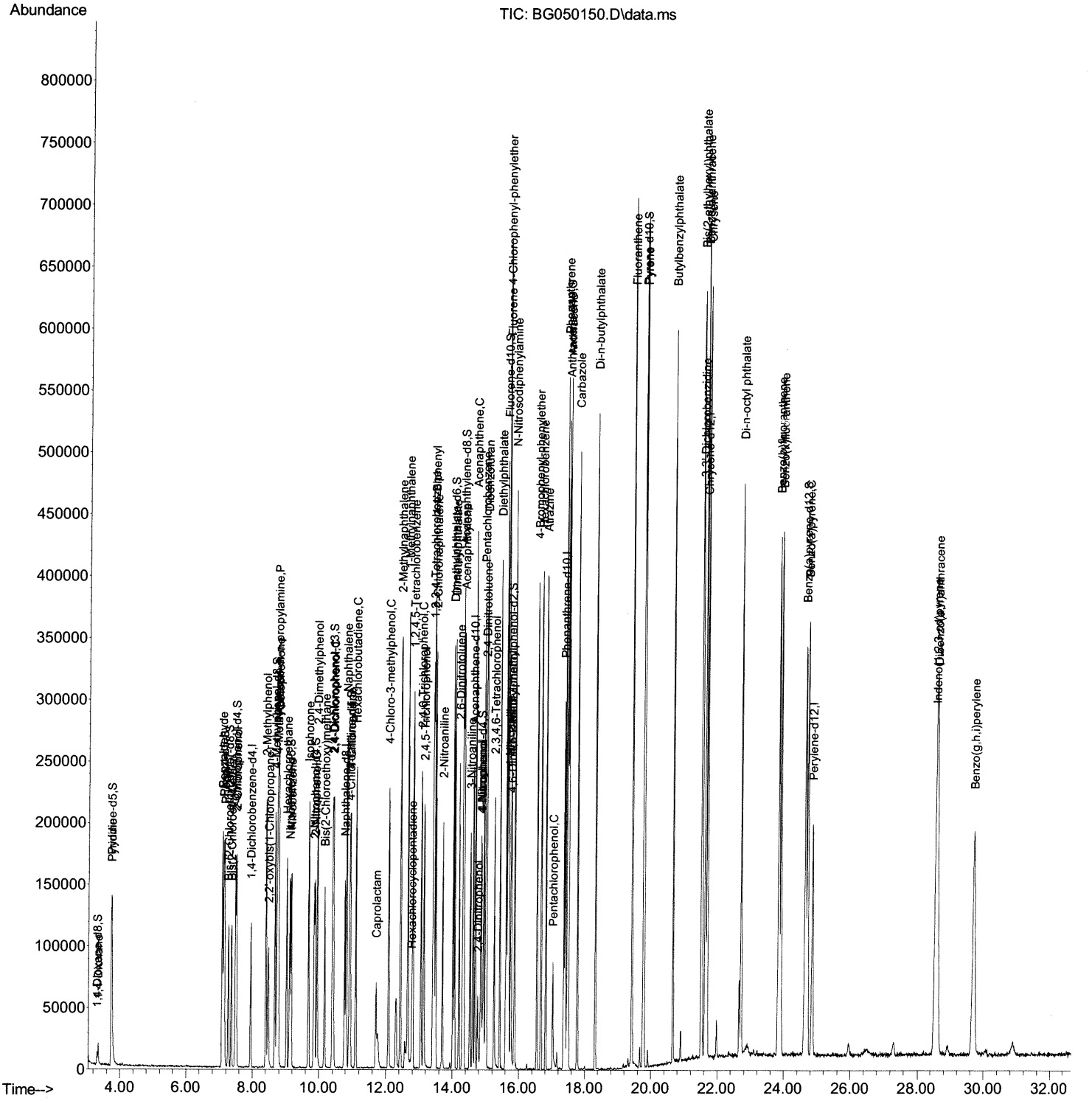
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050150.D
Acq On : 4 Sep 2021 4:33
Operator : CG/JU
Sample : PB138871BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Sep 04 06:00:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS871

**Manual Integrations APPROVED**
mohammad
9/7/2021 11:34:31 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
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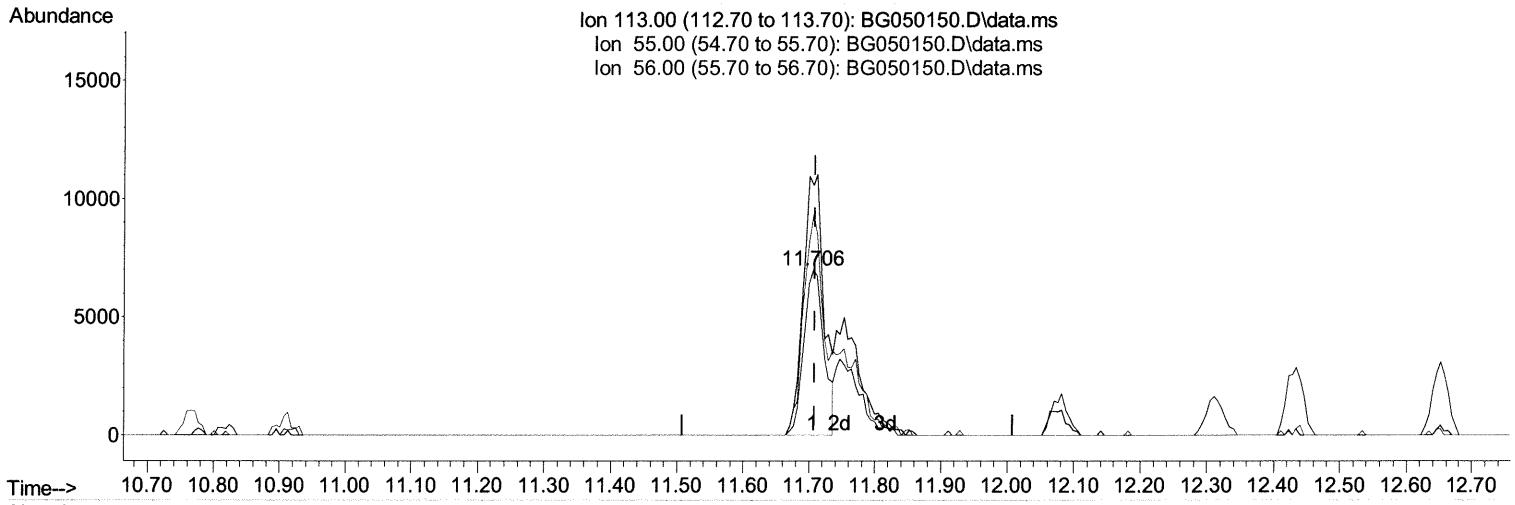


