

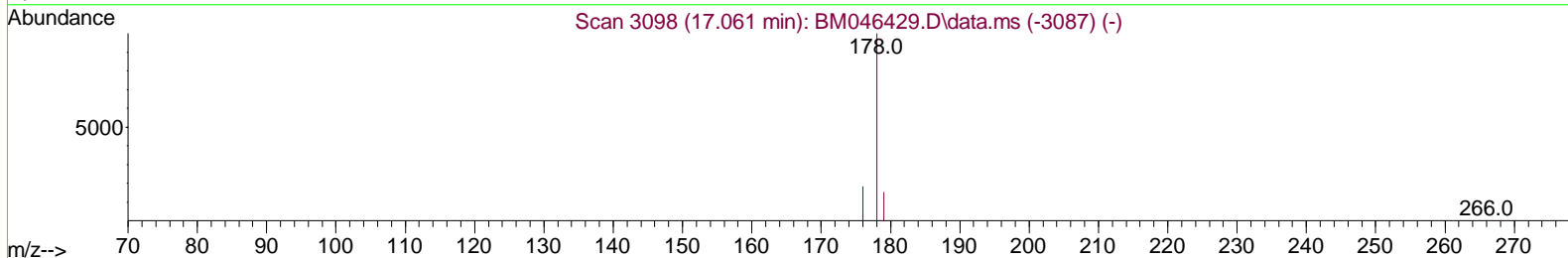
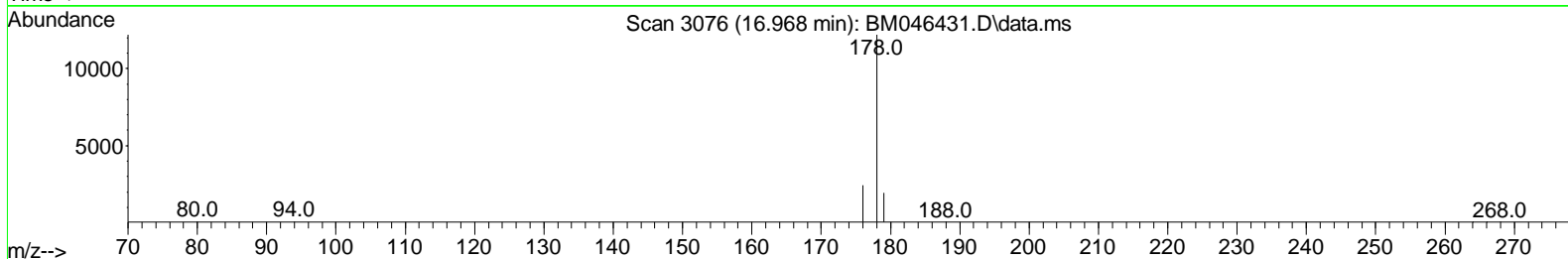
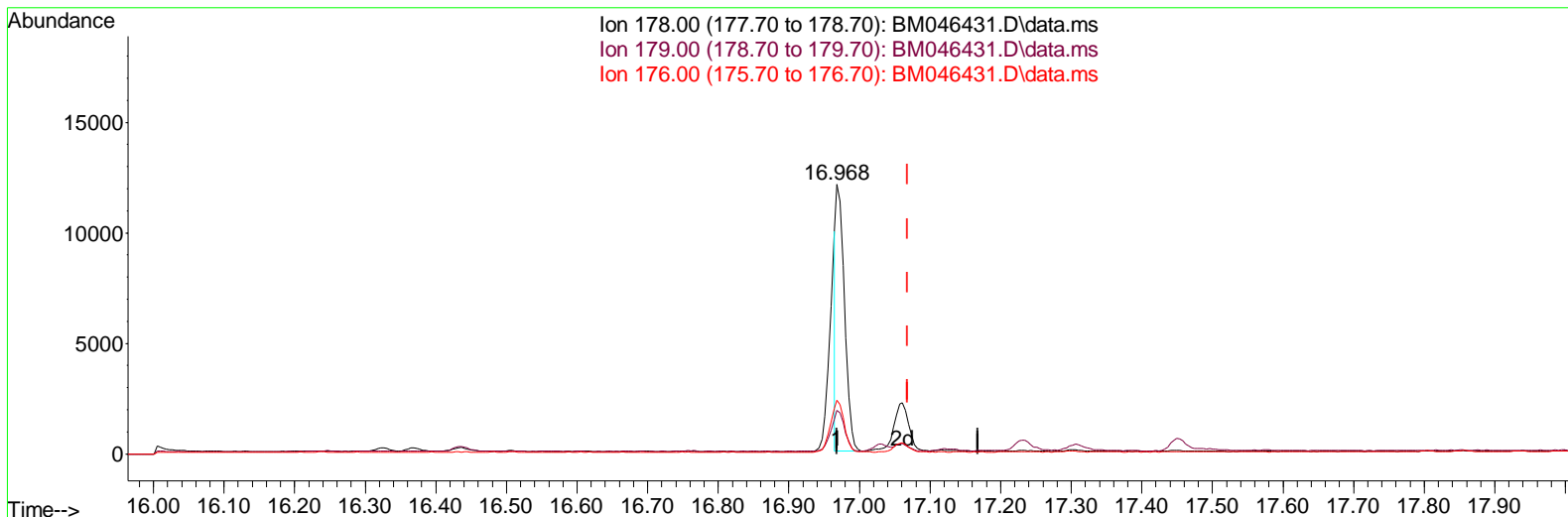
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046431.D
 Acq On : 08 Jul 2024 12:07
 Operator : MA/JU
 Sample : P3010-16DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B69DL

