Quantitation Report (Qedit)

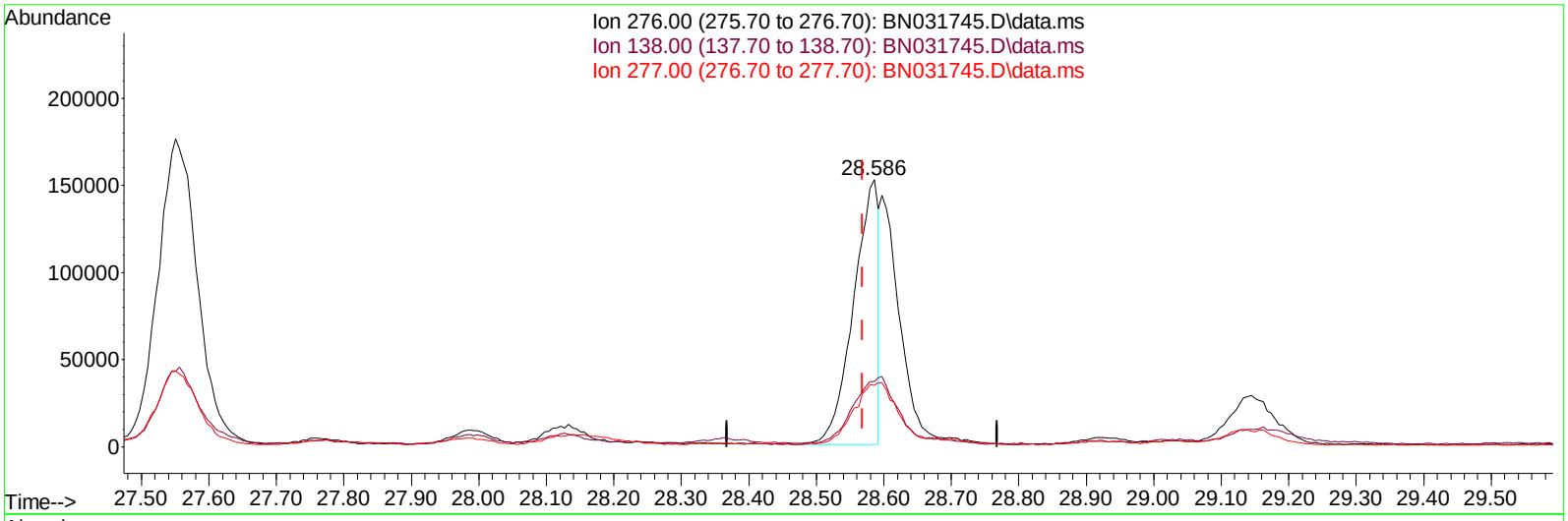
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031745.D
Acq On : 31 May 2024 16:57
Operator : MA/JU
Sample : P2549-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

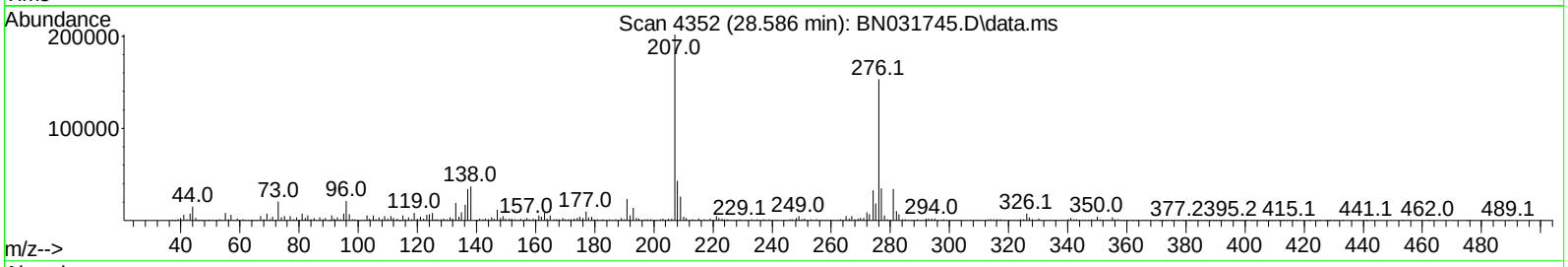
Quant Time: Jun 01 00:13:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

