

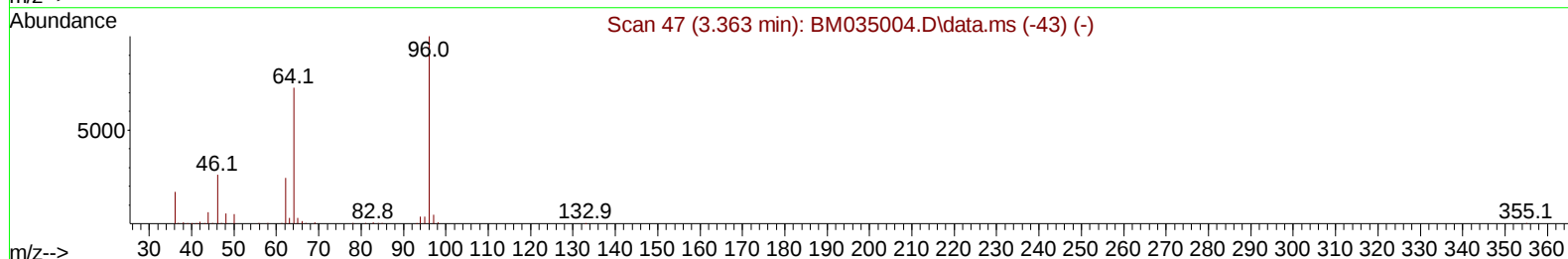
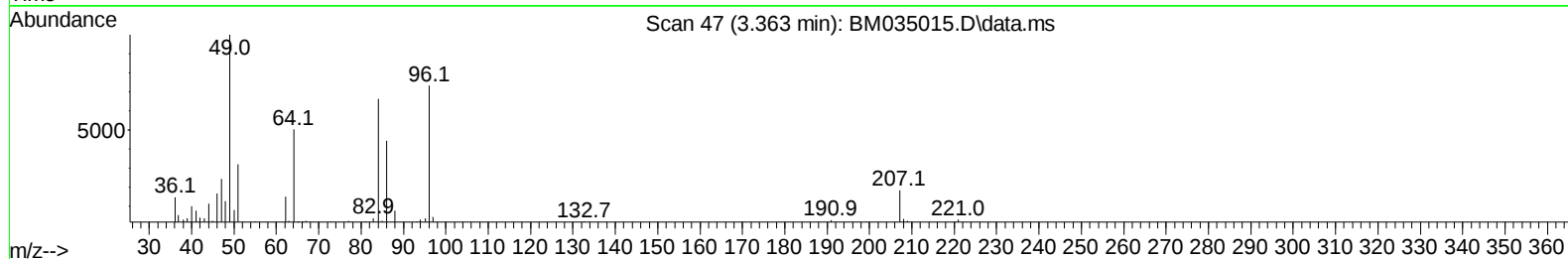
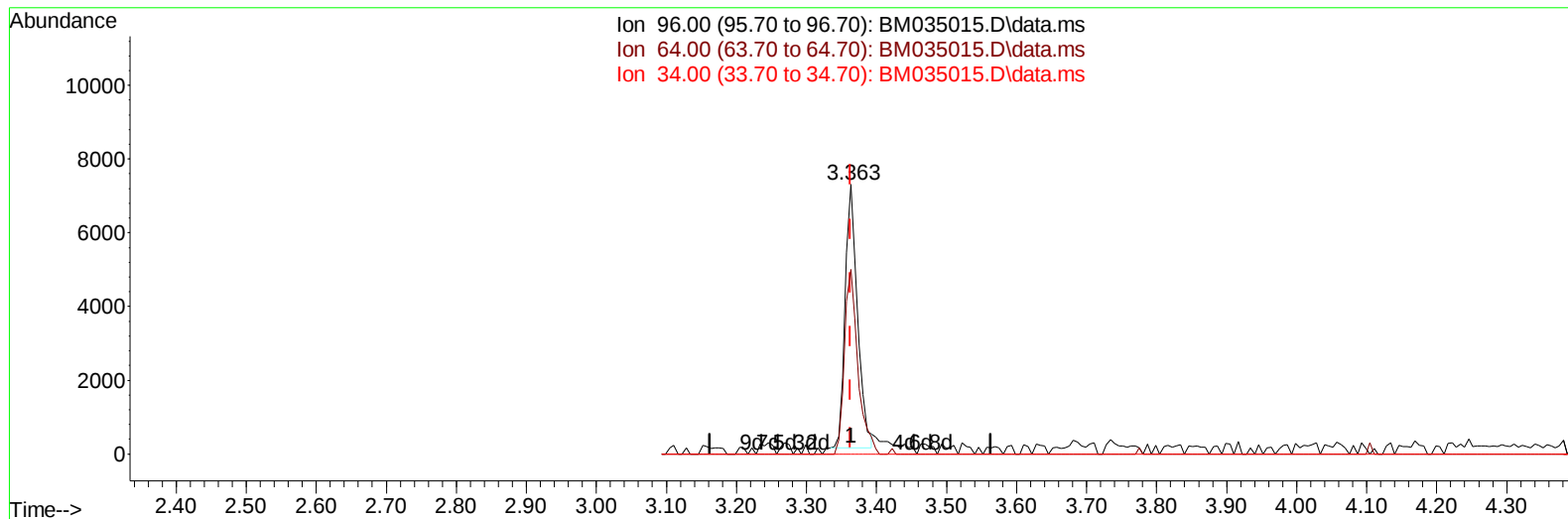
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
 Data File : BM035015.D  
 Acq On : 12 May 2022 09:44  
 Operator : CG/JU  
 Sample : N2603-23DL 2X  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW4A2DL

