

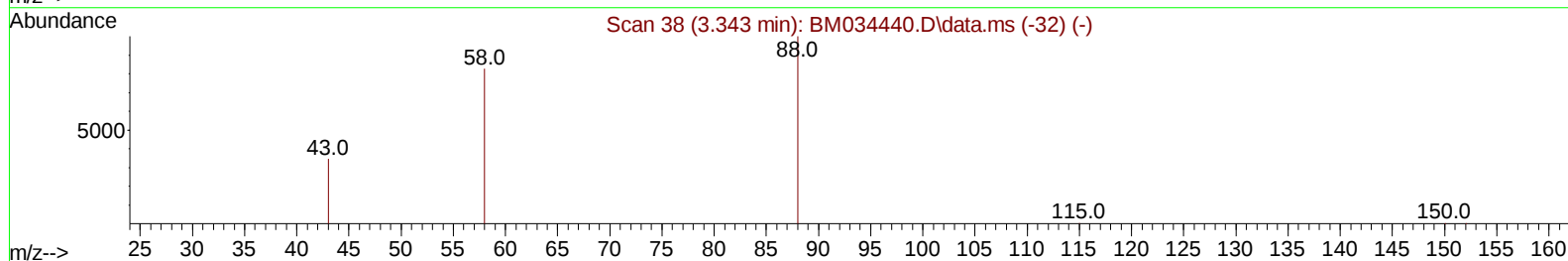
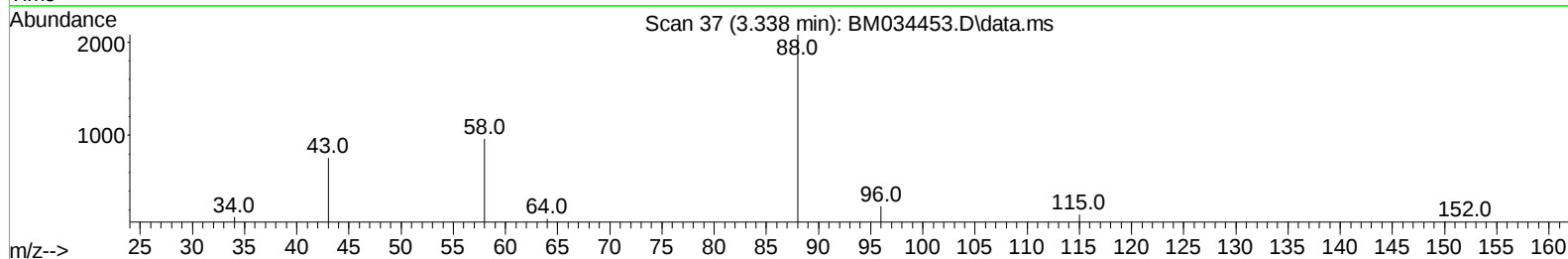
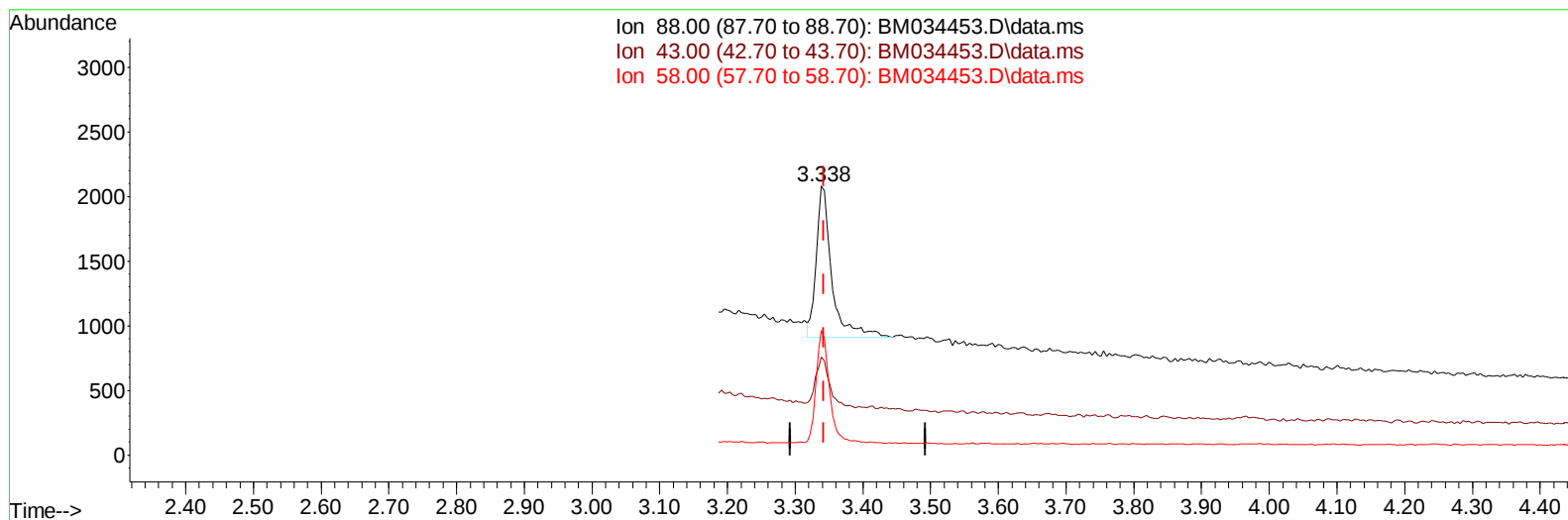
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
 Data File : BM034453.D  
 Acq On : 30 Mar 2022 23:12  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 28 18:27:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/31/2022  
 Supervised By :Yogesh Patel 04/02/2022



TIC: BM034453.D\data.ms

(2) 1,4-Dioxane

3.338min (-0.004) 0.57 ng/u1

response 1876

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 62.10  | 36.49# |
| 58.00 | 65.60  | 46.30# |
| 0.00  | 0.00   | 0.00   |

