Quantitation Report (Qedit)

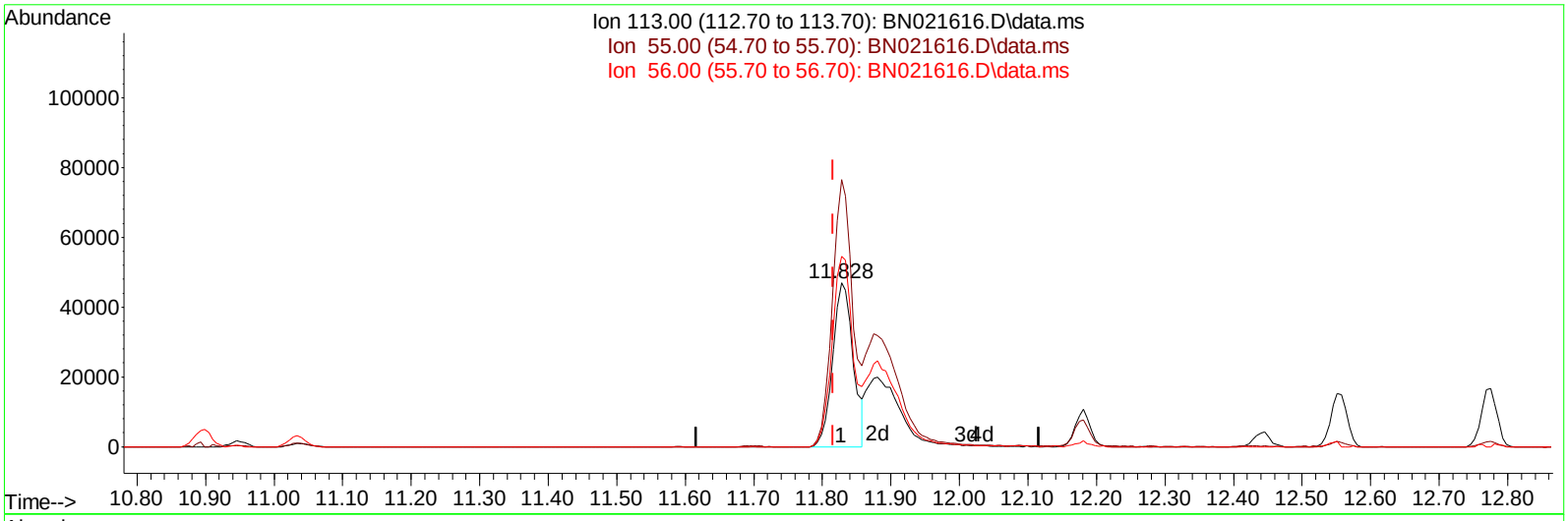
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
Data File : BN021616.D
Acq On : 07 Sep 2022 00:39
Operator : CG/JU
Sample : PB147443BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

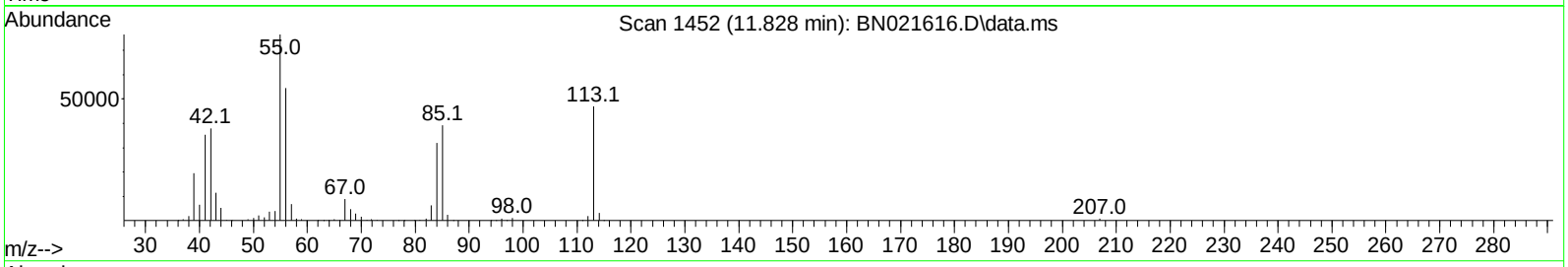
Quant Time: Sep 07 01:45:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 01:01:49 2022
Response via : Initial Calibration

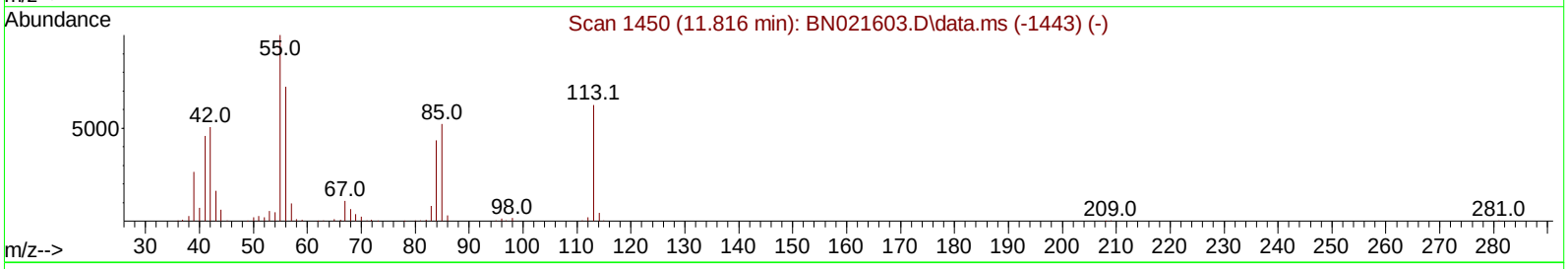
**Instrument :**
BNA_N
**ClientSampleId :**
SLCS443

