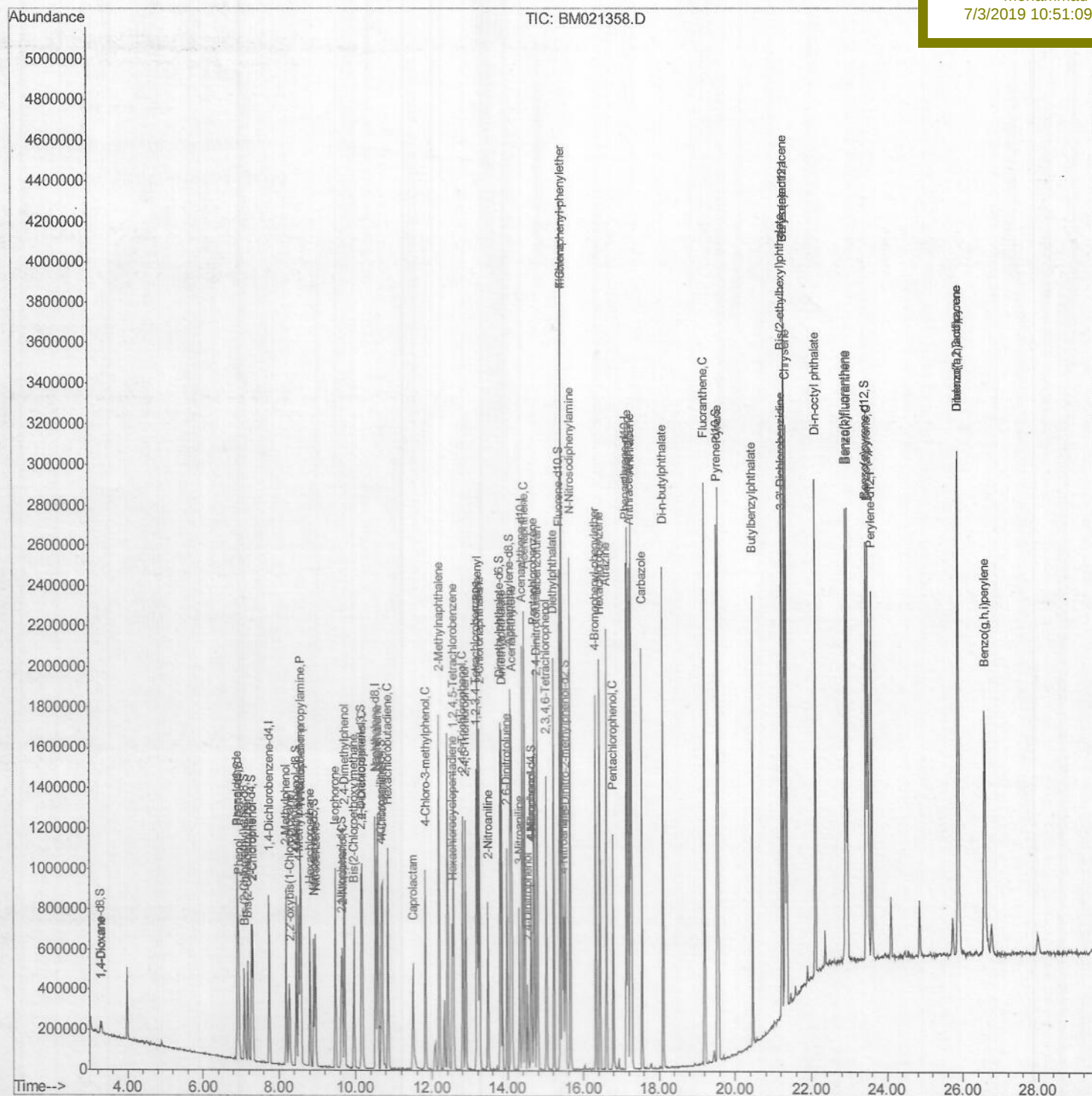


Quant Time: Jul 03 01:57:11 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 03 01:09:29 2019  
Response via : Initial Calibration

**Manual Integrations**  
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Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM070219\

Data File : BM021358.D

Acq On : 03 Jul 2019 00:15

Operator : HP/JU

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 01:13:42 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jul 03 01:09:29 2019

Response via : Initial Calibration

Instrument :

BNA\_M

LabSampleId :

