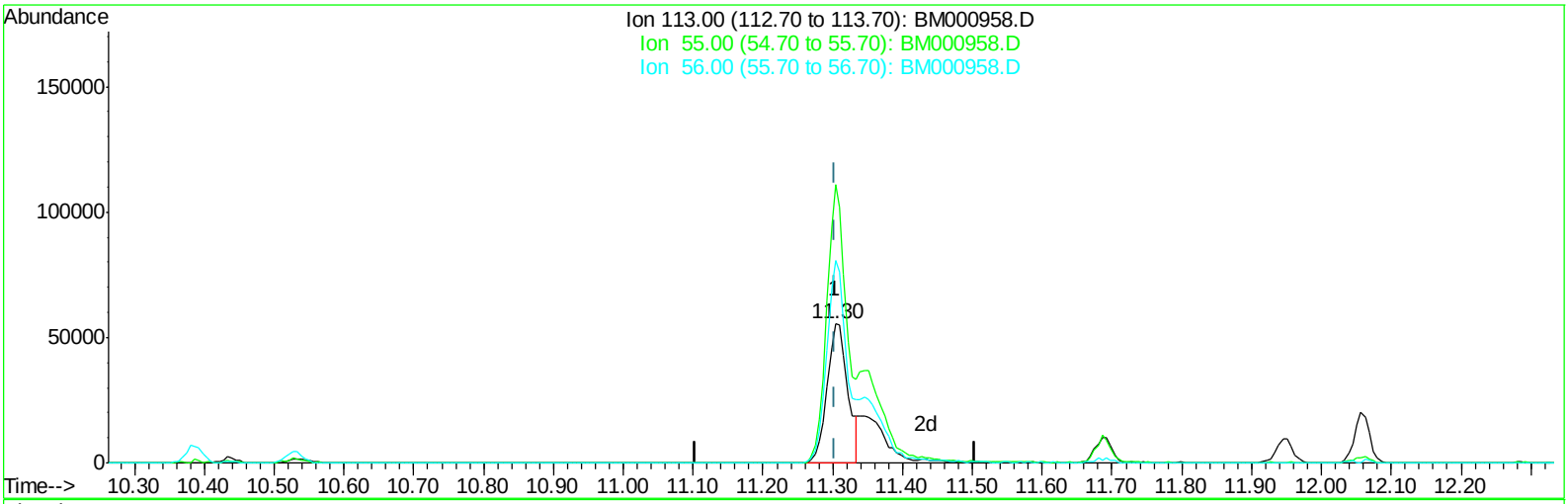
Quantitation Report (Qedit)

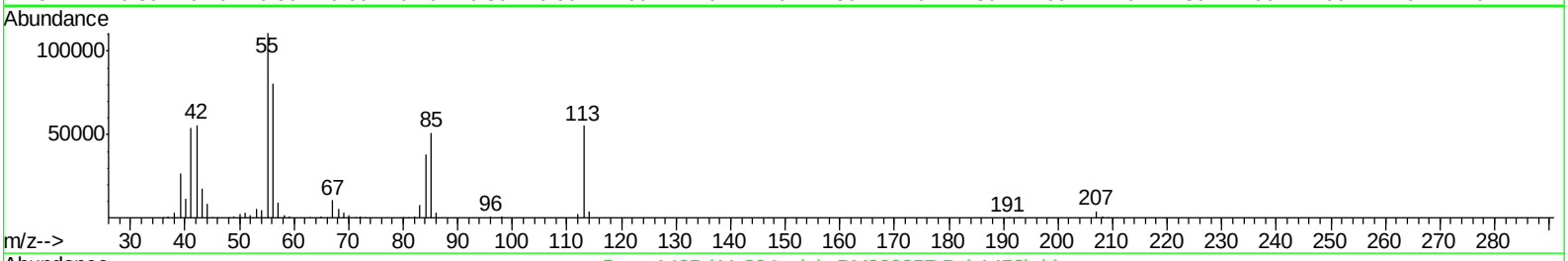
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000958.D
Acq On : 13 Apr 2015 20:46
Operator : TP/IZ
Sample : SSTD04014
Misc :
ALS Vial : 8 Sample Multiplier: 1

