

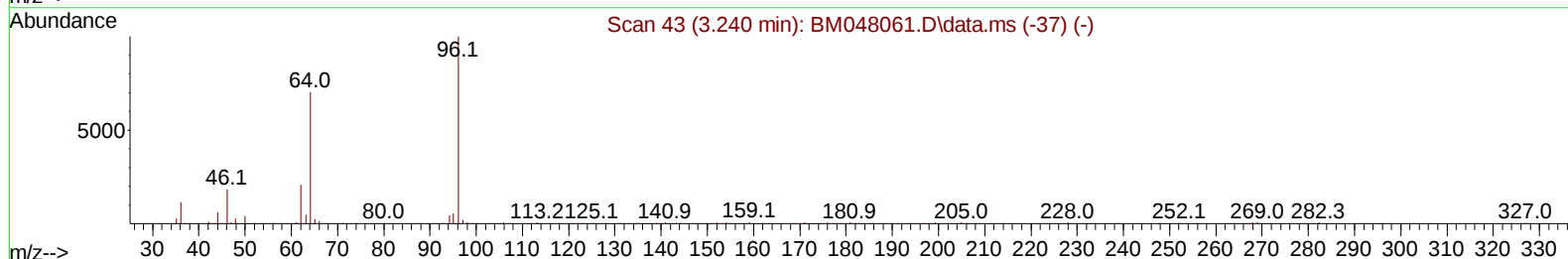
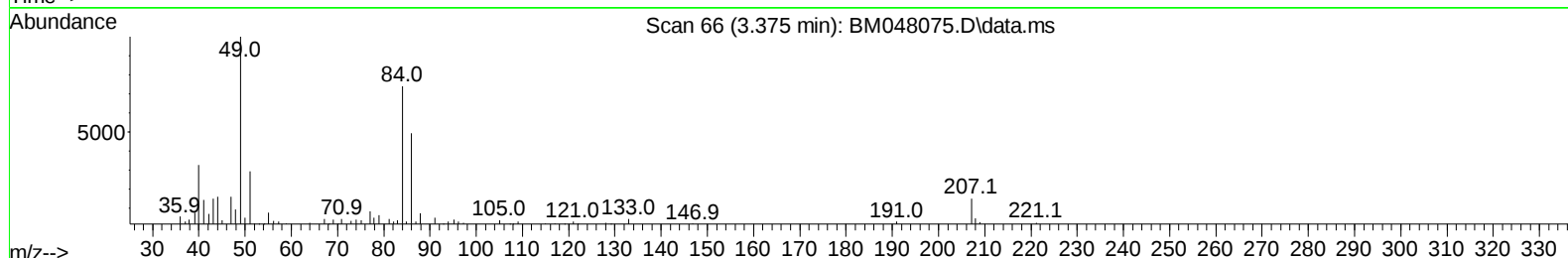
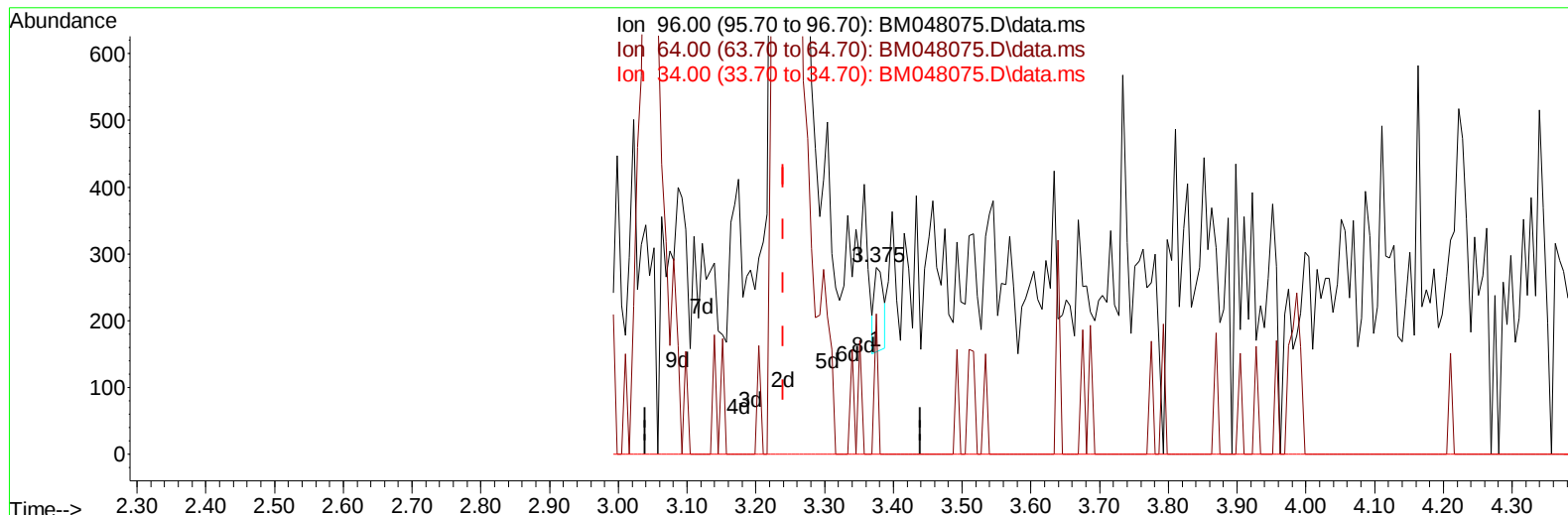
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
Data File : BM048075.D  
Acq On : 16 Oct 2024 00:22  
Operator : RC/JU  
Sample : P4350-09  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EOAJ9

