Quantitation Report (Qedit)

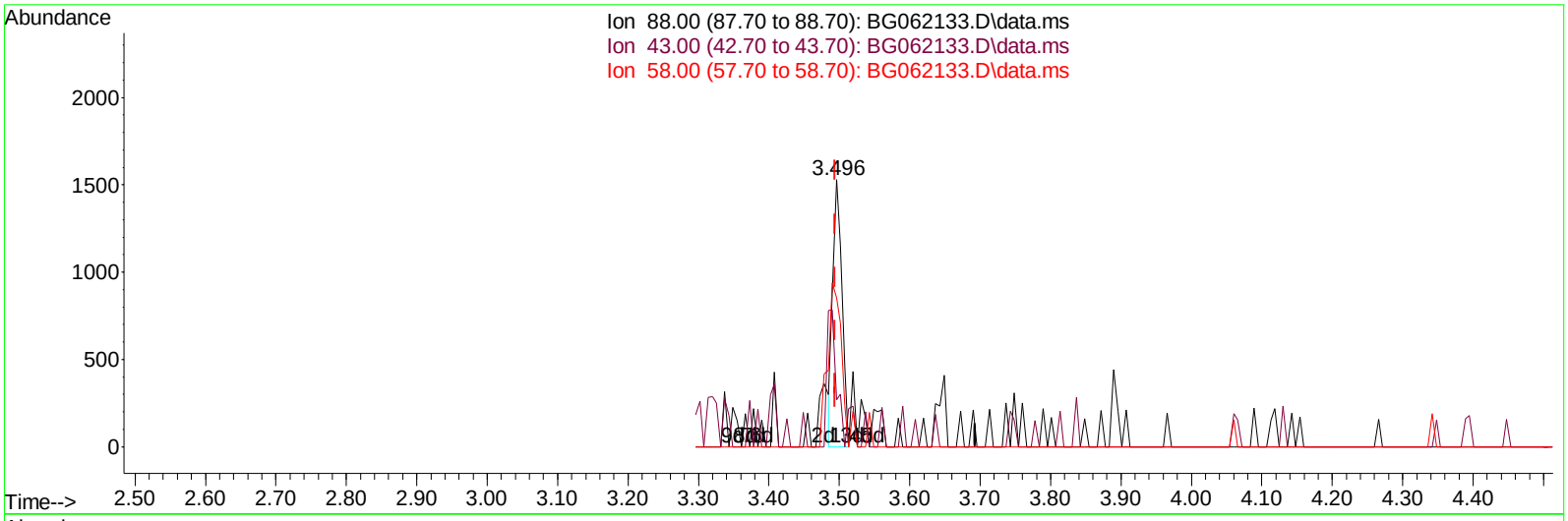
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062133.D
Acq On : 19 Jul 2024 9:16
Operator : MA/JU
Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

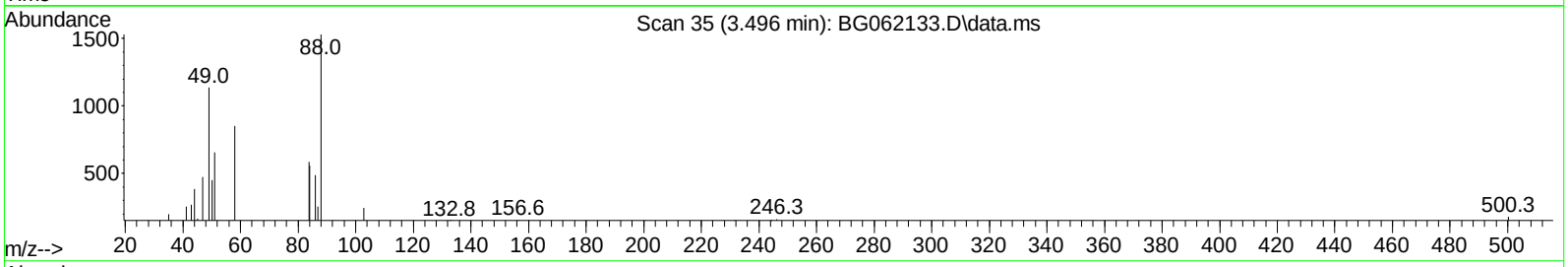
Quant Time: Jul 19 12:41:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 12:42:00 2024
Response via : Initial Calibration

