Quantitation Report (Qedit)

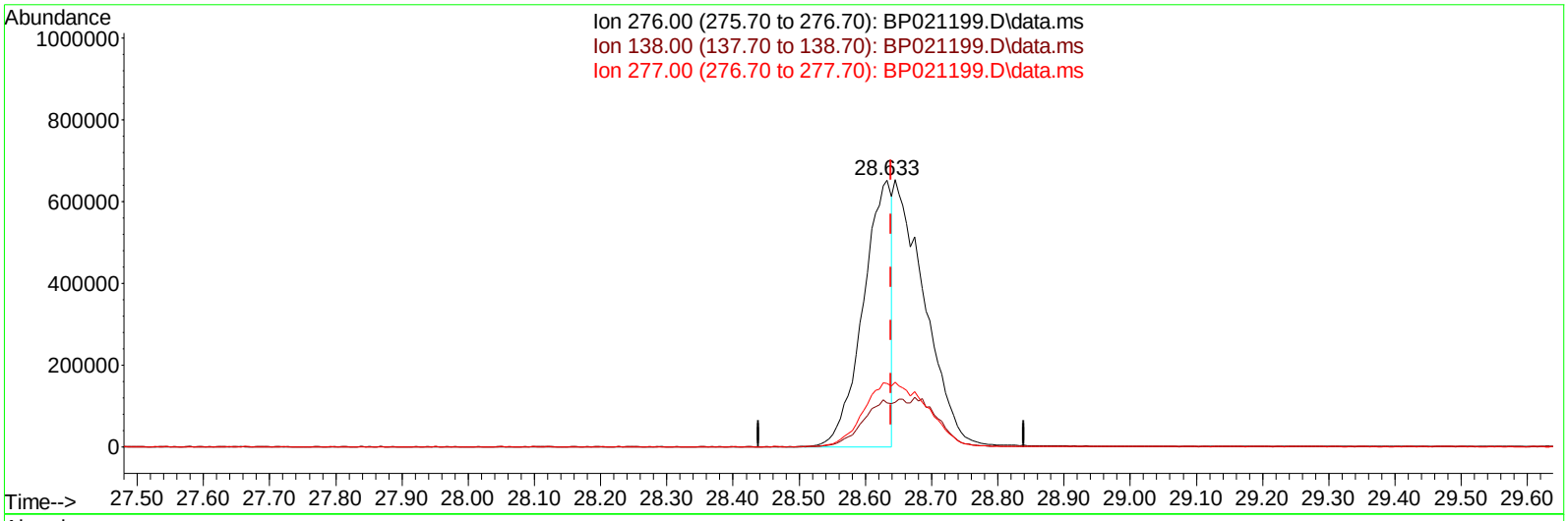
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
Data File : BP021199.D
Acq On : 27 Jul 2024 13:00
Operator : MA/JU
Sample : P3280-09MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

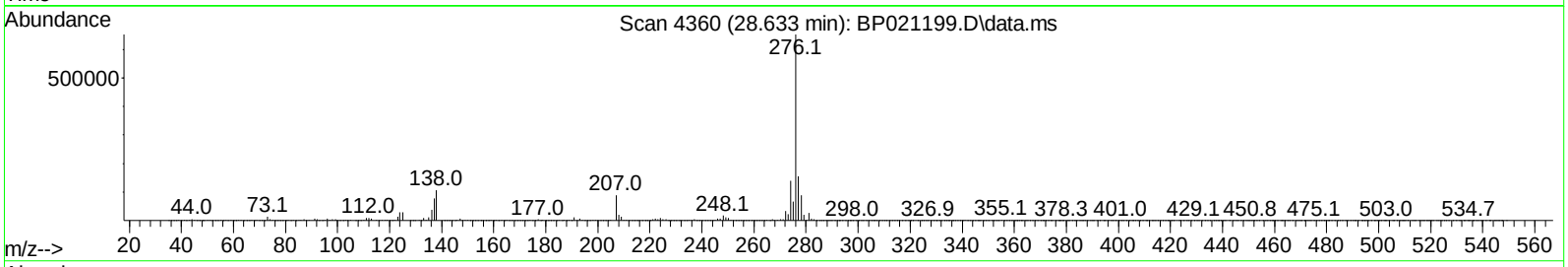
Quant Time: Jul 29 00:42:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

