Quantitation Report (Qedit)

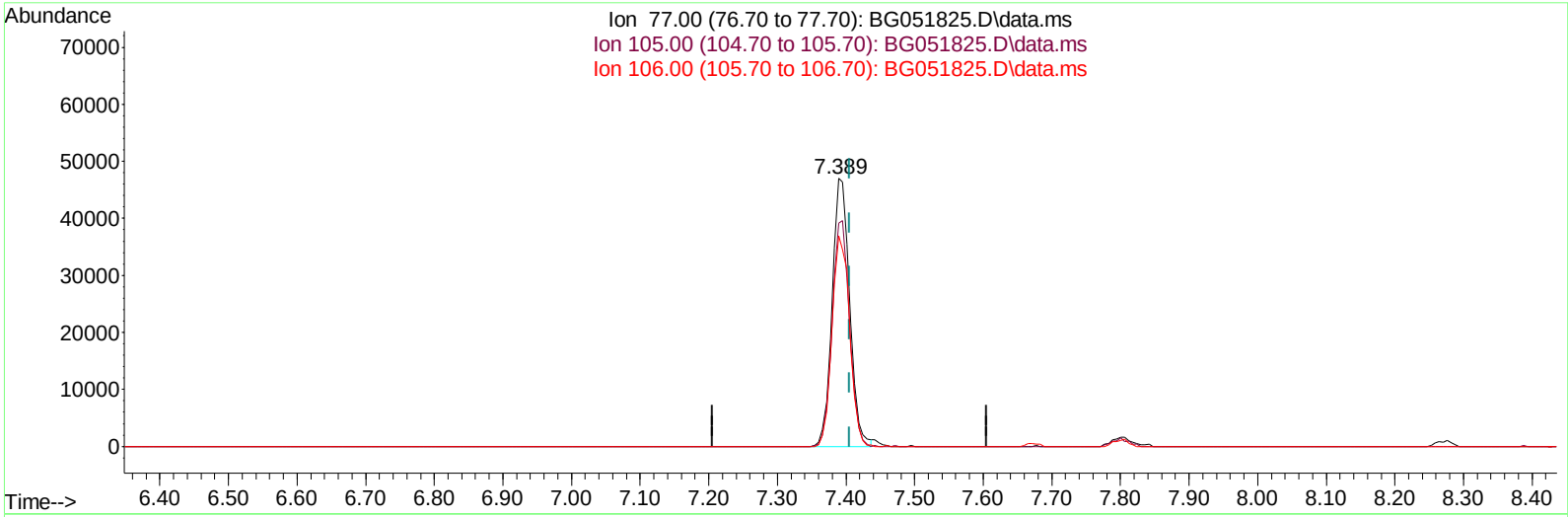
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051825.D
Acq On : 28 Dec 2021 6:49
Operator : CG/JU
Sample : PB141643BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

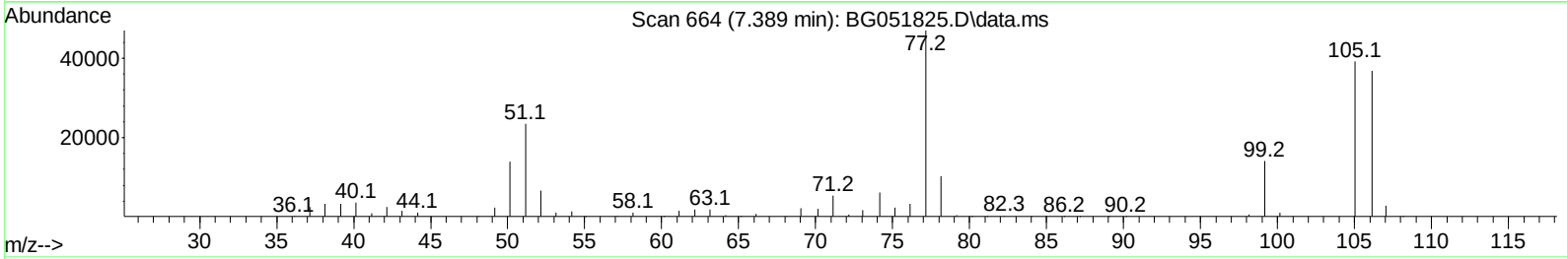
Quant Time: Dec 28 07:31:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

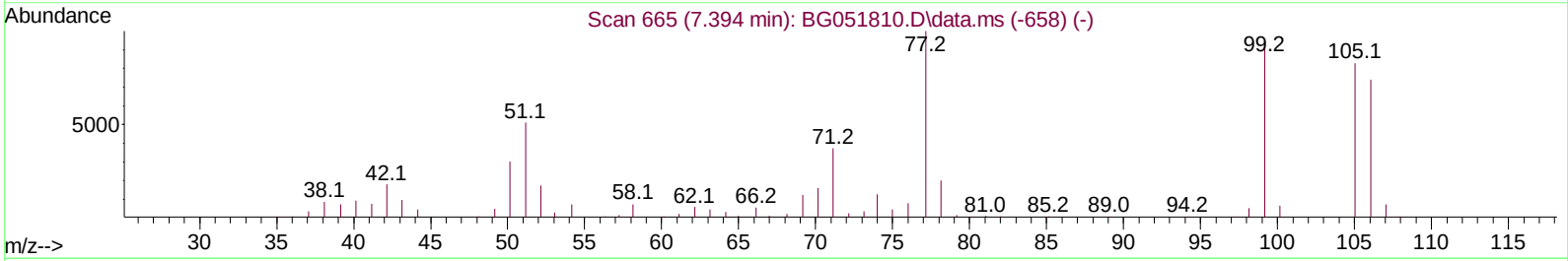
**Instrument :**
BNA_G
**ClientSampleId :**
SLCS643