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
 Supervised By :Yogesh Patel 05/17/2022



TIC: BM035015.D\data.ms

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

**3.363min (+ 0.000) 2.20 ng/uL**

**response 8742**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 72.40  | 68.52  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

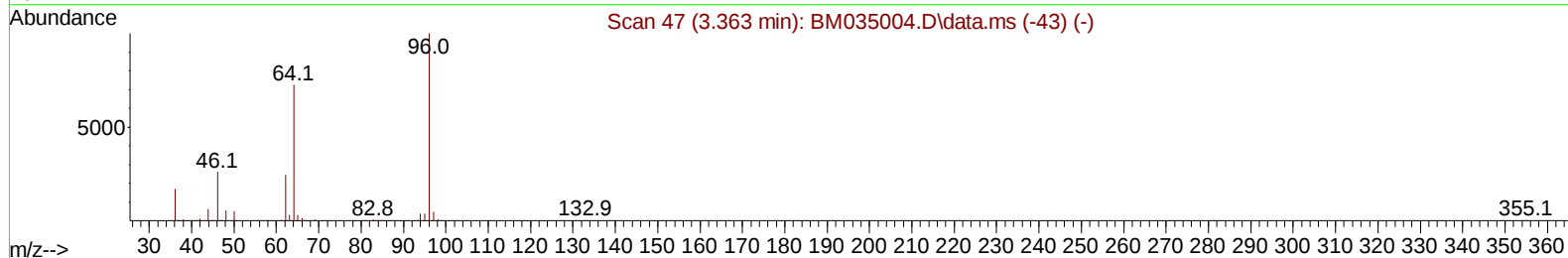
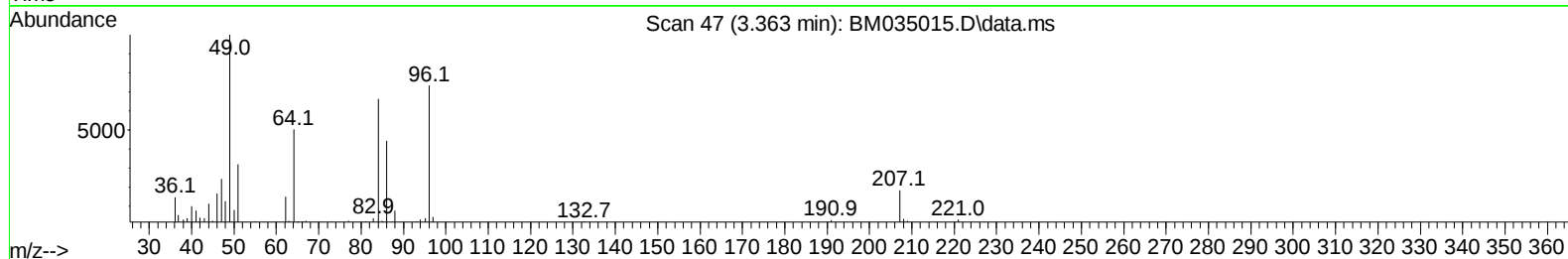
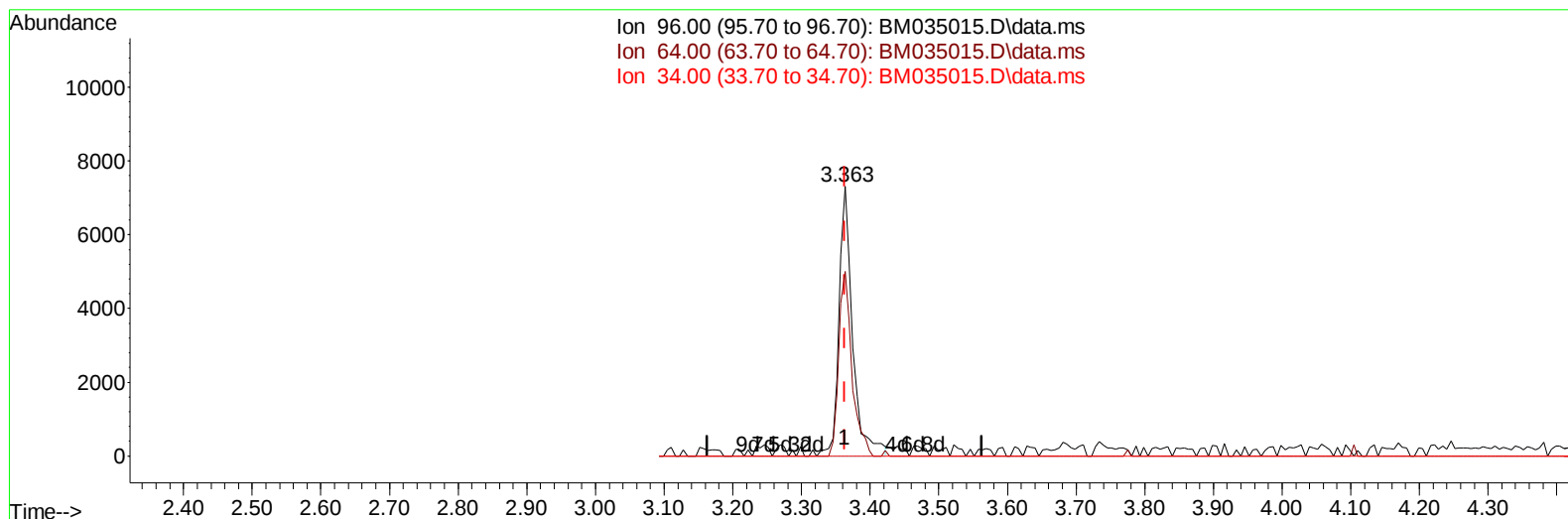
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
Data File : BM035015.D  
Acq On : 12 May 2022 09:44  
Operator : CG/JU  
Sample : N2603-23DL 2X  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW4A2DL

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:32 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 10 16:40:09 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
Supervised By :Yogesh Patel 05/17/2022



TIC: BM035015.D\data.ms

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

3.363min (+ 0.000) 2.54 ng/uL m

response 10081

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 72.40  | 68.52  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