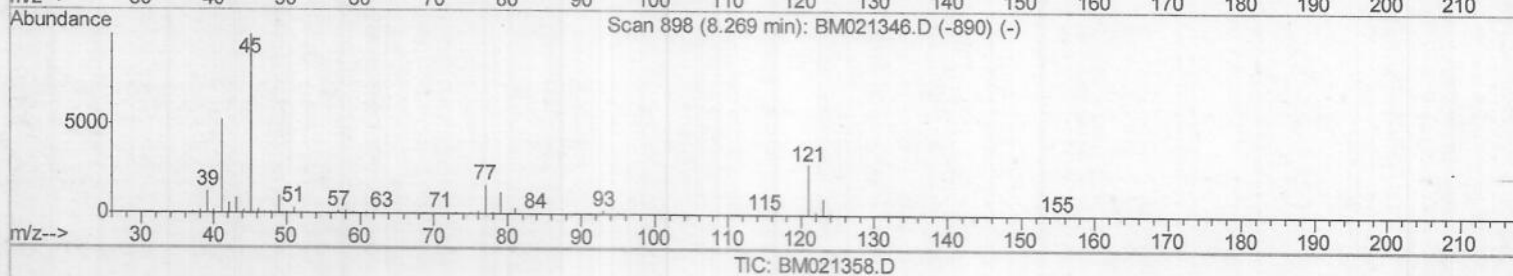
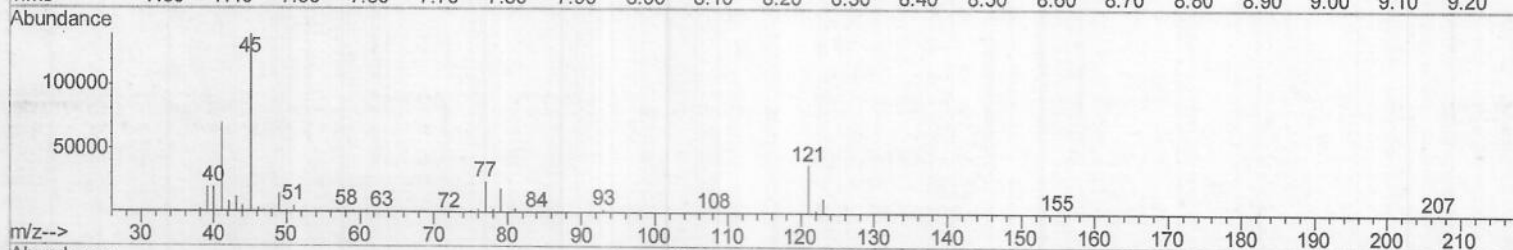
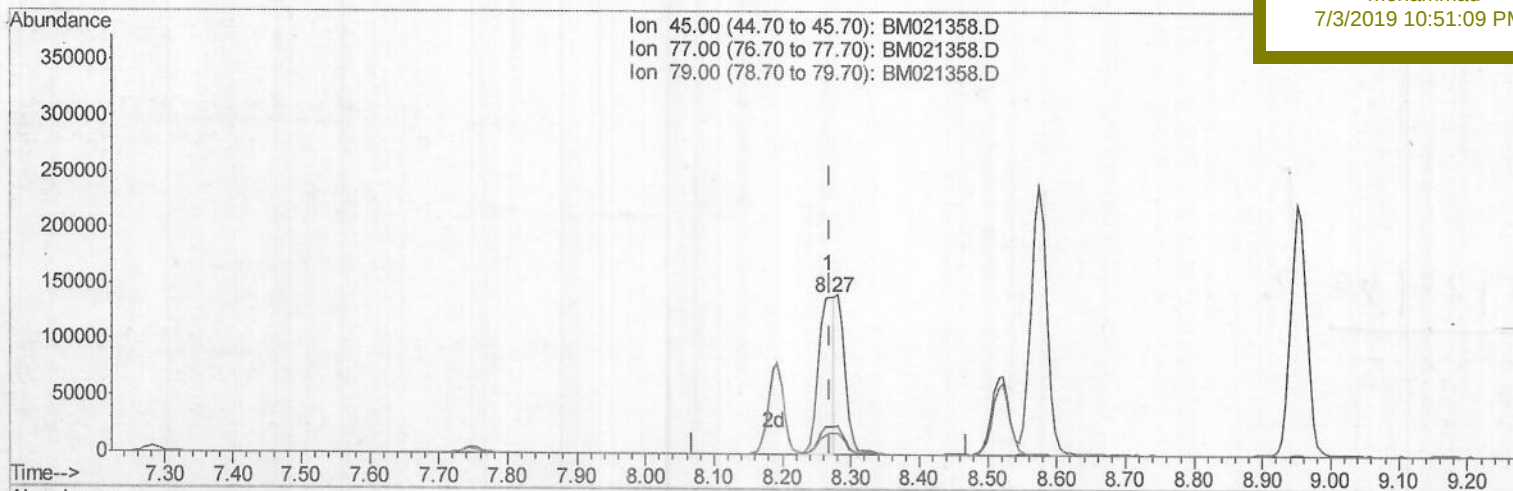
SSTD02040

