

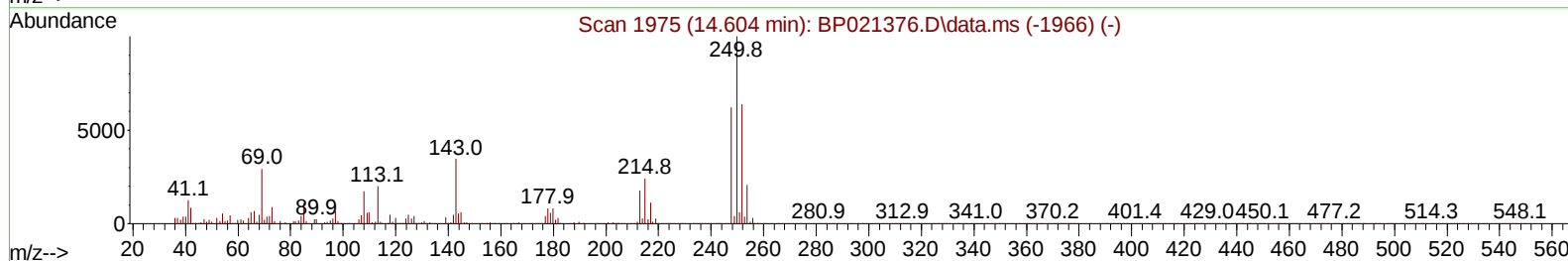
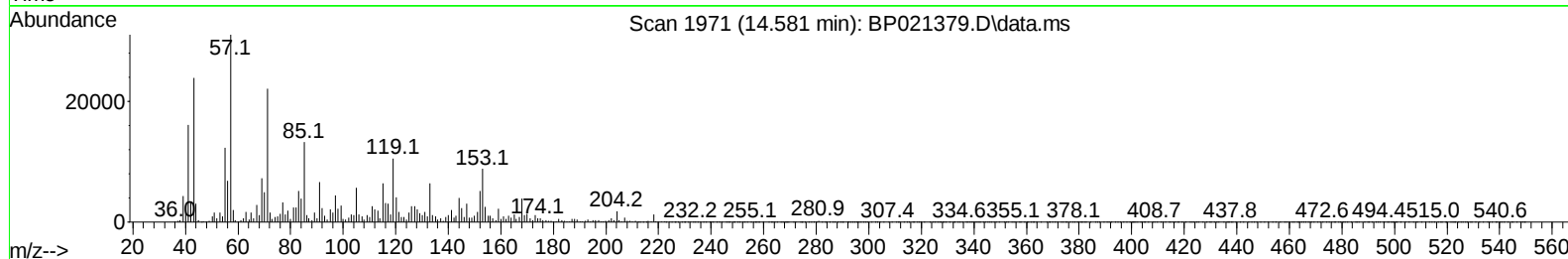
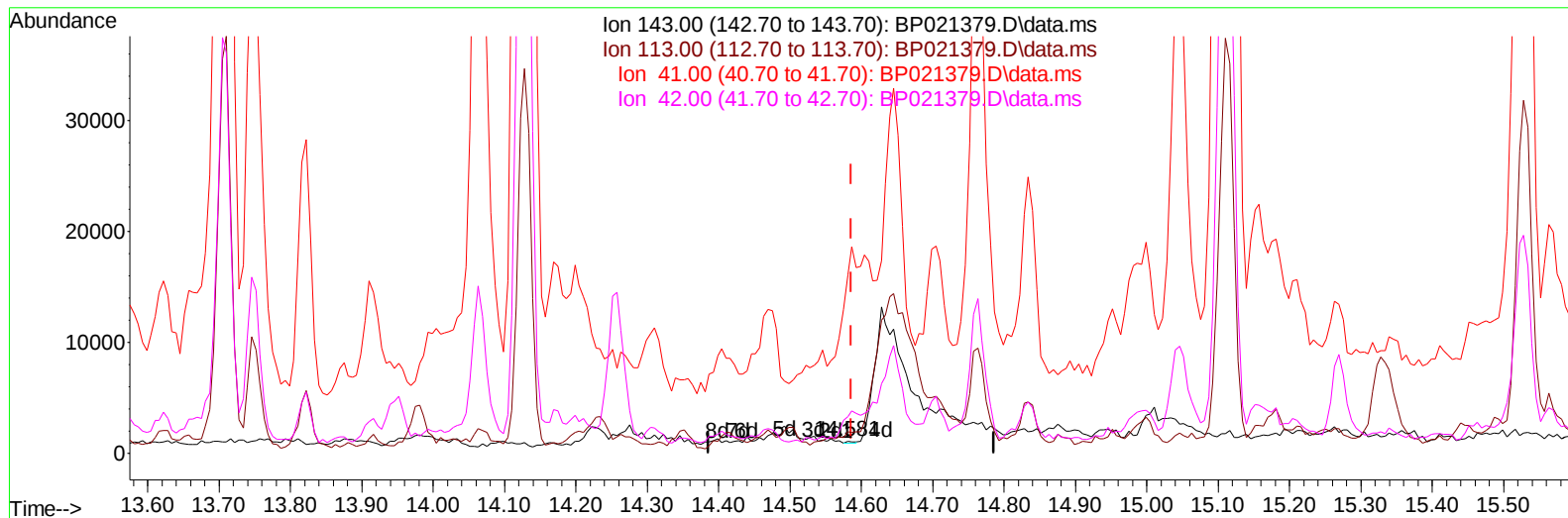
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
Data File : BP021379.D  
Acq On : 05 Aug 2024 20:06  
Operator : CG/JU  
Sample : P3329-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
F7E00

