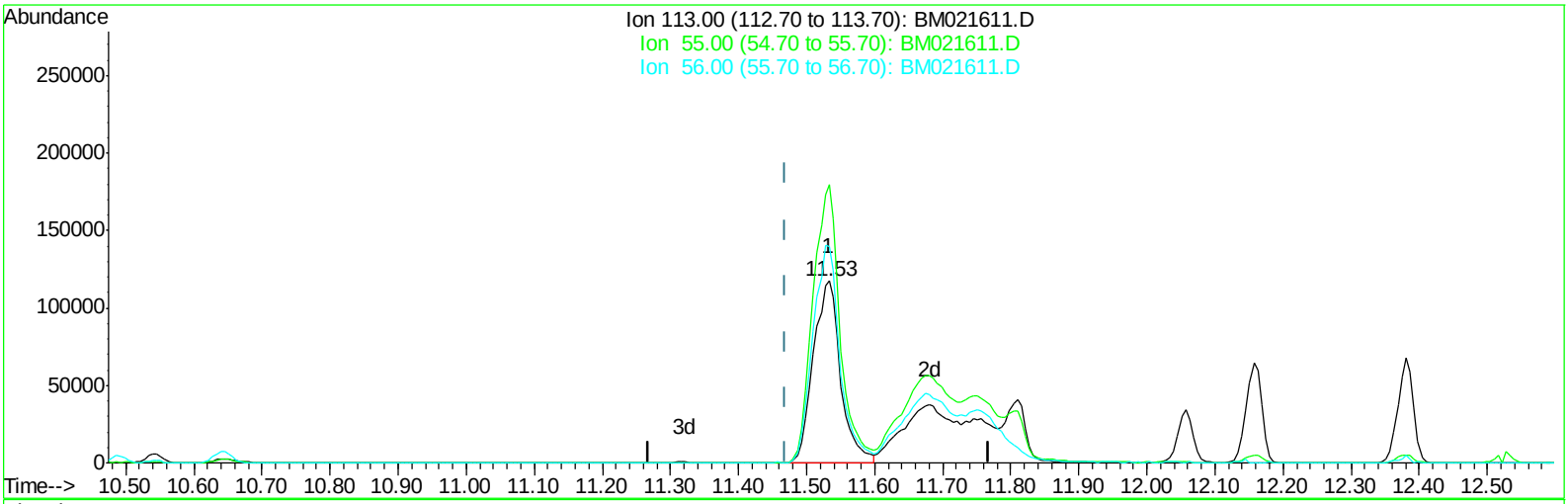
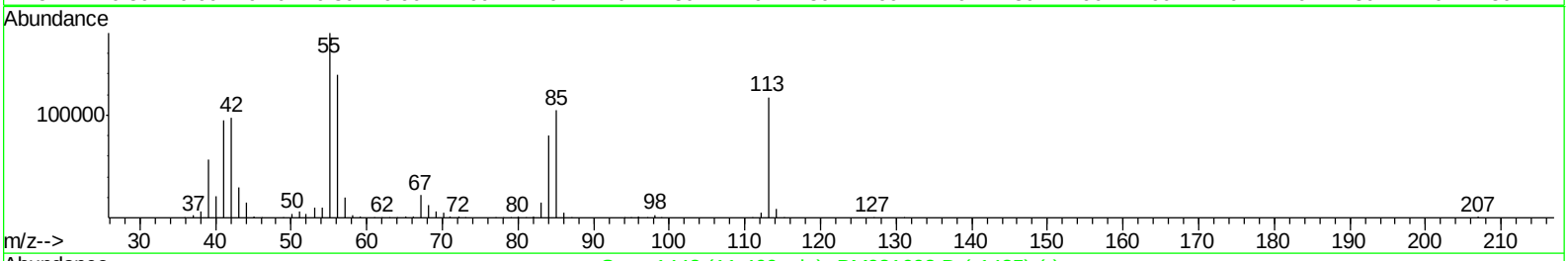
Quantitation Report (Qedit)

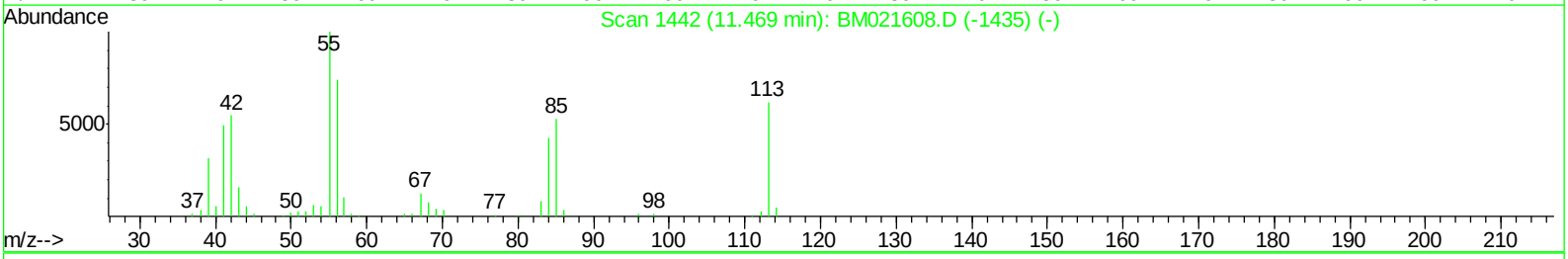
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072319\
Data File : BM021611.D
Acq On : 23 Jul 2019 12:26
Operator : HP/JU
Sample : SSTD16034

Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 23 12:58:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 23 11:52:52 2019
Response via : Initial Calibration




TIC: BM021611.D

(32) Caprolactam

11.533min (+0.064) 107.70ng/ul

response 327262

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 162.00 | 153.16 |
| 56.00 | 119.40 | 118.93 |
| 0.00 | 0.00 | 0.00 |

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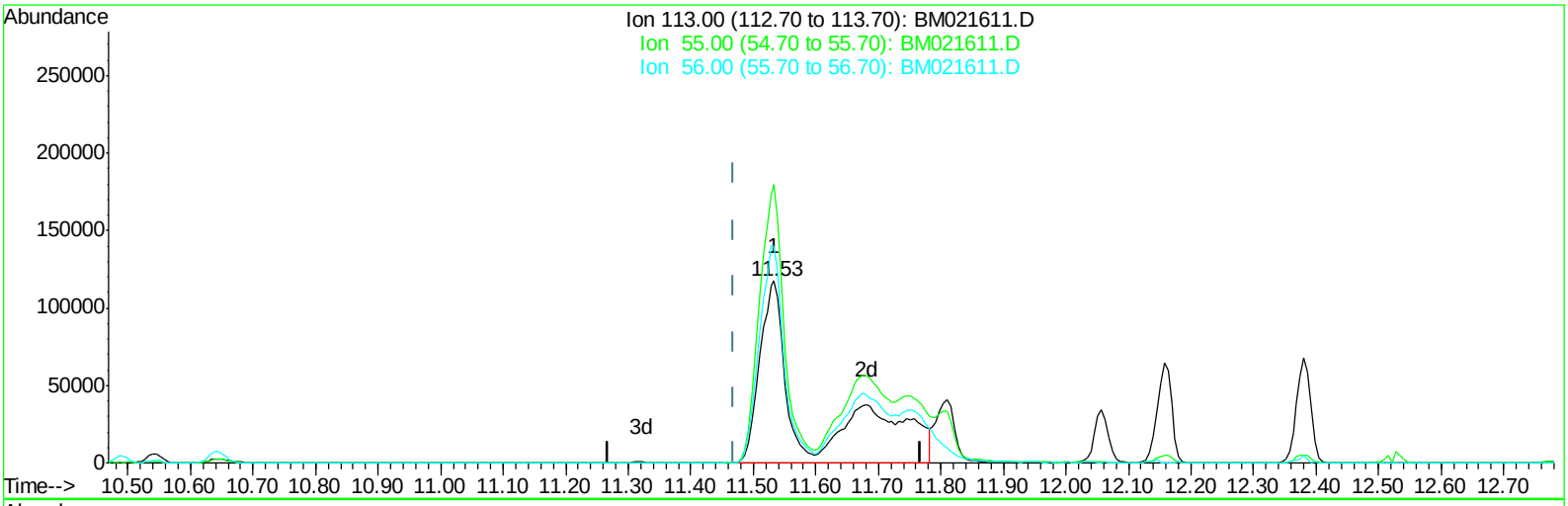


