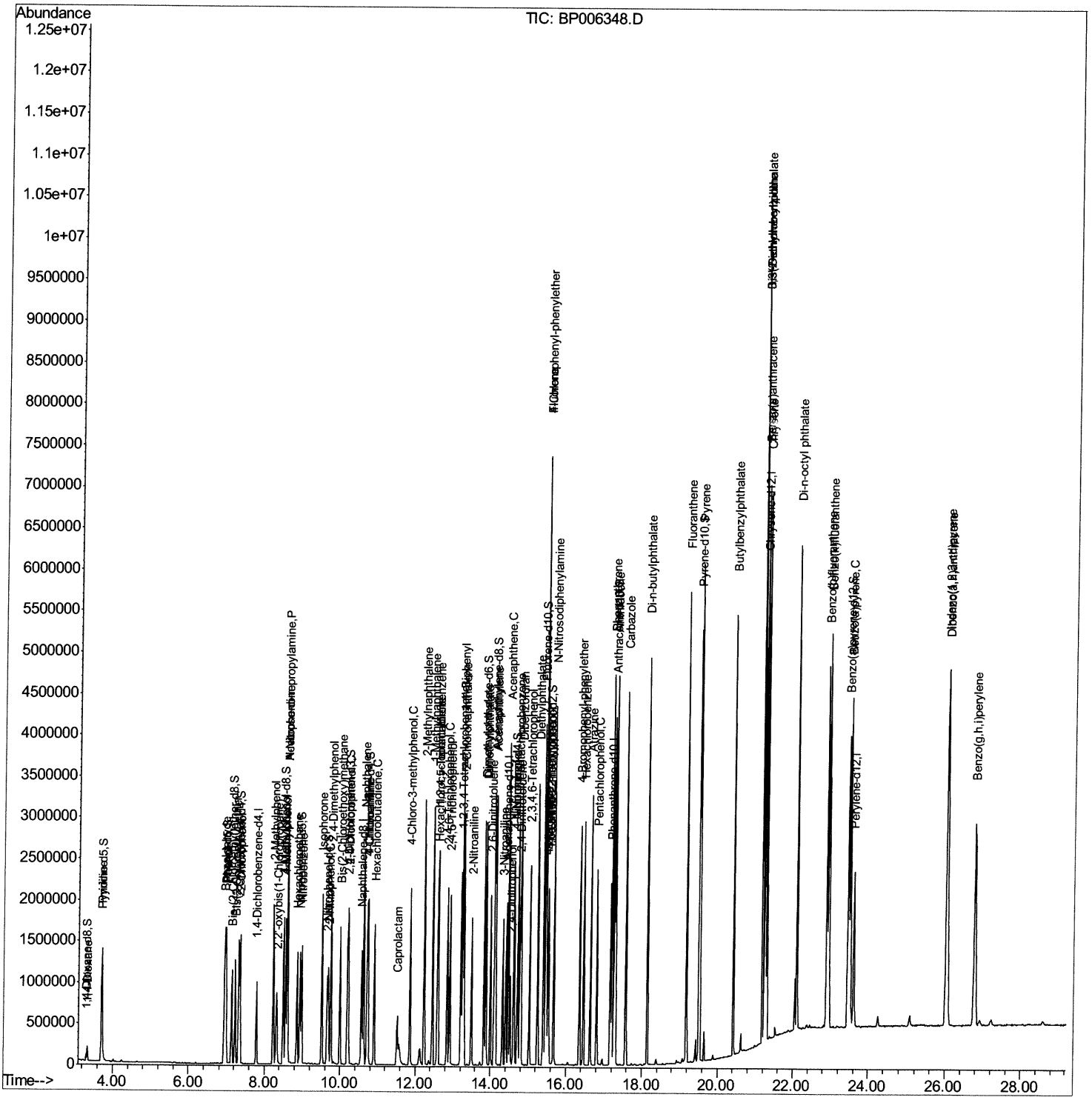
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072621\
Data File : BP006348.D
Acq On : 26 Jul 2021 20:51
Operator : CG/JU
Sample : PB137859BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 27 01:36:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS859

