

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040819\  
 Data File : BM019796.D  
 Acq On : 08 Apr 2019 15:55  
 Operator : JU/SJ  
 Sample : K2254-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFC66

Manual Integrations  
 APPROVED

Sohil  
 4/10/2019 6:16:27 PM

Quant Time: Apr 09 07:12:31 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 09 06:31:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 122228   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 593810   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.22 | 164  | 365976   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.98 | 188  | 865034   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.19 | 240  | 958889   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.40 | 264  | 886279   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 17613  | 5.64  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 162941 | 14.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 101878 | 13.98 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 130671 | 15.84 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 113609 | 13.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 64406  | 15.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 73597  | 15.61 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 125857 | 14.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 157121 | 14.71 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 13.64 | 166 | 497977 | 16.86 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.91 | 160 | 577239 | 15.63 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 52398m | 11.32 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.22 | 176 | 432693 | 17.01 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 55579  | 9.72  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.08 | 188 | 678782 | 16.35 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.39 | 212 | 776248 | 17.53 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.26 | 264 | 704869 | 15.00 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |       | Qvalue |    |
|--------------------------|-------|-----|--------|-------|--------|----|
| 45) Dimethylphthalate    | 13.69 | 163 | 129373 | 4.367 | ng/ul  | 98 |
| 77) Fluoranthene         | 19.06 | 202 | 80332  | 1.429 | ng/ul# | 87 |
| 80) Pyrene               | 19.42 | 202 | 78982  | 1.369 | ng/ul# | 86 |
| 81) Butylbenzylphthalate | 20.33 | 149 | 113420 | 4.966 | ng/ul# | 86 |

