Quantitation Report (Qedit)

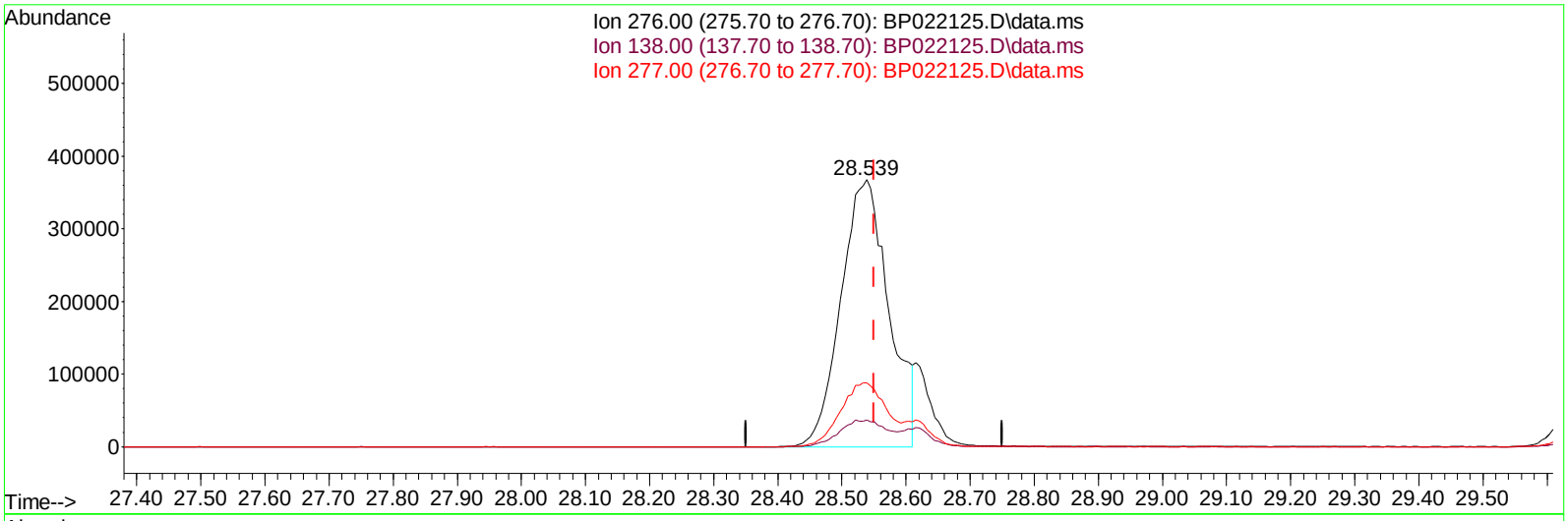
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022125.D
Acq On : 30 Sep 2024 23:29
Operator : RC/JU
Sample : PB163717BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

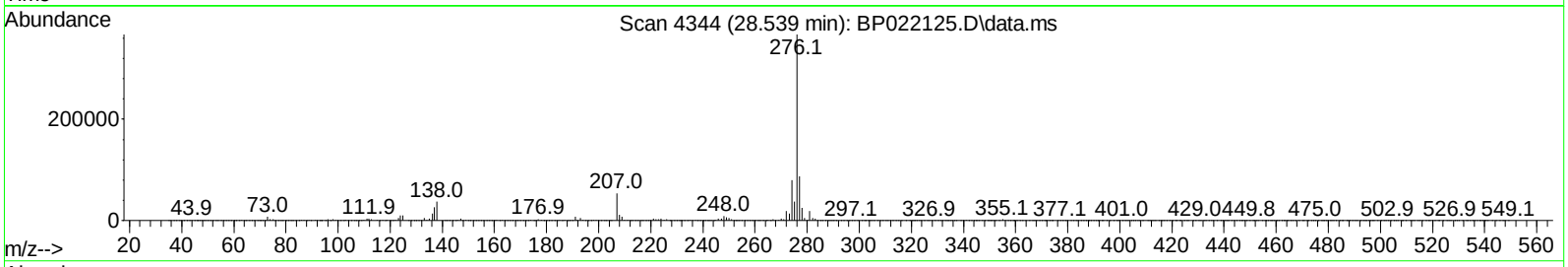
Quant Time: Oct 01 01:52:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