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:03 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: BP021379.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.581min (-0.005) 0.02 ng/u1

response 139

| Ion    | Exp%   | Act%     |
|--------|--------|----------|
| 143.00 | 100.00 | 100.00   |
| 113.00 | 74.70  | 177.07#  |
| 41.00  | 37.90  | 1496.29# |
| 42.00  | 27.10  | 308.36#  |

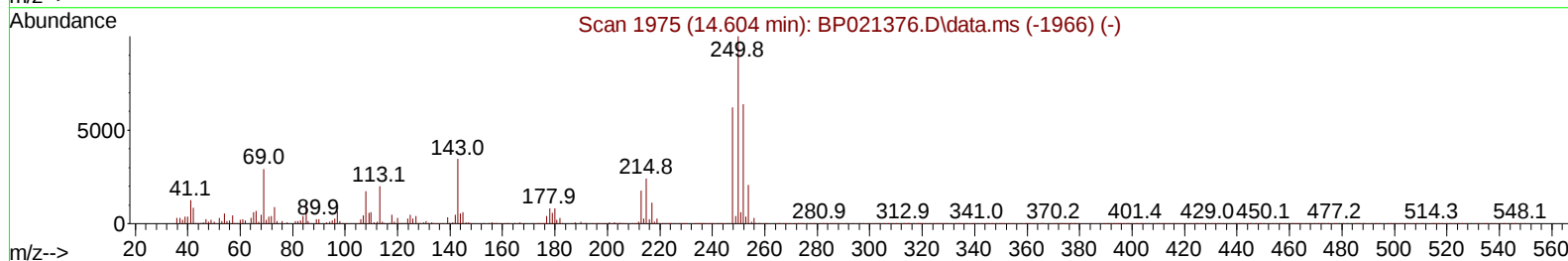
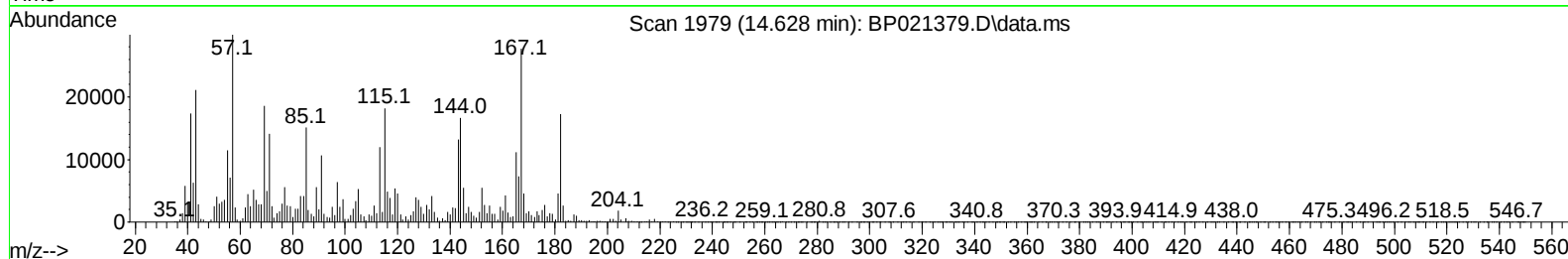
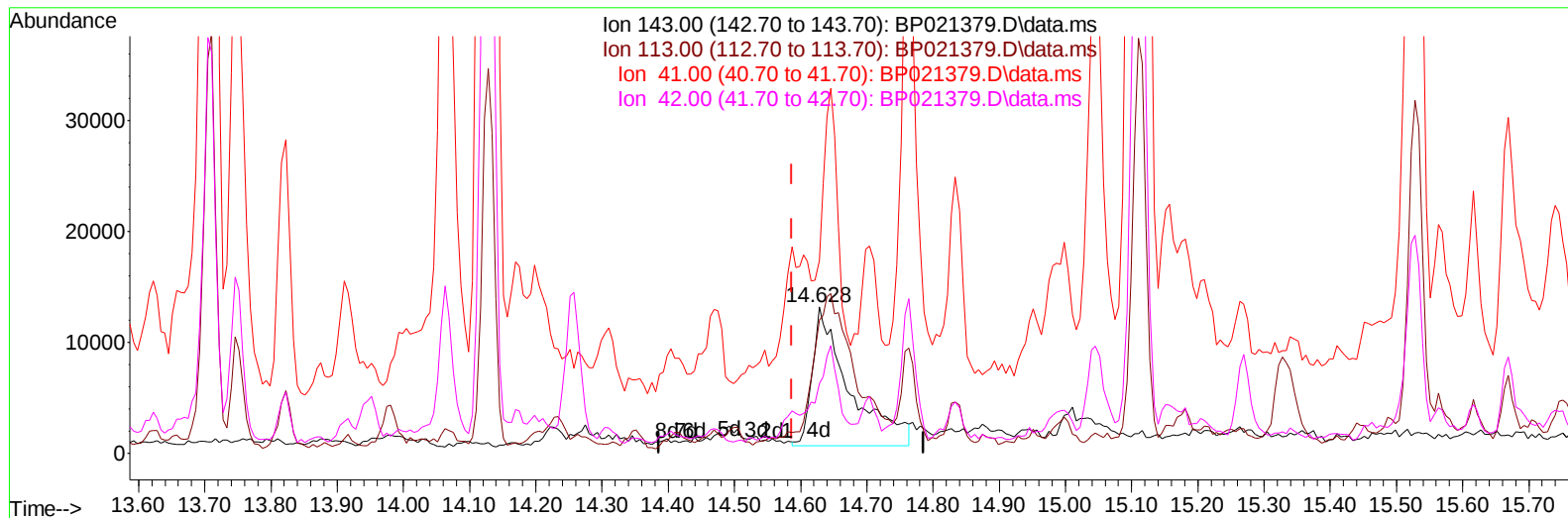
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
Data File : BP021379.D  
Acq On : 05 Aug 2024 20:06  
Operator : CG/JU  
Sample : P3329-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
F7E00