**Manual Integrations APPROVED**
mohammad
7/27/2021 12:05:57 PM



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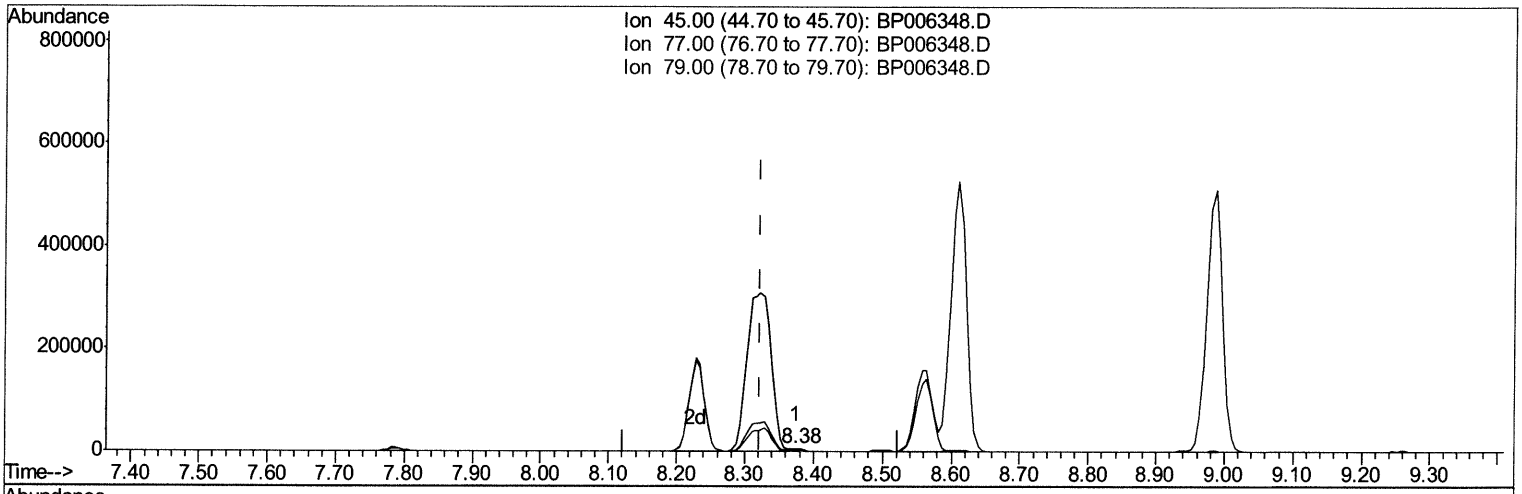


