Quantitation Report (Qedit)

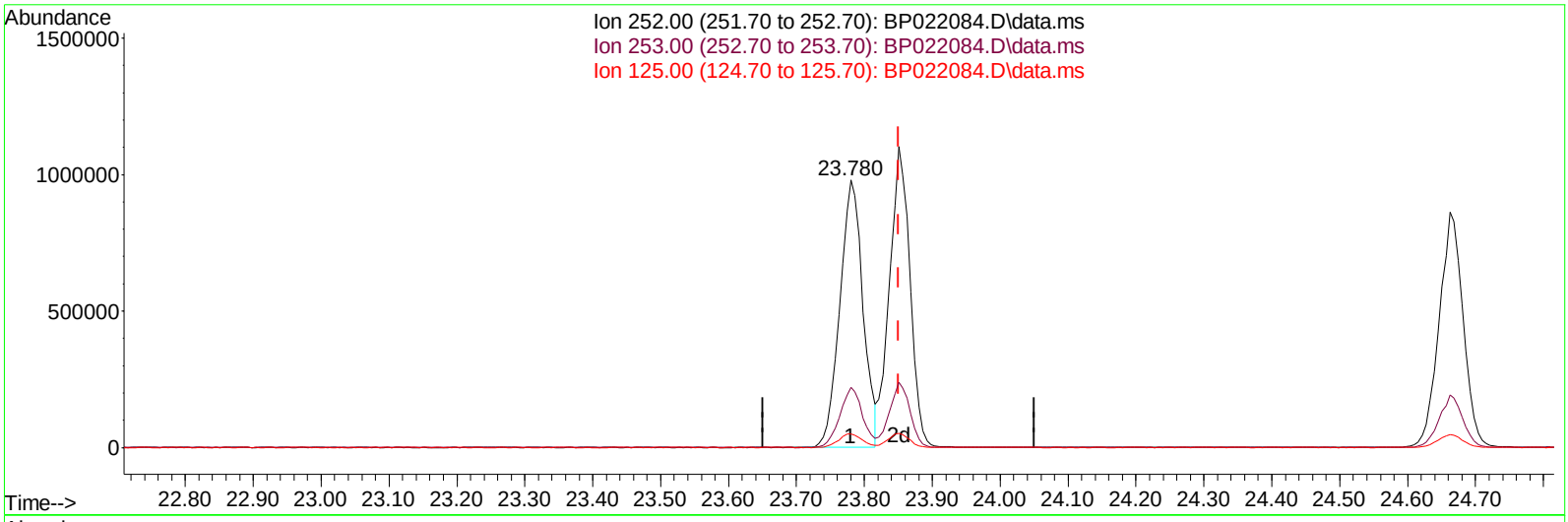
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022084.D
Acq On : 27 Sep 2024 23:41
Operator : RC/JU
Sample : P3910-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

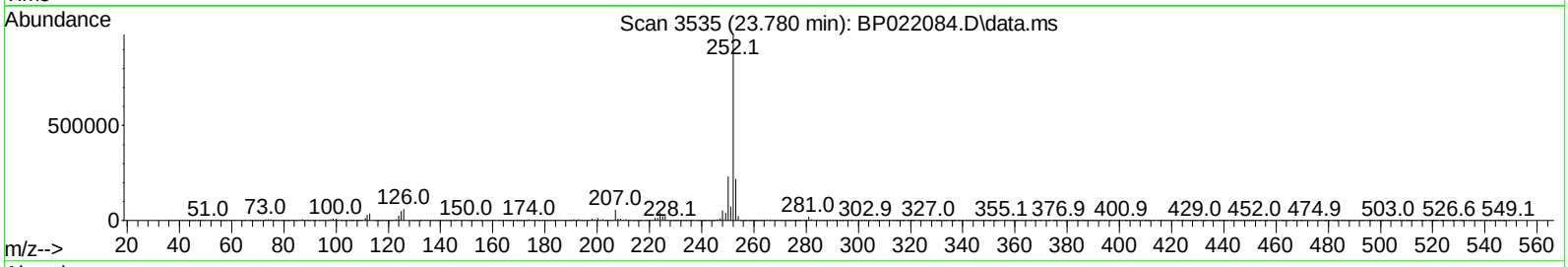
Quant Time: Sep 28 01:27:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

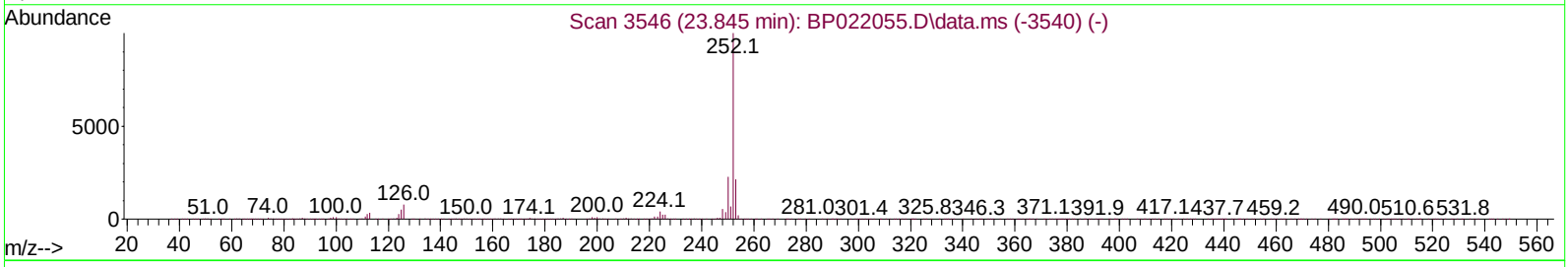
**Instrument :**
BNA_P
**ClientSampleId :**
DDC66MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024