Manual IntegrationsAPPROVED

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TIC: BP021379.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.628min (+ 0.042) 6.72 ng/ul m

response 48455

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 74.70  | 90.86#  |
| 41.00  | 37.90  | 131.85# |
| 42.00  | 27.10  | 47.56#  |

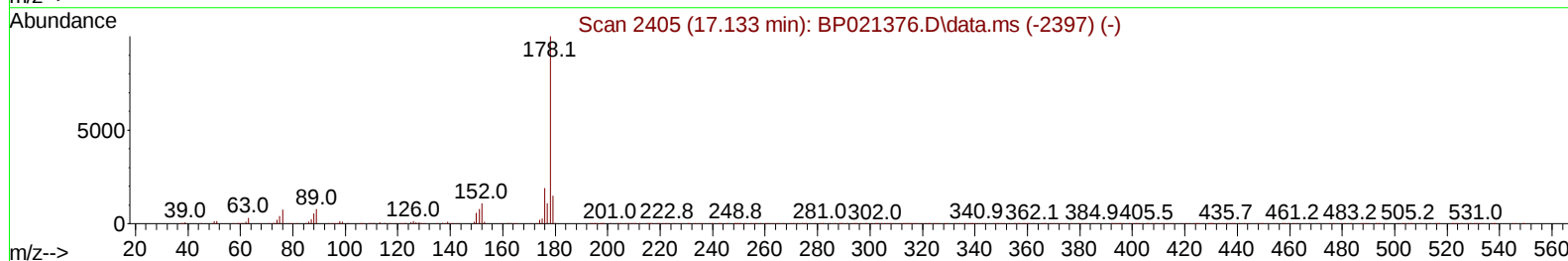
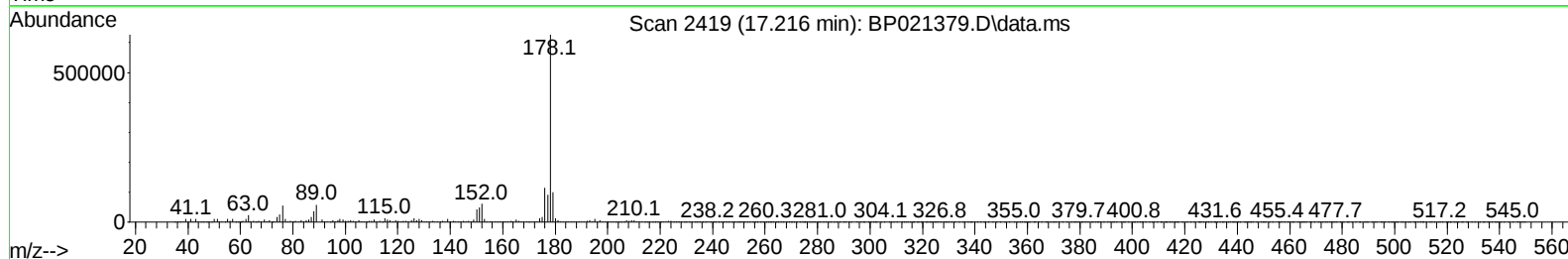
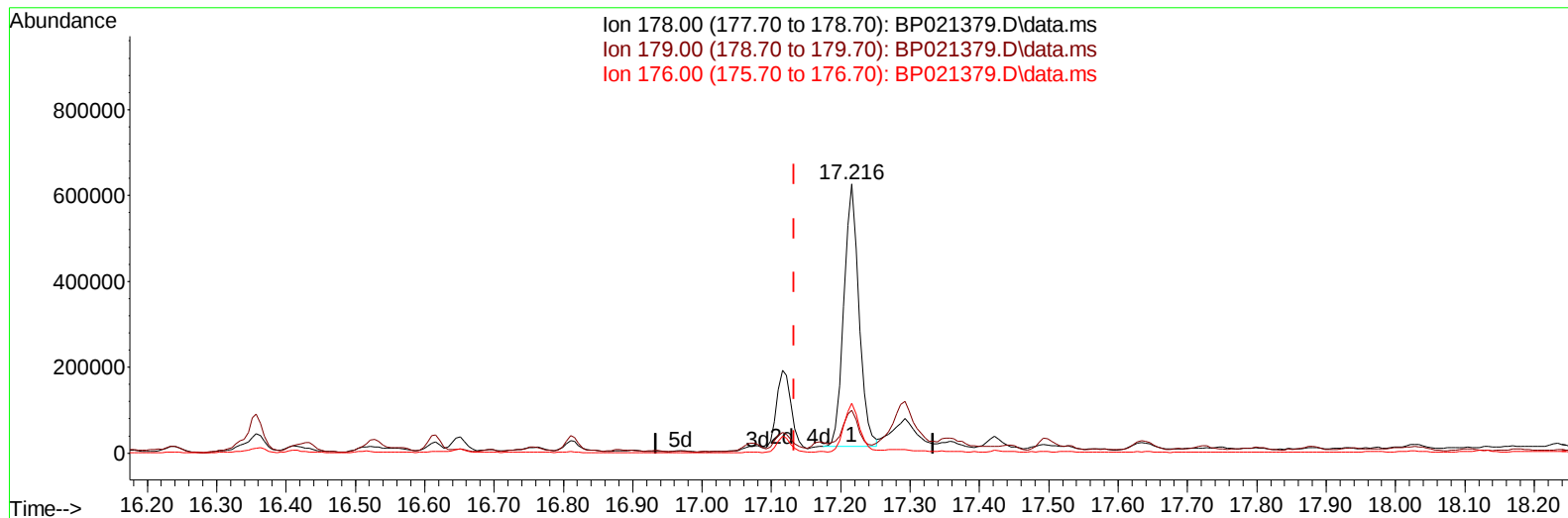
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
F7E00