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021




TIC: BG051825.D\data.ms

**(6) Benzaldehyde**

**7.389min (-0.016) 40.58 ng/ul**

**response 82941**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 88.00 | 83.36 |
| 106.00 | 76.50 | 78.53 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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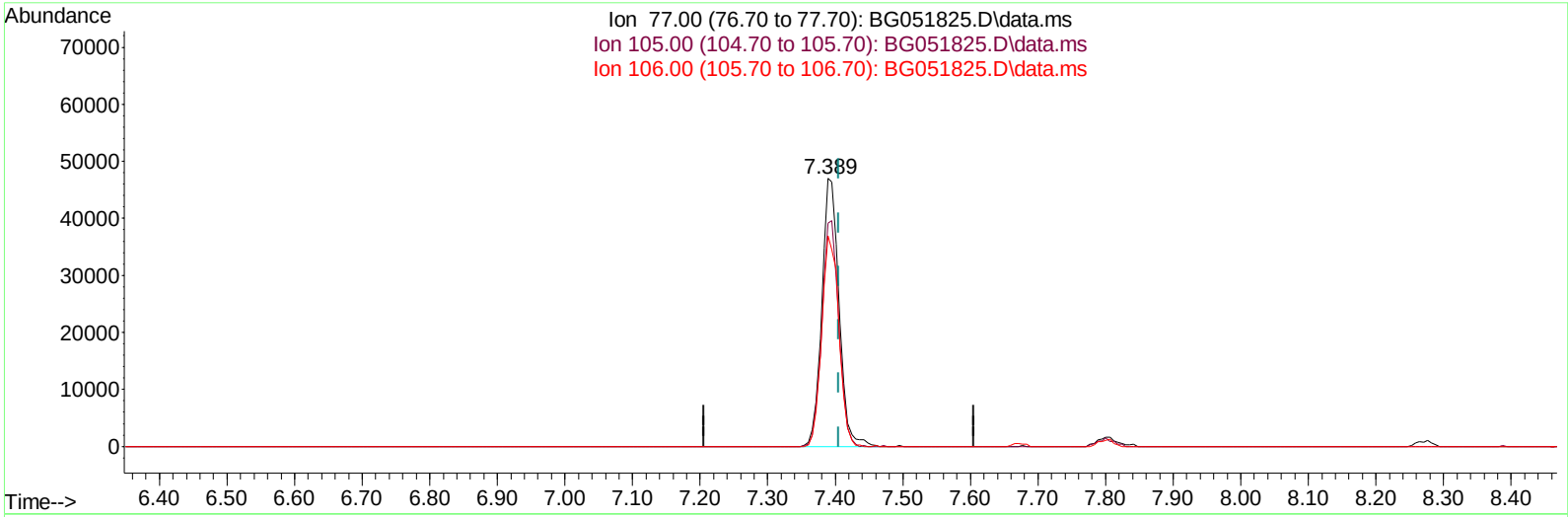