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:01:46 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 10 05:10:14 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/17/2024  
Supervised By :mohammad ahmed 10/17/2024



TIC: BM048075.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.375min (+ 0.135) 0.01 ng/uL

response 111

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 85.50  | 75.00  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

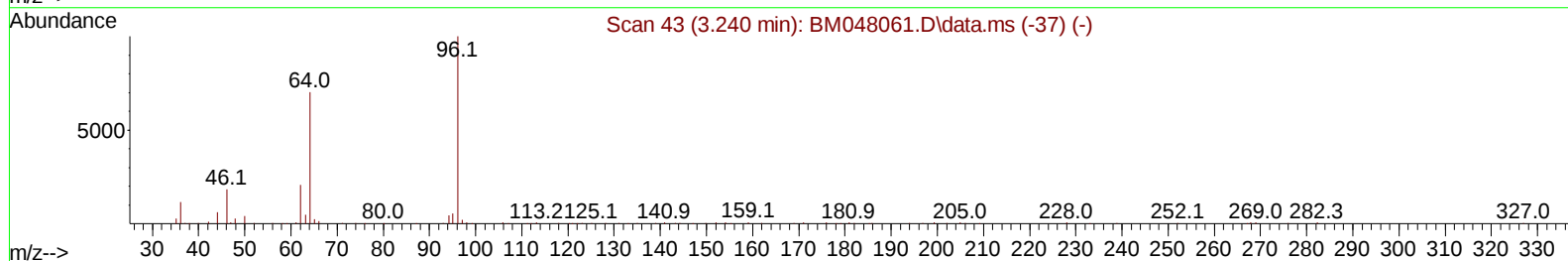
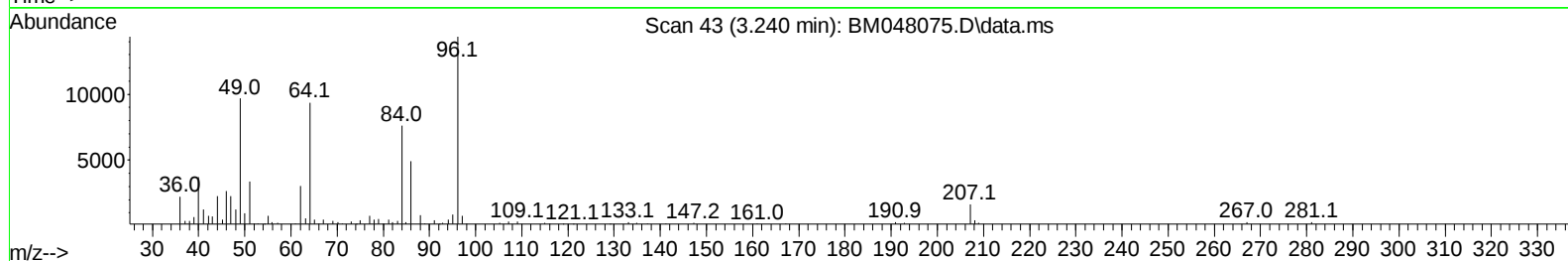
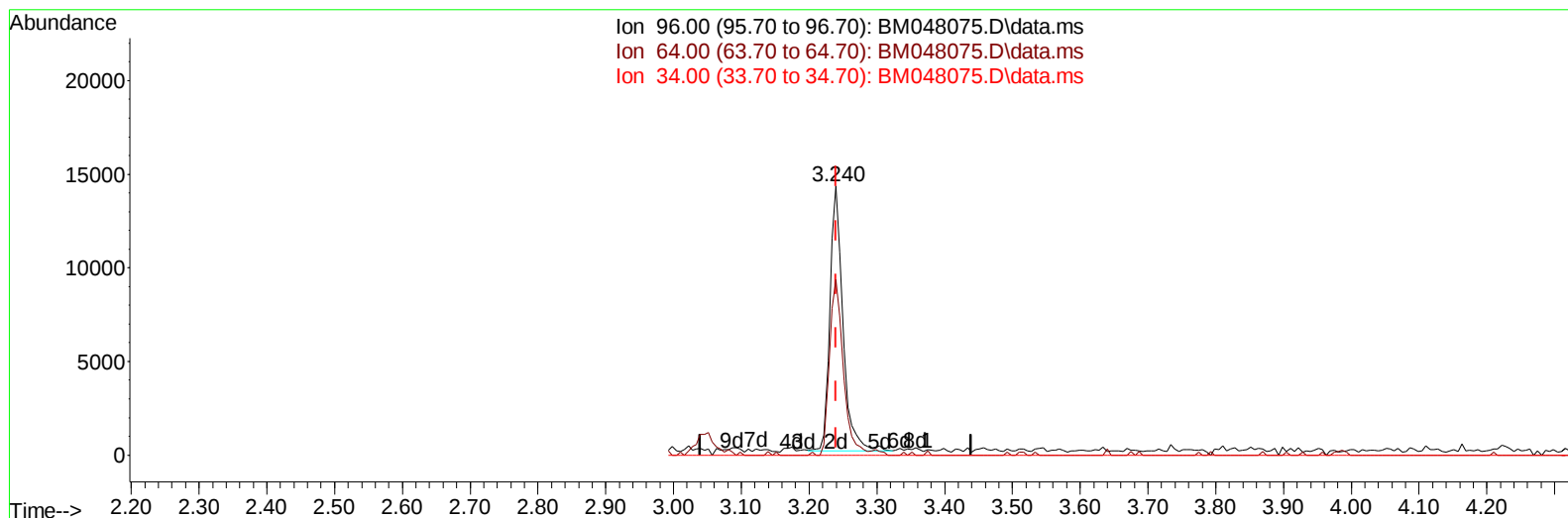
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BM048075.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.240min (-0.000) 2.09 ng/uL m**