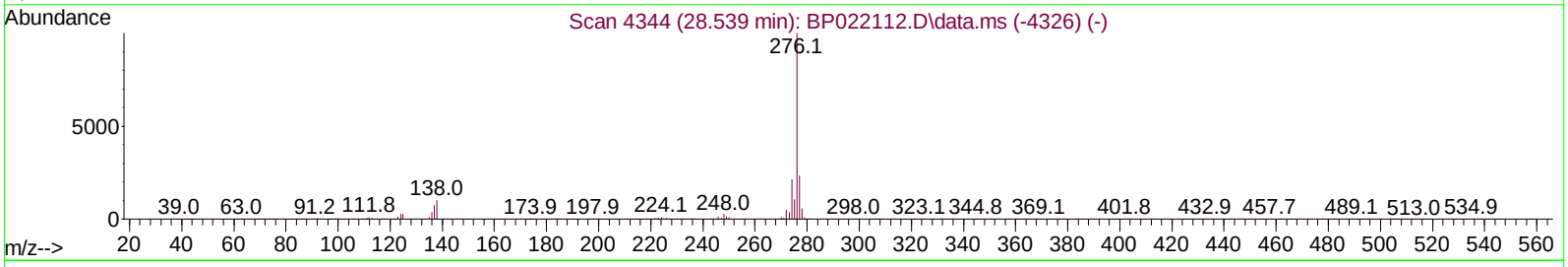
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS717

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024




TIC: BP022125.D\data.ms

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

**28.539min (-0.012) 24.10 ng/ul**

**response 1905680**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.50 | 10.12 |
| 277.00 | 24.20 | 23.90 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
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Operator : RC/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
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**Instrument :**
BNA_P
**ClientSampleId :**
SLCS717

**Manual IntegrationsAPPROVED**

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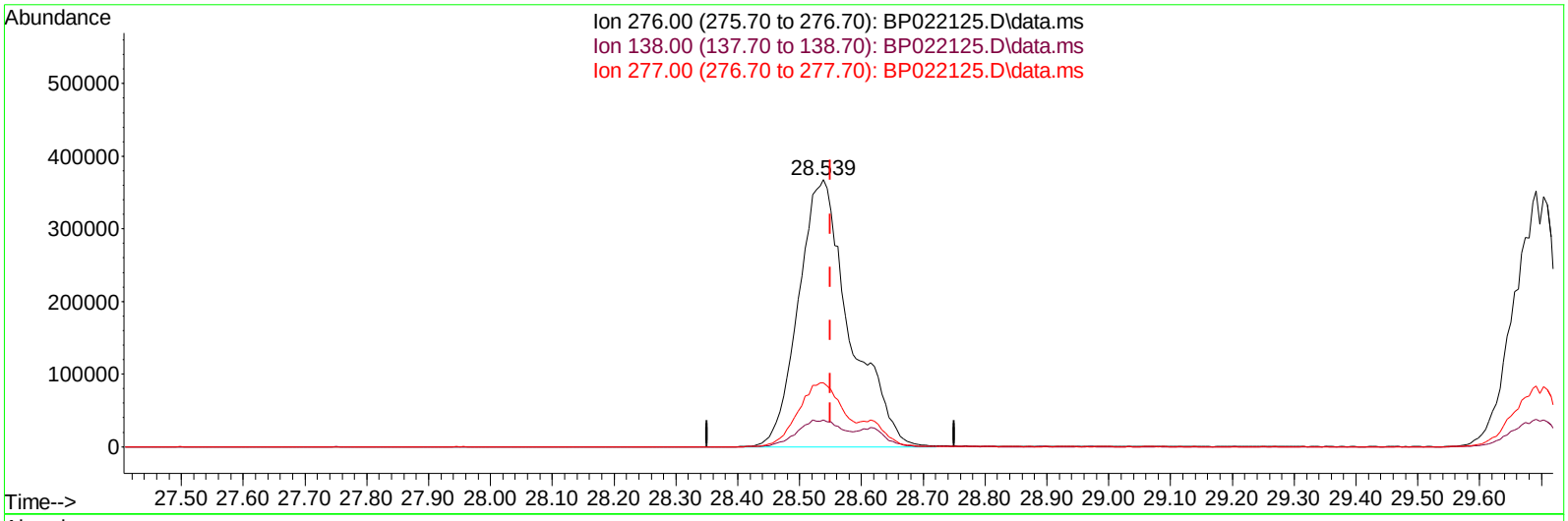


