Quantitation Report (Qedit)

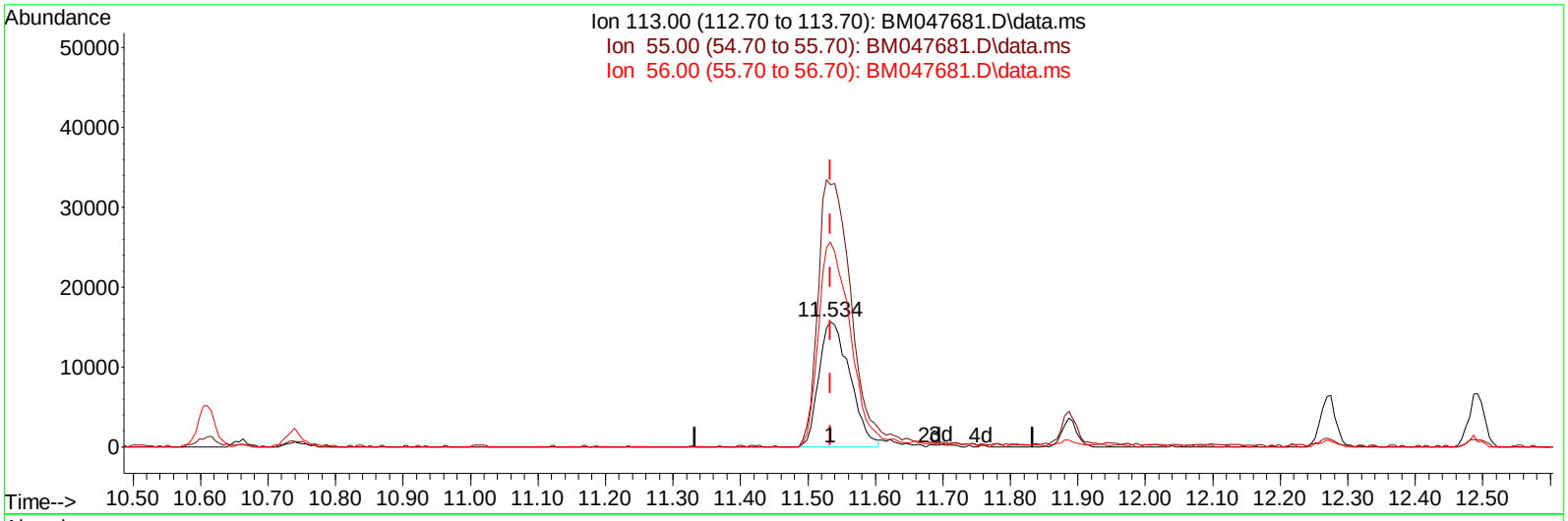
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092724\
Data File : BM047681.D
Acq On : 27 Sep 2024 19:35
Operator : RC/JU
Sample : SSTD02038
Misc :
ALS Vial : 4 Sample Multiplier: 1

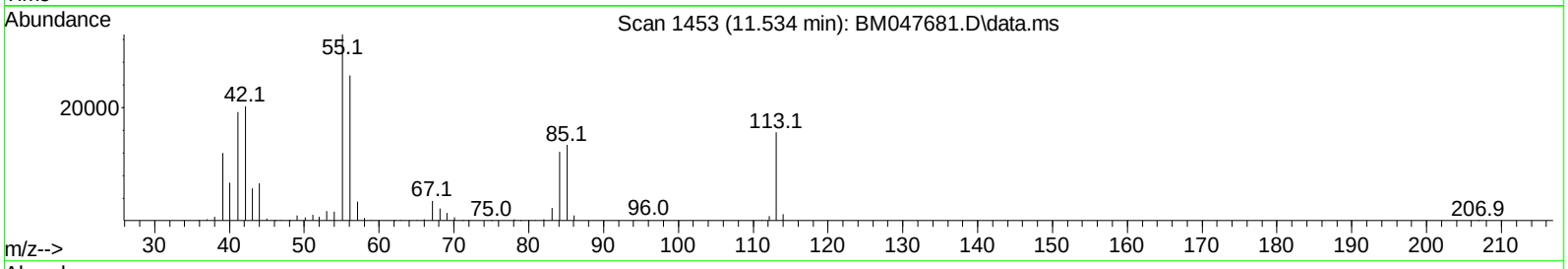
Quant Time: Sep 28 02:06:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 01:59:50 2024
Response via : Initial Calibration

