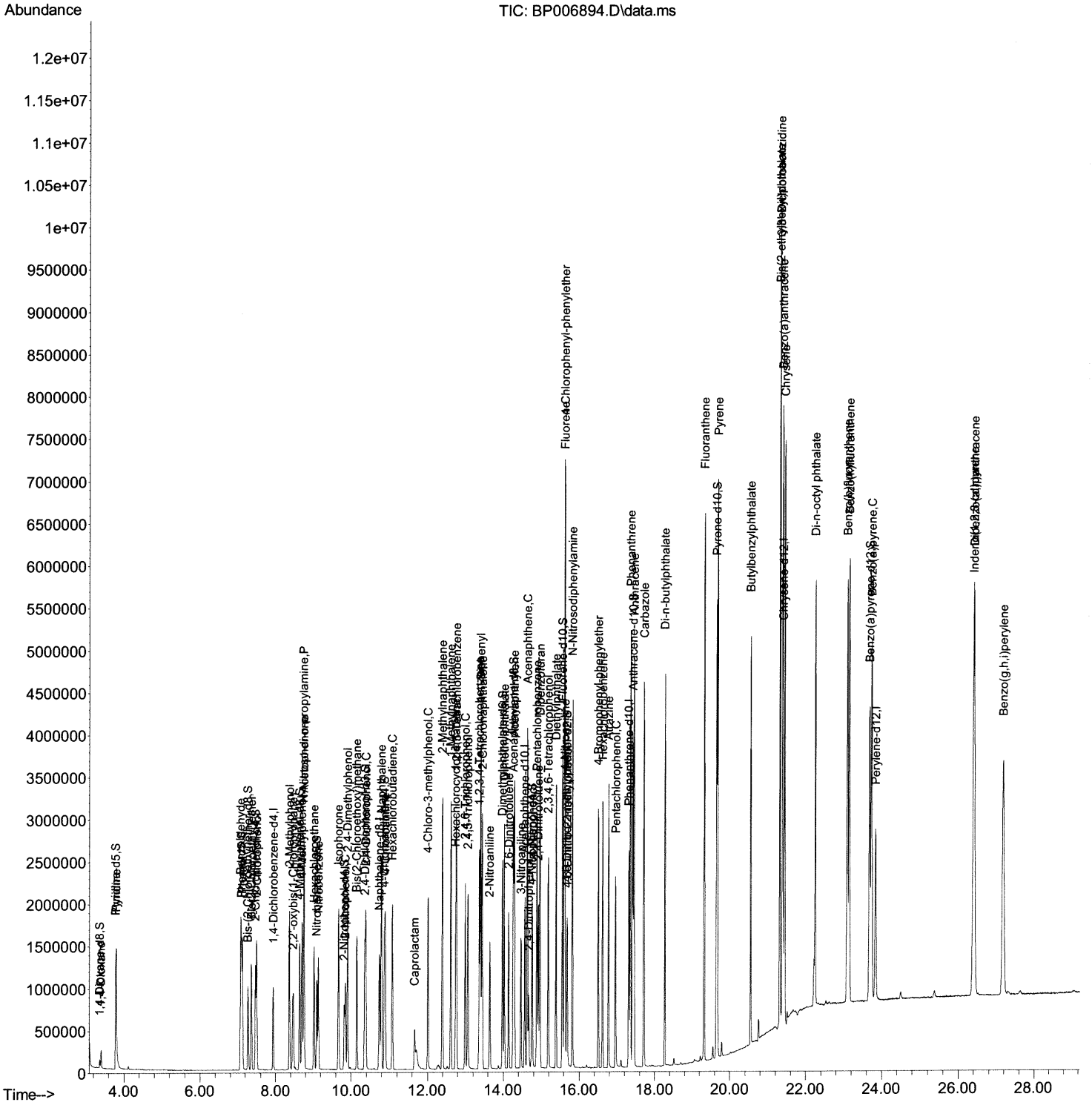
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006894.D
Acq On : 09 Sep 2021 11:30
Operator : CG/JU
Sample : PB138822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 09 11:57:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS822