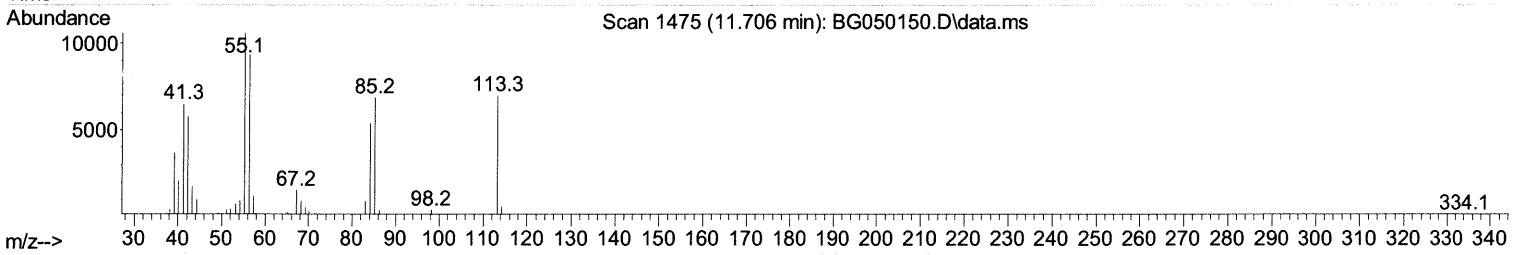


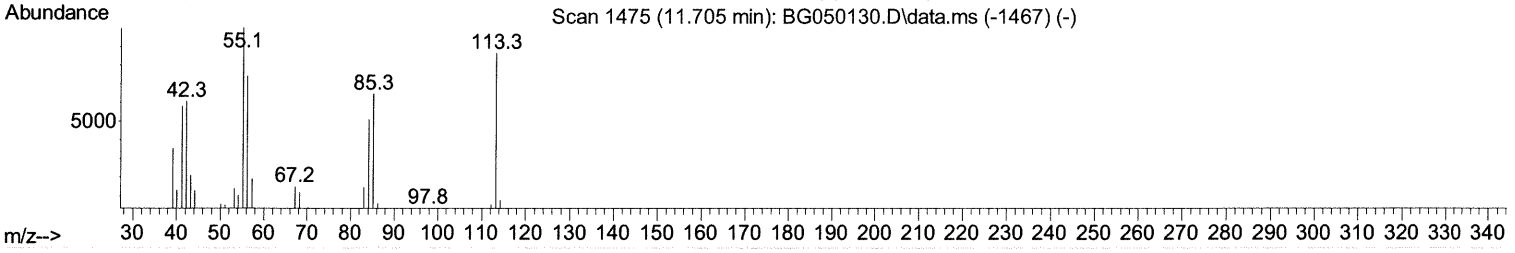


TIC: BG050150.D\data.ms

**(34) Caprolactam**

**11.706min (-0.003) 21.11 ng/ul**

**response 14874**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 142.50 | 151.14 |
| 56.00 | 134.20 | 133.63 |
| 0.00 | 0.00 | 0.00 |