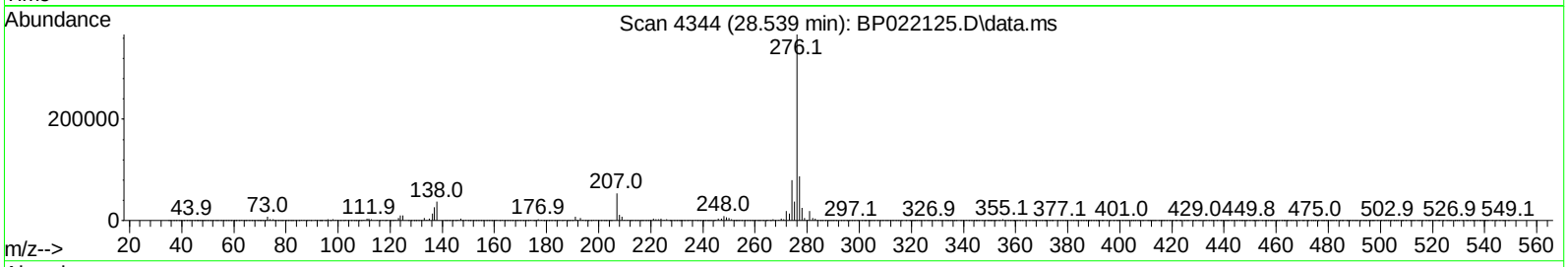


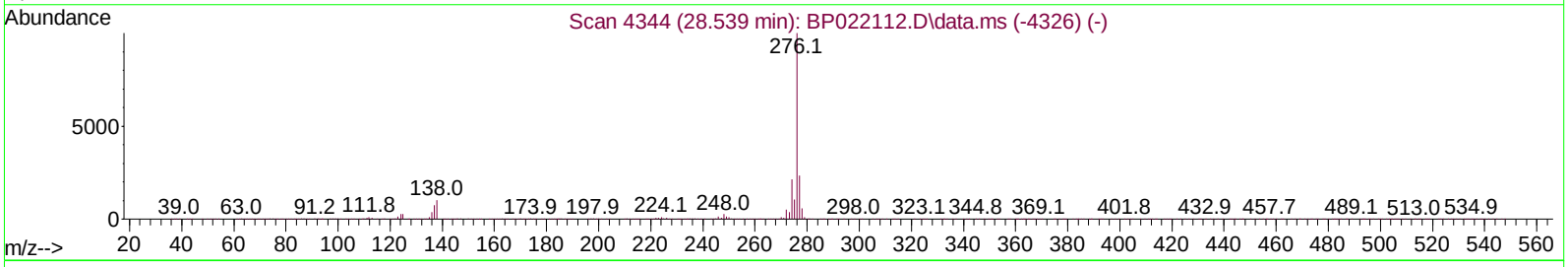


TIC: BP022125.D\data.ms

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

**28.539min (-0.012) 26.81 ng/ul m**

**response 2119706**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.50 | 10.12 |
| 277.00 | 24.20 | 23.90 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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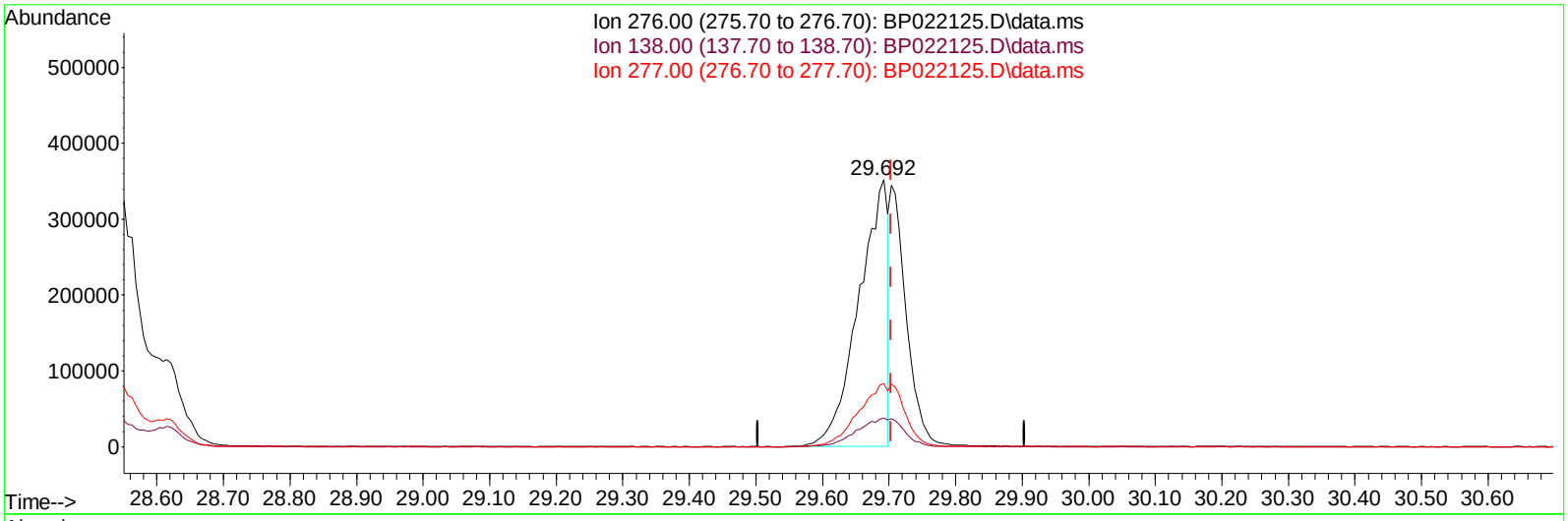


