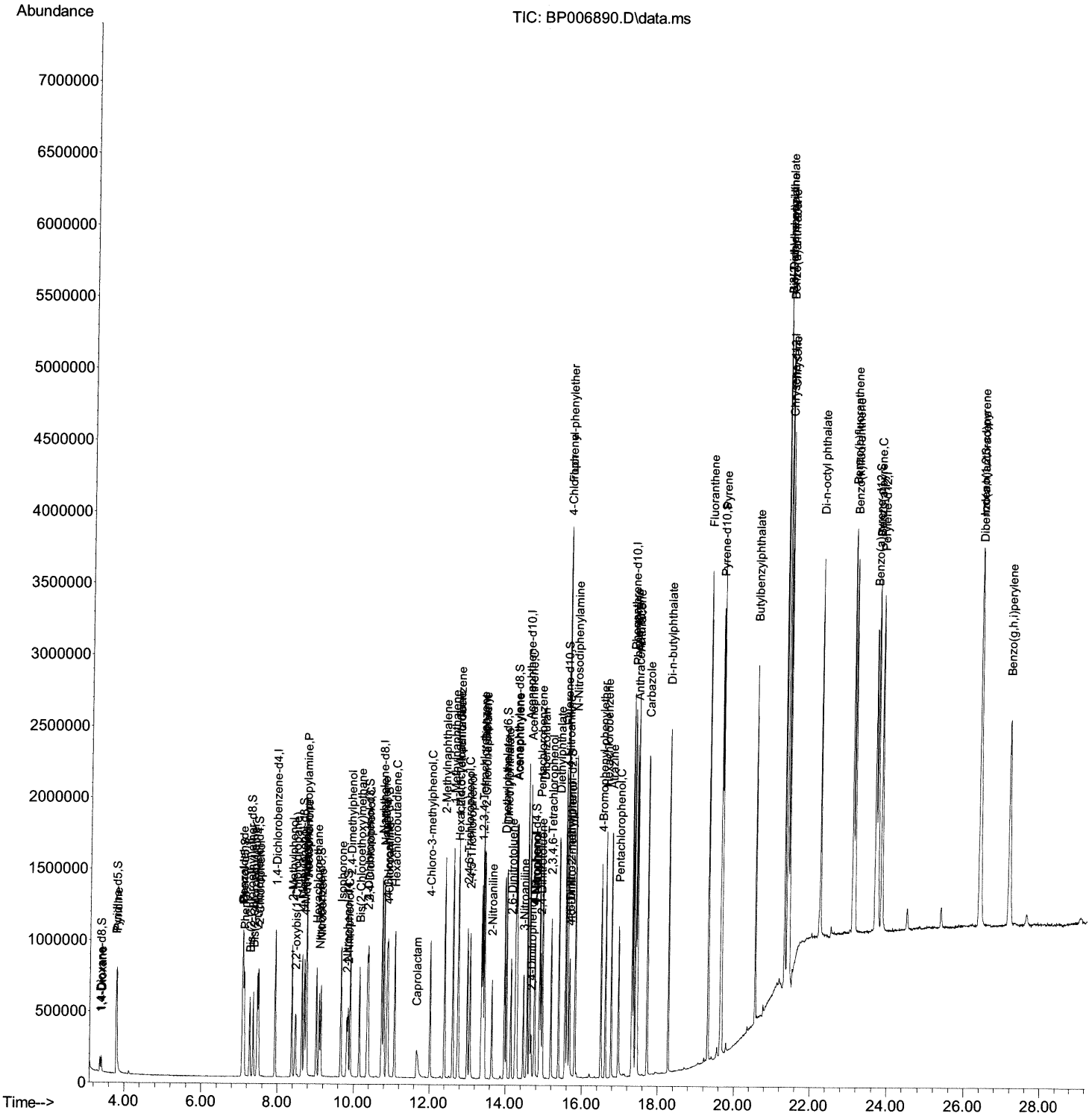
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
Data File : BP006890.D
Acq On : 08 Sep 2021 19:15
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 09 03:09:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 03:03:13 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SICV621