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BNA_G
**ClientSampleId :**
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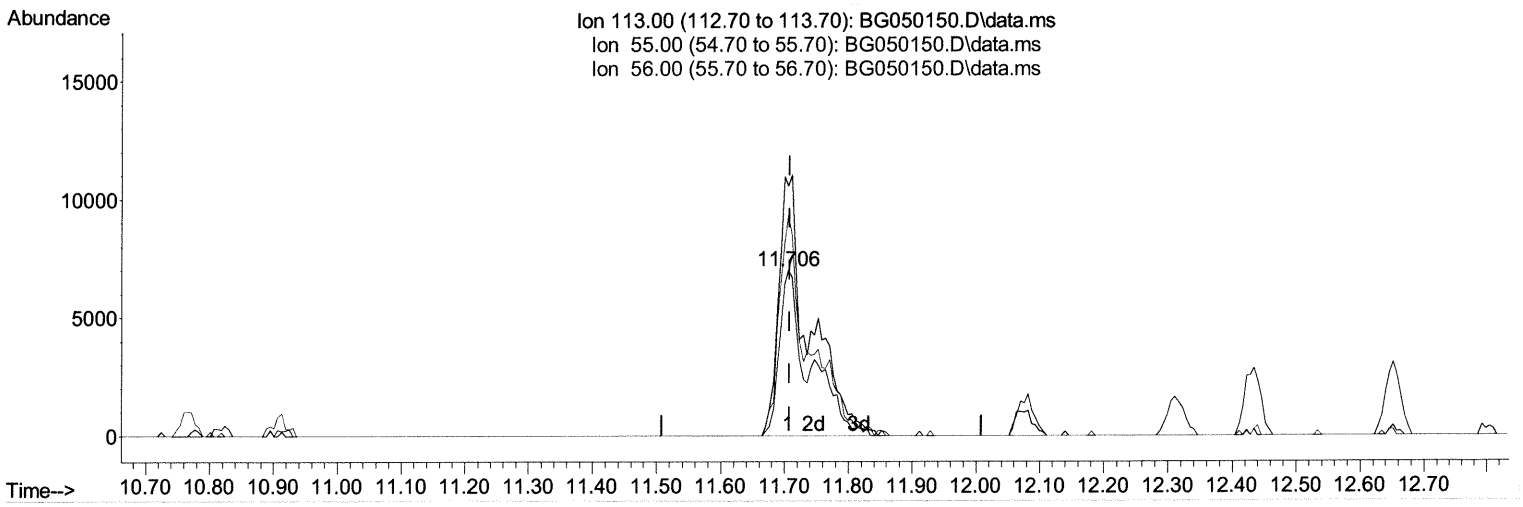
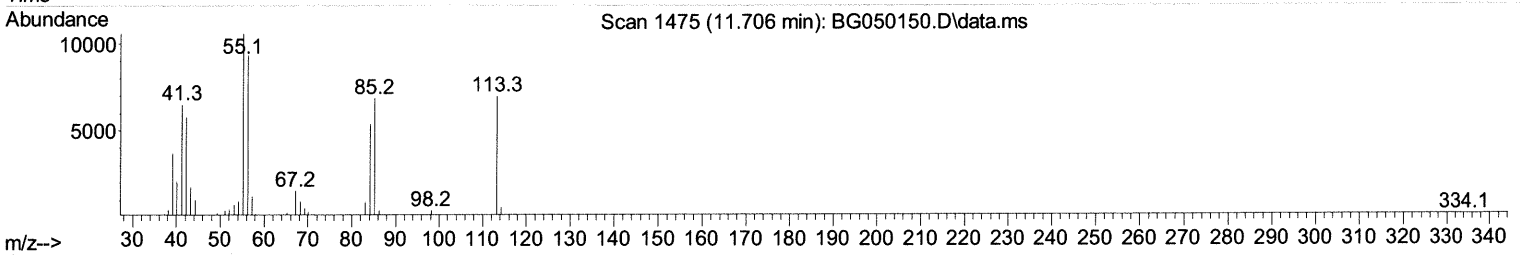
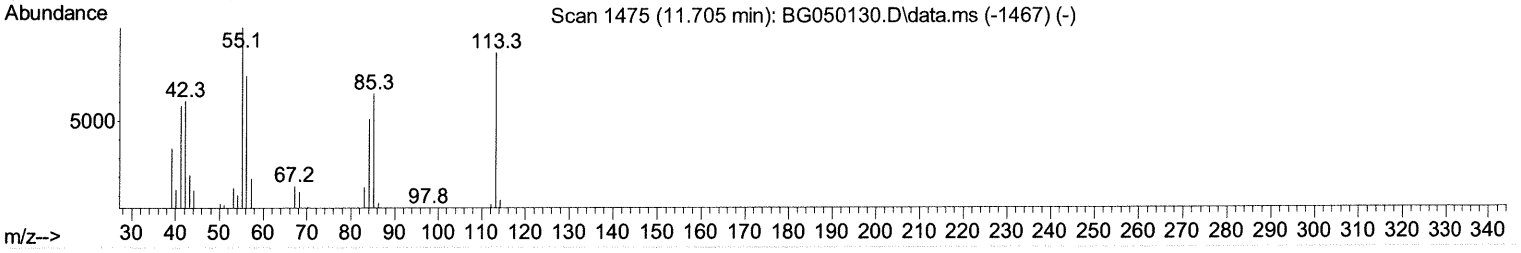
**Manual Integrations APPROVED**
mohammad
9/7/2021 11:34:31 AM




TIC: BG050150.D\data.ms

**(34) Caprolactam**

**11.706min (-0.003) 32.91 ng/ul m** JU 9/8/21

**response 23182**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 142.50 | 151.14 |
| 56.00 | 134.20 | 133.63 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Misc :
ALS Vial : 52 Sample Multiplier: 1