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(12) 2,2'-oxybis(1-Chloropropane)

8.269min (-0.000) 12.05ng/ul

response 224757

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 45.00 | 100   | 100   |
| 77.00 | 17.20 | 17.51 |
| 79.00 | 13.40 | 13.38 |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM070219\

Data File : BM021358.D

Acq On : 03 Jul 2019 00:15

Operator : HP/JU

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 01:13:42 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jul 03 01:09:29 2019

Response via : Initial Calibration

Instrument :

BNA\_M

LabSampleId :

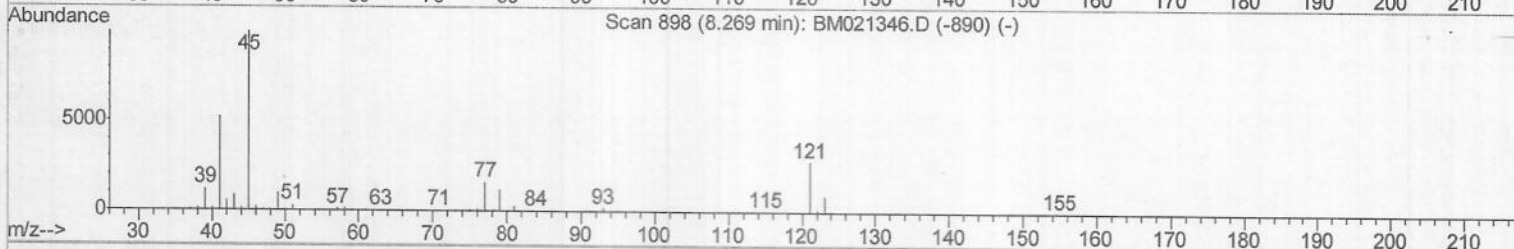
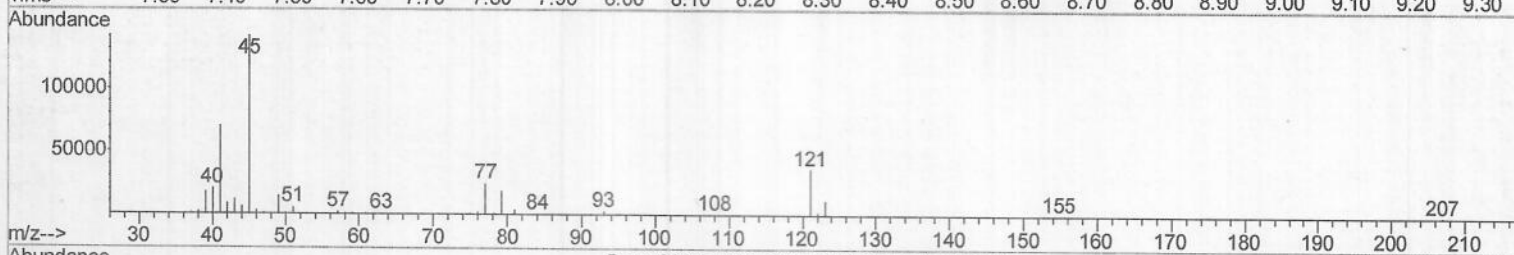
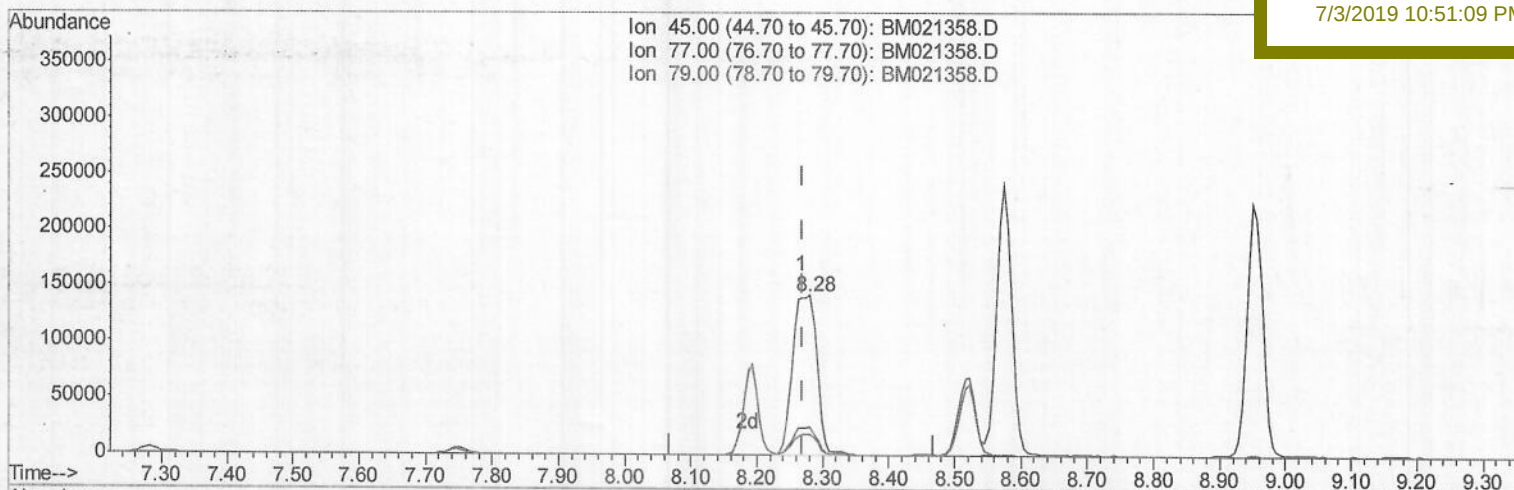
SSTD02040