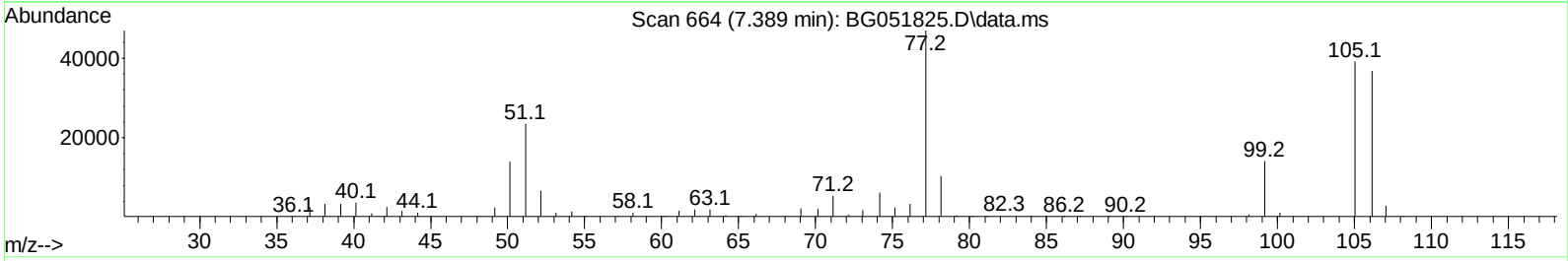


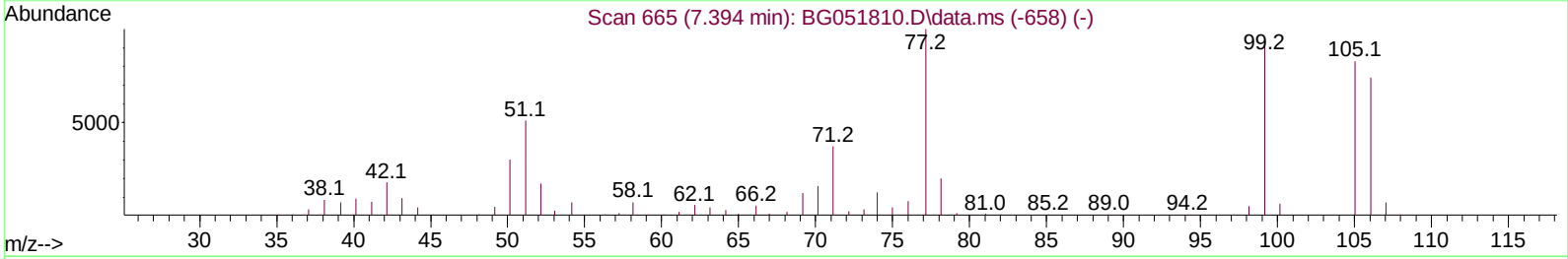


TIC: BG051825.D\data.ms

**(6) Benzaldehyde**

**7.389min (-0.016) 40.97 ng/ul m**

**response 83747**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 88.00 | 83.36 |
| 106.00 | 76.50 | 78.53 |
| 0.00 | 0.00 | 0.00 |

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

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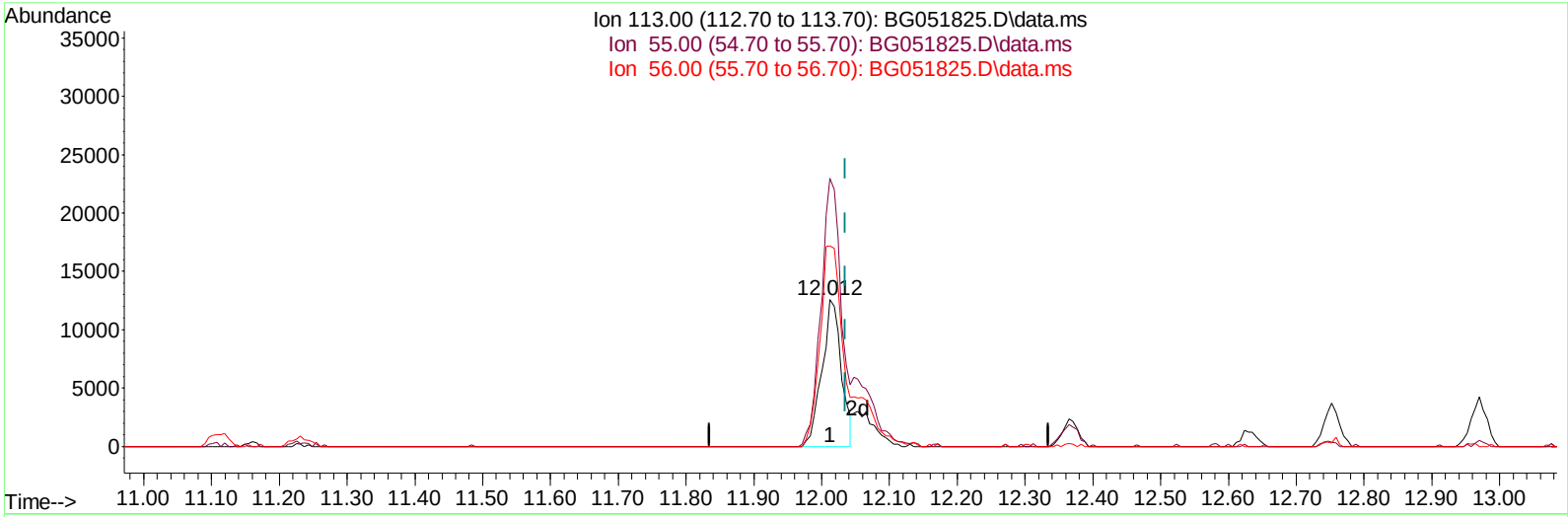