TIC: BP022084.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.780min (-0.070) 41.24 ng/ul**

**response 2318626**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.80 | 22.47 |
| 125.00 | 6.30 | 5.15 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022084.D
Acq On : 27 Sep 2024 23:41
Operator : RC/JU
Sample : P3910-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 28 01:27:38 2024
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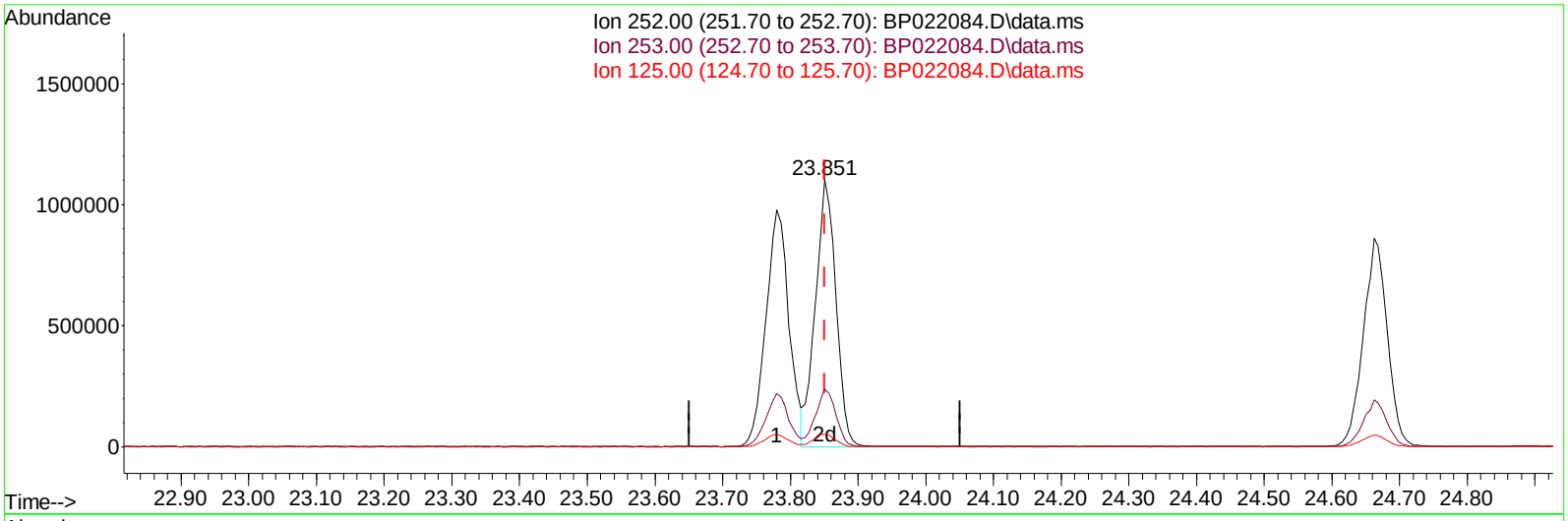
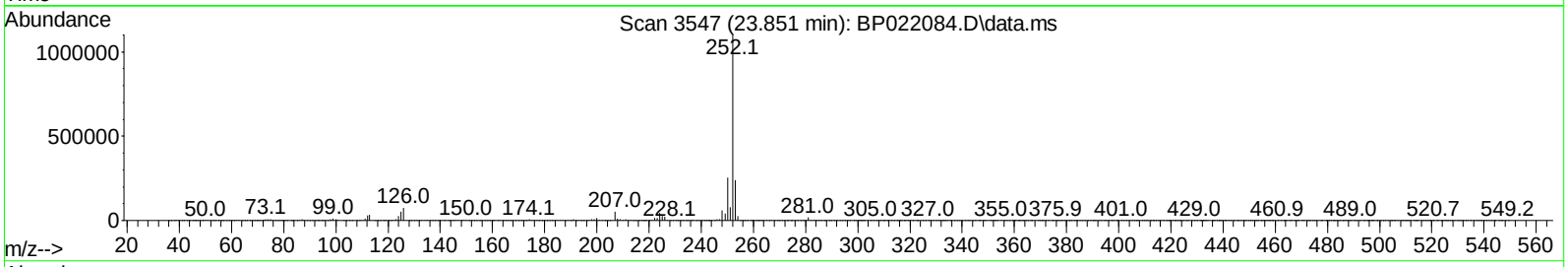
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

