Quantitation Report (Qedit)

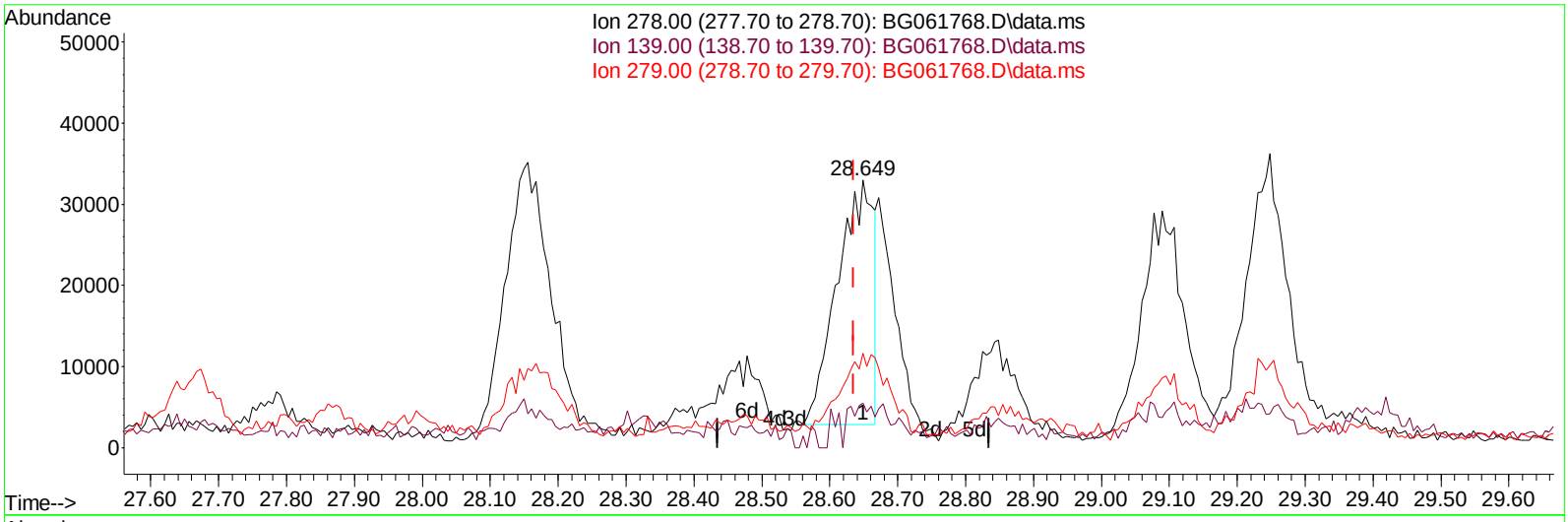
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061768.D
Acq On : 28 Jun 2024 12:09
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 35 Sample Multiplier: 1

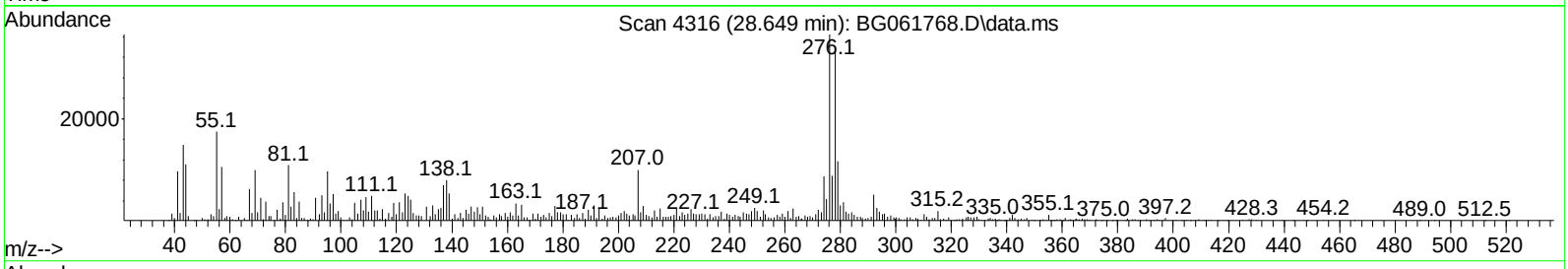
Quant Time: Jun 28 12:42:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