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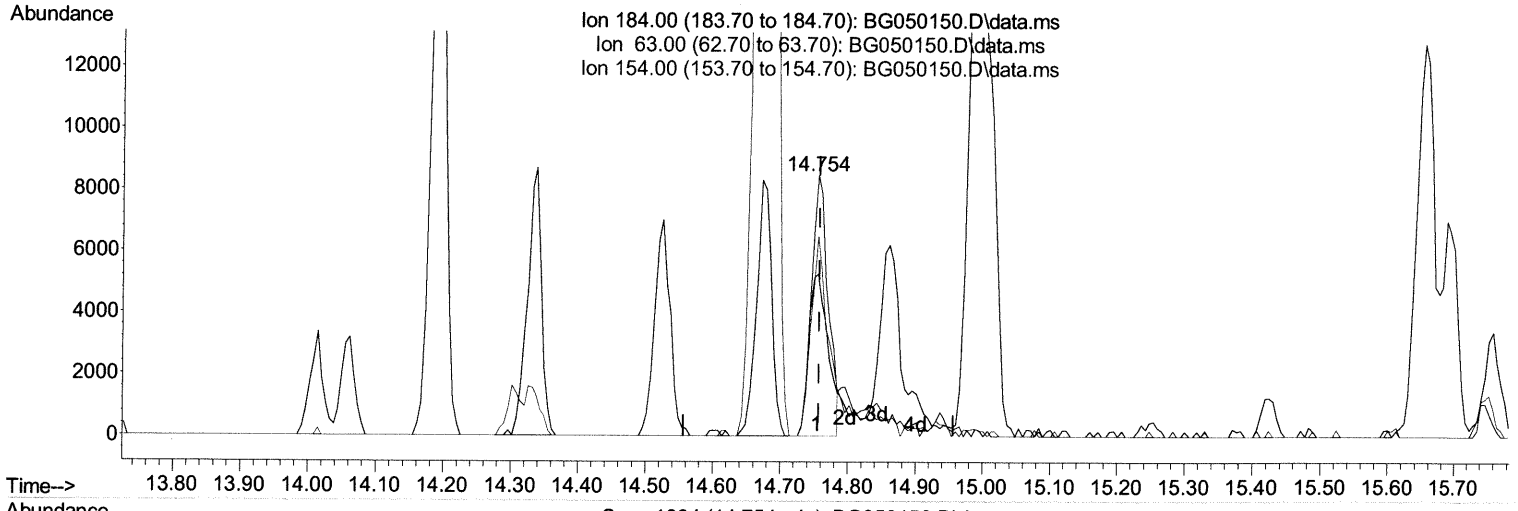
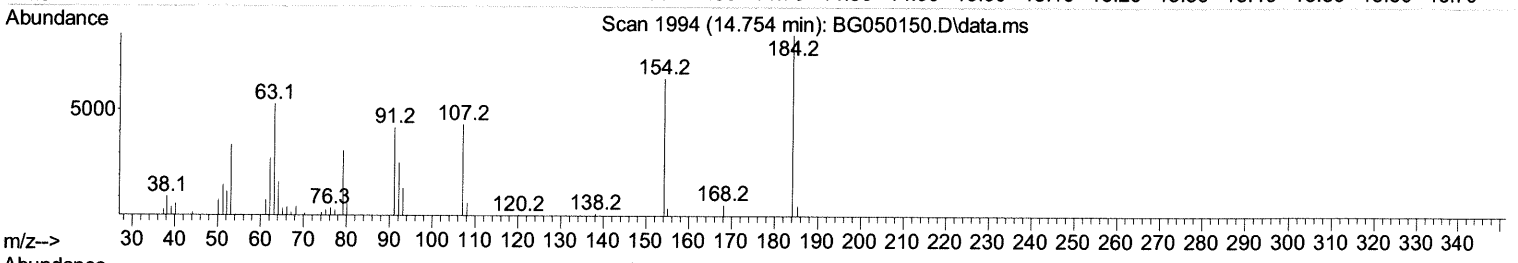
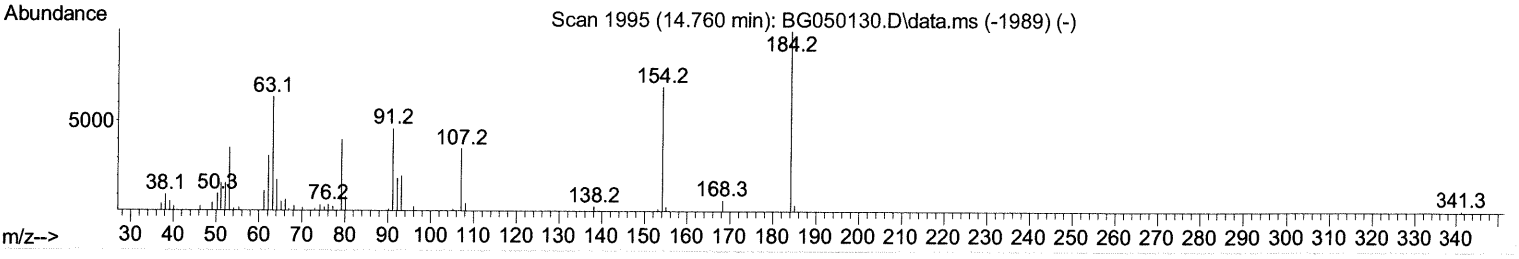
**Instrument :**
BNA_G
**ClientSampleId :**
SLCS871

**Manual Integrations APPROVED**
mohammad
9/7/2021 11:34:31 AM




TIC: BG050150.D\data.ms

**(53) 2,4-Dinitrophenol**

**14.754min (-0.003) 21.15 ng/ul**

**response 14726**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 63.00 | 94.80 | 62.24# |
| 154.00 | 80.70 | 76.41 |
| 0.00 | 0.00 | 0.00 |

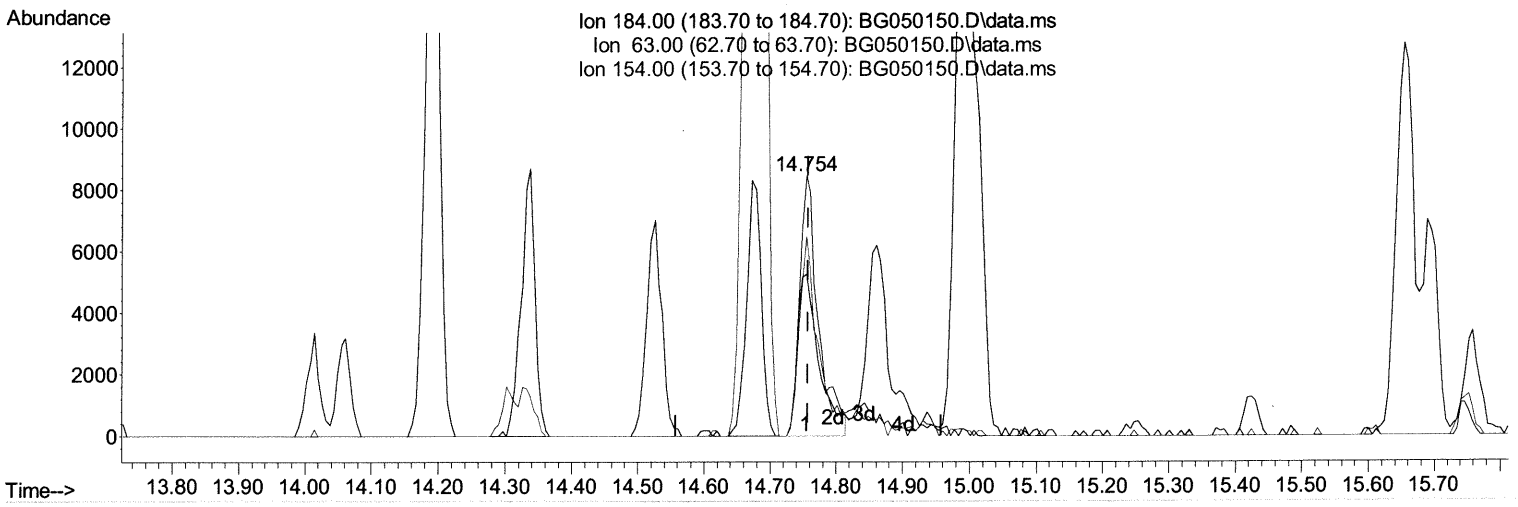
Quantitation Report (Qedit)