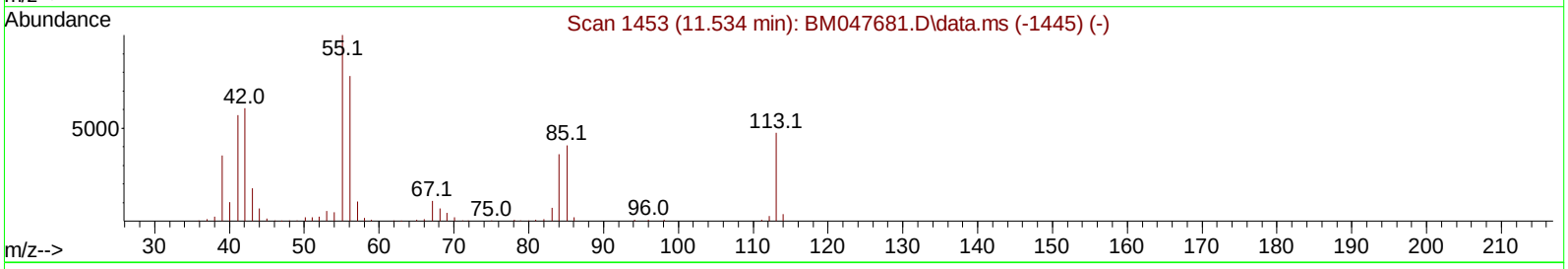
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020022

**Manual IntegrationsAPPROVED**

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




TIC: BM047681.D\data.ms

**(34) Caprolactam**

**11.534min ( 0.000) 15.58 ng/ul**

**response 49971**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 209.90 | 209.90 |
| 56.00 | 164.10 | 164.07 |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

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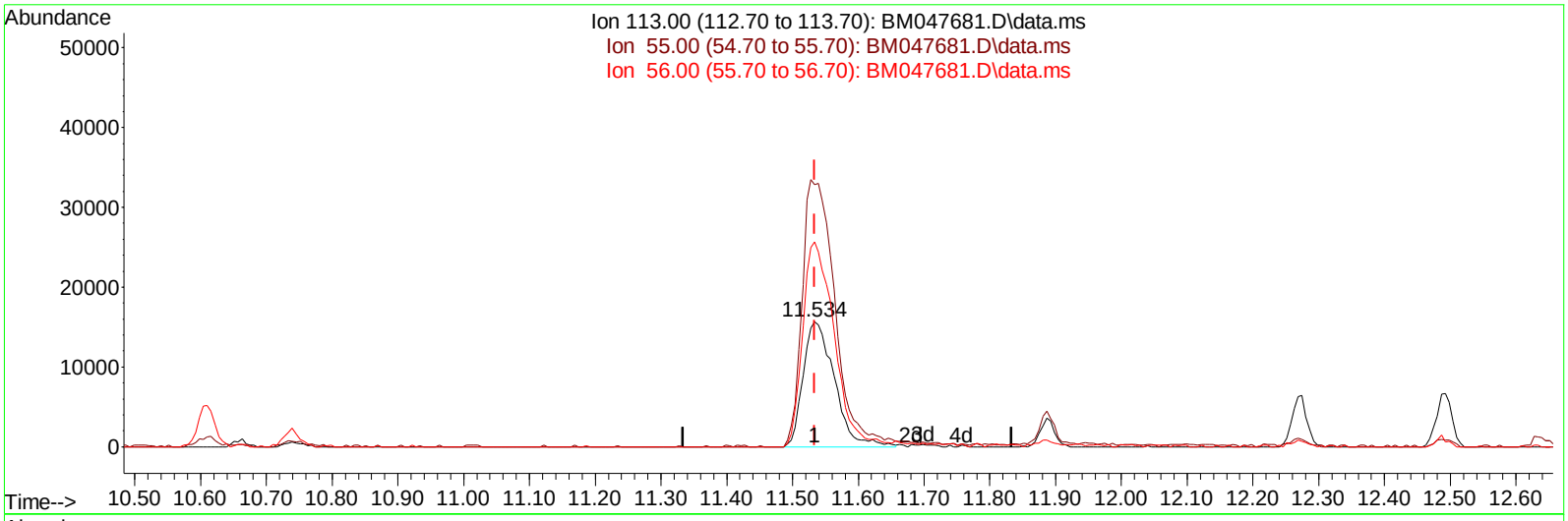


