

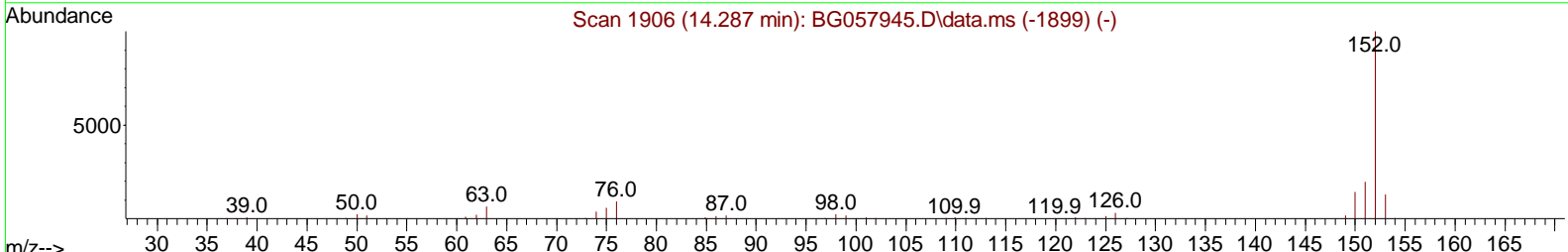
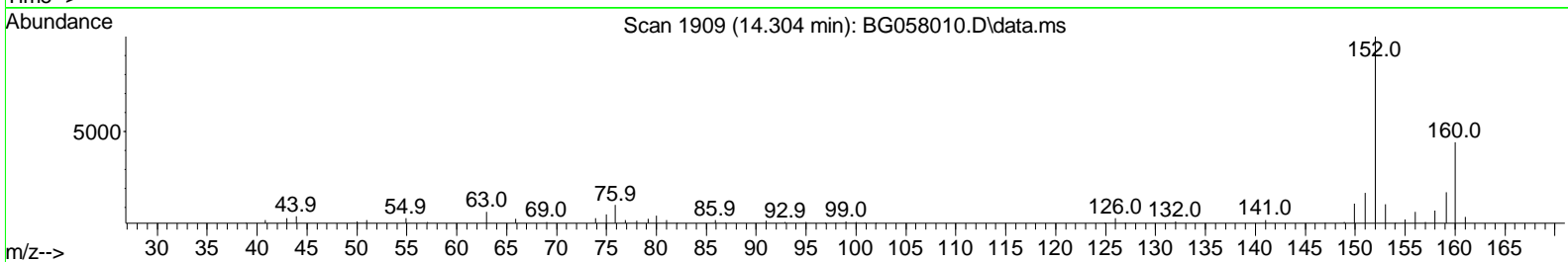
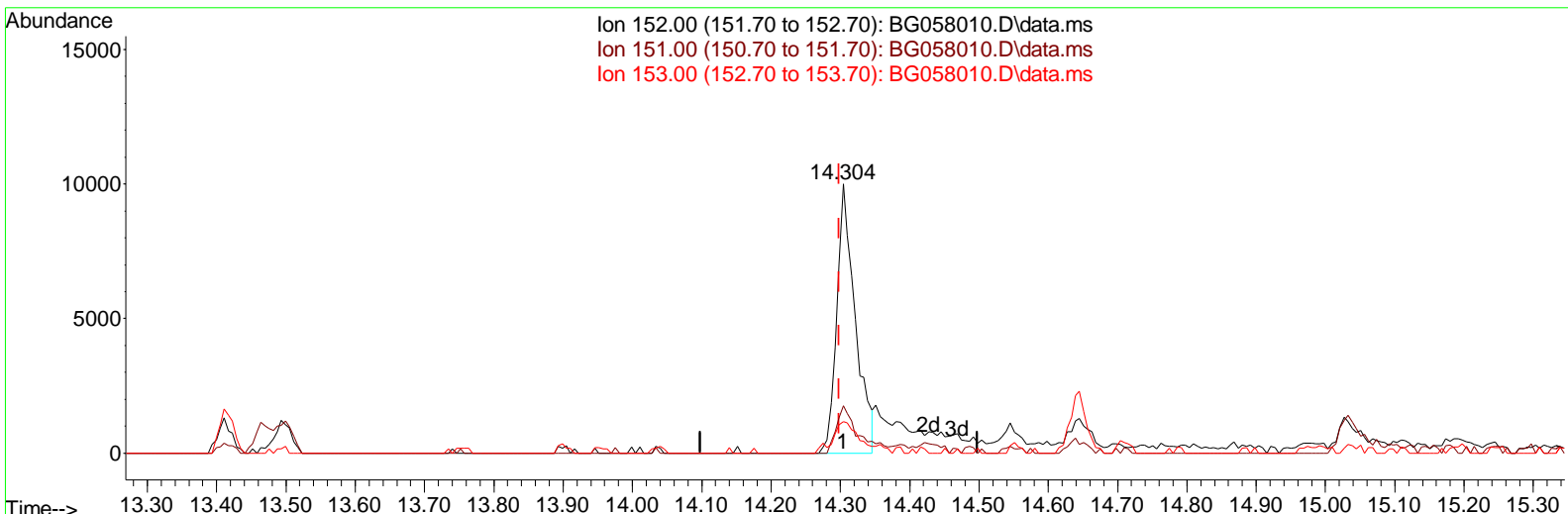
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 DCGN2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 08:50:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



TIC: BG058010.D\data.ms

(50) Acenaphthylene

14.304min (+ 0.006) 1.02 ng/ul

response 18458

| Ion | Exp% | Act% |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 151.00 | 19.50 | 17.54 |
| 153.00 | 13.10 | 11.59 |
| 0.00 | 0.00 | 0.00 |

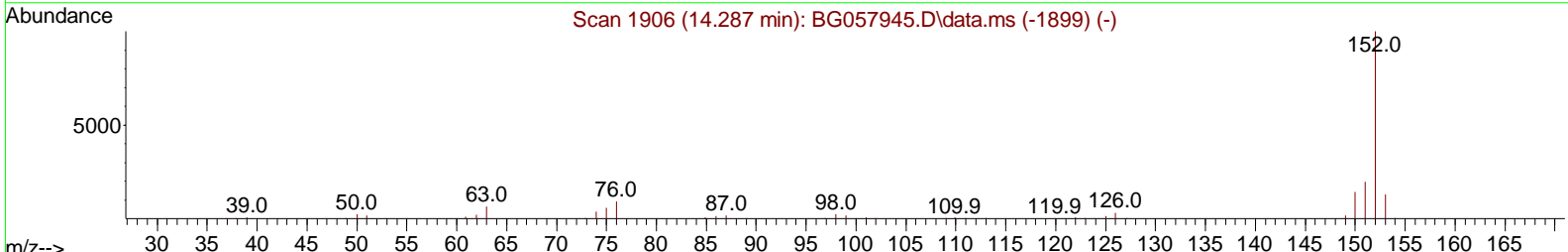
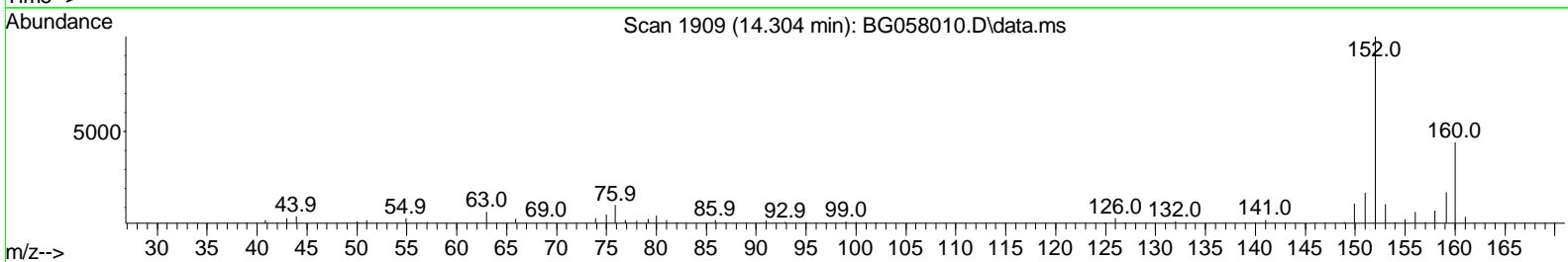
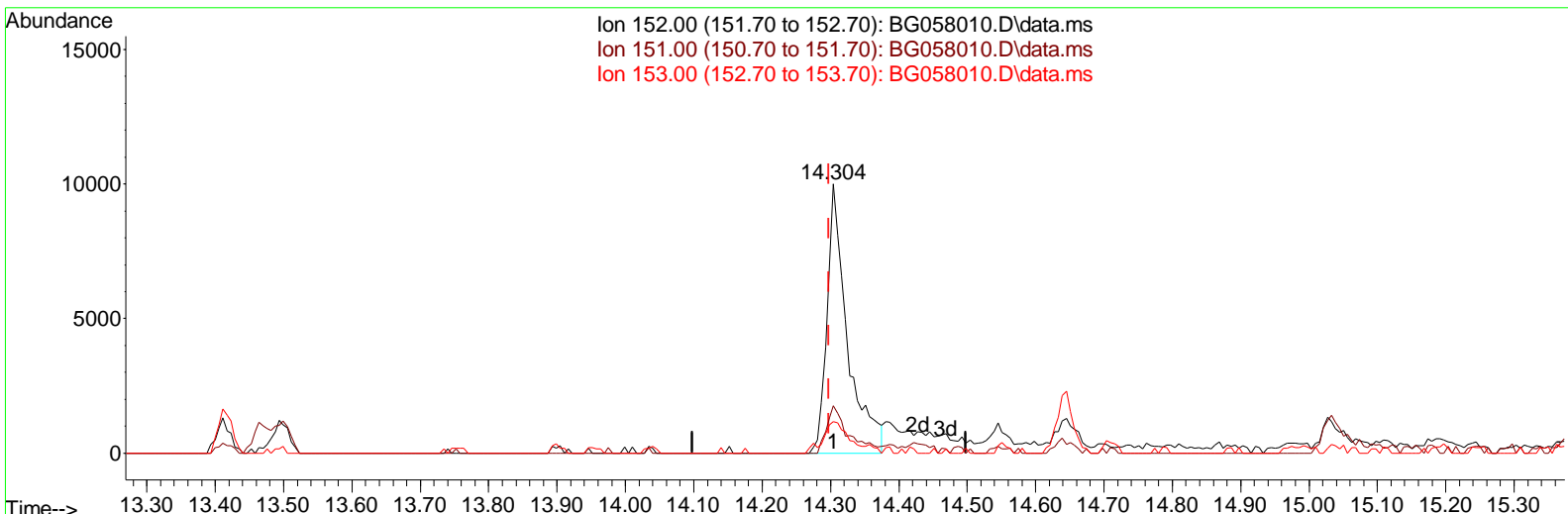
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 DCGN2