Manual Integrations APPROVED

Quant Time: Jul 08 13:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



TIC: BM046431.D\data.ms

(16) Anthracene

16.968min (-0.100) 0.20 ng/ul

response 10265

| Ion | Exp% | Act% |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.70 | 16.10 |
| 176.00 | 18.60 | 19.91 |
| 0.00 | 0.00 | 0.00 |

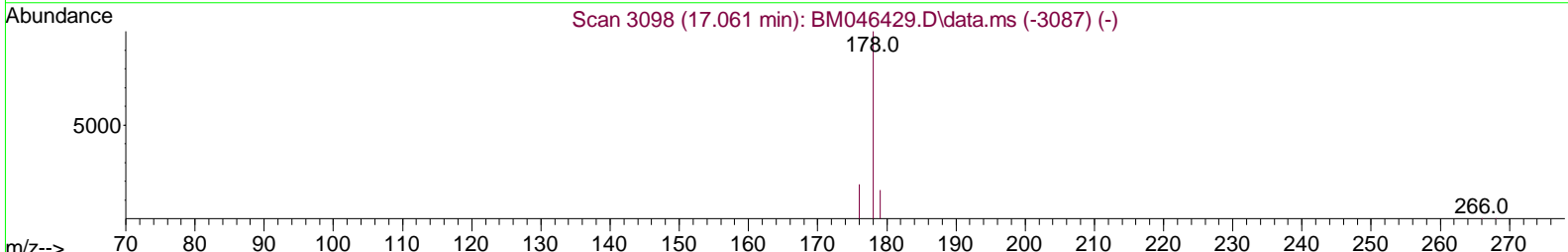
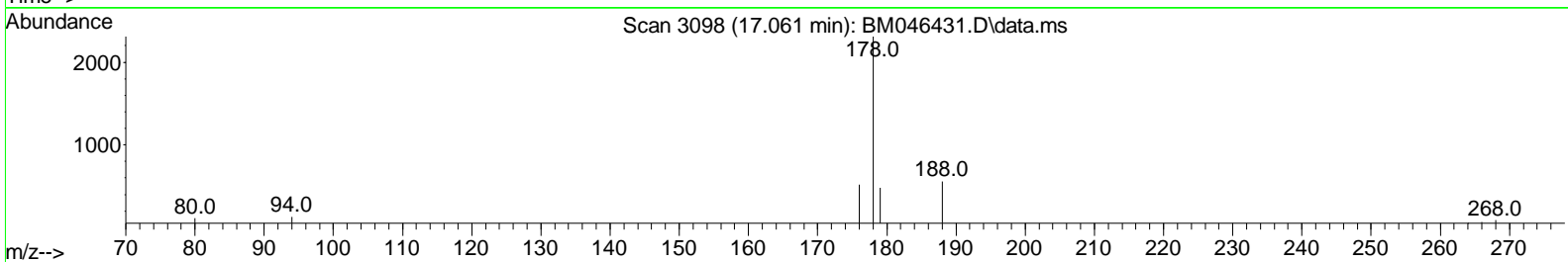
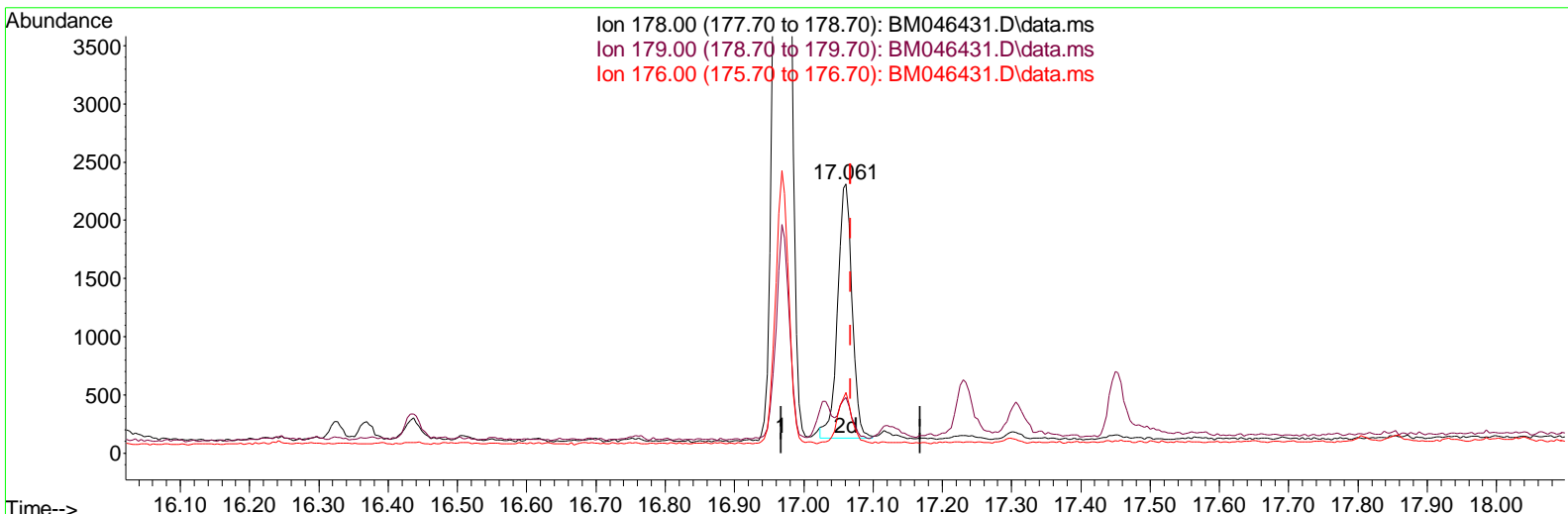
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046431.D
 Acq On : 08 Jul 2024 12:07
 Operator : MA/JU
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Instrument :
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Manual Integrations APPROVED