**Manual Integrations APPROVED**
mohammad
9/9/2021 11:59:32 AM



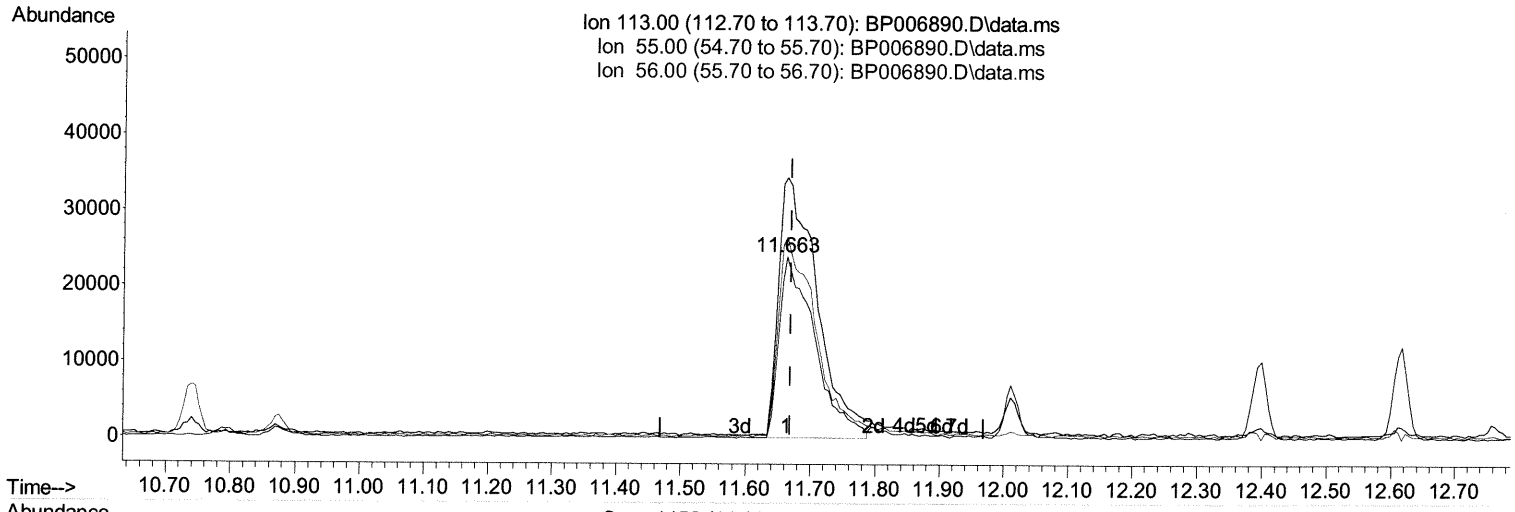
Quantitation Report (Qedit)

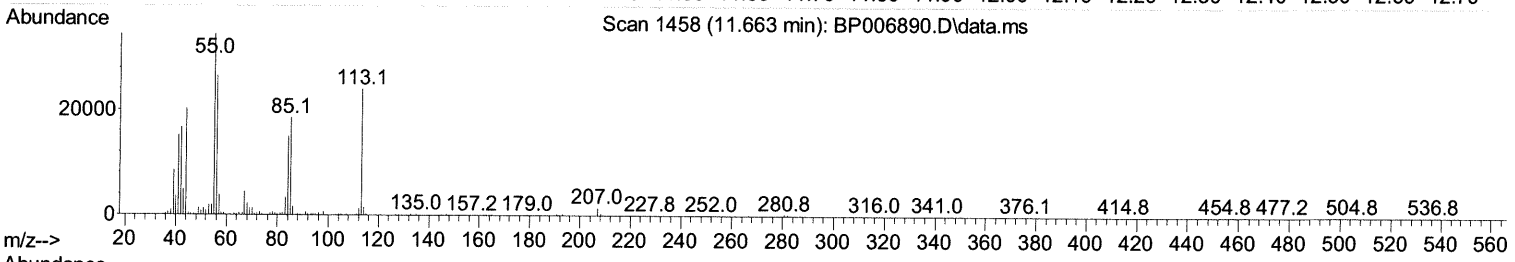
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
Data File : BP006890.D
Acq On : 08 Sep 2021 19:15
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

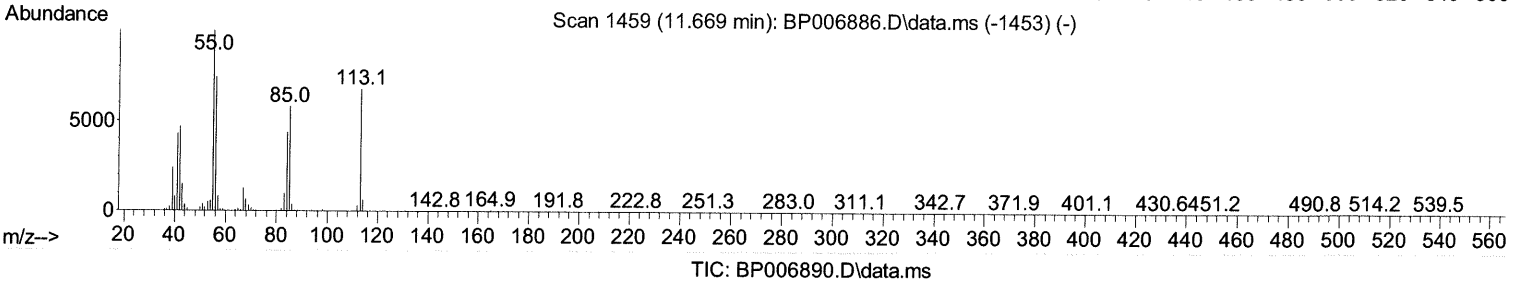
Quant Time: Sep 09 03:09:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 03:03:13 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SICV621