Manual IntegrationsAPPROVED

Quant Time: Jul 05 08:50:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



TIC: BG058010.D\data.ms

(50) Acenaphthylene

14.304min (+ 0.006) 1.15 ng/ul m

response 20765

| Ion | Exp% | Act% |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 151.00 | 19.50 | 17.54 |
| 153.00 | 13.10 | 11.59 |
| 0.00 | 0.00 | 0.00 |

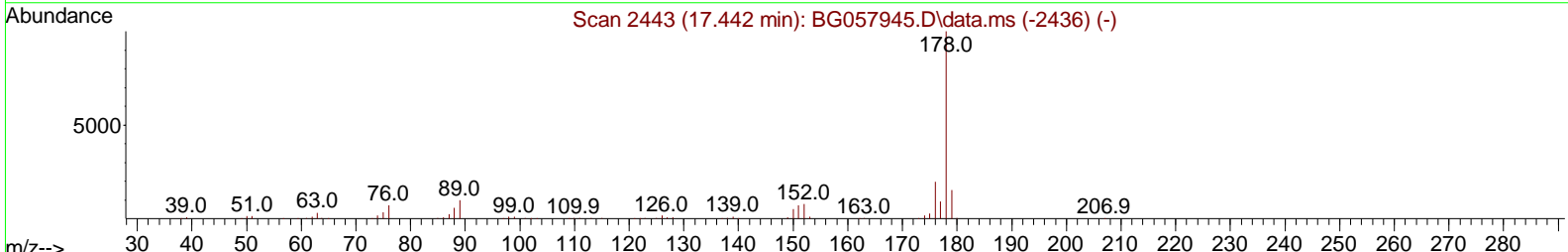
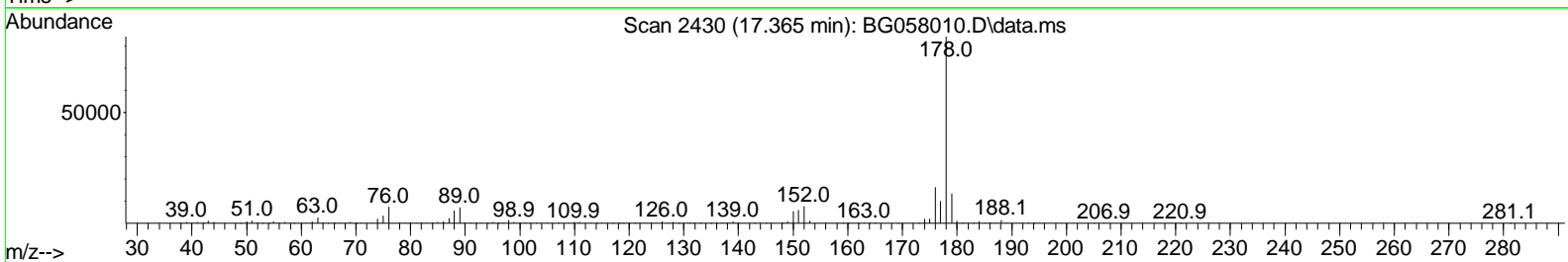
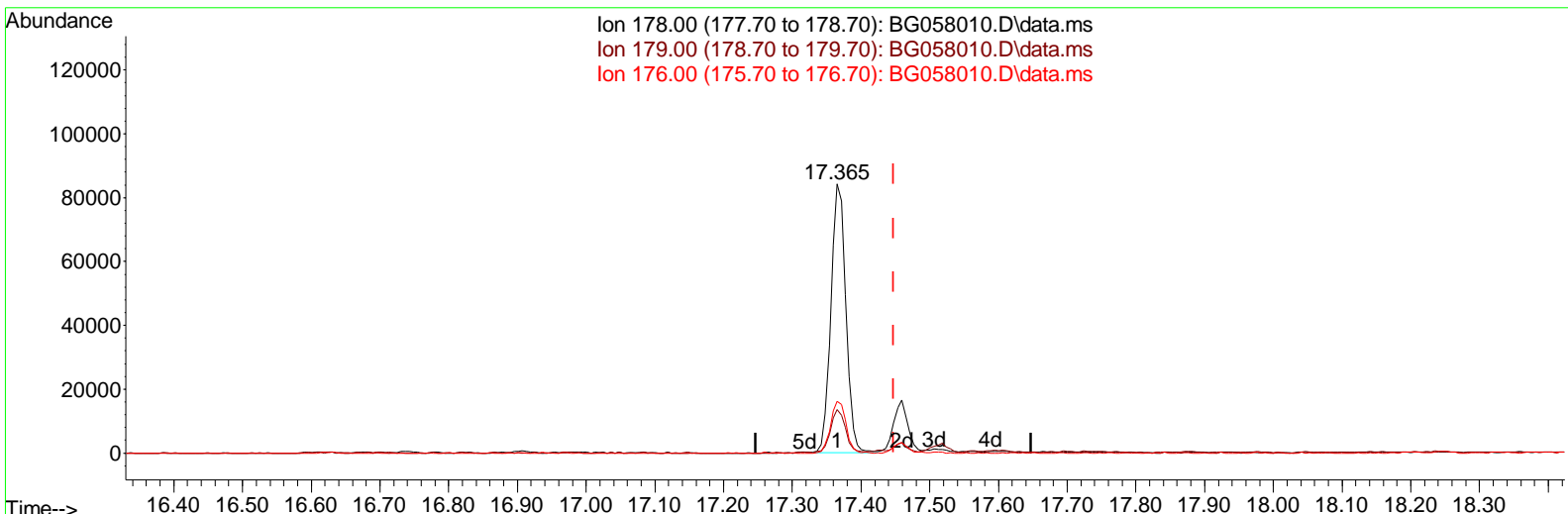
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 DCGN2

Manual Integrations APPROVED

Quant Time: Jul 05 08:54:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



TIC: BG058010.D\data.ms

(74) Anthracene

17.365min (-0.082) 5.90 ng/ul

response 127804

| Ion | Exp% | Act% |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.70 | 16.15 |
| 176.00 | 19.30 | 19.35 |
| 0.00 | 0.00 | 0.00 |