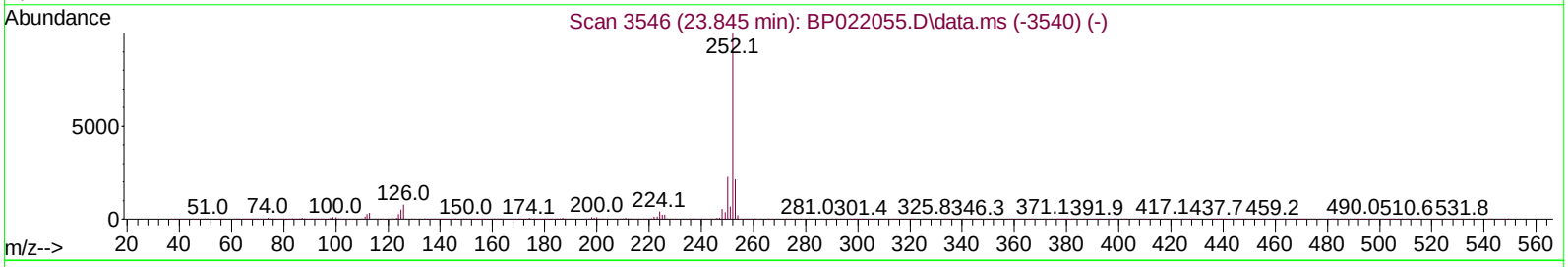
**Instrument :**
BNA_P
**ClientSampleId :**
DDC66MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024




TIC: BP022084.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.851min (+ 0.000) 41.29 ng/ul m**

**response 2321880**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.80 | 21.63 |
| 125.00 | 6.30 | 4.67# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022084.D
Acq On : 27 Sep 2024 23:41
Operator : RC/JU
Sample : P3910-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 28 01:27:38 2024
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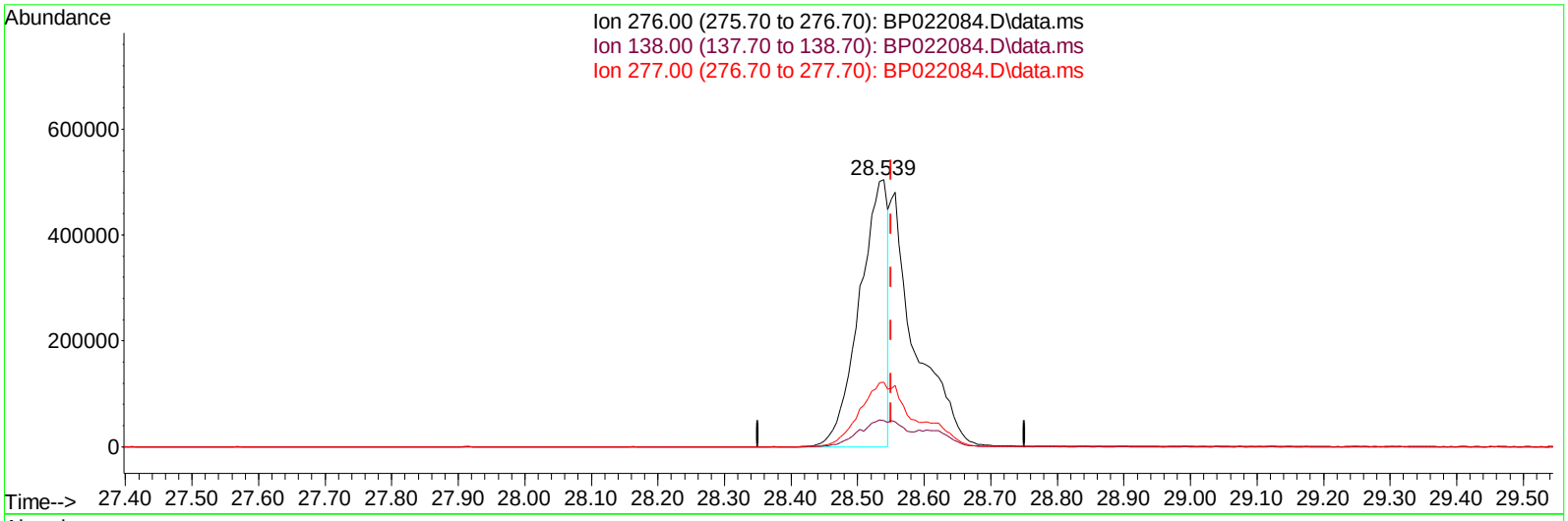
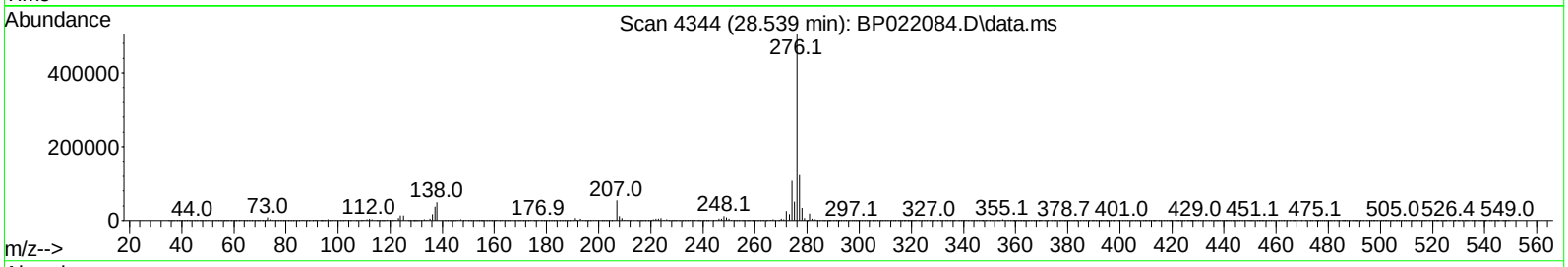
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