**Manual Integrations APPROVED**
mohammad
9/10/2021 3:25:36 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006894.D
Acq On : 09 Sep 2021 11:30
Operator : CG/JU
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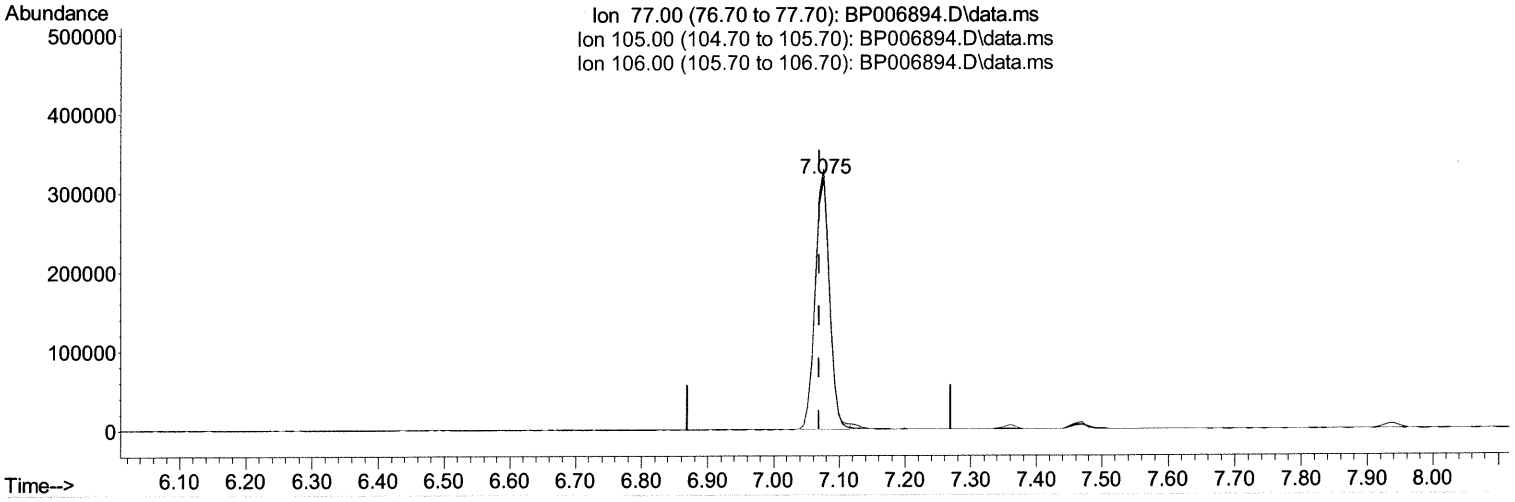
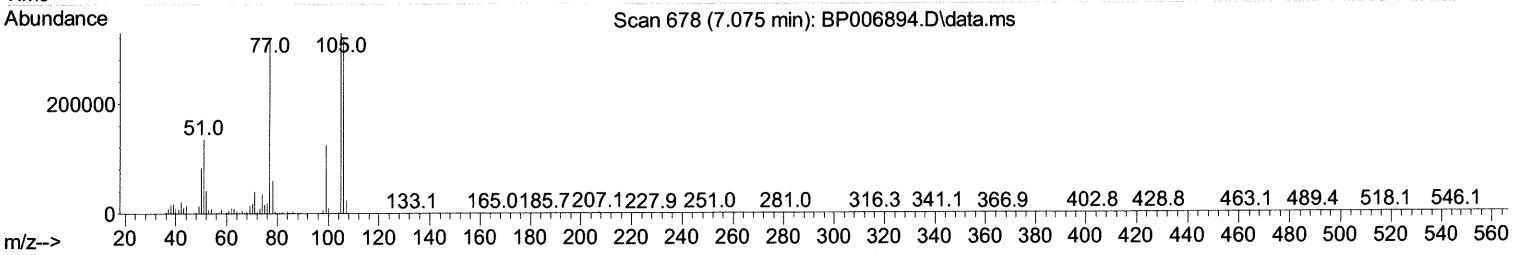
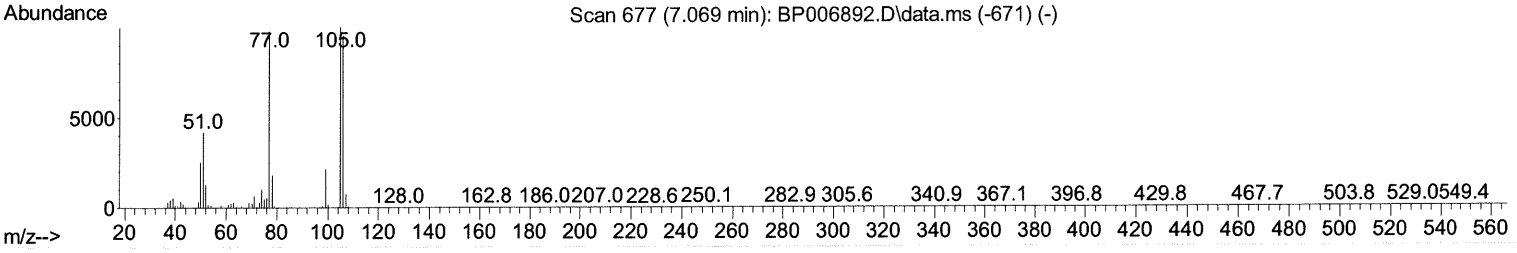
**Manual Integrations APPROVED**
mohammad
9/10/2021 3:25:36 PM




