

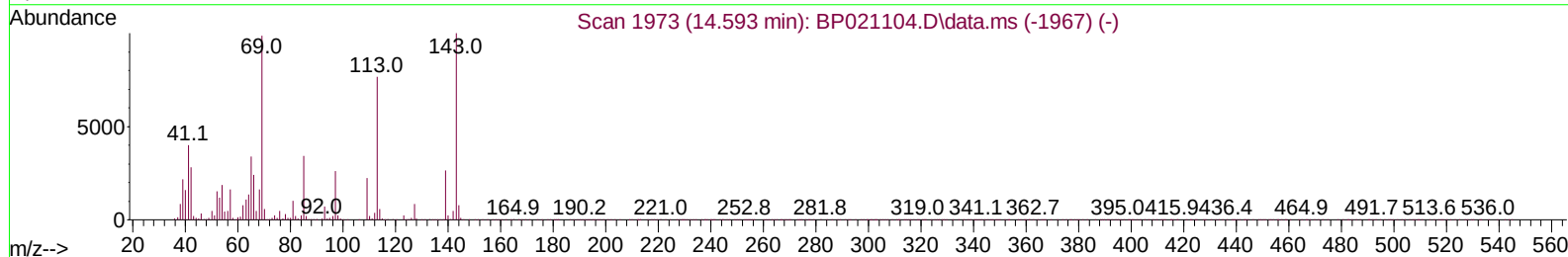
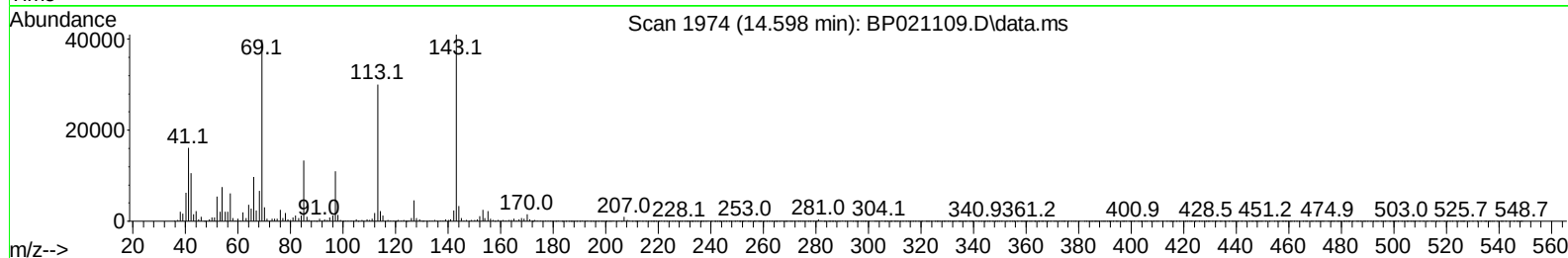
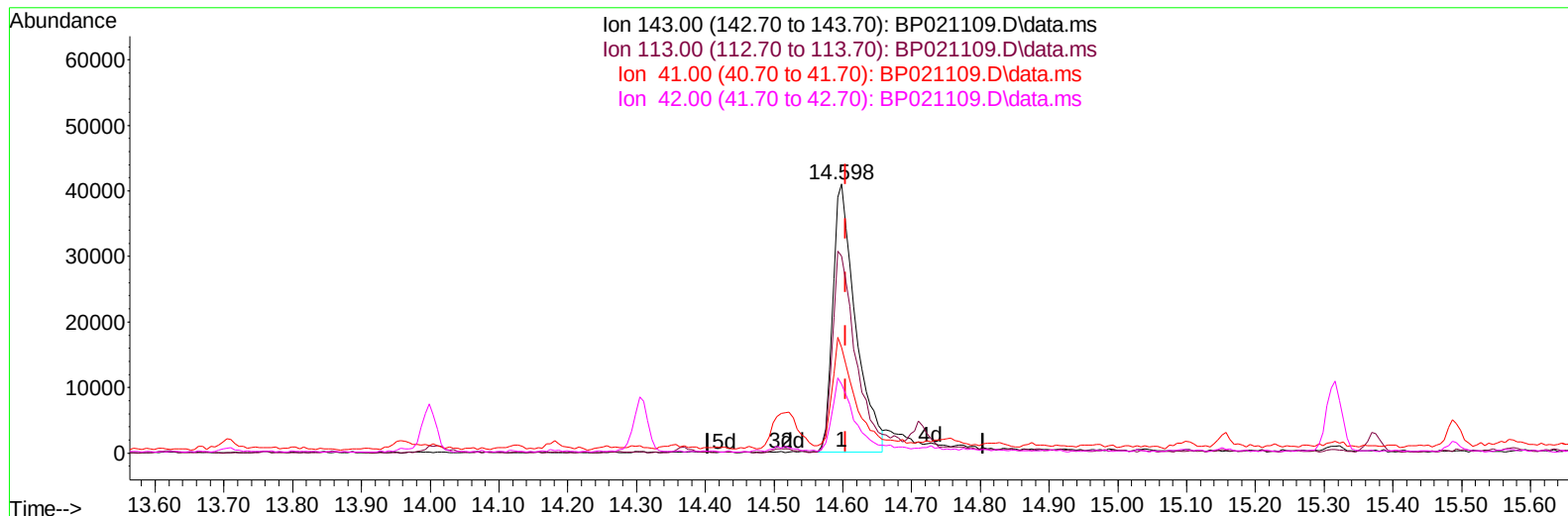
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
Data File : BP021109.D  
Acq On : 23 Jul 2024 22:16  
Operator : MA/JU  
Sample : P3238-05  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE8