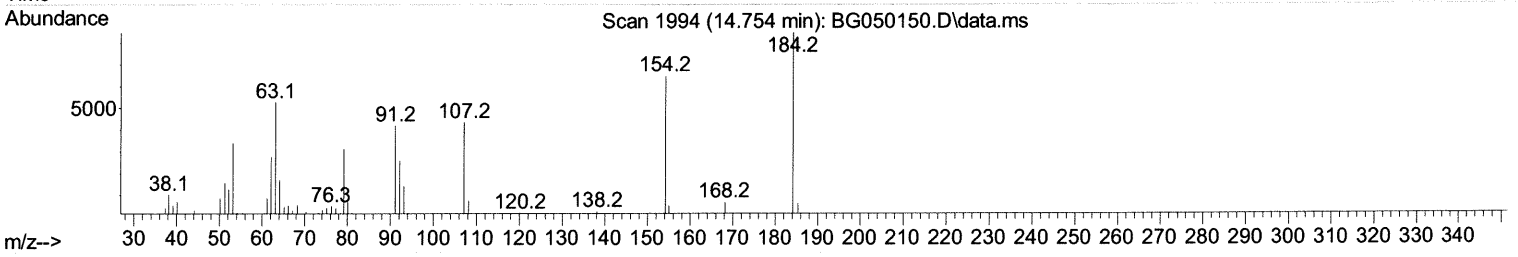
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050150.D
Acq On : 4 Sep 2021 4:33
Operator : CG/JU
Sample : PB138871BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

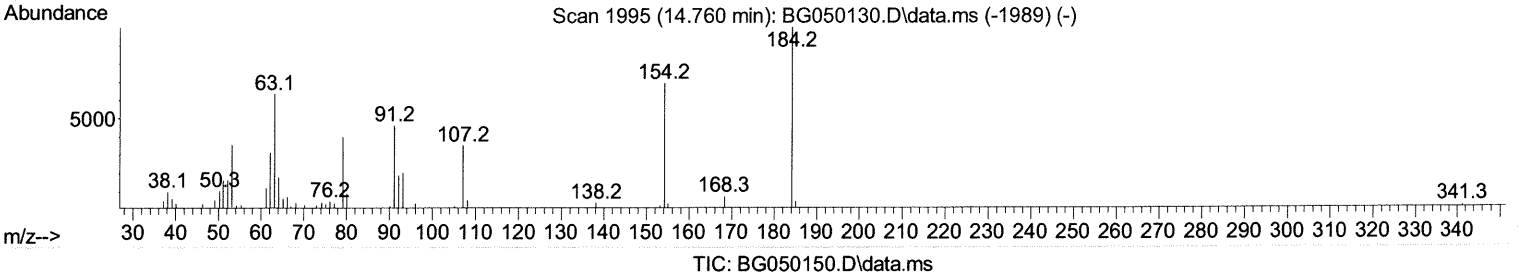
Quant Time: Sep 04 06:00:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS871

**Manual Integrations APPROVED**
mohammad
9/7/2021 11:34:31 AM




TIC: BG050150.D\data.ms

**(53) 2,4-Dinitrophenol**

**14.754min (-0.003) 24.18 ng/ul m** JU 9/8/21

**response 16831**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 63.00 | 94.80 | 62.24# |
| 154.00 | 80.70 | 76.41 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Data File : BG050150.D
Acq On : 4 Sep 2021 4:33
Operator : CG/JU
Sample : PB138871BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Sep 04 06:00:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS871