**Manual Integrations APPROVED**
mohammad
9/9/2021 11:59:32 AM




TIC: BP006890.D\data.ms

**(34) Caprolactam**

**11.663min (-0.006) 18.86 ng/ul**

**response 91304**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 157.20 | 143.45 |
| 56.00 | 122.70 | 110.60 |
| 0.00 | 0.00 | 0.00 |

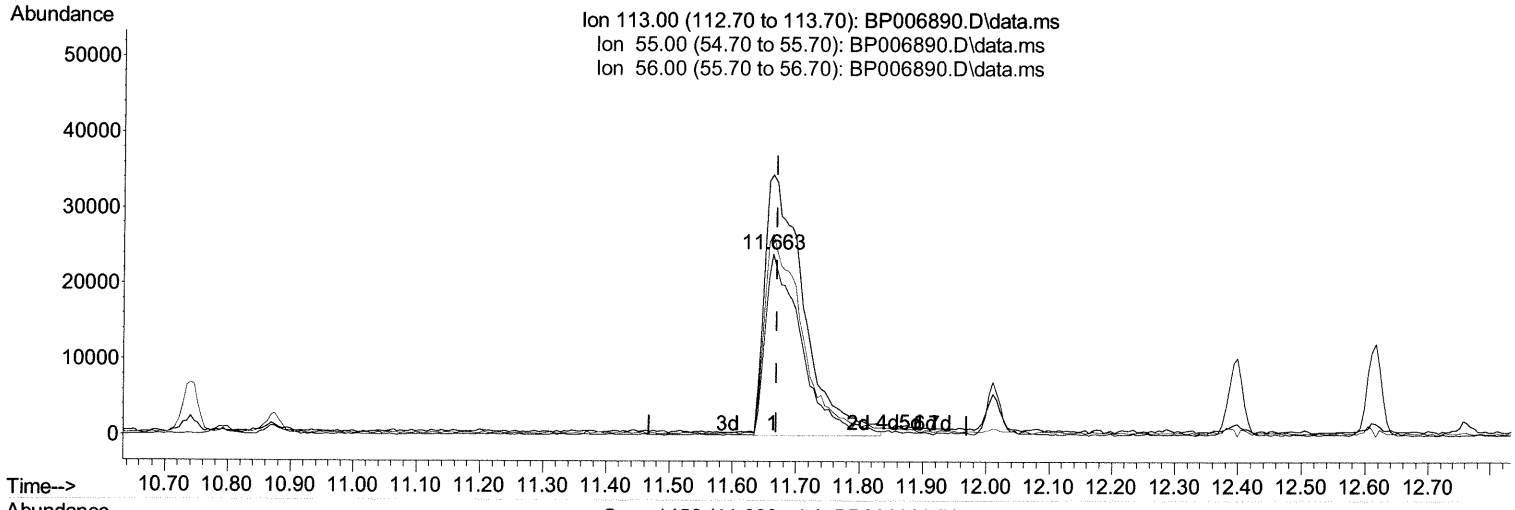
Quantitation Report (Qedit)

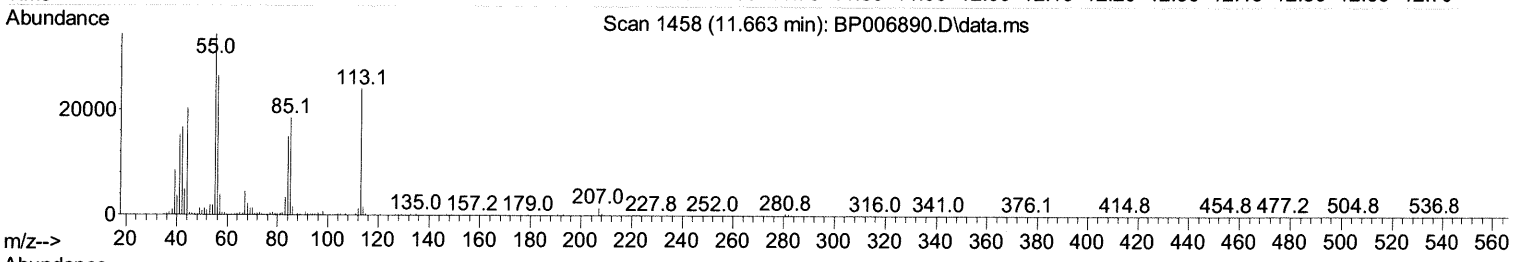
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
Data File : BP006890.D
Acq On : 08 Sep 2021 19:15
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