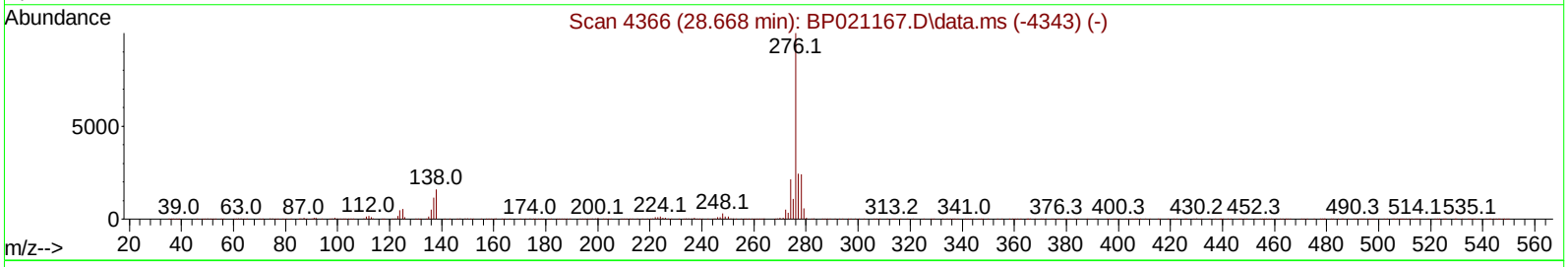
**Instrument :**
BNA_P
**ClientSampleId :**
YDZH7MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 07/29/2024