TIC: BP006894.D\data.ms

**(6) Benzaldehyde**

**7.075min (+ 0.005) 38.21 ng/ul**

**response 494173**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 93.00 | 103.44 |
| 106.00 | 87.90 | 99.17 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
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Acq On : 09 Sep 2021 11:30
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Sample : PB138822BS
Misc :
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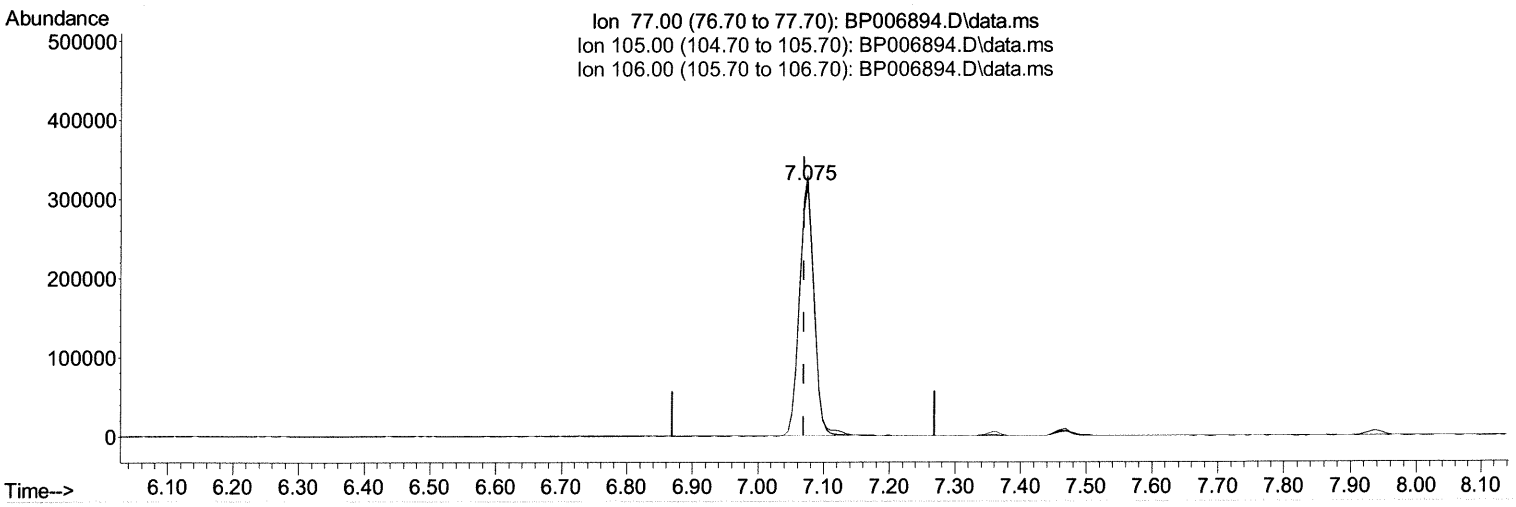
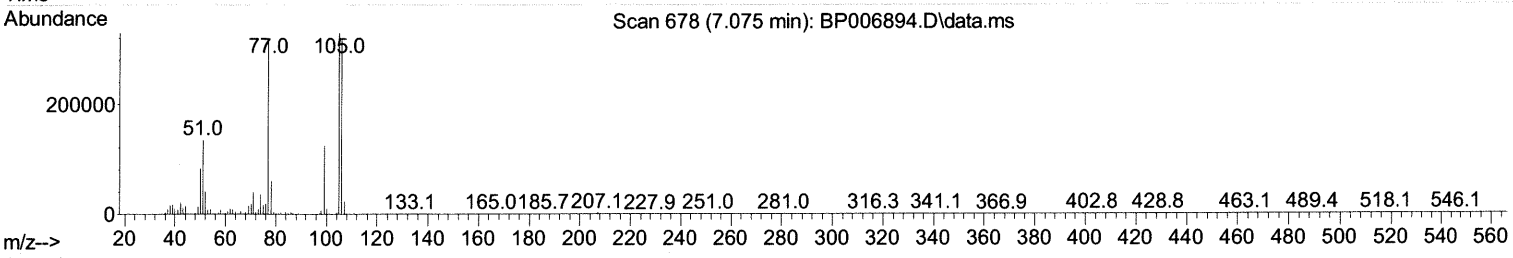
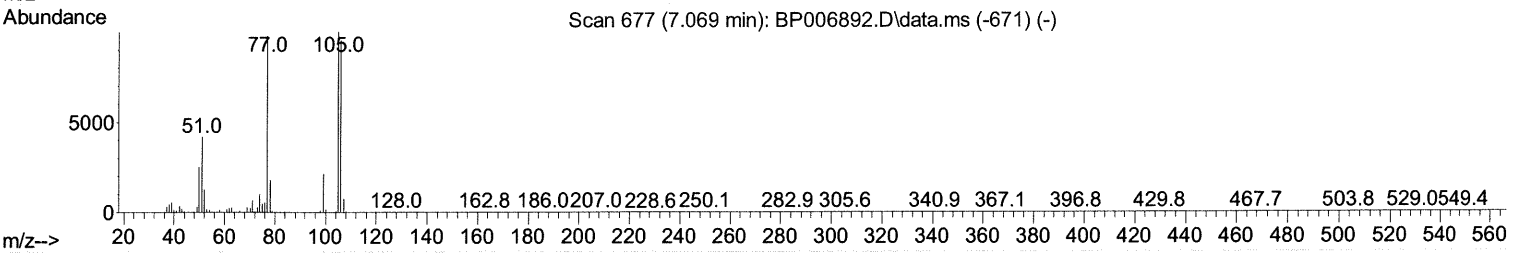
Quant Time: Sep 09 11:57:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS822

**Manual Integrations APPROVED**
mohammad
9/10/2021 3:25:36 PM




TIC: BP006894.D\data.ms

**(6) Benzaldehyde**

**7.075min (+ 0.005) 38.70 ng/ul m** 09/13/21 JU

**response 500433**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 93.00 | 103.44 |
| 106.00 | 87.90 | 99.17 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
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Acq On : 09 Sep 2021 11:30
Operator : CG/JU
Sample : PB138822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 09 11:57:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS822

**Manual Integrations APPROVED**
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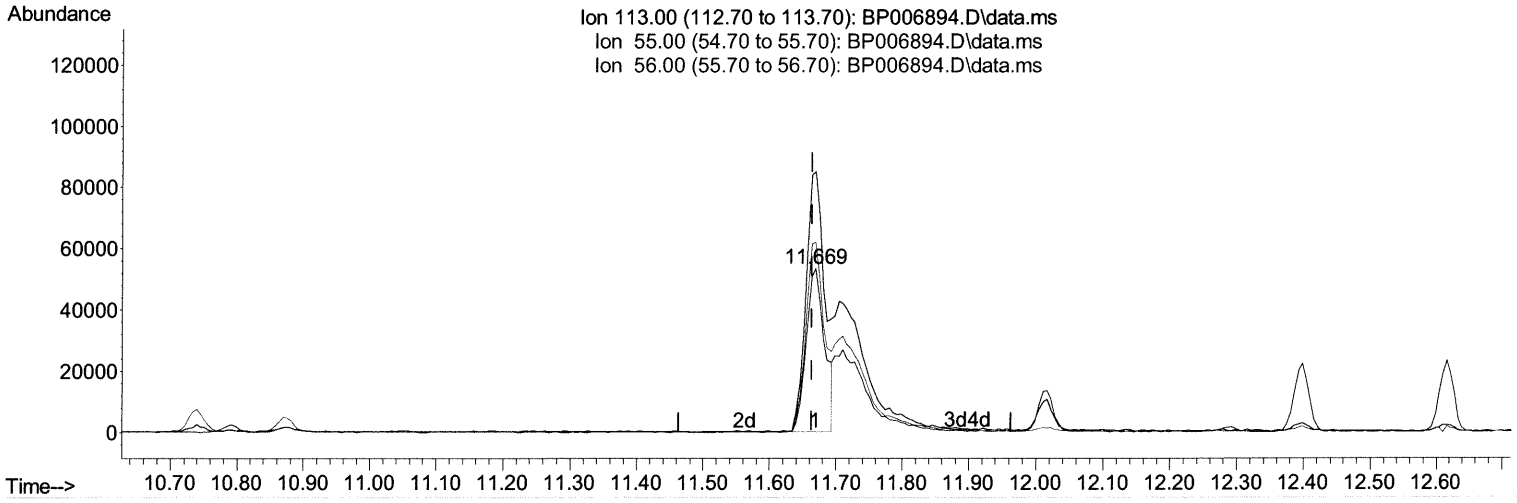