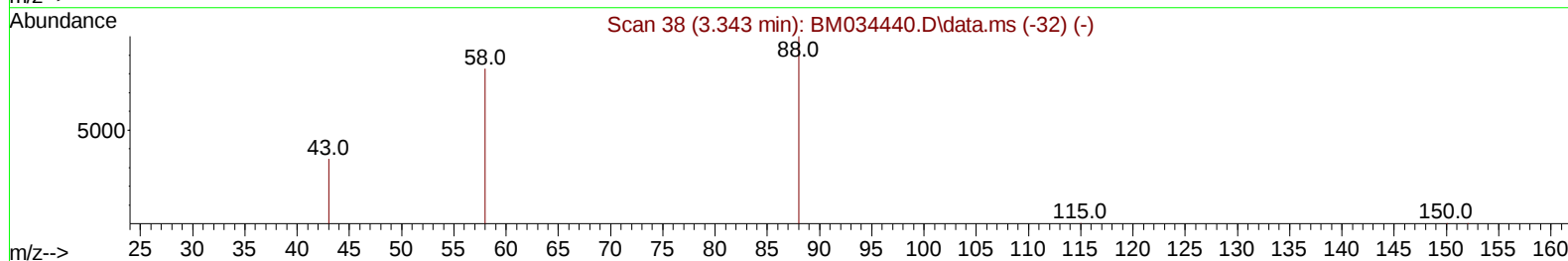
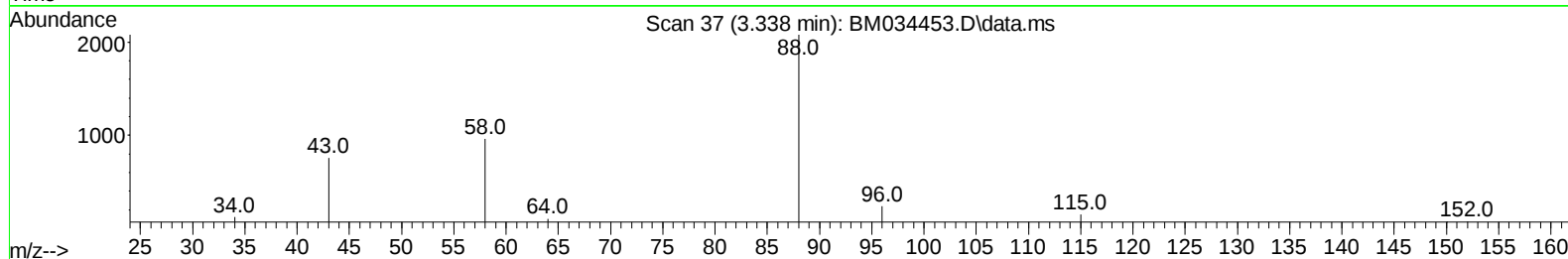
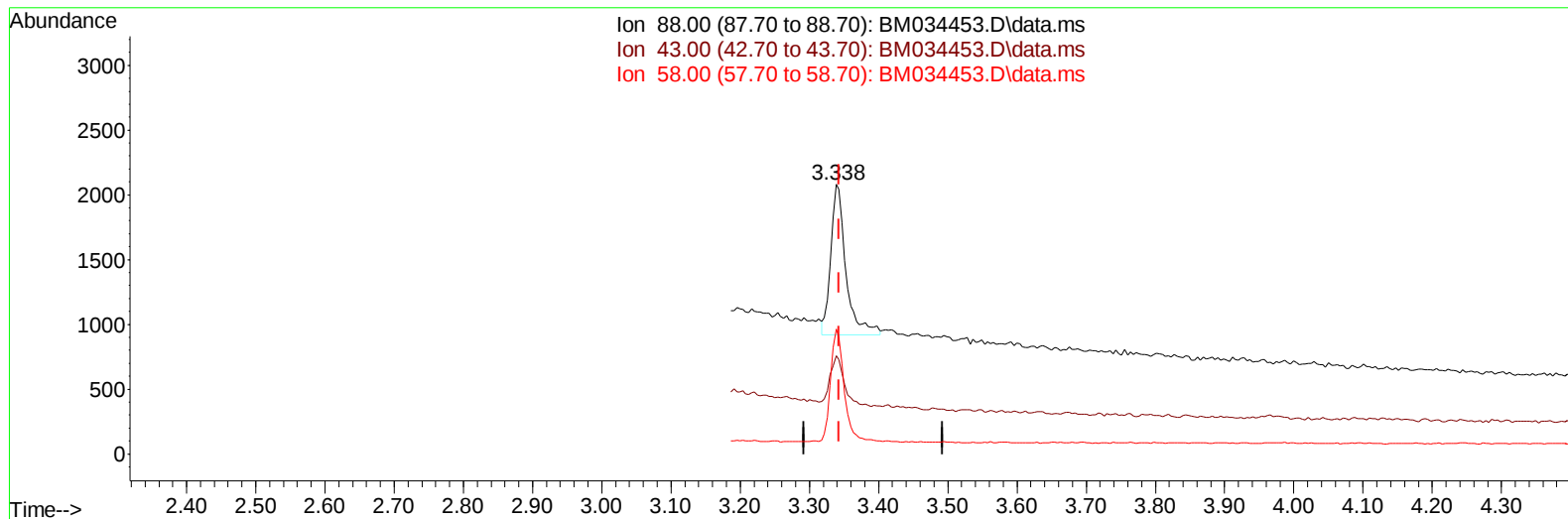
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
Data File : BM034453.D  
Acq On : 30 Mar 2022 23:12  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
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QLast Update : Mon Mar 28 18:27:40 2022  
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Reviewed By :Jagrut Upadhyay 03/31/2022  
Supervised By :Yogesh Patel 04/02/2022



TIC: BM034453.D\data.ms

(2) 1,4-Dioxane

3.338min (-0.004) 0.53 ng/ul m

response 1755

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 62.10  | 36.49# |
| 58.00 | 65.60  | 46.30# |
| 0.00  | 0.00   | 0.00   |

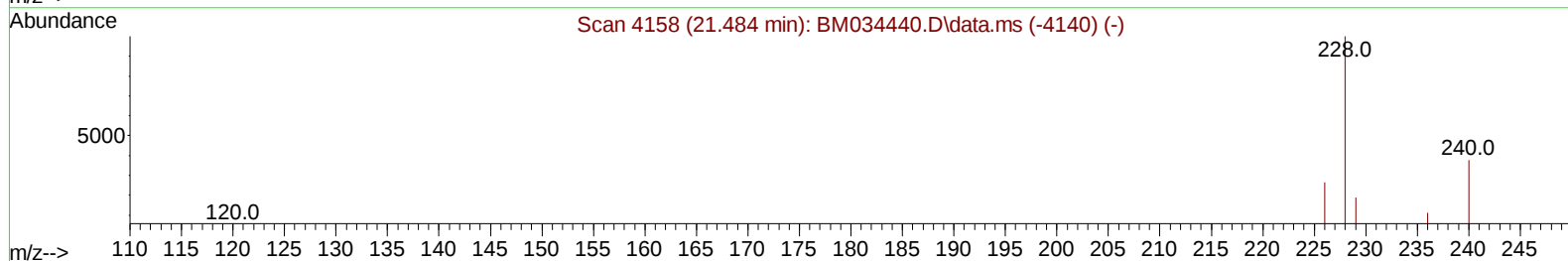
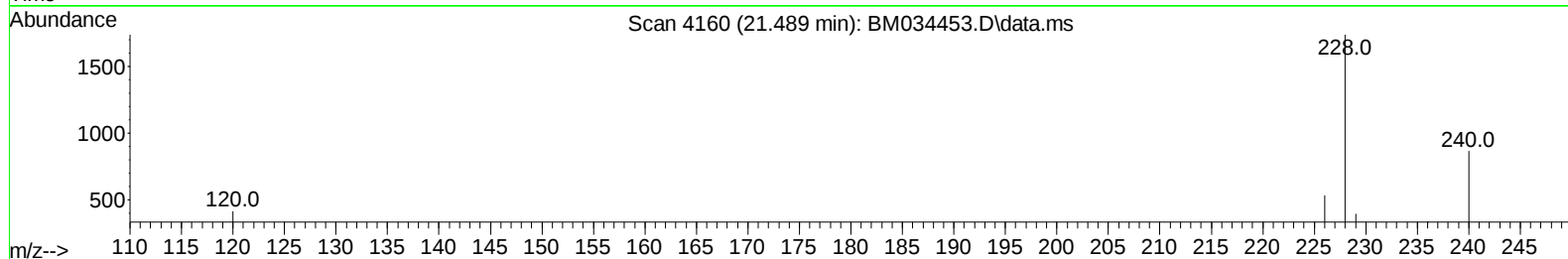
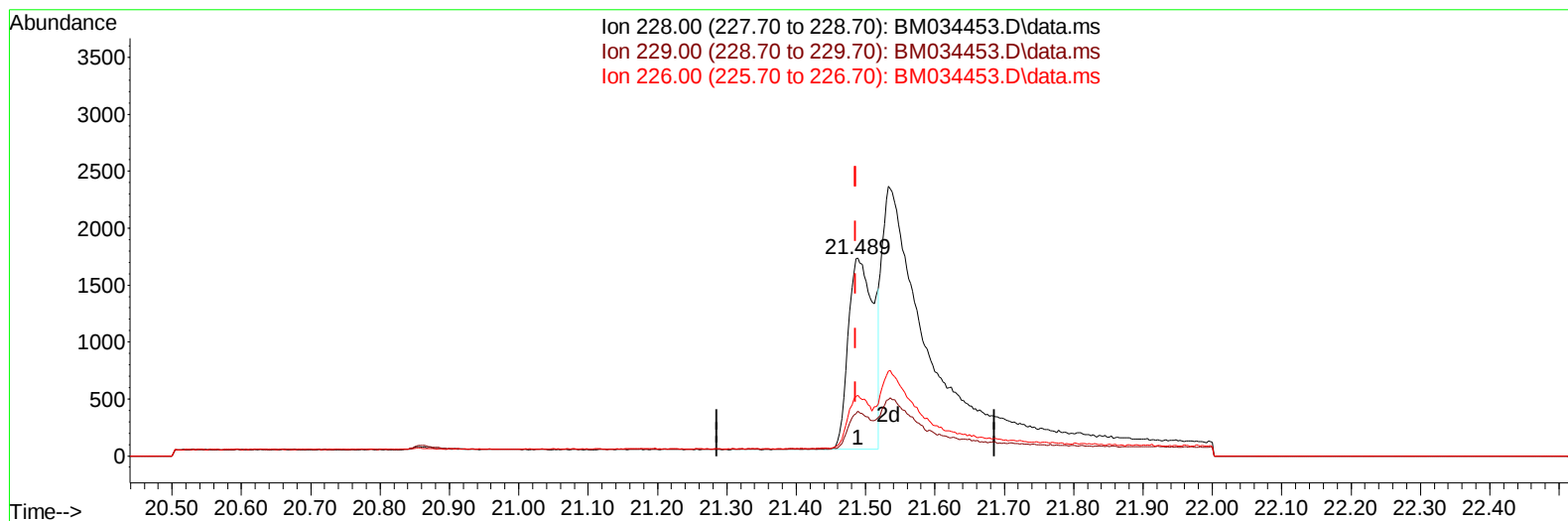
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
Data File : BM034453.D  
Acq On : 30 Mar 2022 23:12  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
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Reviewed By :Jagrut Upadhyay 03/31/2022  
Supervised By :Yogesh Patel 04/02/2022