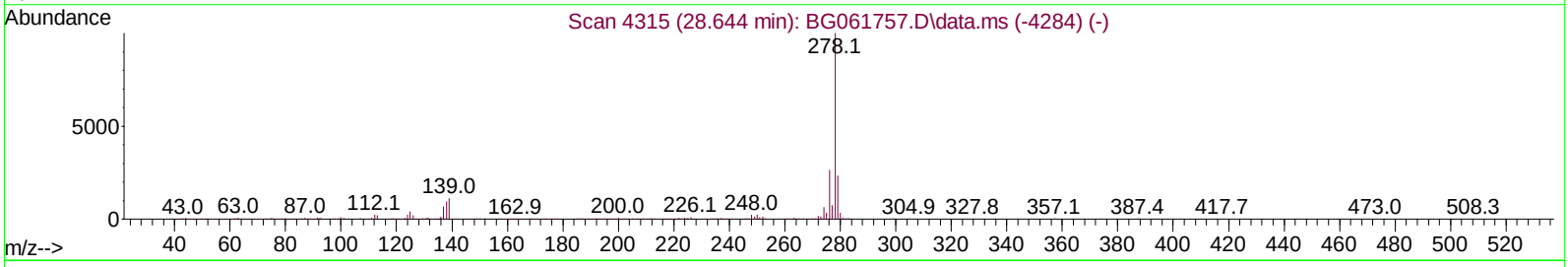
**Instrument :**
BNA_G
**ClientSampleId :**
A4CQ0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/28/2024
Supervised By :mohammad ahmed 06/29/2024




TIC: BG061768.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.649min (+ 0.014) 4.38 ng/ul**

**response 110989**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 11.40 | 16.69# |
| 279.00 | 23.30 | 35.37# |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_G
**ClientSampleId :**
A4CQ0

**Manual IntegrationsAPPROVED**

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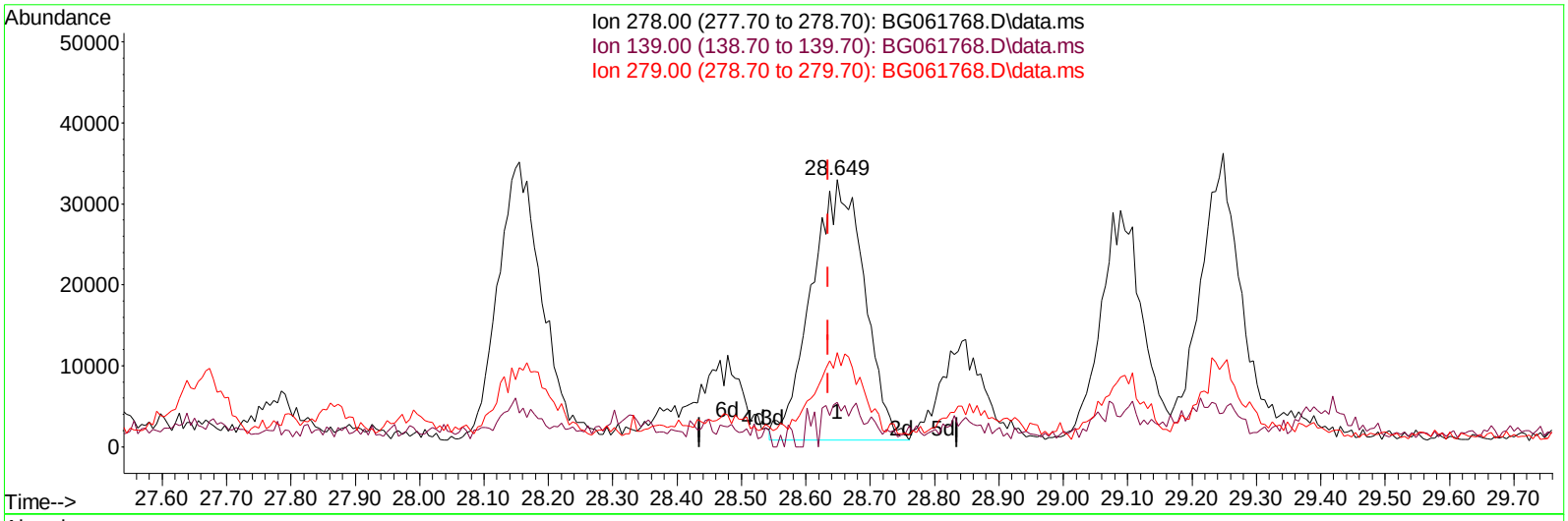