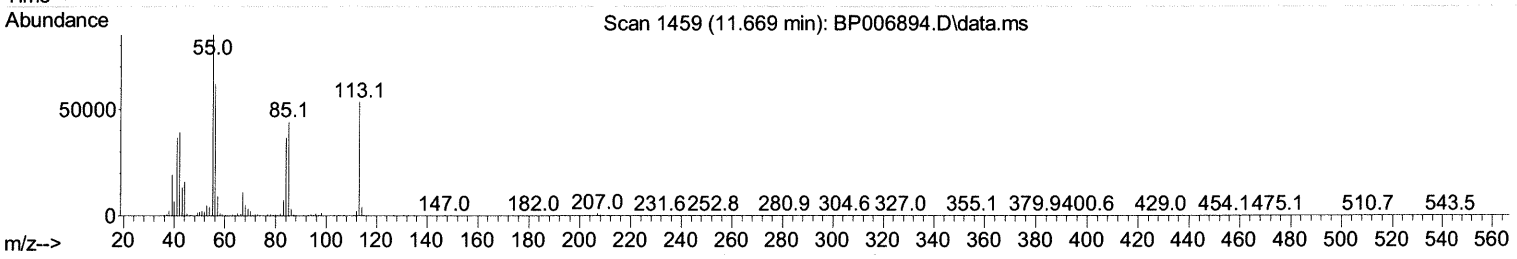


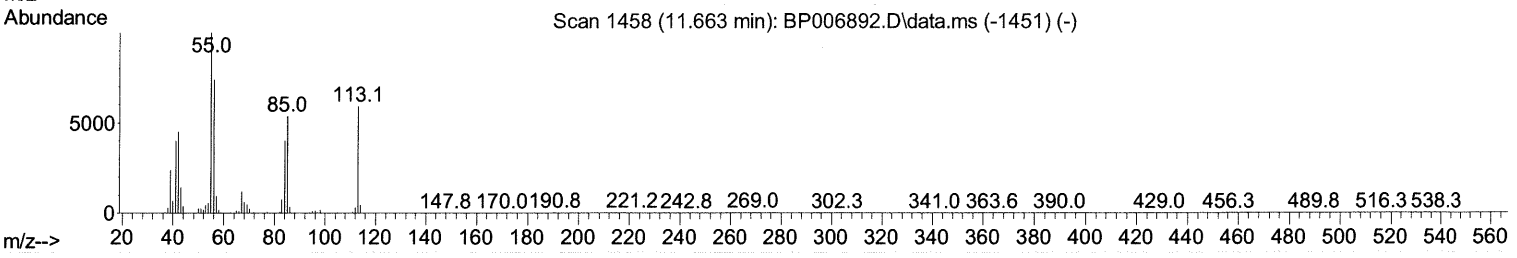


TIC: BP006894.D\data.ms

**(34) Caprolactam**

**11.669min (+ 0.005) 21.81 ng/ul**

**response 102734**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 157.20 | 158.98 |
| 56.00 | 122.70 | 116.01 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006894.D
Acq On : 09 Sep 2021 11:30
Operator : CG/JU
Sample : PB138822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 09 11:57:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS822

**Manual Integrations APPROVED**
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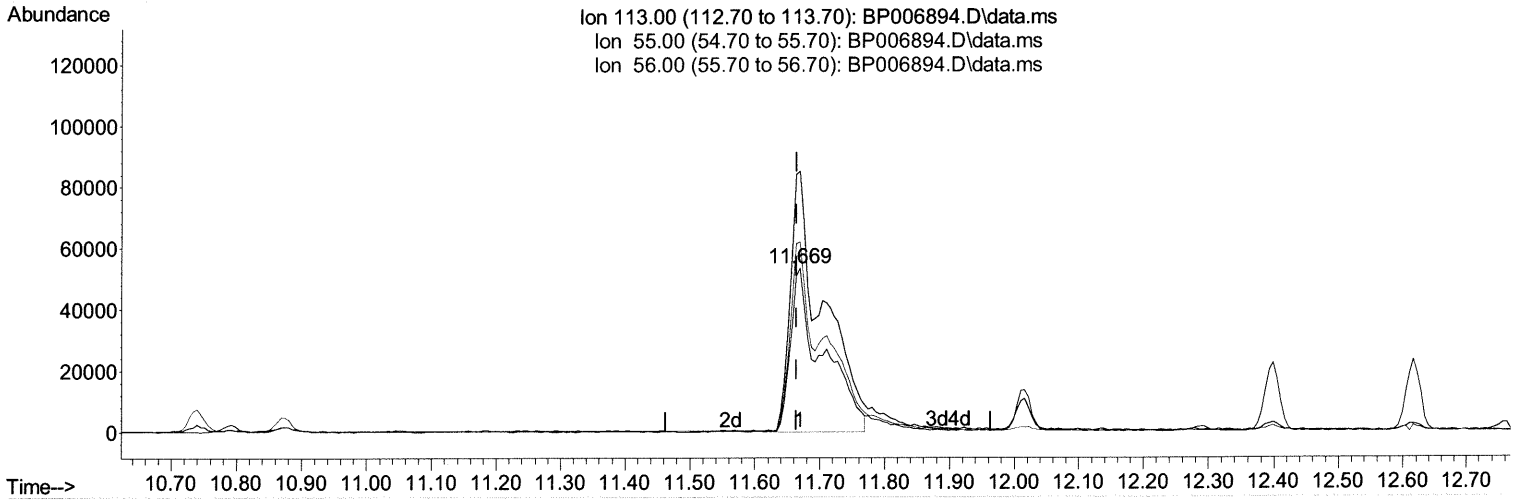