**response 18999**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 85.50  | 65.28# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

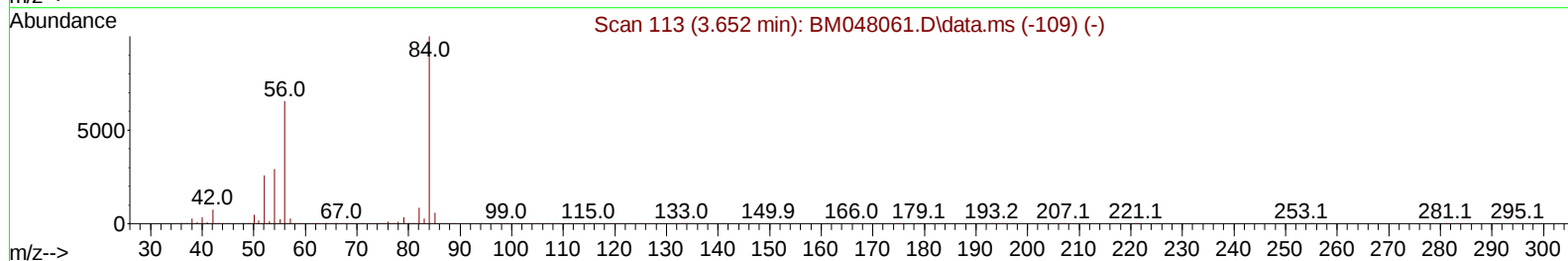
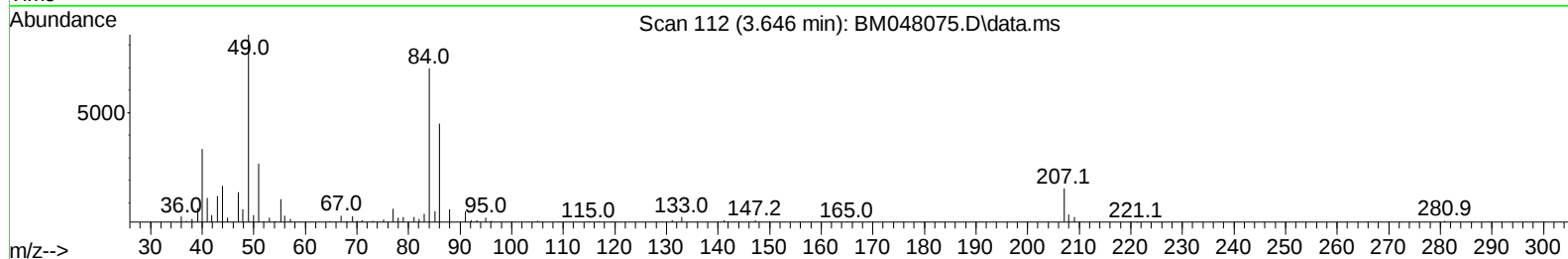
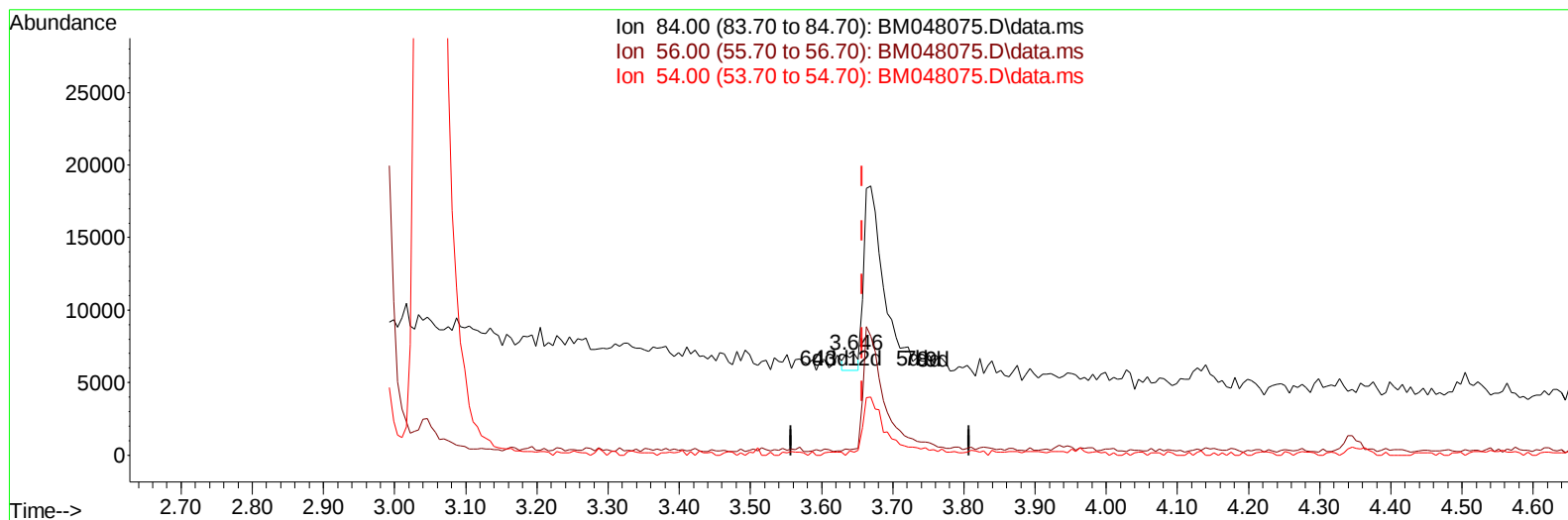
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EOAJ9