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
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Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



TIC: BM046431.D\data.ms

(16) Anthracene

17.061min (-0.007) 0.06 ng/ul m

response 3159

| Ion | Exp% | Act% |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.70 | 20.74# |
| 176.00 | 18.60 | 22.42# |
| 0.00 | 0.00 | 0.00 |

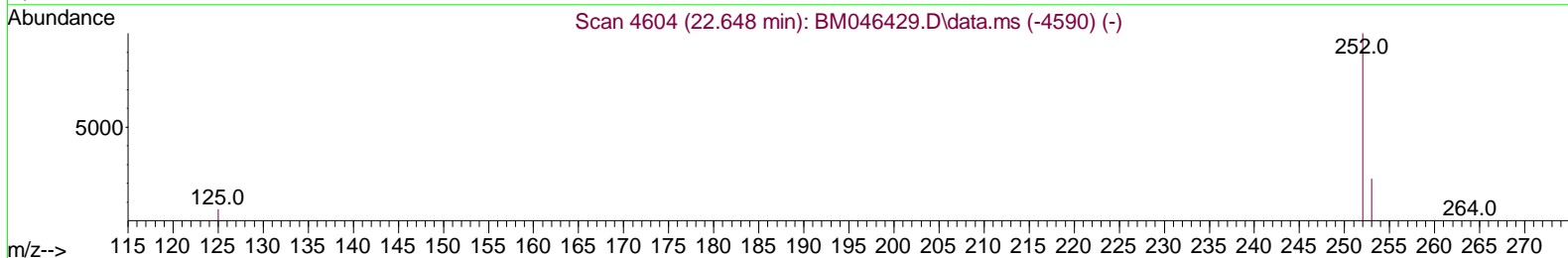
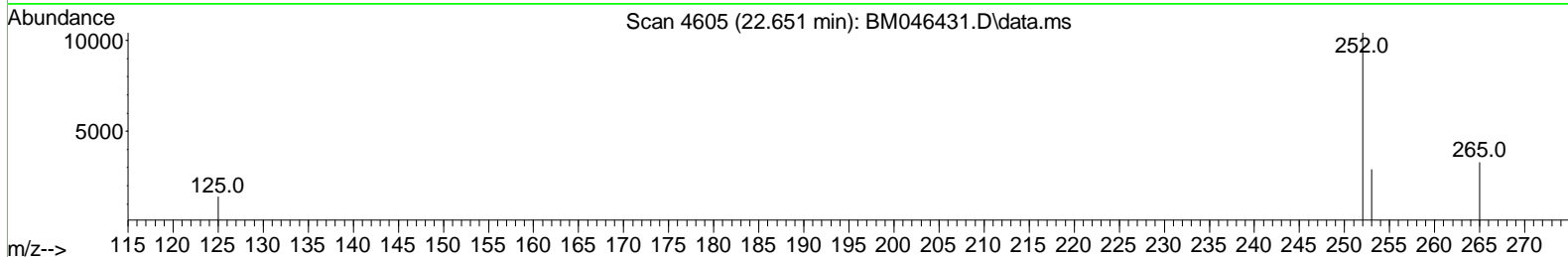
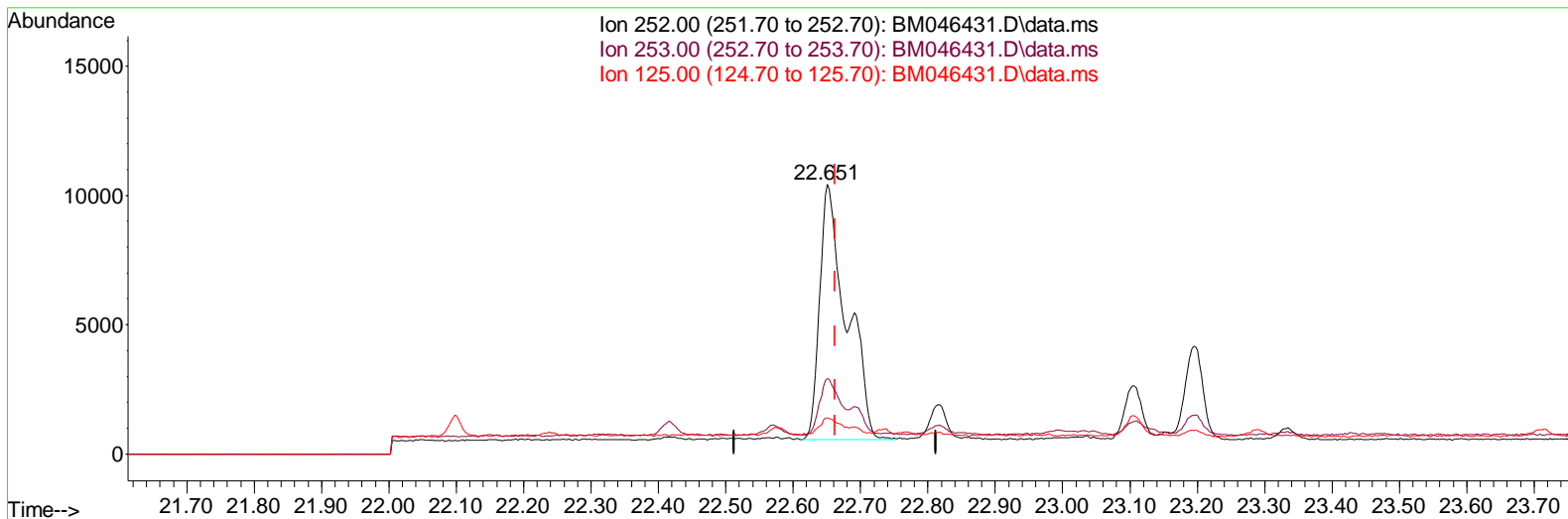
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046431.D
 Acq On : 08 Jul 2024 12:07
 Operator : MA/JU
 Sample : P3010-16DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B69DL

Manual Integrations APPROVED

Quant Time: Jul 08 13:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
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TIC: BM046431.D\data.ms

(24) Benzo(b)fluoranthene

22.651min (-0.012) 0.58 ng/ul

response 27404

| Ion | Exp% | Act% |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.50 | 27.92 |
| 125.00 | 9.20 | 13.34 |
| 0.00 | 0.00 | 0.00 |