TIC: BM034453.D\data.ms

(21) Benzo(a)anthracene

21.489min (+ 0.003) 0.30 ng/u1

response 4298

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 21.60  | 22.74  |
| 226.00 | 29.00  | 30.69  |
| 0.00   | 0.00   | 0.00   |

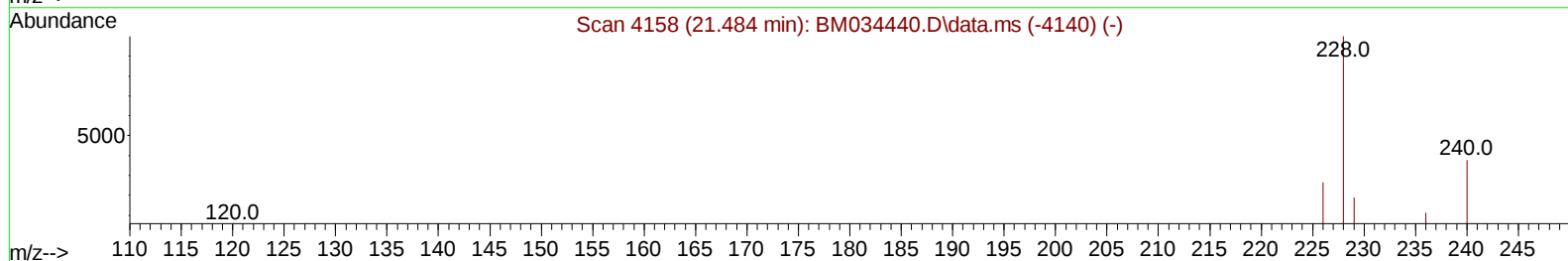
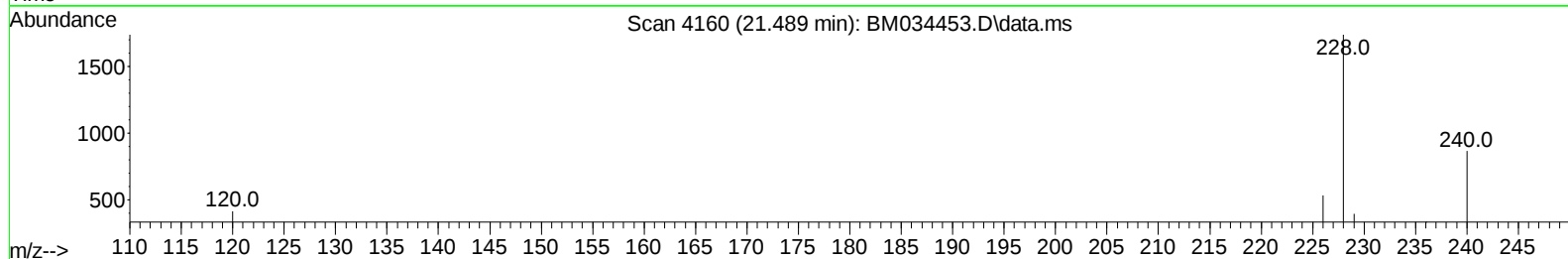
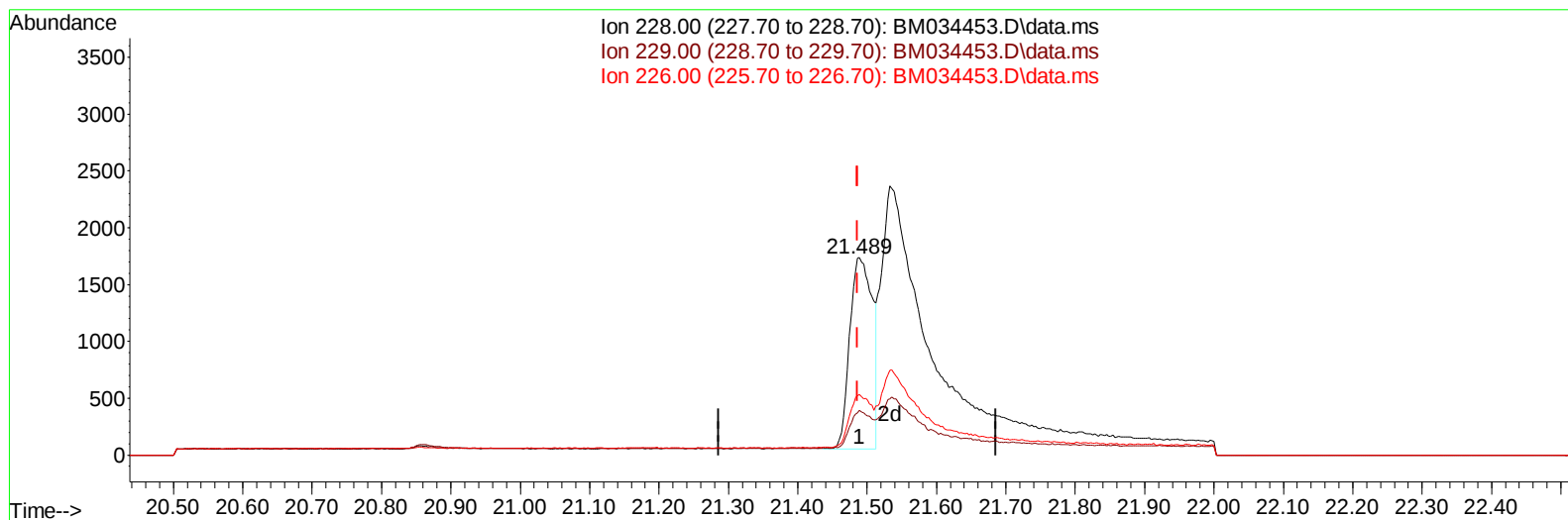
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
 Data File : BM034453.D  
 Acq On : 30 Mar 2022 23:12  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 28 18:27:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/31/2022  
 Supervised By :Yogesh Patel 04/02/2022