Manual IntegrationsAPPROVED

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TIC: BP021379.D\data.ms

(72) Phenanthrene

17.216min (+ 0.083) 13.65 ng/u1

response 918317

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.30  | 15.94  |
| 176.00 | 18.70  | 18.42  |
| 0.00   | 0.00   | 0.00   |

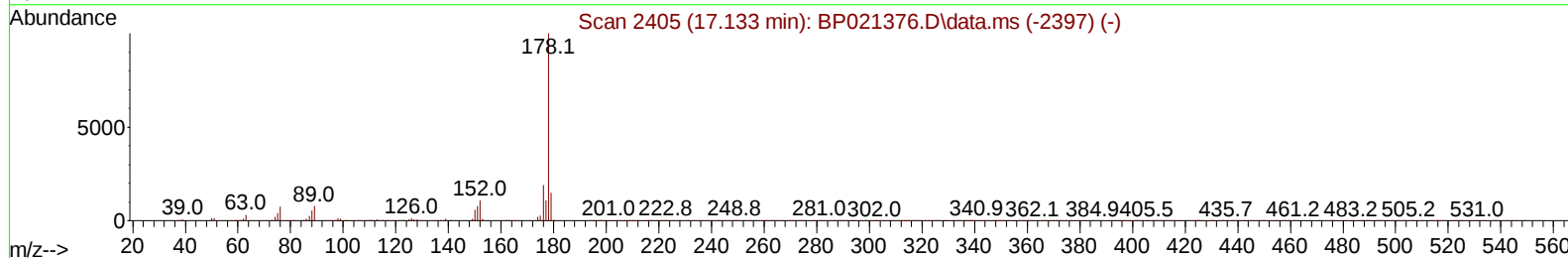
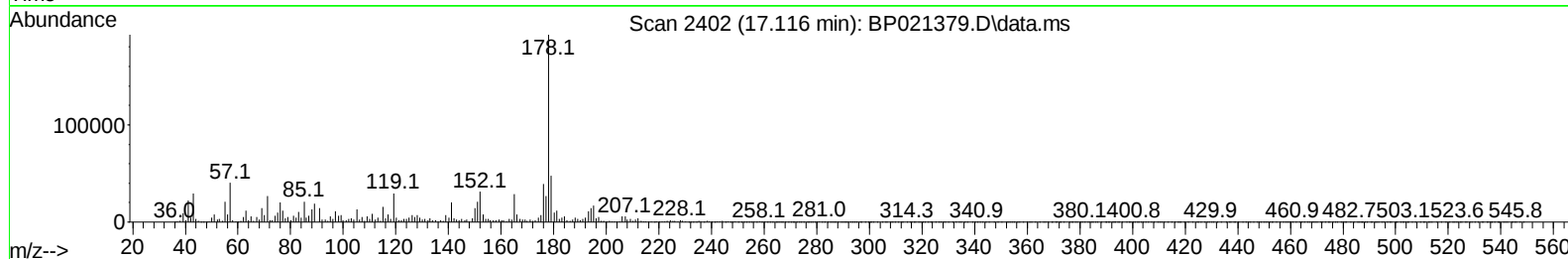
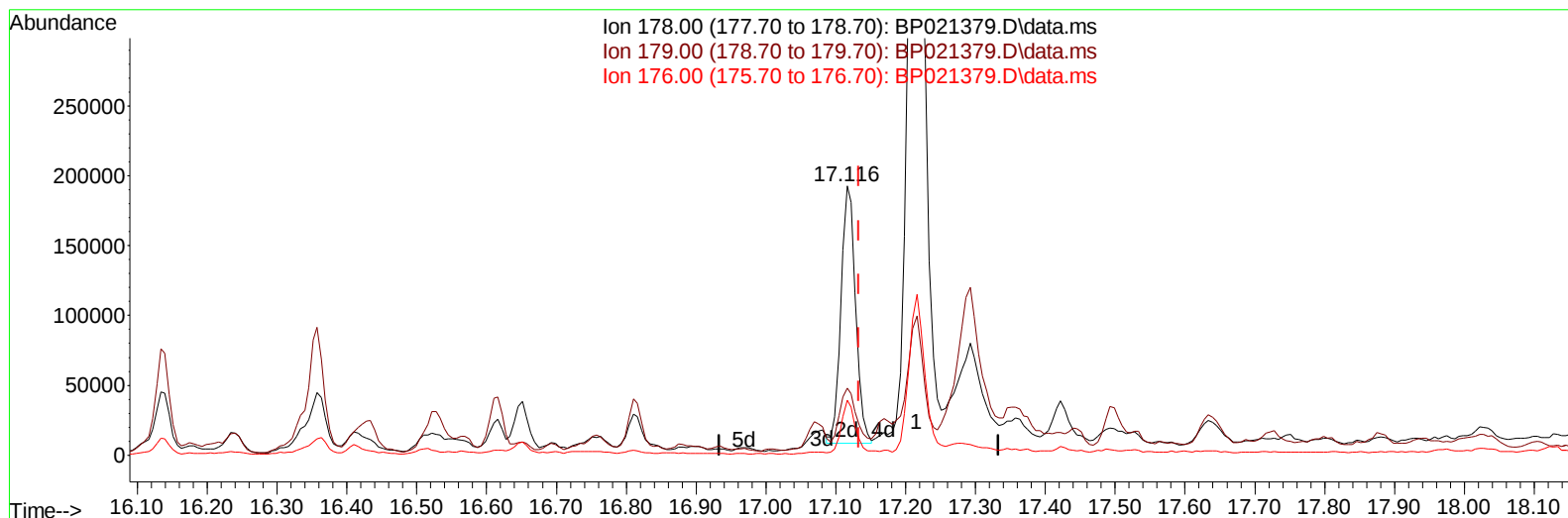
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
 Data File : BP021379.D  
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 Operator : CG/JU  
 Sample : P3329-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 F7E00

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:03 2024  
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 Supervised By :mohammad ahmed 08/07/2024



TIC: BP021379.D\data.ms

(72) Phenanthrene

17.116min (-0.017) 4.02 ng/u1 m

response 270768

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.30  | 24.87# |
| 176.00 | 18.70  | 20.43  |
| 0.00   | 0.00   | 0.00   |