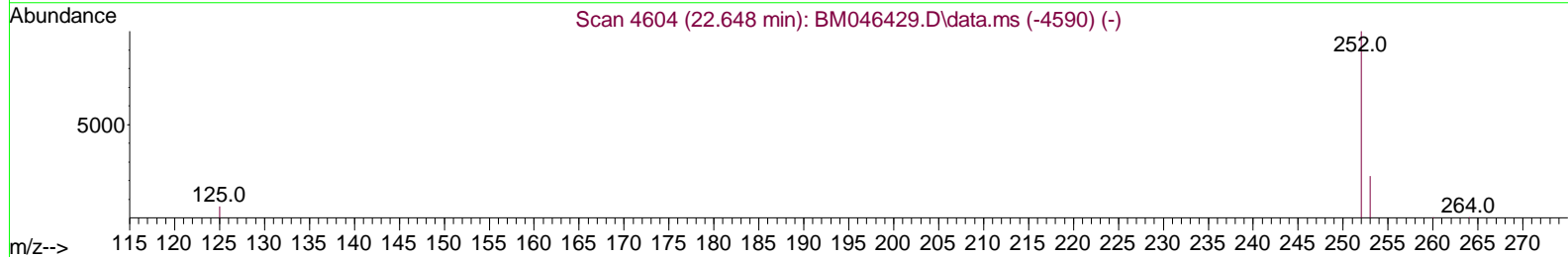
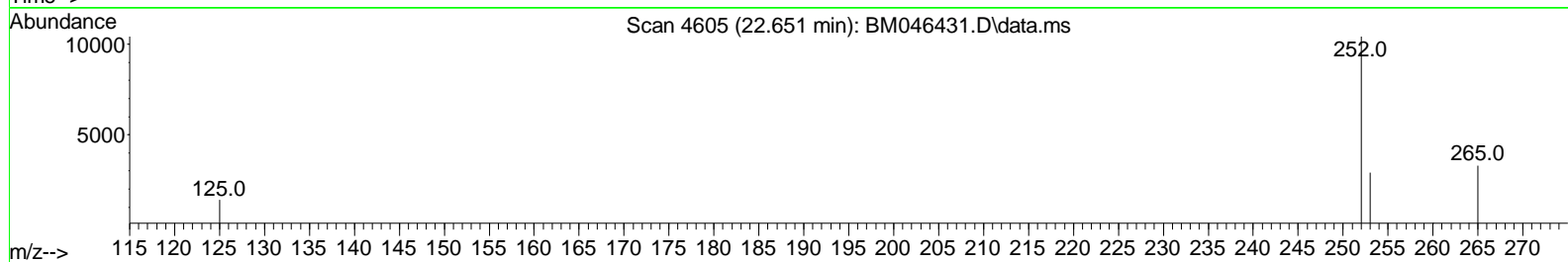
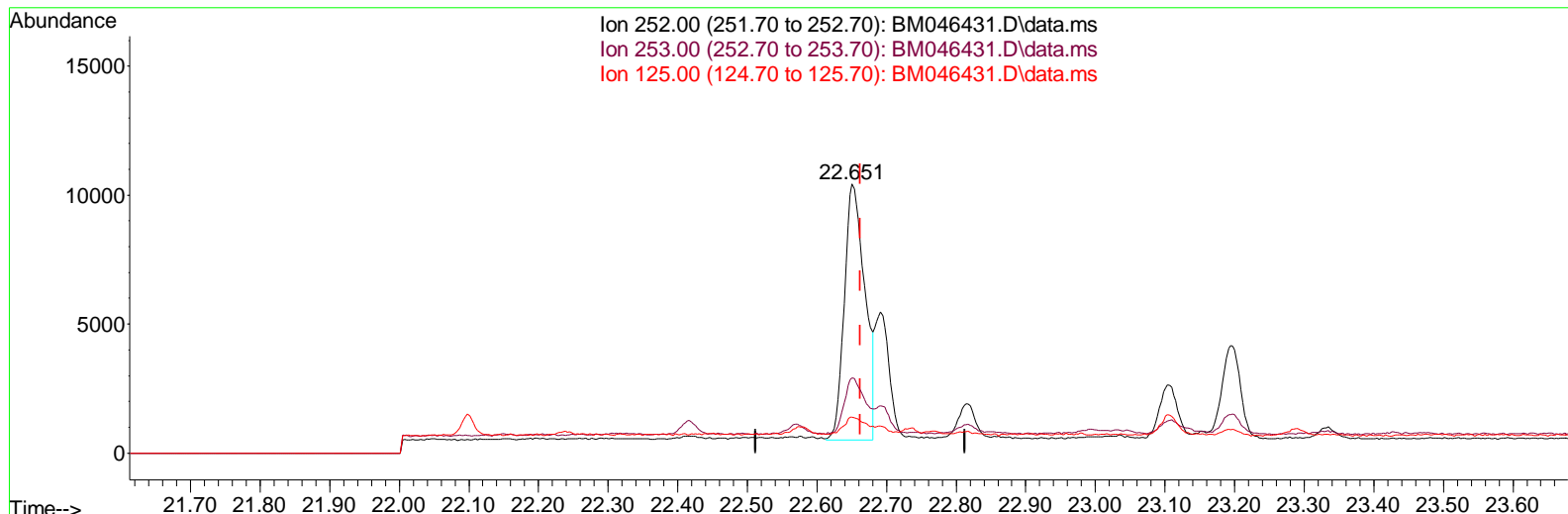
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046431.D
 Acq On : 08 Jul 2024 12:07
 Operator : MA/JU
 Sample : P3010-16DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B69DL

Manual Integrations APPROVED

Quant Time: Jul 08 13:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
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Reviewed By :Yogesh Patel 07/09/2024
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TIC: BM046431.D\data.ms

(24) Benzo(b)fluoranthene

22.651min (-0.012) 0.43 ng/ul m

| response | 20328 | |
|----------|--------|--------|
| Ion | Exp% | Act% |
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.50 | 27.92 |
| 125.00 | 9.20 | 13.34 |
| 0.00 | 0.00 | 0.00 |