Manual IntegrationsAPPROVED

Quant Time: Jul 24 00:20:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 24 00:18:37 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024  
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021109.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.598min (-0.006) 19.80 ng/u1

response 94058

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 73.29  |
| 41.00  | 37.90  | 39.26  |
| 42.00  | 27.10  | 25.72  |

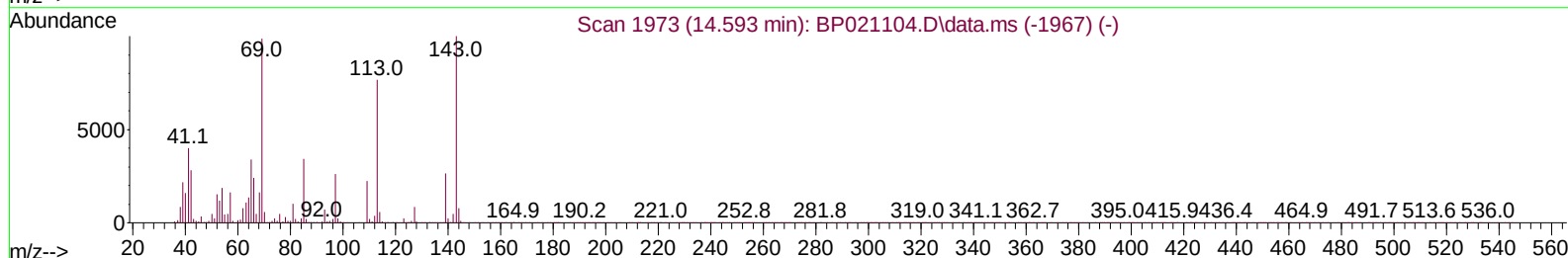
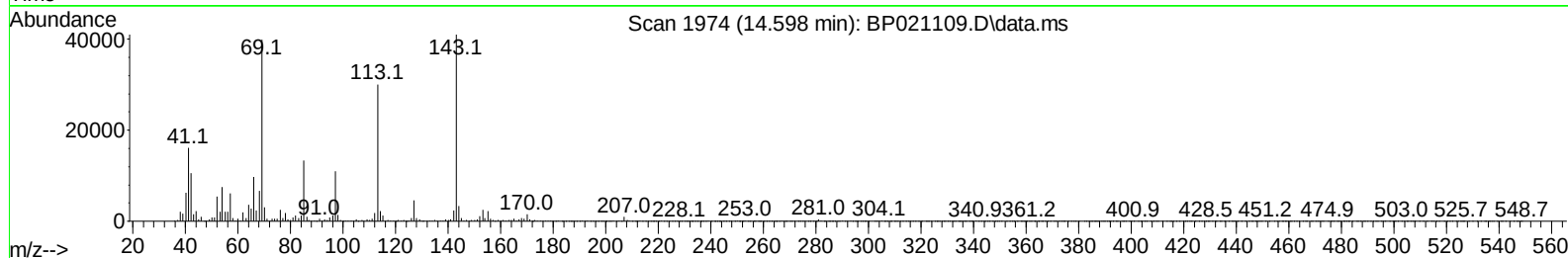
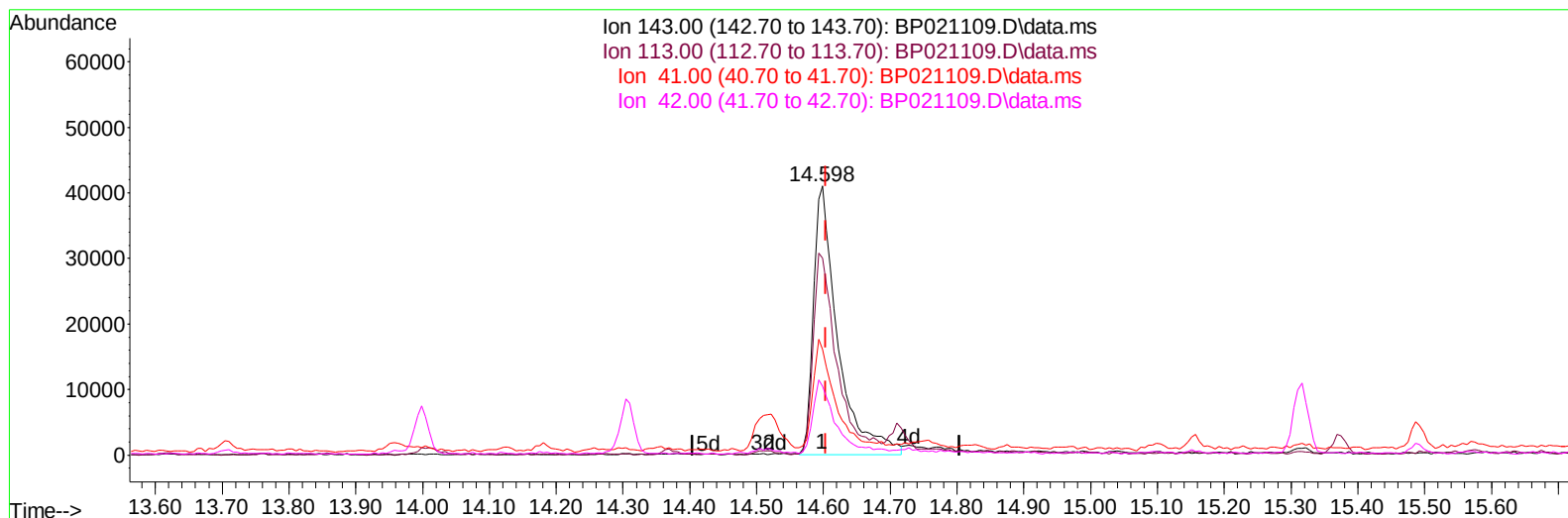
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 Operator : MA/JU  
 Sample : P3238-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
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Manual IntegrationsAPPROVED

