

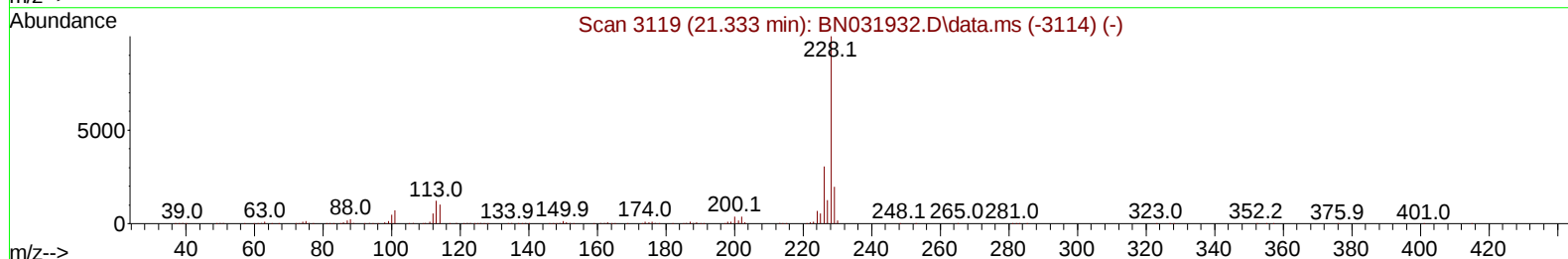
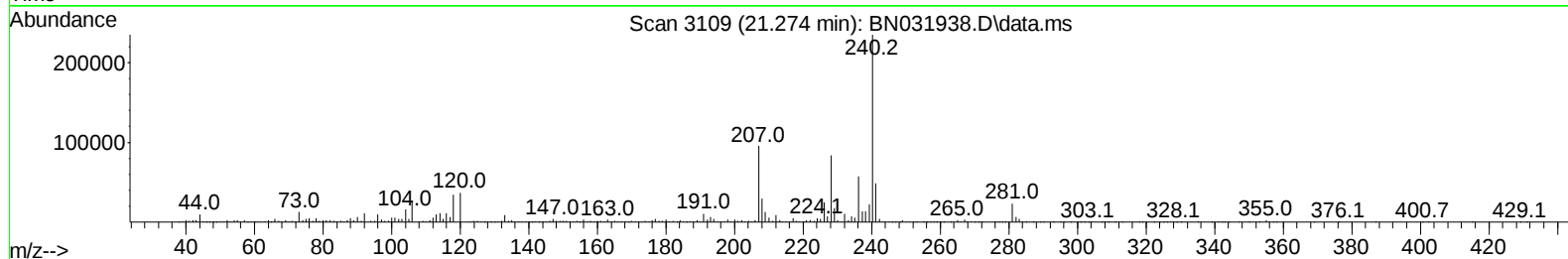
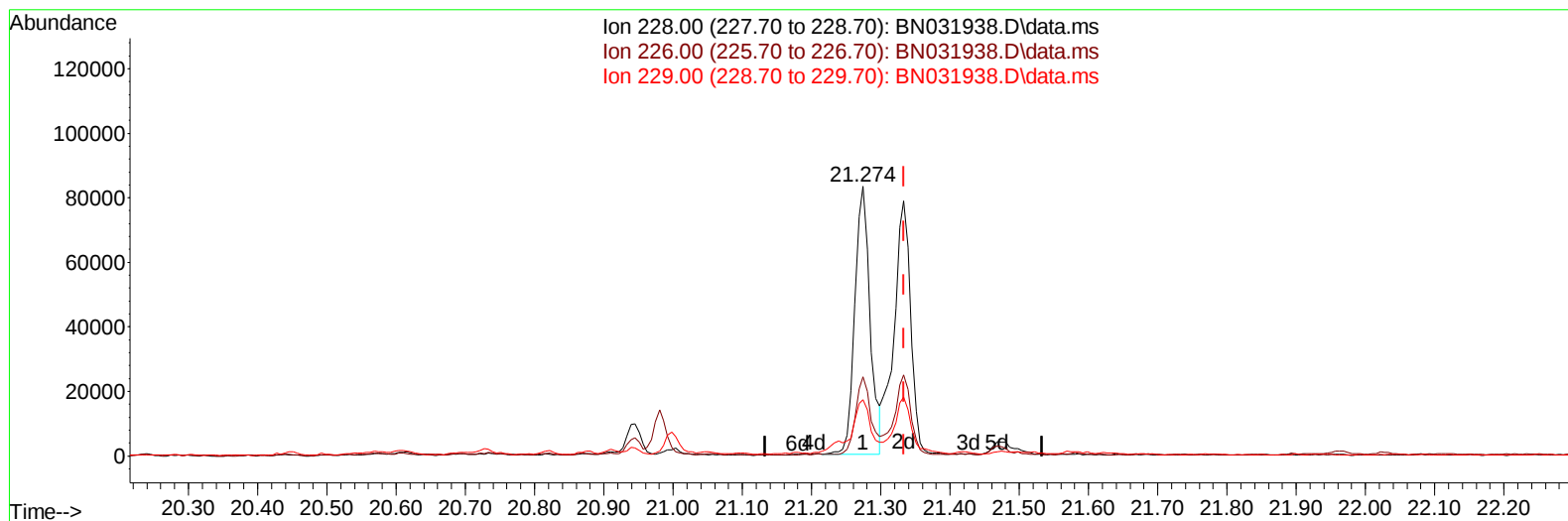
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061224\  
Data File : BN031938.D  
Acq On : 12 Jun 2024 12:46  
Operator : MA/JU  
Sample : P2678-07  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BH676

