

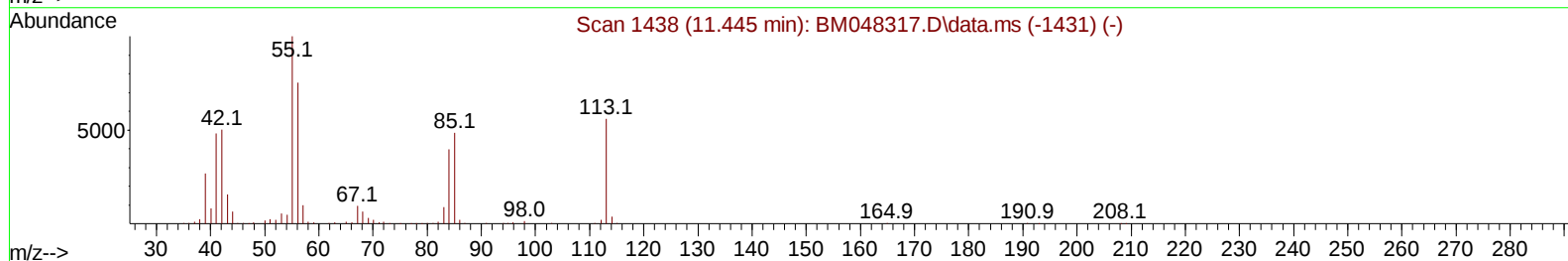
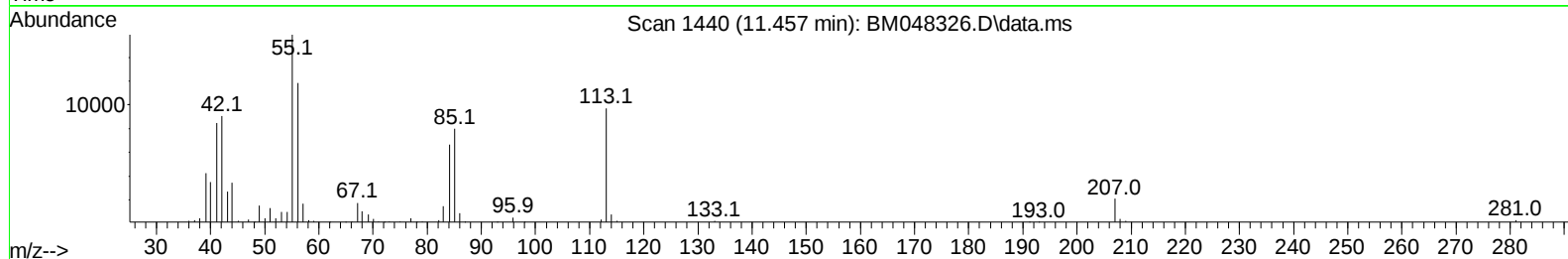
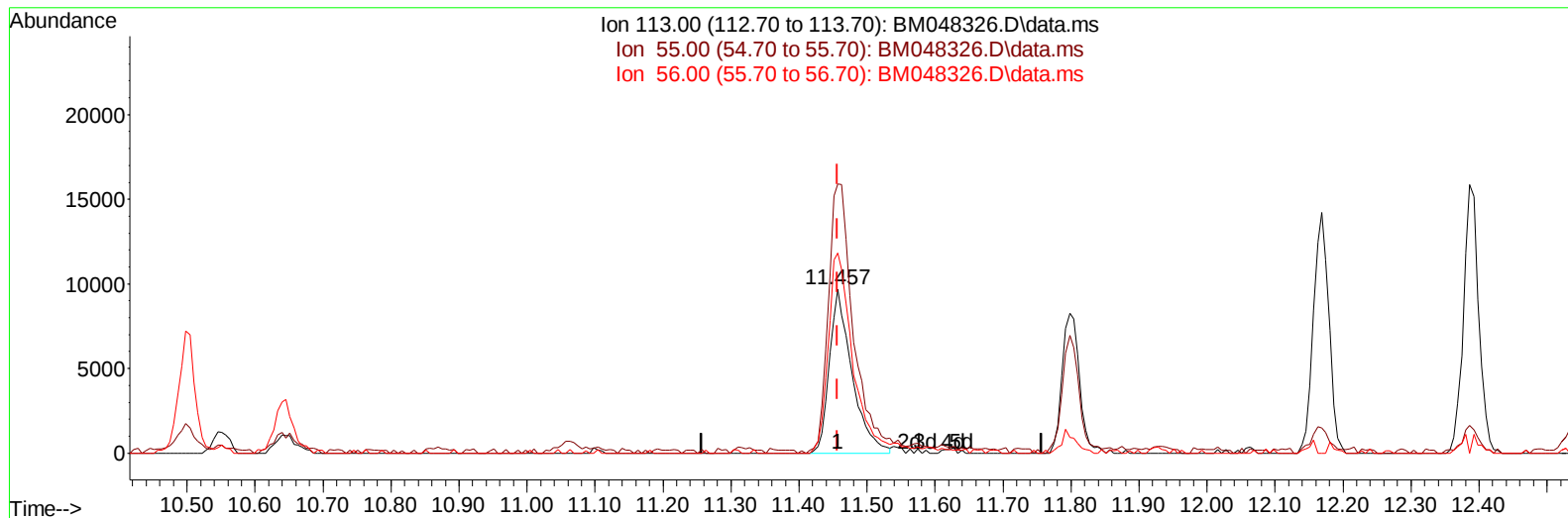
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102824\  
Data File : BM048326.D  
Acq On : 30 Oct 2024 17:00  
Operator : RC/JU  
Sample : P4535-02MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EN8