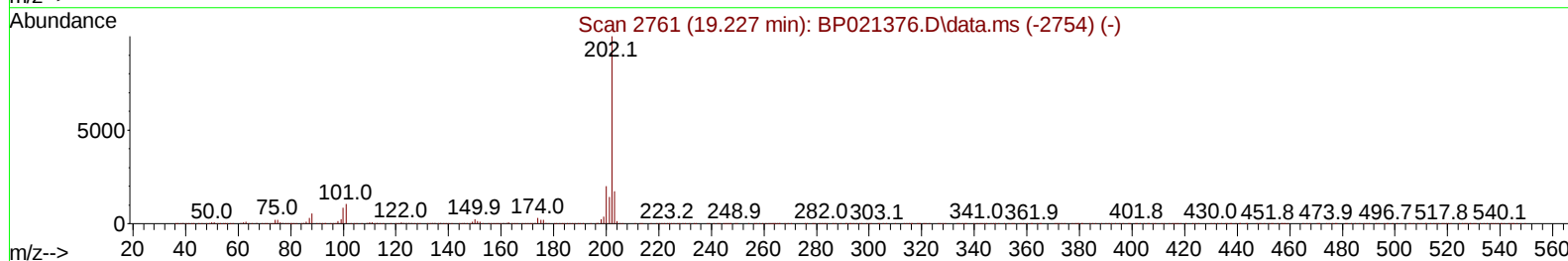
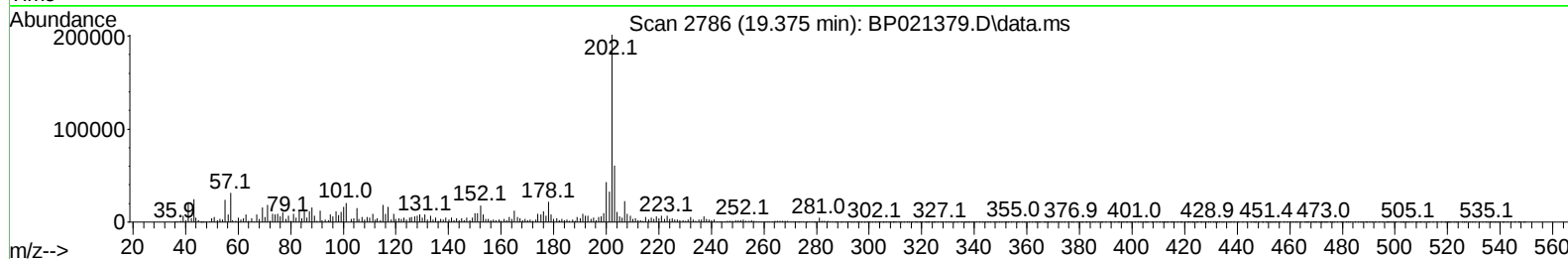
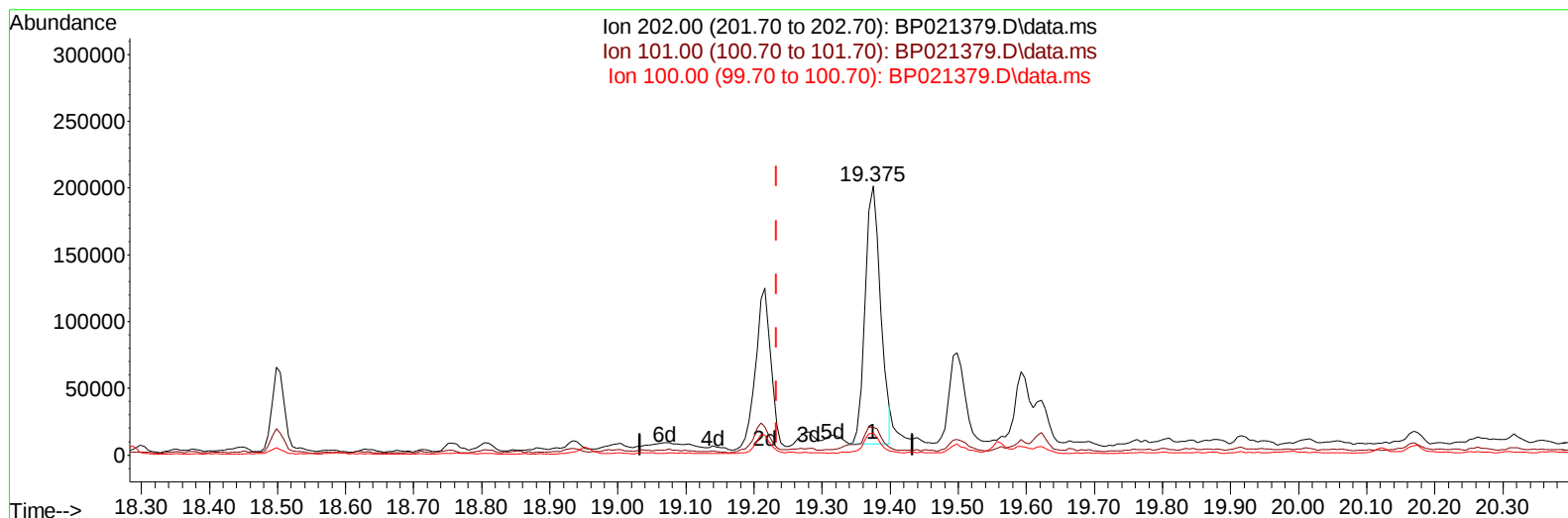
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
 Data File : BP021379.D  
 Acq On : 05 Aug 2024 20:06  
 Operator : CG/JU  
 Sample : P3329-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 F7E00

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:03 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: BP021379.D\data.ms