Manual Integrations

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TIC: BM021358.D

(12) 2,2'-oxybis(1-Chloropropane)

8.281min (+0.012) 19.30ng/ul m

response 360173

Ion Exp% Act%

45.00 100 100

77.00 17.20 17.46

79.00 13.40 12.98

0.00 0.00 0.00

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Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM070219\

Data File : BM021358.D

Acq On : 03 Jul 2019 00:15

Operator : HP/JU

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 01:13:42 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jul 03 01:09:29 2019

Response via : Initial Calibration

Instrument :

BNA\_M

LabSampleId :

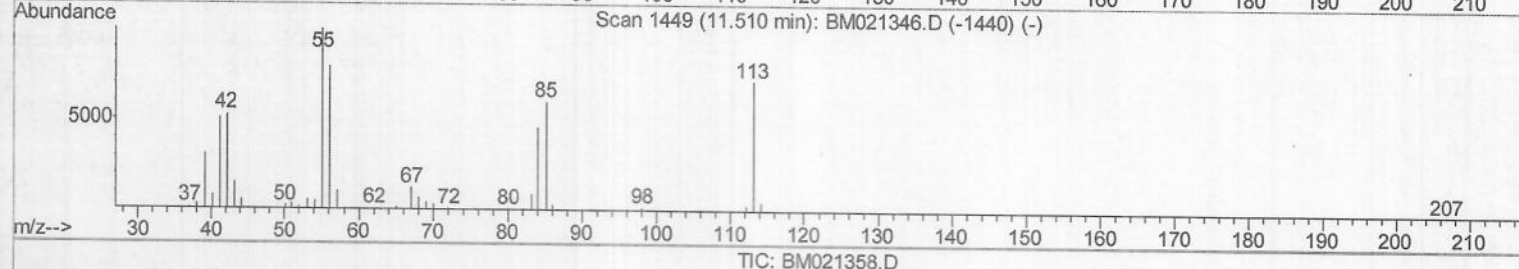
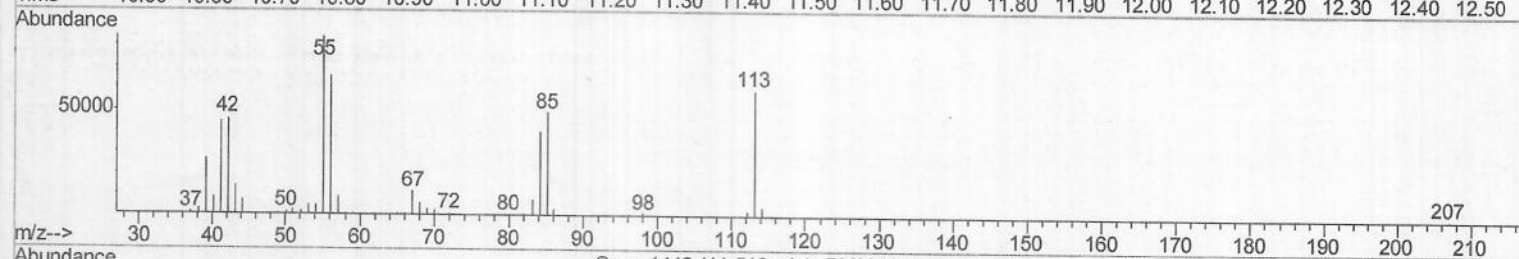
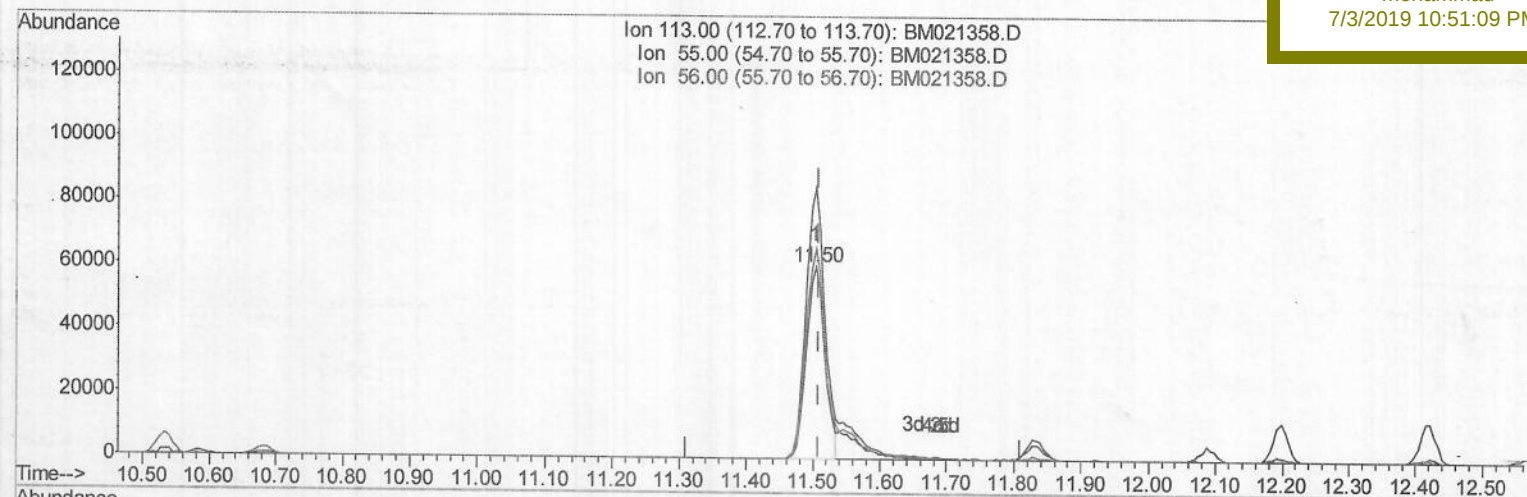
SSTD02040