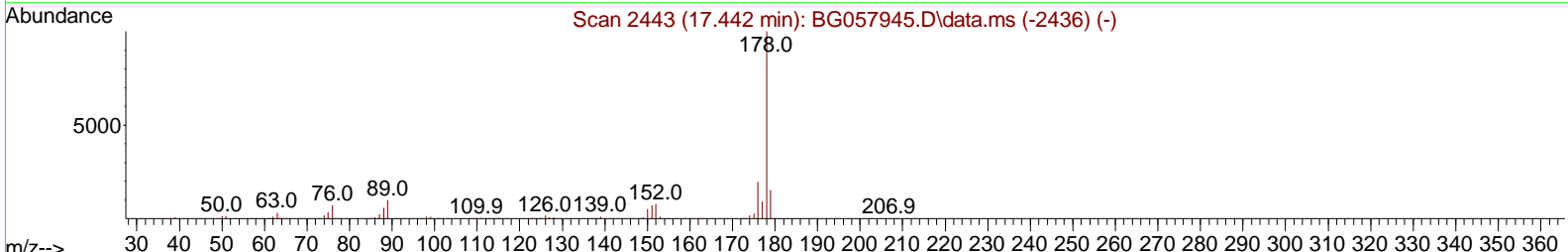
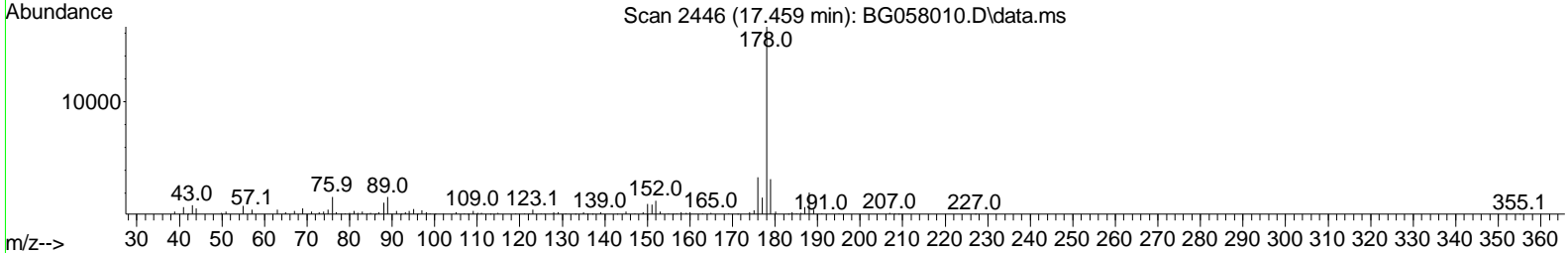
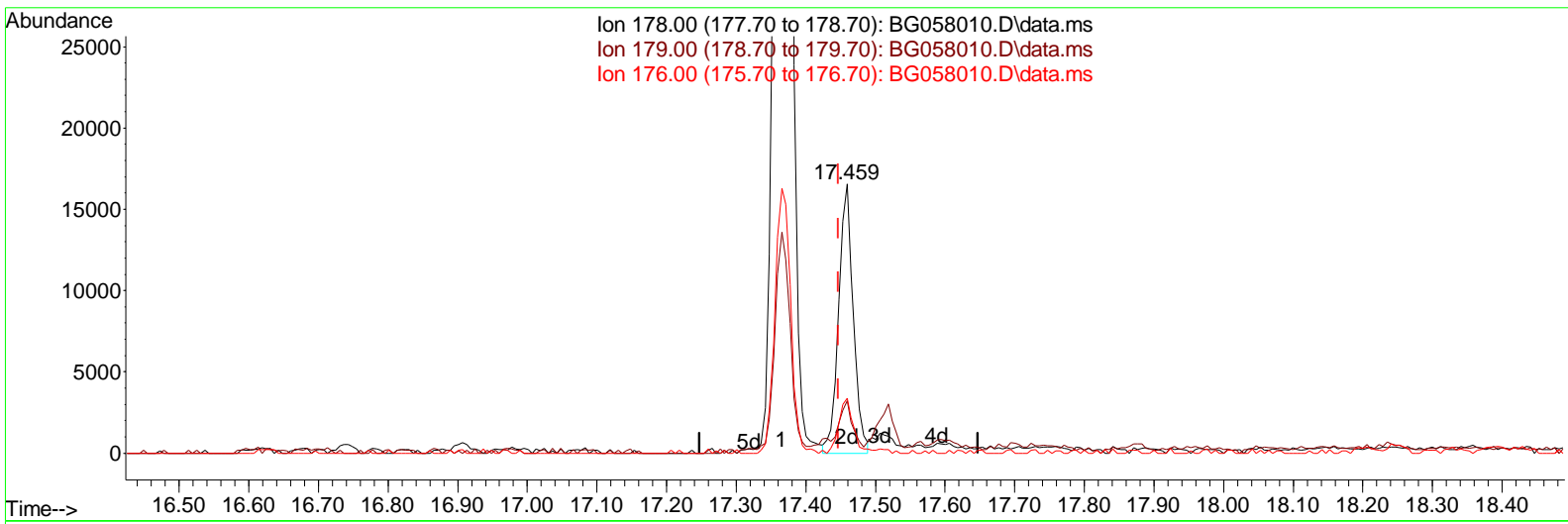
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 DCGN2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 08:54:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration



TIC: BG058010.D\data.ms

(74) Anthracene

17.459min (+ 0.012) 1.12 ng/ul m

response 24154

| Ion | Exp% | Act% |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.70 | 19.56# |
| 176.00 | 19.30 | 20.45 |
| 0.00 | 0.00 | 0.00 |

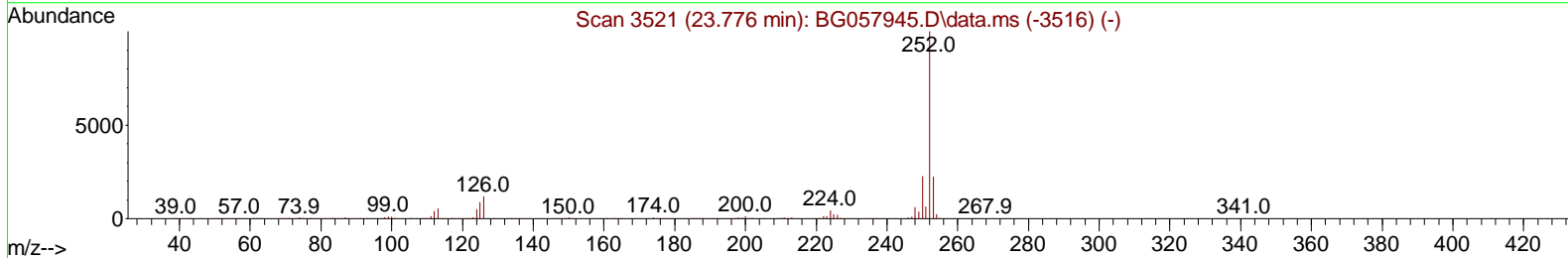
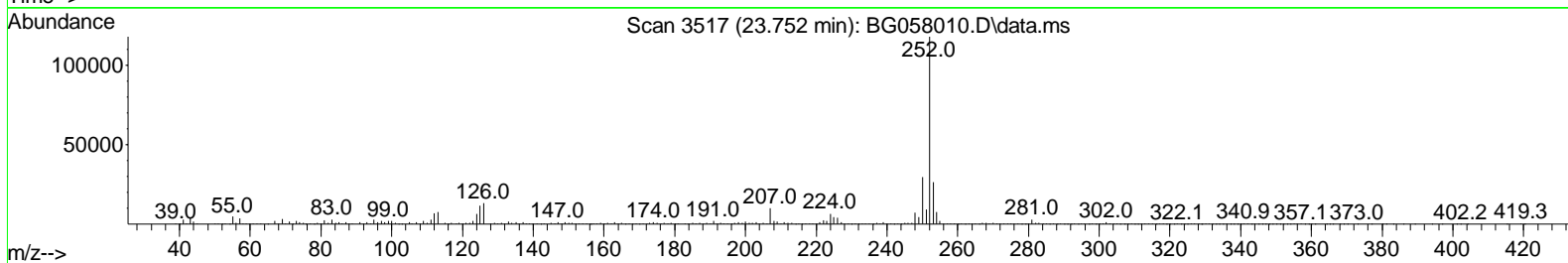
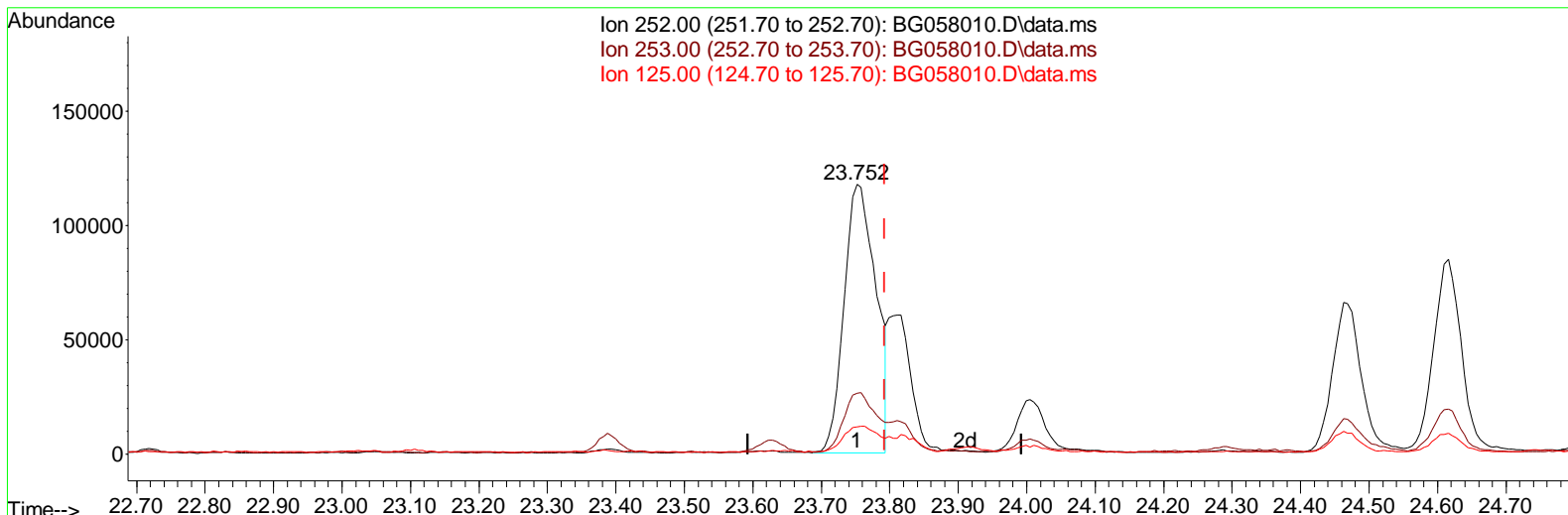
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN2

Manual Integrations APPROVED

Quant Time: Jul 05 08:55:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By : Yogesh Patel 07/05/2023
 Supervised By : Sohil Jodhani 07/05/2023



TIC: BG058010.D\data.ms

(91) Benzo(k)fluoranthene

23.752min (-0.041) 14.91 ng/ul

response 379040

| Ion | Exp% | Act% |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10 | 22.57 |
| 125.00 | 9.30 | 10.10 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