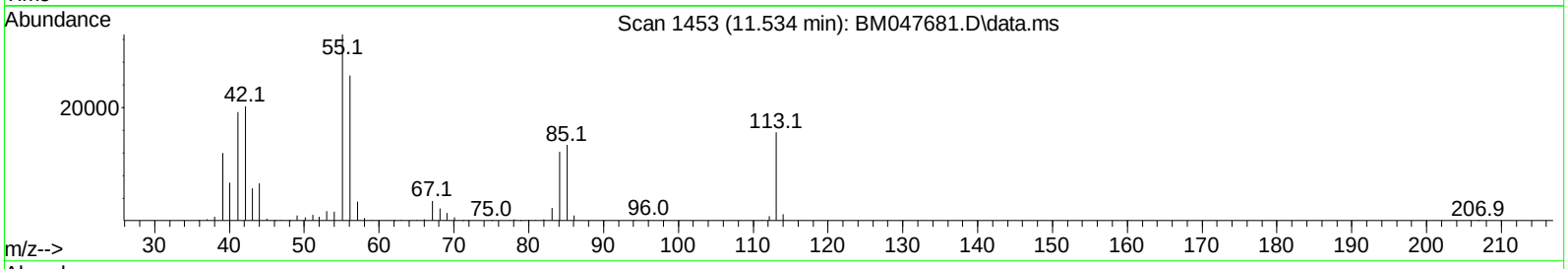


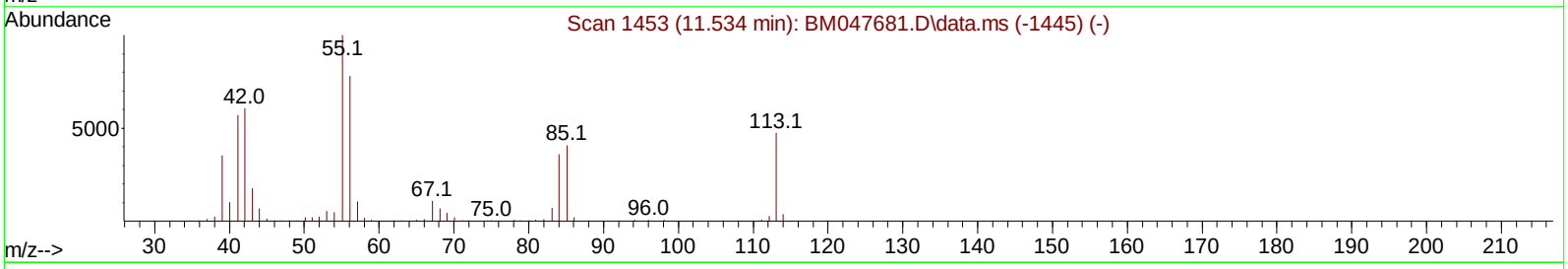


TIC: BM047681.D\data.ms

**(34) Caprolactam**

**11.534min ( 0.000) 16.10 ng/ul m**

**response 51637**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 209.90 | 209.90 |
| 56.00 | 164.10 | 164.07 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 27 Sep 2024 19:35
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Sample : SSTD02038
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 01:59:50 2024
Response via : Initial Calibration