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TIC: BP021109.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.598min (-0.006) 21.66 ng/ul m**

**response 102920**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 74.70  | 73.29  |
| 41.00  | 37.90  | 39.26  |
| 42.00  | 27.10  | 25.72  |

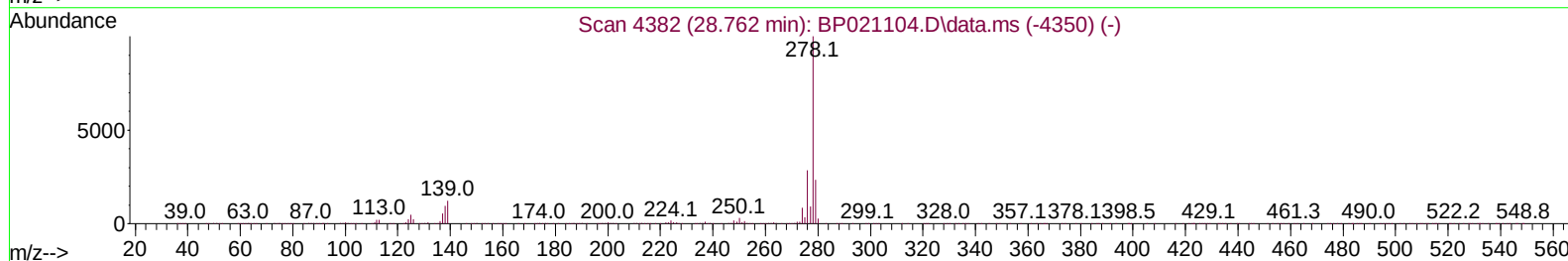
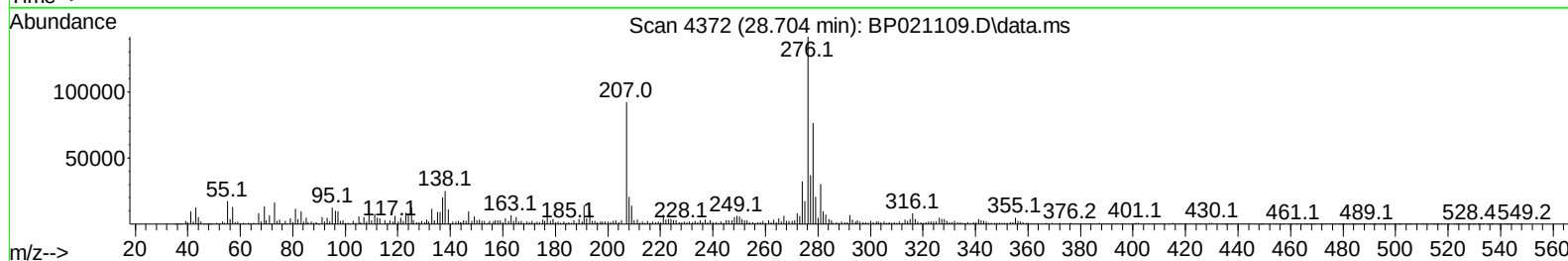
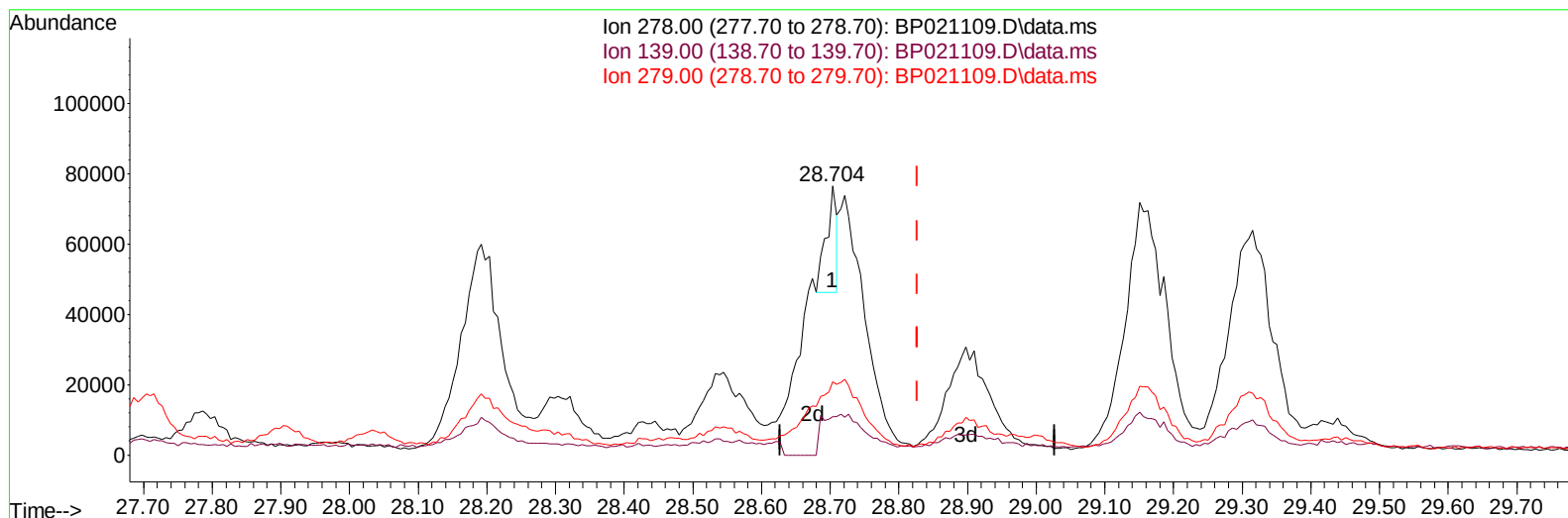
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BP021109.D\data.ms