Manual IntegrationsAPPROVED

Quant Time: Oct 30 17:46:27 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Oct 27 23:39:58 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BM048326.D\data.ms

(34) Caprolactam

11.457min (+ 0.000) 4.24 ng/ul

response 22444

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 168.90 | 163.78 |
| 56.00  | 132.30 | 121.87 |
| 0.00   | 0.00   | 0.00   |

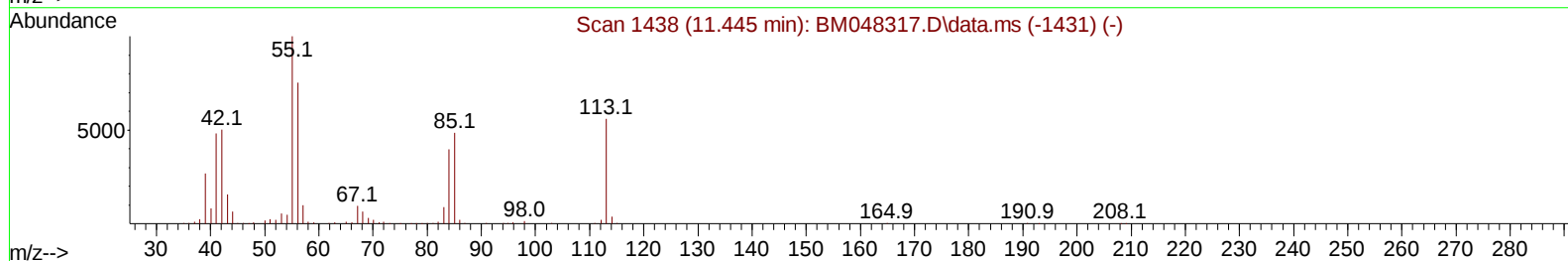
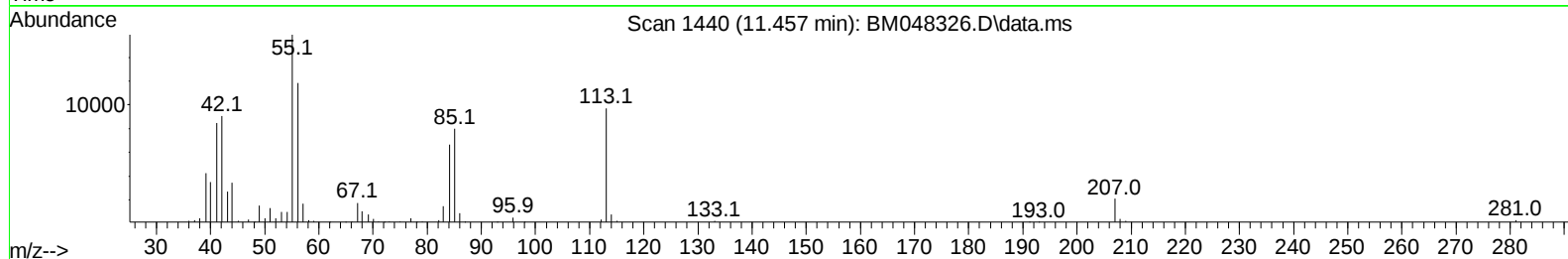
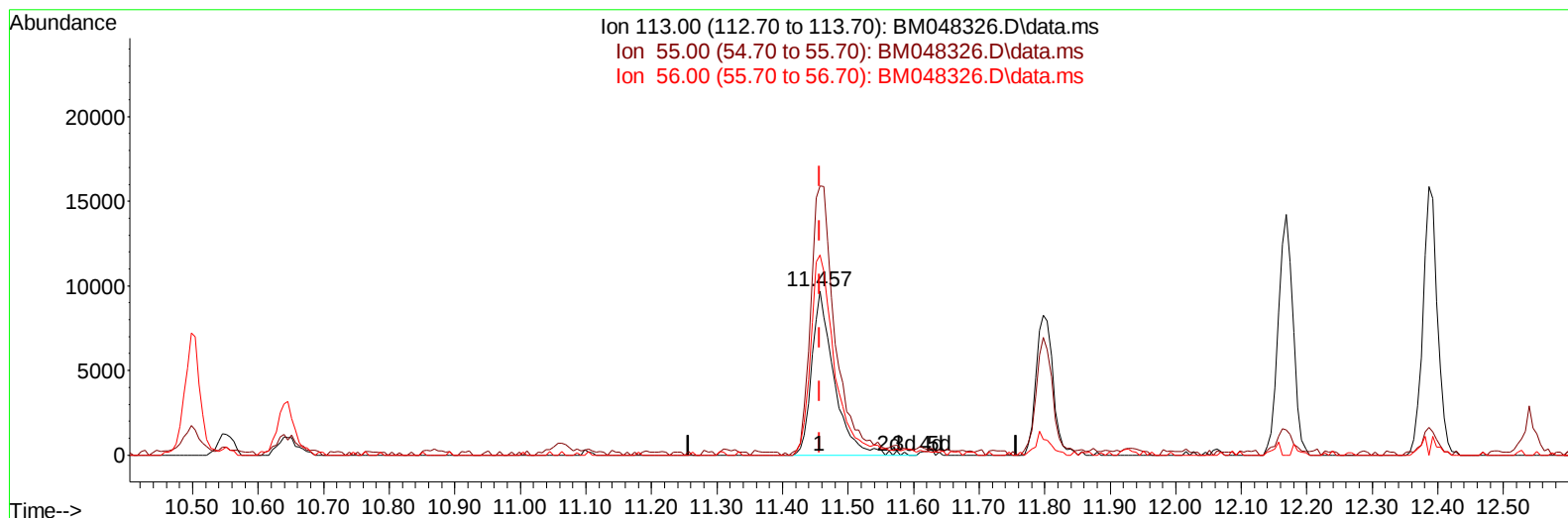
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102824\  
Data File : BM048326.D  
Acq On : 30 Oct 2024 17:00  
Operator : RC/JU  
Sample : P4535-02MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EN8

Manual IntegrationsAPPROVED

Quant Time: Oct 30 17:46:27 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Oct 27 23:39:58 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BM048326.D\data.ms

(34) Caprolactam

11.457min (+ 0.000) 4.35 ng/ul m

response 23028

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 168.90 | 163.78 |
| 56.00  | 132.30 | 121.87 |
| 0.00   | 0.00   | 0.00   |