**Instrument :**
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**ClientSampleId :**
SSTD020022

**Manual IntegrationsAPPROVED**

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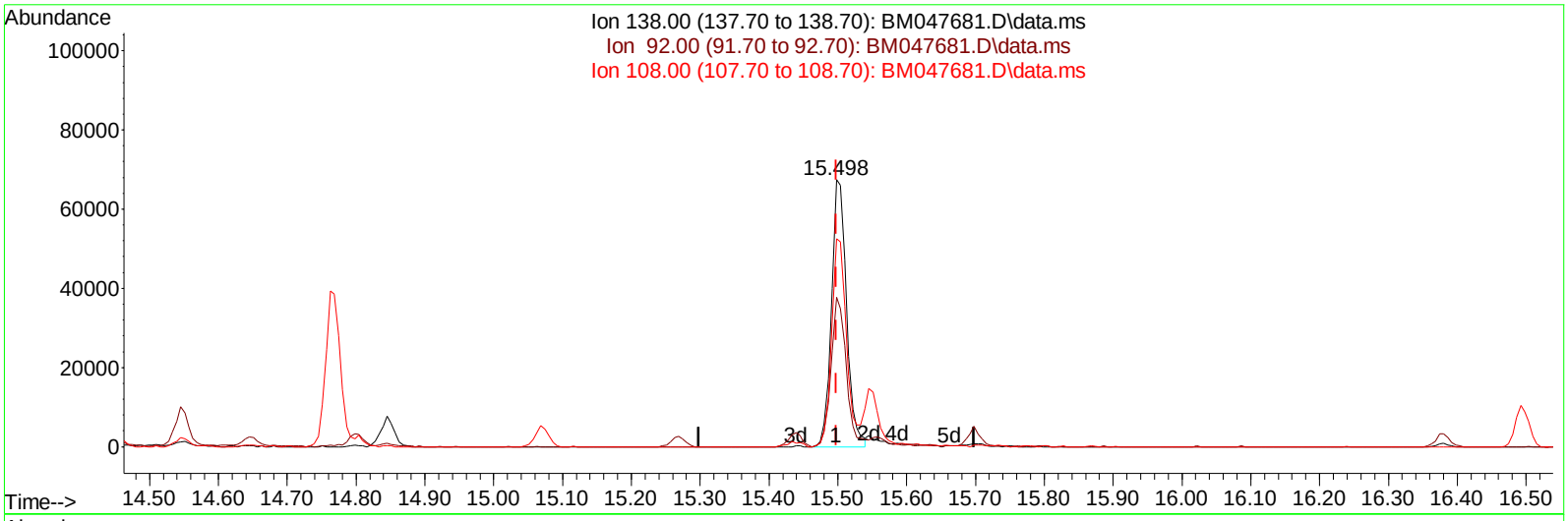