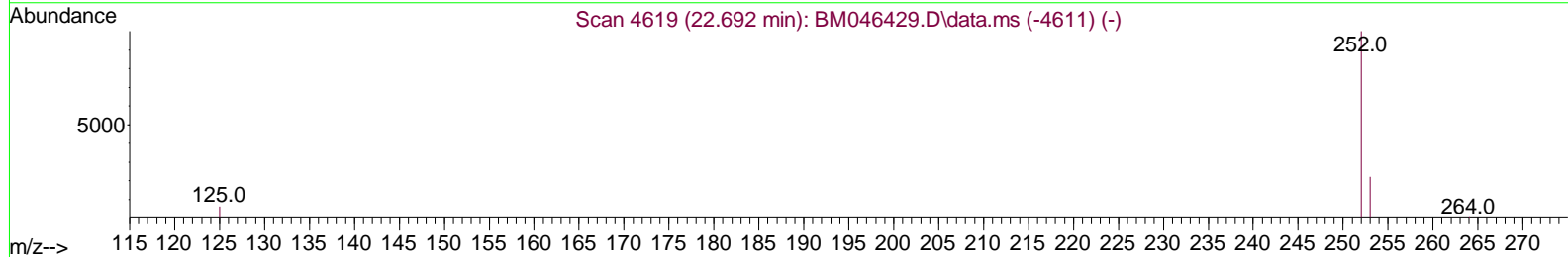
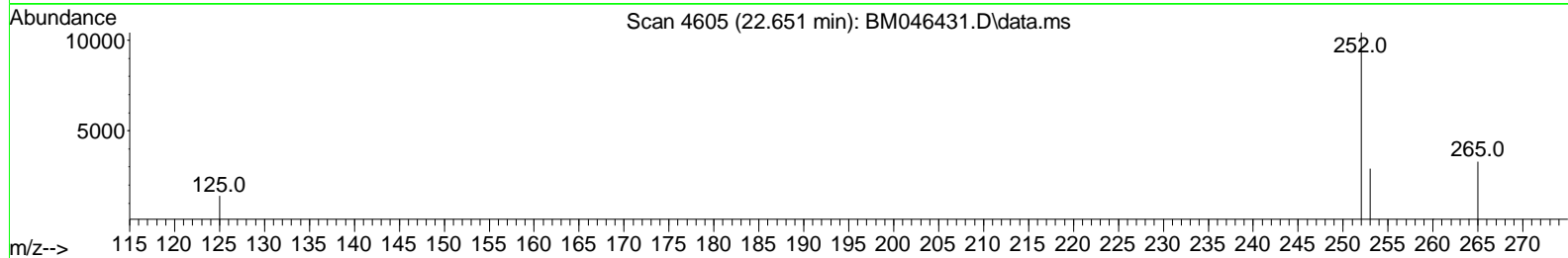
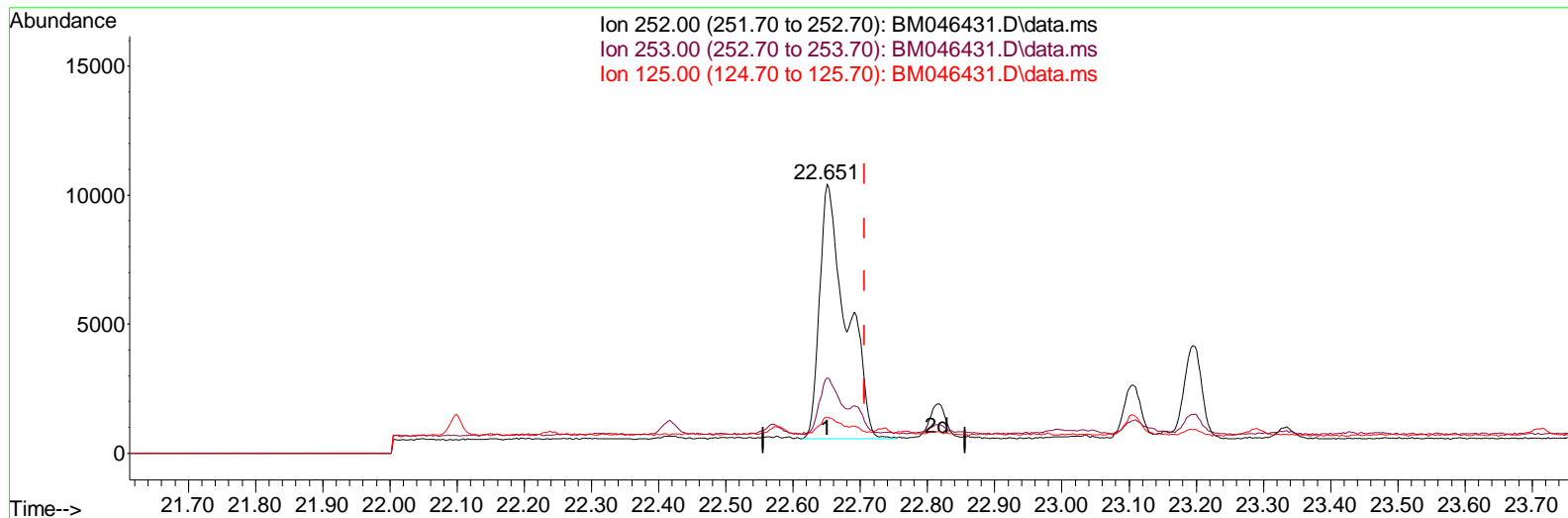
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046431.D
 Acq On : 08 Jul 2024 12:07
 Operator : MA/JU
 Sample : P3010-16DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B69DL