**(80) Fluoranthene**

**19.375min (+ 0.142) 4.29 ng/u1**

**response 305243**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 10.00  | 10.31  |
| 100.00 | 7.60   | 8.20   |
| 0.00   | 0.00   | 0.00   |

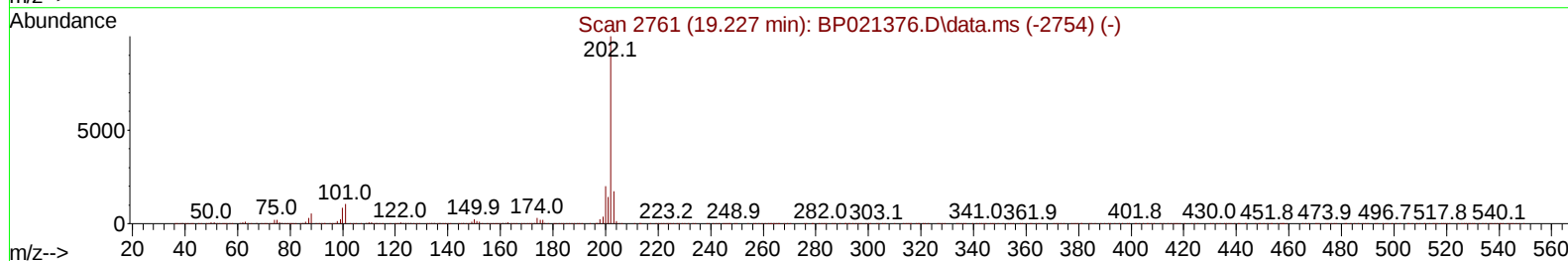
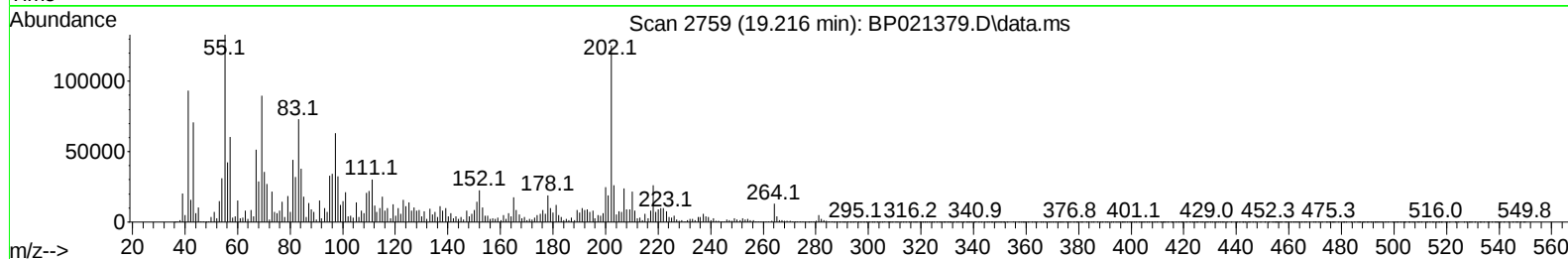
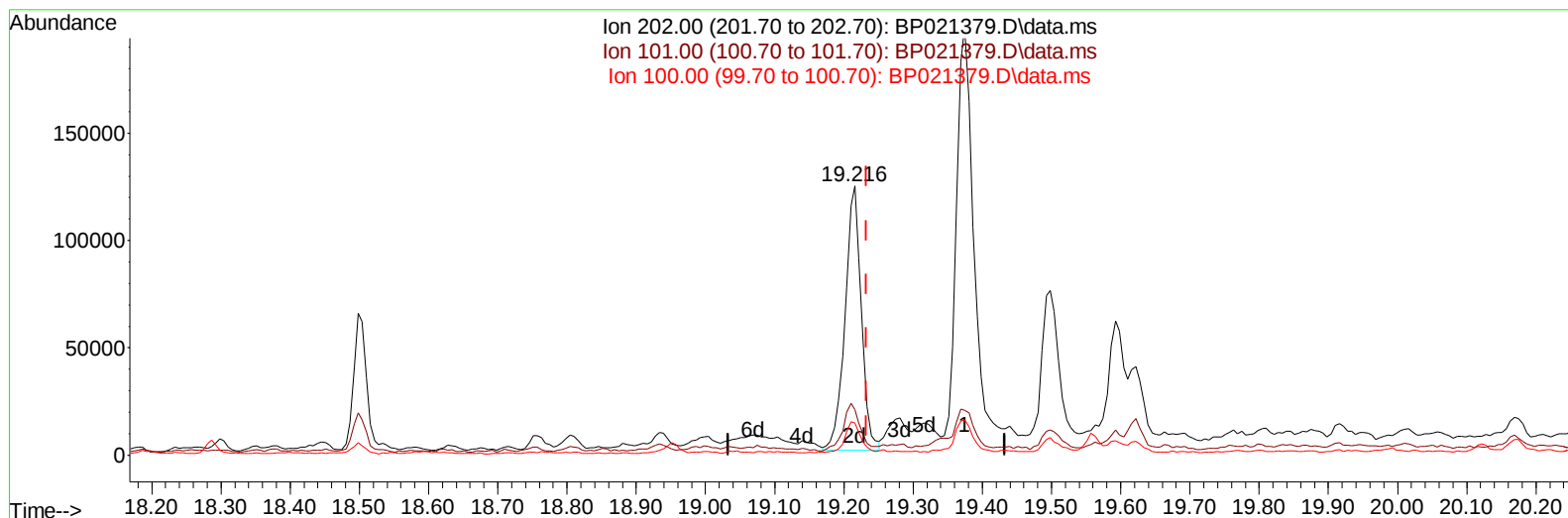
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
Data File : BP021379.D  
Acq On : 05 Aug 2024 20:06  
Operator : CG/JU  
Sample : P3329-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
F7E00