TIC: BP021199.D\data.ms

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

**28.633min (-0.006) 16.02 ng/ul**

**response 1935730**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.90 | 16.42 |
| 277.00 | 24.00 | 23.83 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
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BNA_P
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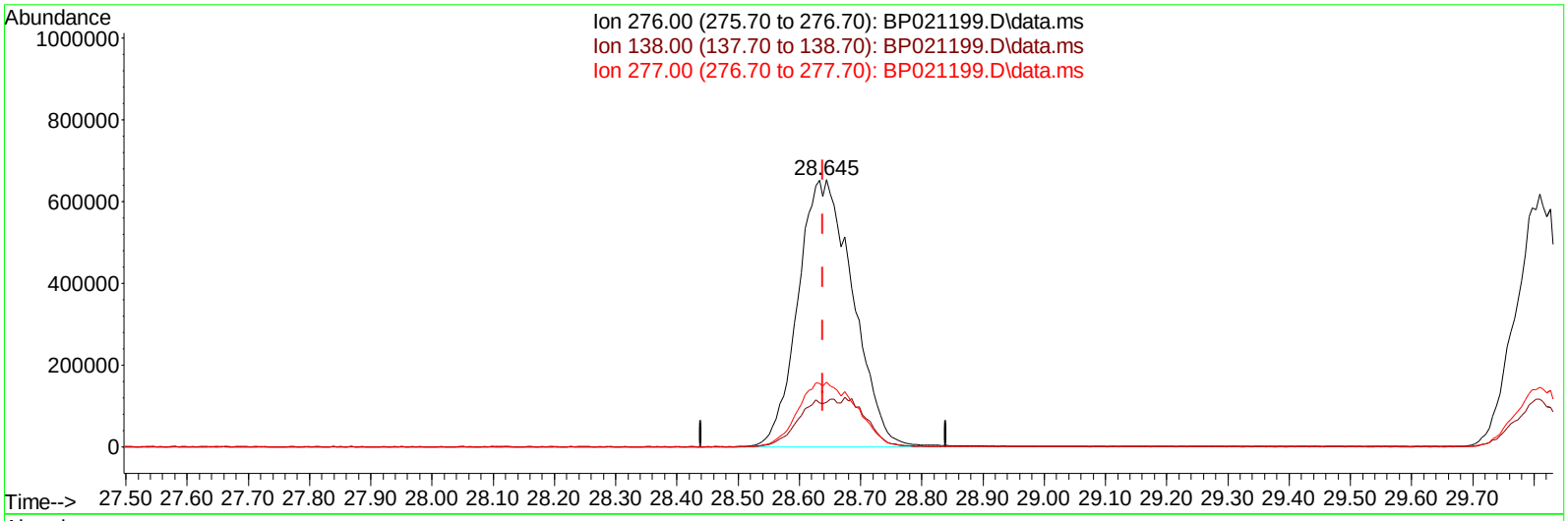
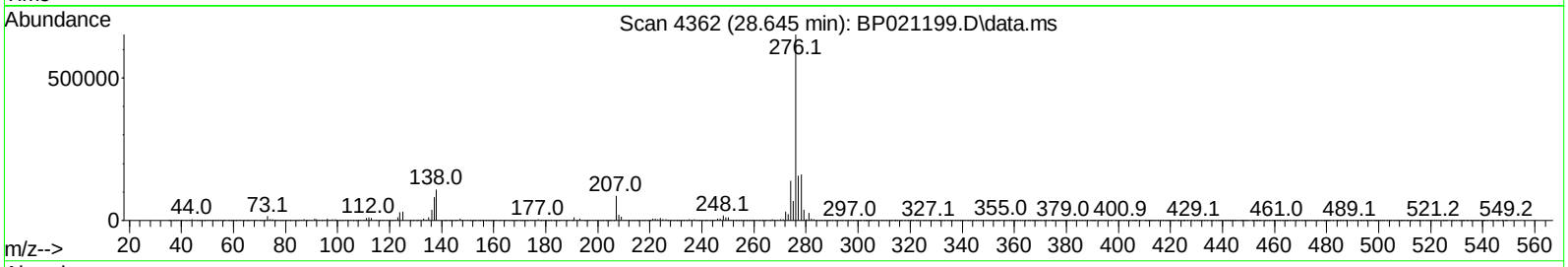
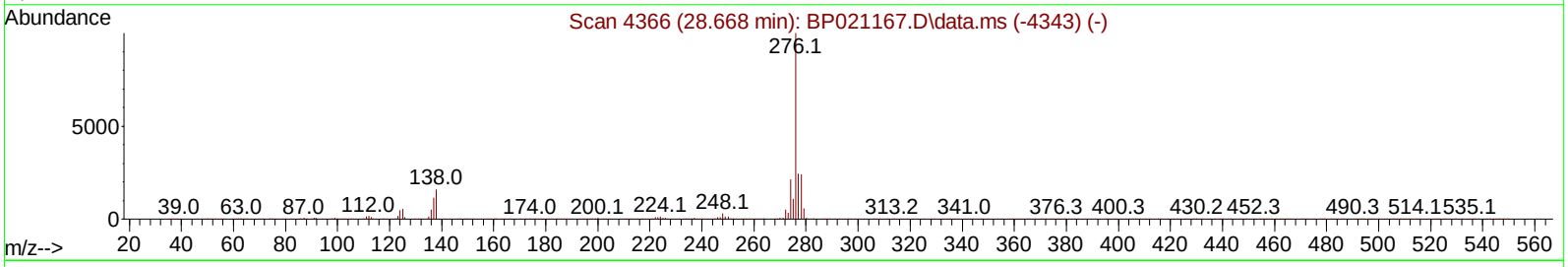
YDZH7MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 07/29/2024