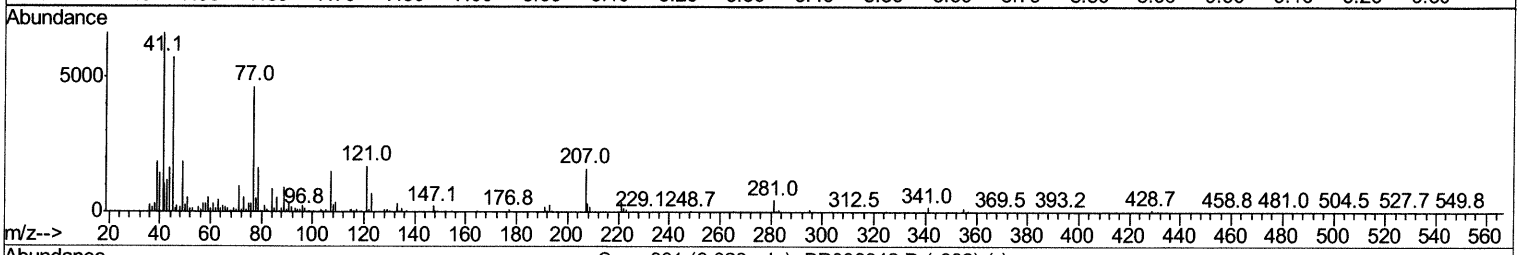


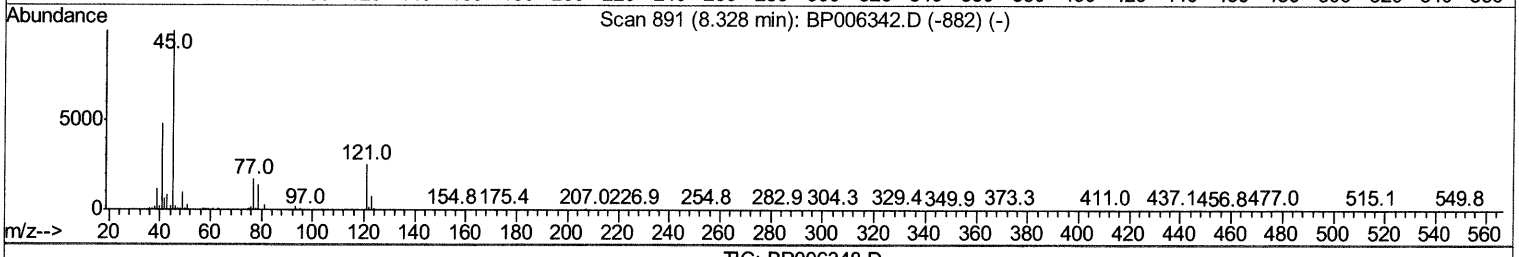


TIC: BP006348.D

(14) 2,2'-oxybis(1-Chloropropane)

8.375min (+0.053) 0.33ng/ul

response 6763

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100 | 100 |
| 77.00 | 18.20 | 80.80# |
| 79.00 | 13.30 | 28.38# |
| 0.00 | 0.00 | 0.00 |

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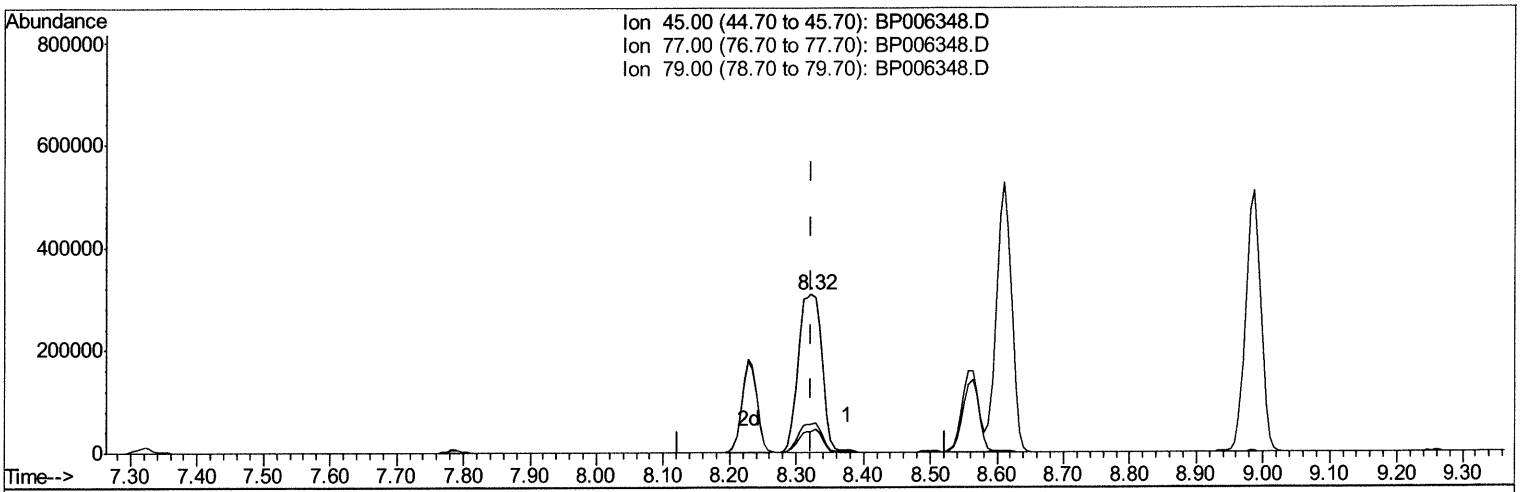