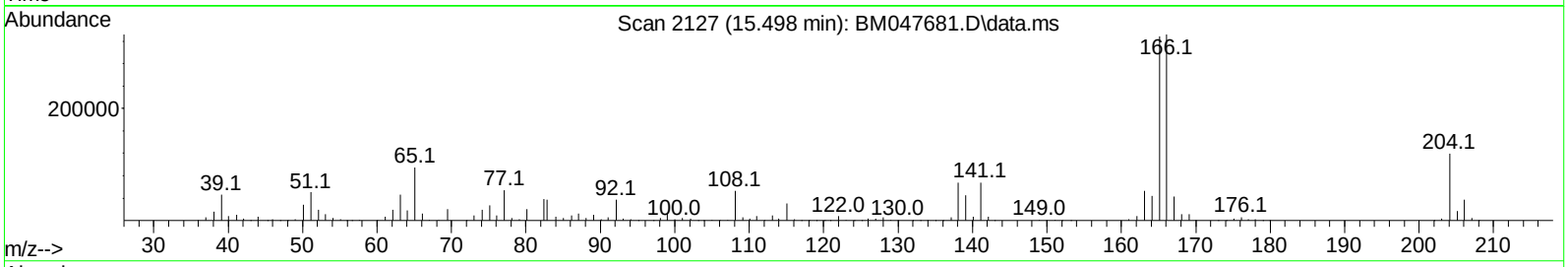


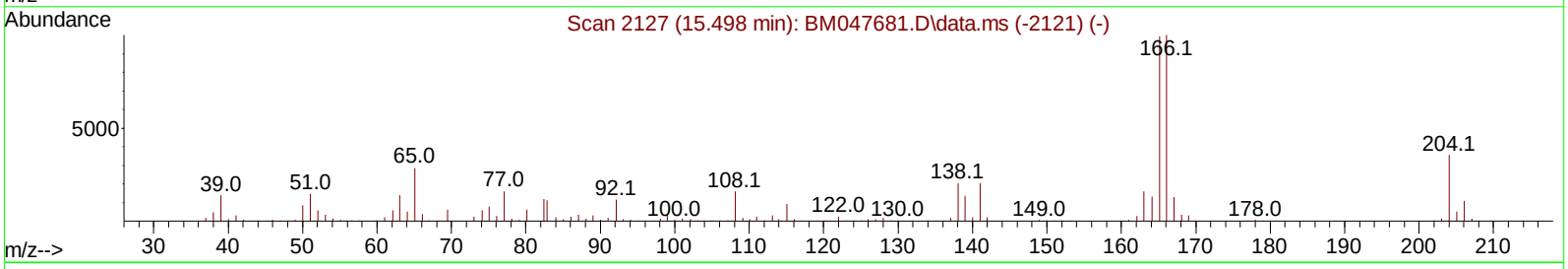


TIC: BM047681.D\data.ms

**(63) 4-Nitroaniline**

**15.498min ( 0.000) 19.85 ng/ul**

**response 101253**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 56.10 | 56.11 |
| 108.00 | 78.00 | 77.99 |
| 0.00 | 0.00 | 0.00 |

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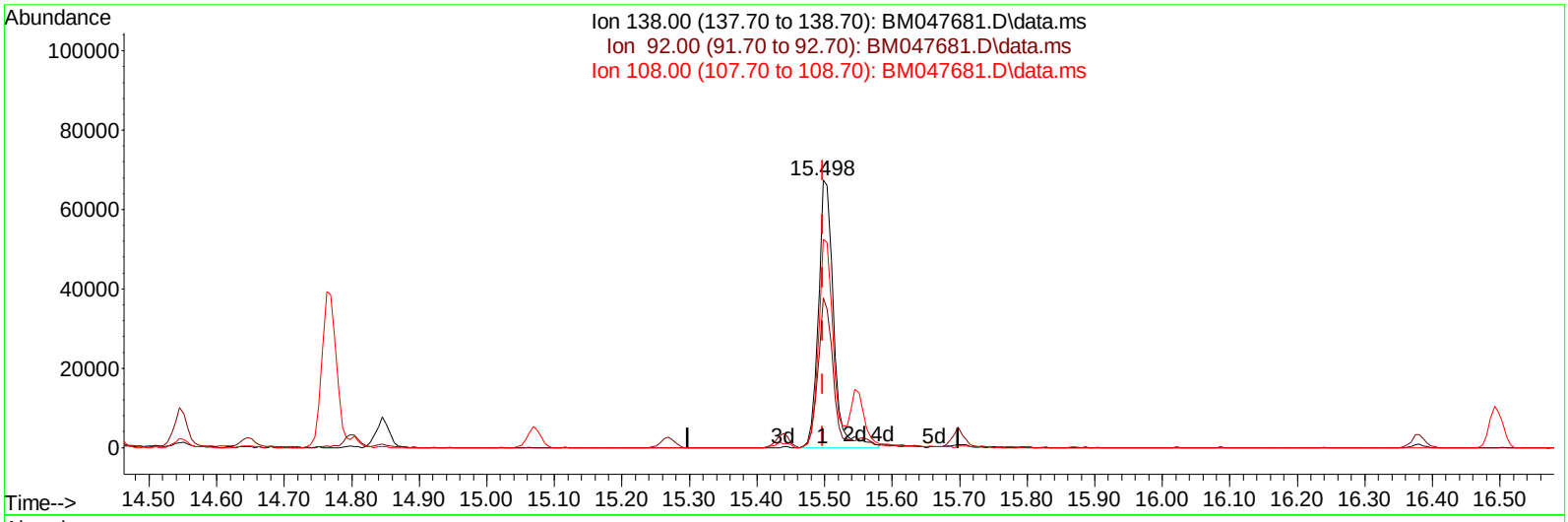
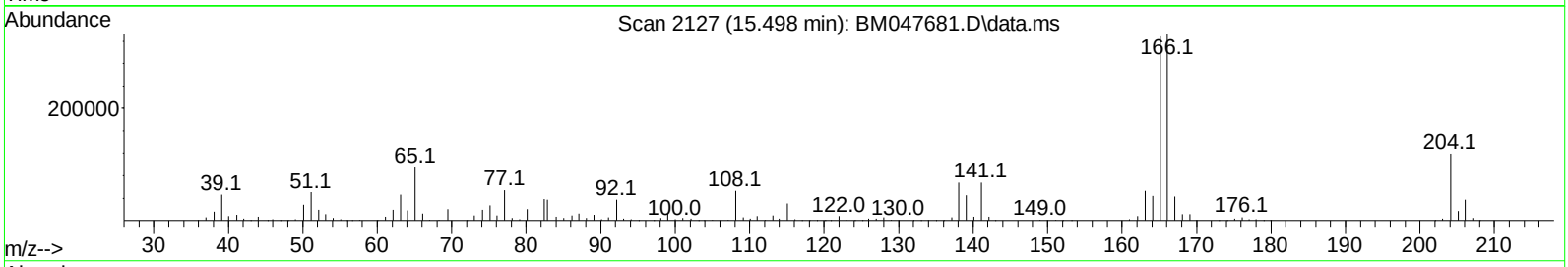
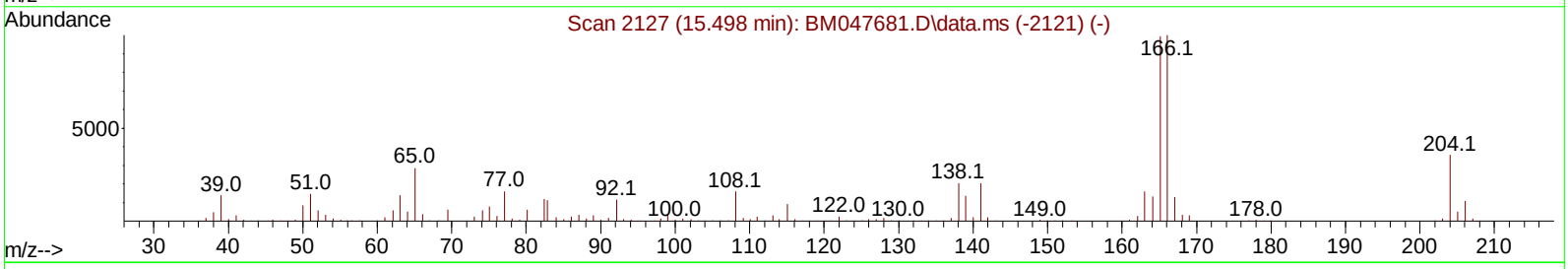
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020022