TIC: BP021199.D\data.ms

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

**28.645min (+ 0.006) 33.63 ng/ul m**

**response 4063214**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.90 | 16.64 |
| 277.00 | 24.00 | 24.15 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
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**Instrument :**
BNA_P
**ClientSampleId :**
YDZH7MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/29/2024
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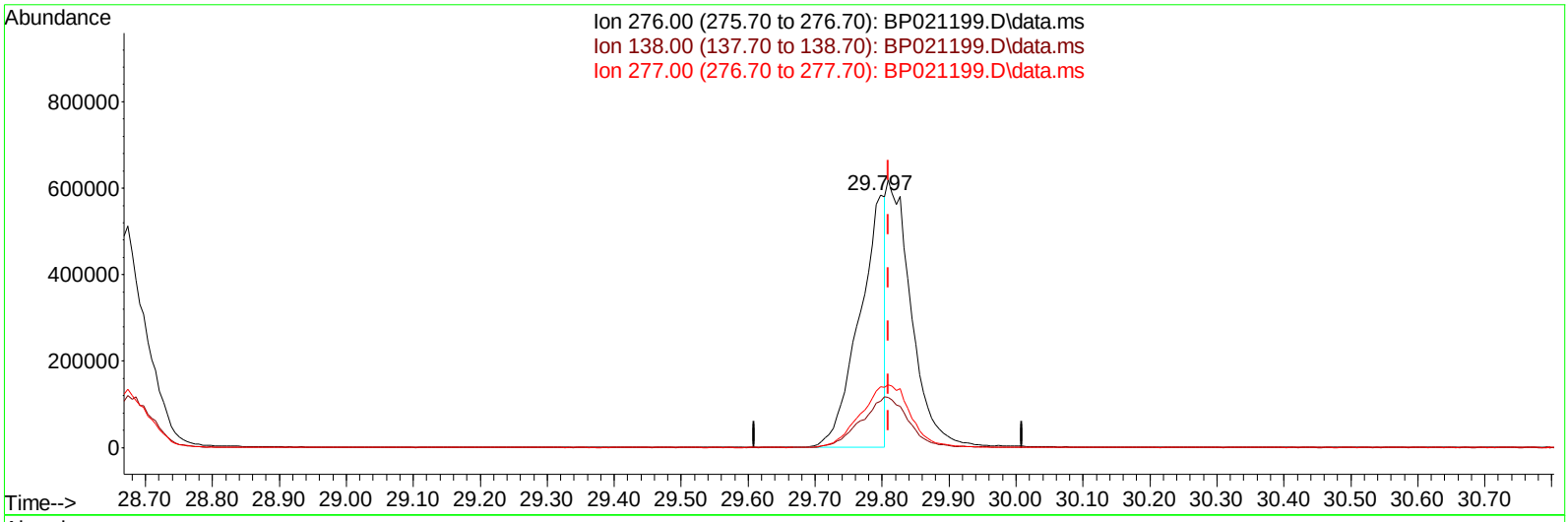