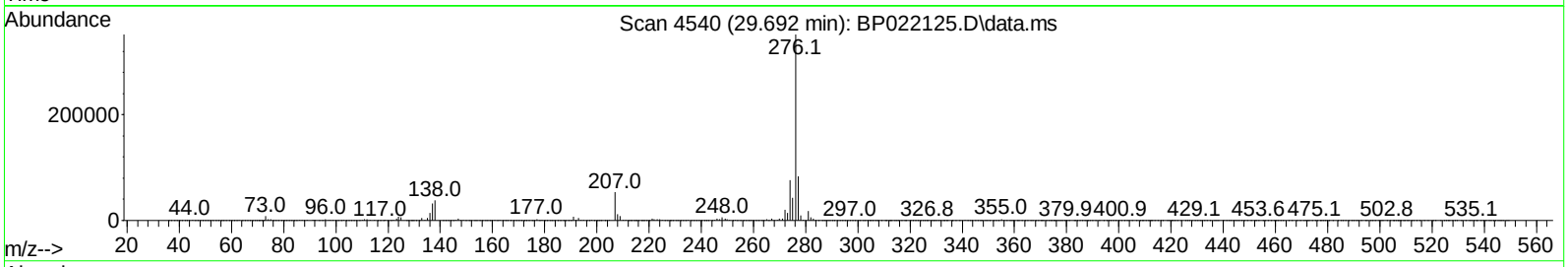


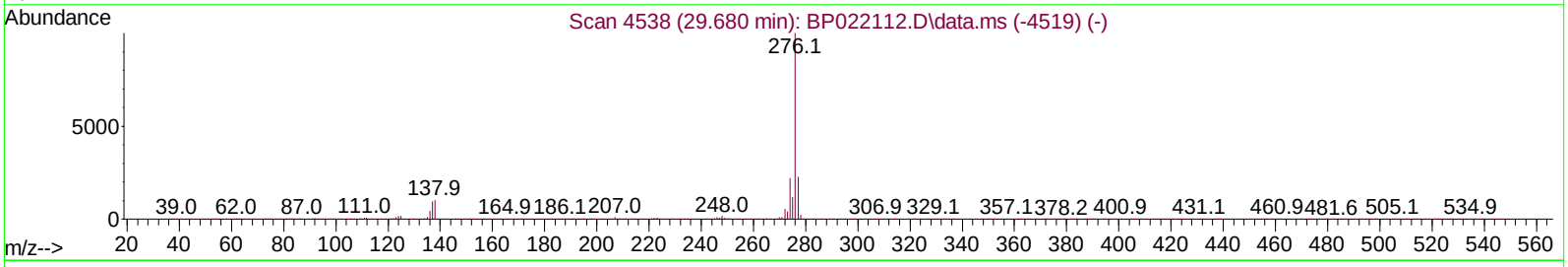


TIC: BP022125.D\data.ms

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

**29.692min (-0.012) 17.26 ng/ul**

**response 1059175**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.30 | 10.74 |
| 277.00 | 23.90 | 23.75 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 30 Sep 2024 23:29