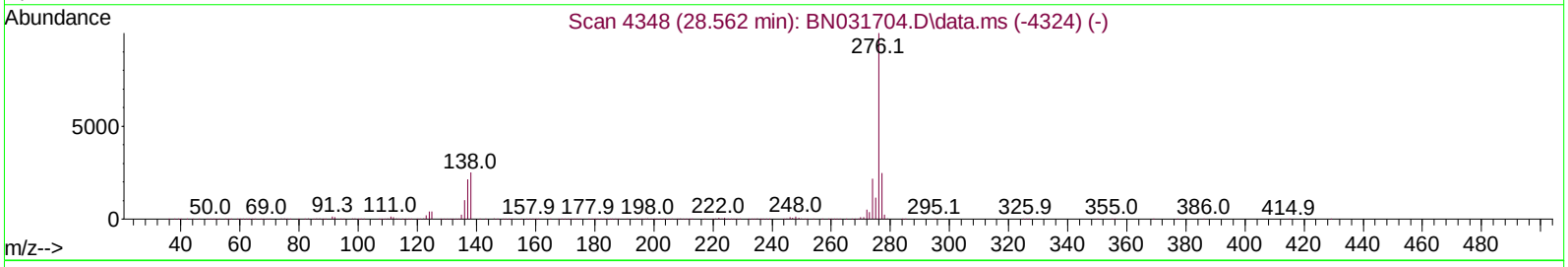
**Instrument :**
BNA_N
**ClientSampleId :**
BH623

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024




TIC: BN031745.D\data.ms

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

**28.586min (+ 0.017) 4.17 ng/ul**

**response 390091**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 26.10 | 24.36 |
| 277.00 | 22.50 | 22.95 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

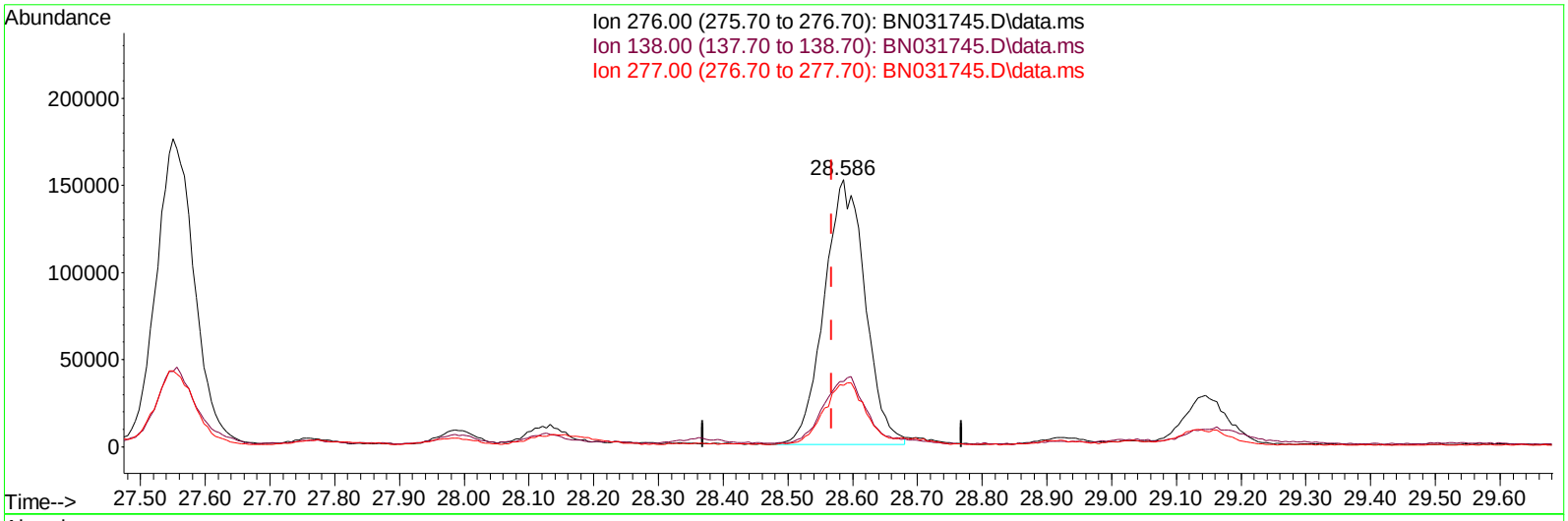
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031745.D
Acq On : 31 May 2024 16:57
Operator : MA/JU
Sample : P2549-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

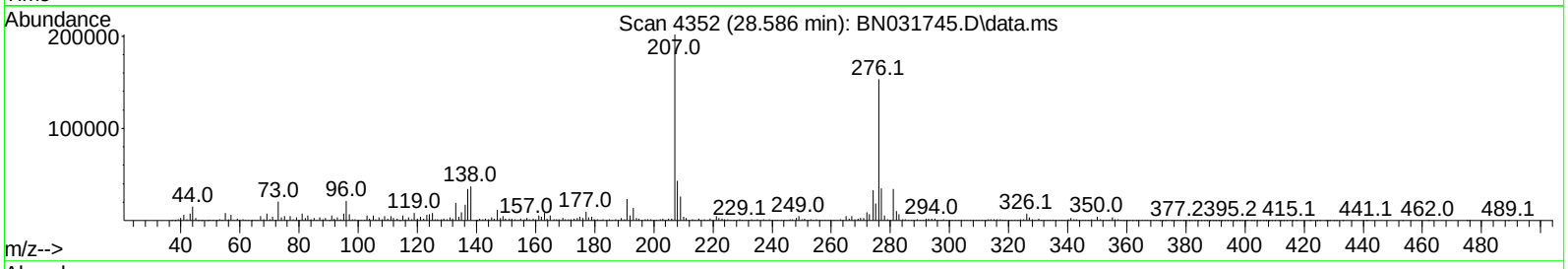
Quant Time: Jun 01 00:13:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