Manual Integrations

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(32) Caprolactam

11.504min (-0.006) 23.90ng/ul

response 116119

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 144.70 | 140.83 |
| 56.00  | 113.80 | 109.72 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM070219\

Data File : BM021358.D

Acq On : 03 Jul 2019 00:15

Operator : HP/JU

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 01:13:42 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jul 03 01:09:29 2019

Response via : Initial Calibration

Instrument :

BNA\_M

LabSampleId :

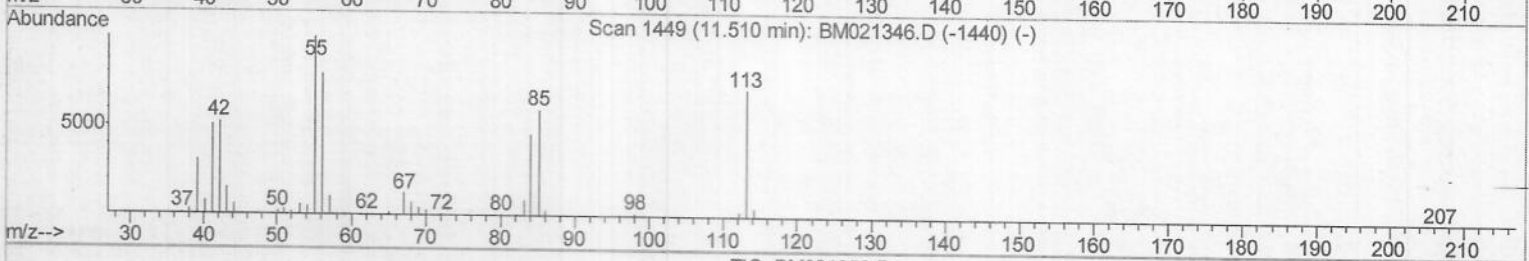
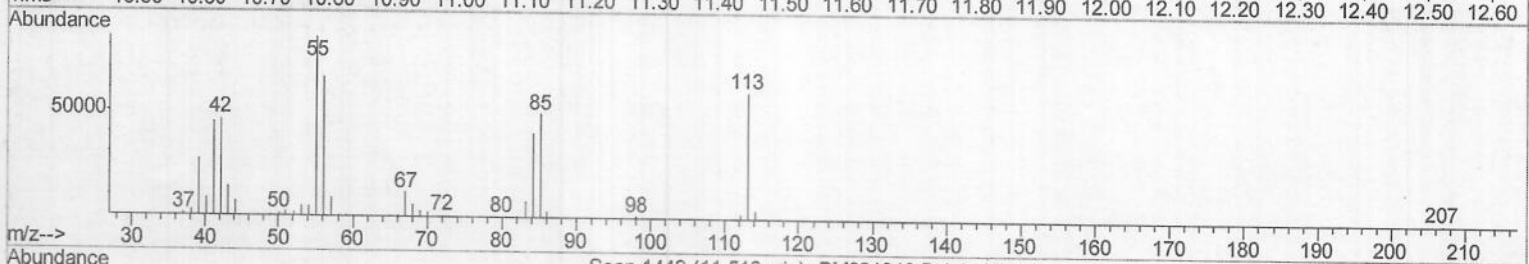