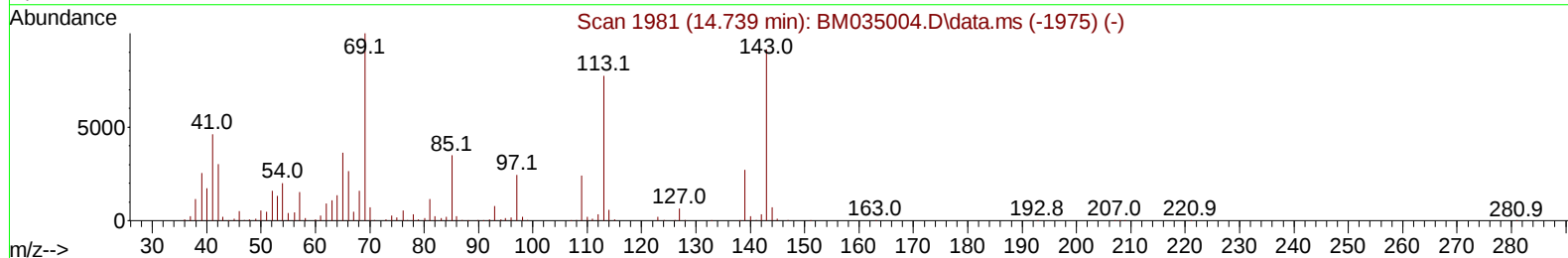
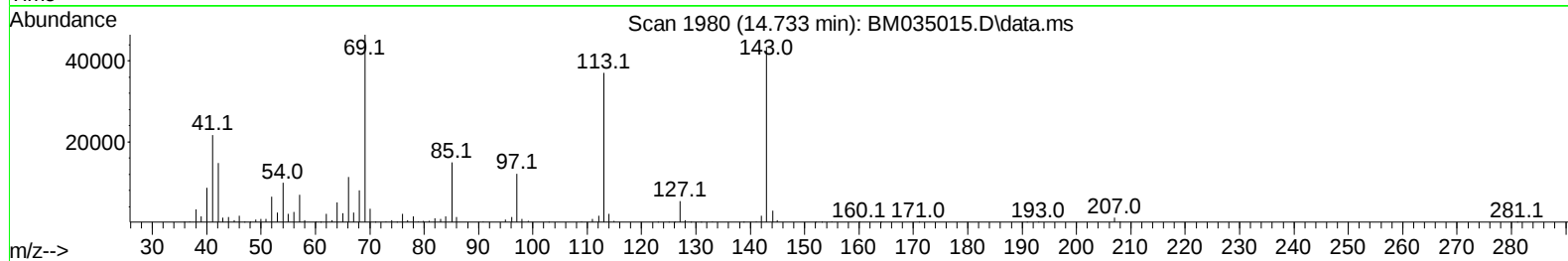
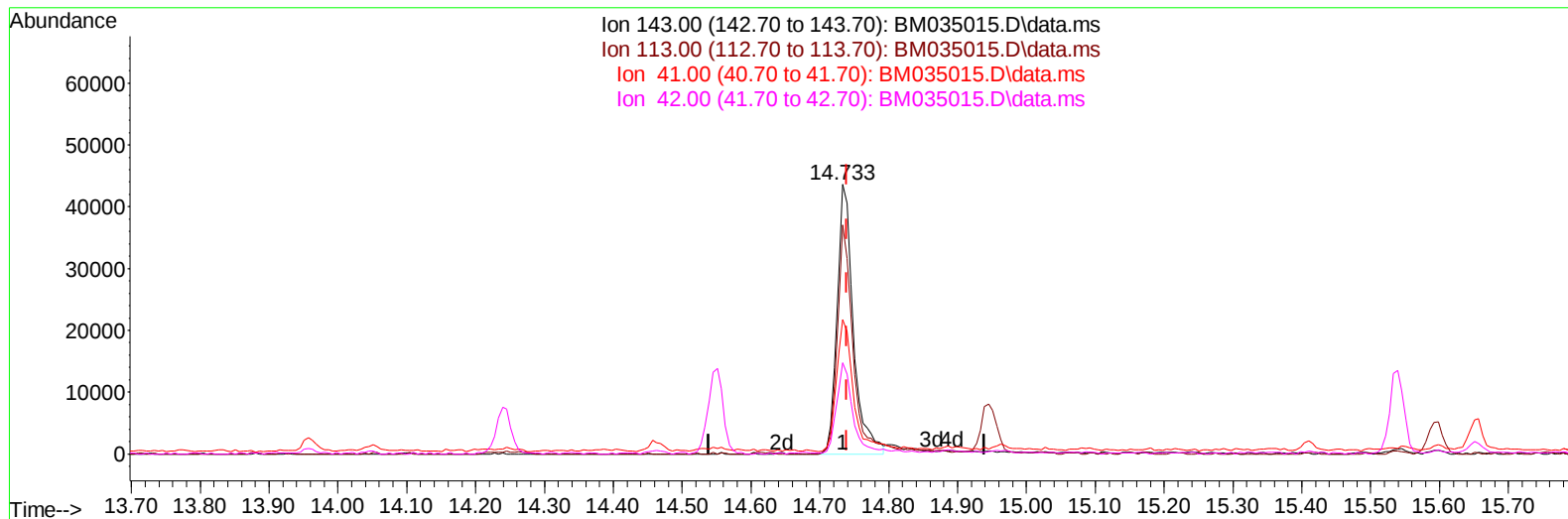
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
Data File : BM035015.D  
Acq On : 12 May 2022 09:44  
Operator : CG/JU  
Sample : N2603-23DL 2X  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW4A2DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022  
Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 13 04:38:32 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 10 16:40:09 2022  
Response via : Initial Calibration