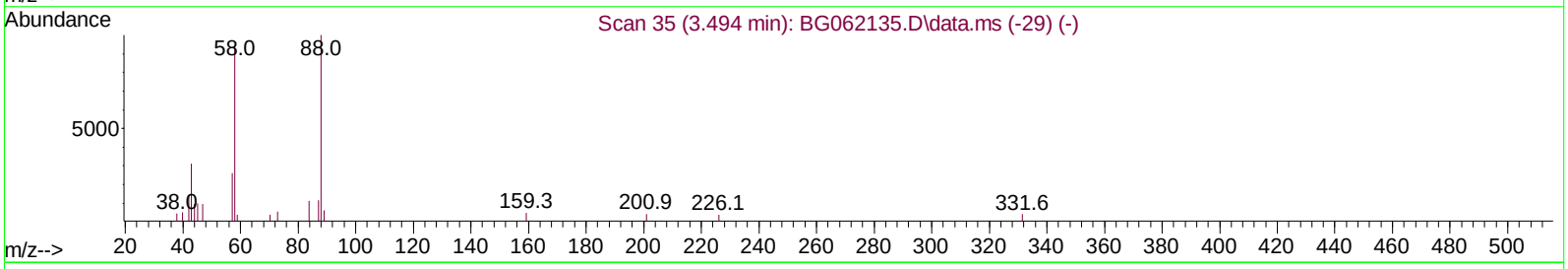
**Instrument :**
BNA_G
**ClientSampleId :**
SSTD005404

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024




TIC: BG062133.D\data.ms

**(2) 1,4-Dioxane**

**3.496min (+ 0.002) 1.57 ng/uL**

**response 1416**

| Ion | Exp% | Act% |
|---|---|---|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 31.20 | 17.59# |
| 58.00 | 94.30 | 55.72# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

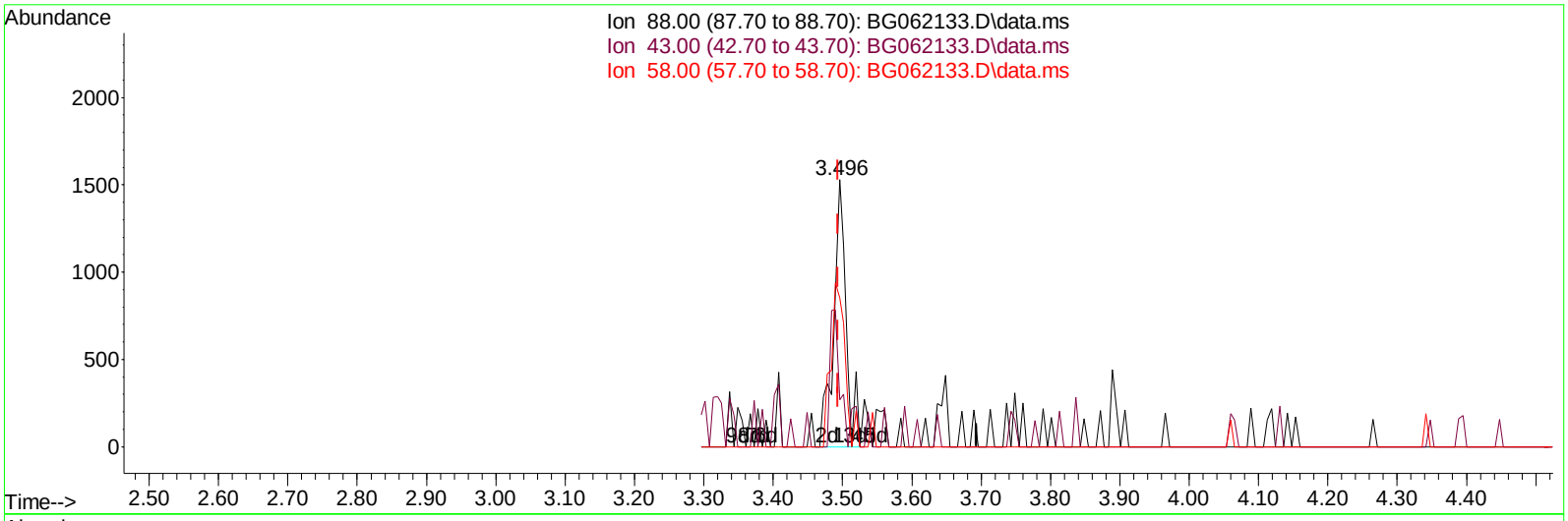
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062133.D
Acq On : 19 Jul 2024 9:16
Operator : MA/JU
Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