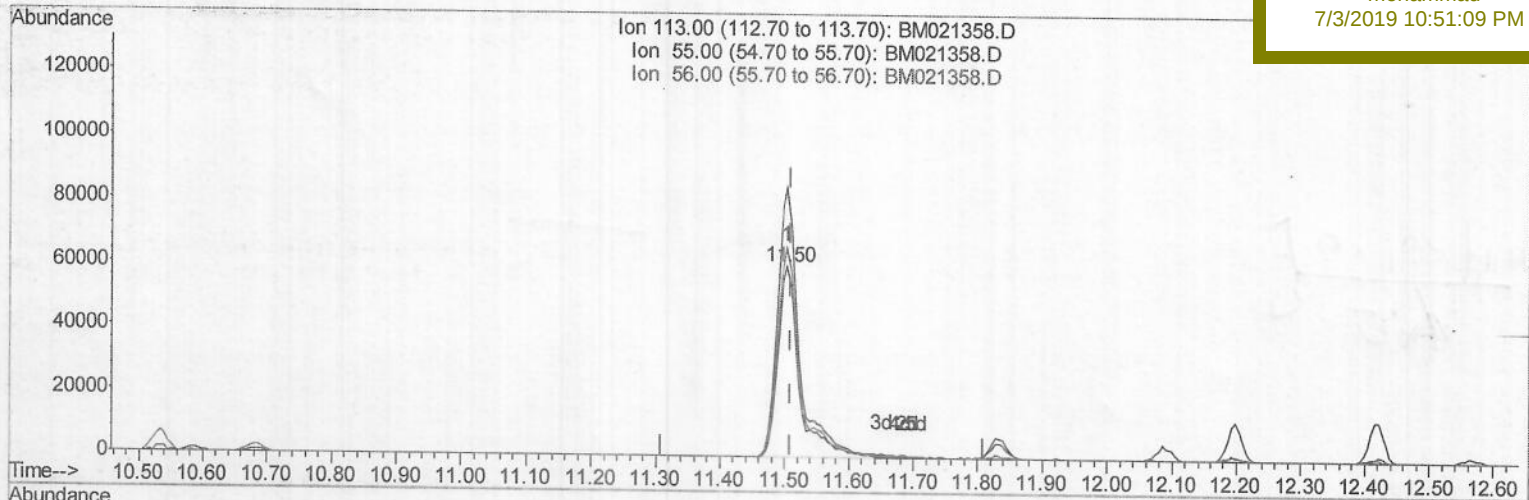
SSTD02040

Manual Integrations

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TIC: BM021358.D

(32) Caprolactam

11.504min (-0.006) 28.25ng/ul m

response 137249

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 144.70 | 140.83 |
| 56.00  | 113.80 | 109.72 |
| 0.00   | 0.00   | 0.00   |

30  
7/3/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM070219\

Data File : BM021358.D

Acq On : 03 Jul 2019 00:15

Operator : HP/JU

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 01:57:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jul 03 01:09:29 2019

Response via : Initial Calibration

Instrument :

BNA\_M

LabSampleId :