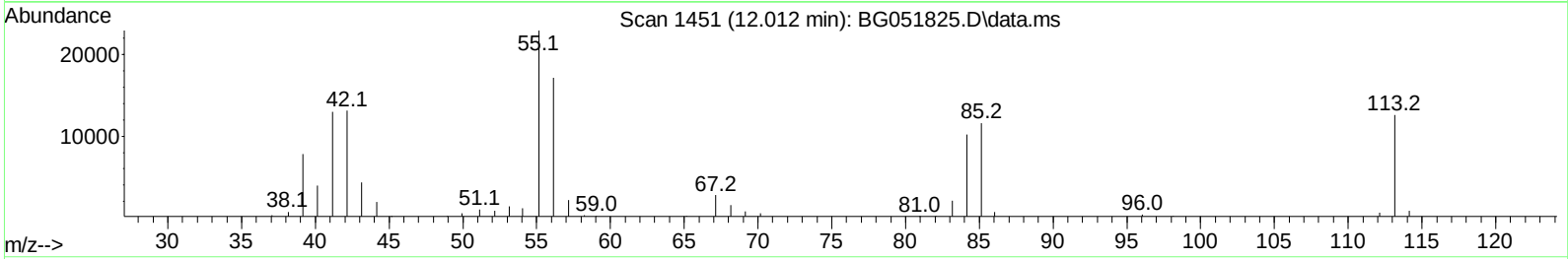


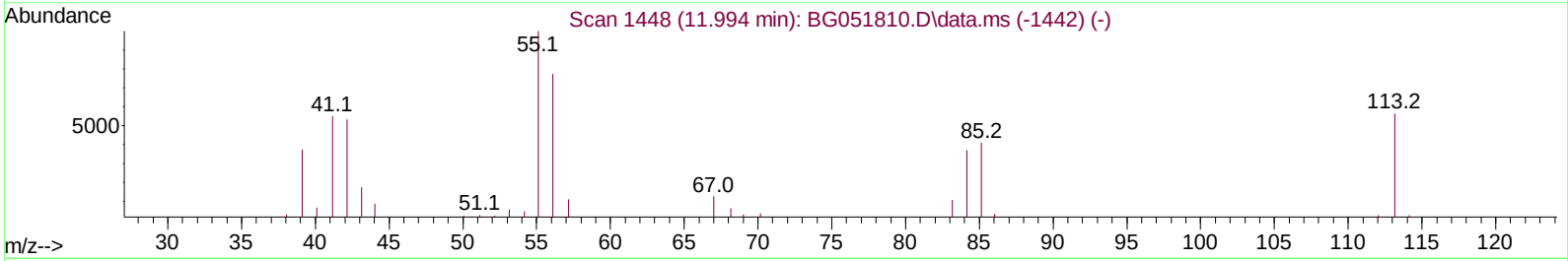


TIC: BG051825.D\data.ms

**(34) Caprolactam**

**12.012min (-0.022) 34.21 ng/ul**

**response 24793**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 183.80 | 182.64 |
| 56.00 | 136.50 | 136.70 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 28 Dec 2021 6:49
Operator : CG/JU
Sample : PB141643BS
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ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 28 07:31:45 2021
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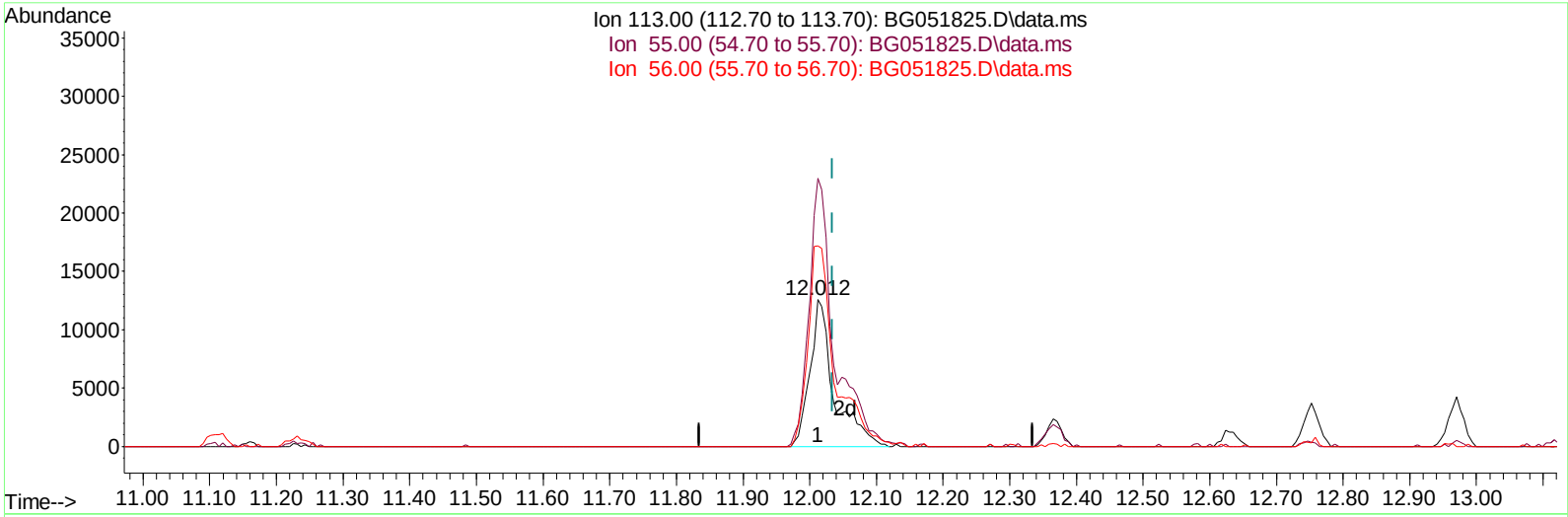
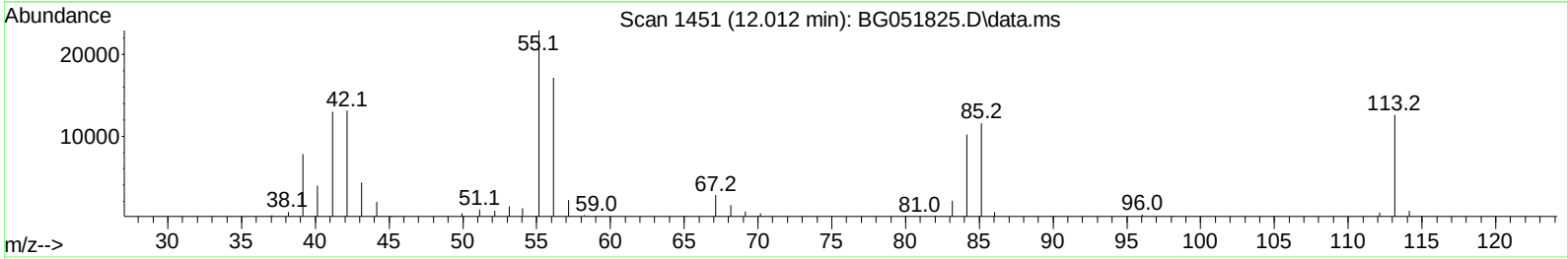
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