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/07/2022
Supervised By :mohammad ahmed 09/07/2022




TIC: BN021616.D\data.ms

**(34) Caprolactam**

**11.828min (+ 0.012) 23.21 ng/ul**

**response 97050**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 181.90 | 162.82 |
| 56.00 | 133.10 | 116.15 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Manual IntegrationsAPPROVED**

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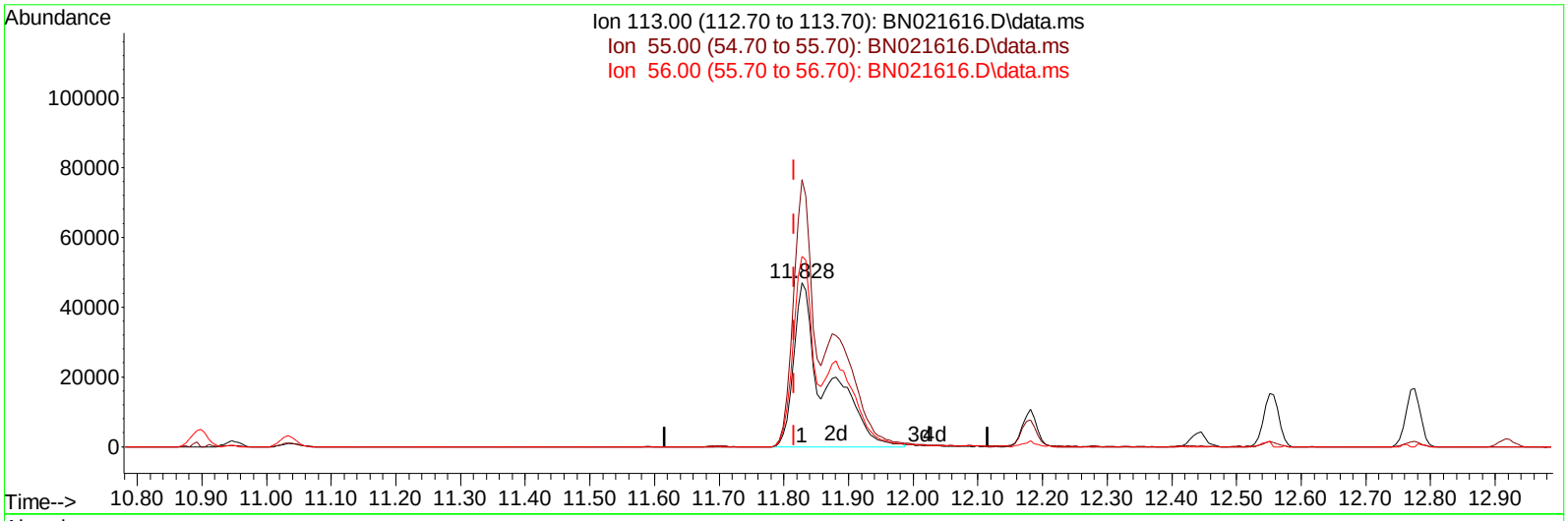