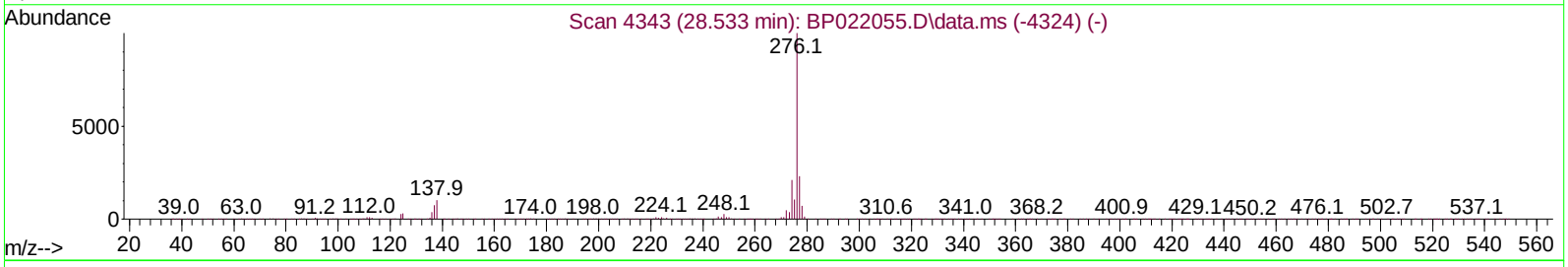
**Instrument :**
BNA_P
**ClientSampleId :**
DDC66MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024




TIC: BP022084.D\data.ms

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

**28.539min (-0.012) 21.79 ng/ul**

**response 1477048**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.50 | 9.91 |
| 277.00 | 24.20 | 24.28 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

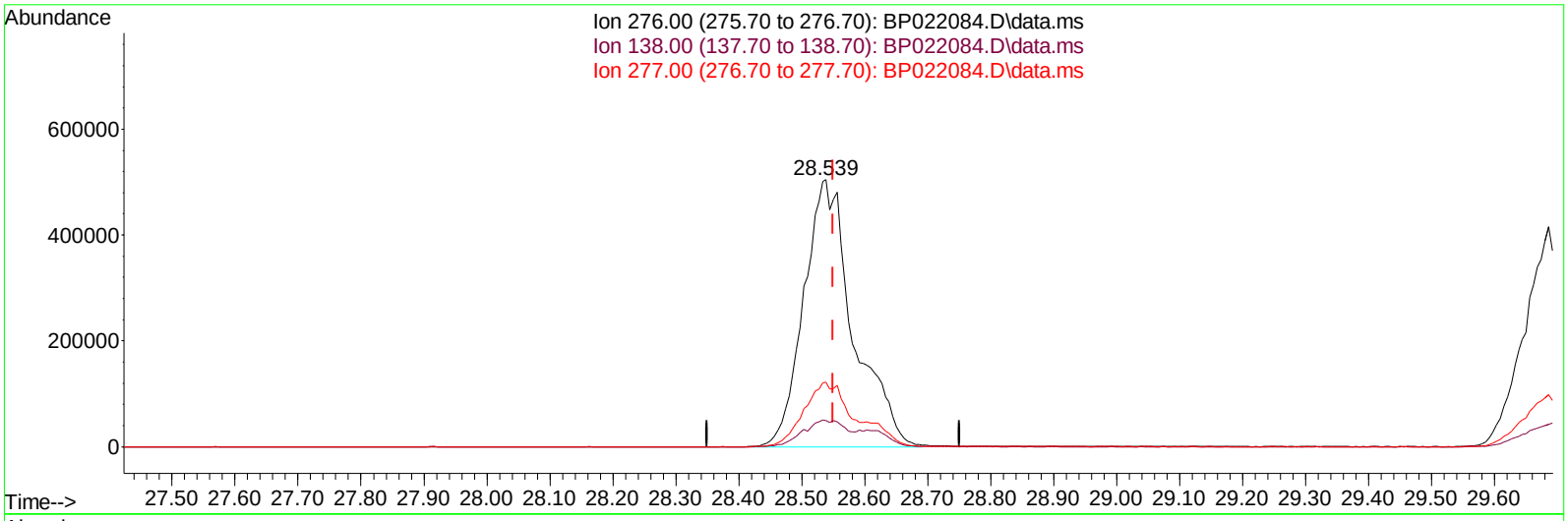
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022084.D
Acq On : 27 Sep 2024 23:41
Operator : RC/JU
Sample : P3910-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

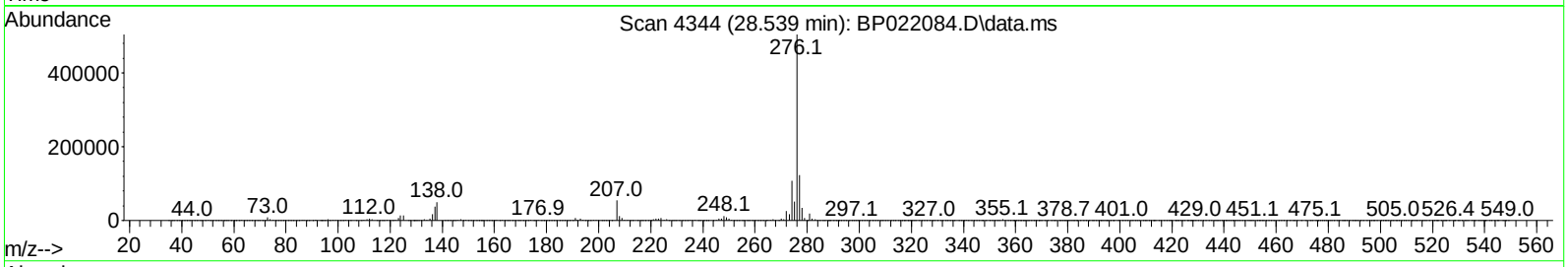
Quant Time: Sep 28 01:27:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