TIC: BM034453.D\data.ms

(21) Benzo(a)anthracene

21.489min (+ 0.003) 0.27 ng/ul m

response 3835

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 21.60  | 22.74  |
| 226.00 | 29.00  | 30.69  |
| 0.00   | 0.00   | 0.00   |

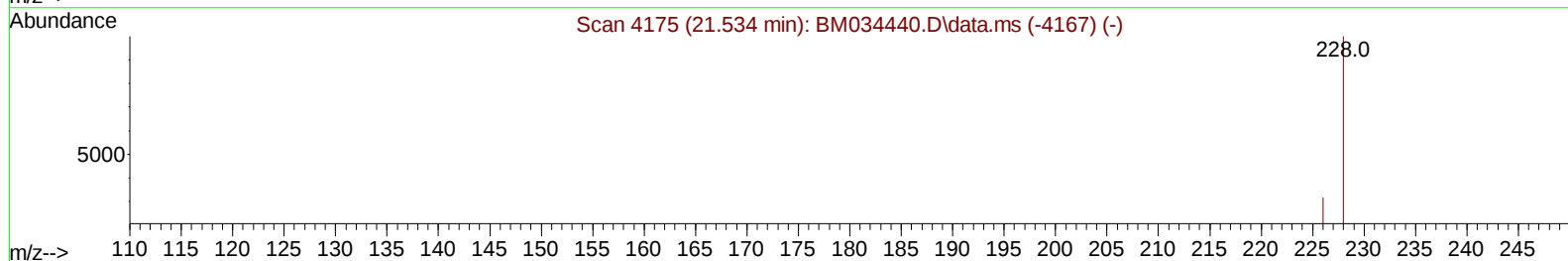
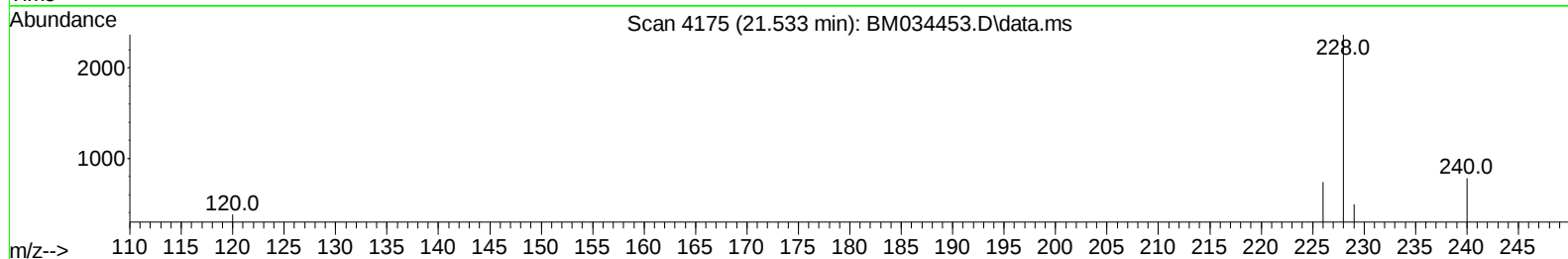
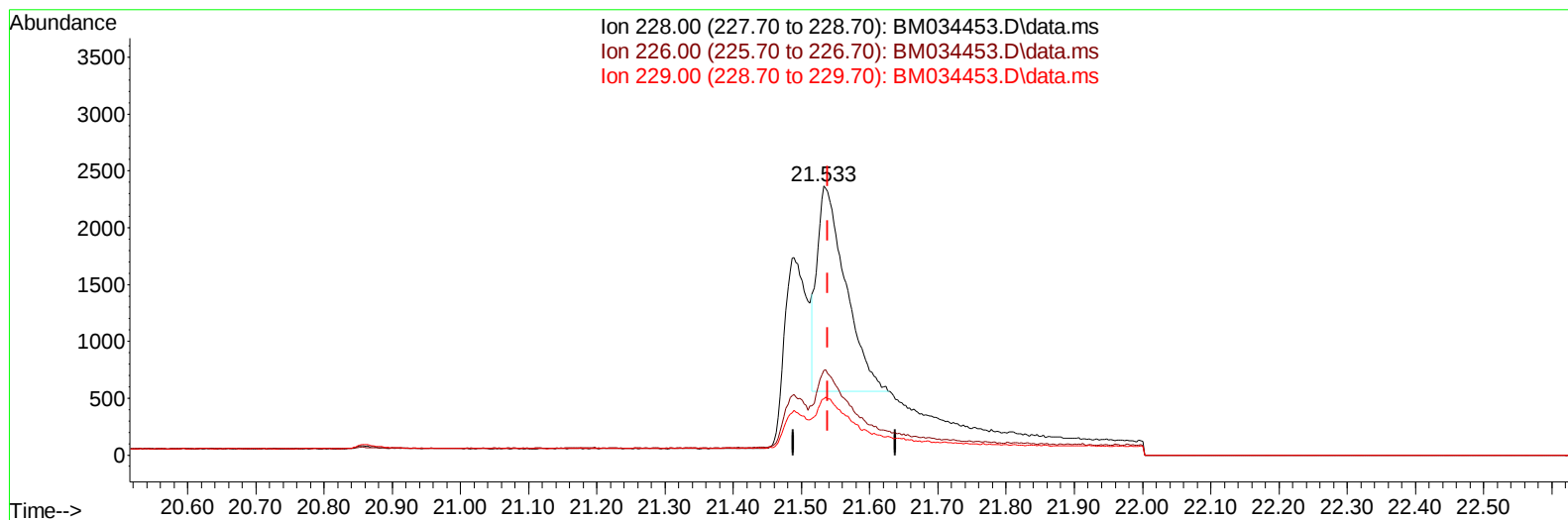
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
 Data File : BM034453.D  
 Acq On : 30 Mar 2022 23:12  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 28 18:27:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/31/2022  
 Supervised By :Yogesh Patel 04/02/2022



TIC: BM034453.D\data.ms

(22) Chrysene

21.533min (-0.006) 0.32 ng/u1

response 5218

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 32.30  | 31.36  |
| 229.00 | 20.90  | 20.92  |
| 0.00   | 0.00   | 0.00   |