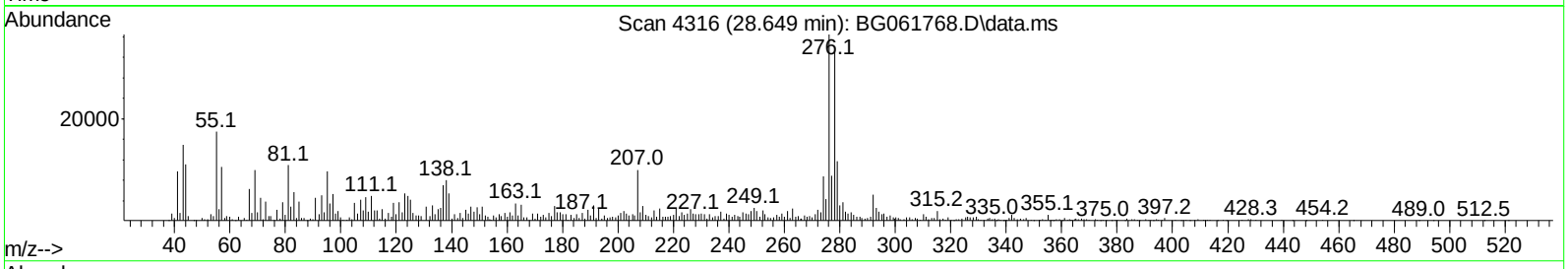


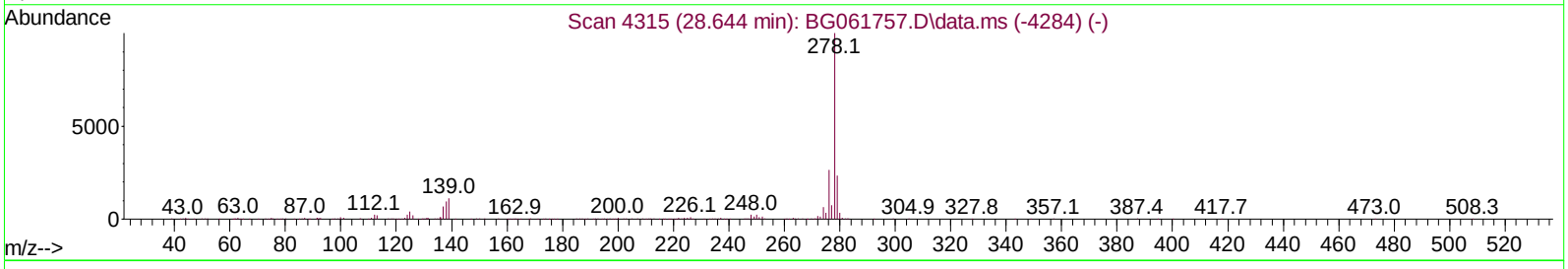


TIC: BG061768.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.649min (+ 0.014) 7.29 ng/ul m**

**response 184697**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 11.40 | 16.69# |
| 279.00 | 23.30 | 35.37# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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ALS Vial : 35 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
A4CQ0

**Manual IntegrationsAPPROVED**

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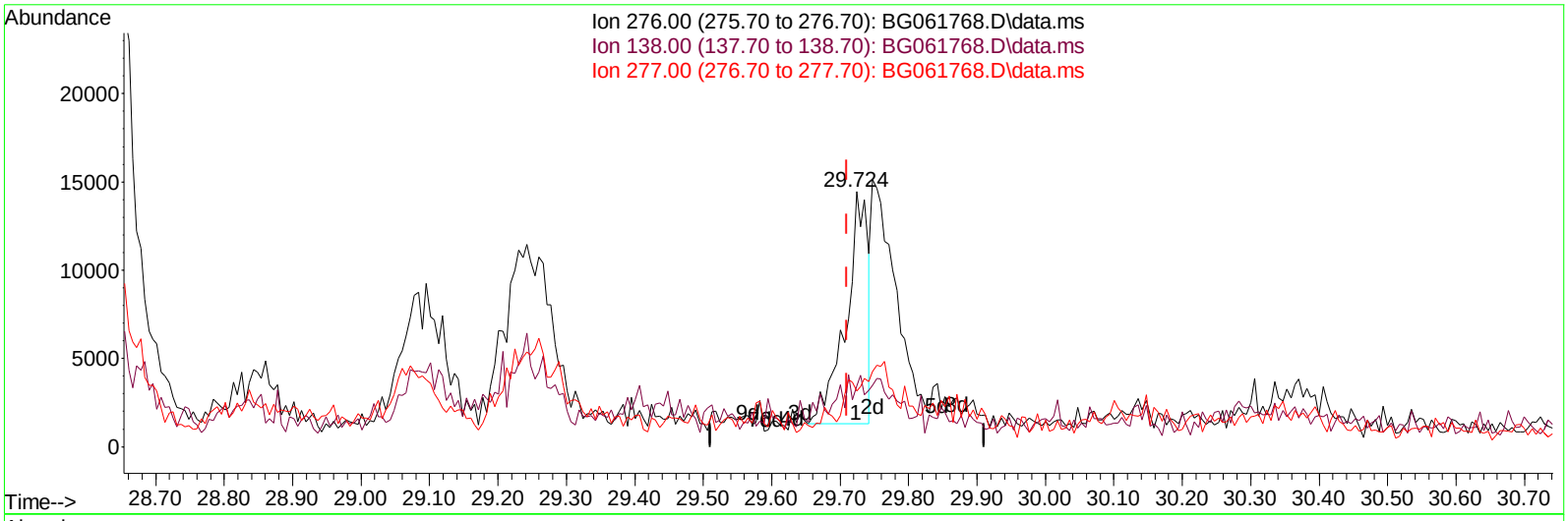