Manual Integrations APPROVED

Quant Time: Jul 08 13:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



TIC: BM046431.D\data.ms

(25) Benzo(k)fluoranthene

22.651min (-0.056) 0.57 ng/ul

response 27404

| Ion | Exp% | Act% |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.00 | 27.92# |
| 125.00 | 9.40 | 13.34# |
| 0.00 | 0.00 | 0.00 |

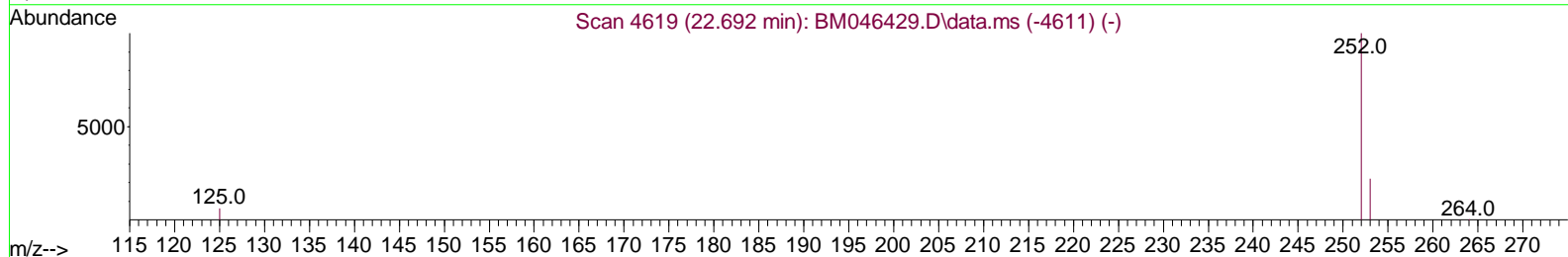
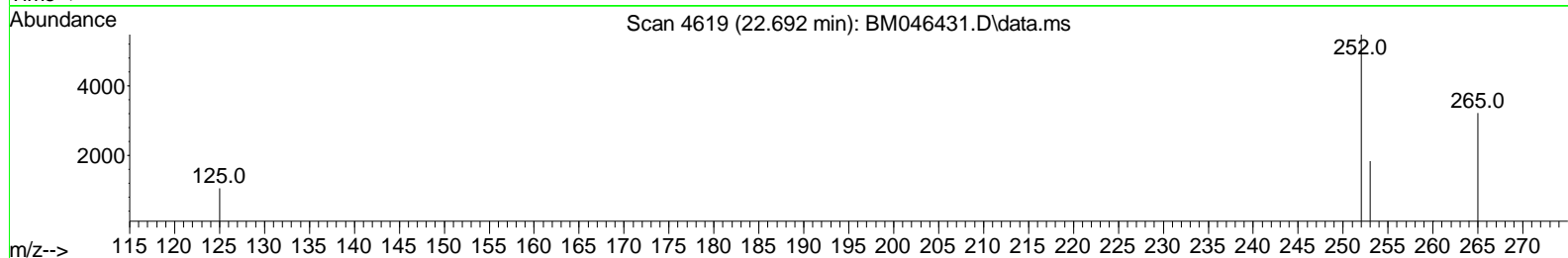
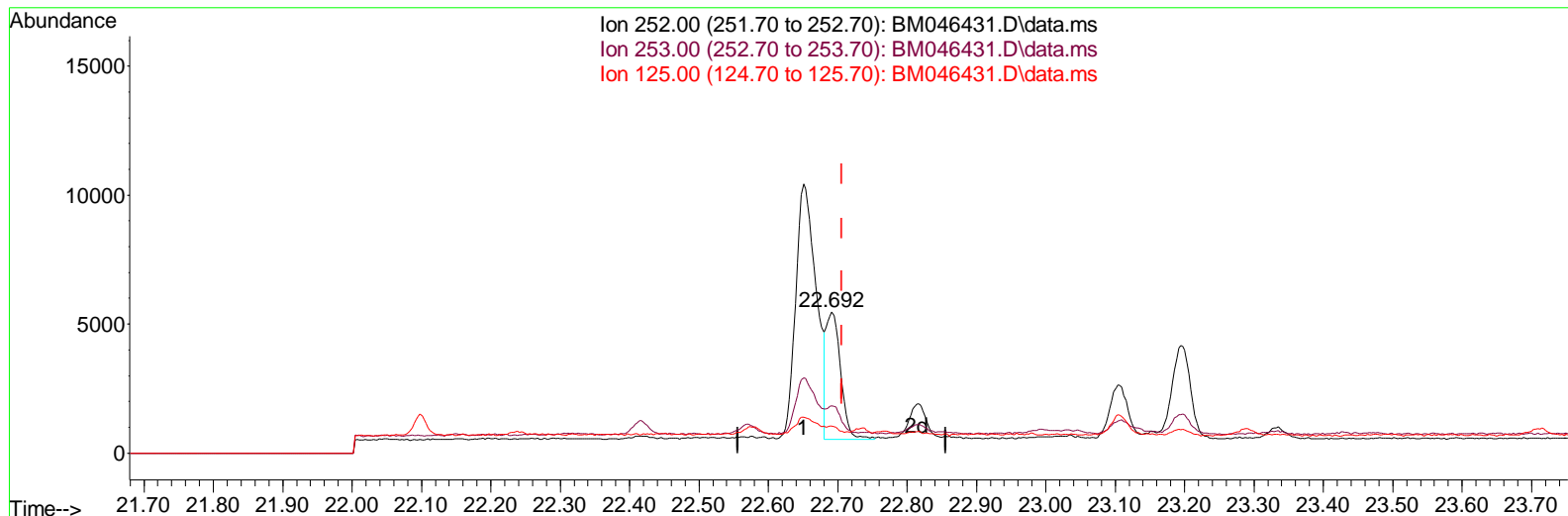
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046431.D
 Acq On : 08 Jul 2024 12:07
 Operator : MA/JU
 Sample : P3010-16DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 A4B69DL