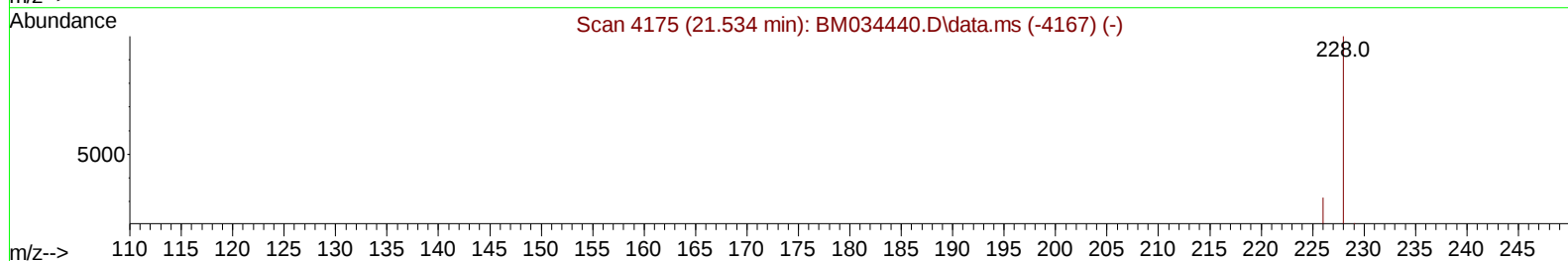
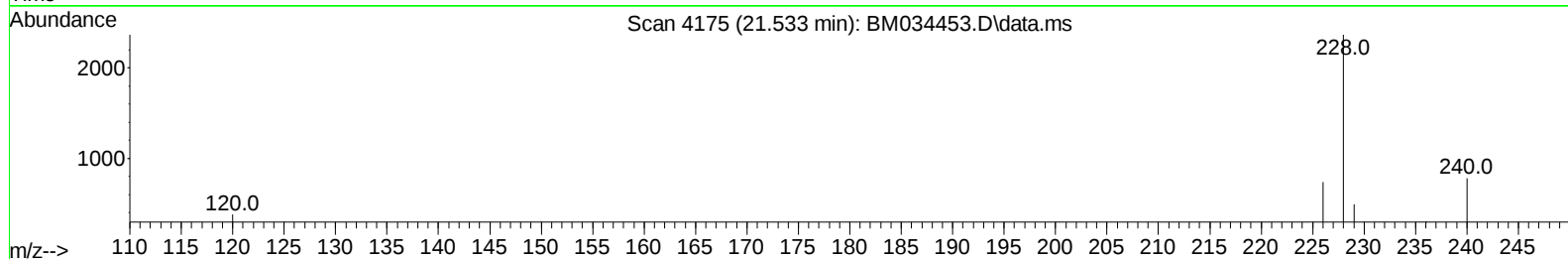
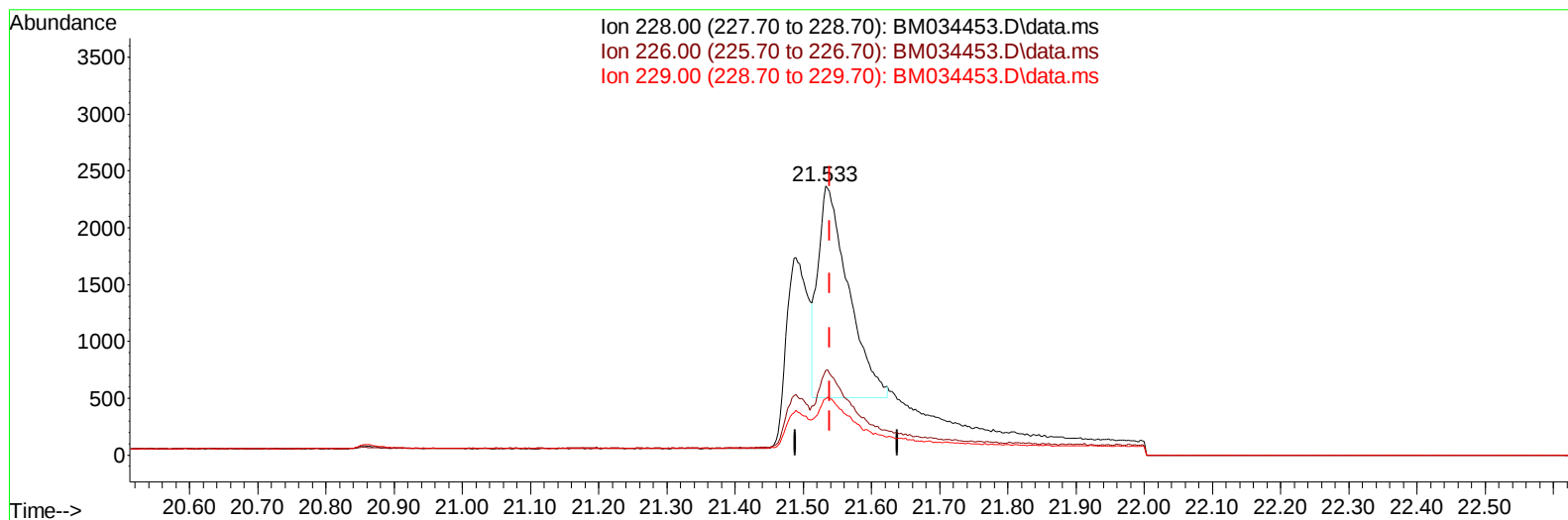
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
 Data File : BM034453.D  
 Acq On : 30 Mar 2022 23:12  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 28 18:27:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/31/2022  
 Supervised By :Yogesh Patel 04/02/2022



TIC: BM034453.D\data.ms

(22) Chrysene

21.533min (-0.006) 0.35 ng/ul m

response 5760

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 32.30  | 31.36  |
| 229.00 | 20.90  | 20.92  |
| 0.00   | 0.00   | 0.00   |

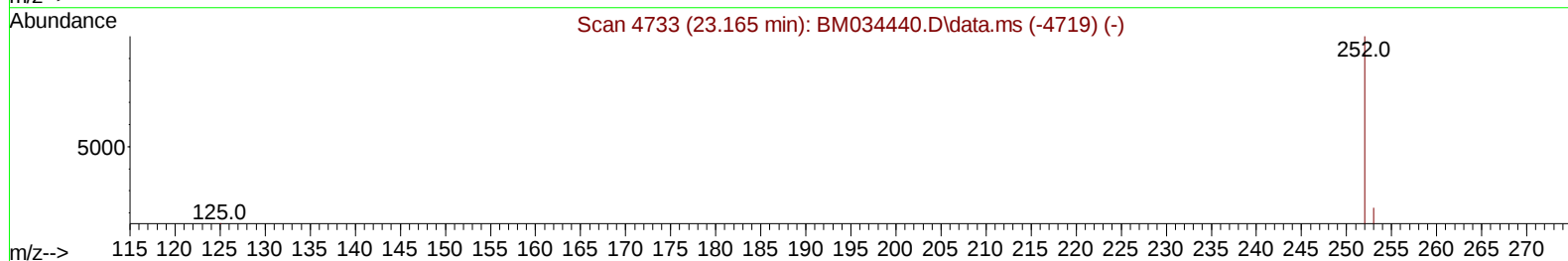
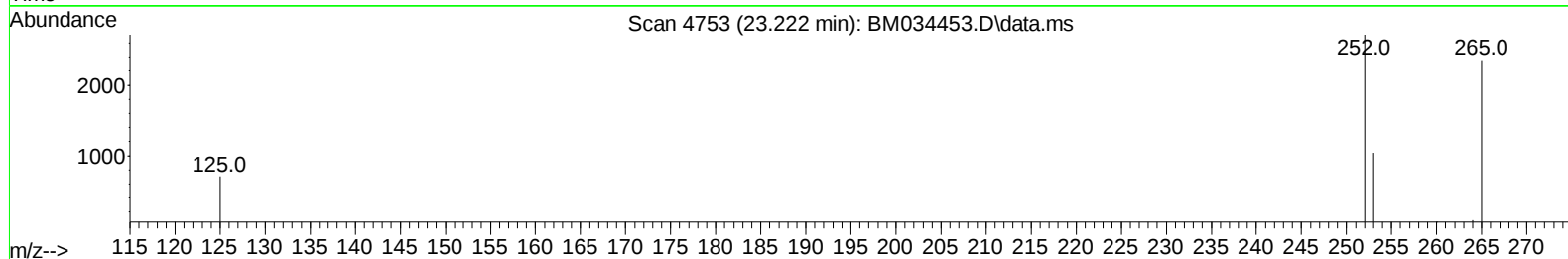
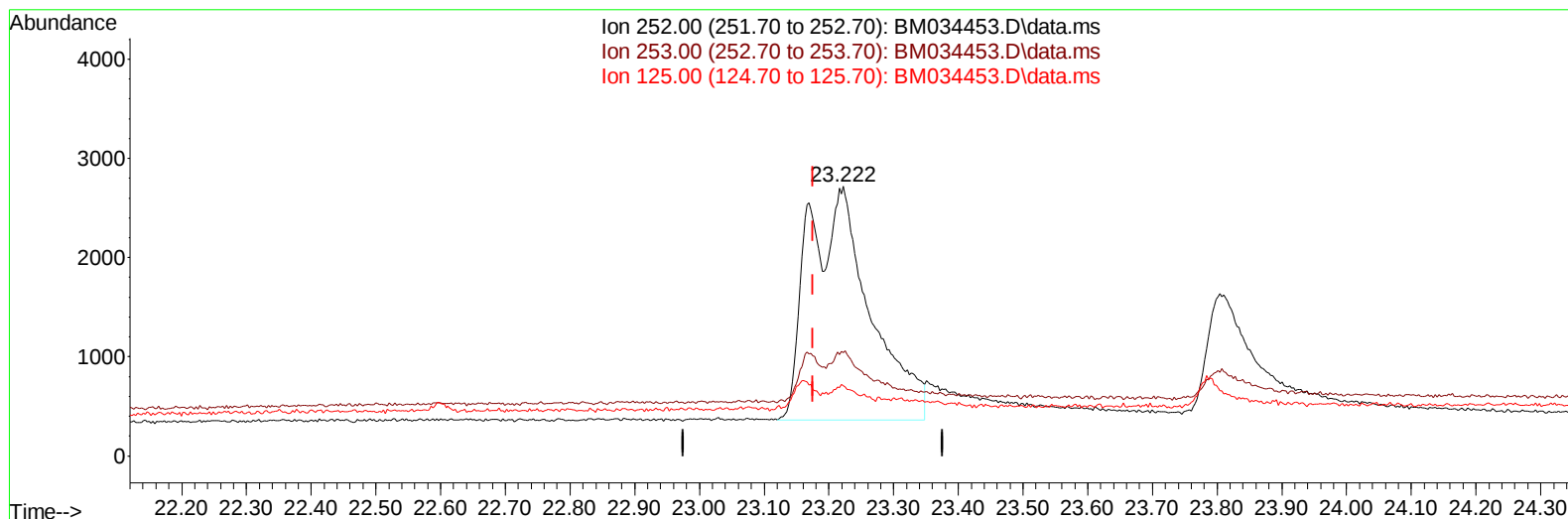
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
Data File : BM034453.D  
Acq On : 30 Mar 2022 23:12  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 28 18:27:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/31/2022  
Supervised By :Yogesh Patel 04/02/2022