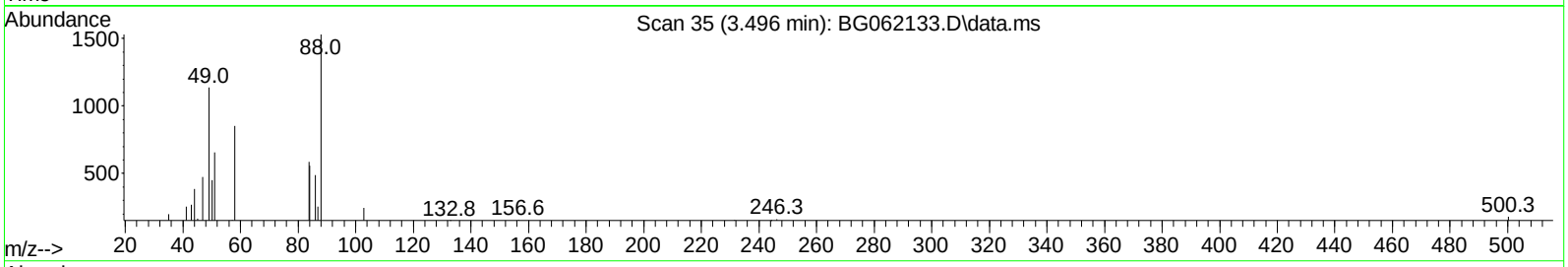
Quant Time: Jul 19 12:41:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 12:42:00 2024
Response via : Initial Calibration

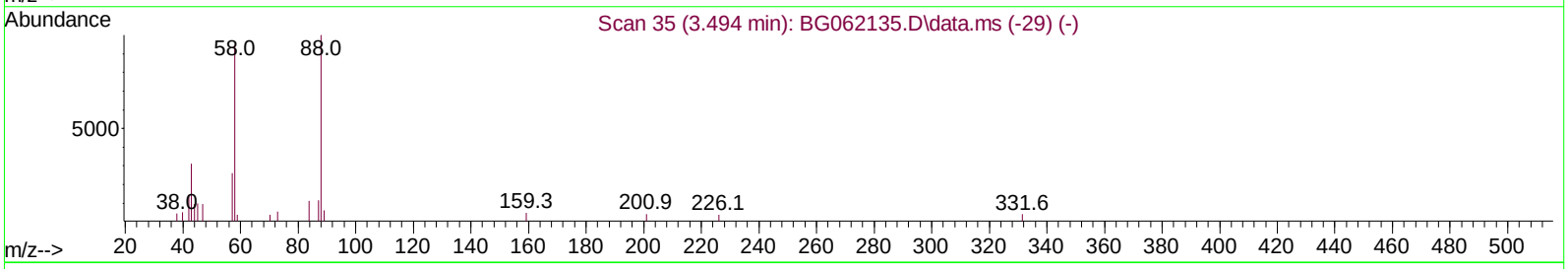
**Instrument :**
BNA_G
**ClientSampleId :**
SSTD005404