Operator : RC/JU
Sample : PB163717BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 01 01:52:31 2024
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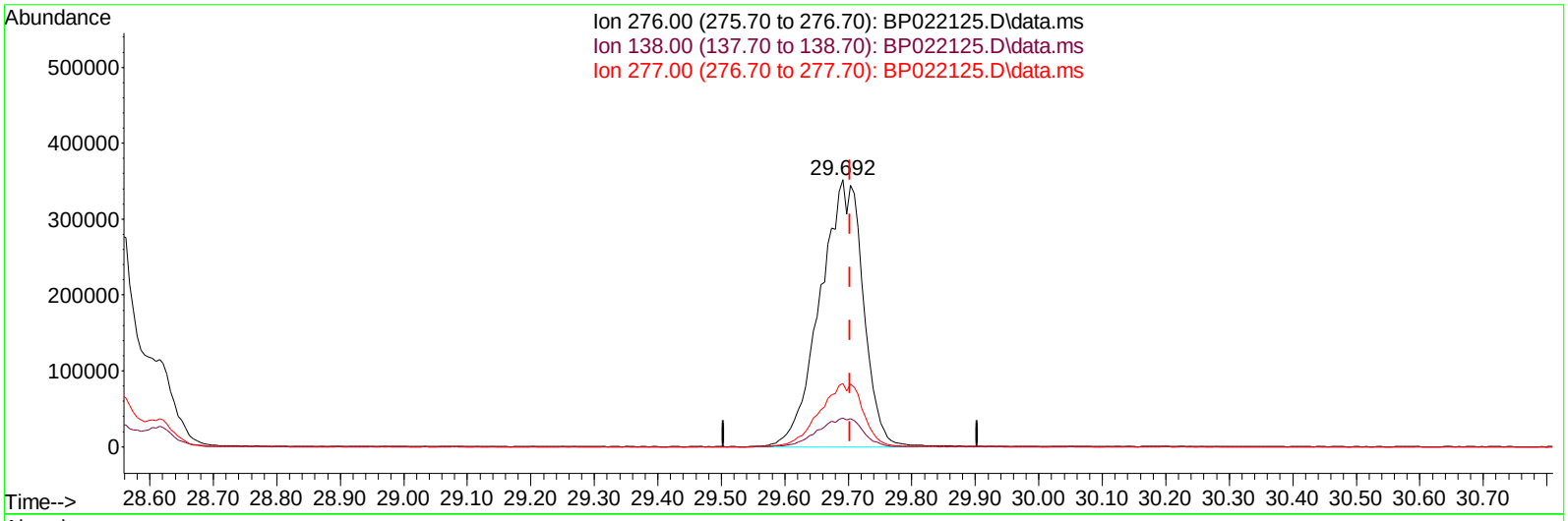
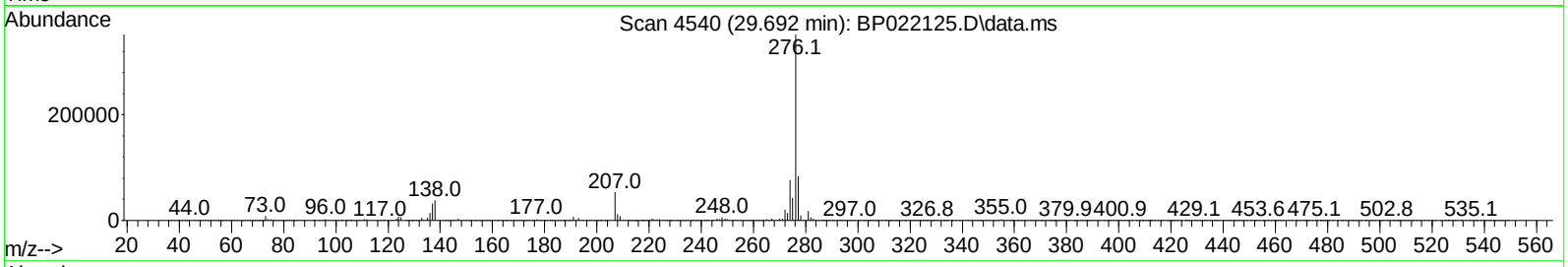
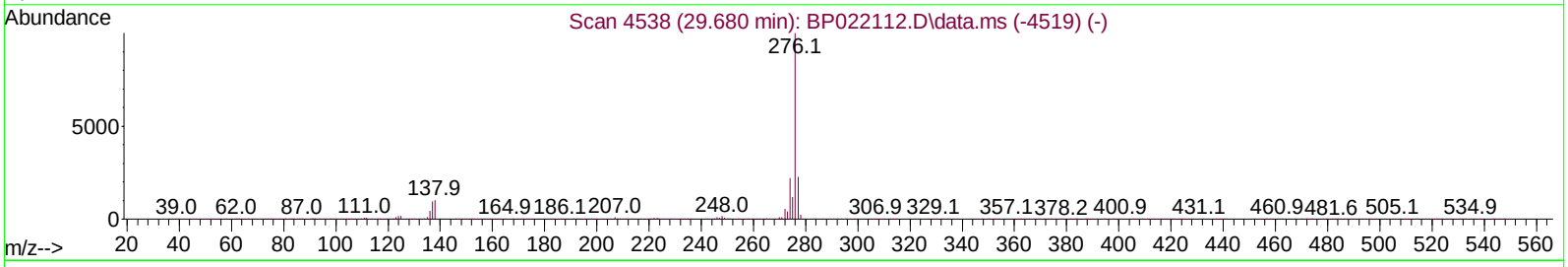
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS717