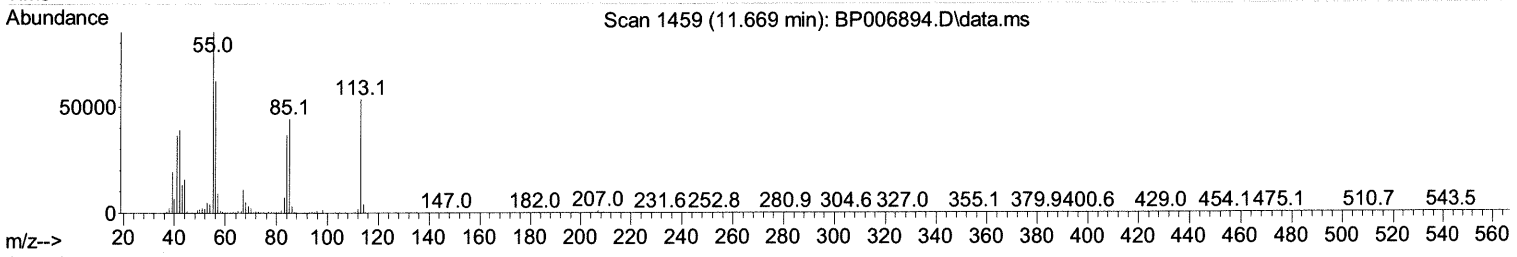


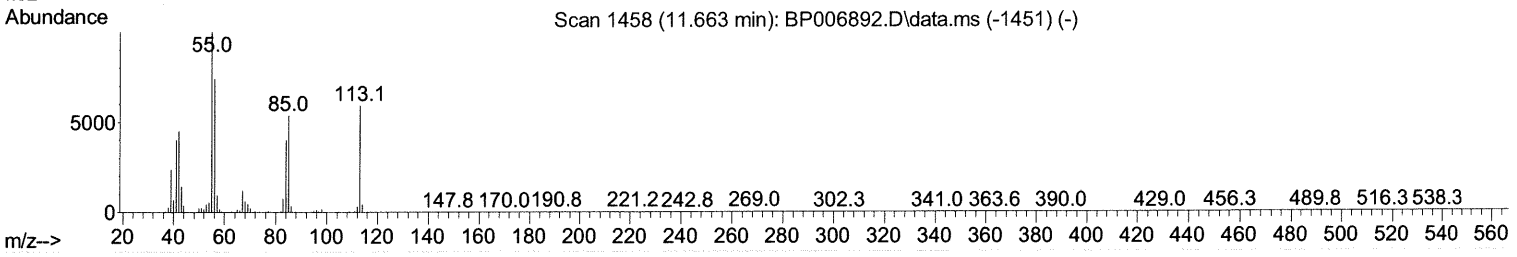


TIC: BP006894.D\data.ms

**(34) Caprolactam**

**11.669min (+ 0.005) 38.91 ng/ul m** 09/13/21 JU

**response 183328**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 157.20 | 158.98 |
| 56.00 | 122.70 | 116.01 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006894.D
Acq On : 09 Sep 2021 11:30
Operator : CG/JU
Sample : PB138822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 09 11:57:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS822