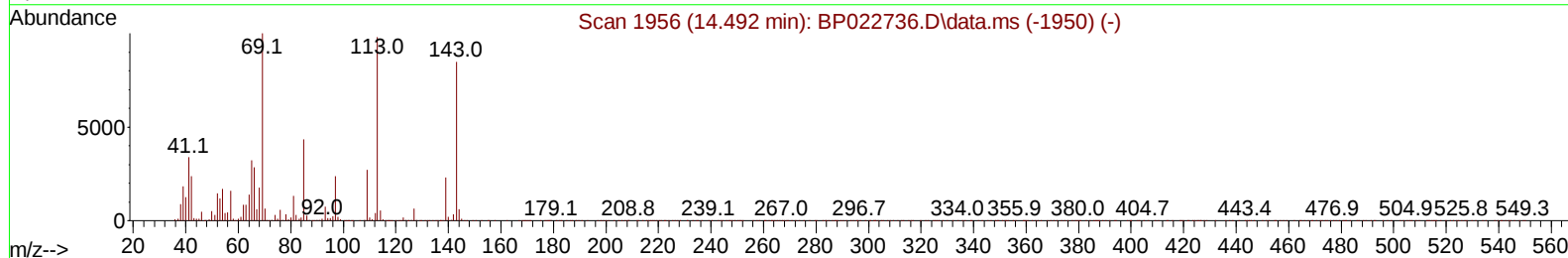
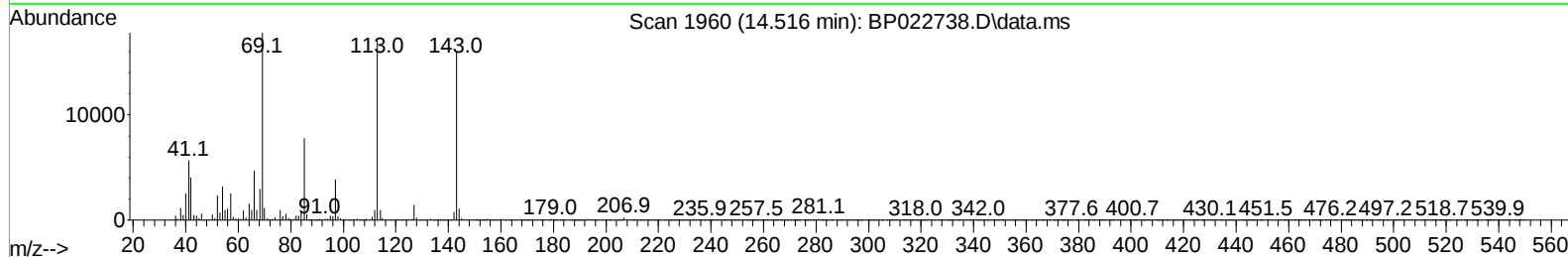
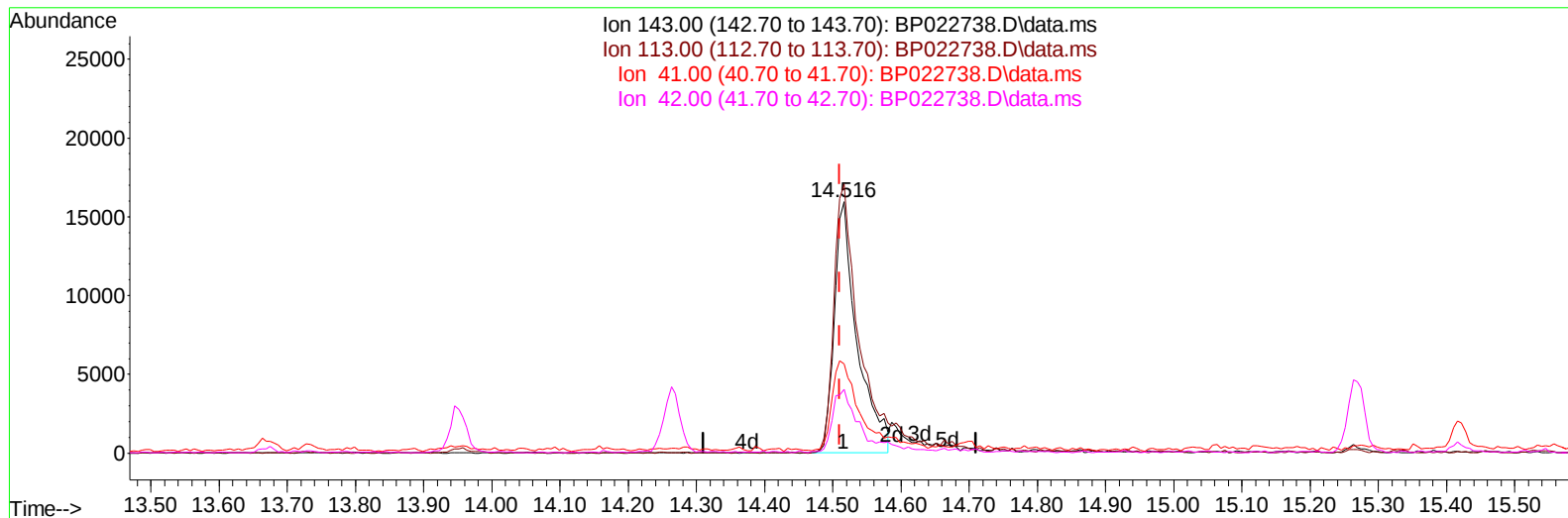
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022738.D  
Acq On : 30 Oct 2024 16:27  
Operator : RC/JU  
Sample : P4492-10  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EN8