Manual IntegrationsAPPROVED

Quant Time: Jun 12 22:52:11 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 11 22:28:10 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/13/2024  
Supervised By :mohammad ahmed 06/14/2024



TIC: BN031938.D\data.ms

(87) Chrysene

21.274min (-0.059) 1.40 ng/u1

response 126826

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.60  | 29.45  |
| 229.00 | 18.90  | 20.98  |
| 0.00   | 0.00   | 0.00   |

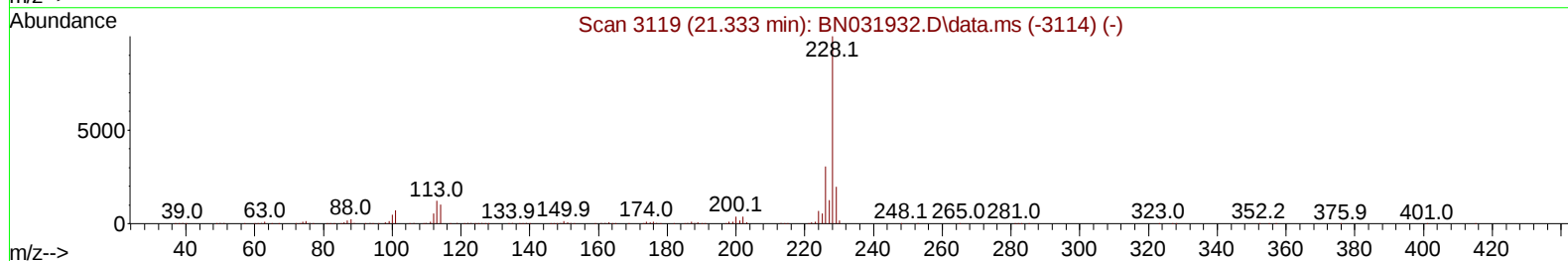
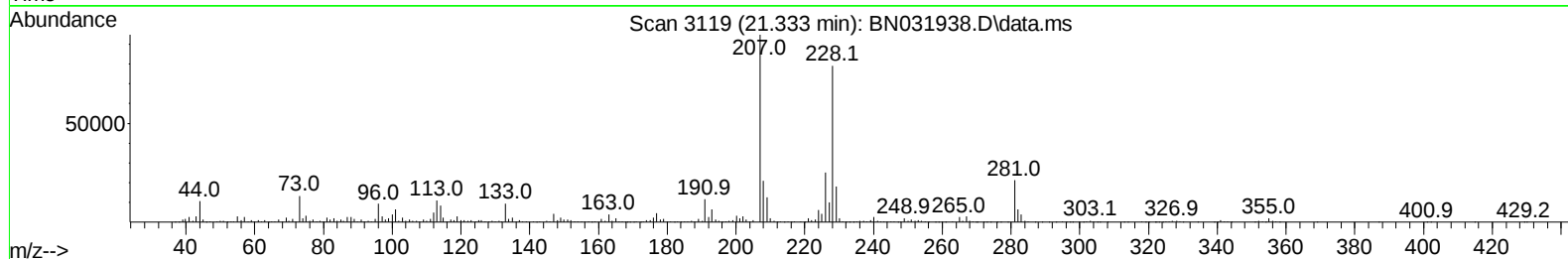
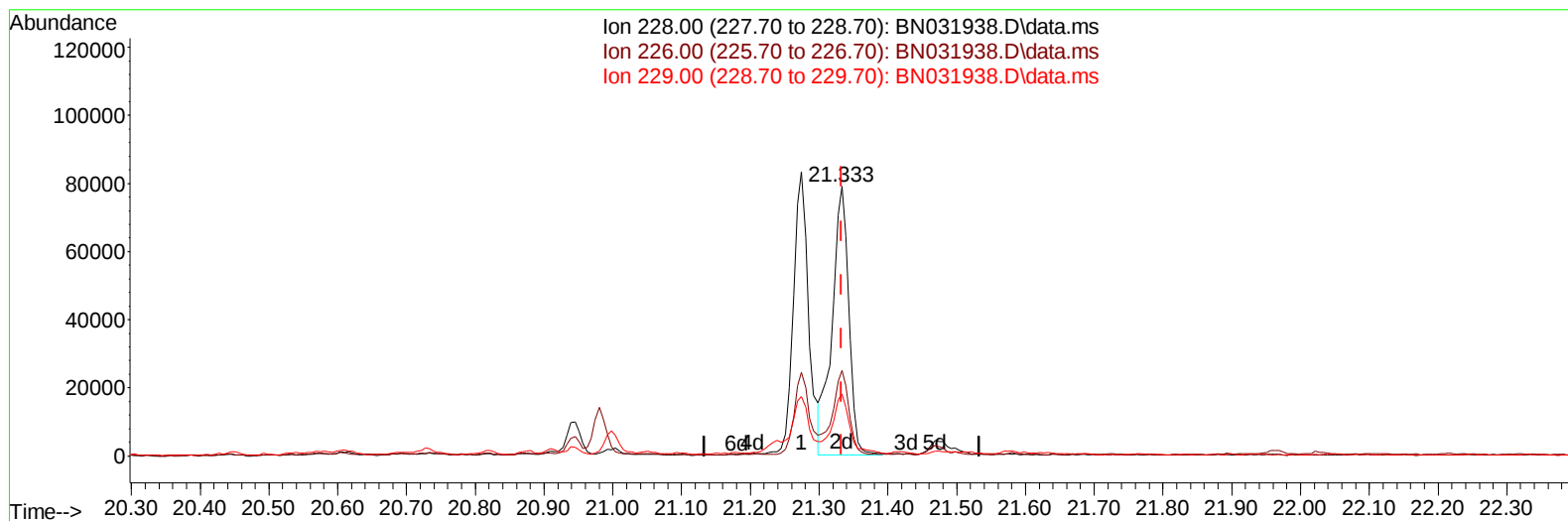
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TIC: BN031938.D\data.ms