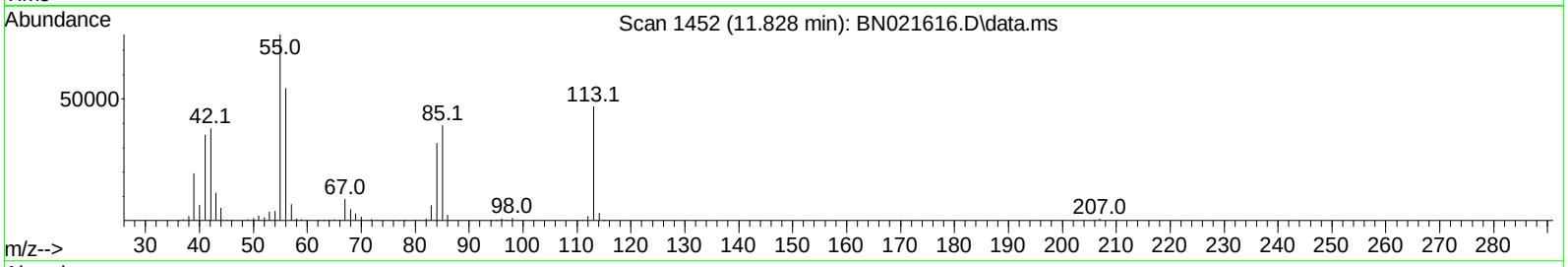


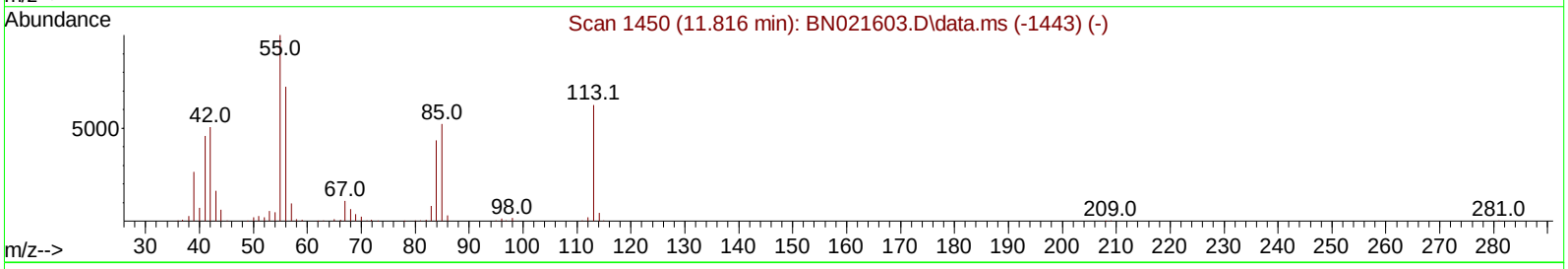


TIC: BN021616.D\data.ms

**(34) Caprolactam**

**11.828min (+ 0.012) 39.16 ng/ul m**

**response 163727**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 181.90 | 162.82 |
| 56.00 | 133.10 | 116.15 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_N
**ClientSampleId :**
SLCS443

**Manual IntegrationsAPPROVED**

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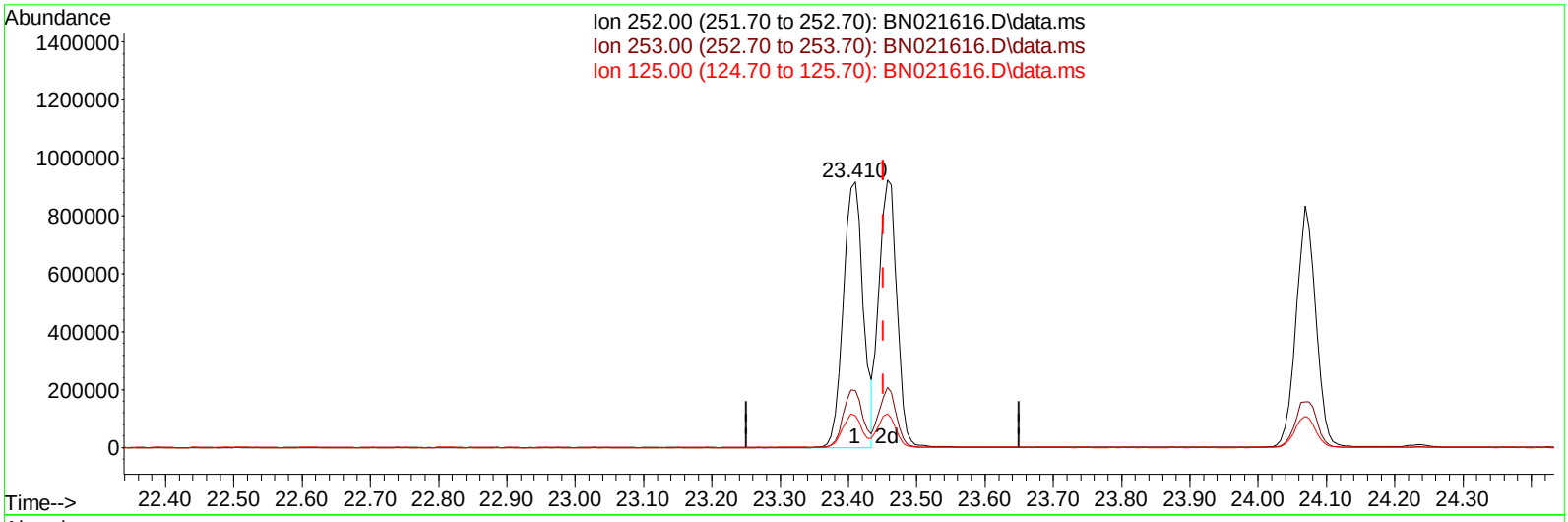