Manual IntegrationsAPPROVED

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TIC: BM048075.D\data.ms

(4) Pyridine-d5 (S)

3.646min (-0.012) 0.05 ng/u1

response 1369

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 75.30  | 6.24#  |
| 54.00 | 36.10  | 2.60#  |
| 0.00  | 0.00   | 0.00   |

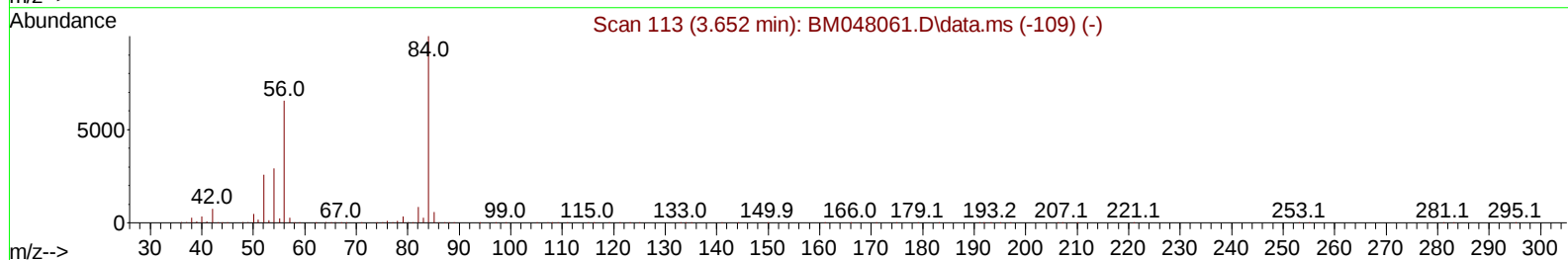
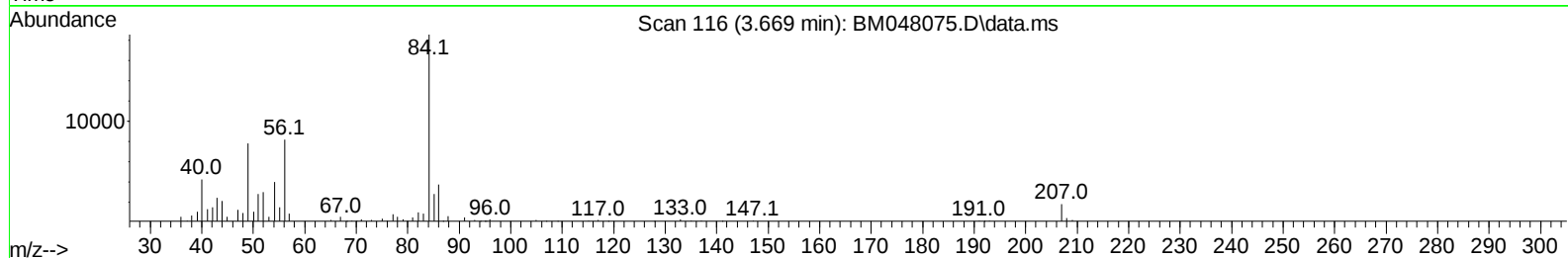
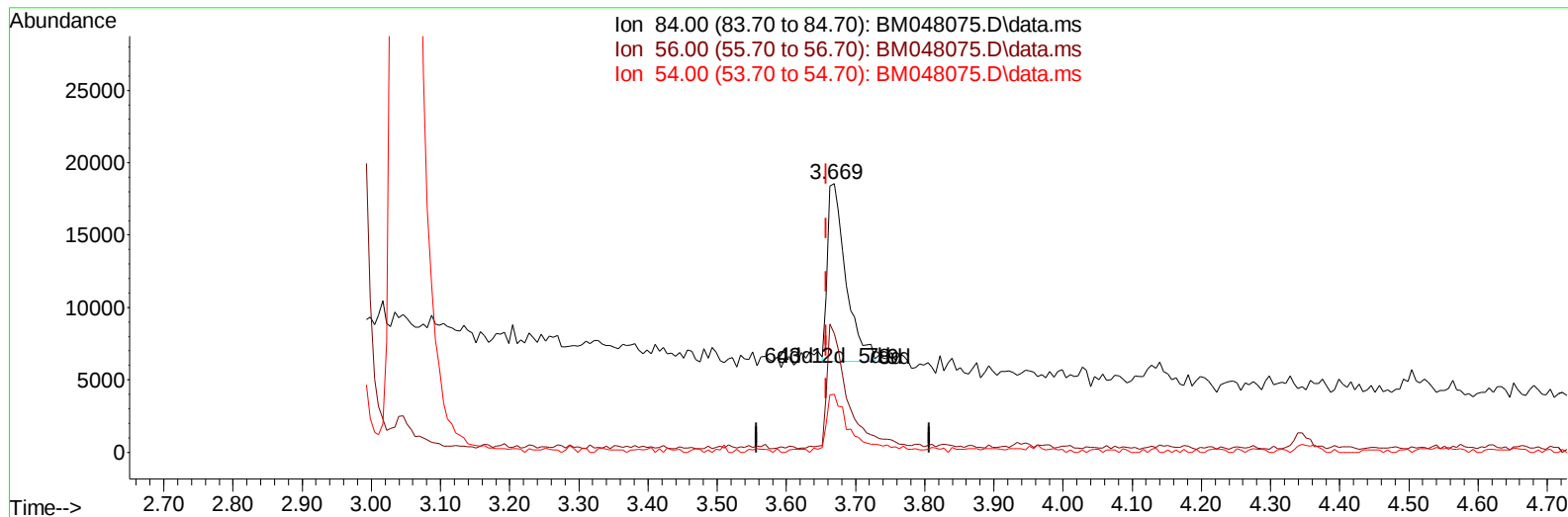
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
Data File : BM048075.D  
Acq On : 16 Oct 2024 00:22  
Operator : RC/JU  
Sample : P4350-09  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EOAJ9

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:01:46 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 10 05:10:14 2024  
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Reviewed By :Yogesh Patel 10/17/2024  
Supervised By :mohammad ahmed 10/17/2024



TIC: BM048075.D\data.ms

(4) Pyridine-d5 (S)

3.669min (+ 0.012) 0.85 ng/u1 m

response 22684

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 75.30  | 44.27# |
| 54.00 | 36.10  | 21.60# |
| 0.00  | 0.00   | 0.00   |