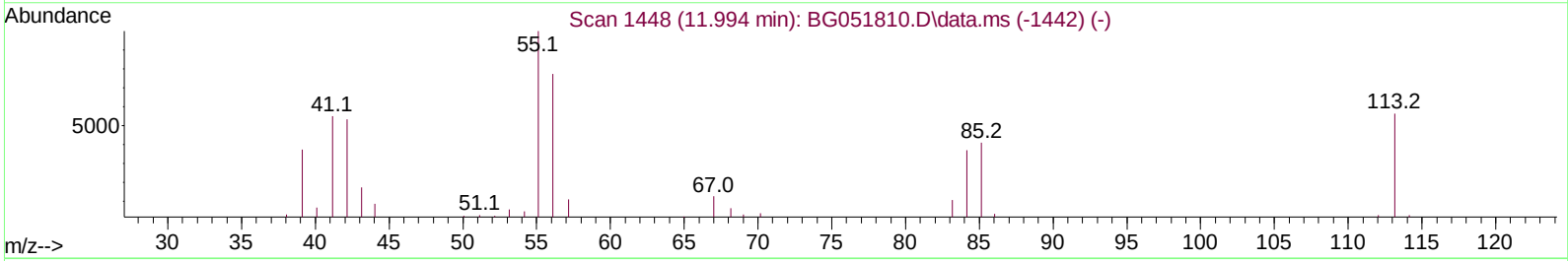
**Instrument :**
BNA_G
**ClientSampleId :**
SLCS643

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021




TIC: BG051825.D\data.ms

**(34) Caprolactam**

**12.012min (-0.022) 43.45 ng/ul m**

**response 31485**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 183.80 | 182.64 |
| 56.00 | 136.50 | 136.70 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

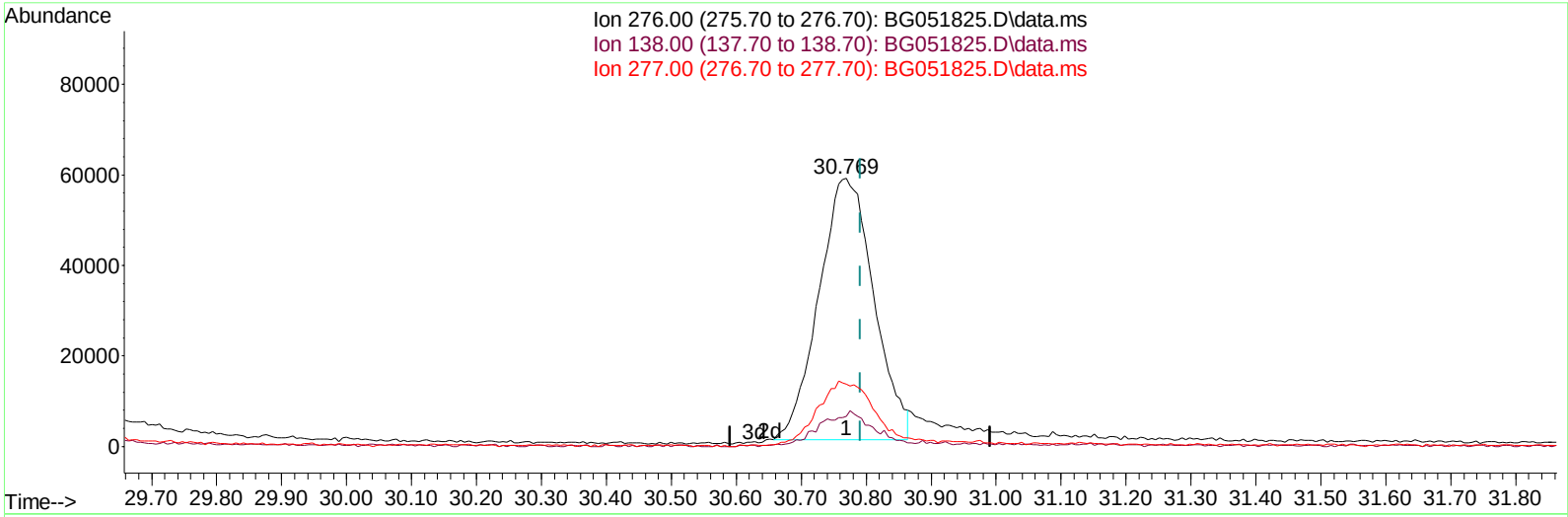
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051825.D
Acq On : 28 Dec 2021 6:49
Operator : CG/JU
Sample : PB141643BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

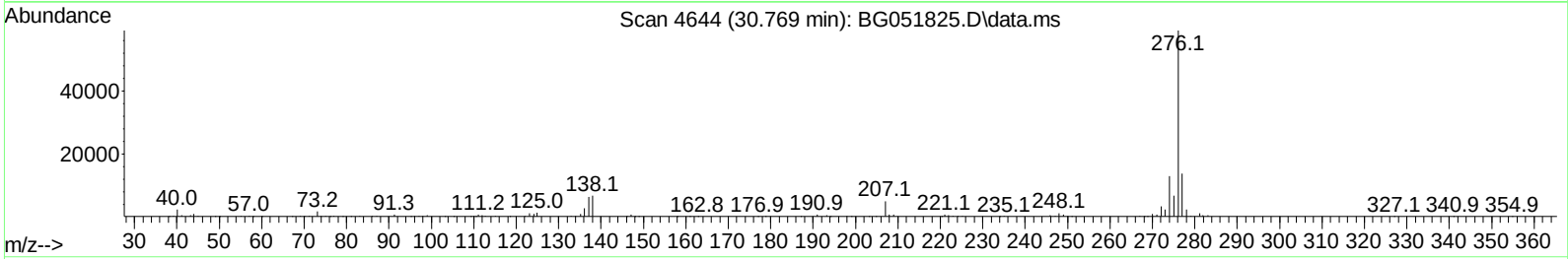
Quant Time: Dec 28 07:31:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