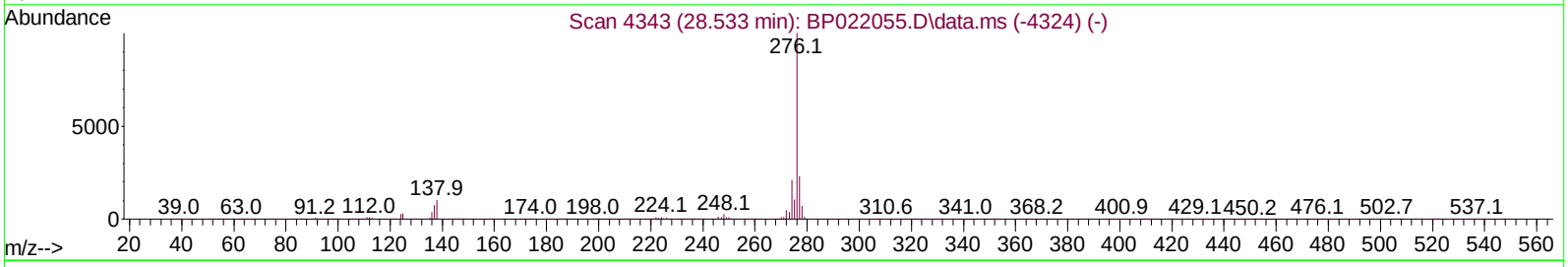
**Instrument :**
BNA_P
**ClientSampleId :**
DDC66MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024




TIC: BP022084.D\data.ms

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

**28.539min (-0.012) 40.58 ng/ul m**

**response 2750311**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.50 | 9.91 |
| 277.00 | 24.20 | 24.28 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

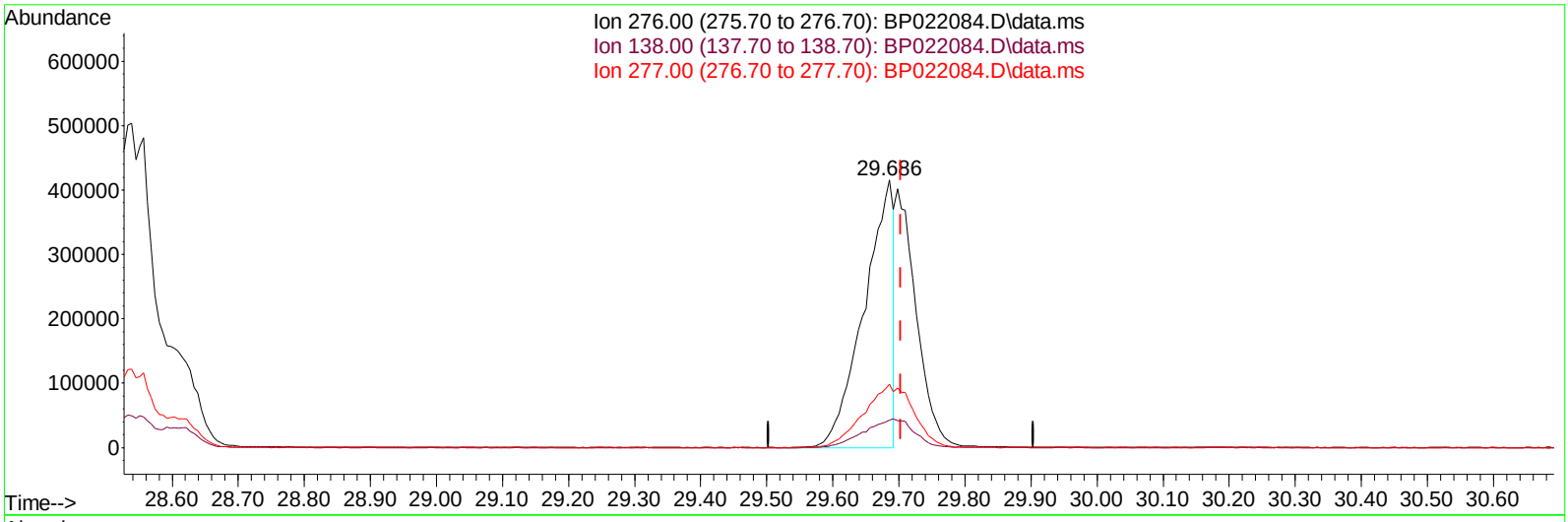
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022084.D
Acq On : 27 Sep 2024 23:41
Operator : RC/JU
Sample : P3910-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