Manual IntegrationsAPPROVED

Quant Time: Jul 08 13:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



TIC: BM046431.D\data.ms

(25) Benzo(k)fluoranthene

22.692min (-0.015) 0.15 ng/ul m

| response | 7259 | | |
|----------|--------|--------|--|
| Ion | Exp% | Act% | |
| 252.00 | 100.00 | 100.00 | |
| 253.00 | 23.00 | 33.50# | |
| 125.00 | 9.40 | 19.29# | |
| 0.00 | 0.00 | 0.00 | |

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO70824\
 Data File : BMO46431.D
 Acq On : 08 Jul 2024 12:07
 Operator : MA/JU
 Sample : P3010-16DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 A4B69DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 13:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BMO70524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

| Compound | R. T. | QI on | Response | Conc | Units | Dev(Min) |
|------------------------------------|--------|-------|----------|-------|---------|---------------|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.535 | 152 | 5996 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.299 | 136 | 16676 | 0.400 | ng/ul # | 0.00 |
| 9) Acenaphthene-d10 | 14.178 | 164 | 9826 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.926 | 188 | 17993 | 0.400 | ng/ul | -0.01 |
| 17) Chrysene-d12 | 21.134 | 240 | 10927 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.288 | 264 | 11148 | 0.400 | ng/ul # | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.130 | 96 | 3440 | 0.555 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.899 | 152 | 1199 | 0.049 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.965 | 212 | 2040 | 0.053 | ng/ul | 0.00 |
| Target Compounds | | | | | | |
| | | | | | | Qvalue |
| 11) Acenaphthene | 14.238 | 153 | 679 | 0.021 | ng/ul | 94 |
| 12) Fluorene | 15.233 | 166 | 840 | 0.022 | ng/ul # | 96 |
| 15) Phenanthrene | 16.968 | 178 | 16089 | 0.299 | ng/ul | 100 |
| 16) Anthracene | 17.061 | 178 | 3159m | 0.060 | ng/ul | |
| 19) Fluoranthene | 18.997 | 202 | 36469 | 0.660 | ng/ul # | 96 |
| 20) Pyrene | 19.360 | 202 | 24485 | 0.431 | ng/ul # | 93 |
| 21) Benzo(a)anthracene | 21.119 | 228 | 14872 | 0.305 | ng/ul | 95 |
| 22) Chrysene | 21.169 | 228 | 16214 | 0.334 | ng/ul | 96 |
| 24) Benzo(b)fluoranthene | 22.651 | 252 | 20328m | 0.429 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.692 | 252 | 7259m | 0.152 | ng/ul | |
| 26) Benzo(a)pyrene | 23.194 | 252 | 6736 | 0.180 | ng/ul # | 74 |
| 27) Indeno(1,2,3-cd)pyrene | 25.430 | 276 | 6450 | 0.127 | ng/ul # | 88 |
| 28) Di benzo(a,h)anthracene | 25.447 | 278 | 2353 | 0.060 | ng/ul # | 36 |
| 29) Benzo(g,h,i)perylene | 26.077 | 276 | 1061 | 0.026 | ng/ul # | 21 |

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

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 Data File : BM046431.D
 Acq On : 08 Jul 2024 12:07
 Operator : MA/JU
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 A4B69DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 13:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SI M-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