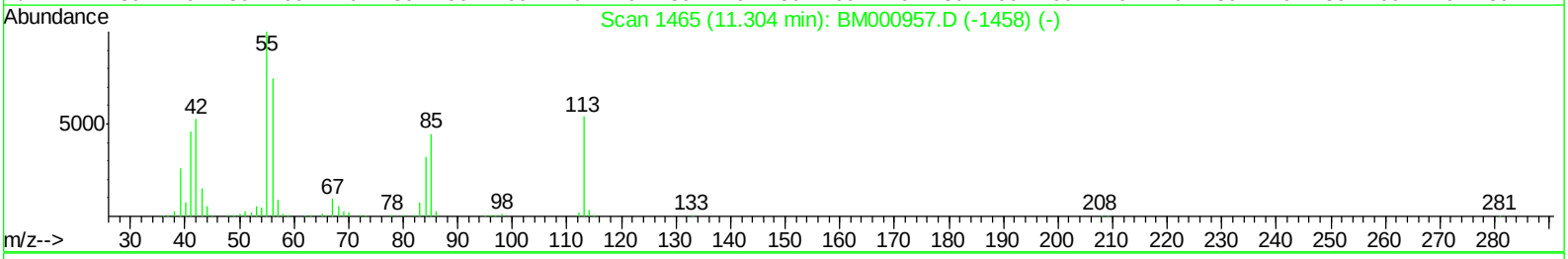
Quant Time: Apr 14 08:11:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 14 07:52:58 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**LabSampleId :**
SSTD04014

**Manual Integrations APPROVED**
apatel
4/16/2015 8:52:29 AM




TIC: BM000958.D

(32) Caprolactam

11.304min (-0.000) 29.92ng/ul

response 113553

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 187.60 | 200.29 |
| 56.00 | 140.20 | 145.24 |
| 0.00 | 0.00 | 0.00 |

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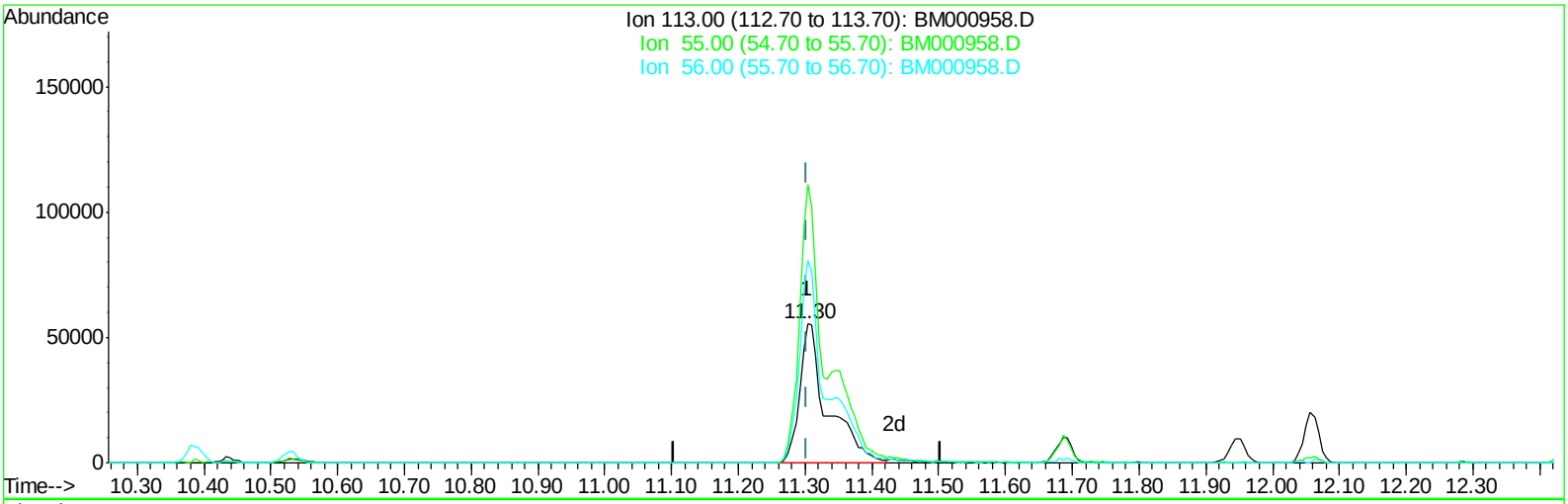