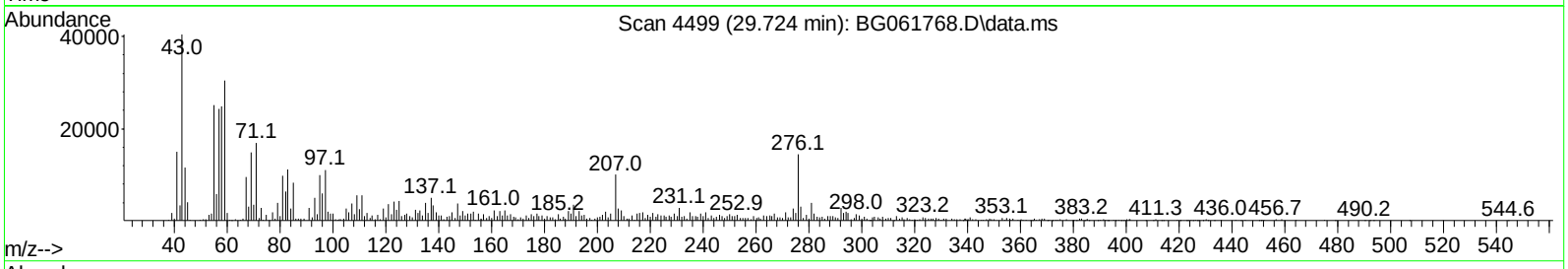


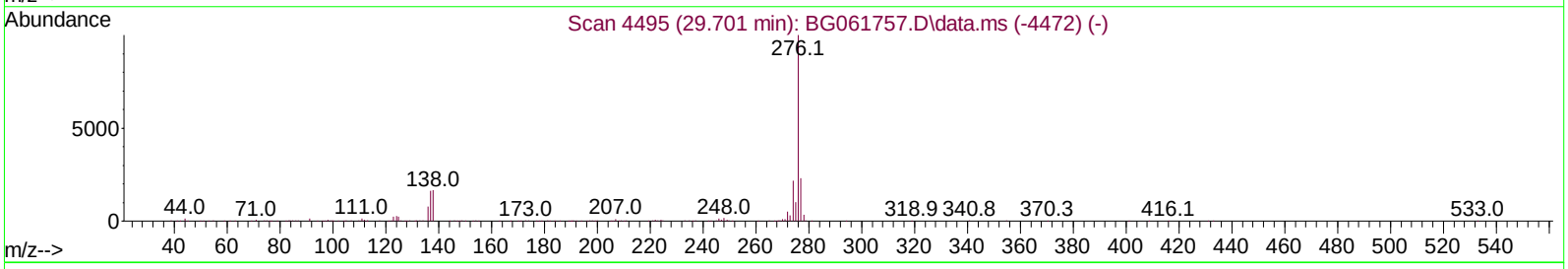


TIC: BG061768.D\data.ms

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

**29.724min (+ 0.014) 1.19 ng/ul**

**response 29291**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 15.30 | 23.77# |
| 277.00 | 23.20 | 21.87 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Data File : BG061768.D
Acq On : 28 Jun 2024 12:09
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jun 28 12:42:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
A4CQ0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/28/2024
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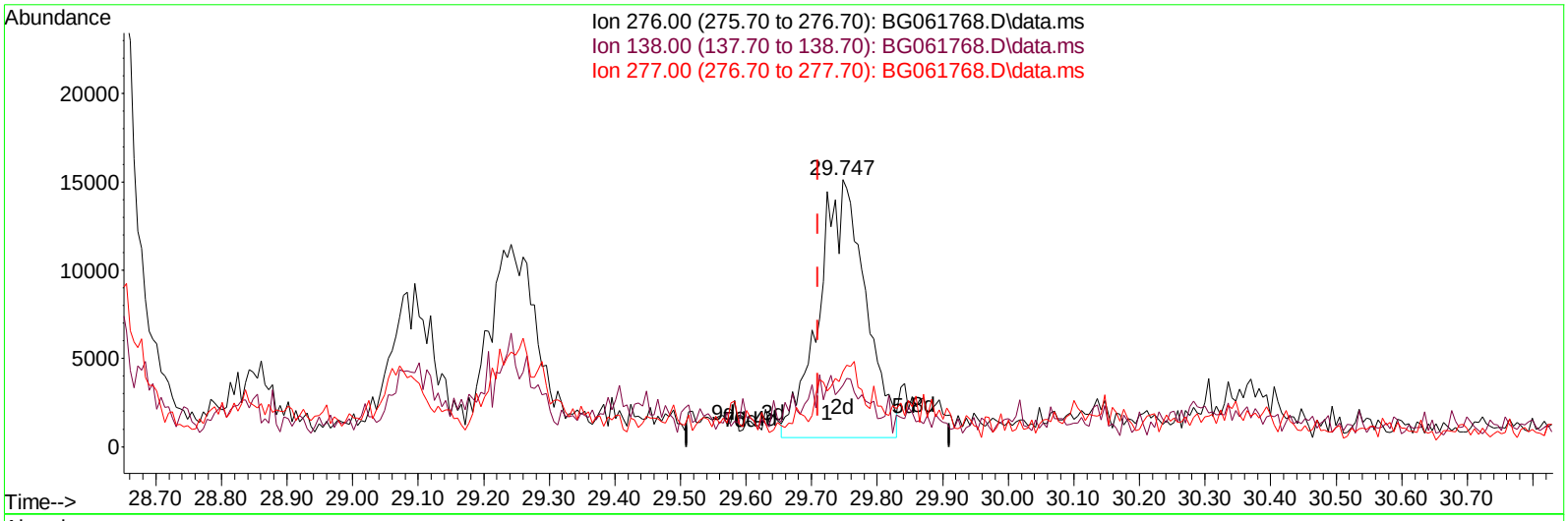


