188  | 441078   | 17.680 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.539 | 212  | 563412   | 17.472 | ng/ul  | -0.02    |
| 92) Benzo(a)pyrene-d12        | 24.521 | 264  | 758002   | 18.201 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.192 | 202  | 69260    | 1.868  | ng/ul  | 99       |
| 82) Pyrene                    | 19.569 | 202  | 334654   | 8.423  | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.480 | 228  | 82328    | 1.926  | ng/ul  | 92       |
| 87) Chrysene                  | 21.516 | 228  | 125956m  | 3.178  | ng/ul  |          |
| 90) Benzo(b)fluoranthene      | 23.715 | 252  | 361164   | 7.358  | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.780 | 252  | 113647   | 2.365  | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.592 | 252  | 172754   | 3.824  | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.451 | 276  | 82948    | 1.376  | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 29.592 | 276  | 58981    | 1.258  | ng/ul  | 98       |
| -----                         |        |      |          |        |        |          |

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

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