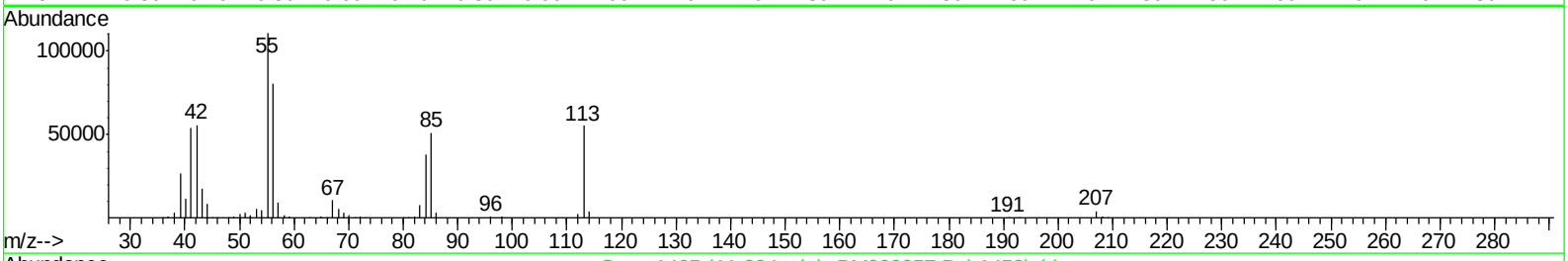


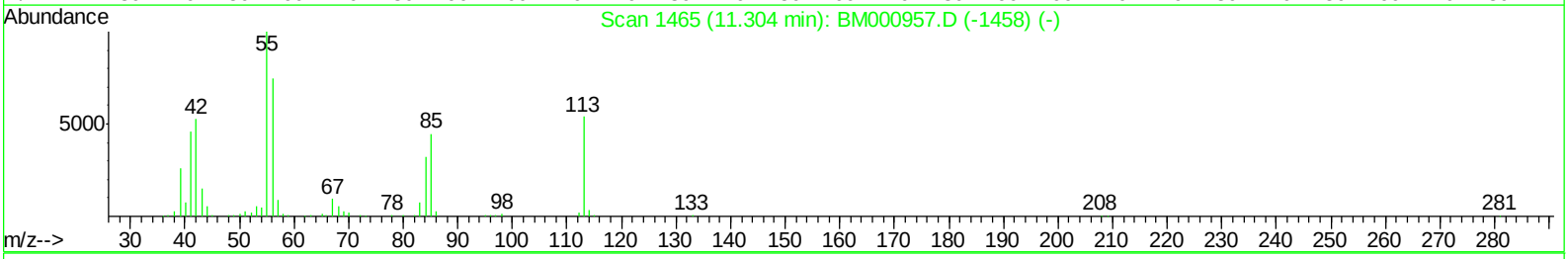


TIC: BM000958.D

(32) Caprolactam

11.304min (-0.000) 42.51ng/ul m

response 161361

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 187.60 | 200.29 |
| 56.00 | 140.20 | 145.24 |
| 0.00 | 0.00 | 0.00 |

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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 14 07:52:58 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**LabSampleId :**
SSTD04014