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 30 17:55:23 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration



TIC: BP022738.D\data.ms

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

14.516min (+ 0.006) 12.89 ng/u1

response 37297

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 106.90 |
| 41.00  | 35.90  | 35.45  |
| 42.00  | 23.70  | 25.25  |

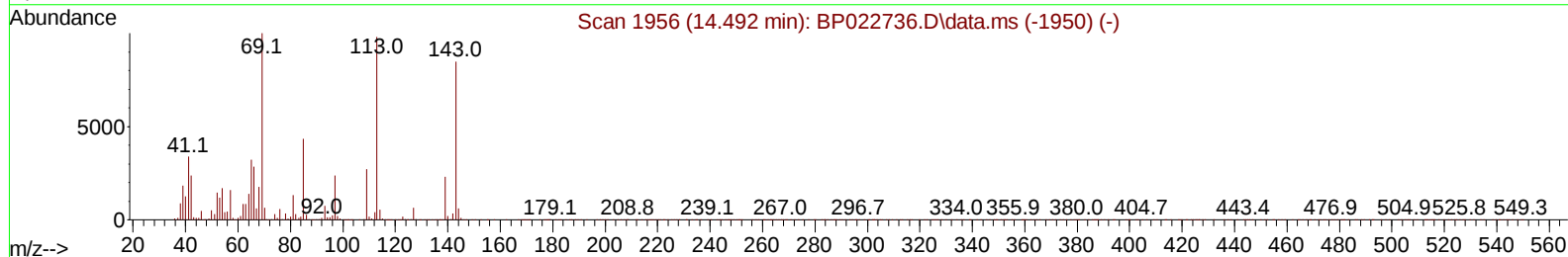
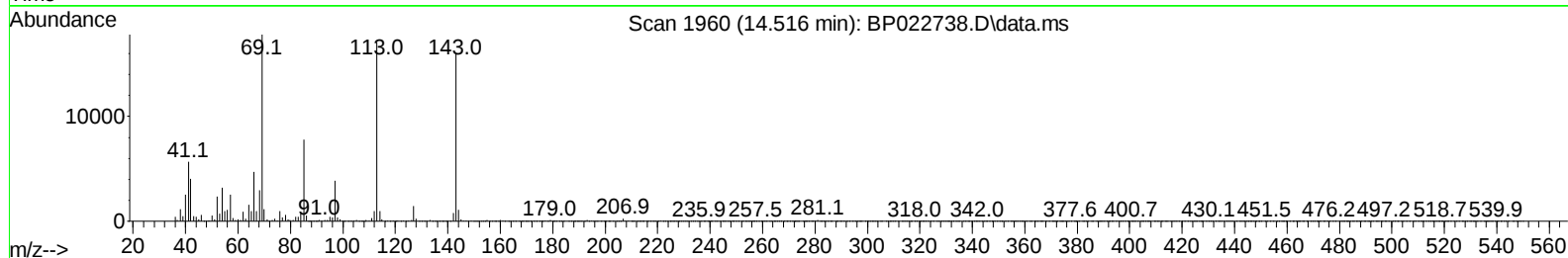
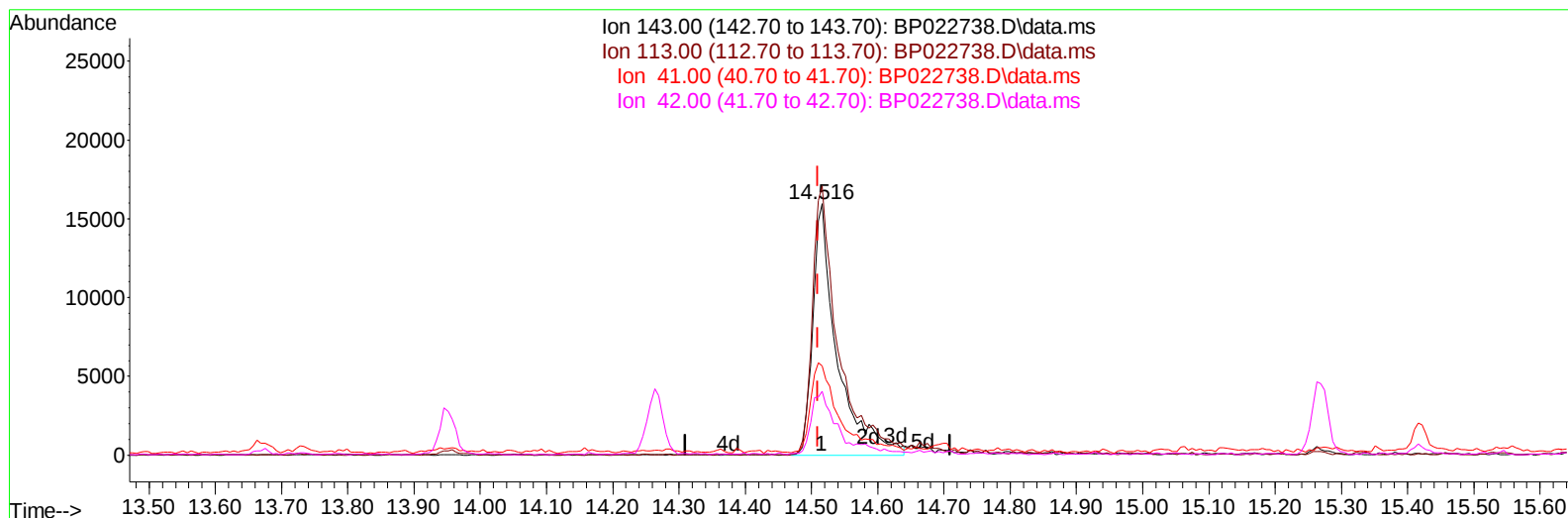
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022738.D  
Acq On : 30 Oct 2024 16:27  
Operator : RC/JU  
Sample : P4492-10  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EN8

Manual IntegrationsAPPROVED

Quant Time: Oct 30 17:55:23 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 30 10:56:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022738.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.516min (+ 0.006) 14.13 ng/ul m

response 40888

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 106.90 |
| 41.00  | 35.90  | 35.45  |
| 42.00  | 23.70  | 25.25  |