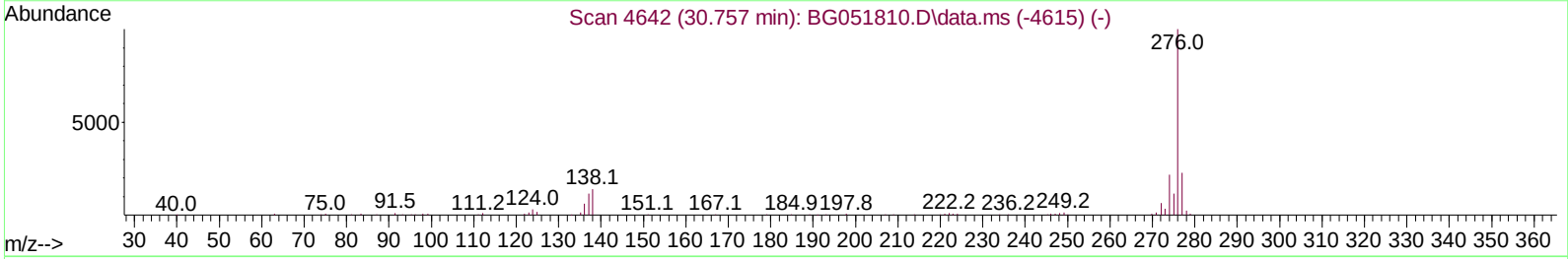
**Instrument :**
BNA_G
**ClientSampleId :**
SLCS643

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021




TIC: BG051825.D\data.ms

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

**30.769min (-0.022) 29.29 ng/ul**

**response 340219**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.70 | 11.32# |
| 277.00 | 22.00 | 23.26 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051825.D
Acq On : 28 Dec 2021 6:49
Operator : CG/JU
Sample : PB141643BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

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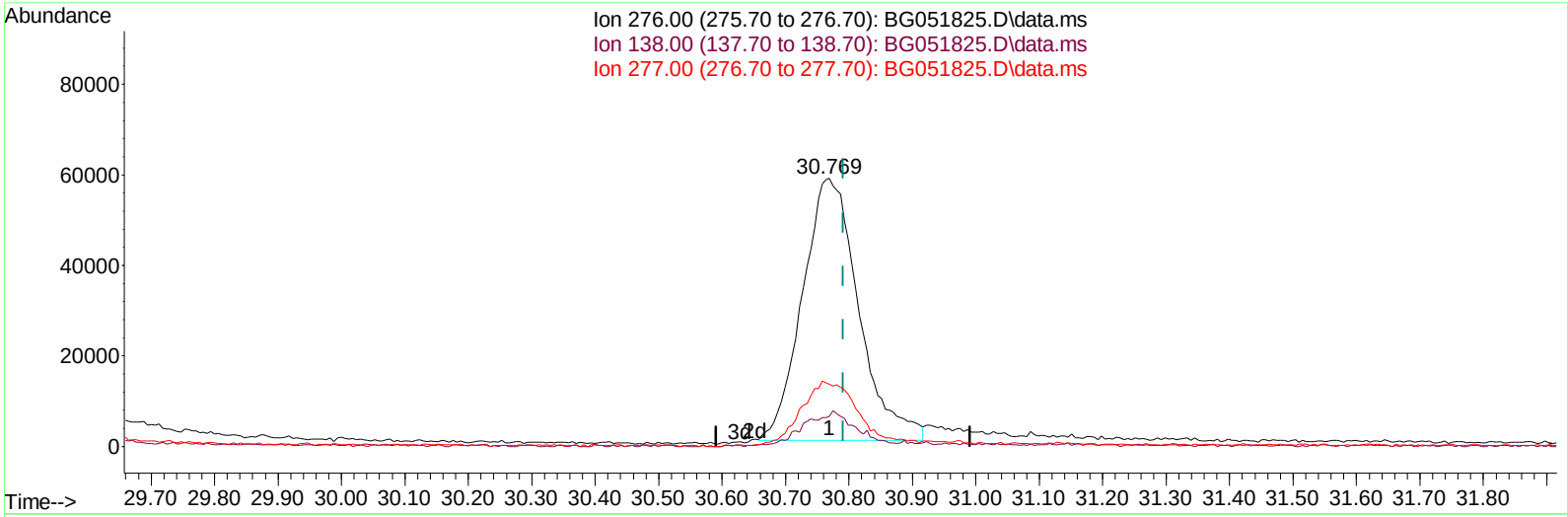
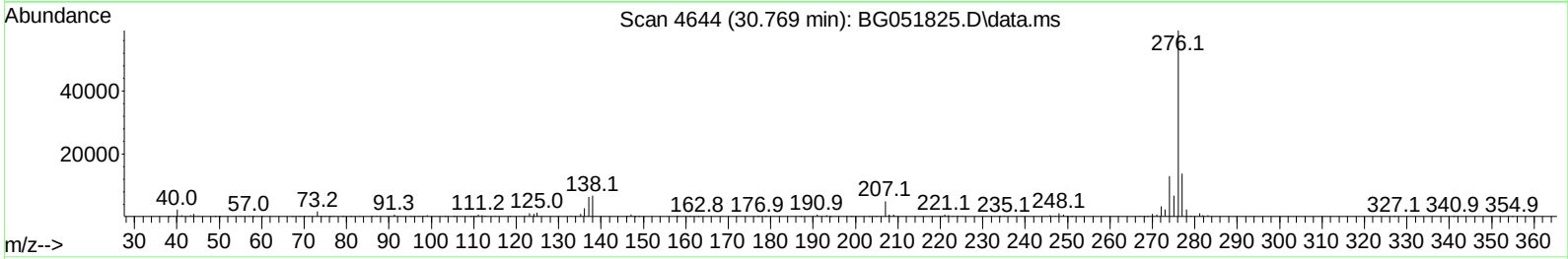
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