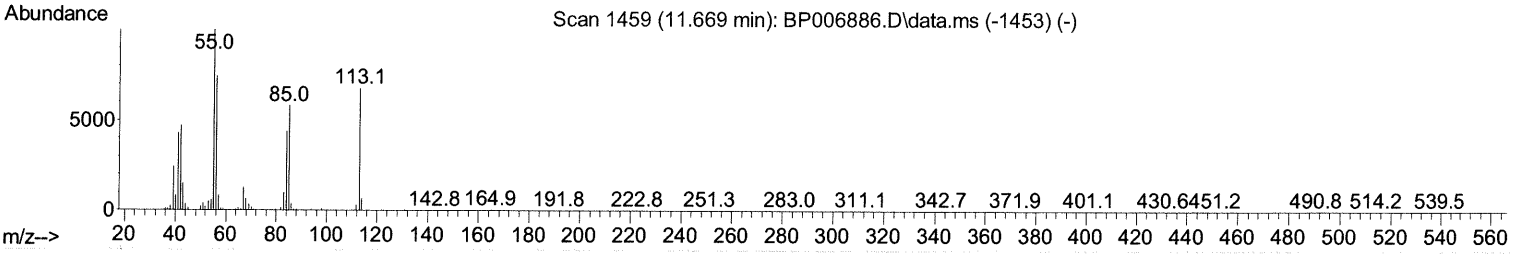
Quant Time: Sep 09 03:09:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 03:03:13 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SICV621

**Manual Integrations APPROVED**
mohammad
9/9/2021 11:59:32 AM




TIC: BP006890.D\data.ms

**(34) Caprolactam**

**11.663min (-0.006) 19.51 ng/ul m** 09/13/21JU

**response 94413**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 157.20 | 143.45 |
| 56.00 | 122.70 | 110.60 |
| 0.00 | 0.00 | 0.00 |

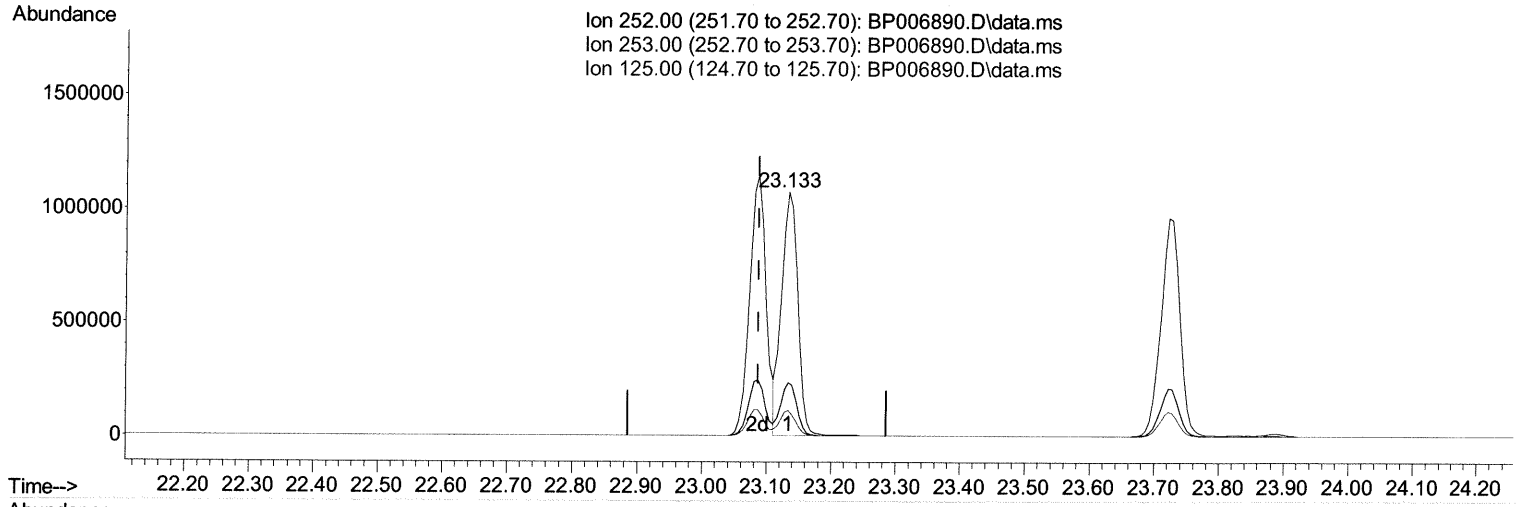
Quantitation Report (Qedit)