BNA_G

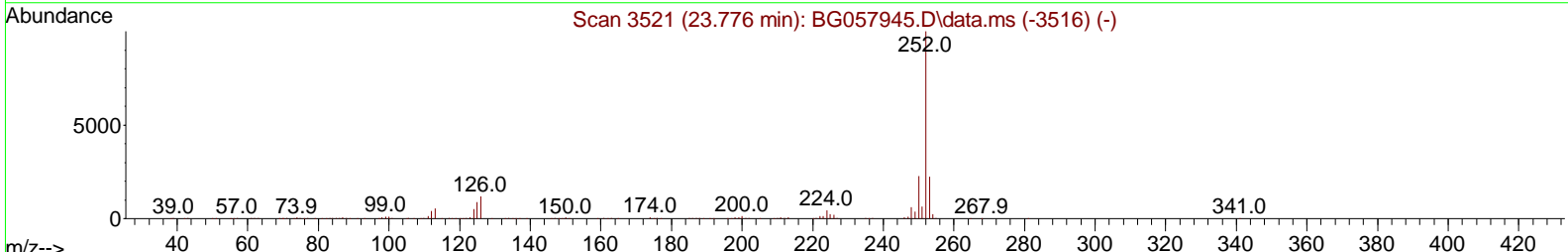
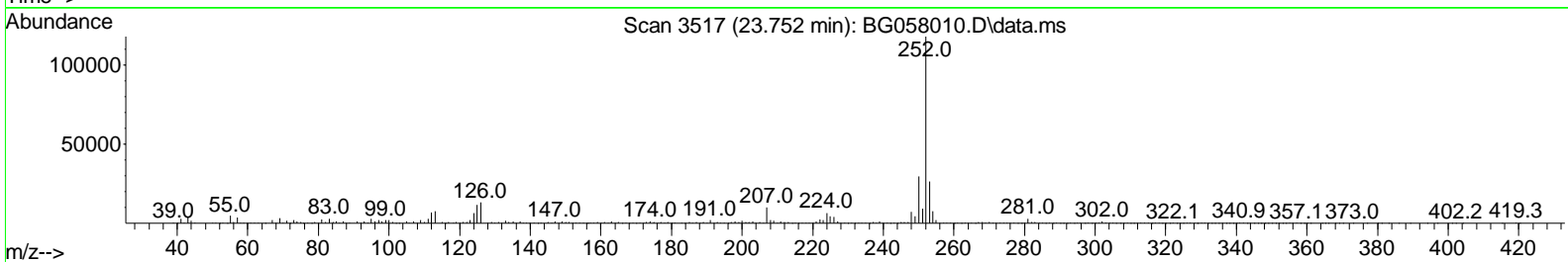
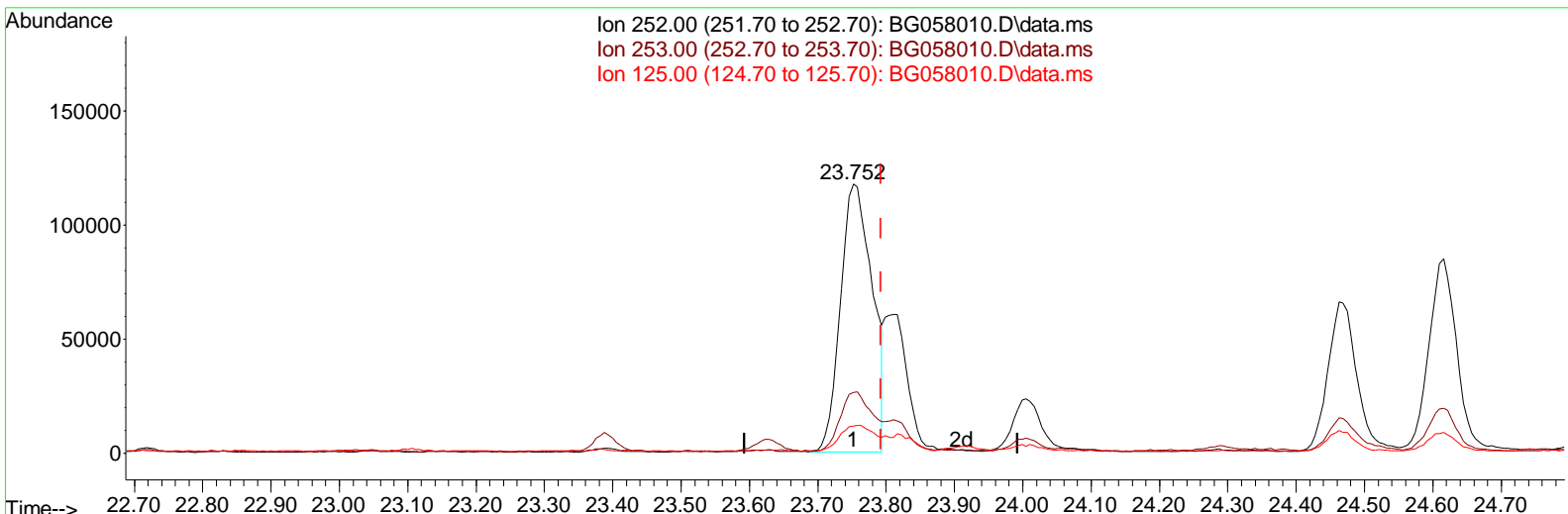
ClientSampleId :

DCGN2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 08:55:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration



TIC: BG058010.D\data.ms

(91) Benzo(k)fluoranthene

23.752min (-0.041) 14.91 ng/ul

| response | 379040 | |
|----------|--------|--------|
| Ion | Exp% | Act% |
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10 | 22.57 |
| 125.00 | 9.30 | 10.10 |
| 0.00 | 0.00 | 0.00 |

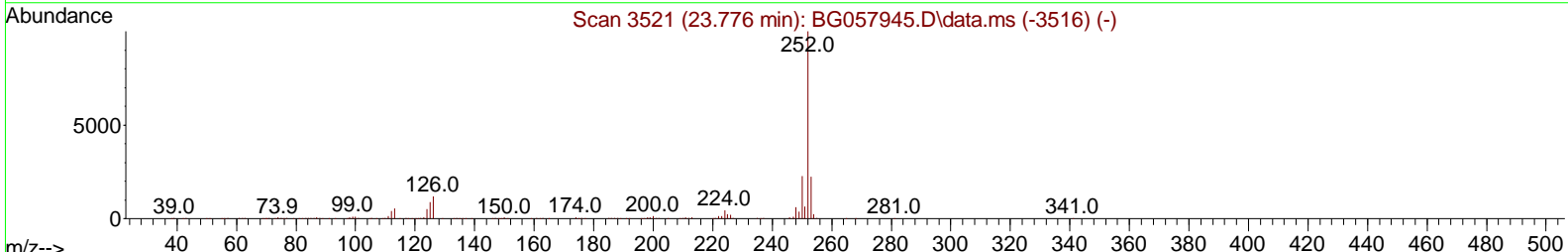
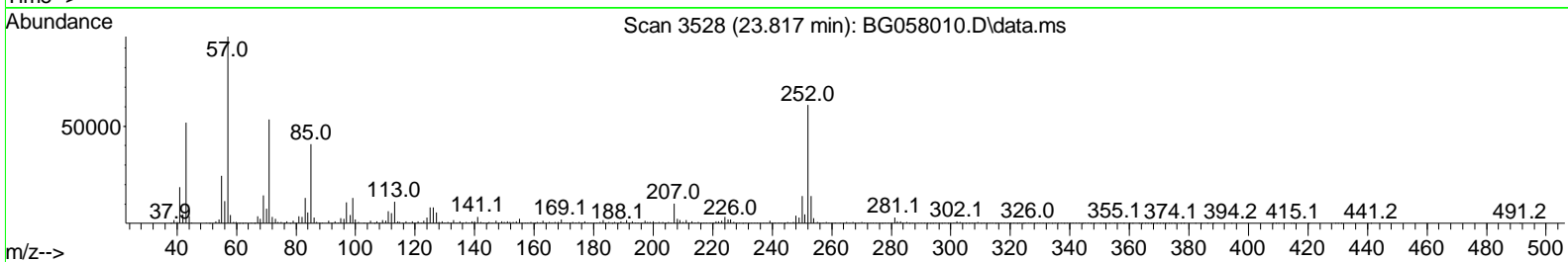
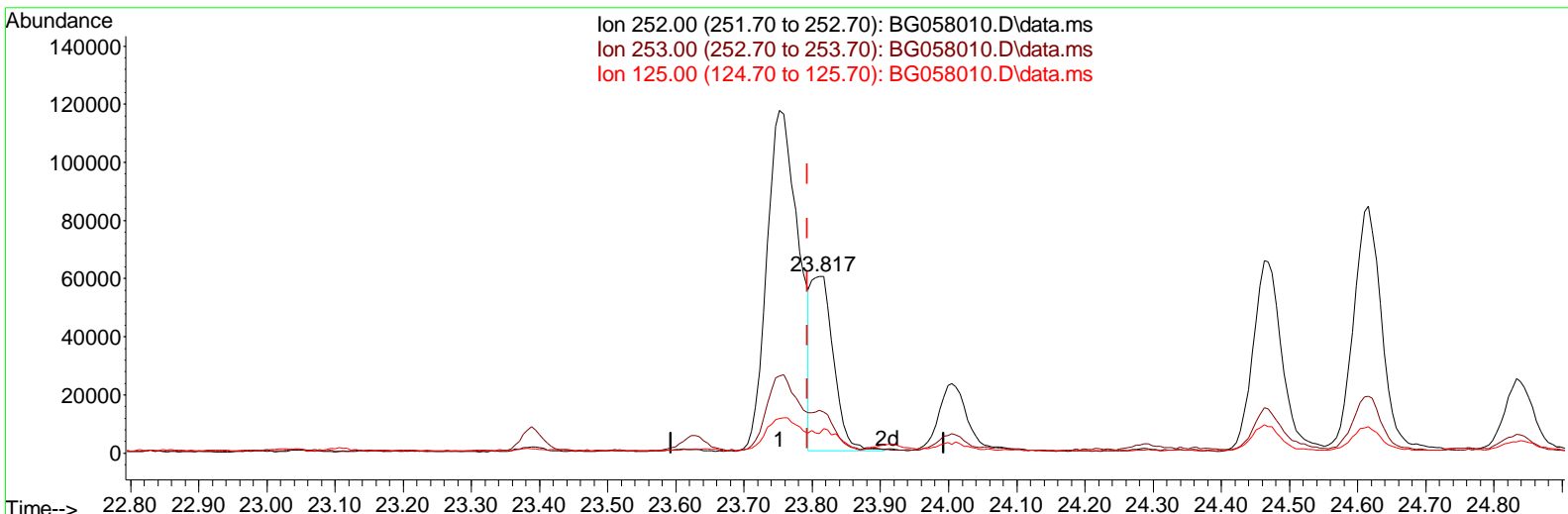
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN2