(95) Dibenzo(a,h)anthracene

28.704min (-0.124) 0.51 ng/u1

response 32837

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.60  | 14.39  |
| 279.00 | 24.20  | 27.35  |
| 0.00   | 0.00   | 0.00   |

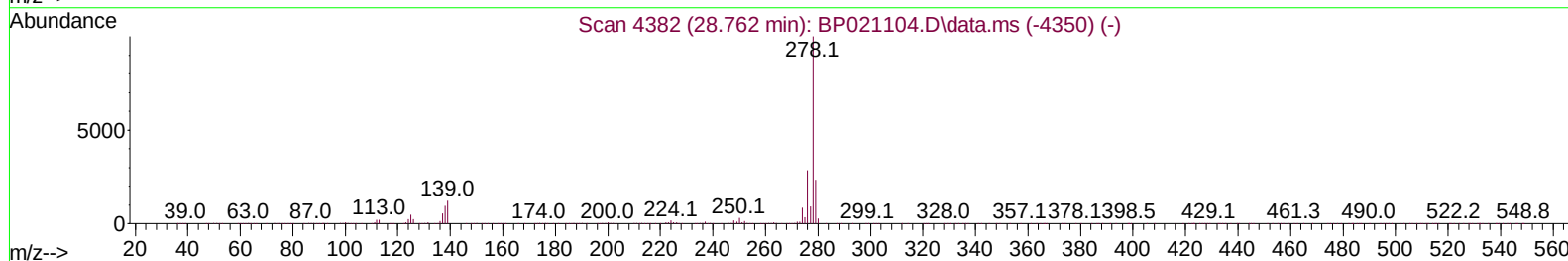
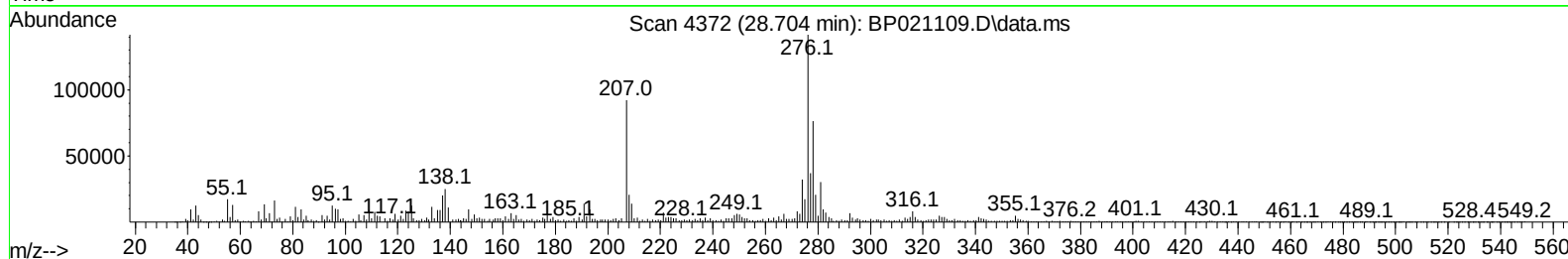
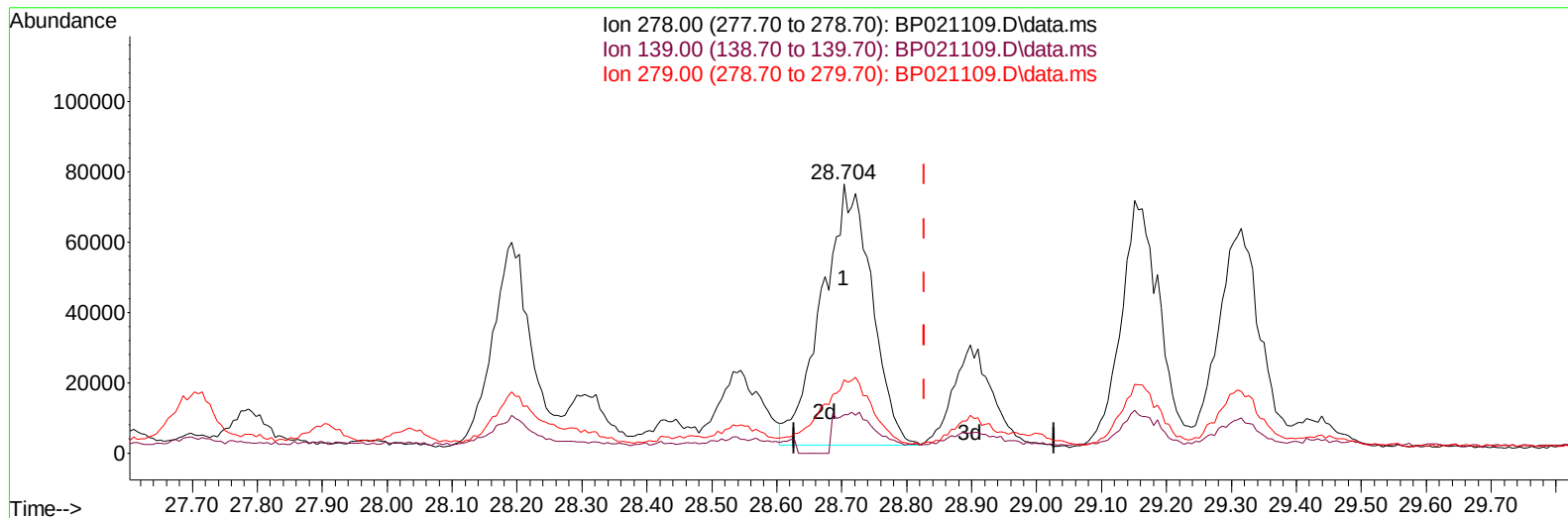
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
Data File : BP021109.D  
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Operator : MA/JU  
Sample : P3238-05  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE8

Manual IntegrationsAPPROVED

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TIC: BP021109.D\data.ms

(95) Dibenzo(a,h)anthracene

28.704min (-0.124) 6.12 ng/ul m

response 395367

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.60  | 14.39  |
| 279.00 | 24.20  | 27.35  |
| 0.00   | 0.00   | 0.00   |