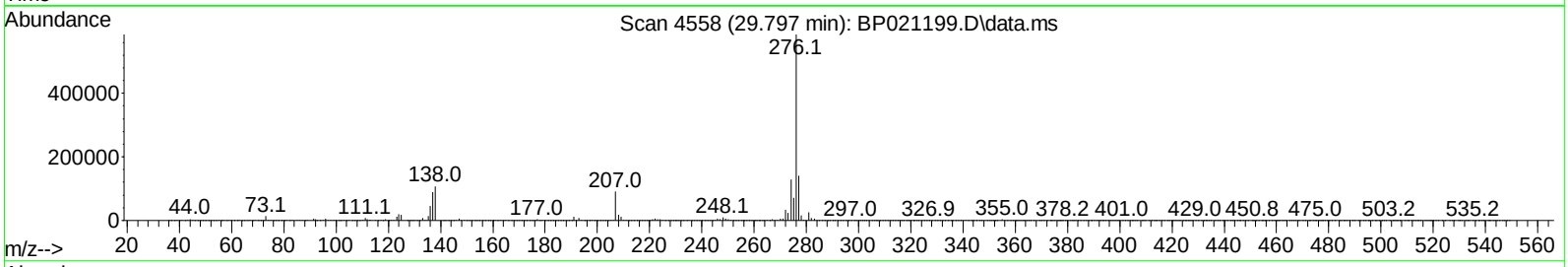


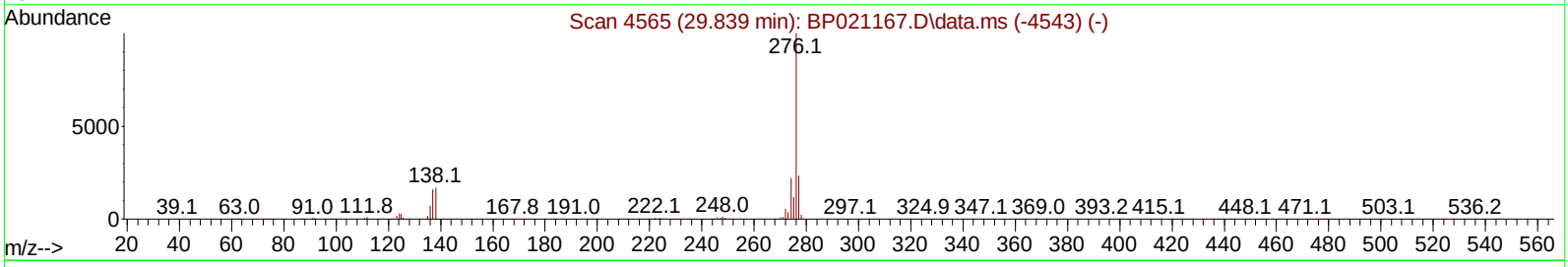


TIC: BP021199.D\data.ms

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

**29.797min (-0.012) 15.82 ng/ul**

**response 1557054**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.10 | 18.47 |
| 277.00 | 22.70 | 23.97 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_P
**ClientSampleId :**
YDZH7MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/29/2024
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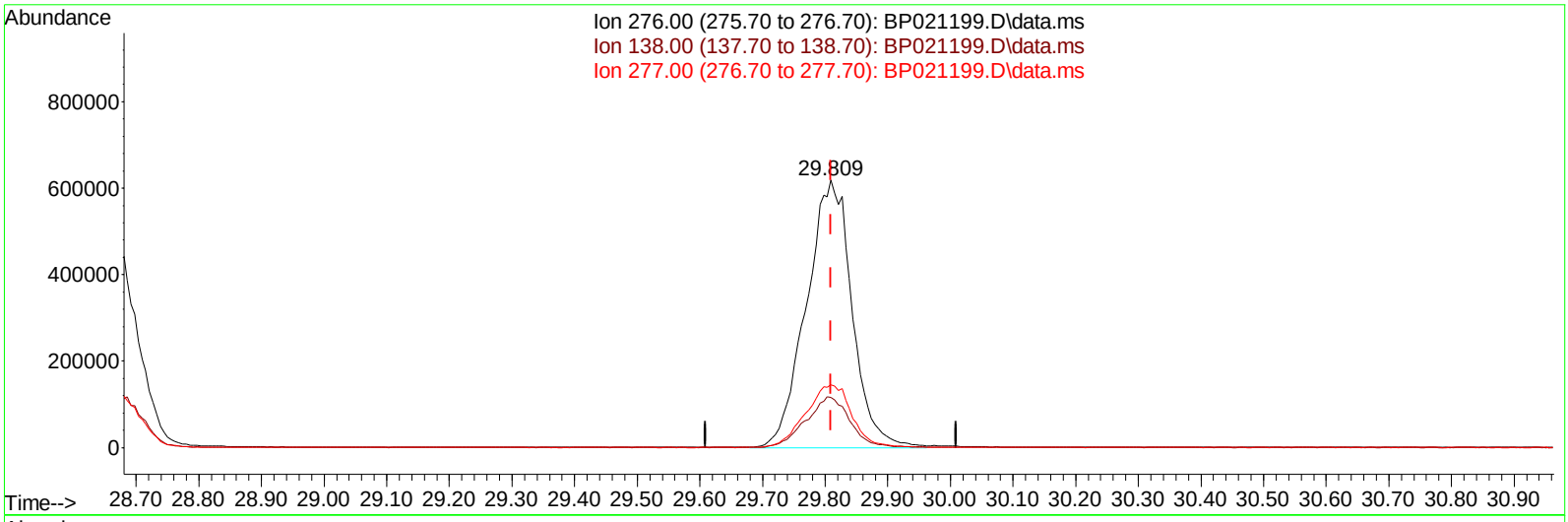