Manual Integrations APPROVED

Reviewed By : Yogesh Patel 07/05/2023
 Supervised By : Sohil Jodhani 07/05/2023

Quant Time: Jul 05 08:55:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration



TIC: BG058010.D\data.ms

(91) Benzo(k)fluoranthene

23.817min (+ 0.024) 5.47 ng/ul m

| response | 139058 | |
|----------|--------|--------|
| Ion | Exp% | Act% |
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10 | 23.19 |
| 125.00 | 9.30 | 13.88# |
| 0.00 | 0.00 | 0.00 |

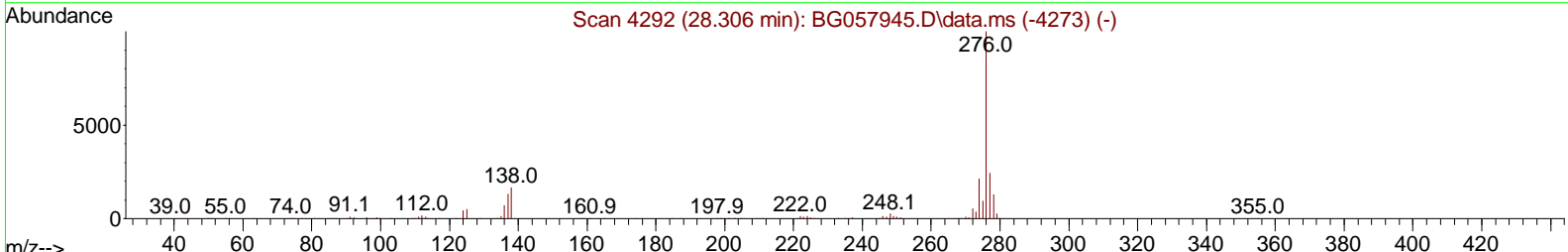
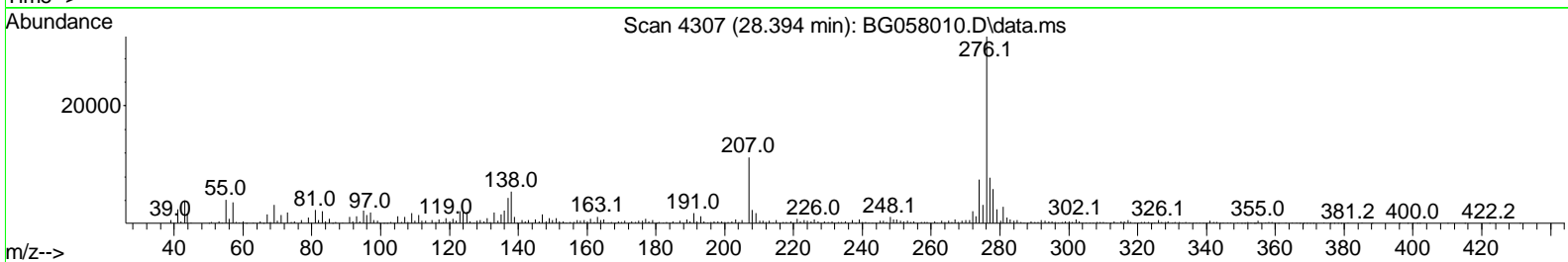
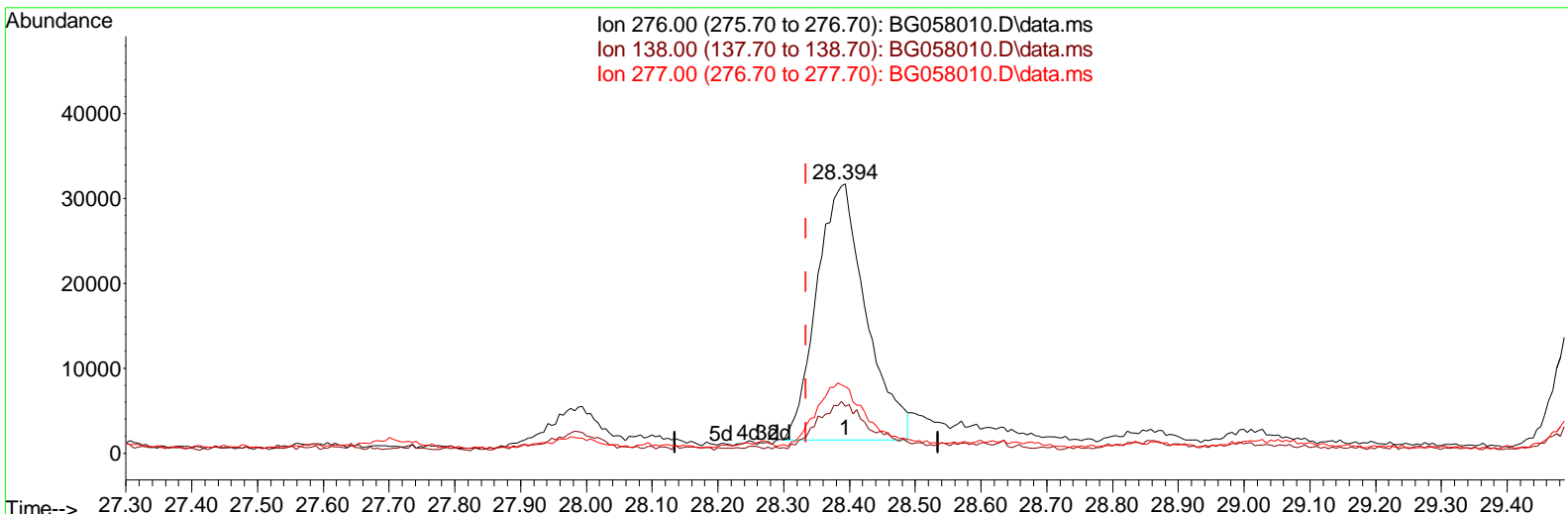
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 DCGN2

Manual Integrations APPROVED

Quant Time: Jul 05 08:56:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



TIC: BG058010.D\data.ms

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

28.394min (+ 0.059) 5.14 ng/ul

response 156819

| Ion | Exp% | Act% |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.50 | 17.45 |
| 277.00 | 24.30 | 24.69 |
| 0.00 | 0.00 | 0.00 |

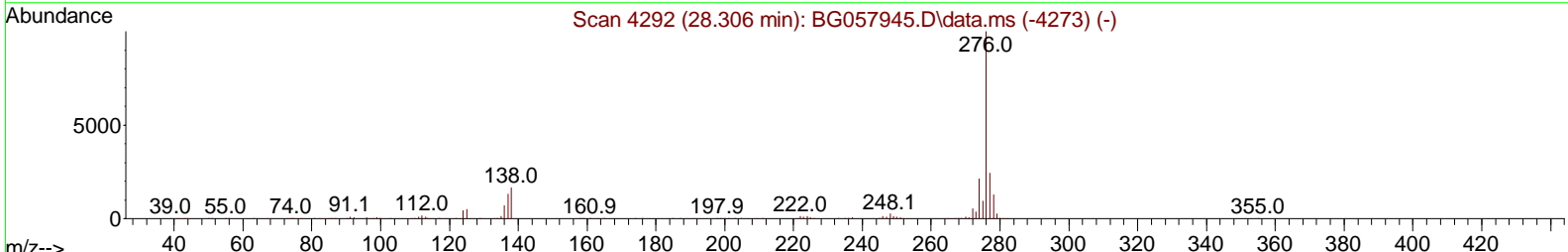
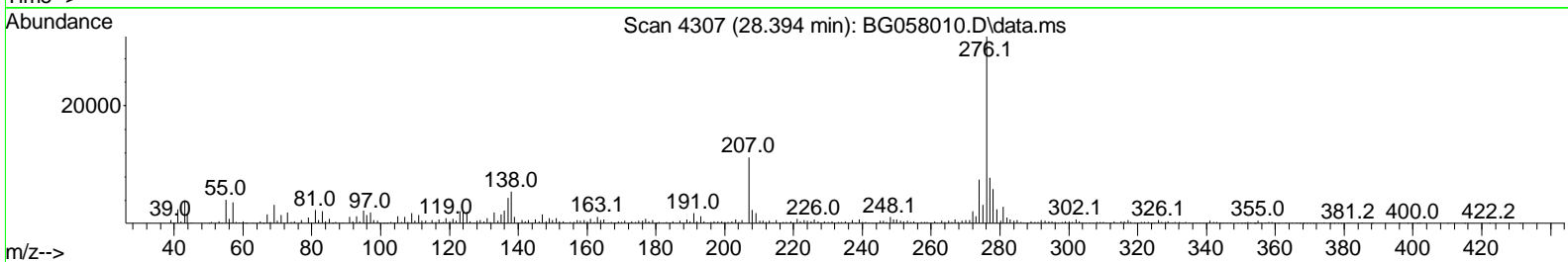
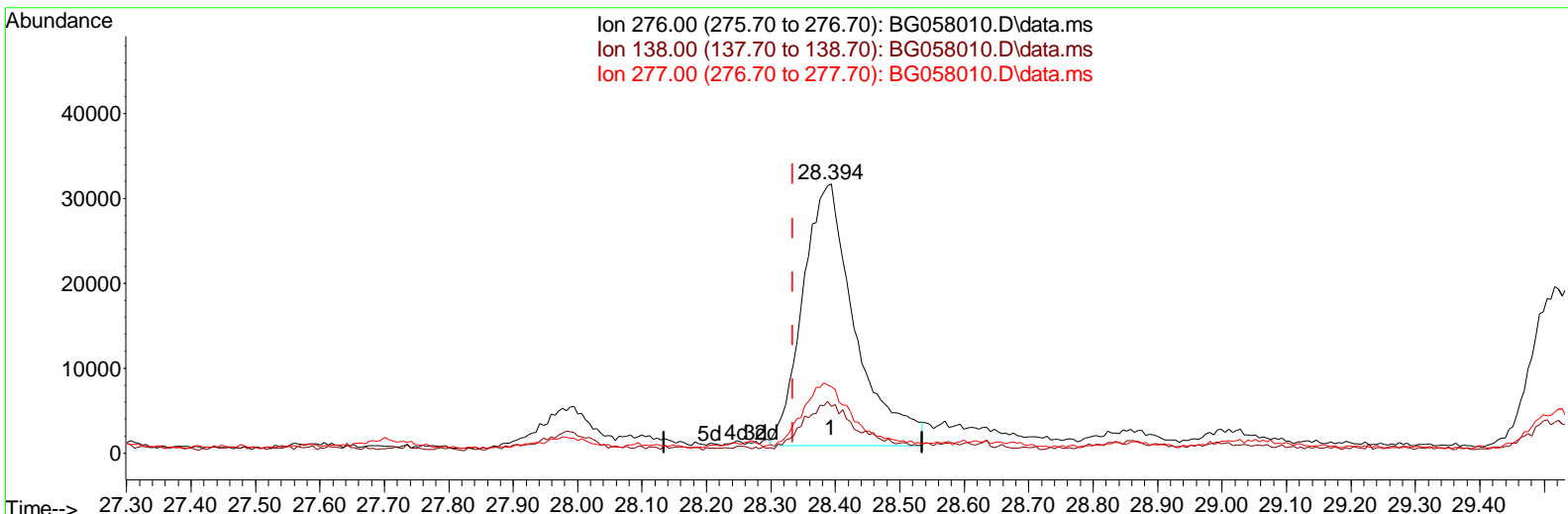
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 DCGN2