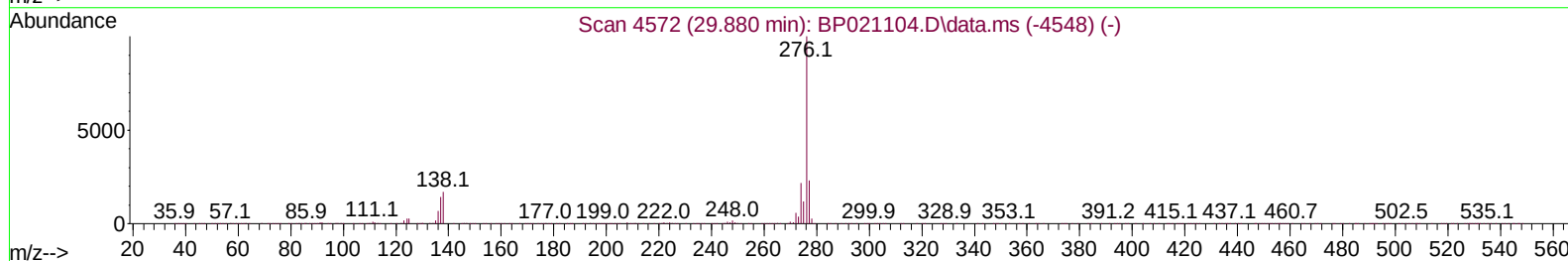
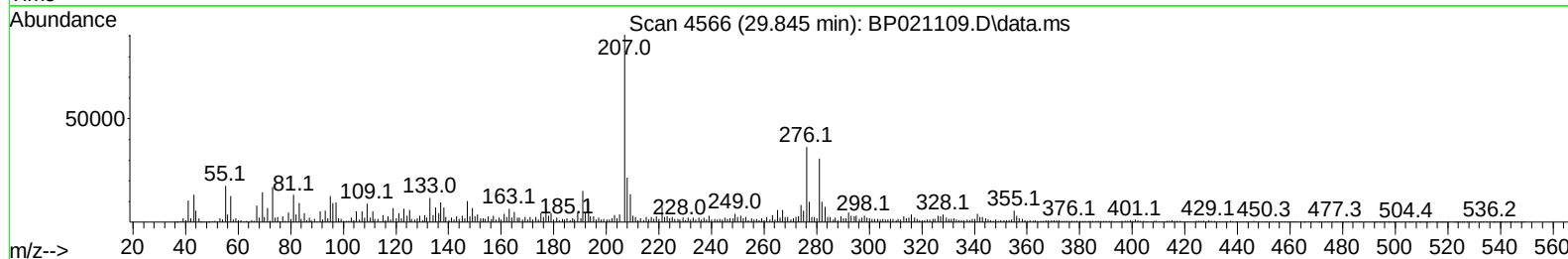
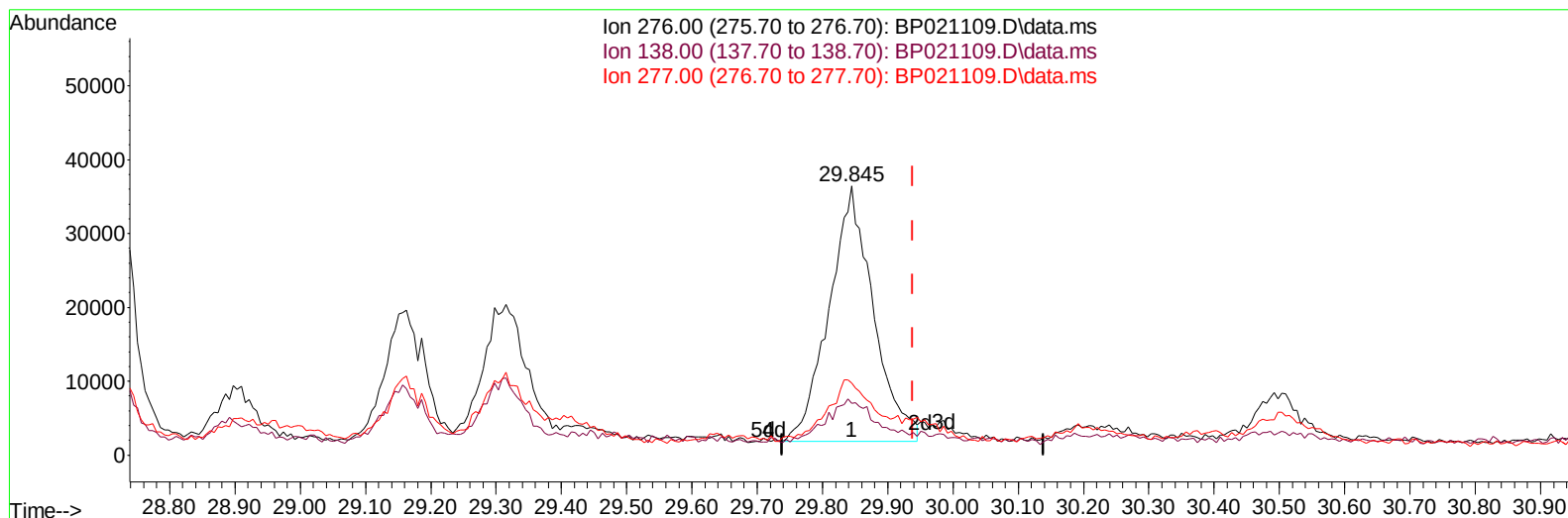
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
Data File : BP021109.D  
Acq On : 23 Jul 2024 22:16  
Operator : MA/JU  
Sample : P3238-05  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE8