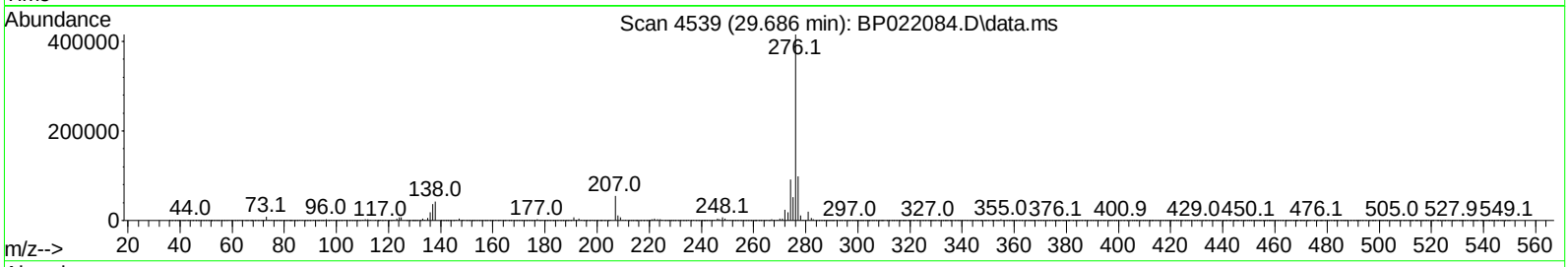
Quant Time: Sep 28 01:27:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

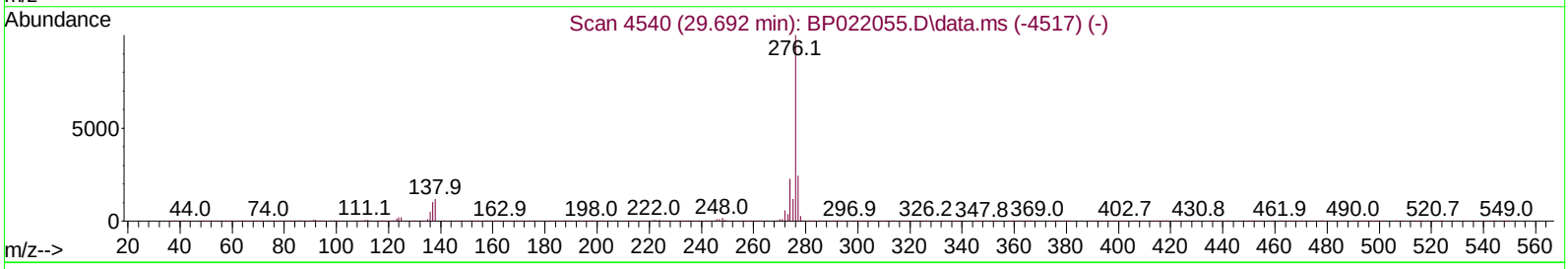
**Instrument :**
BNA_P
**ClientSampleId :**
DDC66MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024




TIC: BP022084.D\data.ms

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

**29.686min (-0.017) 24.57 ng/ul**

**response 1292072**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.30 | 10.18 |
| 277.00 | 23.90 | 23.62 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

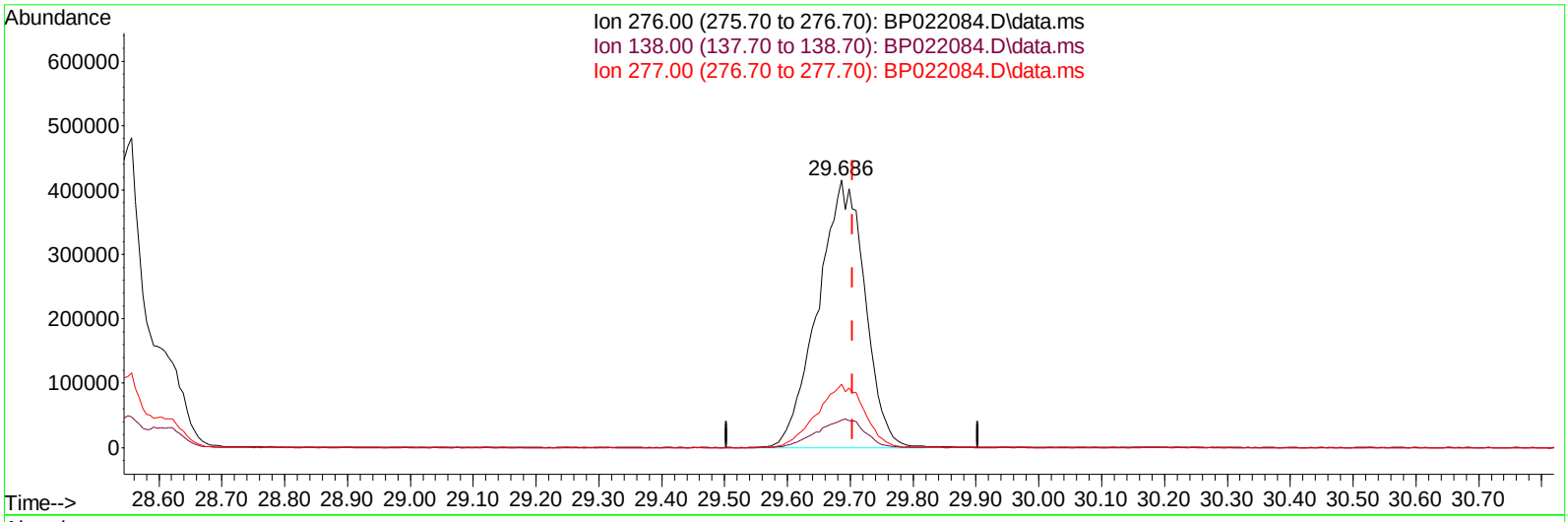
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022084.D
Acq On : 27 Sep 2024 23:41
Operator : RC/JU
Sample : P3910-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