SSTD02040

Manual Integrations

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|---------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 232553   | 20.00 | ng/ul | 0.00      |
| 18) Naphthalene-d8        | 10.53 | 136  | 1035778  | 20.00 | ng/ul | 0.00      |
| 35) Acenaphthene-d10      | 14.39 | 164  | 679589   | 20.00 | ng/ul | 0.00      |
| 61) Phenanthrene-d10      | 17.14 | 188  | 1525187  | 20.00 | ng/ul | 0.00      |
| 77) Chrysene-d12          | 21.33 | 240  | 1212170  | 20.00 | ng/ul | 0.00      |
| 85) Perylene-d12          | 23.60 | 264  | 1334160  | 20.00 | ng/ul | 0.00      |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 32003   | 6.53  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.92  | 99  | 366877  | 18.12 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 7.09  | 67  | 200445  | 16.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.28  | 132 | 302352  | 18.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.46  | 113 | 315233  | 18.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.91  | 128 | 157260  | 18.70 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.63  | 143 | 182055  | 19.50 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 373425  | 19.67 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.68 | 131 | 419851  | 21.20 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.80 | 166 | 1173125 | 19.10 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.08 | 160 | 1388641 | 18.47 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.61 | 143 | 158945  | 15.91 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.39 | 176 | 972399  | 18.21 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 164042  | 17.50 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.24 | 188 | 1438175 | 18.15 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.54 | 212 | 1363621 | 18.75 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.45 | 264 | 1323399 | 16.81 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |              | Qvalue |
|--------------------------------|-------|-----|---------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.30  | 88  | 32008   | 6.459 ng/uL  | 98     |
| 4) Benzaldehyde                | 6.90  | 77  | 247959  | 26.870 ng/ul | 98     |
| 6) Phenol                      | 6.95  | 94  | 370008  | 19.326 ng/ul | 100    |
| 8) Bis(2-Chloroethyl) ether    | 7.18  | 93  | 276095  | 18.895 ng/ul | 99     |
| 10) 2-Chlorophenol             | 7.32  | 128 | 307527  | 19.841 ng/ul | 98     |
| 11) 2-Methylphenol             | 8.19  | 108 | 293452  | 19.809 ng/ul | 96     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.28  | 45  | 360173m | 19.303 ng/ul |        |
| 14) Acetophenone               | 8.57  | 105 | 485273  | 19.955 ng/ul | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.56  | 70  | 251026  | 19.834 ng/ul | 96     |
| 16) 4-Methylphenol             | 8.52  | 108 | 319713  | 19.832 ng/ul | 94     |
| 17) Hexachloroethane           | 8.81  | 117 | 122580  | 18.974 ng/ul | 94     |
| 20) Nitrobenzene               | 8.95  | 77  | 370009  | 19.583 ng/ul | 99     |
| 21) Isophorone                 | 9.47  | 82  | 696659  | 19.579 ng/ul | 99     |
| 23) 2-Nitrophenol              | 9.66  | 139 | 192751  | 20.532 ng/ul | 99     |
| 24) 2,4-Dimethylphenol         | 9.72  | 107 | 379608  | 19.793 ng/ul | 98     |
| 25) Bis(2-Chloroethoxy)methane | 9.96  | 93  | 420164  | 19.161 ng/ul | 99     |
| 27) 2,4-Dichlorophenol         | 10.19 | 162 | 358457  | 20.741 ng/ul | 98     |
| 28) Naphthalene                | 10.59 | 128 | 1046498 | 19.679 ng/ul | 100    |
| 30) 4-Chloroaniline            | 10.70 | 127 | 416960  | 22.390 ng/ul | 100    |
| 31) Hexachlorobutadiene        | 10.85 | 225 | 236058  | 20.047 ng/ul | 97     |
| 32) Caprolactam                | 11.50 | 113 | 137249m | 28.249 ng/ul |        |
| 33) 4-Chloro-3-methylphenol    | 11.83 | 107 | 372594  | 21.147 ng/ul | 97     |
| 34) 2-Methylnaphthalene        | 12.20 | 142 | 814304  | 19.970 ng/ul | 99     |

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Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM070219\  
 Data File : BM021358.D  
 Acq On : 03 Jul 2019 00:15  
 Operator : HP/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 01:57:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 03 01:09:29 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD02040