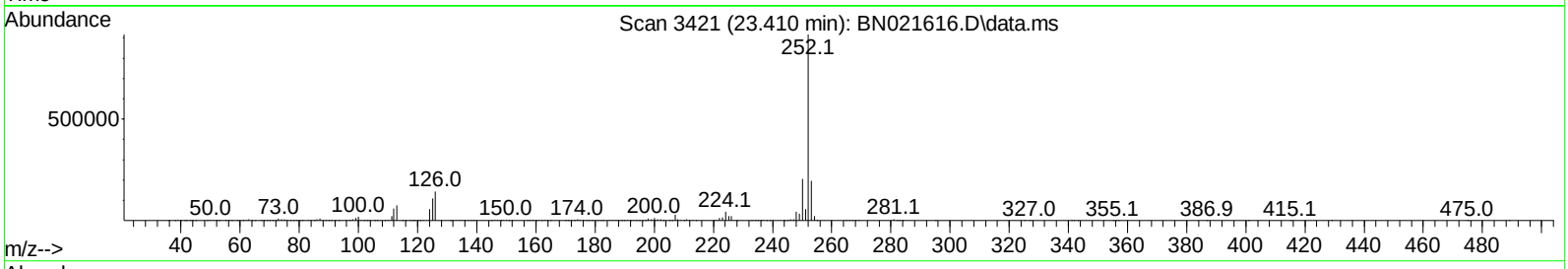


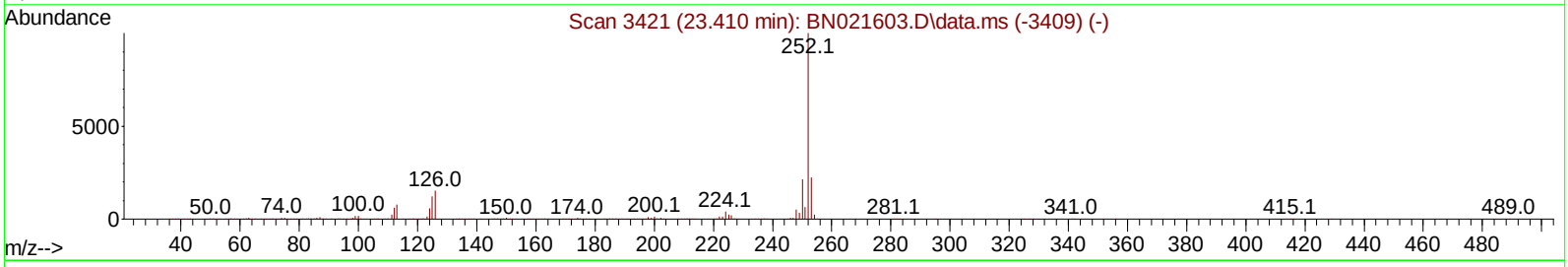


TIC: BN021616.D\data.ms

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

**23.410min (-0.041) 54.44 ng/ul**

**response 1861053**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.80 | 21.40 |
| 125.00 | 10.30 | 11.92 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Sample : PB147443BS
Misc :
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Quant Time: Sep 07 01:45:28 2022
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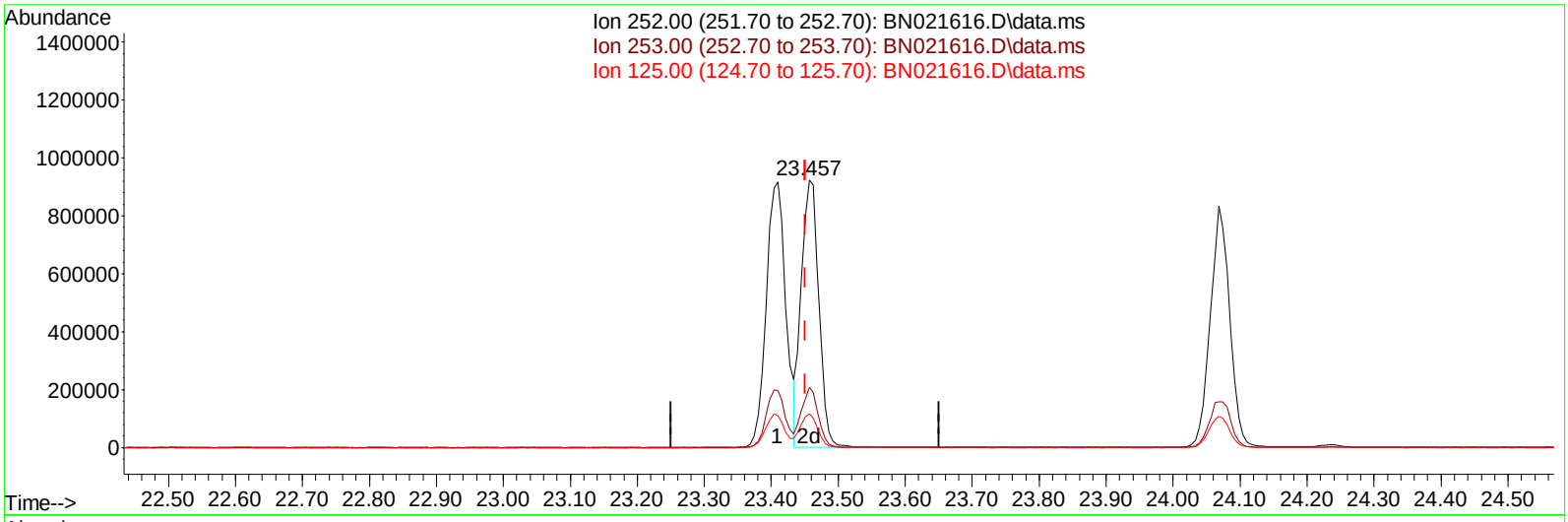
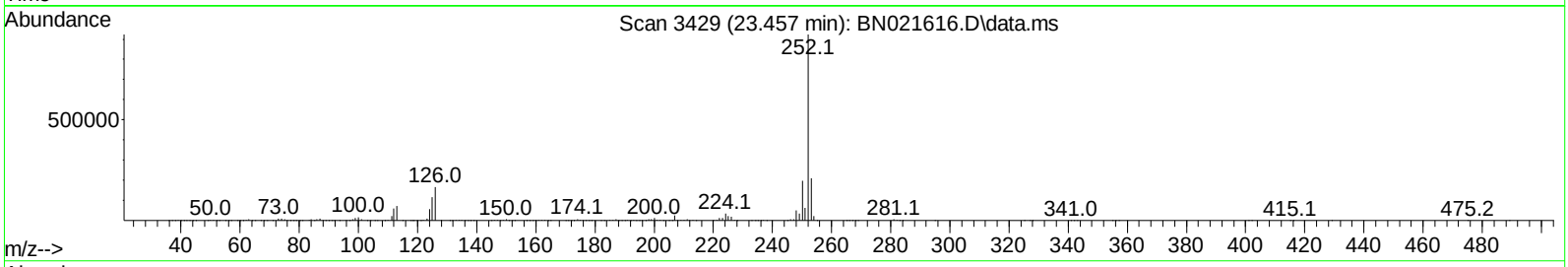
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 01:01:49 2022
Response via : Initial Calibration