**Manual Integrations APPROVED**
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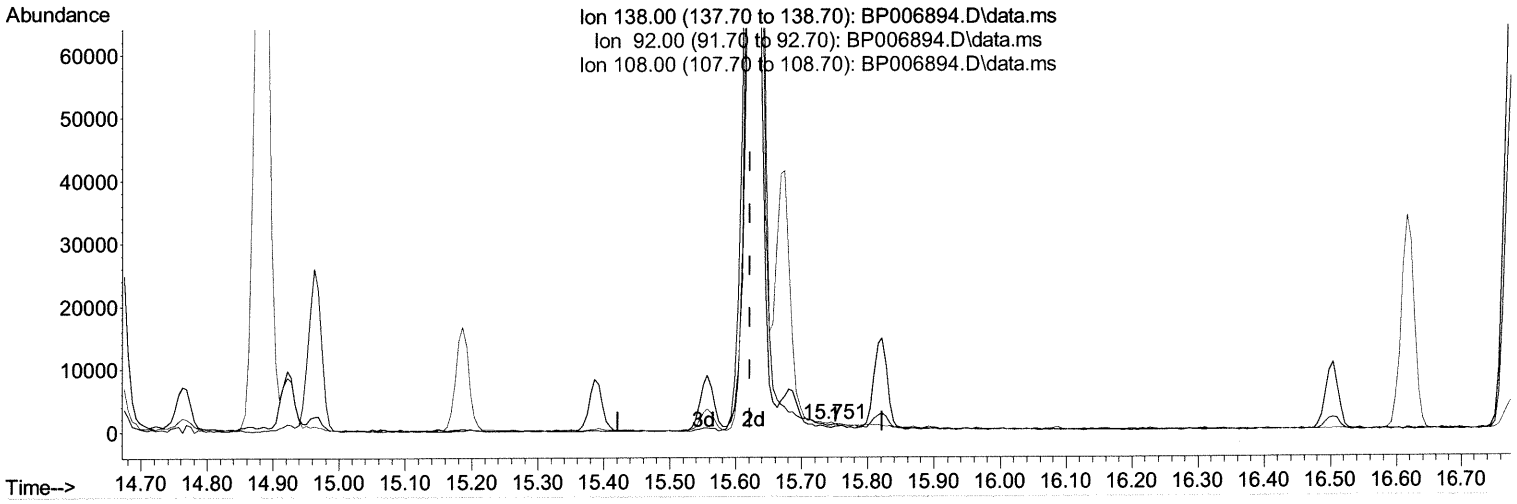
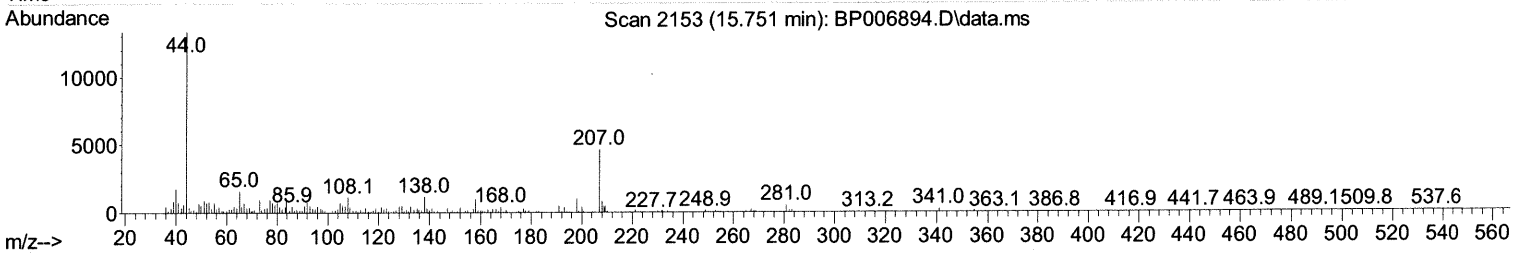
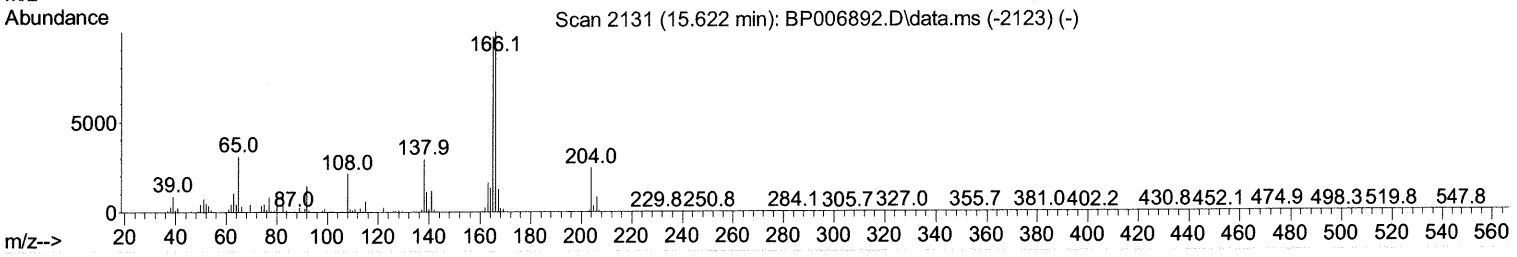
9/10/2021 3:25:36 PM




TIC: BP006894.D\data.ms

**(63) 4-Nitroaniline**

**15.751min (+ 0.129) 0.05 ng/ul**

**response 408**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 58.90 | 64.68 |
| 108.00 | 92.30 | 96.29 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006894.D
Acq On : 09 Sep 2021 11:30
Operator : CG/JU
Sample : PB138822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 09 11:57:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS822