Manual Integrations  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.57 | 216  | 489692   | 20.184 | ng/ul | 97       |
| 37) Hexachlorocyclopentadiene  | 12.53 | 237  | 208405   | 14.439 | ng/ul | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.82 | 196  | 320467   | 21.256 | ng/ul | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.89 | 196  | 342240   | 21.251 | ng/ul | 98       |
| 40) 1,1'-Biphenyl              | 13.22 | 154  | 1091629  | 19.472 | ng/ul | 99       |
| 41) 2-Chloronaphthalene        | 13.26 | 162  | 865730   | 19.546 | ng/ul | 100      |
| 42) 2-Nitroaniline             | 13.48 | 65   | 219883   | 20.427 | ng/ul | 99       |
| 44) Dimethylphthalate          | 13.85 | 163  | 1154378  | 20.652 | ng/ul | 98       |
| 45) 2,6-Dinitrotoluene         | 13.98 | 165  | 226457   | 21.227 | ng/ul | 96       |
| 47) Acenaphthylene             | 14.12 | 152  | 1268469  | 19.710 | ng/ul | 98       |
| 48) 3-Nitroaniline             | 14.32 | 138  | 199346   | 21.345 | ng/ul | 99       |
| 49) Acenaphthene               | 14.46 | 153  | 924785   | 19.601 | ng/ul | 100      |
| 50) 2,4-Dinitrophenol          | 14.53 | 184  | 94453    | 17.623 | ng/ul | 93       |
| 52) 4-Nitrophenol              | 14.63 | 109  | 134786   | 18.244 | ng/ul | 97       |
| 53) Dibenzofuran               | 14.79 | 168  | 1330158  | 19.800 | ng/ul | 98       |
| 54) 2,4-Dinitrotoluene         | 14.77 | 165  | 328829   | 21.239 | ng/ul | 98       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.02 | 232  | 303791   | 21.632 | ng/ul | 99       |
| 56) Diethylphthalate           | 15.22 | 149  | 1138437  | 21.109 | ng/ul | 100      |
| 58) Fluorene                   | 15.44 | 166  | 1100828  | 20.169 | ng/ul | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.44 | 204  | 608195   | 20.438 | ng/ul | 99       |
| 60) 4-Nitroaniline             | 15.48 | 138  | 188319   | 18.970 | ng/ul | 100      |
| 63) 4,6-Dinitro-2-methylphenol | 15.53 | 198  | 169814   | 18.043 | ng/ul | 98       |
| 64) N-Nitrosodiphenylamine     | 15.66 | 169  | 951859   | 20.607 | ng/ul | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.33 | 248  | 389987   | 20.851 | ng/ul | 98       |
| 66) Hexachlorobenzene          | 16.44 | 284  | 448480   | 20.922 | ng/ul | 99       |
| 67) Atrazine                   | 16.62 | 200  | 432149   | 25.787 | ng/ul | 97       |
| 68) Pentachlorophenol          | 16.79 | 266  | 223220   | 20.768 | ng/ul | 98       |
| 69) Phenanthrene               | 17.19 | 178  | 1646793  | 19.523 | ng/ul | 100      |
| 71) Anthracene                 | 17.27 | 178  | 1679216  | 19.535 | ng/ul | 100      |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.18 | 216  | 480228   | 20.015 | ng/uL | 99       |
| 73) Pentachlorobenzene         | 14.70 | 250  | 532068   | 21.551 | ng/uL | 98       |
| 74) Carbazole                  | 17.55 | 167  | 1343852  | 18.969 | ng/ul | 99       |
| 75) Di-n-butylphthalate        | 18.11 | 149  | 1789928  | 21.045 | ng/ul | 100      |
| 76) Fluoranthene               | 19.20 | 202  | 1735829  | 19.045 | ng/ul | 99       |
| 79) Pyrene                     | 19.57 | 202  | 1733993  | 20.234 | ng/ul | 99       |
| 80) Butylbenzylphthalate       | 20.47 | 149  | 673546   | 21.233 | ng/ul | 94       |
| 81) 3,3'-Dichlorobenzidine     | 21.25 | 252  | 525559   | 19.344 | ng/ul | 100      |
| 82) Benzo(a)anthracene         | 21.32 | 228  | 1619793  | 19.600 | ng/ul | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.23 | 149  | 1003813  | 22.225 | ng/ul | 100      |
| 84) Chrysene                   | 21.37 | 228  | 1509106  | 19.498 | ng/ul | 100      |
| 86) Di-n-octyl phthalate       | 22.12 | 149  | 1604279  | 20.868 | ng/ul | 100      |
| 87) Benzo(b)fluoranthene       | 22.92 | 252  | 1667837  | 19.735 | ng/ul | 100      |
| 88) Benzo(k)fluoranthene       | 22.96 | 252  | 1552479  | 19.095 | ng/ul | 99       |
| 90) Benzo(a)pyrene             | 23.50 | 252  | 1553523  | 19.530 | ng/ul | 98       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.89 | 276  | 1906915  | 20.358 | ng/ul | 99       |
| 92) Dibenzo(a,h)anthracene     | 25.90 | 278  | 1604689  | 20.365 | ng/ul | 99       |
| 93) Benzo(g,h,i)perylene       | 26.59 | 276  | 1556813  | 20.180 | ng/ul | 98       |

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