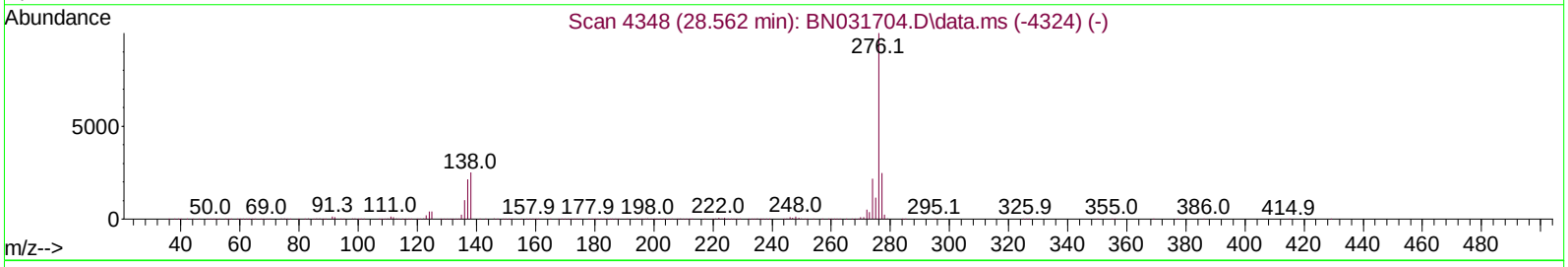
**Instrument :**
BNA_N
**ClientSampleId :**
BH623

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024




TIC: BN031745.D\data.ms

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

**28.586min (+ 0.017) 7.16 ng/ul m**

**response 670974**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 26.10 | 24.36 |
| 277.00 | 22.50 | 22.95 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031745.D
Acq On : 31 May 2024 16:57
Operator : MA/JU
Sample : P2549-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 02 23:39:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BH623

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.681 | 152 | 598538 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.463 | 136 | 2520459 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.322 | 164 | 1415148 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.069 | 188 | 2240058 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.304 | 240 | 1552132 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.251 | 264 | 1826374 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.193 | 96 | 64452 | 4.455 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.593 | 84 | 779734 | 19.146 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.852 | 99 | 1296886 | 25.275 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.022 | 67 | 723817 | 24.116 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.216 | 132 | 1034064 | 26.412 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.387 | 113 | 851827 | 20.366 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.840 | 128 | 519524 | 26.958 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.557 | 143 | 555207 | 27.890 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.087 | 165 | 942406 | 25.358 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.604 | 131 | 484384 | 8.778 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.739 | 166 | 2586046 | 26.231 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.016 | 160 | 3034660 | 26.770 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.539 | 143 | 356505 | 18.061 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.322 | 176 | 2085952 | 25.006 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.445 | 200 | 181486 | 16.118 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.169 | 188 | 2501089 | 26.080 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.469 | 212 | 2448731 | 29.482 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.045 | 264 | 2336489 | 26.792 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 50) Acenaphthylene | 14.045 | 152 | 135015 | 1.054 | ng/ul | 99 |
| 72) Phenanthrene | 17.116 | 178 | 750616 | 6.578 | ng/ul | 99 |
| 74) Anthracene | 17.204 | 178 | 159075 | 1.376 | ng/ul | 96 |
| 78) Di-n-butylphthalate | 18.045 | 149 | 231423 | 1.706 | ng/ul | 99 |
| 80) Fluoranthene | 19.133 | 202 | 1731065 | 17.439 | ng/ul | 100 |
| 82) Pyrene | 19.498 | 202 | 1606231 | 15.772 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.404 | 149 | 53718 | 1.117 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.286 | 228 | 819688 | 7.890 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.221 | 149 | 441587 | 6.298 | ng/ul | 98 |
| 87) Chrysene | 21.351 | 228 | 925353 | 9.536 | ng/ul | 94 |
| 90) Benzo(b)fluoranthene | 23.315 | 252 | 1296092 | 11.873 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.374 | 252 | 471340 | 4.400 | ng/ul | 95 |
| 93) Benzo(a)pyrene | 24.110 | 252 | 916621 | 8.965 | ng/ul | 94 |
| 94) Indeno(1,2,3-cd)pyrene | 27.551 | 276 | 714142 | 6.061 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 27.598 | 278 | 182144 | 1.894 | ng/ul# | 92 |
| 96) Benzo(g,h,i)perylene | 28.586 | 276 | 670974m | 7.164 | ng/ul | |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031745.D
Acq On : 31 May 2024 16:57
Operator : MA/JU
Sample : P2549-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 02 23:39:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BH623

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024