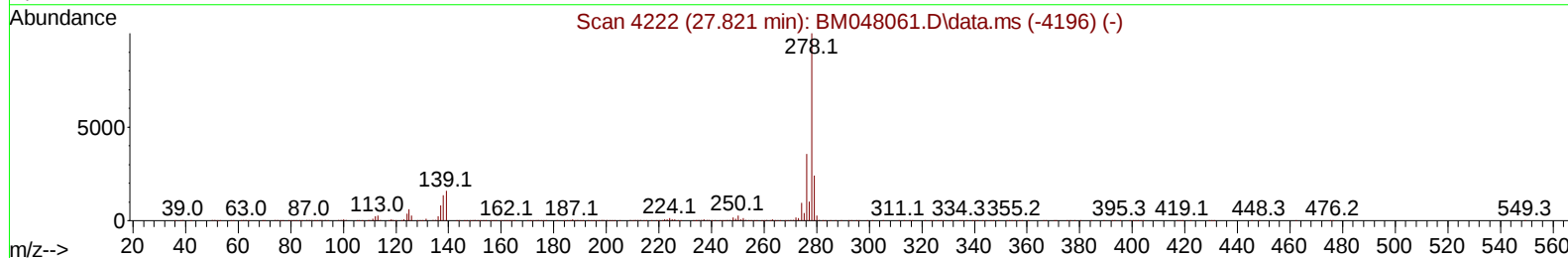
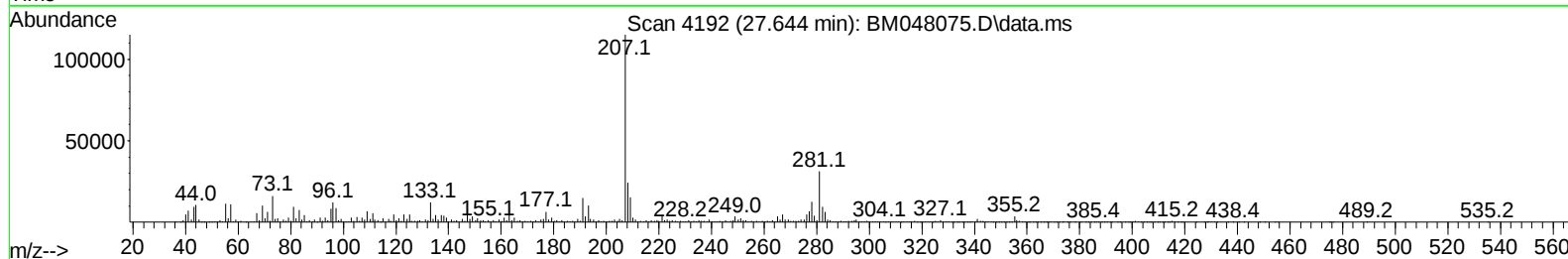
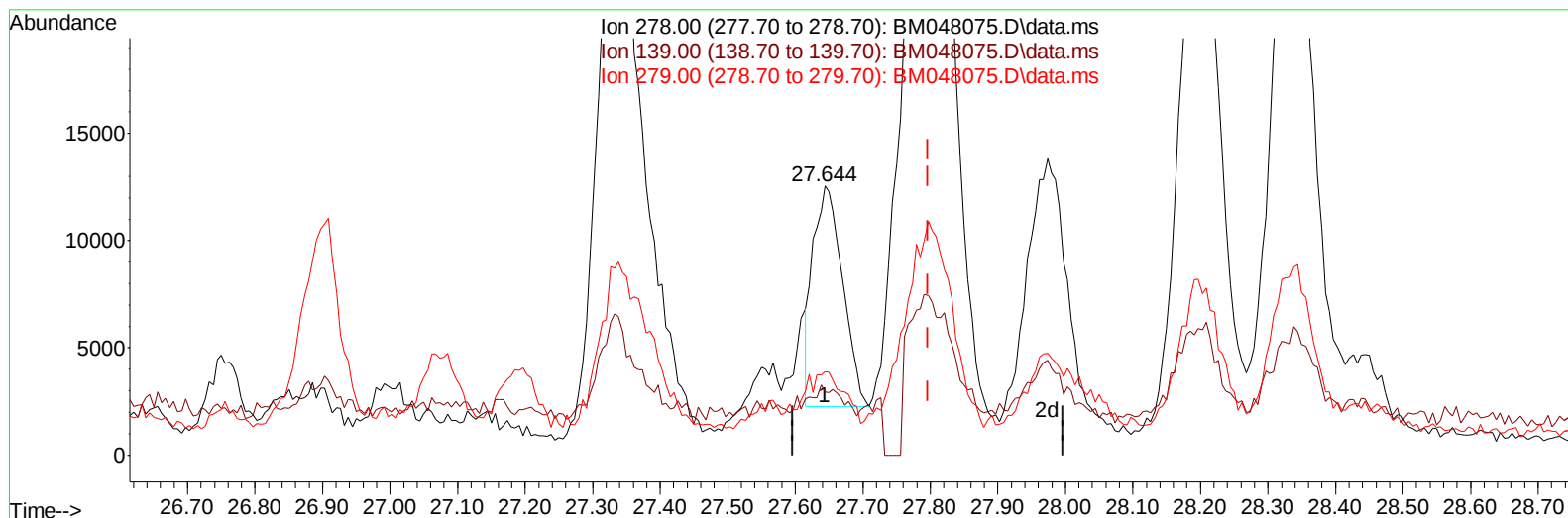
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
Data File : BM048075.D  
Acq On : 16 Oct 2024 00:22  
Operator : RC/JU  
Sample : P4350-09  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EOAJ9