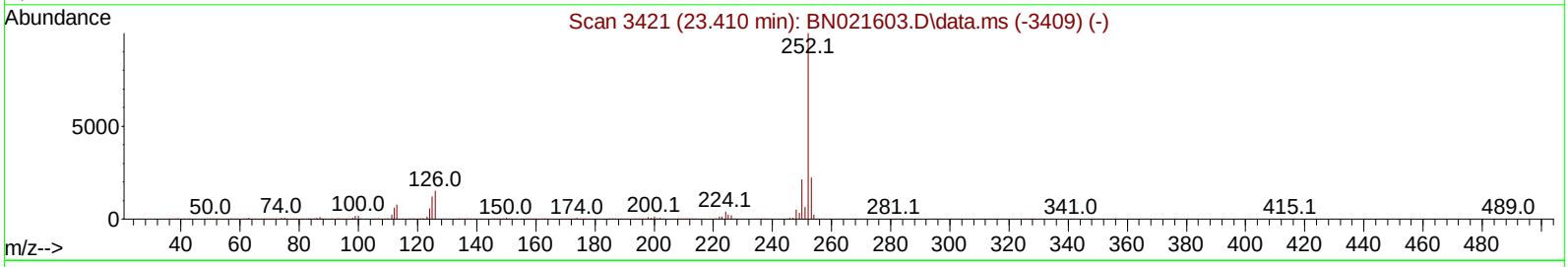
**Instrument :**
BNA_N
**ClientSampleId :**
SLCS443

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/07/2022
Supervised By :mohammad ahmed 09/07/2022




TIC: BN021616.D\data.ms

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

**23.457min (+ 0.006) 49.18 ng/ul m**

**response 1681292**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.80 | 22.57 |
| 125.00 | 10.30 | 12.67# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

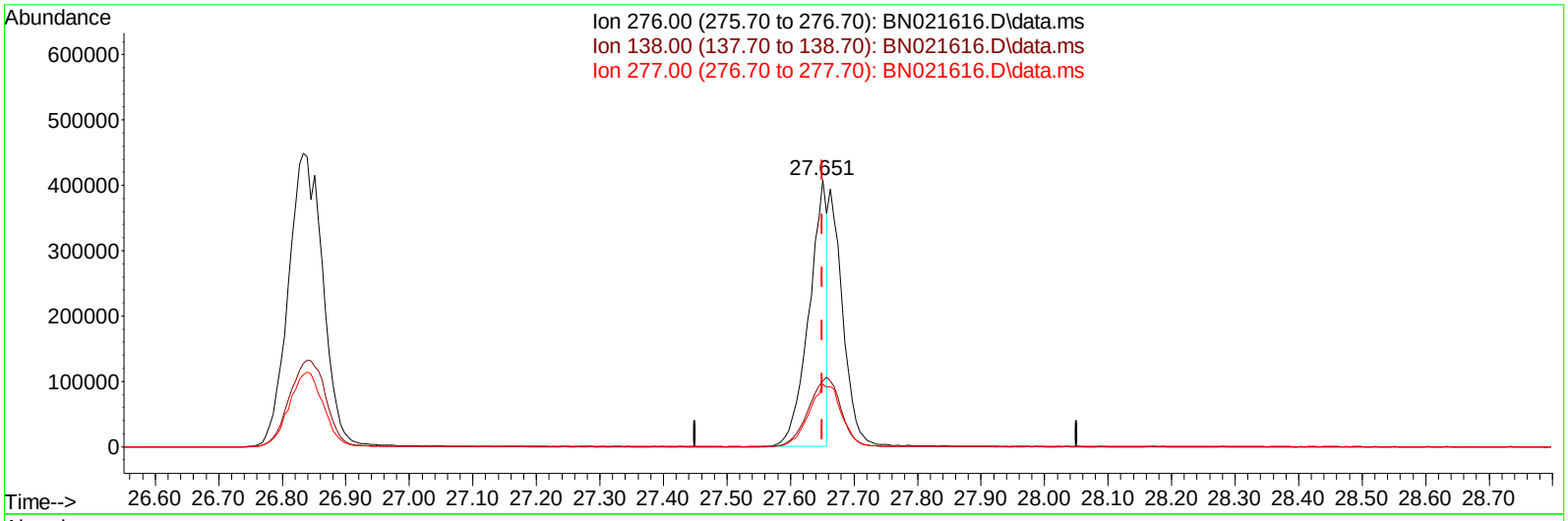
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
Data File : BN021616.D
Acq On : 07 Sep 2022 00:39
Operator : CG/JU
Sample : PB147443BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