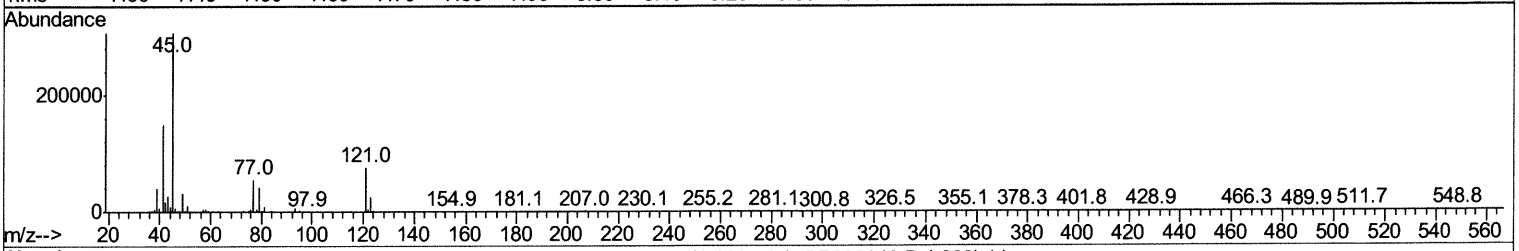


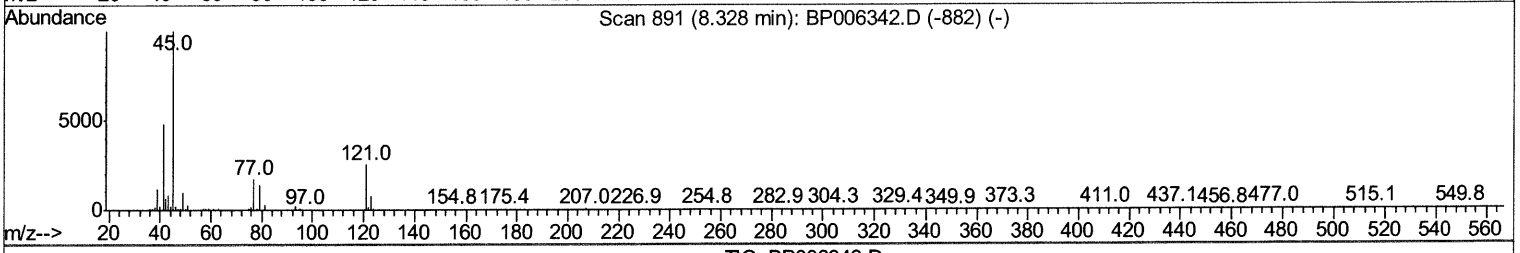


TIC: BP006348.D

(14) 2,2'-oxybis(1-Chloropropane)

8.322min (-0.000) 37.06ng/ul m 07/29/21 JU

response 758440

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100 | 100 |
| 77.00 | 18.20 | 17.93 |
| 79.00 | 13.30 | 13.48 |
| 0.00 | 0.00 | 0.00 |