**Manual Integrations APPROVED**
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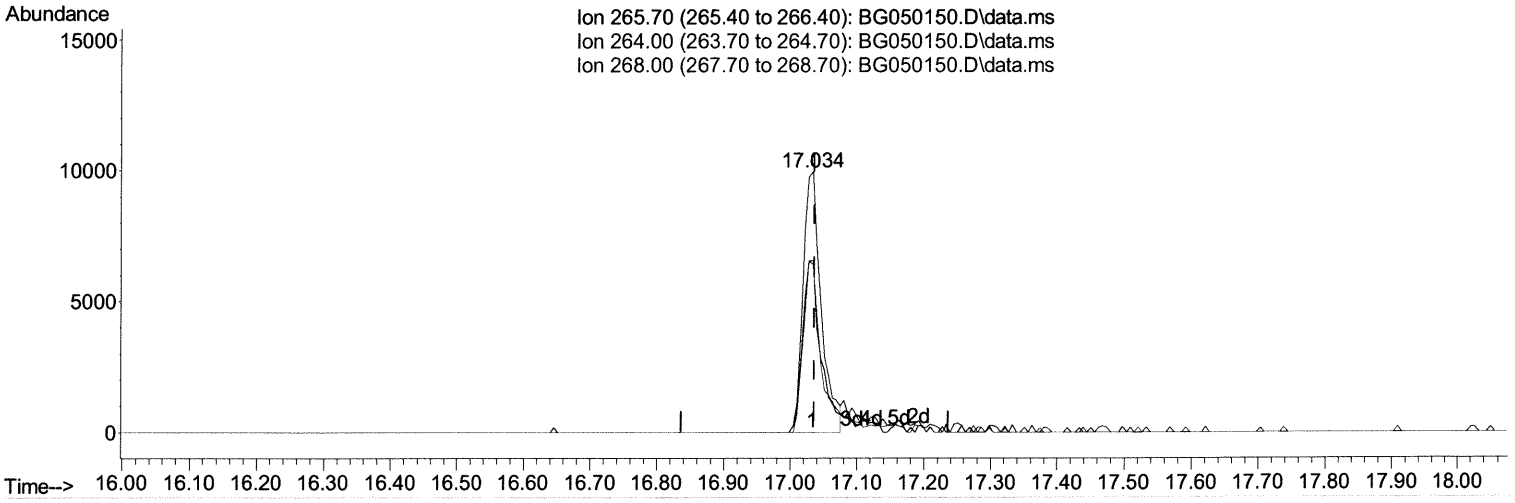
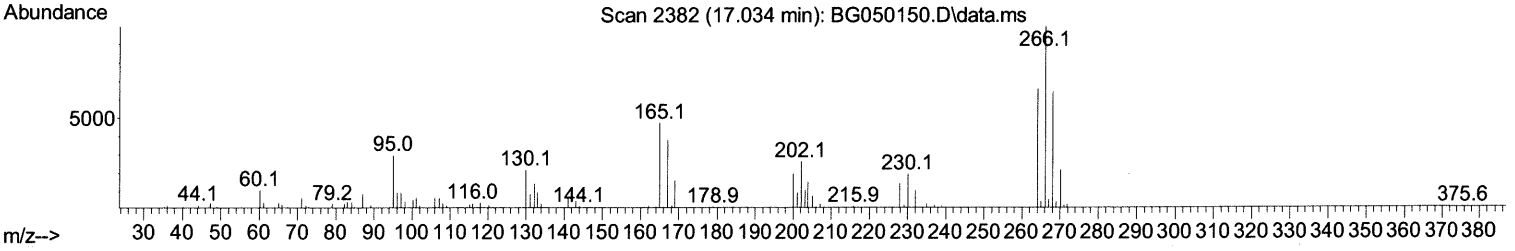
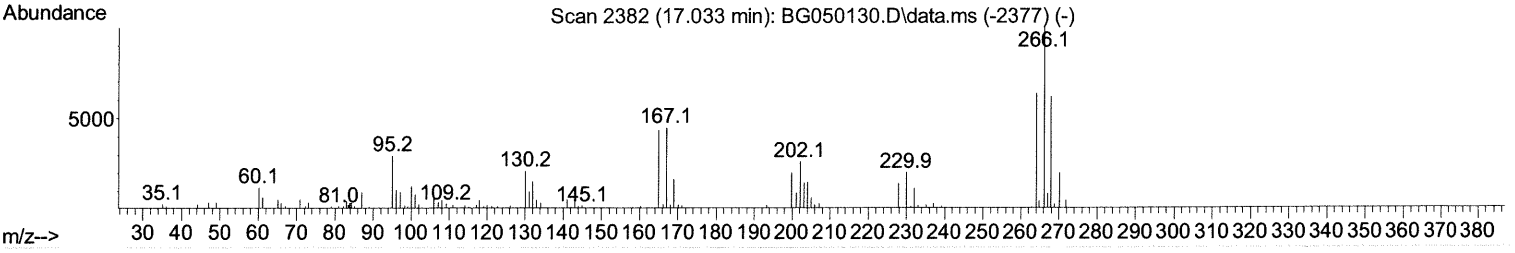
9/7/2021 11:34:31 AM