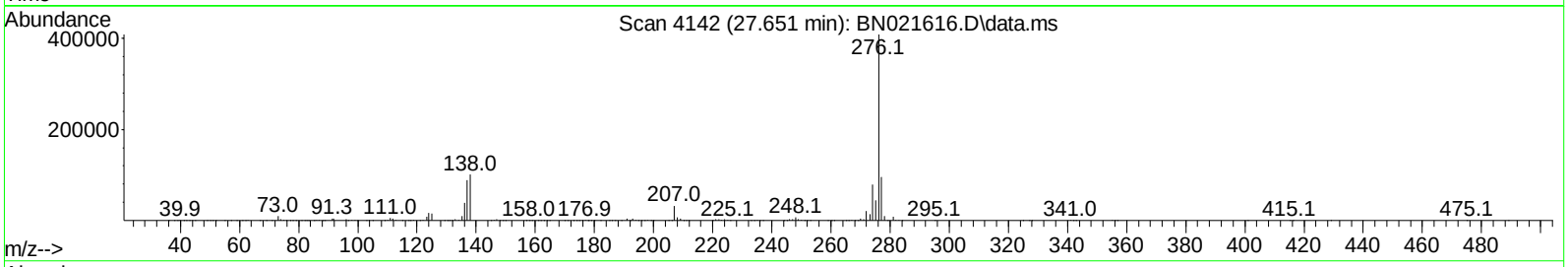
Quant Time: Sep 07 01:45:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 01:01:49 2022
Response via : Initial Calibration

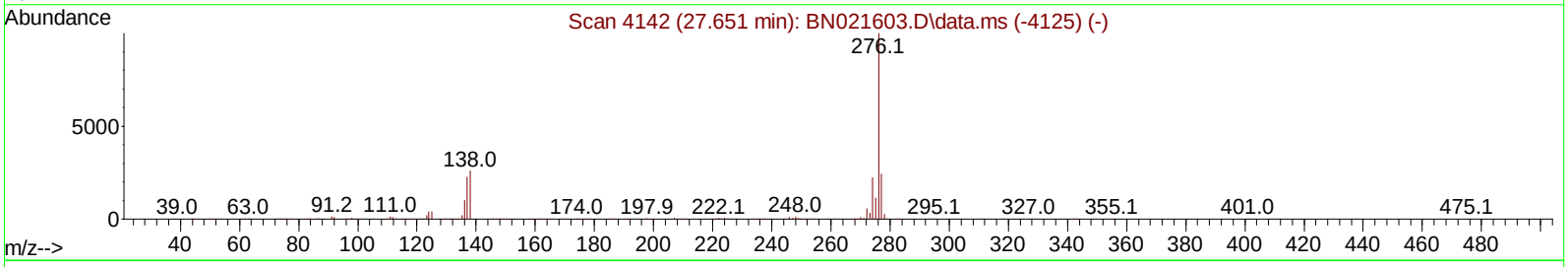
**Instrument :**
BNA_N
**ClientSampleId :**
SLCS443

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/07/2022
Supervised By :mohammad ahmed 09/07/2022




TIC: BN021616.D\data.ms

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

**27.651min (+ 0.000) 20.32 ng/ul**

**response 796166**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 21.30 | 24.77 |
| 277.00 | 22.20 | 23.41 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Sample : PB147443BS
Misc :
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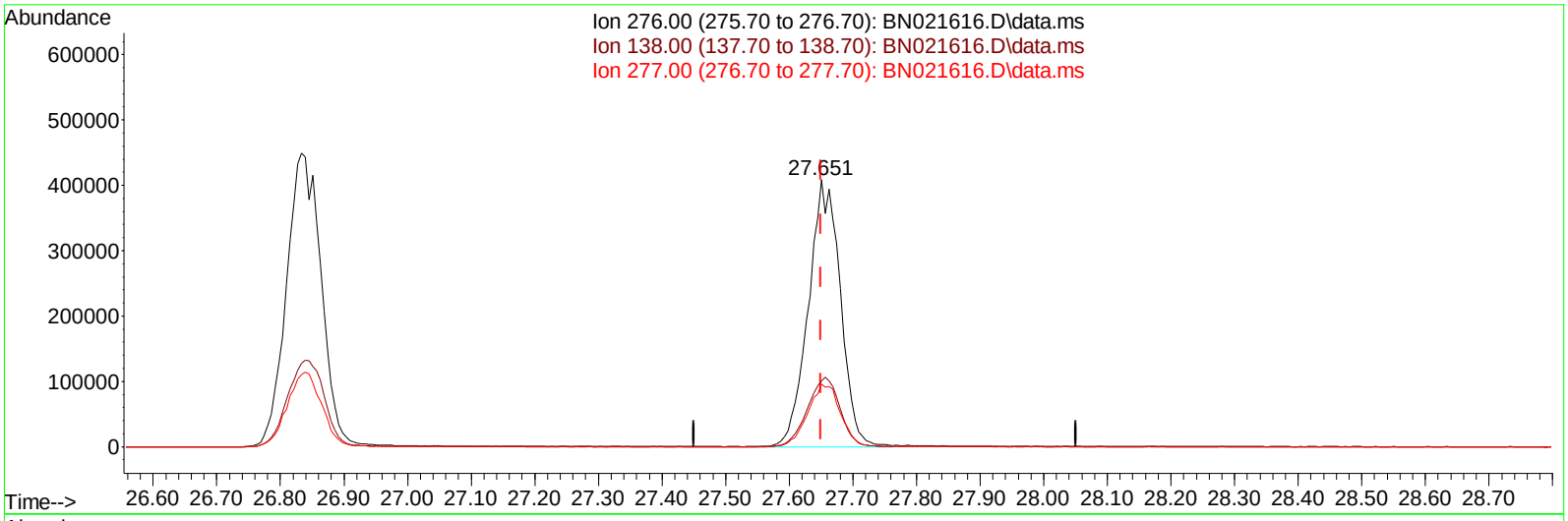
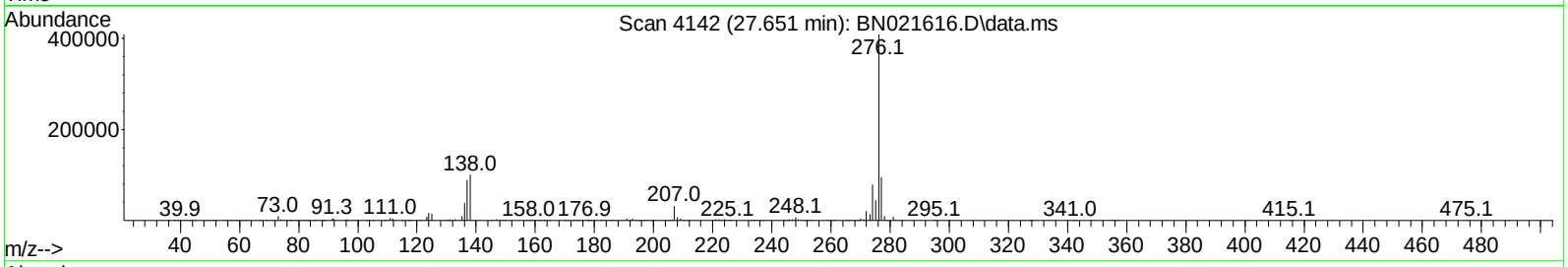
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 01:01:49 2022
Response via : Initial Calibration