Manual Integrations APPROVED

Reviewed By : Yogesh Patel 07/05/2023
 Supervised By : Sohil Jodhani 07/05/2023

Quant Time: Jul 05 08:56:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration



TIC: BG058010.D\data.ms

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

28.394min (+ 0.059) 5.71 ng/ul m

response 174107

| Ion | Exp% | Act% |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.50 | 17.45 |
| 277.00 | 24.30 | 24.69 |
| 0.00 | 0.00 | 0.00 |

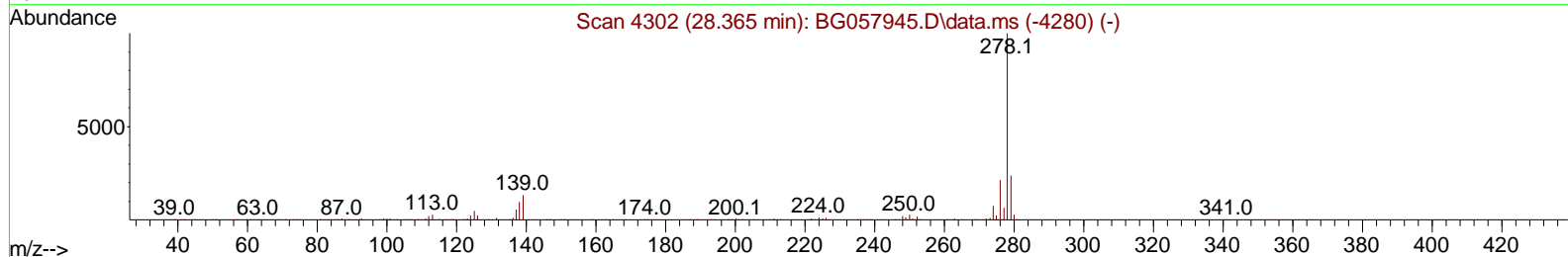
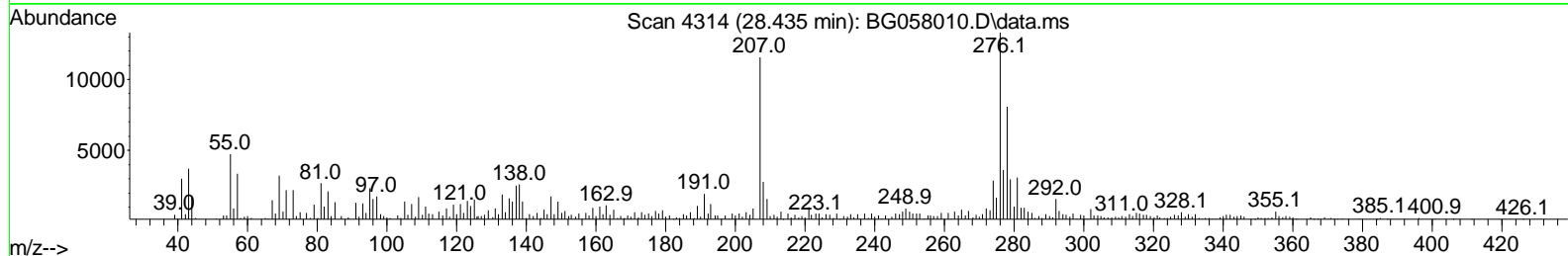
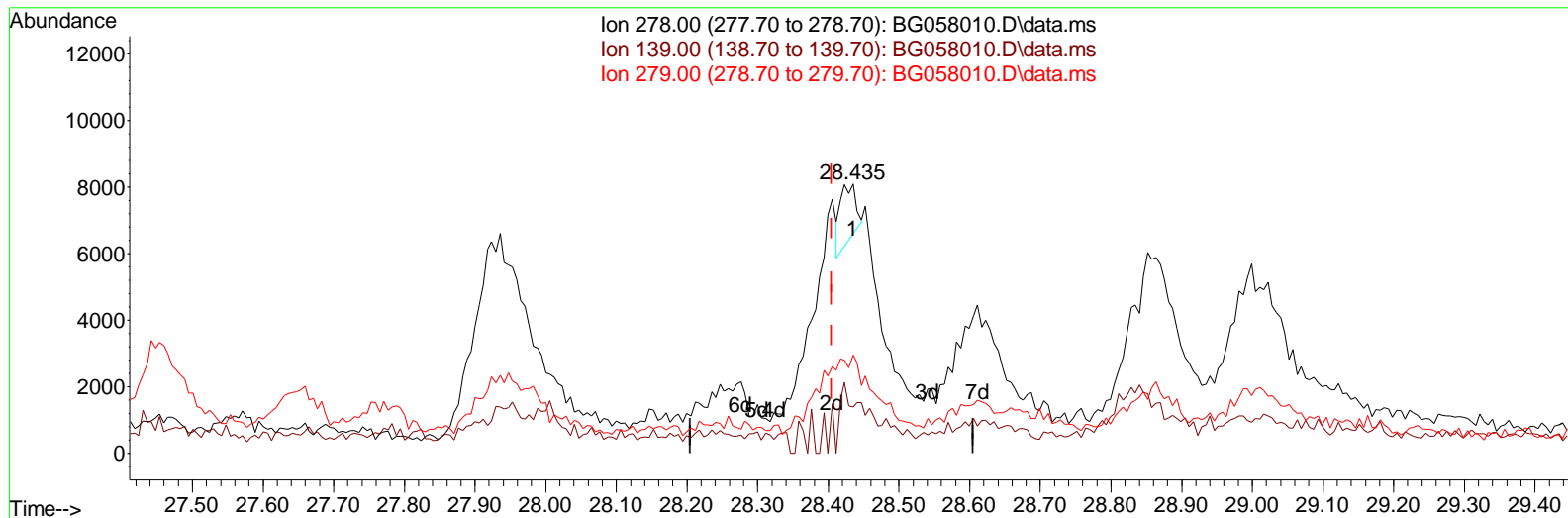
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN2

Manual Integrations APPROVED

Quant Time: Jul 05 08:56:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



TIC: BG058010.D\data.ms

(95) Dibenzo(a,h)anthracene

28.435min (+ 0.030) 0.10 ng/ul

response 2614

| Ion | Exp% | Act% |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 14.10 | 17.23# |
| 279.00 | 23.60 | 36.36# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

BNA_G

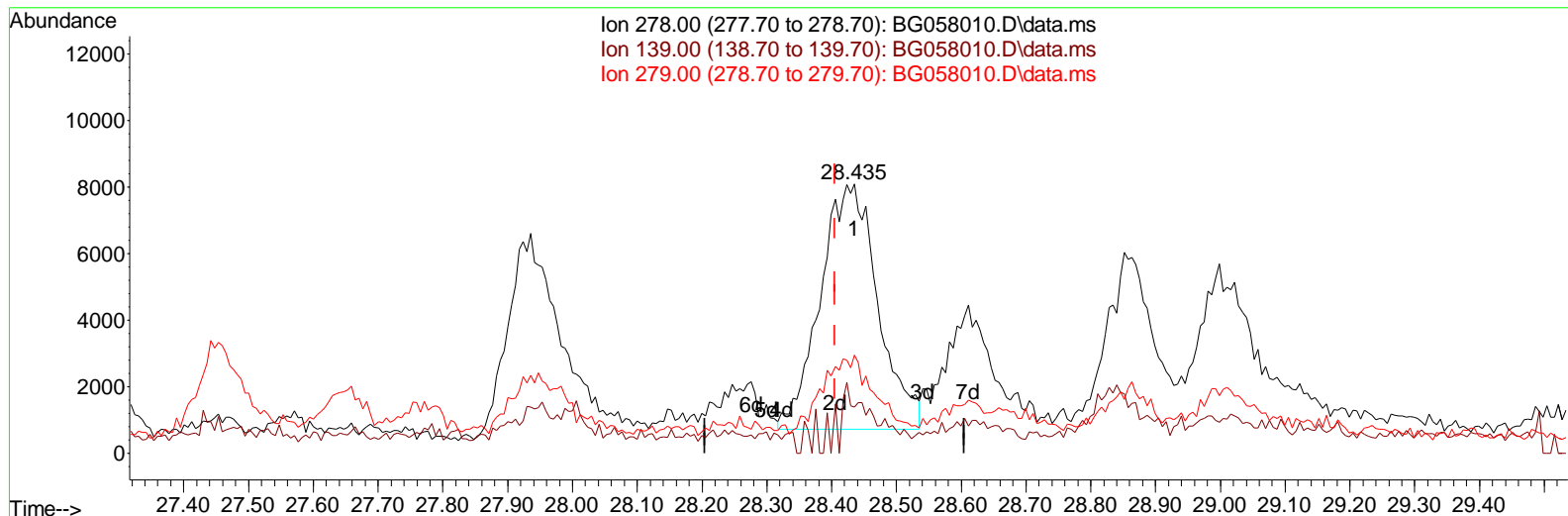
ClientSampleId :