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024




TIC: BG062133.D\data.ms

**(2) 1,4-Dioxane**

**3.496min (+ 0.002) 2.11 ng/uL m**

**response 1902**

| Ion | Exp% | Act% |
|---|---|---|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 31.20 | 17.59# |
| 58.00 | 94.30 | 55.72# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

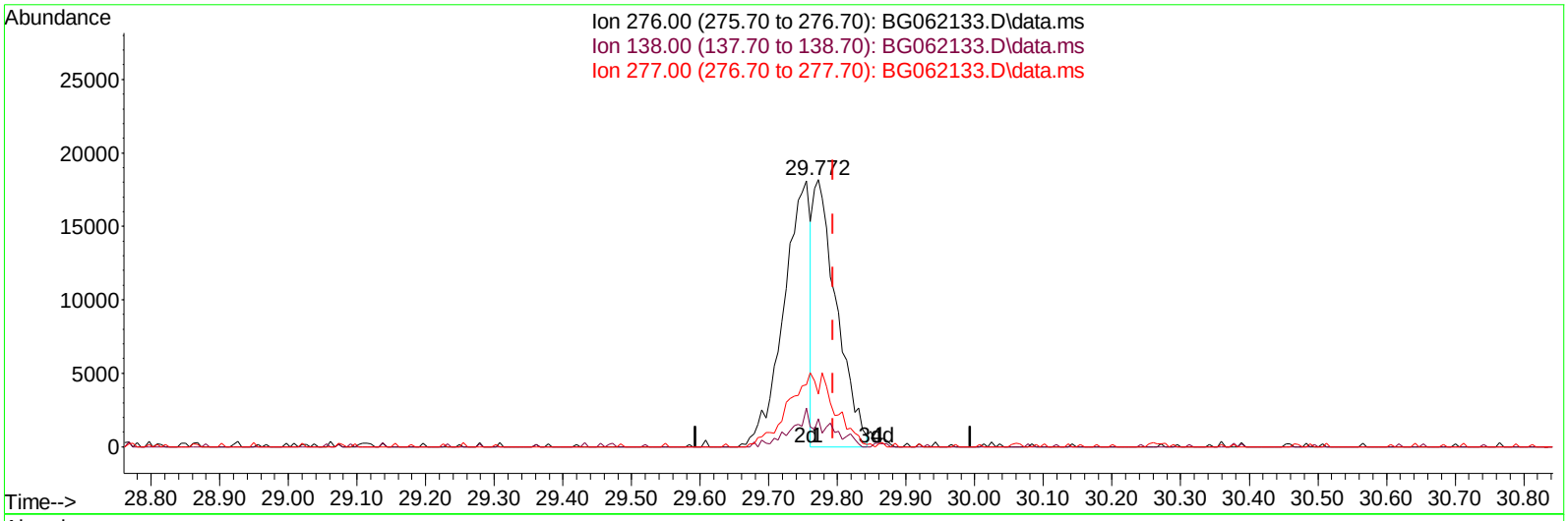
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062133.D
Acq On : 19 Jul 2024 9:16
Operator : MA/JU
Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

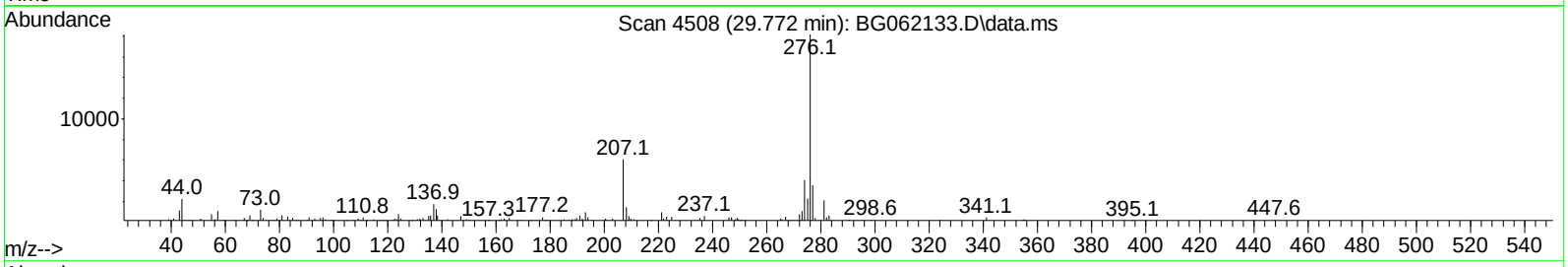
Quant Time: Jul 19 12:41:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 12:42:00 2024
Response via : Initial Calibration