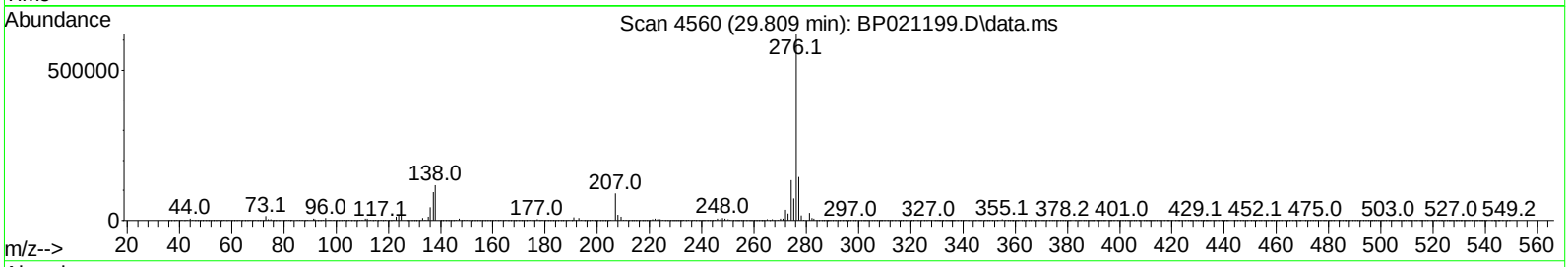


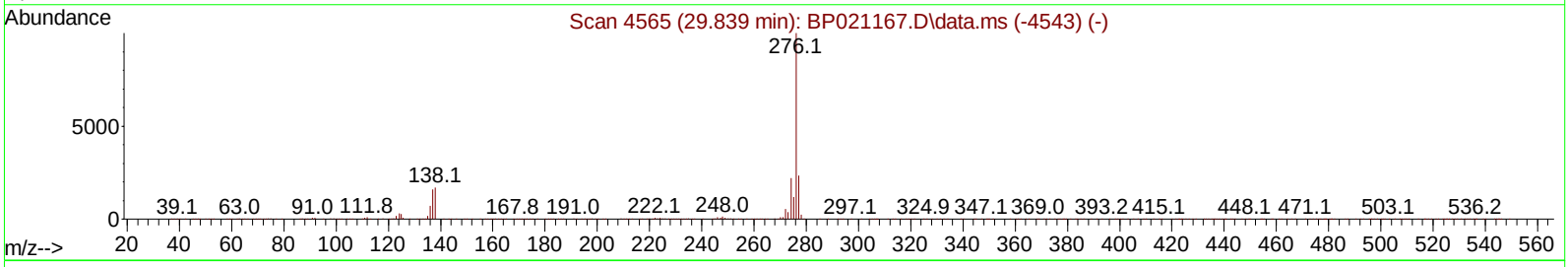


TIC: BP021199.D\data.ms

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

**29.809min (-0.000) 31.83 ng/ul m**

**response 3132460**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.10 | 18.87 |
| 277.00 | 22.70 | 23.43 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
Data File : BP021199.D
Acq On : 27 Jul 2024 13:00
Operator : MA/JU
Sample : P3280-09MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jul 29 01:20:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
YDZH7MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 07/29/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.640 | 152 | 255648 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.404 | 136 | 1042011 | 20.000 | ng/ul | -0.02 |
| 38) Acenaphthene-d10 | 14.281 | 164 | 674420 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.104 | 188 | 1434490 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.545 | 240 | 1403373 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 24.851 | 264 | 1635177 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.181 | 96 | 12471 | 2.220 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.599 | 84 | 141984 | 8.730 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.863 | 99 | 164303 | 7.883 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.987 | 67 | 350425 | 27.743 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.193 | 132 | 429975 | 25.039 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.369 | 113 | 295965 | 17.097 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 8.793 | 128 | 239212 | 29.556 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.510 | 143 | 274469 | 29.629 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.057 | 165 | 487120 | 29.081 | ng/ul | -0.02 |
| 31) 4-Chloroaniline-d4 | 10.563 | 131 | 489386 | 22.054 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.698 | 166 | 1618084 | 33.004 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.975 | 160 | 1747192 | 31.738 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.610 | 143 | 134310 | 19.255 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.298 | 176 | 1338932 | 33.289 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.463 | 200 | 312672 | 36.025 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.204 | 188 | 2155035 | 33.824 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.586 | 212 | 2656826 | 30.622 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.633 | 264 | 2894609 | 35.892 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.217 | 88 | 30007 | 4.857 | ng/uL | 97 |
| 5) Pyridine | 3.622 | 79 | 161008 | 9.598 | ng/ul | 97 |
| 6) Benzaldehyde | 6.816 | 77 | 318374 | 30.299 | ng/ul | 99 |
| 8) Phenol | 6.887 | 94 | 178323 | 8.455 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.081 | 93 | 466501 | 26.776 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.228 | 128 | 427181 | 24.820 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.099 | 108 | 326823 | 20.037 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.146 | 45 | 660424 | 26.238 | ng/ul | 97 |
| 16) Acetophenone | 8.463 | 105 | 738835 | 27.654 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.440 | 70 | 371967 | 26.571 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.434 | 108 | 316972 | 18.140 | ng/ul | 98 |
| 19) Hexachloroethane | 8.693 | 117 | 185213 | 23.947 | ng/ul | 98 |
| 22) Nitrobenzene | 8.834 | 77 | 552945 | 28.520 | ng/ul | 100 |
| 23) Isophorone | 9.363 | 82 | 1084015 | 28.125 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.540 | 139 | 284718 | 29.470 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.610 | 107 | 441918 | 23.196 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.828 | 93 | 635041 | 27.106 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.087 | 162 | 473765 | 28.699 | ng/ul | 99 |
| 30) Naphthalene | 10.457 | 128 | 1513551 | 27.614 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.587 | 127 | 418309 | 19.741 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.710 | 225 | 321649 | 25.986 | ng/ul | 99 |
| 34) Caprolactam | 11.422 | 113 | 30714 | 6.040 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 11.734 | 107 | 539905 | 30.088 | ng/ul | 98 |