DCGN2

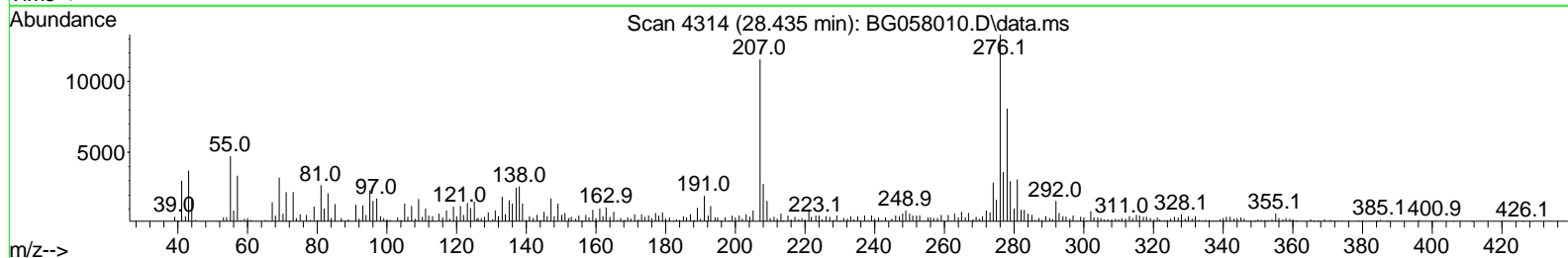
Manual Integrations APPROVED

Quant Time: Jul 05 08:56:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

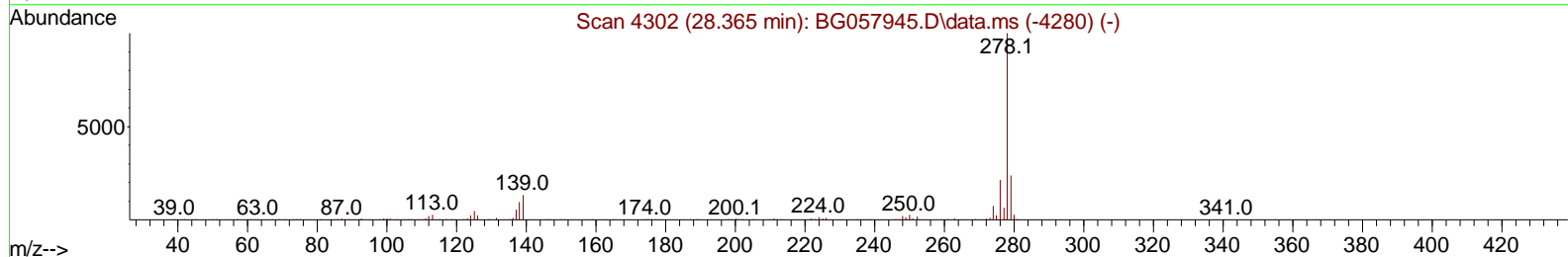
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



Ion 278.00 (277.70 to 278.70): BG058010.D\data.ms
 Ion 139.00 (138.70 to 139.70): BG058010.D\data.ms
 Ion 279.00 (278.70 to 279.70): BG058010.D\data.ms



Scan 4314 (28.435 min): BG058010.D\data.ms



Scan 4302 (28.365 min): BG057945.D\data.ms (-4280) (-)

TIC: BG058010.D\data.ms

(95) Dibenzo(a,h)anthracene

28.435min (+ 0.030) 1.80 ng/ul m

response 45250

| Ion | Exp% | Act% |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 14.10 | 17.23# |
| 279.00 | 23.60 | 36.36# |
| 0.00 | 0.00 | 0.00 |

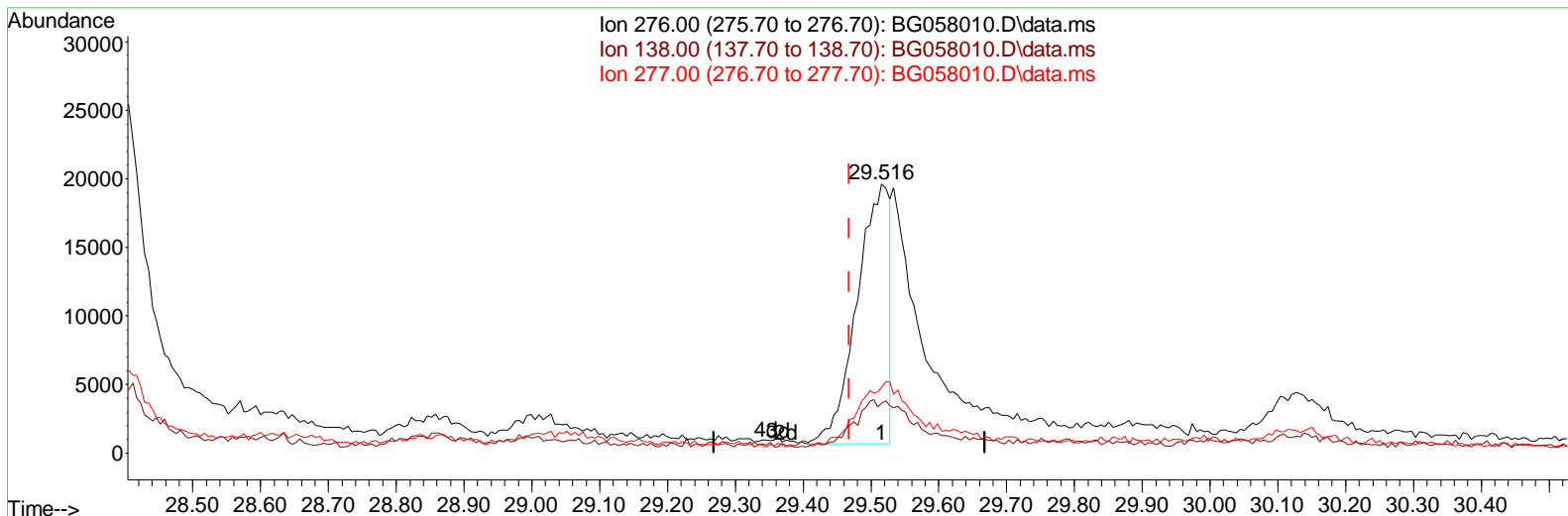
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN2

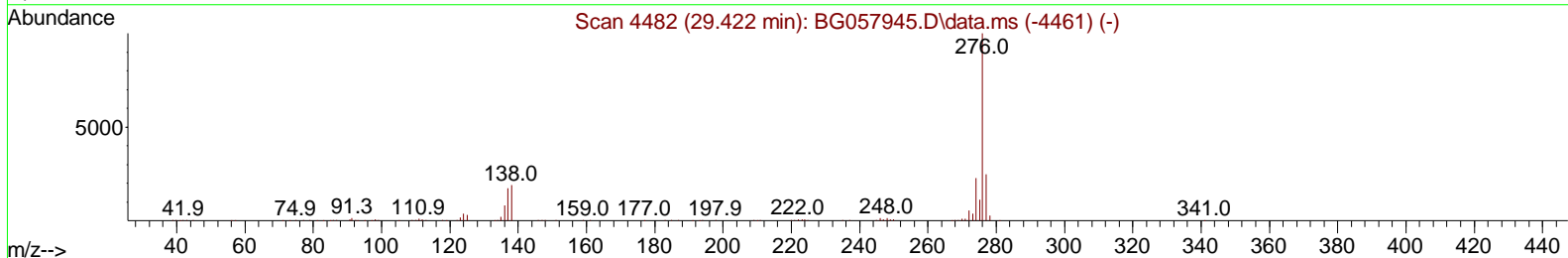
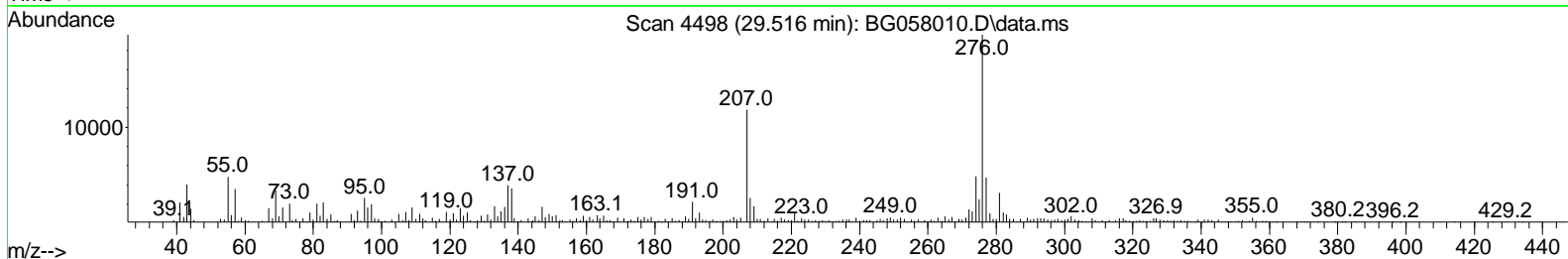
Manual Integrations APPROVED