Manual IntegrationsAPPROVED

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TIC: BP021109.D\data.ms

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

29.845min (-0.094) 2.55 ng/u1

response 162286

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.10  | 19.33  |
| 277.00 | 22.70  | 26.74  |
| 0.00   | 0.00   | 0.00   |

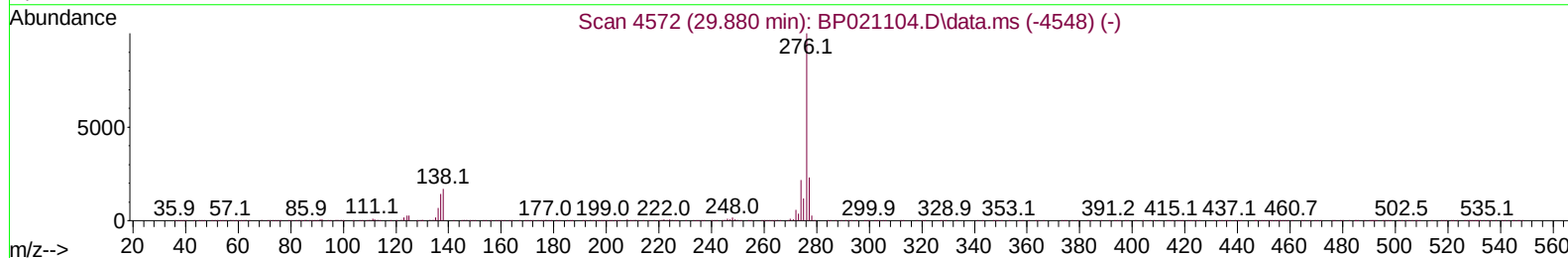
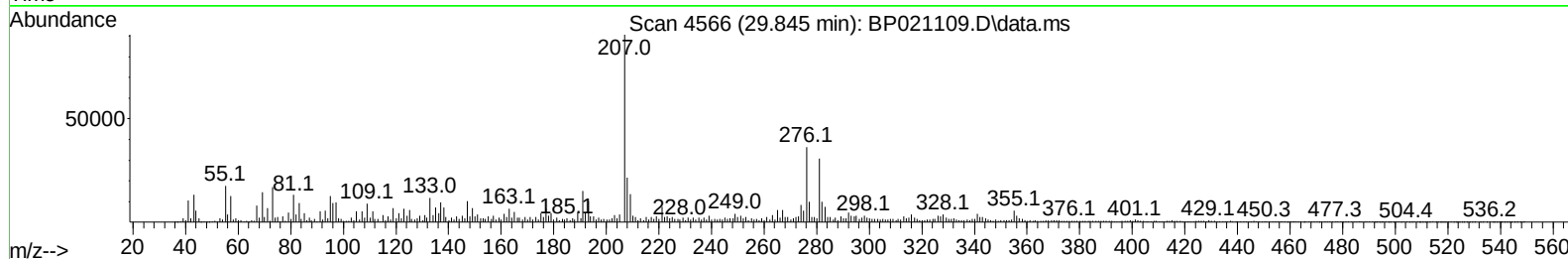
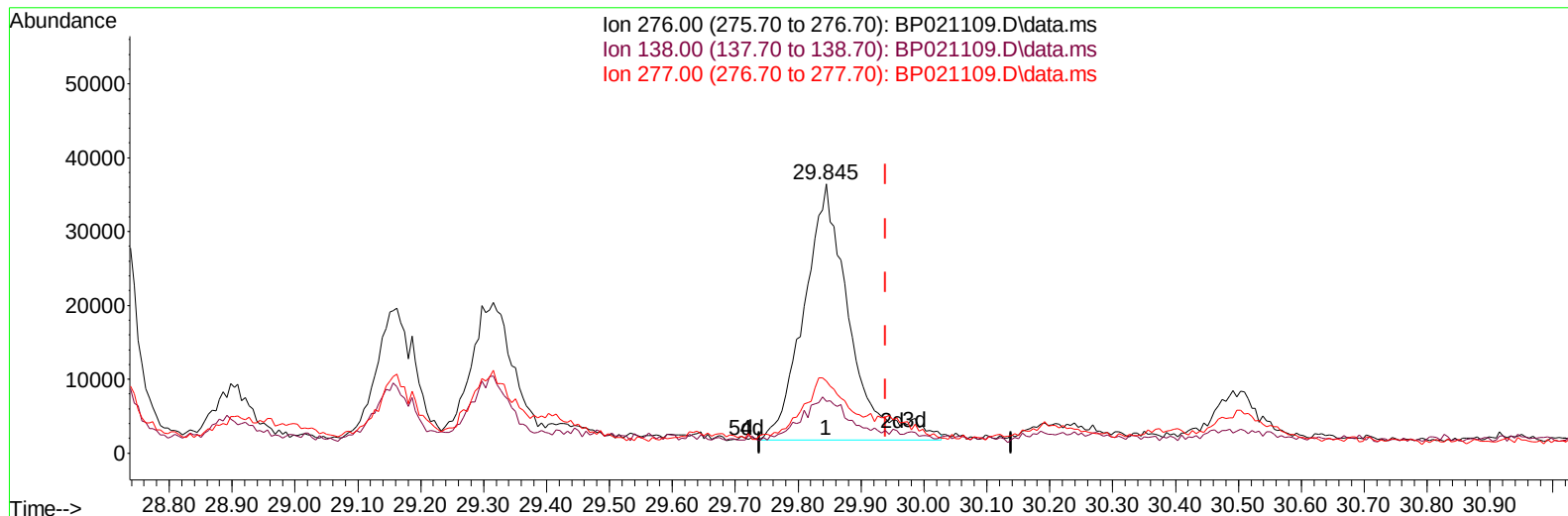
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
 Data File : BP021109.D  
 Acq On : 23 Jul 2024 22:16  
 Operator : MA/JU  
 Sample : P3238-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4BE8