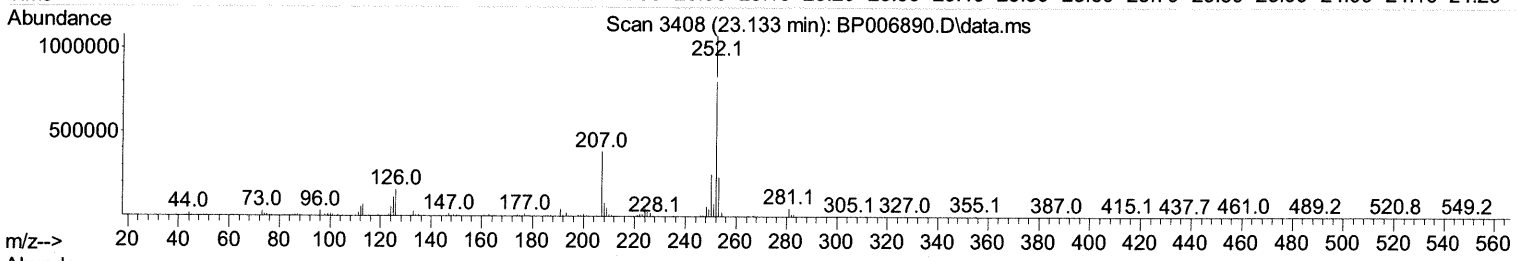
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
Data File : BP006890.D
Acq On : 08 Sep 2021 19:15
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

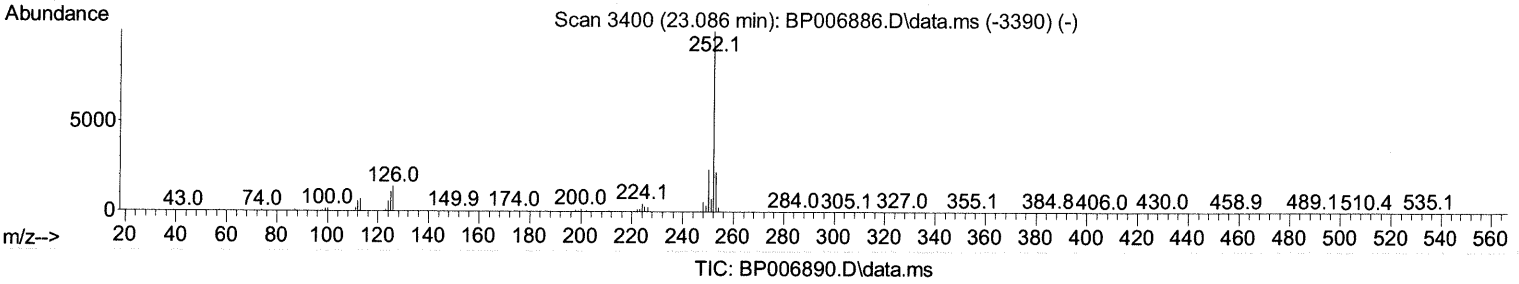
Quant Time: Sep 09 03:09:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 03:03:13 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SICV621

**Manual Integrations APPROVED**
mohammad
9/9/2021 11:59:32 AM




**(90) Benzo(b)fluoranthene**

**23.133min (+ 0.047) 18.58 ng/ul**

**response 1899322**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10 | 21.84 |
| 125.00 | 12.60 | 10.44 |
| 0.00 | 0.00 | 0.00 |