(87) Chrysene

21.333min (+ 0.000) 1.48 ng/u1 m

response 134351

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.60  | 31.84  |
| 229.00 | 18.90  | 23.00# |
| 0.00   | 0.00   | 0.00   |

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## Manual IntegrationsAPPROVED

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Quant Time: Jun 12 23:08:41 2024  
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 QLast Update : Tue Jun 11 22:28:10 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.657  | 152  | 291675   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.440 | 136  | 1352615  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.304 | 164  | 904340   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.051 | 188  | 1886424  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.292 | 240  | 1452233  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.221 | 264  | 1264560  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.175  | 96   | 35252    | 5.000  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.587  | 84   | 123849   | 6.240  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.834  | 99   | 827730   | 33.103 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.005  | 67   | 481061   | 32.891 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.193  | 132  | 663483   | 34.775 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.369  | 113  | 675303   | 33.131 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.816  | 128  | 359390   | 34.750 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.534  | 143  | 390590   | 36.561 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.063 | 165  | 679778   | 34.084 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.587 | 131  | 874580   | 29.534 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 2229223  | 35.384 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.998 | 160  | 2563986  | 35.393 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.522 | 143  | 382445   | 30.318 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.298 | 176  | 1890853  | 35.471 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.428 | 200  | 288398   | 30.415 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.151 | 188  | 2927118  | 36.244 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.451 | 212  | 2913185  | 37.487 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.015 | 264  | 1539044  | 25.488 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.092 | 178  | 114671   | 1.193  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.116 | 202  | 268979   | 2.896  | ng/ul  | 99       |
| 82) Pyrene                    | 19.480 | 202  | 223207   | 2.342  | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.274 | 228  | 126709   | 1.304  | ng/ul  | 99       |
| 87) Chrysene                  | 21.333 | 228  | 134351m  | 1.480  | ng/ul  |          |
| 90) Benzo(b)fluoranthene      | 23.298 | 252  | 132252   | 1.750  | ng/ul# | 97       |
| -----                         |        |      |          |        |        |          |

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

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