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024




TIC: BP022125.D\data.ms

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

**29.692min (-0.012) 26.96 ng/ul m**

**response 1654320**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.30 | 10.74 |
| 277.00 | 23.90 | 23.75 |
| 0.00 | 0.00 | 0.00 |

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS717

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.699 | 152 | 110892 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.457 | 136 | 415155 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.316 | 164 | 311871 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.110 | 188 | 747147 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.533 | 240 | 874214 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.821 | 264 | 1060235 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.223 | 96 | 14555 | 5.141 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.628 | 84 | 202985 | 25.083 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.881 | 99 | 230299 | 25.388 | ng/ul | -0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.040 | 67 | 138041 | 24.714 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.240 | 132 | 178810 | 27.245 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.399 | 113 | 184989 | 25.736 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.840 | 128 | 86283 | 27.768 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.552 | 143 | 101434 | 28.790 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.087 | 165 | 213127 | 27.855 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.593 | 131 | 223297 | 24.460 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.722 | 166 | 645714 | 26.784 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.004 | 160 | 702103 | 27.507 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.522 | 143 | 105902 | 25.681 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.322 | 176 | 556777 | 26.109 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.445 | 200 | 123346 | 26.591 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.204 | 188 | 923234 | 26.469 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.580 | 212 | 1196777 | 26.424 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 24.592 | 264 | 1530576 | 27.447 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.252 | 88 | 30971 | 10.099 | ng/uL | 95 |
| 5) Pyridine | 3.652 | 79 | 194958 | 23.713 | ng/ul | 99 |
| 6) Benzaldehyde | 6.852 | 77 | 134174 | 26.148 | ng/ul | 99 |
| 8) Phenol | 6.911 | 94 | 234553 | 24.777 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.128 | 93 | 180701 | 24.940 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.269 | 128 | 178148 | 26.184 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.134 | 108 | 172851 | 25.176 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.205 | 45 | 163071 | 24.262 | ng/ul | 99 |
| 16) Acetophenone | 8.505 | 105 | 297051 | 24.845 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.493 | 70 | 153973 | 24.841 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.458 | 108 | 185686 | 24.801 | ng/ul | 98 |
| 19) Hexachloroethane | 8.763 | 117 | 83617 | 26.034 | ng/ul | 96 |
| 22) Nitrobenzene | 8.881 | 77 | 242560 | 25.532 | ng/ul | 97 |
| 23) Isophorone | 9.405 | 82 | 430000 | 26.131 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.581 | 139 | 105857 | 28.081 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.646 | 107 | 203293 | 23.806 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.869 | 93 | 241995 | 25.512 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.110 | 162 | 207020 | 27.234 | ng/ul | 98 |
| 30) Naphthalene | 10.504 | 128 | 573454 | 26.252 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.616 | 127 | 182519 | 20.187 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.793 | 225 | 176204 | 26.108 | ng/ul | 100 |
| 34) Caprolactam | 11.387 | 113 | 57738 | 25.039 | ng/ul | 91 |
| 35) 4-Chloro-3-methylphenol | 11.740 | 107 | 222252 | 27.026 | ng/ul | 99 |