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QLast Update : Thu Jul 25 00:15:24 2024
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**Instrument :**
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**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 07/29/2024

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.069 | 142 | 1054306 | 28.022 ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.298 | 142 | 1091619 | 28.210 ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.440 | 216 | 641911 | 29.308 ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.404 | 237 | 149889 | 13.082 ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.716 | 196 | 426320 | 30.804 ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.792 | 196 | 474741 | 32.421 ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.098 | 154 | 1452781 | 29.476 ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.140 | 162 | 1150500 | 29.240 ng/ul | 99 |
| 45) 2-Nitroaniline | 13.387 | 65 | 393491 | 36.163 ng/ul | 98 |
| 47) Dimethylphthalate | 13.745 | 163 | 1592715 | 32.017 ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.875 | 165 | 344034 | 34.592 ng/ul | 100 |
| 50) Acenaphthylene | 14.010 | 152 | 1858869 | 29.823 ng/ul | 99 |
| 51) 3-Nitroaniline | 14.222 | 138 | 331424 | 38.294 ng/ul | 96 |
| 52) Acenaphthene | 14.351 | 153 | 1244377 | 30.080 ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.457 | 184 | 198264 | 37.960 ng/ul | 100 |
| 55) 4-Nitrophenol | 14.604 | 109 | 77490 | 13.657 ng/ul# | 63 |
| 56) Dibenzofuran | 14.698 | 168 | 1801609 | 31.802 ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.698 | 165 | 496099 | 36.337 ng/ul | 90 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.939 | 232 | 398574 | 31.787 ng/ul | 96 |
| 59) Diethylphthalate | 15.134 | 149 | 1630678 | 32.800 ng/ul | 99 |
| 61) Fluorene | 15.357 | 166 | 1491596 | 32.265 ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.351 | 204 | 770514 | 30.716 ng/ul | 97 |
| 63) 4-Nitroaniline | 15.416 | 138 | 337793 | 47.131 ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.481 | 198 | 331096 | 35.972 ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.581 | 169 | 1299334 | 31.105 ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.269 | 248 | 531430 | 31.607 ng/ul | 97 |
| 69) Hexachlorobenzene | 16.386 | 284 | 618582 | 32.086 ng/ul | 97 |
| 70) Atrazine | 16.563 | 200 | 340588 | 22.372 ng/ul | 99 |
| 71) Pentachlorophenol | 16.757 | 266 | 299880 | 28.640 ng/ul | 97 |
| 72) Phenanthrene | 17.145 | 178 | 2454182 | 32.979 ng/ul | 99 |
| 74) Anthracene | 17.239 | 178 | 2431535 | 32.051 ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.063 | 216 | 632410 | 27.544 ng/uL | 98 |
| 76) Pentachlorobenzene | 14.610 | 250 | 685833 | 30.061 ng/uL | 99 |
| 77) Carbazole | 17.545 | 167 | 2256415 | 36.384 ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.098 | 149 | 2903426 | 33.934 ng/ul | 100 |
| 80) Fluoranthene | 19.233 | 202 | 3030126 | 28.919 ng/ul | 99 |
| 82) Pyrene | 19.616 | 202 | 3185588 | 29.877 ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.563 | 149 | 1351188 | 30.416 ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.457 | 252 | 864737 | 26.966 ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.533 | 228 | 3208791 | 32.641 ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.439 | 149 | 1898920 | 29.703 ng/ul | 99 |
| 87) Chrysene | 21.598 | 228 | 2983869 | 32.665 ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.692 | 149 | 3378025 | 31.272 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.810 | 252 | 3345592 | 33.715 ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.880 | 252 | 3256241 | 32.882 ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.709 | 252 | 2783974 | 29.689 ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.645 | 276 | 4063214m | 33.627 ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.698 | 278 | 3314471 | 33.125 ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.809 | 276 | 3132460m | 31.831 ng/ul | |

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

**Instrument :**
BNA_P
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YDZH7MS

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