TIC: BM034453.D\data.ms

(24) Benzo(b)fluoranthene

23.222min (+ 0.047) 0.95 ng/u1

response 15612

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.10  | 38.24  |
| 125.00 | 14.40  | 26.13  |
| 0.00   | 0.00   | 0.00   |

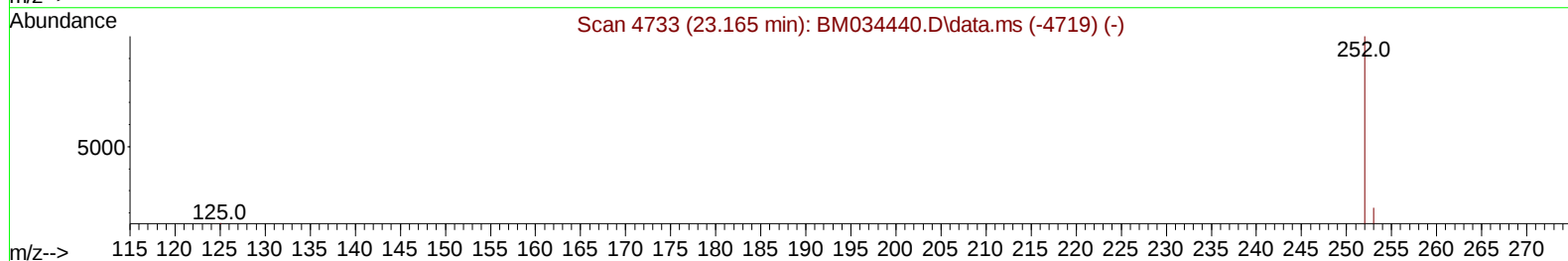
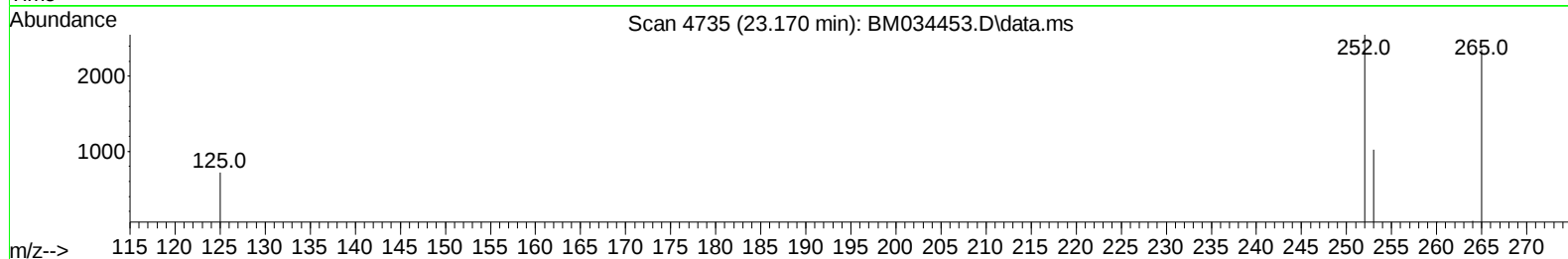
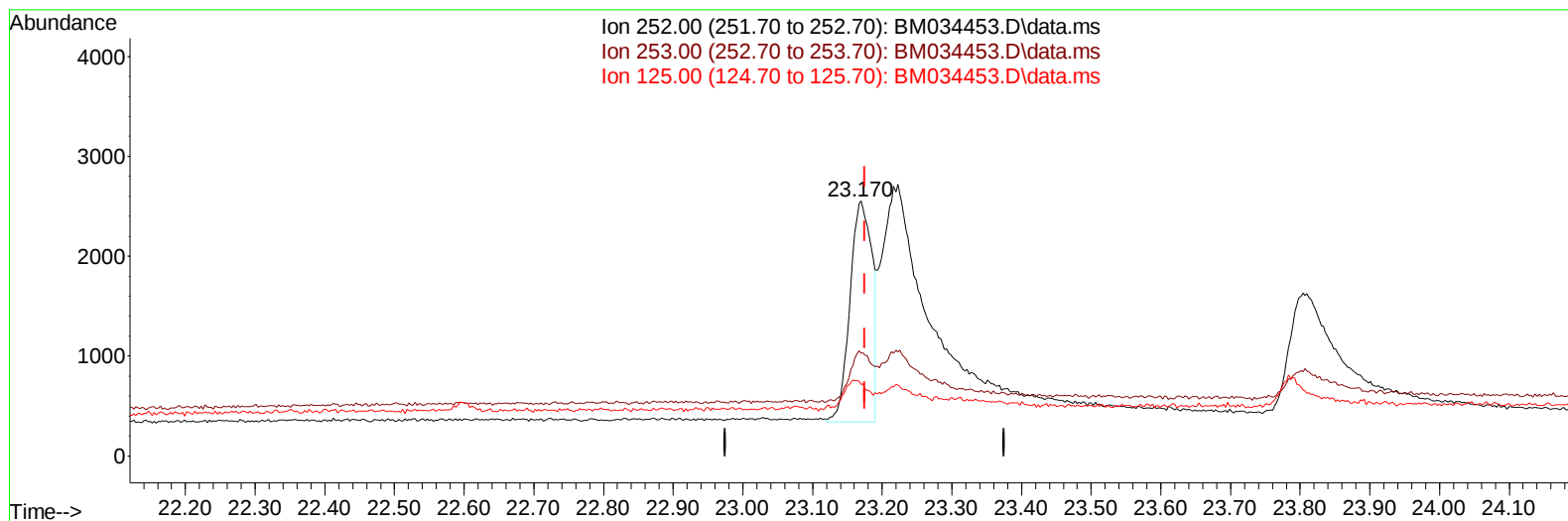
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
Data File : BM034453.D  
Acq On : 30 Mar 2022 23:12  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 28 18:27:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/31/2022  
Supervised By :Yogesh Patel 04/02/2022