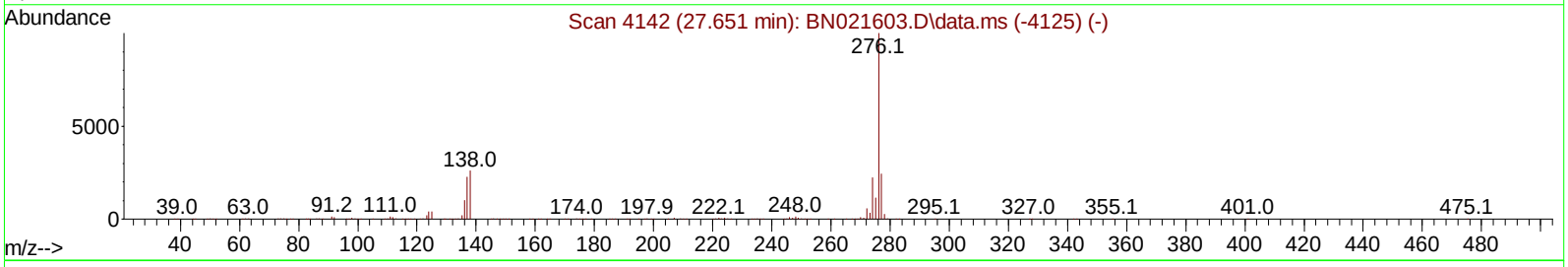
**Instrument :**
BNA_N
**ClientSampleId :**
SLCS443

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/07/2022
Supervised By :mohammad ahmed 09/07/2022




TIC: BN021616.D\data.ms

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

**27.651min (+ 0.000) 36.17 ng/ul m**

**response 1416706**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 21.30 | 24.77 |
| 277.00 | 22.20 | 23.41 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Data File : BN021616.D
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Sample : PB147443BS
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**Instrument :**
BNA_N
**ClientSampleId :**
SLCS443

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/07/2022
Supervised By :mohammad ahmed 09/07/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.063 | 152 | 173519 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.899 | 136 | 774072 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.722 | 164 | 469123 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.469 | 188 | 970642 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.663 | 240 | 769776 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.174 | 264 | 628186 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.364 | 96 | 32084 | 6.942 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.793 | 84 | 423072 | 33.588 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.216 | 99 | 608302 | 38.653 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.387 | 67 | 362383 | 38.041 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.587 | 132 | 456566 | 39.875 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.781 | 113 | 472617 | 38.274 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.246 | 128 | 230253 | 43.659 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.969 | 143 | 243913 | 51.780 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.510 | 165 | 444568 | 42.614 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.034 | 131 | 502375 | 28.355 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.128 | 166 | 1265005 | 39.452 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.416 | 160 | 1469626 | 39.315 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.922 | 143 | 252198 | 39.526 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.710 | 176 | 1070224 | 38.359 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.834 | 200 | 193864 | 49.934 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.569 | 188 | 1560763 | 36.488 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.863 | 212 | 1694083 | 46.277 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.016 | 264 | 1311567 | 44.049 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.405 | 88 | 70066 | 14.721 | ng/uL | 98 |
| 5) Pyridine | 3.817 | 79 | 465257 | 36.710 | ng/ul | 90 |
| 6) Benzaldehyde | 7.193 | 77 | 107211 | 15.679 | ng/ul | 95 |
| 8) Phenol | 7.246 | 94 | 634388 | 39.009 | ng/ul | 93 |
| 10) Bis(2-Chloroethyl)ether | 7.481 | 93 | 509436 | 39.287 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.622 | 128 | 488729 | 39.787 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.511 | 108 | 484864 | 39.240 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.605 | 45 | 651947 | 39.860 | ng/ul | 96 |
| 16) Acetophenone | 8.899 | 105 | 726512 | 37.200 | ng/ul | 95 |
| 17) N-Nitroso-di-n-propyla... | 8.887 | 70 | 376214 | 38.687 | ng/ul | 94 |
| 18) 4-Methylphenol | 8.846 | 108 | 520307 | 38.333 | ng/ul | 98 |
| 19) Hexachloroethane | 9.158 | 117 | 194449 | 39.716 | ng/ul | 90 |
| 22) Nitrobenzene | 9.287 | 77 | 555684 | 42.757 | ng/ul | 96 |
| 23) Isophorone | 9.810 | 82 | 1111921 | 41.549 | ng/ul | 98 |
| 25) 2-Nitrophenol | 10.005 | 139 | 270784 | 49.074 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 10.057 | 107 | 551577 | 40.367 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.299 | 93 | 694919 | 41.465 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.540 | 162 | 445325 | 40.741 | ng/ul | 97 |
| 30) Naphthalene | 10.952 | 128 | 1514765 | 37.582 | ng/ul | 100 |
| 32) 4-Chloroaniline | 11.057 | 127 | 355663 | 19.371 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.228 | 225 | 253060 | 40.187 | ng/ul | 98 |
| 34) Caprolactam | 11.828 | 113 | 163727m | 39.159 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.181 | 107 | 527197 | 42.796 | ng/ul | 98 |