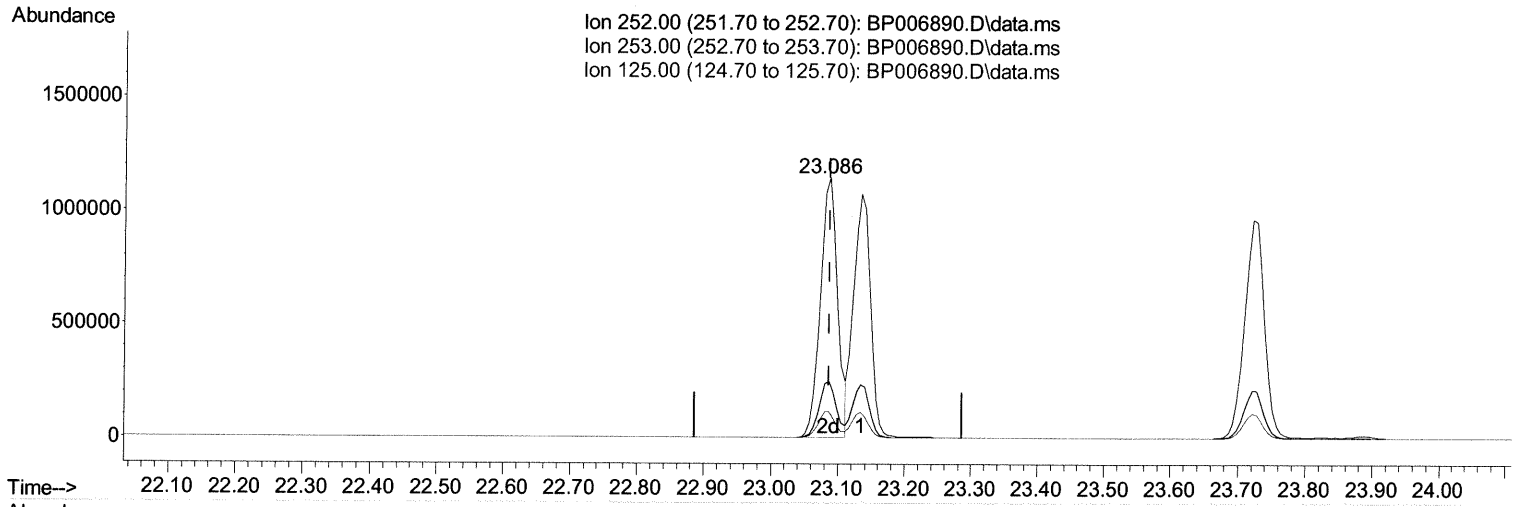
Quantitation Report (Qedit)

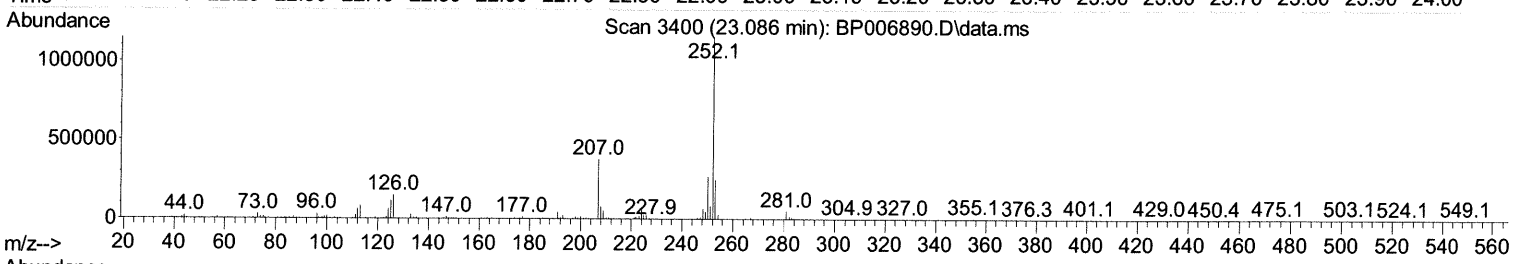
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
Data File : BP006890.D
Acq On : 08 Sep 2021 19:15
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

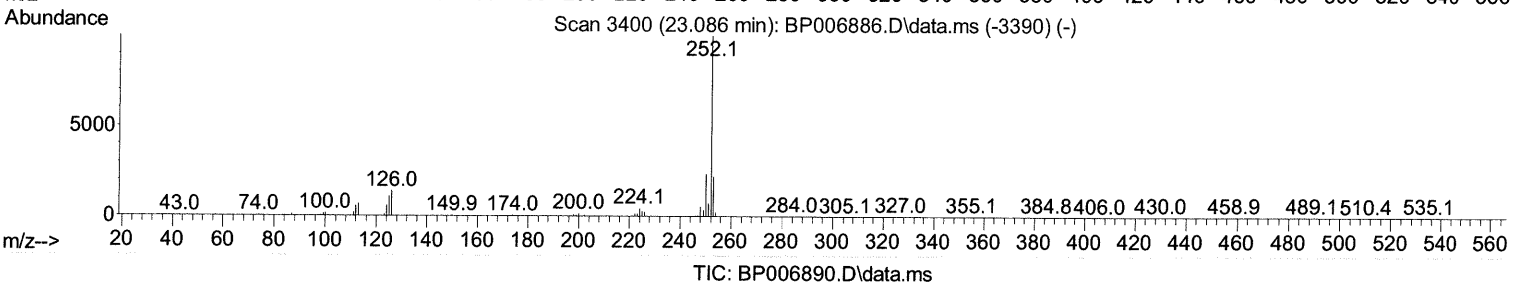
Quant Time: Sep 09 03:09:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 03:03:13 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SICV621