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:05:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 10 05:10:14 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/17/2024  
Supervised By :mohammad ahmed 10/17/2024



TIC: BM048075.D\data.ms

(95) Dibenzo(a,h)anthracene

27.644min (-0.153) 0.36 ng/u1

response 31488

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 16.80  | 23.57# |
| 279.00 | 23.00  | 31.06# |
| 0.00   | 0.00   | 0.00   |

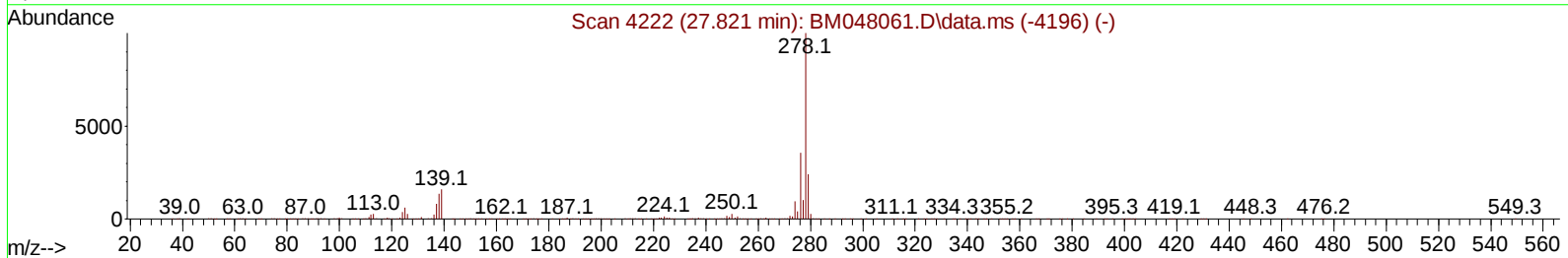
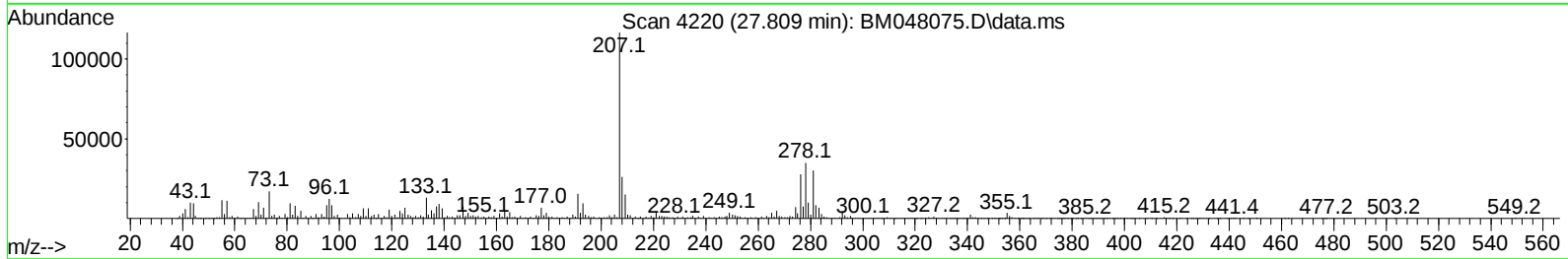
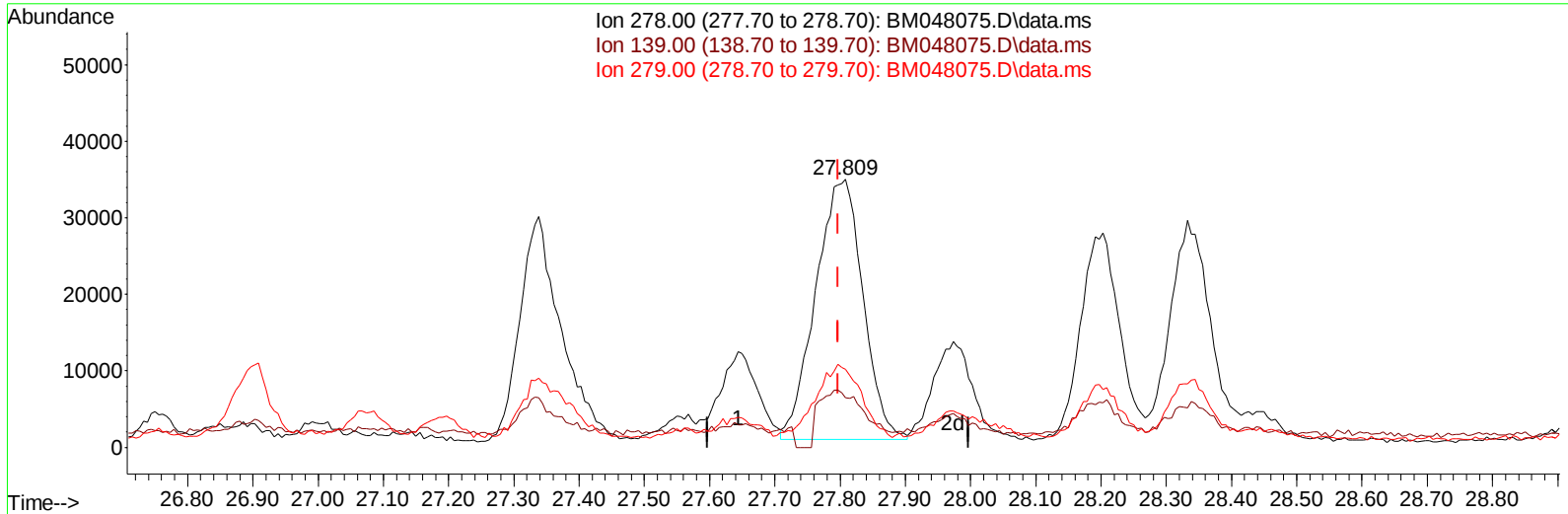
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
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Operator : RC/JU  
Sample : P4350-09  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EOAJ9