Quant Time: Jul 05 08:56:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By : Yogesh Patel 07/05/2023
 Supervised By : Sohil Jodhani 07/05/2023



Ion 276.00 (275.70 to 276.70): BG058010.D\data.ms
 Ion 138.00 (137.70 to 138.70): BG058010.D\data.ms
 Ion 277.00 (276.70 to 277.70): BG058010.D\data.ms



TIC: BG058010.D\data.ms

(96) Benzo(g,h,i)perylene

29.516min (+ 0.047) 2.54 ng/ul

| response | 63371 | |
|----------|--------|--------|
| Ion | Exp% | Act% |
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.70 | 18.63 |
| 277.00 | 23.20 | 24.42 |
| 0.00 | 0.00 | 0.00 |

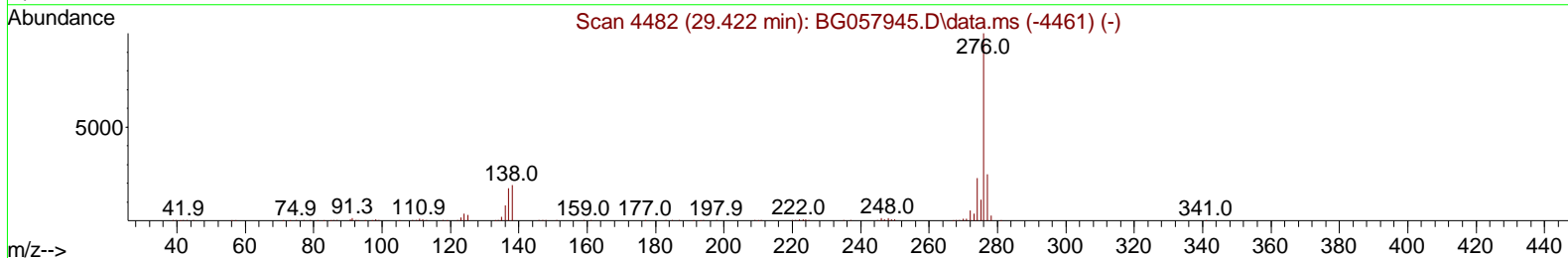
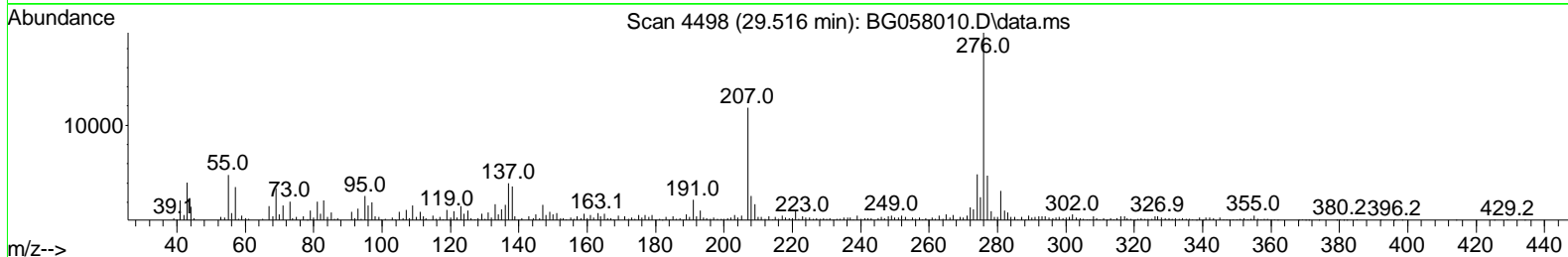
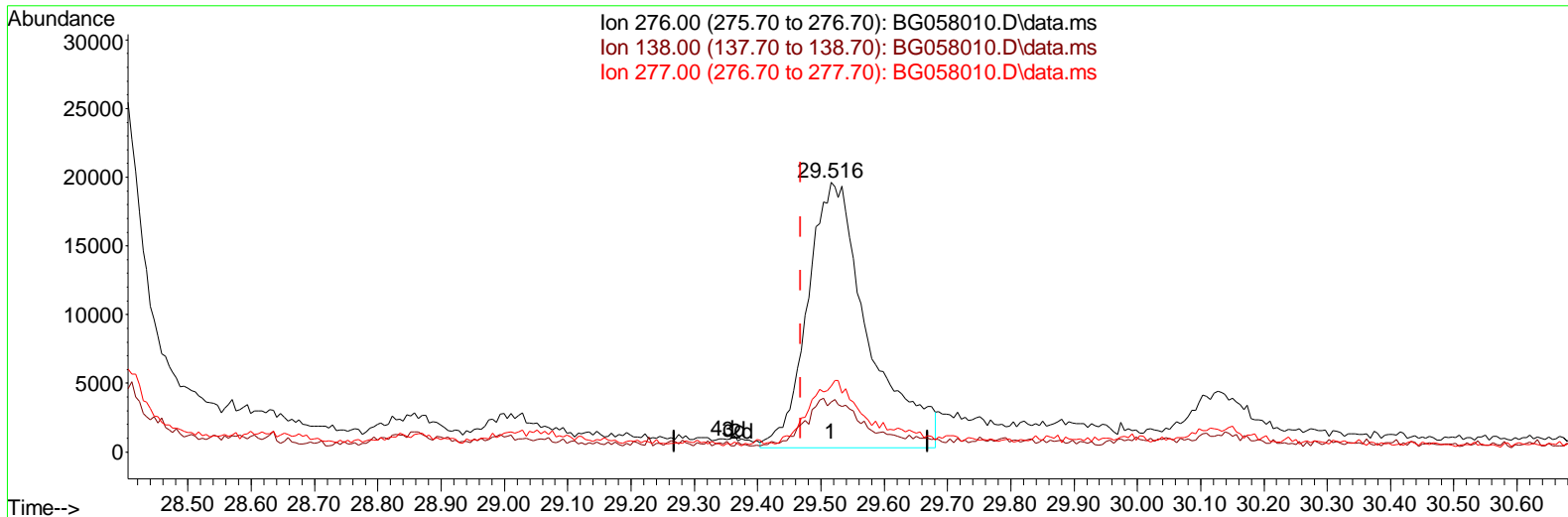
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN2

Manual Integrations APPROVED

Quant Time: Jul 05 08:56:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



TIC: BG058010.D\data.ms

(96) Benzo(g,h,i)perylene

29.516min (+ 0.047) 5.17 ng/ul m

response 128754

| Ion | Exp% | Act% |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.70 | 18.63 |
| 277.00 | 23.20 | 24.42 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7:34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 DCGN2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 08:57:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

| Compound | R.T. | QI on | Response | Conc | Units | Dev(Min) |
|------------------------------------|--------|-------|----------|--------|-------|----------|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.941 | 152 | 64505 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.750 | 136 | 296301 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.580 | 164 | 193957 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.324 | 188 | 420830 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.584 | 240 | 343330 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 24.763 | 264 | 418910 | 20.000 | ng/ul | 0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.376 | 96 | 5272 | 2.862 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.787 | 84 | 74794 | 13.374 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.113 | 99 | 127551 | 19.362 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.265 | 67 | 76187 | 19.191 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.477 | 132 | 94791 | 20.863 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.652 | 113 | 92362 | 18.581 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.104 | 128 | 49156 | 20.355 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.827 | 143 | 53939 | 21.252 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.374 | 165 | 98956 | 20.324 | ng/ul | 0.01 |
| 31) 4-Chloroaniline-d4 | 10.885 | 131 | 44073 | 5.970 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.981 | 166 | 313355 | 20.476 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.275 | 160 | 354753 | 21.243 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.786 | 143 | 48759 | 18.034 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.573 | 176 | 274358 | 21.110 | ng/ul | 0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.691 | 200 | 34104 | 14.924 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.424 | 188 | 386138 | 19.774 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.710 | 212 | 474391 | 21.939 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.545 | 264 | 480462 | 22.512 | ng/ul | 0.03 |
| Target Compounds | | | | | | |
| 30) Naphthalene | 10.802 | 128 | 52282 | 3.140 | ng/ul | 96 |
| 36) 2-Methylnaphthalene | 12.406 | 142 | 11334 | 1.010 | ng/ul | 91 |
| 50) Acenaphthylene | 14.304 | 152 | 20765m | 1.151 | ng/ul | |
| 72) Phenanthrene | 17.365 | 178 | 127677 | 5.964 | ng/ul | 100 |
| 74) Anthracene | 17.459 | 178 | 24154m | 1.115 | ng/ul | |
| 80) Fluoranthene | 19.375 | 202 | 363053 | 14.490 | ng/ul | 100 |
| 82) Pyrene | 19.739 | 202 | 286917 | 11.376 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.560 | 228 | 229963 | 9.329 | ng/ul | 97 |
| 87) Chrysene | 21.625 | 228 | 223615 | 9.676 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.752 | 252 | 379040 | 14.613 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.817 | 252 | 139058m | 5.470 | ng/ul | |
| 93) Benzo(a)pyrene | 24.616 | 252 | 225978 | 9.843 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.394 | 276 | 174107m | 5.711 | ng/ul | |
| 95) Di benzo(a,h)anthracene | 28.435 | 278 | 45250m | 1.800 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.516 | 276 | 128754m | 5.171 | ng/ul | |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058010.D
 Acq On : 5 Jul 2023 7: 34
 Operator : CG/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DCGN2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 08: 57: 24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05: 09: 13 2023
 Response via : Initial Calibration