**Manual Integrations APPROVED**
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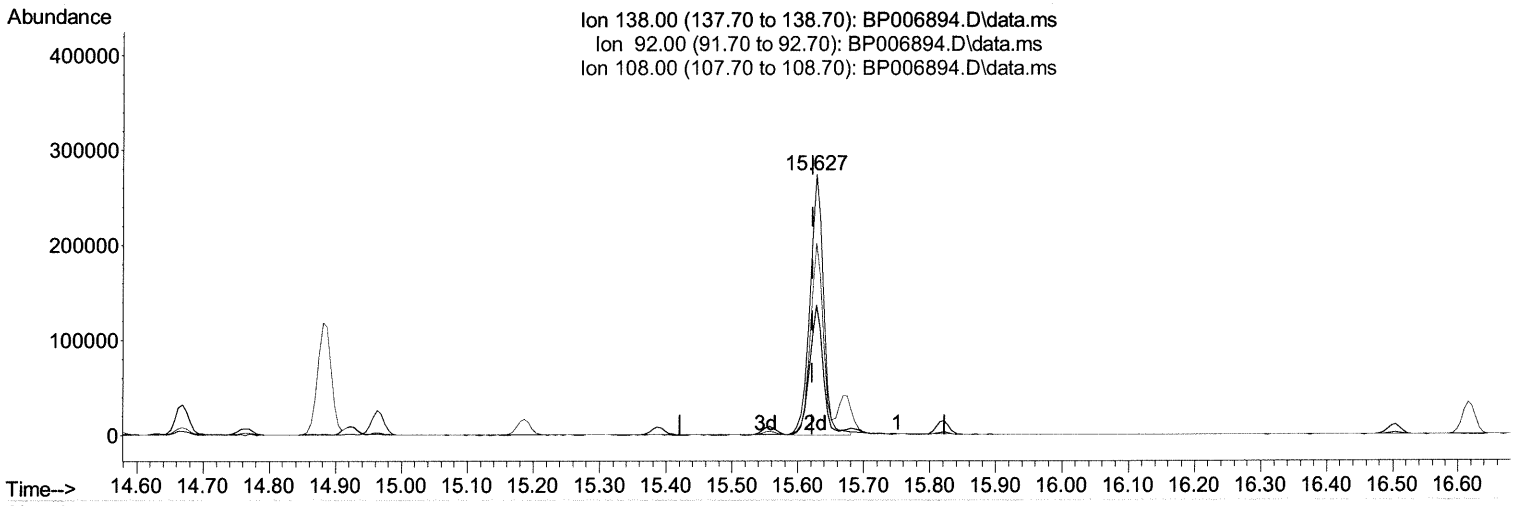
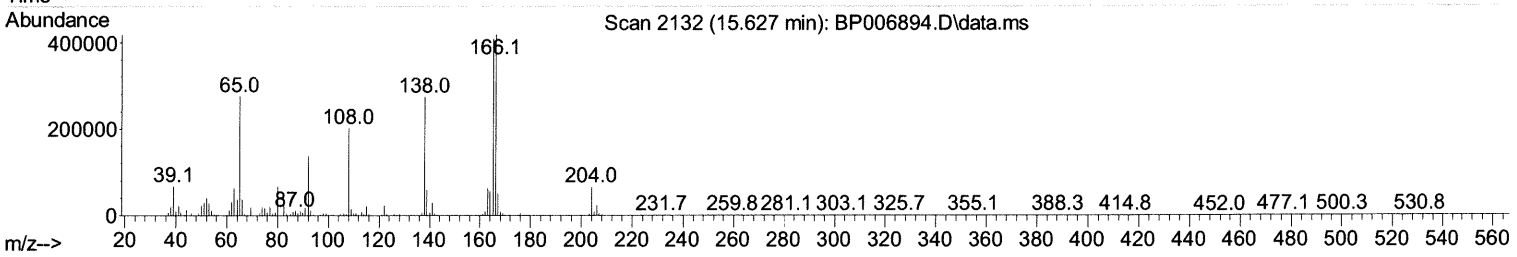
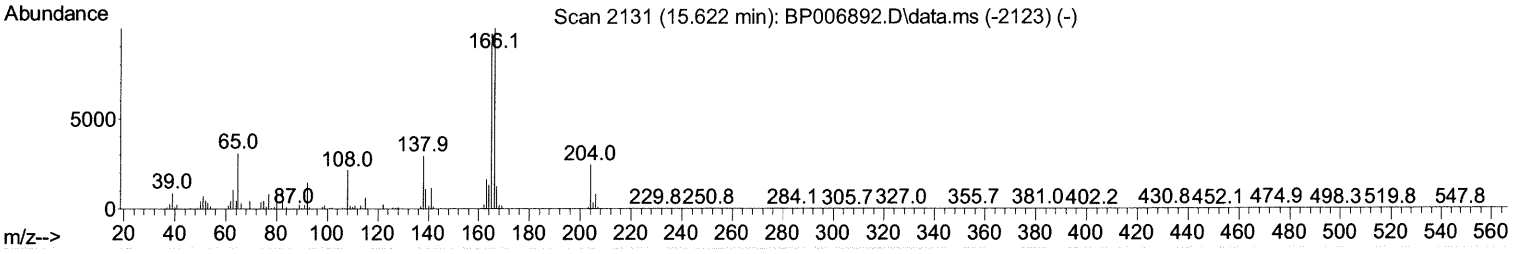
9/10/2021 3:25:36 PM




TIC: BP006894.D\data.ms

**(63) 4-Nitroaniline**

**15.627min (+ 0.005) 44.17 ng/ul m** 09/13/2021

**response 396523**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 58.90 | 49.98 |
| 108.00 | 92.30 | 73.72# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006894.D
Acq On : 09 Sep 2021 11:30
Operator : CG/JU
Sample : PB138822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 09 11:57:03 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

**Instrument :** BNA_P
**ClientSampleId :** SLCS822

**Manual Integrations APPROVED**
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9/10/2021 3:25:36 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.940 | 152 | 276123 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.739 | 136 | 1135070 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.563 | 164 | 719024 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.316 | 188 | 1515808 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.398 | 240 | 1487965 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.839 | 264 | 1505976 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.363 | 96 | 46655 | 6.724 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.781 | 84 | 628132 | 34.739 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.093 | 99 | 749408 | 36.927 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.263 | 67 | 434680 | 37.294 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.463 | 132 | 600941 | 36.680 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.640 | 113 | 585156 | 36.717 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.098 | 128 | 270665 | 39.368 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.822 | 143 | 267369 | 39.501 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.357 | 165 | 595658 | 37.321 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.875 | 131 | 793701 | 35.960 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.975 | 166 | 1716424 | 36.857 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.257 | 160 | 2148116 | 36.421 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.751 | 143 | 315478 | 38.994 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.557 | 176 | 1498170 | 36.451 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.674 | 200 | 260821 | 38.896 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.416 | 188 | 2318193 | 36.941 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.645 | 212 | 2742710 | 39.359 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.680 | 264 | 2637338 | 36.301 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.399 | 88 | 107532 | 13.927 | ng/uL | 88 |
| 5) Pyridine | 3.799 | 79 | 701395 | 38.670 | ng/ul | 89 |
| 6) Benzaldehyde | 7.075 | 77 | 500433m | 38.697 | ng/ul | 09/13/21 JU |
| 8) Phenol | 7.116 | 94 | 889207 | 42.386 | ng/ul | 90 |
| 10) Bis(2-Chloroethyl)ether | 7.357 | 93 | 694998 | 41.380 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.498 | 128 | 703698 | 41.866 | ng/ul | 93 |
| 13) 2-Methylphenol | 8.375 | 108 | 657686 | 41.282 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.469 | 45 | 835850 | 43.086 | ng/ul | 97 |
| 16) Acetophenone | 8.757 | 105 | 1015891 | 41.566 | ng/ul | 93 |
| 17) N-Nitroso-di-n-propyla... | 8.751 | 70 | 487119 | 42.777 | ng/ul# | 97 |
| 18) 4-Methylphenol | 8.704 | 108 | 716092 | 41.909 | ng/ul | 99 |
| 19) Hexachloroethane | 9.022 | 117 | 273671 | 39.983 | ng/ul# | 83 |
| 22) Nitrobenzene | 9.140 | 77 | 715323 | 42.996 | ng/ul# | 88 |
| 23) Isophorone | 9.669 | 82 | 1370169 | 41.466 | ng/ul# | 94 |
| 25) 2-Nitrophenol | 9.851 | 139 | 344320 | 45.512 | ng/ul# | 85 |
| 26) 2,4-Dimethylphenol | 9.910 | 107 | 719033 | 39.229 | ng/ul | 92 |
| 27) Bis(2-Chloroethoxy)met... | 10.151 | 93 | 907817 | 41.504 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.381 | 162 | 659995 | 41.755 | ng/ul | 95 |
| 30) Naphthalene | 10.792 | 128 | 2165213 | 39.325 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.898 | 127 | 898732 | 39.979 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.081 | 225 | 410960 | 37.689 | ng/ul | 96 |
| 34) Caprolactam | 11.669 | 113 | 183328m | 38.912 | ng/ul | 09/13/21 JU |
| 35) 4-Chloro-3-methylphenol | 12.016 | 107 | 685815 | 42.779 | ng/ul | 88 |