**Manual IntegrationsAPPROVED**

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




TIC: BM047681.D\data.ms

**(63) 4-Nitroaniline**

**15.498min ( 0.000) 20.58 ng/ul m**

**response 104973**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 56.10 | 56.11 |
| 108.00 | 78.00 | 77.99 |
| 0.00 | 0.00 | 0.00 |

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 01:59:50 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020022

**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 | 7.816 | 152 | 138731 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.610 | 136 | 553617 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.451 | 164 | 324022 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.186 | 188 | 619410 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.409 | 240 | 588645 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.415 | 264 | 637397 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.258 | 96 | 35558 | 10.337 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.675 | 84 | 252867 | 23.009 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.975 | 99 | 249728 | 19.204 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.146 | 67 | 185808 | 22.955 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.346 | 132 | 194637 | 19.652 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.516 | 113 | 183499 | 17.952 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.969 | 128 | 89046 | 20.828 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.692 | 143 | 81952 | 20.290 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.228 | 165 | 170415 | 20.750 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.739 | 131 | 251883 | 18.740 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.857 | 166 | 468719 | 19.681 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.139 | 160 | 561582 | 19.541 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.633 | 143 | 86489 | 18.329 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.439 | 176 | 408688 | 19.858 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 200 | 63842 | 19.497 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.286 | 188 | 608950 | 20.416 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.568 | 212 | 658647 | 19.199 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.209 | 264 | 653744 | 19.301 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.293 | 88 | 39573 | 10.659 | ng/uL | 100 |
| 5) Pyridine | 3.693 | 79 | 272201 | 23.988 | ng/ul | 100 |
| 6) Benzaldehyde | 6.951 | 77 | 173450 | 25.200 | ng/ul | 100 |
| 8) Phenol | 7.004 | 94 | 265719 | 19.849 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.234 | 93 | 220226 | 20.803 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.381 | 128 | 204596 | 19.946 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.257 | 108 | 181209 | 17.982 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.334 | 45 | 420809 | 27.124 | ng/ul | 100 |
| 16) Acetophenone | 8.634 | 105 | 324111 | 19.704 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.622 | 70 | 178163 | 20.409 | ng/ul | 100 |
| 18) 4-Methylphenol | 8.581 | 108 | 205509 | 18.678 | ng/ul | 100 |
| 19) Hexachloroethane | 8.898 | 117 | 91672 | 20.799 | ng/ul | 100 |
| 22) Nitrobenzene | 9.010 | 77 | 248770 | 23.285 | ng/ul | 100 |
| 23) Isophorone | 9.540 | 82 | 454249 | 21.321 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.722 | 139 | 97320 | 20.841 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 9.781 | 107 | 209537 | 20.861 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)met... | 10.022 | 93 | 276639 | 21.458 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.257 | 162 | 176741 | 21.227 | ng/ul | 100 |
| 30) Naphthalene | 10.663 | 128 | 637140 | 20.889 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.763 | 127 | 252036 | 19.060 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.951 | 225 | 115207 | 23.198 | ng/ul | 100 |
| 34) Caprolactam | 11.534 | 113 | 51637m | 16.102 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.886 | 107 | 181181 | 19.324 | ng/ul | 100 |