**Manual Integrations APPROVED**
mohammad
9/9/2021 11:59:32 AM




TIC: BP006890.D\data.ms

**(90) Benzo(b)fluoranthene**

**23.086min (+ 0.000) 19.95 ng/ul m** 09/13/21 JU

**response 2039947**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10 | 21.58 |
| 125.00 | 12.60 | 10.02# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
Data File : BP006890.D
Acq On : 08 Sep 2021 19:15
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 09 03:09:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 03:03:13 2021
Response via : Initial Calibration

**Instrument :** BNA_P
**ClientSampleId :** SICV621

**Manual Integrations APPROVED**
mohammad
9/9/2021 11:59:32 AM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.940 | 152 | 289019 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.740 | 136 | 1166152 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.563 | 164 | 754900 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.310 | 188 | 1607314 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.398 | 240 | 1675376 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.833 | 264 | 1747186 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.370 | 96 | 55965 | 7.706 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.781 | 84 | 363584 | 19.211 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.093 | 99 | 408008 | 19.207 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.269 | 67 | 237749 | 19.488 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.469 | 132 | 340584 | 19.861 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.640 | 113 | 325098 | 19.489 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.099 | 128 | 146148 | 20.691 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.822 | 143 | 145850 | 20.973 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.358 | 165 | 331823 | 20.236 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.875 | 131 | 449585 | 19.827 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.975 | 166 | 980715 | 20.058 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.257 | 160 | 1233900 | 19.926 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.746 | 143 | 164165 | 19.327 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.557 | 176 | 849398 | 19.684 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.669 | 200 | 131300 | 18.466 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.410 | 188 | 1336087 | 20.079 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.639 | 212 | 1550654 | 19.763 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.674 | 264 | 1669738 | 19.810 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.405 | 88 | 62422 | 7.724 | ng/uL | 95 |
| 5) Pyridine | 3.805 | 79 | 363794 | 19.162 | ng/ul | 91 |
| 6) Benzaldehyde | 7.075 | 77 | 268672 | 19.849 | ng/ul | 89 |
| 8) Phenol | 7.122 | 94 | 423534 | 19.288 | ng/ul | 91 |
| 10) Bis(2-Chloroethyl)ether | 7.364 | 93 | 342316 | 19.472 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.499 | 128 | 348224 | 19.793 | ng/ul | 93 |
| 13) 2-Methylphenol | 8.375 | 108 | 319598 | 19.166 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.469 | 45 | 401537 | 19.775 | ng/ul | 98 |
| 16) Acetophenone | 8.763 | 105 | 508549 | 19.879 | ng/ul | 90 |
| 17) N-Nitroso-di-n-propyla... | 8.746 | 70 | 240446 | 20.173 | ng/ul# | 96 |
| 18) 4-Methylphenol | 8.705 | 108 | 346496 | 19.374 | ng/ul | 100 |
| 19) Hexachloroethane | 9.022 | 117 | 142056 | 19.828 | ng/ul# | 80 |
| 22) Nitrobenzene | 9.140 | 77 | 349716 | 20.460 | ng/ul | 91 |
| 23) Isophorone | 9.669 | 82 | 682845 | 20.115 | ng/ul# | 94 |
| 25) 2-Nitrophenol | 9.852 | 139 | 170841 | 21.980 | ng/ul# | 83 |
| 26) 2,4-Dimethylphenol | 9.910 | 107 | 380104 | 20.185 | ng/ul | 93 |
| 27) Bis(2-Chloroethoxy)met... | 10.152 | 93 | 447341 | 19.907 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.381 | 162 | 327620 | 20.175 | ng/ul | 94 |
| 30) Naphthalene | 10.793 | 128 | 1118704 | 19.777 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.899 | 127 | 461762 | 19.993 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.081 | 225 | 222706 | 19.880 | ng/ul | 98 |
| 34) Caprolactam | 11.663 | 113 | 94413m> | 19.506 | ng/ul > | 09/13/21 JU |
| 35) 4-Chloro-3-methylphenol | 12.010 | 107 | 333337 | 20.238 | ng/ul | 91 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
Data File : BP006890.D
Acq On : 08 Sep 2021 19:15
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 09 03:09:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 03:03:13 2021
Response via : Initial Calibration