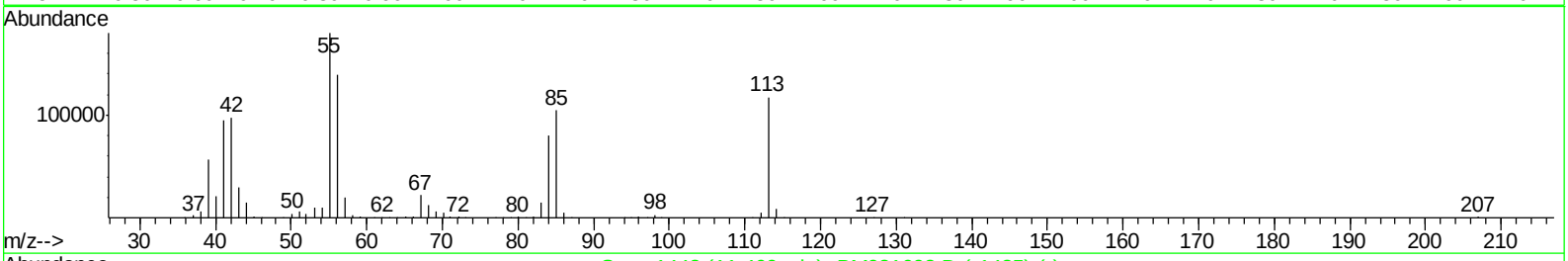


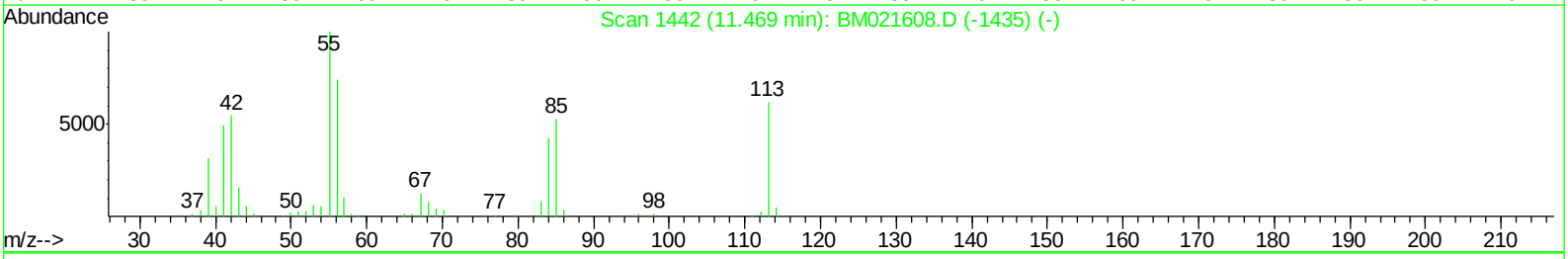


TIC: BM021611.D

(32) Caprolactam

11.533min (+0.064) 198.93ng/ul m

response 604502

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 162.00 | 153.16 |
| 56.00 | 119.40 | 118.93 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072319\
Data File : BM021611.D
Acq On : 23 Jul 2019 12:26
Operator : HP/JU
Sample : SSTD16034

Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 23 13:05:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 23 11:52:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 140744 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.49 | 136 | 685248 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.35 | 164 | 460809 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.11 | 188 | 1155845 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.30 | 240 | 1359510 | 20.00 | ng/ul | 0.01 |
| 85) Perylene-d12 | 23.55 | 264 | 1560729 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.89 | 99 | 2149022 | 196.37 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.06 | 67 | 1182192 | 182.19 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.43 | 113 | 1829366 | 209.87 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 0.00 | 128 | 0d | 0.00 | ng/ul | |
| 22) 2-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 26) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0d | 0.00 | ng/ul | |
| 29) 4-Chloroaniline-d4 | 10.65 | 131 | 1369734 | 119.01 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 0.00 | 166 | 0d | 0.00 | ng/ul | |
| 46) Acenaphthylene-d8 | 0.00 | 160 | 0d | 0.00 | ng/ul | |
| 51) 4-Nitrophenol-d4 | 14.61 | 143 | 1263120 | 197.50 | ng/ul | 0.04 |
| 57) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 1548575 | 199.30 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 78) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 89) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.87 | 77 | 669447 | 113.310 | ng/ul | 97 |
| 6) Phenol | 6.92 | 94 | 2039073 | 194.668 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.15 | 93 | 1419811 | 175.313 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.16 | 108 | 1611759 | 201.934 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.24 | 45 | 1835959 | 185.910 | ng/ul | 99 |
| 14) Acetophenone | 8.55 | 105 | 2578689 | 196.409 | ng/ul | 96 |
| 16) 4-Methylphenol | 8.50 | 108 | 1747789 | 206.537 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.67 | 127 | 1331191 | 121.007 | ng/ul | 99 |
| 32) Caprolactam | 11.53 | 113 | 604502m | 198.929 | ng/ul | |
| 37) Hexachlorocyclopentadiene | 12.49 | 237 | 1604918 | 176.037 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.30 | 138 | 1171130 | 190.241 | ng/ul | 96 |
| 50) 2,4-Dinitrophenol | 14.50 | 184 | 951476 | 231.188 | ng/ul | 95 |
| 52) 4-Nitrophenol | 14.63 | 109 | 938083 | 196.916 | ng/ul | 93 |
| 60) 4-Nitroaniline | 15.49 | 138 | 1317628 | 208.456 | ng/ul | 95 |
| 63) 4,6-Dinitro-2-methylphenol | 15.53 | 198 | 1465915 | 189.643 | ng/ul# | 88 |
| 67) Atrazine | 16.60 | 200 | 1850574 | 145.681 | ng/ul | 99 |
| 68) Pentachlorophenol | 16.76 | 266 | 1729780 | 193.005 | ng/ul | 99 |
| 74) Carbazole | 17.53 | 167 | 8999382 | 163.452 | ng/ul | 99 |
| 76) Fluoranthene | 19.17 | 202 | 12343693 | 159.502 | ng/ul | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.23 | 252 | 4896928 | 162.000 | ng/ul | 98 |
| 86) Di-n-octyl phthalate | 22.09 | 149 | 12127103 | 143.838 | ng/ul | 100 |

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

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

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