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Quant Title : SVOA CALIBRATION
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**Instrument :**
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SSTD020022

**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 10/01/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.269 | 142 | 400029 | 19.080 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.492 | 142 | 409731 | 19.342 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.639 | 216 | 209695 | 21.799 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.628 | 237 | 124341 | 18.802 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 12.881 | 196 | 124661 | 21.120 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 12.945 | 196 | 133722 | 20.844 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.280 | 154 | 518490 | 20.300 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.322 | 162 | 402598 | 20.554 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.522 | 65 | 128529 | 22.556 | ng/ul | 100 |
| 47) Dimethylphthalate | 13.904 | 163 | 478052 | 19.762 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.016 | 165 | 84825 | 19.216 | ng/ul | 100 |
| 50) Acenaphthylene | 14.169 | 152 | 633051 | 20.378 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.345 | 138 | 97436 | 18.905 | ng/ul | 100 |
| 52) Acenaphthene | 14.510 | 153 | 444385 | 20.135 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.545 | 184 | 42297 | 17.413 | ng/ul | 100 |
| 55) 4-Nitrophenol | 14.651 | 109 | 73974 | 18.621 | ng/ul | 100 |
| 56) Dibenzofuran | 14.845 | 168 | 599908 | 20.913 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.804 | 165 | 128727 | 20.250 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.069 | 232 | 108009 | 21.879 | ng/ul | 100 |
| 59) Diethylphthalate | 15.269 | 149 | 476451 | 18.615 | ng/ul | 100 |
| 61) Fluorene | 15.492 | 166 | 509369 | 20.346 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.492 | 204 | 237460 | 20.483 | ng/ul | 100 |
| 63) 4-Nitroaniline | 15.498 | 138 | 104973m | 20.583 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.563 | 198 | 73400 | 19.831 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 15.698 | 169 | 394682 | 20.497 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.380 | 248 | 126352 | 19.717 | ng/ul | 100 |
| 69) Hexachlorobenzene | 16.498 | 284 | 147908 | 20.200 | ng/ul | 100 |
| 70) Atrazine | 16.651 | 200 | 127563 | 18.858 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.839 | 266 | 85537 | 18.562 | ng/ul | 100 |
| 72) Phenanthrene | 17.227 | 178 | 732493 | 20.729 | ng/ul | 100 |
| 74) Anthracene | 17.316 | 178 | 749514 | 20.948 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.245 | 216 | 203075 | 22.545 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.769 | 250 | 196705 | 22.111 | ng/uL | 100 |
| 77) Carbazole | 17.580 | 167 | 667569 | 20.407 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.151 | 149 | 748700 | 17.752 | ng/ul | 100 |
| 80) Fluoranthene | 19.239 | 202 | 780484 | 19.302 | ng/ul | 100 |
| 82) Pyrene | 19.598 | 202 | 867709 | 20.134 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.492 | 149 | 301391 | 15.319 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.315 | 252 | 242209 | 17.403 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.392 | 228 | 817216 | 19.435 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.321 | 149 | 457951 | 15.350 | ng/ul | 100 |
| 87) Chrysene | 21.451 | 228 | 802391 | 20.683 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.456 | 149 | 714798 | 14.038 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.462 | 252 | 790982 | 19.332 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.527 | 252 | 793250 | 19.739 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.274 | 252 | 745862 | 19.843 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 27.809 | 276 | 950044 | 20.610 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 27.862 | 278 | 773064 | 20.597 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 28.862 | 276 | 746592 | 21.202 | ng/ul | 100 |

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

**Instrument :**
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