TIC: BG050150.D\data.ms

**(71) Pentachlorophenol (C)**

**17.034min (-0.003) 18.44 ng/ul**

**response 18942**

| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 67.60 | 66.01 |
| 268.00 | 65.70 | 64.61 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
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Operator : CG/JU
Sample : PB138871BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Sep 04 06:00:07 2021
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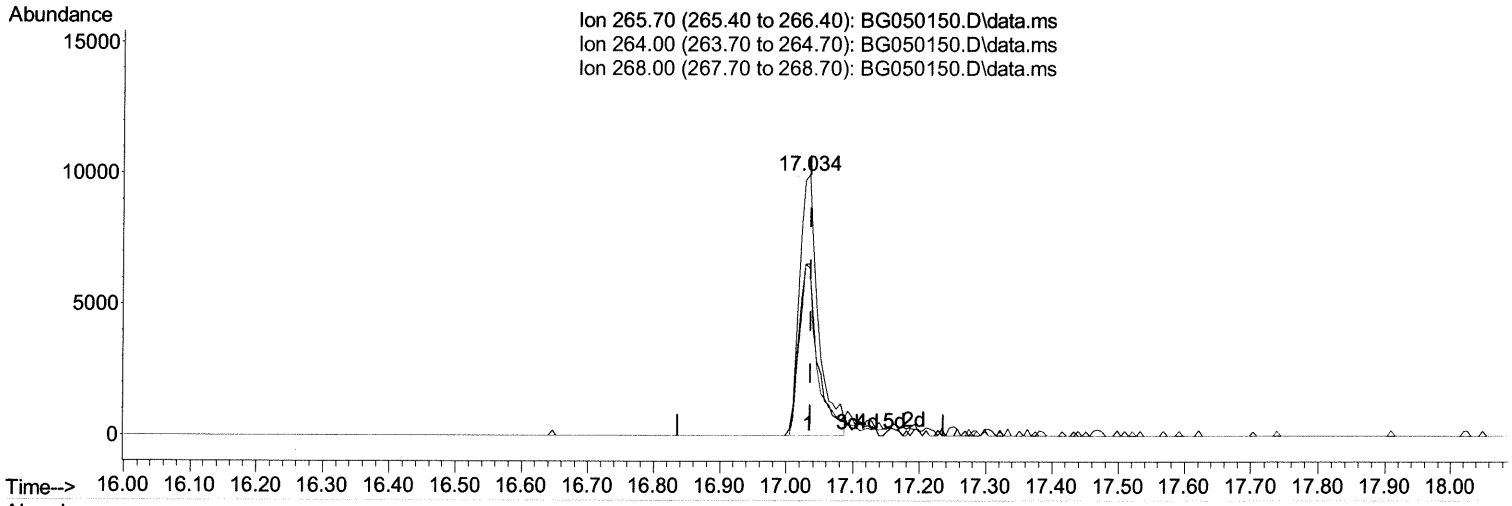
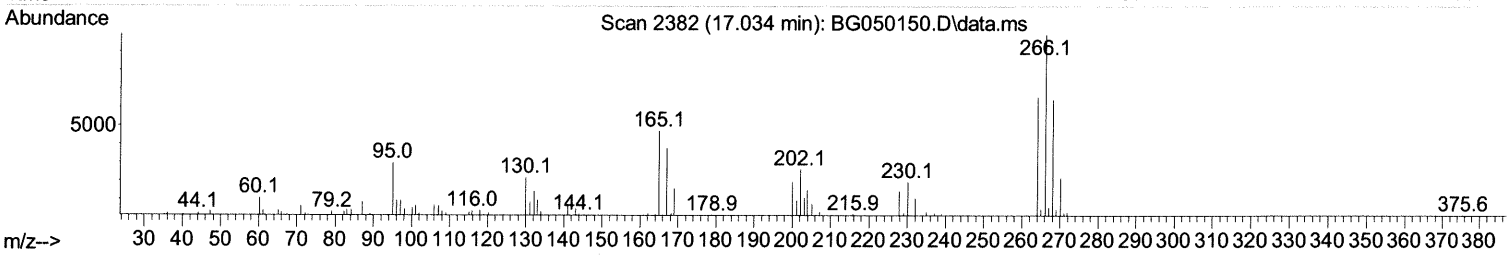
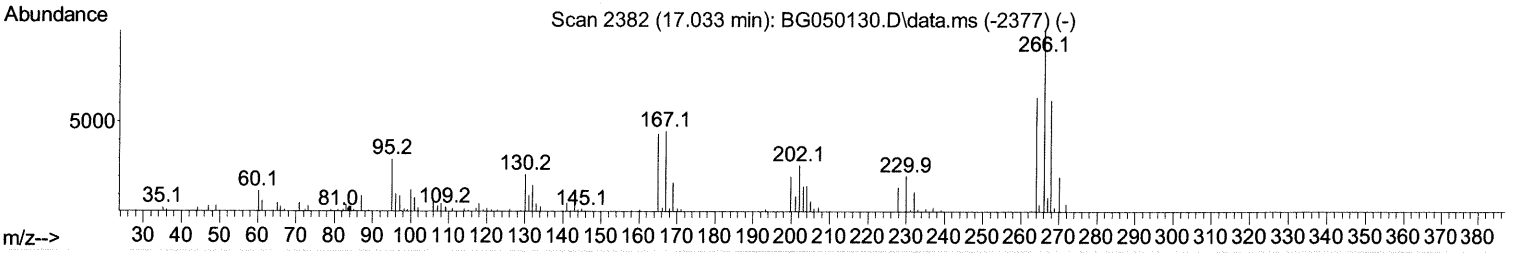
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS871

**Manual Integrations APPROVED**
mohammad
9/7/2021 11:34:31 AM




TIC: BG050150.D\data.ms

**(71) Pentachlorophenol (C)**

**17.034min (-0.003) 19.08 ng/ul m** JA 9/8/21

**response 19597**

| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 67.60 | 66.01 |
| 268.00 | 65.70 | 64.61 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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**Manual Integrations APPROVED**
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9/7/2021 11:34:31 AM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.946 | 152 | 32343 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.766 | 136 | 133068 | 20.000 | ng/ul | #-0.01 |
| 38) Acenaphthene-d10 | 14.613 | 164 | 87162 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.363 | 188 | 189868 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.639 | 240 | 194991 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.852 | 264 | 200085 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.305 | 96 | 4718 | 7.522 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.734 | 84 | 70536 | 37.336 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.123 | 99 | 98594 | 35.899 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.270 | 67 | 53975 | 35.374 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.482 | 132 | 74687 | 36.344 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.674 | 113 | 74786 | 34.576 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.127 | 128 | 35827 | 34.728 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.849 | 143 | 44096 | 35.897 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.401 | 165 | 77951 | 35.577 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.907 | 131 | 89195 | 29.909 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 14.014 | 166 | 237201 | 35.559 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.308 | 160 | 284780 | 36.411 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.848 | 143 | 27859 | 28.866 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.606 | 176 | 199276 | 35.234 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.747 | 200 | 40282 | 32.977 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.468 | 188 | 309096 | 36.253 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.759 | 212 | 377767 | 35.851 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.635 | 264 | 372651 | 35.106 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.340 | 88 | 11100 | 14.517 | ng/uL | 92 |
| 5) Pyridine | 3.752 | 79 | 71445 | 34.990 | ng/ul# | 87 |
| 6) Benzaldehyde | 7.082 | 77 | 69215 | 43.794 | ng/ul | 94 |
| 8) Phenol | 7.153 | 94 | 96884 | 34.925 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.364 | 93 | 67288 | 35.137 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.511 | 128 | 71566 | 35.243 | ng/ul# | 80 |
| 13) 2-Methylphenol | 8.404 | 108 | 73684 | 34.429 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.480 | 45 | 69803 | 34.760 | ng/ul# | 97 |
| 16) Acetophenone | 8.780 | 105 | 118166 | 33.499 | ng/ul# | 94 |
| 17) N-Nitroso-di-n-propyla... | 8.757 | 70 | 61282 | 34.599 | ng/ul | 95 |
| 18) 4-Methylphenol | 8.739 | 108 | 76915 | 33.406 | ng/ul | 92 |
| 19) Hexachloroethane | 9.033 | 117 | 32230 | 36.267 | ng/ul | 98 |
| 22) Nitrobenzene | 9.168 | 77 | 97443 | 34.858 | ng/ul | 97 |
| 23) Isophorone | 9.685 | 82 | 164929 | 33.114 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.879 | 139 | 42198 | 35.333 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 9.943 | 107 | 91413 | 34.440 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.172 | 93 | 91402 | 35.538 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.425 | 162 | 70461 | 35.038 | ng/ul | 95 |
| 30) Naphthalene | 10.818 | 128 | 229024 | 34.434 | ng/ul | 96 |
| 32) 4-Chloroaniline | 10.930 | 127 | 84645 | 29.472 | ng/ul | 89 |
| 33) Hexachlorobutadiene | 11.095 | 225 | 56302 | 34.608 | ng/ul | 97 |
| 34) Caprolactam | 11.706 | 113 | 23182m> | 32.909 | ng/ul> | Ja 9/8/21 |
| 35) 4-Chloro-3-methylphenol | 12.076 | 107 | 83787 | 34.862 | ng/ul | 96 |