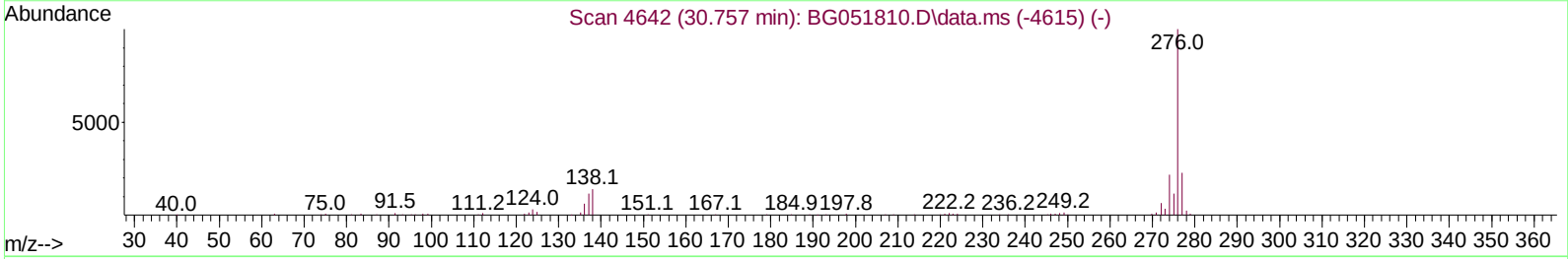
**Instrument :**
BNA_G
**ClientSampleId :**
SLCS643

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021




TIC: BG051825.D\data.ms

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

**30.769min (-0.022) 30.64 ng/ul m**

**response 355929**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.70 | 11.32# |
| 277.00 | 22.00 | 23.26 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051825.D
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Operator : CG/JU
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**Instrument :**
BNA_G
**ClientSampleId :**
SLCS643

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/28/2021
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.270 | 152 | 36692 | 20.000 | ng/ul | -0.02 |
| 20) Naphthalene-d8 | 11.108 | 136 | 144741 | 20.000 | ng/ul | -0.02 |
| 38) Acenaphthene-d10 | 14.908 | 164 | 99976 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.658 | 188 | 237704 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.981 | 240 | 208660 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 25.482 | 264 | 198606 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.600 | 96 | 6501 | 7.358 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.029 | 84 | 94044 | 35.230 | ng/ul | -0.02 |
| 7) Phenol-d5 | 7.413 | 99 | 127988 | 39.067 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.577 | 67 | 75757 | 38.898 | ng/ul | -0.02 |
| 11) 2-Chlorophenol-d4 | 7.800 | 132 | 89158 | 39.130 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.975 | 113 | 99188 | 39.168 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.445 | 128 | 44916 | 42.326 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 10.174 | 143 | 51012 | 43.974 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.720 | 165 | 100230 | 39.843 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 11.231 | 131 | 113254 | 34.193 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 14.298 | 166 | 305497 | 38.177 | ng/ul | -0.02 |
| 49) Acenaphthylene-d8 | 14.603 | 160 | 388268 | 39.068 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 15.085 | 143 | 46241 | 35.535 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.901 | 176 | 272403 | 37.996 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 16.001 | 200 | 49460 | 39.937 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.758 | 188 | 427666 | 37.716 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.031 | 212 | 504426 | 40.167 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 25.236 | 264 | 435443 | 41.670 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.641 | 88 | 13268 | 14.389 | ng/uL# | 86 |
| 5) Pyridine | 4.047 | 79 | 89741 | 33.510 | ng/ul | 92 |
| 6) Benzaldehyde | 7.389 | 77 | 83747m | 40.972 | ng/ul | |
| 8) Phenol | 7.436 | 94 | 126523 | 38.839 | ng/ul | 90 |
| 10) Bis(2-Chloroethyl)ether | 7.671 | 93 | 87847 | 35.348 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.830 | 128 | 89973 | 38.495 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.711 | 108 | 90269 | 36.726 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.793 | 45 | 127267 | 37.753 | ng/ul | 99 |
| 16) Acetophenone | 9.099 | 105 | 142290 | 35.771 | ng/ul | 93 |
| 17) N-Nitroso-di-n-propyla... | 9.081 | 70 | 84105 | 35.237 | ng/ul | 96 |
| 18) 4-Methylphenol | 9.040 | 108 | 97738 | 37.729 | ng/ul | 90 |
| 19) Hexachloroethane | 9.375 | 117 | 34075 | 33.412 | ng/ul# | 75 |
| 22) Nitrobenzene | 9.486 | 77 | 127862 | 41.425 | ng/ul# | 97 |
| 23) Isophorone | 10.015 | 82 | 231591 | 37.374 | ng/ul | 99 |
| 25) 2-Nitrophenol | 10.203 | 139 | 52911 | 42.670 | ng/ul | 90 |
| 26) 2,4-Dimethylphenol | 10.256 | 107 | 107784 | 36.077 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.491 | 93 | 120897 | 36.742 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.749 | 162 | 92441 | 38.621 | ng/ul | 96 |
| 30) Naphthalene | 11.161 | 128 | 286152 | 36.696 | ng/ul | 98 |
| 32) 4-Chloroaniline | 11.260 | 127 | 112515 | 33.267 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.448 | 225 | 70825 | 34.853 | ng/ul | 99 |
| 34) Caprolactam | 12.012 | 113 | 31485m | 43.447 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.365 | 107 | 105059 | 39.173 | ng/ul | 97 |