TIC: BM035015.D\data.ms

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

14.733min (-0.006) 10.55 ng/u1

response 71326

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 80.00  | 84.95  |
| 41.00  | 42.20  | 49.76  |
| 42.00  | 28.30  | 33.78  |

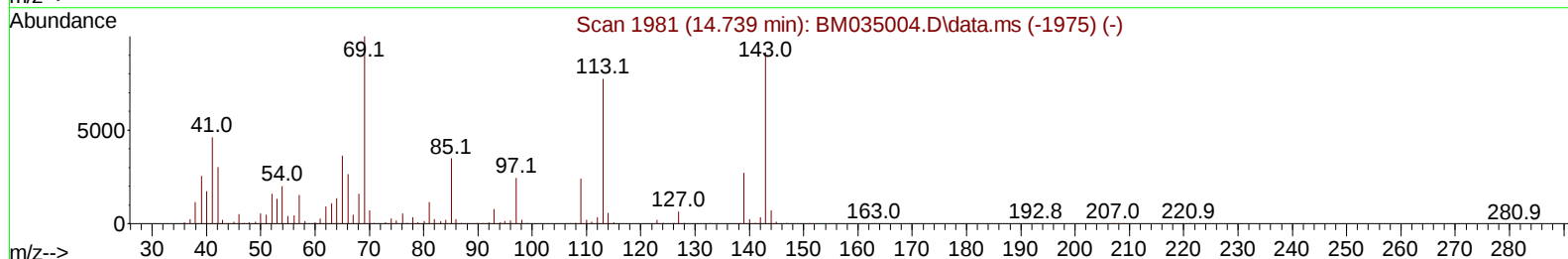
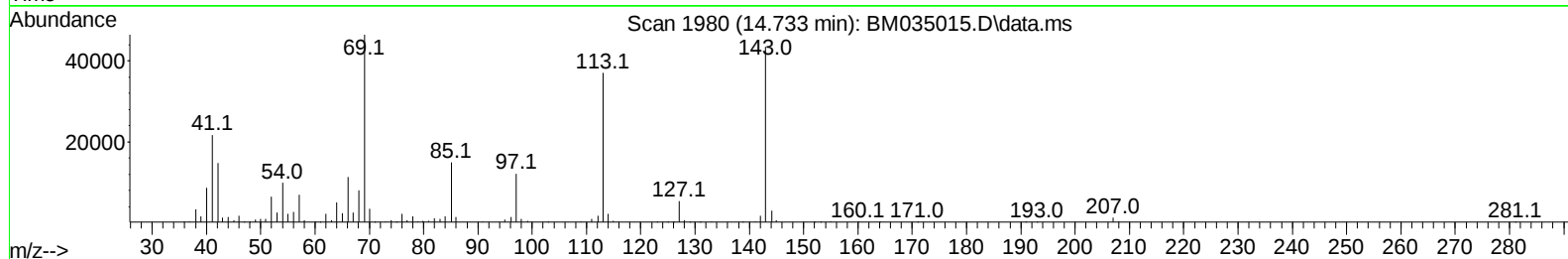
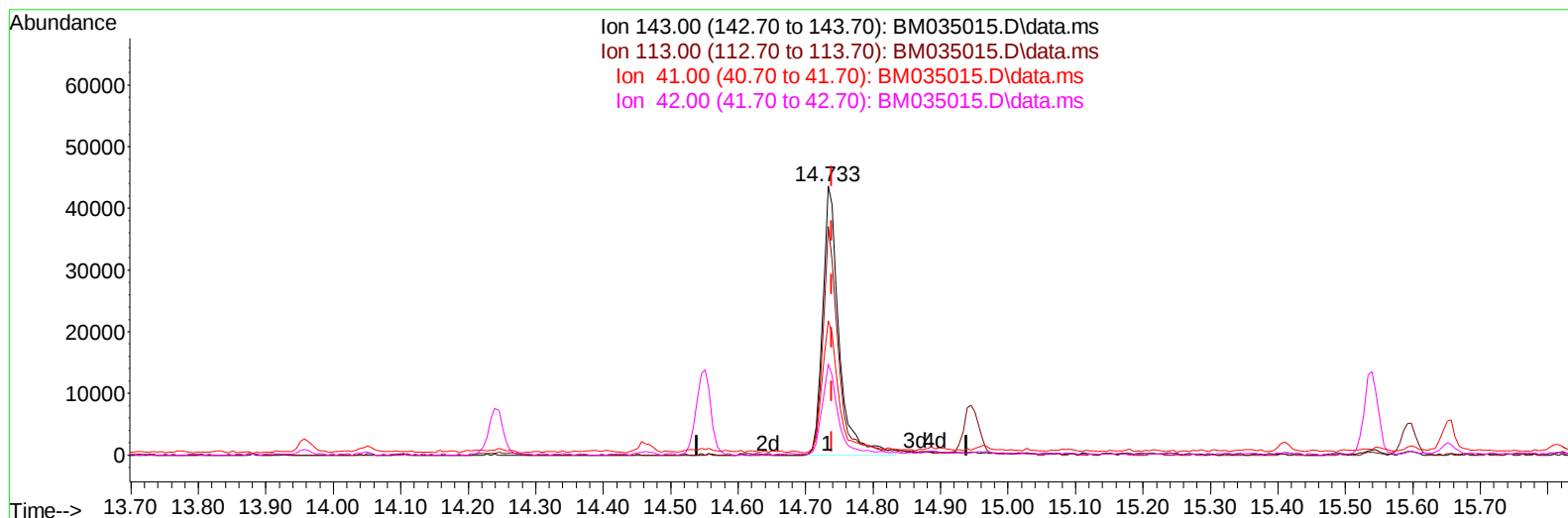
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
 Data File : BM035015.D  
 Acq On : 12 May 2022 09:44  
 Operator : CG/JU  
 Sample : N2603-23DL 2X  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW4A2DL