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**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 09/07/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.551 | 142 | 1045552 | 38.347 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.775 | 142 | 1030654 | 37.613 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.922 | 216 | 475190 | 39.502 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.899 | 237 | 293224 | 40.942 | ng/ul | 94 |
| 41) 2,4,6-Trichlorophenol | 13.157 | 196 | 337878 | 45.267 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.228 | 196 | 379021 | 46.281 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.557 | 154 | 1368551 | 39.919 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.604 | 162 | 1035883 | 39.468 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.810 | 65 | 331645 | 50.380 | ng/ul | 87 |
| 47) Dimethylphthalate | 14.175 | 163 | 1325745 | 40.421 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 14.298 | 165 | 285155 | 50.678 | ng/ul | 97 |
| 50) Acenaphthylene | 14.445 | 152 | 1689930 | 39.161 | ng/ul | 97 |
| 51) 3-Nitroaniline | 14.628 | 138 | 288746 | 46.063 | ng/ul | 98 |
| 52) Acenaphthene | 14.787 | 153 | 1079139 | 38.702 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.834 | 184 | 151420 | 54.970 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.934 | 109 | 196513 | 38.421 | ng/ul | 90 |
| 56) Dibenzofuran | 15.122 | 168 | 1544426 | 38.551 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 15.081 | 165 | 392646 | 48.048 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.345 | 232 | 273057 | 43.439 | ng/ul | 95 |
| 59) Diethylphthalate | 15.534 | 149 | 1350770 | 40.839 | ng/ul | 98 |
| 61) Fluorene | 15.769 | 166 | 1158256 | 36.658 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.757 | 204 | 540888 | 37.136 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.792 | 138 | 307935 | 48.951 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.845 | 198 | 209006 | 50.816 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.975 | 169 | 1066046 | 39.186 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.657 | 248 | 350736 | 40.629 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.775 | 284 | 400040 | 38.929 | ng/ul | 96 |
| 70) Atrazine | 16.916 | 200 | 18548 | 1.927 | ng/ul | 93 |
| 71) Pentachlorophenol | 17.116 | 266 | 228667 | 39.969 | ng/ul | 99 |
| 72) Phenanthrene | 17.516 | 178 | 1936790 | 37.776 | ng/ul | 98 |
| 74) Anthracene | 17.604 | 178 | 1890182 | 37.025 | ng/ul | 96 |
| 75) 1,2,3,4-Tetrachloroben... | 13.528 | 216 | 501956 | 40.631 | ng/uL | 95 |
| 76) Pentachlorobenzene | 15.034 | 250 | 459242 | 39.023 | ng/uL | 96 |
| 77) Carbazole | 17.875 | 167 | 1810228 | 37.522 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.433 | 149 | 2342524 | 43.067 | ng/ul | 100 |
| 80) Fluoranthene | 19.528 | 202 | 2207379 | 49.990 | ng/ul# | 94 |
| 82) Pyrene | 19.892 | 202 | 2157717 | 46.885 | ng/ul# | 92 |
| 83) Butylbenzylphthalate | 20.780 | 149 | 1006523 | 57.783 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.575 | 252 | 550106 | 37.480 | ng/ul# | 96 |
| 85) Benzo(a)anthracene | 21.645 | 228 | 1888274 | 40.741 | ng/ul | 96 |
| 86) Bis(2-ethylhexyl)phtha... | 21.557 | 149 | 1441445 | 54.047 | ng/ul# | 96 |
| 87) Chrysene | 21.704 | 228 | 1814059 | 40.425 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.522 | 149 | 2398276 | 65.176 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.410 | 252 | 1861053 | 48.696 | ng/ul# | 97 |
| 91) Benzo(k)fluoranthene | 23.457 | 252 | 1681292m | 49.179 | ng/ul | |
| 93) Benzo(a)pyrene | 24.069 | 252 | 1686408 | 46.120 | ng/ul | 93 |
| 94) Indeno(1,2,3-cd)pyrene | 26.833 | 276 | 1694670 | 37.751 | ng/ul | 94 |
| 95) Dibenzo(a,h)anthracene | 26.857 | 278 | 1453515 | 38.367 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.651 | 276 | 1416706m | 36.165 | ng/ul | |

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

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS443

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/07/2022
Supervised By :mohammad ahmed 09/07/2022

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
Data File : BN021616.D
Acq On : 07 Sep 2022 00:39
Operator : CG/JU
Sample : PB147443BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 07 01:45:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 01:01:49 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS443

**Manual IntegrationsAPPROVED**

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