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
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**Instrument :**
BNA_P
**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.116 | 142 | 420391 | 25.896 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.334 | 142 | 422213 | 25.788 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.487 | 216 | 312951 | 27.065 | ng/ul# | 96 |
| 40) Hexachlorocyclopentadiene | 12.463 | 237 | 176590 | 24.280 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.728 | 196 | 189425 | 27.404 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 12.804 | 196 | 209093 | 27.934 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.134 | 154 | 589777 | 26.445 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.175 | 162 | 475743 | 26.494 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.381 | 65 | 144647 | 27.859 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.763 | 163 | 635588 | 26.249 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.875 | 165 | 128869 | 27.762 | ng/ul | 98 |
| 50) Acenaphthylene | 14.034 | 152 | 710790 | 26.704 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.210 | 138 | 113901 | 26.951 | ng/ul | 97 |
| 52) Acenaphthene | 14.381 | 153 | 504957 | 26.109 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.428 | 184 | 73921 | 23.404 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.534 | 109 | 120269 | 25.779 | ng/ul | 95 |
| 56) Dibenzofuran | 14.722 | 168 | 738307 | 25.677 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.687 | 165 | 196815 | 27.513 | ng/ul | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.951 | 232 | 188701 | 26.189 | ng/ul# | 97 |
| 59) Diethylphthalate | 15.140 | 149 | 622592 | 25.980 | ng/ul | 99 |
| 61) Fluorene | 15.381 | 166 | 616730 | 25.791 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.381 | 204 | 355612 | 25.831 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.398 | 138 | 129934 | 30.208 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.457 | 198 | 136128 | 26.955 | ng/ul# | 98 |
| 67) N-Nitrosodiphenylamine | 15.587 | 169 | 525796 | 26.719 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.281 | 248 | 242999 | 27.083 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.404 | 284 | 299090 | 27.453 | ng/ul | 98 |
| 70) Atrazine | 16.563 | 200 | 172667 | 19.669 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.757 | 266 | 179570 | 24.704 | ng/ul | 97 |
| 72) Phenanthrene | 17.151 | 178 | 1044702 | 26.668 | ng/ul | 100 |
| 74) Anthracene | 17.239 | 178 | 1038386 | 26.048 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.098 | 216 | 300657 | 26.816 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.640 | 250 | 323056 | 26.202 | ng/uL | 98 |
| 77) Carbazole | 17.522 | 167 | 935035 | 26.613 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.116 | 149 | 1043640 | 25.764 | ng/ul | 100 |
| 80) Fluoranthene | 19.239 | 202 | 1358536 | 26.243 | ng/ul | 98 |
| 82) Pyrene | 19.616 | 202 | 1452615 | 26.069 | ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.563 | 149 | 499974 | 25.746 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.439 | 252 | 552197 | 27.587 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.516 | 228 | 1578191 | 26.195 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.457 | 149 | 748827 | 26.282 | ng/ul | 100 |
| 87) Chrysene | 21.580 | 228 | 1450746 | 25.658 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.716 | 149 | 1277571 | 24.392 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.780 | 252 | 1750181 | 26.592 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.845 | 252 | 1718225 | 26.194 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.668 | 252 | 1562112 | 25.758 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 28.539 | 276 | 2119706m | 26.806 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.615 | 278 | 1700428 | 26.694 | ng/ul# | 97 |
| 96) Benzo(g,h,i)perylene | 29.692 | 276 | 1654320m | 26.962 | ng/ul | |

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

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS717

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Supervised By :mohammad ahmed 10/02/2024

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