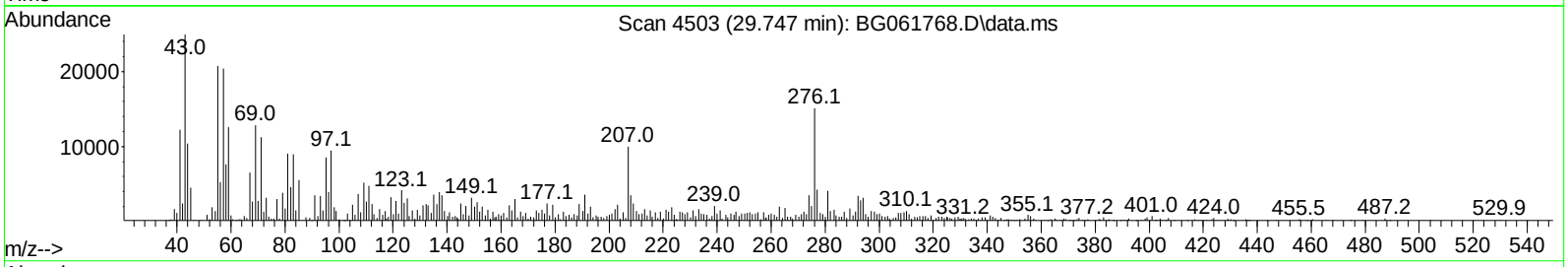


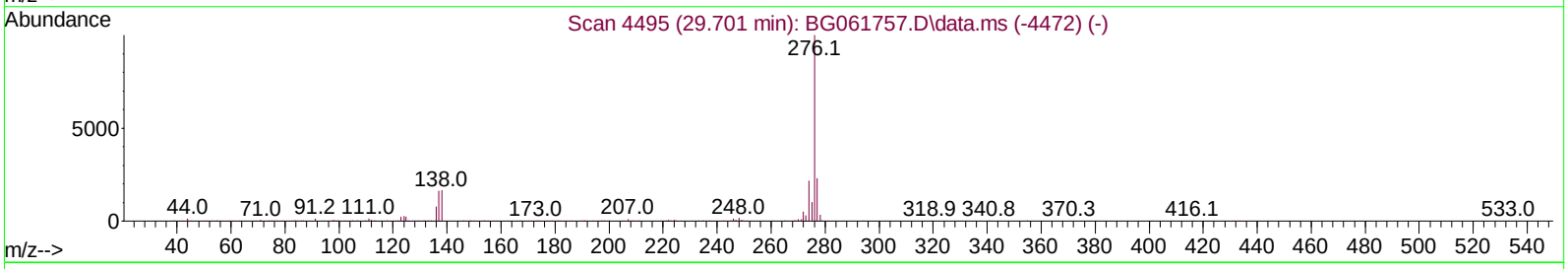


TIC: BG061768.D\data.ms

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

**29.747min (+ 0.037) 2.93 ng/ul m**

**response 71956**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 15.30 | 23.03# |
| 277.00 | 23.20 | 28.15# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061768.D
Acq On : 28 Jun 2024 12:09
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jun 28 12:45:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
A4CQ0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.055 | 152 | 85135 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.864 | 136 | 384057 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.683 | 164 | 241674 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.427 | 188 | 493140 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.692 | 240 | 365884 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.924 | 264 | 422250 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.455 | 96 | 11225 | 4.763 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.878 | 84 | 28864 | 4.051 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.203 | 99 | 258048 | 27.921 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.380 | 67 | 161005 | 27.945 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.579 | 132 | 186130 | 29.348 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.749 | 113 | 192930 | 27.003 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.219 | 128 | 89037 | 34.144 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.941 | 143 | 102314 | 38.739 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.476 | 165 | 190428 | 30.450 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 0.000 | 131 | 0d | 0.000 | ng/ul | |