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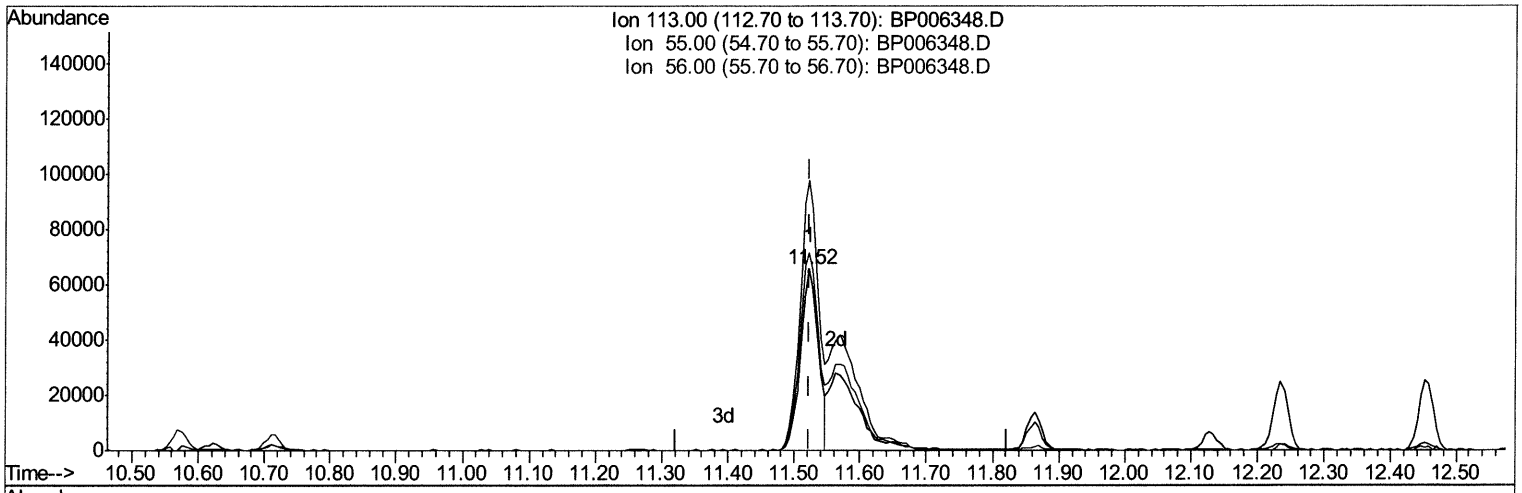


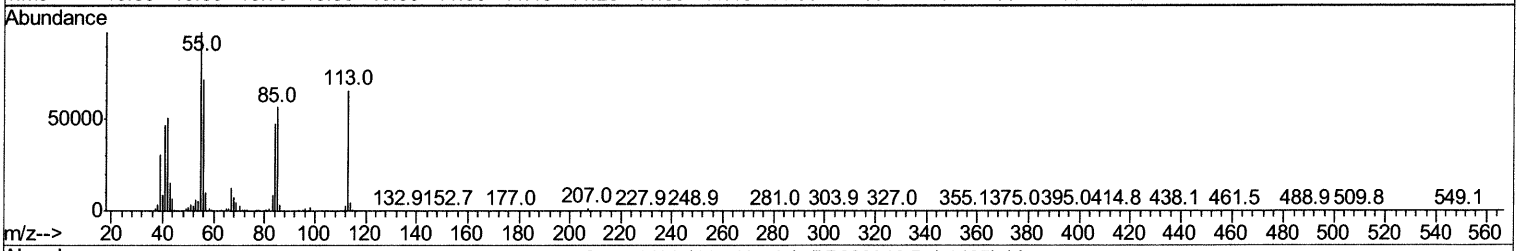


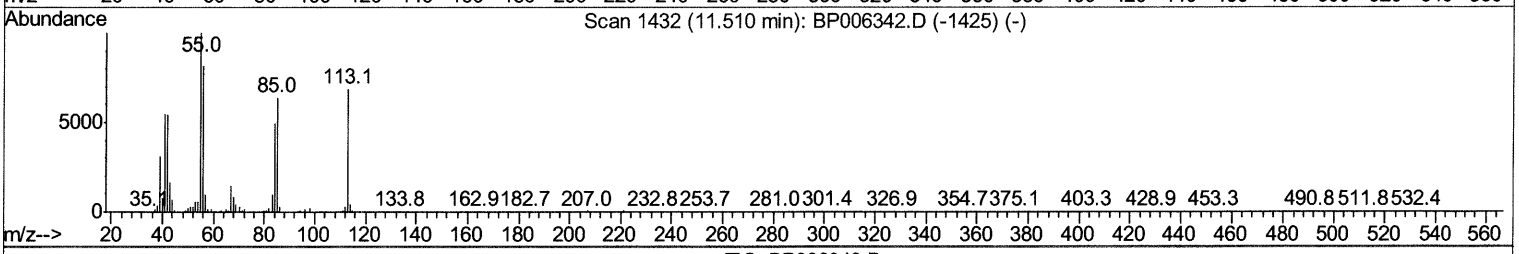


TIC: BP006348.D

(34) Caprolactam

11.522min (-0.000) 24.02ng/ul

response 122811

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 140.20 | 148.68 |
| 56.00 | 111.50 | 108.79 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**ClientSampleId :**
SLCS859