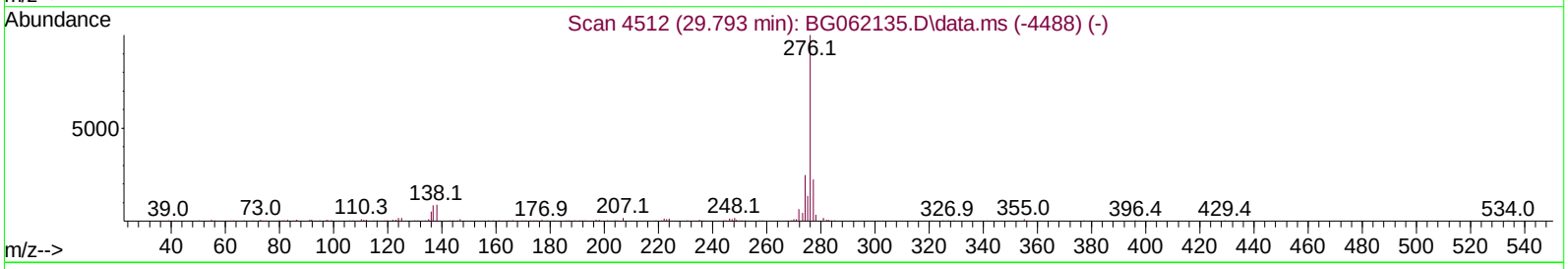
**Instrument :**
BNA_G
**ClientSampleId :**
SSTD005404

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024




TIC: BG062133.D\data.ms

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

**29.772min (-0.021) 2.45 ng/ul**

**response 43146**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 8.80 | 10.45 |
| 277.00 | 22.40 | 19.74 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

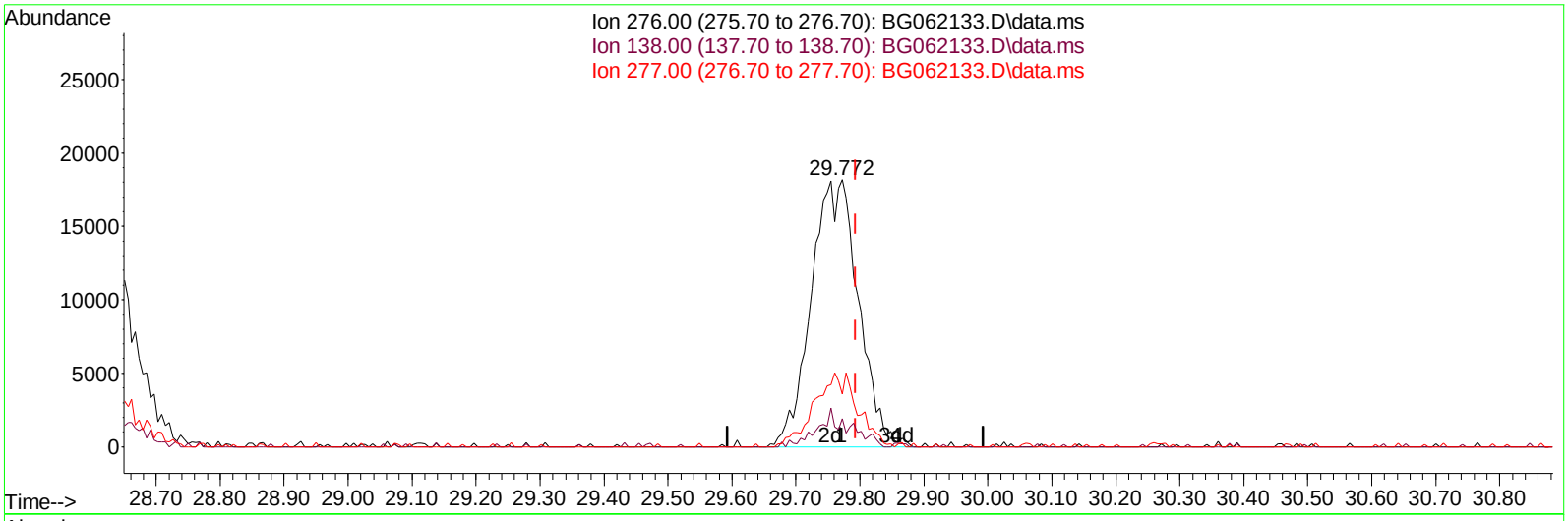
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062133.D
Acq On : 19 Jul 2024 9:16
Operator : MA/JU
Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