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
 Supervised By :Yogesh Patel 05/17/2022



TIC: BM035015.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.733min (-0.006) 10.95 ng/ul m

response 74090

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 80.00  | 84.95  |
| 41.00  | 42.20  | 49.76  |
| 42.00  | 28.30  | 33.78  |

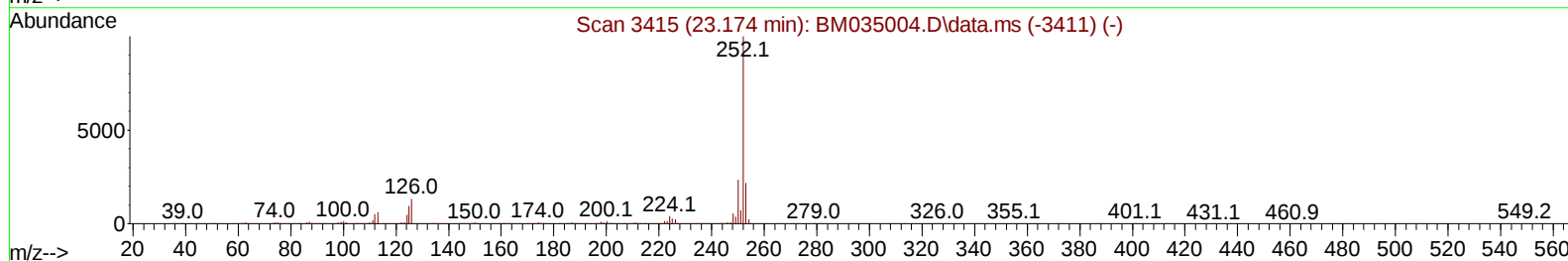
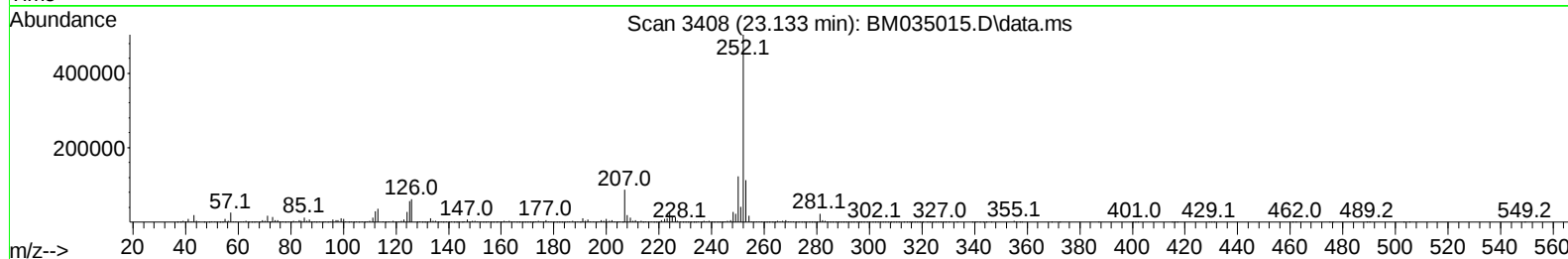
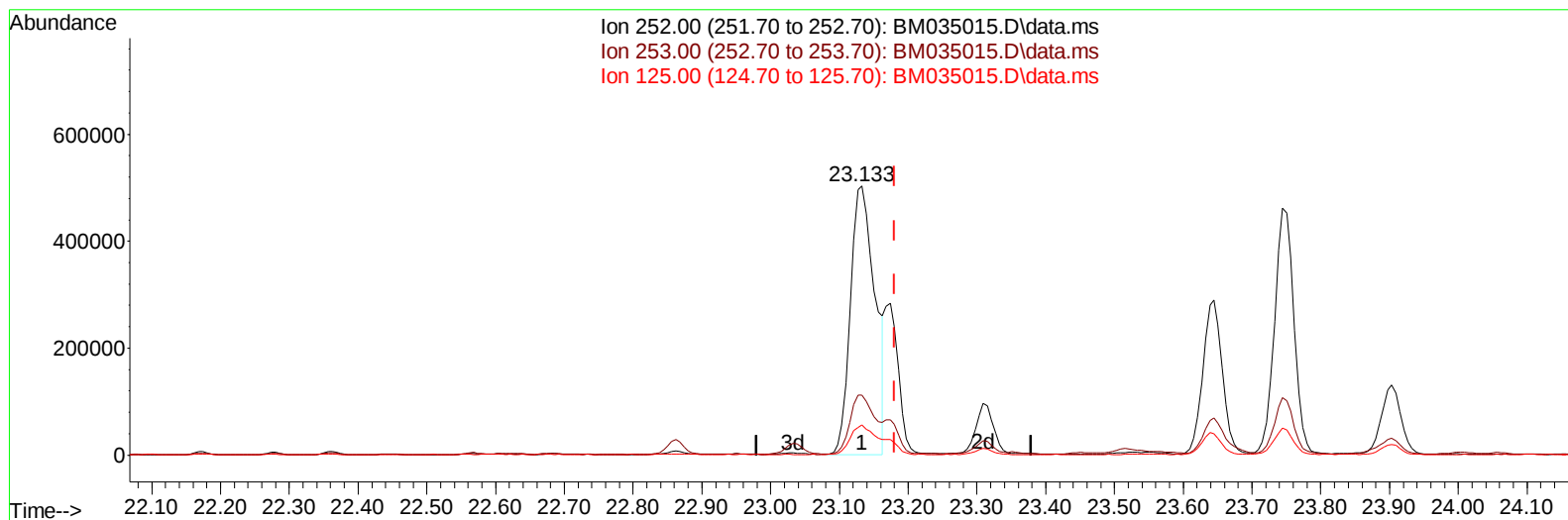
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
Data File : BM035015.D  
Acq On : 12 May 2022 09:44  
Operator : CG/JU  
Sample : N2603-23DL 2X  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW4A2DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022  
Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 13 04:38:32 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 10 16:40:09 2022  
Response via : Initial Calibration