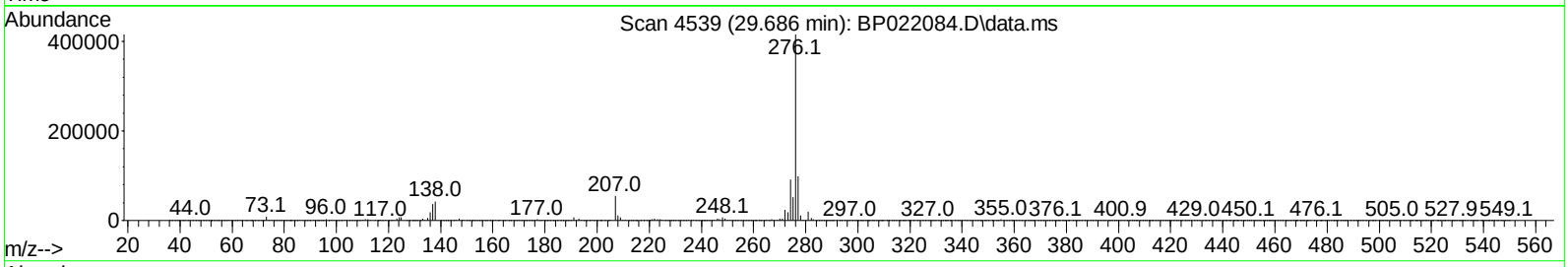
Quant Time: Sep 28 01:27:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

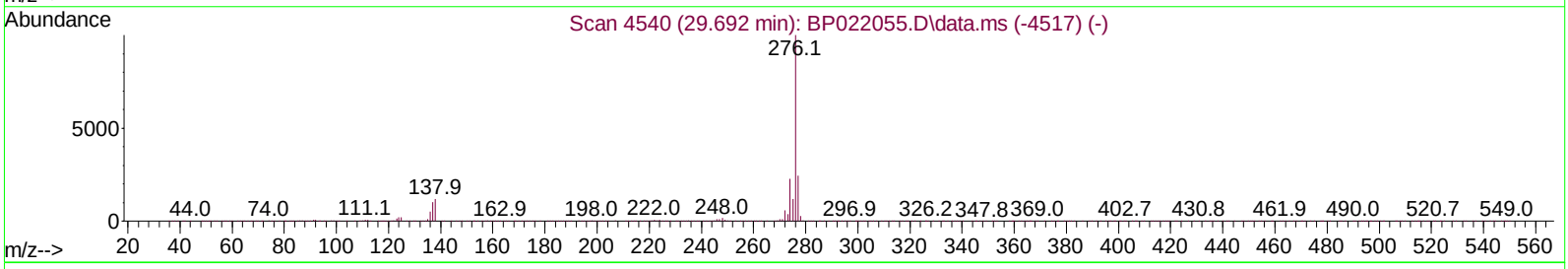
**Instrument :**
BNA_P
**ClientSampleId :**
DDC66MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024




TIC: BP022084.D\data.ms

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

**29.686min (-0.017) 41.02 ng/ul m**

**response 2157428**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 11.30 | 10.18 |
| 277.00 | 23.90 | 23.62 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022084.D
Acq On : 27 Sep 2024 23:41
Operator : RC/JU
Sample : P3910-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 28 01:33:42 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 :**
DDC66MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.699 | 152 | 94558 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.457 | 136 | 322115 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.304 | 164 | 259830 | 20.000 | ng/ul | -0.02 |
| 64) Phenanthrene-d10 | 17.104 | 188 | 664118 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.545 | 240 | 779793 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.816 | 264 | 908821 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.217 | 96 | 9577 | 3.967 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.628 | 84 | 116042 | 16.817 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.887 | 99 | 201966 | 26.111 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.040 | 67 | 112817 | 23.687 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.246 | 132 | 154522 | 27.611 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.399 | 113 | 154701 | 25.240 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.834 | 128 | 69284 | 28.738 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.546 | 143 | 83176 | 30.427 | ng/ul | -0.02 |
| 28) 2,4-Dichlorophenol-d3 | 10.087 | 165 | 181646 | 30.598 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.593 | 131 | 200576 | 28.317 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.722 | 166 | 615601 | 30.650 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.998 | 160 | 646963 | 30.424 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.522 | 143 | 84086 | 24.475 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.316 | 176 | 543702 | 30.603 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.451 | 200 | 111743 | 27.101 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.204 | 188 | 937697 | 30.245 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.581 | 212 | 1252571 | 31.005 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 24.598 | 264 | 1542785 | 32.275 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.252 | 88 | 29319 | 11.212 | ng/uL | 100 |
| 5) Pyridine | 3.652 | 79 | 212844 | 30.360 | ng/ul | 96 |
| 6) Benzaldehyde | 6.858 | 77 | 177087 | 40.472 | ng/ul | 92 |
| 8) Phenol | 6.911 | 94 | 293372 | 36.344 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.134 | 93 | 211996 | 34.314 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.275 | 128 | 221540 | 38.186 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.140 | 108 | 212382 | 36.278 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.211 | 45 | 183512 | 32.019 | ng/ul | 97 |
| 16) Acetophenone | 8.511 | 105 | 348088 | 34.142 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.499 | 70 | 182569 | 34.542 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.463 | 108 | 218030 | 34.152 | ng/ul | 97 |
| 19) Hexachloroethane | 8.769 | 117 | 89692 | 32.750 | ng/ul | 98 |
| 22) Nitrobenzene | 8.875 | 77 | 274909 | 37.296 | ng/ul | 99 |
| 23) Isophorone | 9.405 | 82 | 501477 | 39.277 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.581 | 139 | 123346 | 42.171 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.646 | 107 | 220324 | 33.252 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.875 | 93 | 277637 | 37.724 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.110 | 162 | 243605 | 41.303 | ng/ul | 96 |
| 30) Naphthalene | 10.505 | 128 | 652469 | 38.496 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.616 | 127 | 254661 | 36.301 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.793 | 225 | 203826 | 38.924 | ng/ul | 96 |
| 34) Caprolactam | 11.399 | 113 | 77625 | 43.387 | ng/ul | 92 |
| 35) 4-Chloro-3-methylphenol | 11.740 | 107 | 262972 | 41.213 | ng/ul | 98 |