**Manual Integrations APPROVED**
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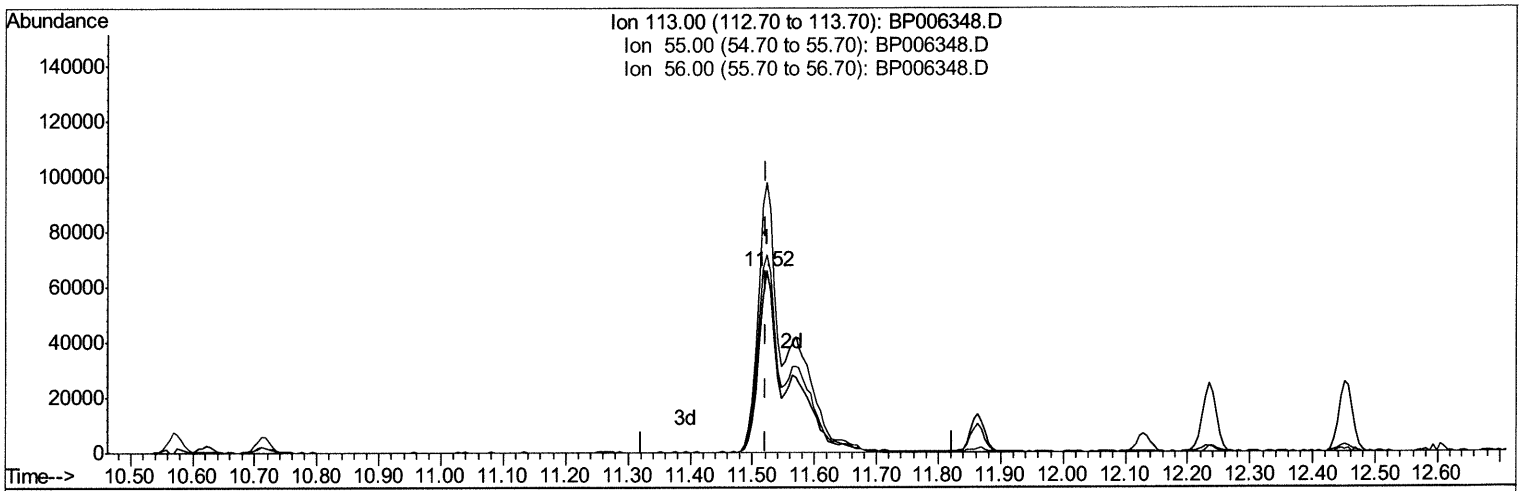