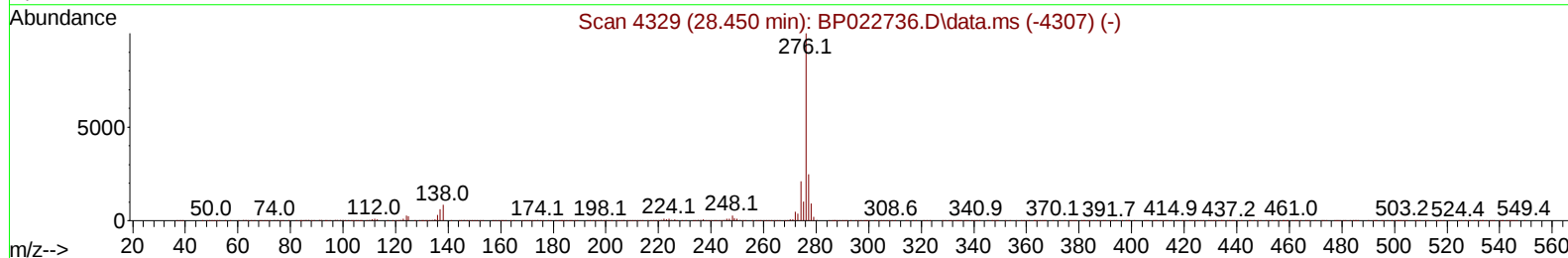
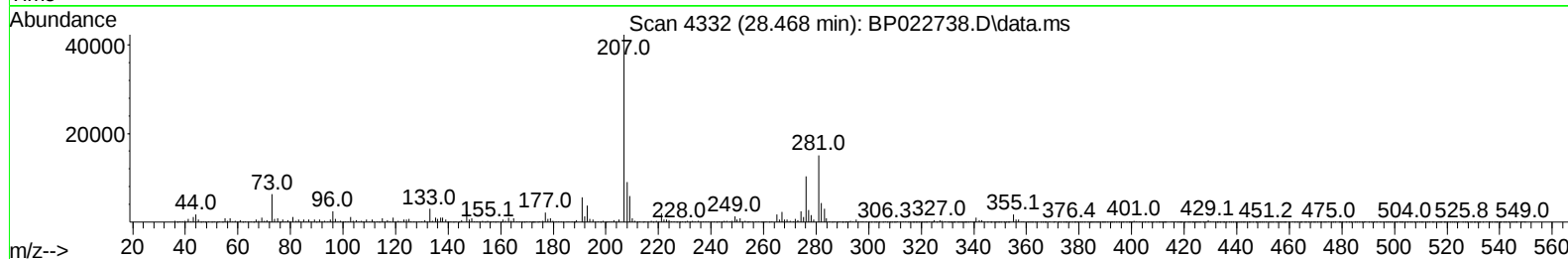
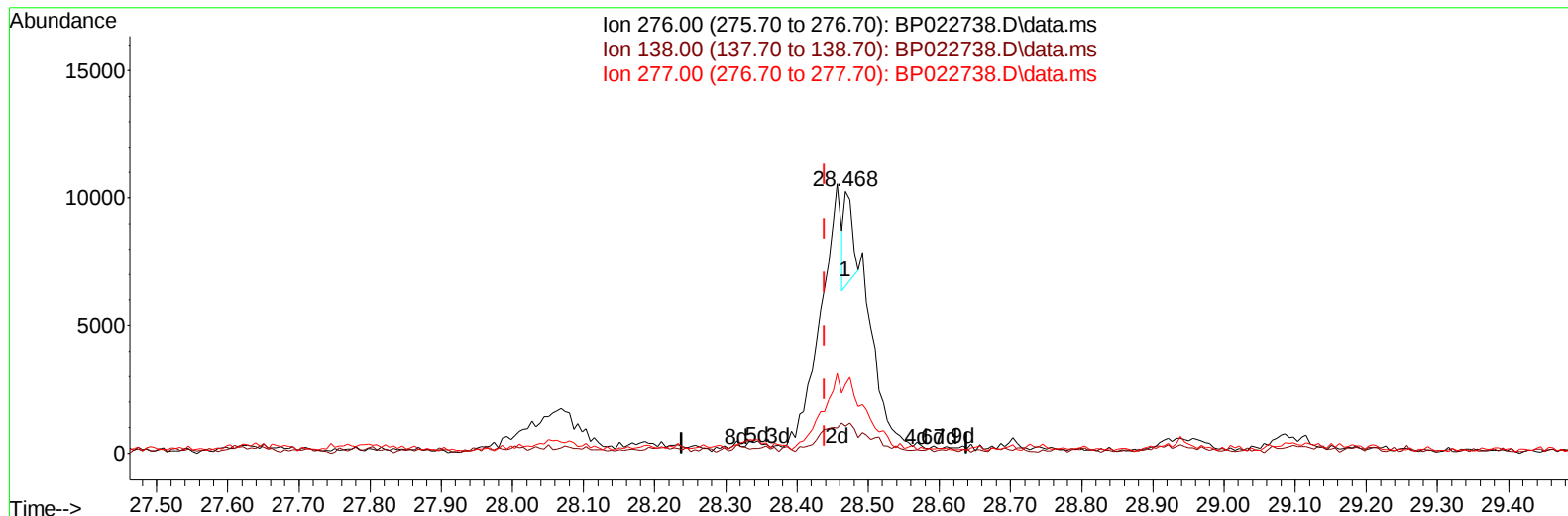
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
 Data File : BP022738.D  
 Acq On : 30 Oct 2024 16:27  
 Operator : RC/JU  
 Sample : P4492-10  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4EN8