**Instrument :** BNA_P
**ClientSampleId :** SICV621

**Manual Integrations APPROVED**
mohammad
9/9/2021 11:59:32 AM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.399 | 142 | 753039 | 19.856 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.616 | 142 | 769598 | 19.892 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.763 | 216 | 425364 | 19.678 | ng/ul# | 92 |
| 40) Hexachlorocyclopentadiene | 12.746 | 237 | 267039 | 19.141 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.999 | 196 | 251851 | 20.129 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.063 | 196 | 283283 | 20.311 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.404 | 154 | 1025045 | 19.502 | ng/ul# | 97 |
| 44) 2-Chloronaphthalene | 13.440 | 162 | 794805 | 19.613 | ng/ul | 93 |
| 45) 2-Nitroaniline | 13.640 | 65 | 171863 | 20.866 | ng/ul# | 77 |
| 47) Dimethylphthalate | 14.022 | 163 | 981658 | 19.908 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.134 | 165 | 173612 | 21.081 | ng/ul# | 78 |
| 50) Acenaphthylene | 14.287 | 152 | 1285768 | 20.012 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.463 | 138 | 181851 | 19.263 | ng/ul | 83 |
| 52) Acenaphthene | 14.628 | 153 | 829646 | 19.501 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.663 | 184 | 73737 | 15.938 | ng/ul# | 71 |
| 55) 4-Nitrophenol | 14.757 | 109 | 125638 | 20.123 | ng/ul# | 88 |
| 56) Dibenzofuran | 14.963 | 168 | 1210731 | 19.721 | ng/ul | 87 |
| 57) 2,4-Dinitrotoluene | 14.922 | 165 | 255034 | 21.670 | ng/ul# | 74 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.181 | 232 | 229296 | 20.402 | ng/ul# | 78 |
| 59) Diethylphthalate | 15.381 | 149 | 970256 | 20.209 | ng/ul | 95 |
| 61) Fluorene | 15.610 | 166 | 967214 | 19.766 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.604 | 204 | 495006 | 19.844 | ng/ul# | 82 |
| 63) 4-Nitroaniline | 15.622 | 138 | 183707 | 19.491 | ng/ul# | 82 |
| 66) 4,6-Dinitro-2-methylph... | 15.681 | 198 | 139101 | 19.215 | ng/ul# | 74 |
| 67) N-Nitrosodiphenylamine | 15.816 | 169 | 841082 | 19.869 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.504 | 248 | 299737 | 19.725 | ng/ul# | 81 |
| 69) Hexachlorobenzene | 16.616 | 284 | 354931 | 20.143 | ng/ul# | 85 |
| 70) Atrazine | 16.769 | 200 | 314054 | 19.590 | ng/ul | 94 |
| 71) Pentachlorophenol | 16.957 | 266 | 191848 | 19.008 | ng/ul | 98 |
| 72) Phenanthrene | 17.351 | 178 | 1573389 | 19.651 | ng/ul | 99 |
| 74) Anthracene | 17.445 | 178 | 1584400 | 19.908 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.369 | 216 | 440425 | 19.550 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.881 | 250 | 425782 | 19.525 | ng/uL | 99 |
| 77) Carbazole | 17.716 | 167 | 1438775 | 20.341 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.269 | 149 | 1640820 | 20.468 | ng/ul# | 98 |
| 80) Fluoranthene | 19.316 | 202 | 1906815 | 19.540 | ng/ul | 95 |
| 82) Pyrene | 19.669 | 202 | 1959988 | 19.581 | ng/ul | 94 |
| 83) Butylbenzylphthalate | 20.545 | 149 | 709445 | 20.355 | ng/ul# | 88 |
| 84) 3,3'-Dichlorobenzidine | 21.310 | 252 | 683730 | 19.668 | ng/ul# | 98 |
| 85) Benzo(a)anthracene | 21.380 | 228 | 1921270 | 19.696 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.310 | 149 | 1066310 | 20.522 | ng/ul# | 94 |
| 87) Chrysene | 21.433 | 228 | 1890621 | 19.586 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.245 | 149 | 1813041 | 20.078 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.086 | 252 | 2039947m | 19.954 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.133 | 252 | 1899322 | 19.848 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.721 | 252 | 1968807 | 20.016 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.386 | 276 | 2267322 | 19.870 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.404 | 278 | 1951673 | 19.769 | ng/ul | 96 |
| 96) Benzo(g,h,i)perylene | 27.168 | 276 | 1915886 | 19.577 | ng/ul | 96 |

09/13/21

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

**Instrument :**
BNA_P
**ClientSampleId :**
SICV621

**Manual Integrations APPROVED**

mohammad
9/9/2021 11:59:32 AM