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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.753 | 142 | 202756 | 36.446 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.970 | 142 | 208837 | 36.154 | ng/ul# | 96 |
| 39) 1,2,4,5-Tetrachloroben... | 13.117 | 216 | 132800 | 38.188 | ng/ul | 95 |
| 40) Hexachlorocyclopentadiene | 13.099 | 237 | 73826 | 29.239 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 13.346 | 196 | 84276 | 40.034 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 13.422 | 196 | 91368 | 41.413 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.745 | 154 | 283944 | 37.077 | ng/ul | 94 |
| 44) 2-Chloronaphthalene | 13.792 | 162 | 223578 | 37.762 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.980 | 65 | 86601 | 47.880 | ng/ul | 94 |
| 47) Dimethylphthalate | 14.345 | 163 | 289080 | 37.211 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.468 | 165 | 64193 | 43.224 | ng/ul | 91 |
| 50) Acenaphthylene | 14.632 | 152 | 358297 | 36.849 | ng/ul | 97 |
| 51) 3-Nitroaniline | 14.797 | 138 | 57011 | 40.146 | ng/ul | 89 |
| 52) Acenaphthene | 14.973 | 153 | 239596 | 37.299 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 15.002 | 184 | 26163 | 30.475 | ng/ul | 91 |
| 55) 4-Nitrophenol | 15.096 | 109 | 49301 | 35.312 | ng/ul | 86 |
| 56) Dibenzofuran | 15.308 | 168 | 344480 | 36.414 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 15.255 | 165 | 90765 | 43.120 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.525 | 232 | 81059 | 38.659 | ng/ul | 92 |
| 59) Diethylphthalate | 15.702 | 149 | 294577 | 36.400 | ng/ul | 98 |
| 61) Fluorene | 15.954 | 166 | 281983 | 36.176 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.936 | 204 | 158814 | 36.579 | ng/ul | 92 |
| 63) 4-Nitroaniline | 15.960 | 138 | 54469 | 37.399 | ng/ul# | 84 |
| 66) 4,6-Dinitro-2-methylph... | 16.019 | 198 | 46951 | 38.603 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 16.148 | 169 | 246836 | 38.607 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.835 | 248 | 109336 | 45.166 | ng/ul# | 86 |
| 69) Hexachlorobenzene | 16.965 | 284 | 117942 | 38.771 | ng/ul# | 90 |
| 70) Atrazine | 17.094 | 200 | 97865 | 34.112 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.299 | 266 | 59379 | 31.858 | ng/ul | 97 |
| 72) Phenanthrene | 17.699 | 178 | 455890 | 37.288 | ng/ul | 98 |
| 74) Anthracene | 17.793 | 178 | 450250 | 36.453 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.716 | 216 | 137751 | 37.669 | ng/uL | 98 |
| 76) Pentachlorobenzene | 15.232 | 250 | 137196 | 39.245 | ng/uL | 99 |
| 77) Carbazole | 18.051 | 167 | 403587 | 36.490 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.598 | 149 | 491524 | 36.928 | ng/ul | 99 |
| 80) Fluoranthene | 19.696 | 202 | 564546 | 39.164 | ng/ul# | 92 |
| 82) Pyrene | 20.060 | 202 | 544045 | 38.137 | ng/ul# | 90 |
| 83) Butylbenzylphthalate | 20.930 | 149 | 205970 | 43.053 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.858 | 252 | 143075 | 29.094 | ng/ul# | 96 |
| 85) Benzo(a)anthracene | 21.958 | 228 | 534448 | 39.369 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.840 | 149 | 286390 | 42.737 | ng/ul# | 99 |
| 87) Chrysene | 22.028 | 228 | 510616 | 38.933 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 23.150 | 149 | 477183 | 44.608 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.360 | 252 | 537173 | 40.380 | ng/ul# | 95 |
| 91) Benzo(k)fluoranthene | 24.431 | 252 | 494812 | 39.719 | ng/ul# | 96 |
| 93) Benzo(a)pyrene | 25.312 | 252 | 488837 | 38.936 | ng/ul# | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 29.506 | 276 | 446926 | 32.606 | ng/ul# | 92 |
| 95) Dibenzo(a,h)anthracene | 29.577 | 278 | 358856 | 30.654 | ng/ul# | 93 |
| 96) Benzo(g,h,i)perylene | 30.769 | 276 | 355929m | 30.643 | ng/ul | |

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

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS643

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051825.D
Acq On : 28 Dec 2021 6:49
Operator : CG/JU
Sample : PB141643BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 28 07:31:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS643

**Manual IntegrationsAPPROVED**

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