Manual IntegrationsAPPROVED

Quant Time: Jul 24 00:20:19 2024  
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 Quant Title : SVOA CALIBRATION  
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TIC: BP021109.D\data.ms

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

29.845min (-0.094) 2.72 ng/u1 m

response 173005

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.10  | 19.33  |
| 277.00 | 22.70  | 26.74  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072324\  
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 Sample : P3238-05  
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Instrument :  
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Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.658  | 152  | 159708   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.440 | 136  | 676237   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.304 | 164  | 459374   | 20.000 | ng/ul  | -0.02    |
| 64) Phenanthrene-d10          | 17.116 | 188  | 965445   | 20.000 | ng/ul  | -0.02    |
| 79) Chrysene-d12              | 21.569 | 240  | 858841   | 20.000 | ng/ul  | -0.03    |
| 88) Perylene-d12              | 24.886 | 264  | 1055863  | 20.000 | ng/ul  | -0.05    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.187  | 96   | 13309    | 3.792  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.623  | 84   | 15914    | 1.566  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 6.875  | 99   | 293837   | 22.567 | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.011  | 67   | 164605   | 20.860 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.211  | 132  | 248017   | 23.119 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.387  | 113  | 243007   | 22.471 | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 8.822  | 128  | 119018   | 22.660 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.534  | 143  | 139087   | 23.136 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.087 | 165  | 254723   | 23.432 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.593 | 131  | 138477   | 9.616  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.710 | 166  | 790685   | 23.677 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 13.998 | 160  | 912073   | 24.324 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.598 | 143  | 102920m  | 21.662 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.316 | 176  | 716528   | 26.154 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.493 | 200  | 66843    | 11.443 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.216 | 188  | 1137789  | 26.534 | ng/ul  | -0.02    |
| 81) Pyrene-d10                | 19.604 | 212  | 1177220  | 22.171 | ng/ul  | -0.02    |
| 92) Benzo(a)pyrene-d12        | 24.651 | 264  | 949908   | 18.241 | ng/ul  | -0.05    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 10.487 | 128  | 104951   | 2.951  | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.104 | 142  | 43796    | 1.794  | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.322 | 142  | 34460    | 1.372  | ng/ul  | 98       |
| 50) Acenaphthylene            | 14.028 | 152  | 74535    | 1.756  | ng/ul  | 99       |
| 52) Acenaphthene              | 14.369 | 153  | 176489   | 6.263  | ng/ul  | 96       |
| 56) Dibenzofuran              | 14.710 | 168  | 117199   | 3.037  | ng/ul  | 96       |
| 61) Fluorene                  | 15.375 | 166  | 195933   | 6.222  | ng/ul  | 99       |
| 72) Phenanthrene              | 17.157 | 178  | 3593706  | 71.754 | ng/ul  | 99       |
| 74) Anthracene                | 17.251 | 178  | 645558   | 12.644 | ng/ul  | 99       |
| 77) Carbazole                 | 17.545 | 167  | 300646   | 7.203  | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.116 | 149  | 115539   | 2.006  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.263 | 202  | 4963084  | 77.400 | ng/ul  | 98       |
| 82) Pyrene                    | 19.639 | 202  | 3872404  | 59.347 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.545 | 228  | 2262064  | 37.599 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.451 | 149  | 296135   | 7.569  | ng/ul  | 98       |
| 87) Chrysene                  | 21.616 | 228  | 2278736  | 40.762 | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.833 | 252  | 2839407  | 44.314 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.892 | 252  | 1067122  | 16.688 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.727 | 252  | 1169930  | 19.322 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.668 | 276  | 1069216  | 13.704 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 28.704 | 278  | 395367m  | 6.119  | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 29.845 | 276  | 173005m  | 2.723  | ng/ul  |          |
| -----                         |        |      |          |        |        |          |

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Sample : P3238-05  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4BE8

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Response via : Initial Calibration

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

-----

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



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