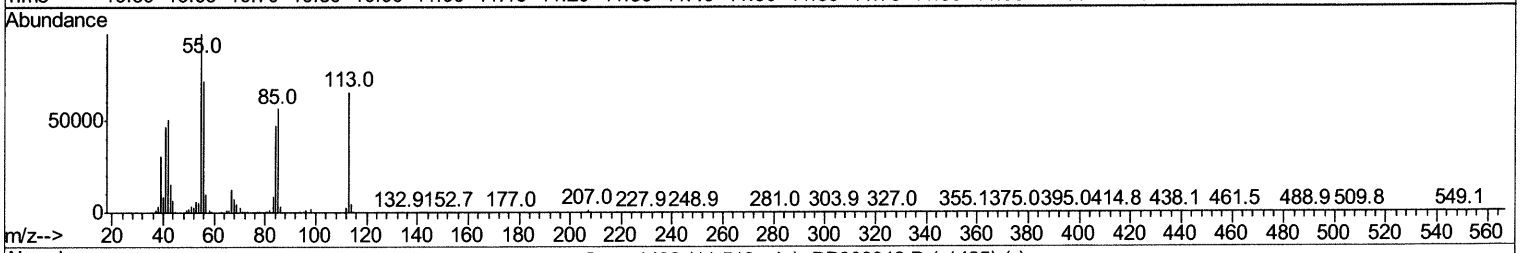


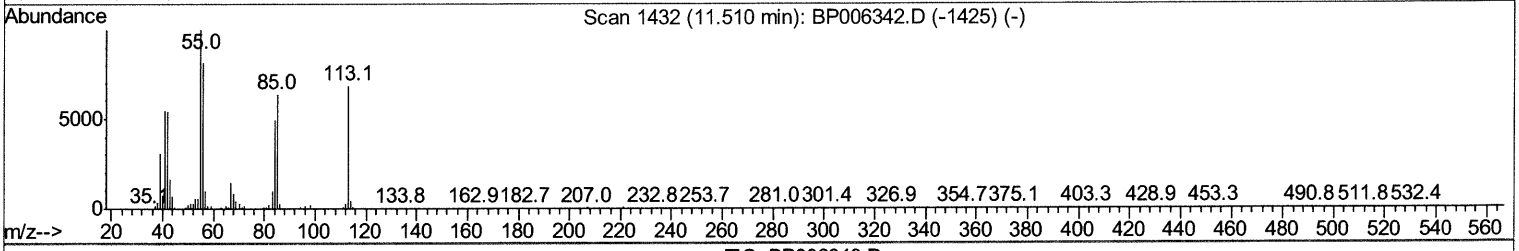


TIC: BP006348.D

(34) Caprolactam

11.522min (-0.000) 41.85ng/ul m 07/29/21 JU

response 213992

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 140.20 | 148.68 |
| 56.00 | 111.50 | 108.79 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :** BNA_P
**ClientSampleId :** SLCS859

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 242591 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.57 | 136 | 1083338 | 20.00 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.42 | 164 | 640758 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.17 | 188 | 1248113 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.26 | 240 | 1191128 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.60 | 264 | 1209261 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 42782 | 6.58 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.70 | 84 | 649608 | 33.67 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.96 | 99 | 838109 | 36.79 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.13 | 67 | 519835 | 36.67 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.32 | 132 | 633532 | 37.43 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.50 | 113 | 665608 | 37.15 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.95 | 128 | 312795 | 38.78 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.66 | 143 | 313664 | 40.72 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.19 | 165 | 568584 | 37.67 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.72 | 131 | 870422 | 35.03 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.83 | 166 | 1780397 | 39.04 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.10 | 160 | 2201686 | 39.30 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.62 | 143 | 367901 | 40.63 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.41 | 176 | 1468902 | 38.31 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 269601 | 38.75 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.26 | 188 | 2250095 | 39.94 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.50 | 212 | 2505102 | 40.89 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.46 | 264 | 2435673 | 39.64 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 88852 | 12.949 | ng/uL | 96 |
| 5) Pyridine | 3.72 | 79 | 661827 | 32.893 | ng/ul | 98 |
| 6) Benzaldehyde | 6.93 | 77 | 508573 | 40.912 | ng/ul | 97 |
| 8) Phenol | 6.99 | 94 | 852850 | 36.620 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.22 | 93 | 651728 | 35.576 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.35 | 128 | 640309 | 37.312 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.23 | 108 | 615947 | 36.243 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.32 | 45 | 758440m | > 37.059 | ng/ul | > 07/29/21 JU |
| 16) Acetophenone | 8.61 | 105 | 1007530 | 36.568 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propylamine | 8.60 | 70 | 564083 | 39.134 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.56 | 108 | 678720 | 37.192 | ng/ul | 99 |
| 19) Hexachloroethane | 8.86 | 117 | 259898 | 37.024 | ng/ul | 99 |
| 22) Nitrobenzene | 8.99 | 77 | 813251 | 38.858 | ng/ul | 99 |
| 23) Isophorone | 9.52 | 82 | 1489900 | 39.821 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.69 | 139 | 336573 | 39.627 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.76 | 107 | 720884 | 35.789 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)methane | 10.00 | 93 | 901104 | 37.504 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.22 | 162 | 559160 | 37.761 | ng/ul | 99 |
| 30) Naphthalene | 10.62 | 128 | 2023473 | 36.000 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.74 | 127 | 835845 | 34.147 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.91 | 225 | 319723 | 35.392 | ng/ul | 99 |
| 34) Caprolactam | 11.52 | 113 | 213992m | > 41.852 | ng/ul | > 07/29/21 JU |