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

**Instrument :** BNA_P
**ClientSampleId :** SLCS822

**Manual Integrations APPROVED**
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9/10/2021 3:25:36 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.398 | 142 | 1554351 | 42.106 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.616 | 142 | 1494163 | 39.679 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.763 | 216 | 808734 | 39.280 | ng/ul# | 95 |
| 40) Hexachlorocyclopentadiene | 12.745 | 237 | 451070 | 33.946 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.998 | 196 | 518032 | 43.470 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.069 | 196 | 567168 | 42.693 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.404 | 154 | 1986900 | 39.688 | ng/ul# | 98 |
| 44) 2-Chloronaphthalene | 13.445 | 162 | 1526011 | 39.536 | ng/ul | 91 |
| 45) 2-Nitroaniline | 13.645 | 65 | 383456 | 48.879 | ng/ul# | 78 |
| 47) Dimethylphthalate | 14.022 | 163 | 1955575 | 41.637 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.139 | 165 | 376110 | 47.949 | ng/ul# | 76 |
| 50) Acenaphthylene | 14.286 | 152 | 2317663 | 37.872 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.463 | 138 | 394261 | 43.847 | ng/ul | 85 |
| 52) Acenaphthene | 14.627 | 153 | 1647556 | 40.658 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.669 | 184 | 191572 | 43.475 | ng/ul# | 70 |
| 55) 4-Nitrophenol | 14.763 | 109 | 265254 | 44.604 | ng/ul# | 83 |
| 56) Dibenzofuran | 14.963 | 168 | 2343788 | 40.082 | ng/ul | 88 |
| 57) 2,4-Dinitrotoluene | 14.922 | 165 | 543833 | 48.515 | ng/ul# | 78 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.186 | 232 | 480142 | 44.854 | ng/ul# | 78 |
| 59) Diethylphthalate | 15.386 | 149 | 1950294 | 42.648 | ng/ul | 95 |
| 61) Fluorene | 15.616 | 166 | 1894651 | 40.652 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.610 | 204 | 946677 | 39.844 | ng/ul# | 81 |
| 63) 4-Nitroaniline | 15.627 | 138 | 396523m | 44.170 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.686 | 198 | 310658 | 45.503 | ng/ul# | 73 |
| 67) N-Nitrosodiphenylamine | 15.822 | 169 | 1671312 | 41.864 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.504 | 248 | 589767 | 41.154 | ng/ul# | 85 |
| 69) Hexachlorobenzene | 16.621 | 284 | 676918 | 40.736 | ng/ul# | 84 |
| 70) Atrazine | 16.774 | 200 | 611001 | 40.414 | ng/ul | 94 |
| 71) Pentachlorophenol | 16.963 | 266 | 402717 | 42.310 | ng/ul | 98 |
| 72) Phenanthrene | 17.357 | 178 | 3101864 | 41.079 | ng/ul | 99 |
| 74) Anthracene | 17.451 | 178 | 3108918 | 41.422 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.369 | 216 | 819053 | 38.552 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.886 | 250 | 789354 | 38.383 | ng/uL | 99 |
| 77) Carbazole | 17.716 | 167 | 2849078 | 42.712 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.274 | 149 | 3291836 | 43.542 | ng/ul# | 98 |
| 80) Fluoranthene | 19.321 | 202 | 3689406 | 42.568 | ng/ul# | 94 |
| 82) Pyrene | 19.674 | 202 | 3794907 | 42.688 | ng/ul | 94 |
| 83) Butylbenzylphthalate | 20.545 | 149 | 1416381 | 45.755 | ng/ul | 90 |
| 84) 3,3'-Dichlorobenzidine | 21.315 | 252 | 1254623 | 40.635 | ng/ul# | 98 |
| 85) Benzo(a)anthracene | 21.380 | 228 | 3672403 | 42.390 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.309 | 149 | 2093423 | 45.363 | ng/ul# | 94 |
| 87) Chrysene | 21.439 | 228 | 3560000 | 41.525 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.245 | 149 | 3614809 | 46.443 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.092 | 252 | 3804140 | 43.170 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.139 | 252 | 3721954 | 45.123 | ng/ul | 97 |
| 93) Benzo(a)pyrene | 23.733 | 252 | 3407400 | 40.189 | ng/ul# | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.397 | 276 | 4335855 | 44.084 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.415 | 278 | 3685813 | 43.313 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.186 | 276 | 3633365 | 43.074 | ng/ul | 96 |

09/13/2021

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