**Manual Integrations APPROVED**
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4/16/2015 8:52:29 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 218328 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.39 | 136 | 910741 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.26 | 164 | 511539 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.01 | 188 | 1098060 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.20 | 240 | 1185979 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.39 | 264 | 1117397 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.07 | 96 | 72768 | 14.94 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 689252 | 38.05 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 412972 | 33.55 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.14 | 132 | 565260 | 42.60 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.32 | 113 | 543071 | 38.89 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.76 | 128 | 259093 | 38.49 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.48 | 143 | 287814 | 44.40 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 546682 | 40.05 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.53 | 131 | 673698 | 40.27 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.67 | 166 | 1375433 | 38.16 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.95 | 160 | 1990623 | 43.65 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.47 | 143 | 260057 | 43.12 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.26 | 176 | 1352647 | 41.02 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 250621 | 42.56 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.11 | 188 | 2039181 | 39.54 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.41 | 212 | 2174300 | 41.16 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.24 | 264 | 1996131 | 39.57 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.11 | 88 | 81979 | 12.79 | ng/uL | 98 |
| 4) Benzaldehyde | 6.75 | 77 | 388863 | 29.65 | ng/ul | 99 |
| 6) Phenol | 6.81 | 94 | 751800 | 39.31 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.03 | 93 | 586197 | 37.80 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.17 | 128 | 604965 | 43.16 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.05 | 108 | 555505 | 39.15 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.15 | 45 | 1003958 | 36.47 | ng/ul | 98 |
| 14) Acetophenone | 8.43 | 105 | 885497 | 33.11 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.42 | 70 | 437646 | 32.01 | ng/ul | 96 |
| 16) 4-Methylphenol | 8.38 | 108 | 612487 | 39.25 | ng/ul | 100 |
| 17) Hexachloroethane | 8.67 | 117 | 234811 | 33.71 | ng/ul | 97 |
| 20) Nitrobenzene | 8.80 | 77 | 663699 | 31.62 | ng/ul | 98 |
| 21) Isophorone | 9.32 | 82 | 1171059 | 32.54 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.51 | 139 | 323794 | 45.26 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.57 | 107 | 651671 | 35.02 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.81 | 93 | 749240 | 37.14 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.04 | 162 | 549791 | 39.93 | ng/ul | 97 |
| 28) Naphthalene | 10.44 | 128 | 1917838 | 41.10 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.55 | 127 | 703310 | 39.72 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.72 | 225 | 325863 | 31.09 | ng/ul | 99 |
| 32) Caprolactam | 11.30 | 113 | 161361m | 42.51 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.69 | 107 | 575217 | 34.50 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.06 | 142 | 1338312 | 37.95 | ng/ul | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.44 | 216 | 636690 | 42.68 | ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.42 | 237 | 359206 | 38.69 | ng/ul | 100 |
| 38) 2,4,6-Trichlorophenol | 12.69 | 196 | 389577 | 45.58 | ng/ul | 99 |
| 39) 2,4,5-Trichlorophenol | 12.75 | 196 | 430814 | 44.21 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.09 | 154 | 1725976 | 45.48 | ng/ul | 100 |
| 41) 2-Chloronaphthalene | 13.13 | 162 | 1318197 | 44.90 | ng/ul | 98 |
| 42) 2-Nitroaniline | 13.34 | 65 | 383192 | 38.62 | ng/ul | 96 |
| 44) Dimethylphthalate | 13.73 | 163 | 1565415 | 41.36 | ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 13.85 | 165 | 320233 | 45.59 | ng/ul | 97 |
| 47) Acenaphthylene | 13.98 | 152 | 2185818 | 44.97 | ng/ul | 98 |
| 48) 3-Nitroaniline | 14.17 | 138 | 340243 | 46.14 | ng/ul | 99 |
| 49) Acenaphthene | 14.33 | 153 | 1419478 | 44.64 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.39 | 184 | 163388 | 44.18 | ng/ul | 99 |
| 52) 4-Nitrophenol | 14.49 | 109 | 204170 | 23.42 | ng/ul | 96 |
| 53) Dibenzofuran | 14.66 | 168 | 1985634 | 42.94 | ng/ul | 100 |
| 54) 2,4-Dinitrotoluene | 14.64 | 165 | 469445 | 42.73 | ng/ul | 100 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.89 | 232 | 354448 | 43.46 | ng/ul | 96 |
| 56) Diethylphthalate | 15.10 | 149 | 1589358 | 40.62 | ng/ul | 99 |
| 58) Fluorene | 15.32 | 166 | 1635301 | 42.56 | ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.31 | 204 | 773009 | 40.63 | ng/ul | 99 |
| 60) 4-Nitroaniline | 15.34 | 138 | 337075 | 42.25 | ng/ul | 97 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 198 | 278304 | 44.82 | ng/ul | 98 |
| 64) N-Nitrosodiphenylamine | 15.53 | 169 | 1383848 | 43.95 | ng/ul | 100 |
| 65) 4-Bromophenyl-phenylether | 16.20 | 248 | 441772 | 38.58 | ng/ul | 100 |
| 66) Hexachlorobenzene | 16.32 | 284 | 479230 | 35.68 | ng/ul | 98 |
| 67) Atrazine | 16.48 | 200 | 456250 | 42.22 | ng/ul | 98 |
| 68) Pentachlorophenol | 16.66 | 266 | 263087 | 38.37 | ng/ul | 98 |
| 69) Phenanthrene | 17.05 | 178 | 2522914 | 40.87 | ng/ul | 99 |
| 71) Anthracene | 17.14 | 178 | 2604733 | 41.16 | ng/ul | 100 |
| 72) Carbazole | 17.42 | 167 | 2349807 | 42.79 | ng/ul | 100 |
| 73) Di-n-butylphthalate | 17.98 | 149 | 2701792 | 44.10 | ng/ul | 99 |
| 74) Fluoranthene | 19.07 | 202 | 2857112 | 39.91 | ng/ul | 98 |
| 77) Pyrene | 19.44 | 202 | 3004497 | 42.36 | ng/ul | 100 |
| 78) Butylbenzylphthalate | 20.34 | 149 | 1216794 | 52.39 | ng/ul | 99 |
| 79) 3,3'-Dichlorobenzidine | 21.13 | 252 | 836160 | 47.45 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.19 | 228 | 2841764 | 40.81 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 1816552 | 51.40 | ng/ul | 99 |
| 82) Chrysene | 21.24 | 228 | 2691672 | 40.97 | ng/ul | 99 |
| 84) Di-n-octyl phthalate | 21.99 | 149 | 3088352 | 50.31 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.73 | 252 | 2860804 | 42.40 | ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 22.77 | 252 | 2592632 | 39.29 | ng/ul | 100 |
| 88) Benzo(a)pyrene | 23.29 | 252 | 2649145 | 41.14 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 25.57 | 276 | 2899078 | 41.39 | ng/ul | 99 |
| 90) Dibenzo(a,h)anthracene | 25.58 | 278 | 2433909 | 41.40 | ng/ul | 99 |
| 91) Benzo(g,h,i)perylene | 26.23 | 276 | 2456835 | 42.15 | ng/ul | 98 |

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

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