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:03 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
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Reviewed By :Jagrut Upadhyay 08/06/2024  
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TIC: BP021379.D\data.ms

**(80) Fluoranthene**

**19.216min (-0.017) 2.84 ng/ul m**

**response 202146**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 10.00  | 16.87# |
| 100.00 | 7.60   | 11.84# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080524\  
 Data File : BP021379.D  
 Acq On : 05 Aug 2024 20:06  
 Operator : CG/JU  
 Sample : P3329-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 F7E00

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:24:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
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 Response via : Initial Calibration

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.605  | 152  | 267490   | 20.000 | ng/ul  | -0.03    |
| 20) Naphthalene-d8            | 10.375 | 136  | 1062710  | 20.000 | ng/ul  | -0.02    |
| 38) Acenaphthene-d10          | 14.257 | 164  | 696922   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.075 | 188  | 1297039  | 20.000 | ng/ul  | -0.02    |
| 79) Chrysene-d12              | 21.522 | 240  | 952889   | 20.000 | ng/ul  | -0.01    |
| 88) Perylene-d12              | 24.821 | 264  | 1302981  | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.164  | 96   | 8256     | 1.405  | ng/uL  | -0.01    |
| 4) Pyridine-d5                | 3.593  | 84   | 101874   | 5.986  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.846  | 99   | 137728   | 6.316  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.969  | 67   | 124067   | 9.388  | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.169  | 132  | 119320   | 6.641  | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.364  | 113  | 119657   | 6.606  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.781  | 128  | 57077    | 6.915  | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.493  | 143  | 62942    | 6.662  | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.058 | 165  | 119246   | 6.980  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.557 | 131  | 120597   | 5.329  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.663 | 166  | 1173952  | 23.172 | ng/ul  | -0.02    |
| 49) Acenaphthylene-d8         | 13.951 | 160  | 432872   | 7.609  | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.628 | 143  | 48455m   | 6.722  | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 15.269 | 176  | 338040   | 8.133  | ng/ul  | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.463 | 200  | 78848    | 10.047 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.175 | 188  | 485452   | 8.427  | ng/ul  | -0.02    |
| 81) Pyrene-d10                | 19.563 | 212  | 447767   | 7.601  | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 24.592 | 264  | 525181   | 8.172  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.452  | 105  | 76589    | 2.740  | ng/ul# | 89       |
| 30) Naphthalene               | 10.422 | 128  | 271434   | 4.856  | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.040 | 142  | 193994   | 5.056  | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.269 | 142  | 61538    | 1.559  | ng/ul# | 98       |
| 43) 1,1'-Biphenyl             | 13.069 | 154  | 254418   | 4.995  | ng/ul  | 99       |
| 50) Acenaphthylene            | 13.975 | 152  | 1337557  | 20.767 | ng/ul  | 99       |
| 52) Acenaphthene              | 14.322 | 153  | 85049    | 1.989  | ng/ul  | 95       |
| 56) Dibenzofuran              | 14.669 | 168  | 164144   | 2.804  | ng/ul  | 95       |
| 61) Fluorene                  | 15.328 | 166  | 587279   | 12.294 | ng/ul# | 97       |
| 72) Phenanthrene              | 17.116 | 178  | 270768m  | 4.024  | ng/ul  |          |
| 74) Anthracene                | 17.216 | 178  | 948864   | 13.833 | ng/ul  | 100      |
| 77) Carbazole                 | 17.516 | 167  | 96066    | 1.713  | ng/ul# | 83       |
| 80) Fluoranthene              | 19.216 | 202  | 202146m  | 2.841  | ng/ul  |          |
| 82) Pyrene                    | 19.592 | 202  | 84100    | 1.162  | ng/ul# | 89       |
| 85) Benzo(a)anthracene        | 21.504 | 228  | 197537   | 2.959  | ng/ul# | 78       |
| -----                         |        |      |          |        |        |          |

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

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Instrument :  
BNA\_P  
ClientSampleId :  
F7E00

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