TIC: BM034453.D\data.ms

(24) Benzo(b)fluoranthene

23.170min (-0.006) 0.30 ng/ul m

response 4911

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.10  | 40.23  |
| 125.00 | 14.40  | 28.05  |
| 0.00   | 0.00   | 0.00   |

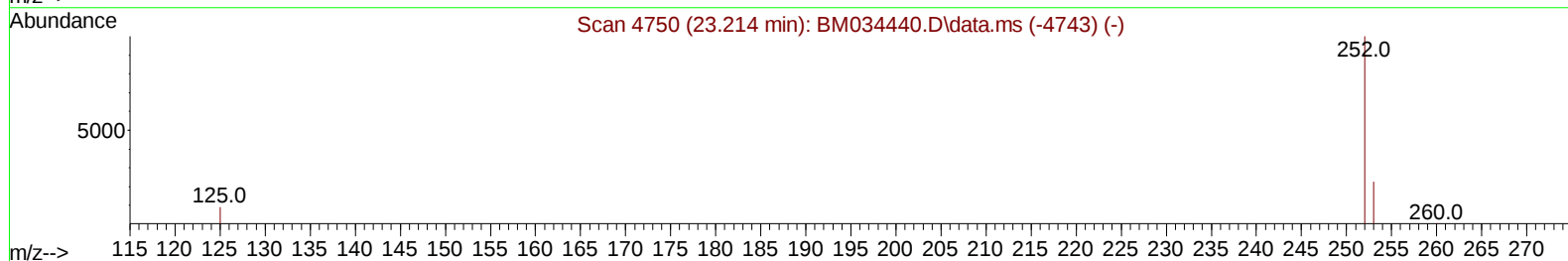
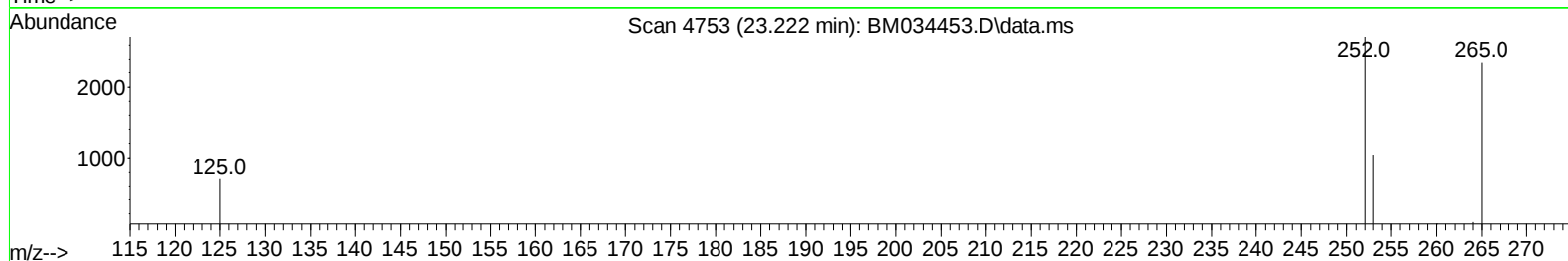
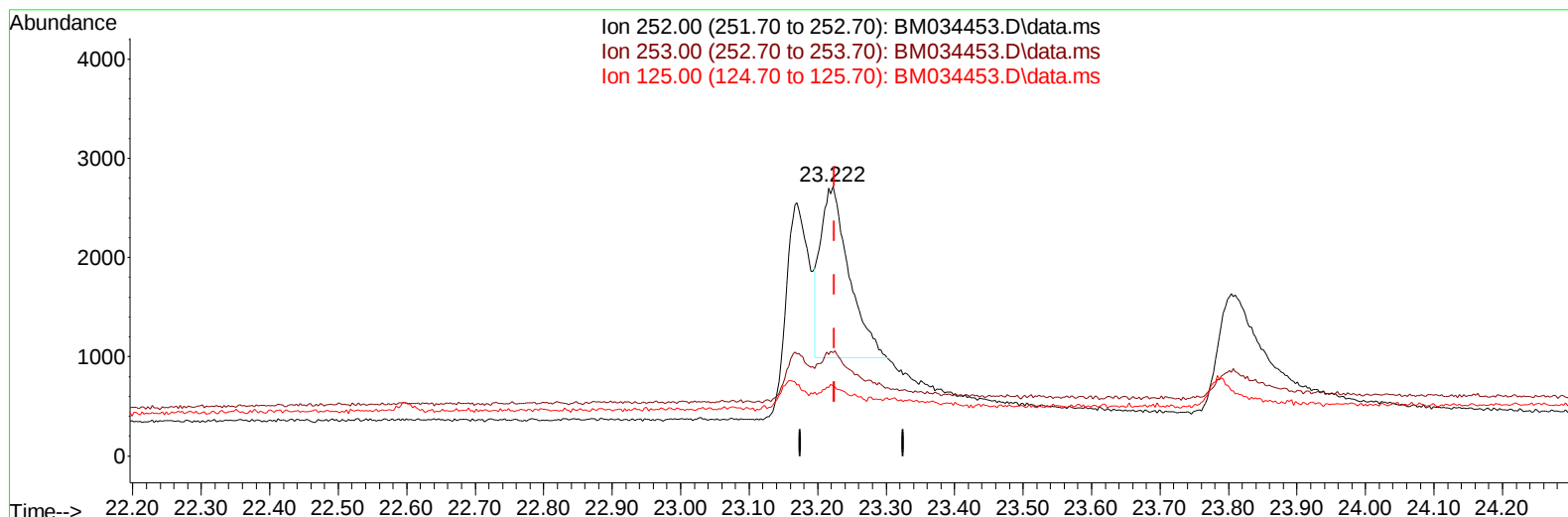
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
 Data File : BM034453.D  
 Acq On : 30 Mar 2022 23:12  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
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TIC: BM034453.D\data.ms

(25) Benzo(k)fluoranthene

23.222min (-0.003) 0.31 ng/u1

response 4976

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 33.50  | 38.24  |
| 125.00 | 15.00  | 26.13# |
| 0.00   | 0.00   | 0.00   |