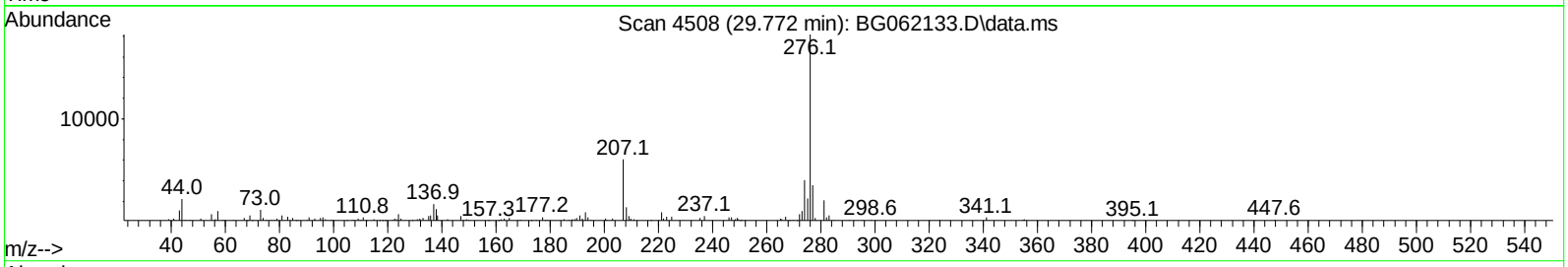
Quant Time: Jul 19 12:41:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 12:42:00 2024
Response via : Initial Calibration

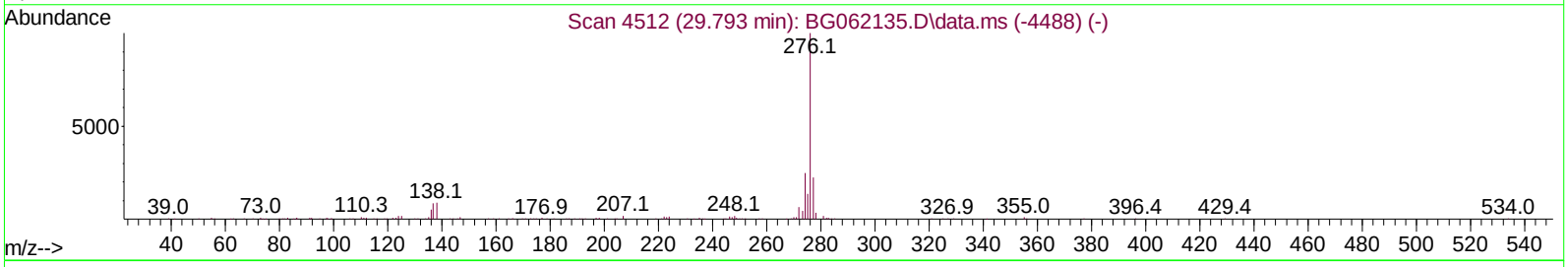
**Instrument :**
BNA_G
**ClientSampleId :**
SSTD005404