Manual IntegrationsAPPROVED

Quant Time: Oct 30 17:55:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 11/04/2024  
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TIC: BP022738.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

28.468min (+ 0.029) 0.04 ng/u1

response 2904

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.40  | 10.23  |
| 277.00 | 23.20  | 26.41  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
 Data File : BP022738.D  
 Acq On : 30 Oct 2024 16:27  
 Operator : RC/JU  
 Sample : P4492-10  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4EN8

Manual IntegrationsAPPROVED

Quant Time: Oct 30 17:57:41 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 30 10:56:39 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :mohammad ahmed 11/05/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.634  | 152  | 74100    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.404 | 136  | 277574   | 20.000 | ng/ul  | 0.01     |
| 38) Acenaphthene-d10          | 14.263 | 164  | 217163   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.069 | 188  | 532229   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.510 | 240  | 680240   | 20.000 | ng/ul  | # 0.01   |
| 88) Perylene-d12              | 24.774 | 264  | 849231   | 20.000 | ng/ul  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 5464     | 2.865  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.593  | 84   | 75001    | 14.328 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.834  | 99   | 99151    | 15.896 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.981  | 67   | 60283    | 16.444 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.181  | 132  | 77733    | 17.563 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.346  | 113  | 85420    | 17.160 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.787  | 128  | 38021    | 17.815 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.499  | 143  | 46496    | 18.817 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.040 | 165  | 96002    | 18.280 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.540 | 131  | 97259    | 15.673 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.669 | 166  | 331543   | 19.215 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.951 | 160  | 351680   | 19.190 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.516 | 143  | 40888m   | 14.126 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.269 | 176  | 310398   | 20.741 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.422 | 200  | 39493    | 11.282 | ng/ul  | 0.02     |
| 73) Anthracene-d10            | 17.175 | 188  | 514764   | 20.560 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.545 | 212  | 734002   | 20.405 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.545 | 264  | 961349   | 21.197 | ng/ul  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.116 | 178  | 77358    | 2.717  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.204 | 202  | 137273   | 3.319  | ng/ul# | 97       |
| 82) Pyrene                    | 19.580 | 202  | 122648   | 2.767  | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.486 | 228  | 70006    | 1.468  | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149  | 24170    | 1.091  | ng/ul  | 98       |
| 87) Chrysene                  | 21.551 | 228  | 70718    | 1.599  | ng/ul  | 95       |
| 90) Benzo(b)fluoranthene      | 23.745 | 252  | 93793    | 1.755  | ng/ul  | 95       |
| 93) Benzo(a)pyrene            | 24.610 | 252  | 63247    | 1.286  | ng/ul# | 91       |
| -----                         |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103024\  
Data File : BP022738.D  
Acq On : 30 Oct 2024 16:27  
Operator : RC/JU  
Sample : P4492-10  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EN8

## Manual IntegrationsAPPROVED

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