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**Manual Integrations APPROVED**
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7/27/2021 12:05:57 PM

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 11.86 | 107 | 715695 | 40.487 ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.23 | 142 | 1425470 | 37.012 ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.45 | 142 | 1395570 | 35.999 ng/ul | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.60 | 216 | 621654 | 36.001 ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.58 | 237 | 347920 | 30.973 ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.85 | 196 | 421857 | 39.426 ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.92 | 196 | 462510 | 39.507 ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.25 | 154 | 1771327 | 36.878 ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.29 | 162 | 1325432 | 36.548 ng/ul | 98 |
| 45) 2-Nitroaniline | 13.50 | 65 | 475872 | 44.421 ng/ul | 98 |
| 47) Dimethylphthalate | 13.89 | 163 | 1749013 | 39.072 ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.00 | 165 | 350398 | 42.817 ng/ul | 95 |
| 50) Acenaphthylene | 14.13 | 152 | 2074407 | 38.019 ng/ul | 100 |
| 51) 3-Nitroaniline | 14.32 | 138 | 377267 | 39.345 ng/ul | 96 |
| 52) Acenaphthene | 14.48 | 153 | 1505660 | 37.611 ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.53 | 184 | 183547 | 37.817 ng/ul | 97 |
| 55) 4-Nitrophenol | 14.63 | 109 | 318002 | 43.418 ng/ul | 95 |
| 56) Dibenzofuran | 14.82 | 168 | 2010098 | 37.441 ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.78 | 165 | 508856 | 43.512 ng/ul | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.04 | 232 | 372215 | 40.770 ng/ul | 97 |
| 59) Diethylphthalate | 15.26 | 149 | 1881582 | 40.582 ng/ul | 100 |
| 61) Fluorene | 15.46 | 166 | 1682500 | 38.099 ng/ul | 100 |
| 62) 4-Chlorophenyl-phenylether | 15.47 | 204 | 766520 | 37.231 ng/ul | 99 |
| 63) 4-Nitroaniline | 15.49 | 138 | 411974 | 43.745 ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylphenol | 15.55 | 198 | 267170 | 39.279 ng/ul# | 96 |
| 67) N-Nitrosodiphenylamine | 15.68 | 169 | 1444931 | 38.970 ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.36 | 248 | 449824 | 45.003 ng/ul | 97 |
| 69) Hexachlorobenzene | 16.46 | 284 | 519515 | 38.755 ng/ul | 97 |
| 70) Atrazine | 16.65 | 200 | 516757 | 40.273 ng/ul | 99 |
| 71) Pentachlorophenol | 16.81 | 266 | 329339 | 39.081 ng/ul | 99 |
| 72) Phenanthrene | 17.21 | 178 | 2626052 | 39.183 ng/ul | 99 |
| 74) Anthracene | 17.30 | 178 | 2647806 | 38.964 ng/ul | 99 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.21 | 216 | 625874 | 36.583 ng/uL | 99 |
| 76) Pentachlorobenzene | 14.73 | 250 | 621019 | 37.235 ng/uL | 98 |
| 77) Carbazole | 17.57 | 167 | 2483136 | 39.945 ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.14 | 149 | 3231563 | 43.496 ng/ul | 99 |
| 80) Fluoranthene | 19.18 | 202 | 2977988 | 39.448 ng/ul | 99 |
| 82) Pyrene | 19.53 | 202 | 3051879 | 38.959 ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.43 | 149 | 1437118 | 44.712 ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.19 | 252 | 997385 | 38.003 ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.25 | 228 | 2905678 | 39.368 ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 2241334 | 44.538 ng/ul | 99 |
| 87) Chrysene | 21.30 | 228 | 2803527 | 39.627 ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.10 | 149 | 3733392 | 44.302 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.90 | 252 | 3106829 | 40.449 ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.94 | 252 | 2855105 | 39.165 ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.50 | 252 | 2694070 | 40.127 ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.04 | 276 | 3400667 | 39.570 ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.06 | 278 | 2879456 | 39.559 ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.78 | 276 | 2819393 | 39.706 ng/ul | 97 |

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7/27/2021 12:05:57 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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