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024




TIC: BG062133.D\data.ms

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

**29.772min (-0.021) 5.27 ng/ul m**

**response 92890**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 8.80 | 7.03# |
| 277.00 | 22.40 | 19.74 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062133.D
Acq On : 19 Jul 2024 9:16
Operator : MA/JU
Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 12:44:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 12:42:00 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD005404

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.066 | 152 | 27298 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.880 | 136 | 115137 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.693 | 164 | 101638 | 20.000 | ng/ul | # 0.00 |
| 64) Phenanthrene-d10 | 17.436 | 188 | 289656 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.701 | 240 | 320756 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.926 | 264 | 333883 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.461 | 96 | 990 | 1.440 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 0.000 | 99 | 0d | 0.000 | ng/ul | |
| 9) Bis-(2-Chloroethyl)eth... | 0.000 | 67 | 0d | 0.000 | ng/ul | |
| 11) 2-Chlorophenol-d4 | 7.602 | 132 | 8260 | 4.506 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 0.000 | 113 | 0d | 0.000 | ng/ul | |
| 21) Nitrobenzene-d5 | 9.235 | 128 | 5099 | 5.832 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.952 | 143 | 5362 | 5.037 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.498 | 165 | 11060 | 4.634 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 0.000 | 131 | 0d | 0.000 | ng/ul | |
| 46) Dimethylphthalate-d6 | 14.093 | 166 | 44079 | 5.250 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.393 | 160 | 42554 | 4.841 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.679 | 176 | 36193 | 4.861 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 0.000 | 200 | 0d | 0.000 | ng/ul | |
| 73) Anthracene-d10 | 17.536 | 188 | 69400 | 5.248 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.815 | 212 | 87878 | 4.814 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.697 | 264 | 80824 | 4.826 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.496 | 88 | 1902m | 2.109 | ng/uL | |
| 12) 2-Chlorophenol | 7.632 | 128 | 8883 | 4.907 | ng/ul | 94 |
| 17) N-Nitroso-di-n-propyla... | 8.859 | 70 | 10601 | 5.134 | ng/ul# | 96 |
| 19) Hexachloroethane | 9.141 | 117 | 3976 | 5.092 | ng/ul# | 75 |
| 22) Nitrobenzene | 9.276 | 77 | 14498 | 4.910 | ng/ul# | 88 |
| 23) Isophorone | 9.793 | 82 | 31287 | 5.320 | ng/ul# | 95 |
| 25) 2-Nitrophenol | 9.981 | 139 | 6658 | 5.833 | ng/ul# | 89 |
| 26) 2,4-Dimethylphenol | 10.052 | 107 | 13981 | 4.947 | ng/ul | 90 |
| 27) Bis(2-Chloroethoxy)met... | 10.275 | 93 | 14317 | 5.220 | ng/ul# | 88 |
| 29) 2,4-Dichlorophenol | 10.528 | 162 | 10804 | 4.804 | ng/ul# | 93 |
| 30) Naphthalene | 10.933 | 128 | 32288 | 5.101 | ng/ul# | 95 |
| 33) Hexachlorobutadiene | 11.197 | 225 | 10854 | 5.179 | ng/ul# | 86 |
| 35) 4-Chloro-3-methylphenol | 12.167 | 107 | 12615 | 4.452 | ng/ul | 94 |
| 36) 2-Methylnaphthalene | 12.531 | 142 | 25198 | 5.310 | ng/ul | 83 |
| 37) 1-Methylnaphthalene | 12.748 | 142 | 24760 | 4.989 | ng/ul | 86 |
| 39) 1,2,4,5-Tetrachloroben... | 12.889 | 216 | 20579 | 4.985 | ng/ul# | 96 |
| 41) 2,4,6-Trichlorophenol | 13.136 | 196 | 10457 | 4.310 | ng/ul# | 80 |
| 42) 2,4,5-Trichlorophenol | 13.218 | 196 | 12501 | 4.876 | ng/ul | 88 |
| 43) 1,1'-Biphenyl | 13.529 | 154 | 36805 | 5.172 | ng/ul | 93 |
| 44) 2-Chloronaphthalene | 13.571 | 162 | 30052 | 5.091 | ng/ul | 95 |
| 45) 2-Nitroaniline | 13.782 | 65 | 9857 | 4.523 | ng/ul# | 91 |
| 47) Dimethylphthalate | 14.140 | 163 | 43900 | 5.402 | ng/ul | 96 |
| 48) 2,6-Dinitrotoluene | 14.270 | 165 | 8250 | 4.976 | ng/ul | 95 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062133.D
Acq On : 19 Jul 2024 9:16
Operator : MA/JU
Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 12:44:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 12:42:00 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD005404