| 46) Dimethylphthalate-d6 | 14.084 | 166 | 557401 | 29.971 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.377 | 160 | 629417 | 30.882 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.859 | 143 | 80448 | 25.187 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.670 | 176 | 469360 | 28.828 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.781 | 200 | 60832 | 28.848 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.527 | 188 | 700079 | 31.101 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.806 | 212 | 600991 | 29.406 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.700 | 264 | 418383 | 20.746 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 16) Acetophenone | 8.878 | 105 | 14201 | 1.207 | ng/ul | 98 |
| 30) Naphthalene | 10.917 | 128 | 69391 | 3.229 | ng/ul | 96 |
| 36) 2-Methylnaphthalene | 12.521 | 142 | 27945 | 1.843 | ng/ul | 87 |
| 50) Acenaphthylene | 14.407 | 152 | 58277 | 2.561 | ng/ul# | 96 |
| 52) Acenaphthene | 14.747 | 153 | 22619 | 1.436 | ng/ul | 93 |
| 56) Dibenzofuran | 15.076 | 168 | 48847 | 2.215 | ng/ul | 98 |
| 61) Fluorene | 15.729 | 166 | 29117 | 1.596 | ng/ul# | 96 |
| 72) Phenanthrene | 17.468 | 178 | 652458 | 25.149 | ng/ul | 99 |
| 74) Anthracene | 17.562 | 178 | 146896 | 5.537 | ng/ul | 99 |
| 77) Carbazole | 17.826 | 167 | 48588 | 2.157 | ng/ul# | 90 |
| 80) Fluoranthene | 19.477 | 202 | 1192178 | 50.274 | ng/ul | 98 |
| 82) Pyrene | 19.836 | 202 | 927390 | 36.780 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.675 | 228 | 655433 | 25.520 | ng/ul | 95 |
| 86) Bis(2-ethylhexyl)phtha... | 21.586 | 149 | 27909 | 2.068 | ng/ul# | 96 |
| 87) Chrysene | 21.739 | 228 | 763945 | 31.435 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 23.901 | 252 | 1071325 | 42.207 | ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 23.966 | 252 | 374862 | 14.360 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 24.771 | 252 | 388295 | 15.890 | ng/ul# | 92 |
| 94) Indeno(1,2,3-cd)pyrene | 28.608 | 276 | 490823 | 16.119 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 28.649 | 278 | 184697m | 7.294 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.747 | 276 | 71956m | 2.931 | ng/ul | |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

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