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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 :**
DDC66MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.116 | 142 | 500864 | 39.765 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.340 | 142 | 509346 | 40.096 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.487 | 216 | 382103 | 39.665 | ng/ul# | 98 |
| 40) Hexachlorocyclopentadiene | 12.469 | 237 | 219945 | 36.297 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.734 | 196 | 239134 | 41.524 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.804 | 196 | 265355 | 42.551 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.134 | 154 | 726802 | 39.116 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.175 | 162 | 600752 | 40.157 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.375 | 65 | 178119 | 41.176 | ng/ul | 94 |
| 47) Dimethylphthalate | 13.769 | 163 | 807534 | 40.029 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 13.881 | 165 | 165103 | 42.691 | ng/ul | 99 |
| 50) Acenaphthylene | 14.028 | 152 | 896092 | 40.408 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.216 | 138 | 144693 | 41.094 | ng/ul | 95 |
| 52) Acenaphthene | 14.375 | 153 | 641153 | 39.791 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.428 | 184 | 99295 | 37.734 | ng/ul | 92 |
| 55) 4-Nitrophenol | 14.540 | 109 | 156300 | 40.213 | ng/ul | 91 |
| 56) Dibenzofuran | 14.716 | 168 | 968061 | 40.411 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.675 | 165 | 256329 | 43.009 | ng/ul | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.945 | 232 | 262610 | 43.747 | ng/ul | 99 |
| 59) Diethylphthalate | 15.151 | 149 | 818642 | 41.004 | ng/ul | 98 |
| 61) Fluorene | 15.369 | 166 | 805884 | 40.452 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.363 | 204 | 466392 | 40.663 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.387 | 138 | 163153 | 45.528 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.469 | 198 | 184790 | 41.166 | ng/ul# | 96 |
| 67) N-Nitrosodiphenylamine | 15.587 | 169 | 686892 | 39.270 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.281 | 248 | 335018 | 42.007 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.398 | 284 | 417054 | 43.067 | ng/ul | 94 |
| 70) Atrazine | 16.569 | 200 | 303512 | 38.897 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.751 | 266 | 310815 | 48.106 | ng/ul | 99 |
| 72) Phenanthrene | 17.151 | 178 | 1392775 | 39.998 | ng/ul | 100 |
| 74) Anthracene | 17.245 | 178 | 1415402 | 39.944 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.099 | 216 | 378306 | 37.960 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.628 | 250 | 423301 | 38.624 | ng/uL | 98 |
| 77) Carbazole | 17.522 | 167 | 1252828 | 40.115 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.110 | 149 | 1494859 | 41.517 | ng/ul | 99 |
| 80) Fluoranthene | 19.233 | 202 | 1872458 | 40.551 | ng/ul | 98 |
| 82) Pyrene | 19.610 | 202 | 2007906 | 40.398 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.569 | 149 | 749028 | 43.242 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.445 | 252 | 709098 | 39.716 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.527 | 228 | 2132320 | 39.679 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.457 | 149 | 1069010 | 42.063 | ng/ul | 100 |
| 87) Chrysene | 21.586 | 228 | 2002338 | 39.701 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.704 | 149 | 1821907 | 40.581 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.780 | 252 | 2318626 | 41.098 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.851 | 252 | 2321880m | 41.293 | ng/ul | |
| 93) Benzo(a)pyrene | 24.663 | 252 | 2120041 | 40.782 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.539 | 276 | 2750311m | 40.576 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.615 | 278 | 2235497 | 40.941 | ng/ul# | 97 |
| 96) Benzo(g,h,i)perylene | 29.686 | 276 | 2157428m | 41.020 | ng/ul | |

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

**Instrument :**
BNA_P
**ClientSampleId :**
DDC66MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022084.D
Acq On : 27 Sep 2024 23:41
Operator : RC/JU
Sample : P3910-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 28 01:33:42 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 :**
DDC66MS

**Manual IntegrationsAPPROVED**

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