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 50) Acenaphthylene | 14.416 | 152 | 48359 | 5.058 | ng/ul# | 96 |
| 52) Acenaphthene | 14.757 | 153 | 32178 | 5.056 | ng/ul | 88 |
| 56) Dibenzofuran | 15.092 | 168 | 47667 | 5.010 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 15.057 | 165 | 12805 | 5.139 | ng/ul# | 78 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.321 | 232 | 10137 | 4.554 | ng/ul# | 88 |
| 59) Diethylphthalate | 15.491 | 149 | 41215 | 5.201 | ng/ul# | 94 |
| 61) Fluorene | 15.738 | 166 | 41810 | 5.051 | ng/ul | 92 |
| 62) 4-Chlorophenyl-phenyle... | 15.726 | 204 | 26115 | 5.160 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.944 | 169 | 36554 | 5.200 | ng/ul | 96 |
| 68) 4-Bromophenyl-phenylether | 16.619 | 248 | 17062 | 5.061 | ng/ul | 92 |
| 69) Hexachlorobenzene | 16.737 | 284 | 17845 | 4.992 | ng/ul | 93 |
| 72) Phenanthrene | 17.477 | 178 | 69498 | 5.047 | ng/ul | 98 |
| 74) Anthracene | 17.571 | 178 | 74314 | 5.248 | ng/ul | 97 |
| 75) 1,2,3,4-Tetrachloroben... | 13.500 | 216 | 19278 | 4.696 | ng/ul# | 84 |
| 76) Pentachlorobenzene | 15.004 | 250 | 19487 | 4.652 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.382 | 149 | 72232 | 5.472 | ng/ul | 99 |
| 80) Fluoranthene | 19.486 | 202 | 102438 | 4.819 | ng/ul# | 98 |
| 82) Pyrene | 19.844 | 202 | 112297 | 5.149 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.720 | 149 | 32136 | 4.891 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.677 | 228 | 114788 | 5.126 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.566 | 149 | 47411 | 5.134 | ng/ul# | 95 |
| 87) Chrysene | 21.742 | 228 | 106166 | 5.101 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.898 | 252 | 101900 | 4.975 | ng/ul# | 98 |
| 91) Benzo(k)fluoranthene | 23.962 | 252 | 108844 | 5.360 | ng/ul# | 85 |
| 93) Benzo(a)pyrene | 24.773 | 252 | 97060 | 5.113 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 28.615 | 276 | 112071 | 4.975 | ng/ul# | 91 |
| 95) Dibenzo(a,h)anthracene | 28.674 | 278 | 91919 | 4.947 | ng/ul# | 92 |
| 96) Benzo(g,h,i)perylene | 29.772 | 276 | 92890m | 5.273 | ng/ul | |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062133.D
Acq On : 19 Jul 2024 9:16
Operator : MA/JU
Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 12:44:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 12:42:00 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD005404

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024