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**ClientSampleId :** SLCS871

**Manual Integrations APPROVED**
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9/7/2021 11:34:31 AM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.434 | 142 | 168485 | 34.078 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.651 | 142 | 162979 | 32.658 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.804 | 216 | 96777 | 37.802 | ng/ul# | 94 |
| 40) Hexachlorocyclopentadiene | 12.775 | 237 | 13875 | 12.110 | ng/ul | 92 |
| 41) 2,4,6-Trichlorophenol | 13.051 | 196 | 58358 | 35.770 | ng/ul | 88 |
| 42) 2,4,5-Trichlorophenol | 13.133 | 196 | 59920 | 35.043 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.438 | 154 | 217685 | 35.748 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.485 | 162 | 173443 | 35.460 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.697 | 65 | 58321 | 35.119 | ng/ul | 94 |
| 47) Dimethylphthalate | 14.061 | 163 | 219422 | 33.237 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.190 | 165 | 48037 | 35.245 | ng/ul | 94 |
| 50) Acenaphthylene | 14.337 | 152 | 254163 | 35.555 | ng/ul | 97 |
| 51) 3-Nitroaniline | 14.525 | 138 | 43148 | 32.807 | ng/ul | 96 |
| 52) Acenaphthene | 14.678 | 153 | 186823 | 36.028 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.754 | 184 | 16831m> | 24.178 | ng/ul> | JU 9/8/21 JU |
| 55) 4-Nitrophenol | 14.860 | 109 | 32304 | 26.400 | ng/ul# | 79 |
| 56) Dibenzofuran | 15.013 | 168 | 251392 | 35.008 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.989 | 165 | 68209 | 34.791 | ng/ul# | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.248 | 232 | 49046 | 34.615 | ng/ul | 97 |
| 59) Diethylphthalate | 15.424 | 149 | 229380 | 33.965 | ng/ul | 96 |
| 61) Fluorene | 15.665 | 166 | 211594 | 34.925 | ng/ul | 95 |
| 62) 4-Chlorophenyl-phenyle... | 15.653 | 204 | 110321 | 34.415 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.694 | 138 | 47316 | 36.051 | ng/ul | 93 |
| 66) 4,6-Dinitro-2-methylph... | 15.765 | 198 | 35051 | 31.658 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.865 | 169 | 179592 | 35.927 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.546 | 248 | 79085 | 37.653 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.675 | 284 | 89369 | 36.847 | ng/ul | 96 |
| 70) Atrazine | 16.816 | 200 | 81781 | 36.826 | ng/ul | 97 |
| 71) Pentachlorophenol | 17.034 | 266 | 19597m> | 19.081 | ng/ul> | JU 9/8/21 JU |
| 72) Phenanthrene | 17.410 | 178 | 351453 | 37.130 | ng/ul | 98 |
| 74) Anthracene | 17.504 | 178 | 348979 | 36.382 | ng/ul | 96 |
| 75) 1,2,3,4-Tetrachloroben... | 13.409 | 216 | 99750 | 39.158 | ng/uL | 93 |
| 76) Pentachlorobenzene | 14.936 | 250 | 99136 | 36.728 | ng/uL | 97 |
| 77) Carbazole | 17.774 | 167 | 316552 | 37.087 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.320 | 149 | 389853 | 35.713 | ng/ul | 98 |
| 80) Fluoranthene | 19.424 | 202 | 444218 | 34.163 | ng/ul# | 98 |
| 82) Pyrene | 19.789 | 202 | 437439 | 33.950 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.658 | 149 | 174265 | 34.273 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.533 | 252 | 154145 | 33.349 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.616 | 228 | 427539 | 35.189 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.510 | 149 | 244713 | 35.045 | ng/ul | 99 |
| 87) Chrysene | 21.686 | 228 | 406764 | 35.416 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.708 | 149 | 415848 | 35.035 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.830 | 252 | 449995 | 35.159 | ng/ul# | 97 |
| 91) Benzo(k)fluoranthene | 23.901 | 252 | 418173 | 34.373 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.706 | 252 | 381169 | 34.293 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 28.547 | 276 | 494108 | 33.700 | ng/ul# | 96 |
| 95) Dibenzo(a,h)anthracene | 28.594 | 278 | 414757 | 33.791 | ng/ul# | 97 |
| 96) Benzo(g,h,i)perylene | 29.705 | 276 | 399789 | 32.433 | ng/ul | 96 |

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