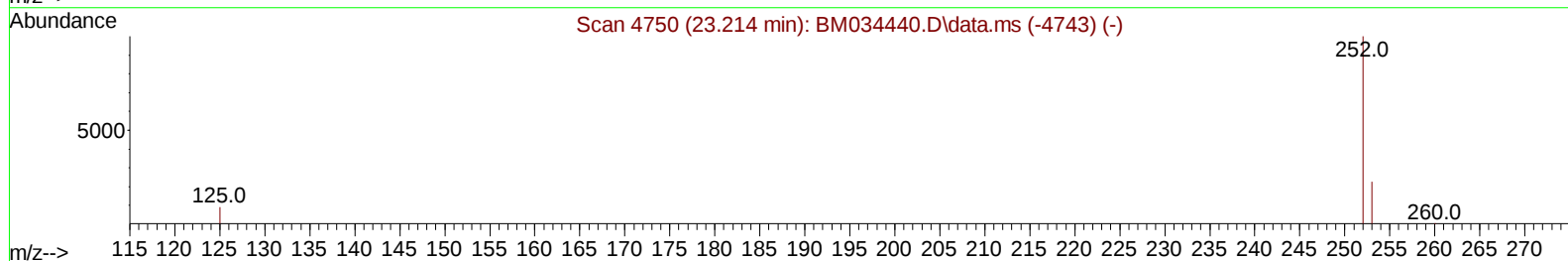
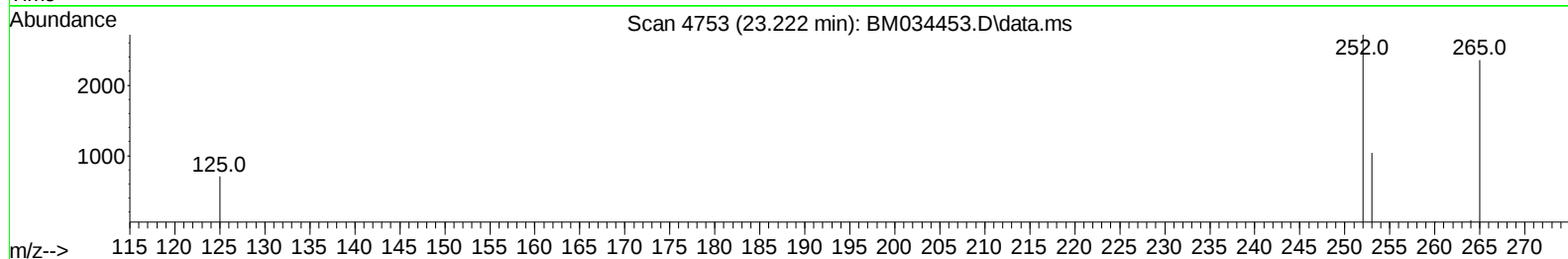
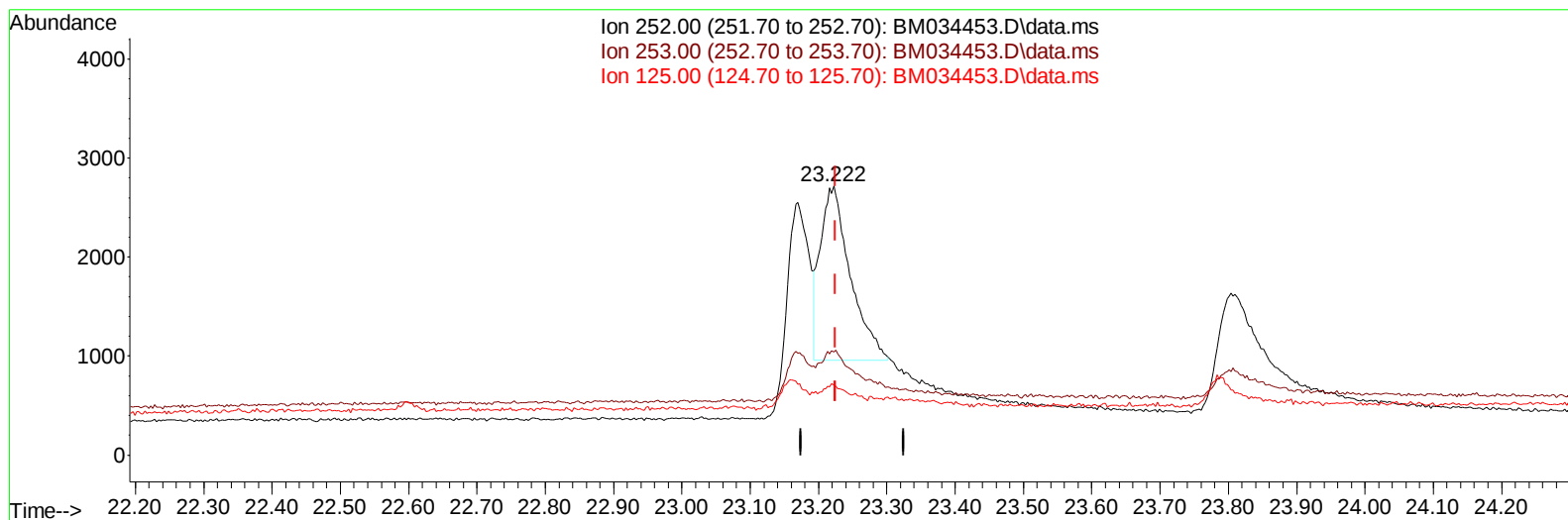
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
 Data File : BM034453.D  
 Acq On : 30 Mar 2022 23:12  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
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 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/31/2022  
 Supervised By :Yogesh Patel 04/02/2022



TIC: BM034453.D\data.ms

(25) Benzo(k)fluoranthene

23.222min (-0.003) 0.34 ng/ul m

response 5369

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 33.50  | 38.24  |
| 125.00 | 15.00  | 26.13# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
 Data File : BM034453.D  
 Acq On : 30 Mar 2022 23:12  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
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 Supervised By :Yogesh Patel 04/02/2022

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.950  | 152  | 2000     | 0.400 | ng/ul  | 0.01     |
| 4) Naphthalene-d8           | 10.757 | 136  | 6230     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.578 | 164  | 2920     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.333 | 188  | 4537     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.501 | 240  | 4555     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.903 | 264  | 4761     | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.305  | 96   | 1455     | 0.489 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.357 | 152  | 2728     | 0.325 | ng/ul  | 0.02     |
| 18) Fluoranthene-d10        | 19.348 | 212  | 4954     | 0.349 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.338  | 88   | 1755m    | 0.534 | ng/ul  |          |
| 5) Naphthalene              | 10.807 | 128  | 6120     | 0.339 | ng/ul  | 94       |
| 7) 2-Methylnaphthalene      | 12.440 | 142  | 3519     | 0.319 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.638 | 142  | 3539     | 0.321 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.301 | 152  | 5312     | 0.378 | ng/ul  | 94       |
| 11) Acenaphthene            | 14.638 | 153  | 4222     | 0.395 | ng/ul  | 96       |
| 12) Fluorene                | 15.637 | 166  | 4081     | 0.357 | ng/ul  | 95       |
| 14) Pentachlorophenol       | 16.999 | 266  | 619      | 0.339 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.371 | 178  | 5535     | 0.382 | ng/ul  | 99       |
| 16) Anthracene              | 17.485 | 178  | 3939     | 0.310 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.380 | 202  | 6889     | 0.335 | ng/ul  | 96       |
| 20) Pyrene                  | 19.738 | 202  | 8332     | 0.367 | ng/ul# | 95       |
| 21) Benzo(a)anthracene      | 21.489 | 228  | 3835m    | 0.269 | ng/ul  |          |
| 22) Chrysene                | 21.533 | 228  | 5760m    | 0.353 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.170 | 252  | 4911m    | 0.298 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.222 | 252  | 5369m    | 0.337 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.804 | 252  | 6149     | 0.360 | ng/ul# | 71       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.431 | 276  | 7795     | 0.350 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.458 | 278  | 5422     | 0.325 | ng/ul# | 73       |
| 29) Benzo(g,h,i)perylene    | 27.179 | 276  | 8275     | 0.385 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032922\  
Data File : BM034453.D  
Acq On : 30 Mar 2022 23:12  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Mar 31 03:15:40 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 28 18:27:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/31/2022  
Supervised By :Yogesh Patel 04/02/2022