TIC: BM035015.D\data.ms

**(91) Benzo(k)fluoranthene**

23.133min (-0.047) 24.07 ng/u1

response 1245407

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.80  | 22.33  |
| 125.00 | 9.70   | 11.24  |
| 0.00   | 0.00   | 0.00   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
 Data File : BM035015.D  
 Acq On : 12 May 2022 09:44  
 Operator : CG/JU  
 Sample : N2603-23DL 2X  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW4A2DL

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
 Supervised By :Yogesh Patel 05/17/2022

| Compound                      | R.T.   | Q   | Ion | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|--------|----------|
| -----                         |        |     |     |          |        |        |          |
| Internal Standards            |        |     |     |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.916  | 152 |     | 165919   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.722 | 136 |     | 764904   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.551 | 164 |     | 524893   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.292 | 188 |     | 1123445  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.468 | 240 |     | 908234   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.850 | 264 |     | 809000   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |     |     |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.363  | 96  |     | 10081m   | 2.542  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.781  | 84  |     | 62166    | 5.687  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.081  | 99  |     | 190610   | 13.280 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.246  | 67  |     | 128548   | 14.268 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.446  | 132 |     | 165077   | 14.635 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.622  | 113 |     | 114779   | 9.808  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.075  | 128 |     | 88974    | 15.177 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.798  | 143 |     | 93599    | 14.802 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.339 | 165 |     | 162196   | 13.706 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.851 | 131 |     | 141968   | 8.426  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.957 | 166 |     | 641187   | 16.197 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.239 | 160 |     | 751102   | 14.953 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.733 | 143 |     | 74090m   | 10.954 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.539 | 176 |     | 577970   | 17.306 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 200 |     | 63089    | 8.912  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.392 | 188 |     | 891334   | 16.307 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.680 | 212 |     | 1048556  | 18.489 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.697 | 264 |     | 750133   | 17.742 | ng/ul  | 0.00     |
| Target Compounds              |        |     |     |          |        |        |          |
|                               |        |     |     |          |        | Qvalue |          |
| 30) Naphthalene               | 10.769 | 128 |     | 115547   | 2.875  | ng/ul  | 98       |
| 36) 2-Methylnaphthalene       | 12.381 | 142 |     | 48539    | 1.747  | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.598 | 142 |     | 32041    | 1.140  | ng/ul  | 94       |
| 50) Acenaphthylene            | 14.275 | 152 |     | 60905    | 1.207  | ng/ul# | 97       |
| 52) Acenaphthene              | 14.616 | 153 |     | 54685    | 1.621  | ng/ul  | 100      |
| 56) Dibenzofuran              | 14.945 | 168 |     | 217165   | 4.675  | ng/ul  | 94       |
| 61) Fluorene                  | 15.592 | 166 |     | 327818   | 8.627  | ng/ul  | 99       |
| 72) Phenanthrene              | 17.333 | 178 |     | 2554489  | 40.425 | ng/ul  | 99       |
| 74) Anthracene                | 17.421 | 178 |     | 573462   | 8.973  | ng/ul  | 99       |
| 77) Carbazole                 | 17.692 | 167 |     | 138691   | 2.468  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.345 | 202 |     | 3197708  | 46.903 | ng/ul  | 98       |
| 82) Pyrene                    | 19.709 | 202 |     | 2429977  | 34.903 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.451 | 228 |     | 1186858  | 20.113 | ng/ul  | 98       |
| 87) Chrysene                  | 21.503 | 228 |     | 1044765  | 18.181 | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.133 | 252 |     | 1245407  | 22.918 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.174 | 252 |     | 382038m  | 7.383  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 23.744 | 252 |     | 902494   | 17.421 | ng/ul# | 94       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.315 | 276 |     | 583808   | 9.851  | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.321 | 278 |     | 143832   | 2.831  | ng/ul# | 86       |
| 96) Benzo(g,h,i)perylene      | 27.074 | 276 |     | 458334   | 9.311  | ng/ul# | 94       |
| -----                         |        |     |     |          |        |        |          |

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

**Instrument :**

BNA\_M

**ClientSampleId :**

EW4A2DL

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 05/16/2022  
Supervised By :Yogesh Patel 05/17/2022