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:05:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION  
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TIC: BM048075.D\data.ms

(95) Dibenzo(a,h)anthracene

27.809min (+ 0.012) 1.96 ng/ul m

response 170773

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 16.80  | 18.41  |
| 279.00 | 23.00  | 29.08# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
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 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EOAJ9

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:06:52 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Quant Title : SVOA CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 294397   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.569 | 136  | 1192546  | 20.000 | ng/ul  | #-0.01   |
| 38) Acenaphthene-d10          | 14.415 | 164  | 724392   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.156 | 188  | 1439914  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.386 | 240  | 1232359  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.379 | 264  | 1399550  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.240  | 96   | 18999m   | 2.086  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.669  | 84   | 22684m   | 0.850  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 6.957  | 99   | 327538   | 11.766 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.110  | 67   | 193604   | 9.801  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.316  | 132  | 285596   | 14.101 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.492  | 113  | 242883   | 11.735 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.933  | 128  | 128525   | 13.536 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.657  | 143  | 144091   | 15.836 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.198 | 165  | 257414   | 14.162 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.710 | 131  | 172650   | 6.144  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.827 | 166  | 730084   | 13.901 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.110 | 160  | 843506   | 13.546 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.633 | 143  | 80362    | 7.685  | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.409 | 176  | 662077   | 14.554 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.533 | 200  | 50171    | 5.954  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.256 | 188  | 1018065  | 14.379 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.544 | 212  | 910057   | 13.012 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.174 | 264  | 559290   | 7.702  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 6.981  | 94   | 42346    | 1.430  | ng/ul# | 93       |
| 16) Acetophenone              | 8.598  | 105  | 108312   | 3.058  | ng/ul# | 85       |
| 61) Fluorene                  | 15.462 | 166  | 56705    | 1.017  | ng/ul  | 99       |
| 72) Phenanthrene              | 17.198 | 178  | 1383574  | 16.385 | ng/ul  | 99       |
| 74) Anthracene                | 17.292 | 178  | 232313   | 2.697  | ng/ul  | 100      |
| 77) Carbazole                 | 17.562 | 167  | 103855   | 1.330  | ng/ul  | 97       |
| 80) Fluoranthene              | 19.215 | 202  | 3027086  | 36.748 | ng/ul  | 98       |
| 82) Pyrene                    | 19.574 | 202  | 1745726  | 19.041 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.368 | 228  | 1103939  | 12.794 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.286 | 149  | 57727    | 1.186  | ng/ul# | 95       |
| 87) Chrysene                  | 21.433 | 228  | 1188809  | 14.132 | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.438 | 252  | 1519122  | 17.405 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.497 | 252  | 500340   | 5.606  | ng/ul  | 96       |
| 93) Benzo(a)pyrene            | 24.244 | 252  | 399511   | 4.820  | ng/ul  | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.762 | 276  | 408079   | 3.842  | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 27.809 | 278  | 170773m  | 1.962  | ng/ul  |          |
| -----                         |        |      |          |        |        |          |

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

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Instrument :  
BNA\_M  
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EOAJ9

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024  
Supervised By :mohammad ahmed 10/17/2024

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