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

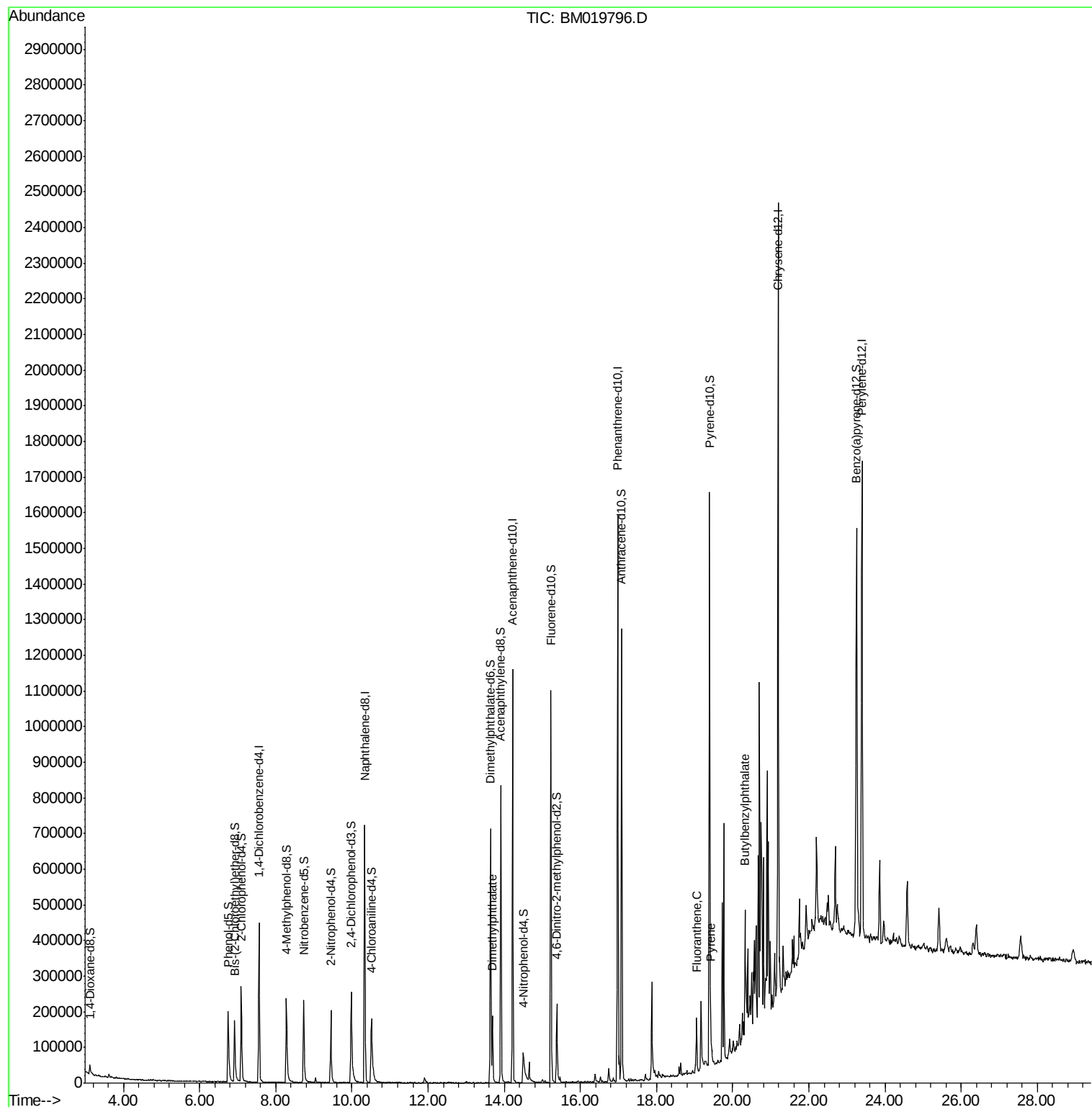
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040819\  
Data File : BM019796.D  
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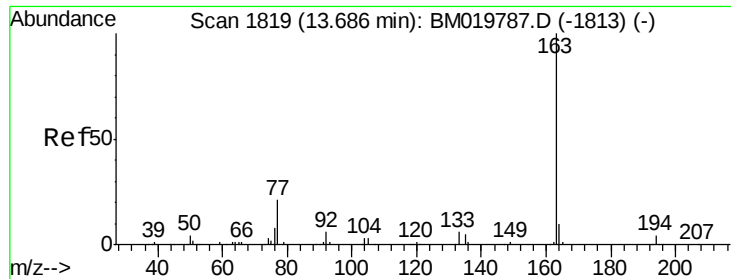
Instrument :  
BNA\_M  
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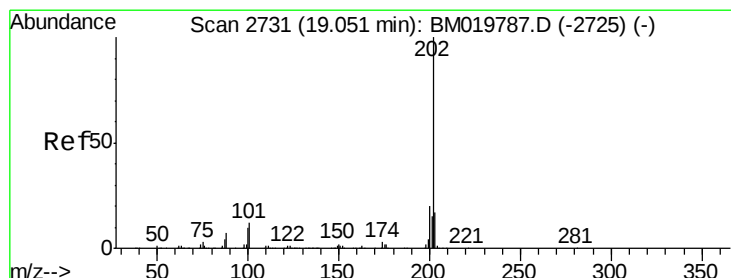
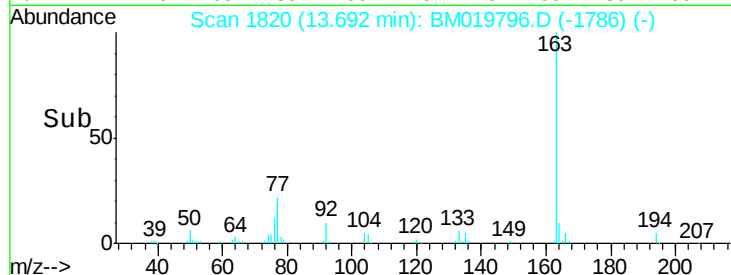
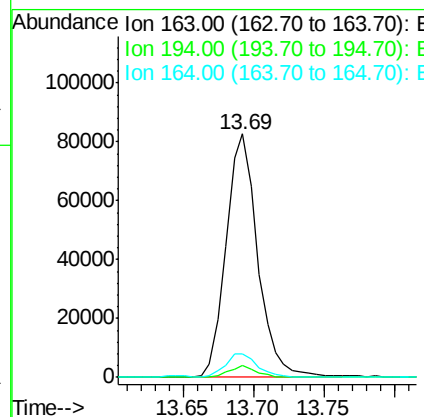
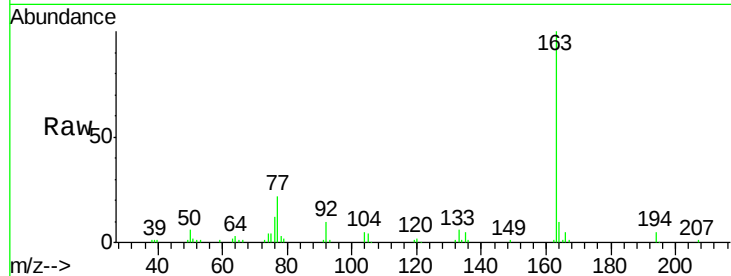
#45  
Dimethylphthalate  
Concen: 4.367 ng/ul  
RT: 13.69 min Scan# 1820  
Delta R.T. -0.00 min  
Lab File: BM019796.D  
Acq: 08 Apr 2019 15:55

Instrument :  
BNA\_M  
ClientSampleId :  
BFC66

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 4.7   | 4.0        | 6.0        |
| 164     | 9.5   | 8.4        | 12.6       |

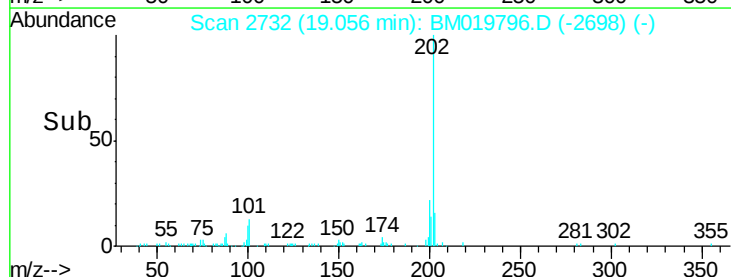
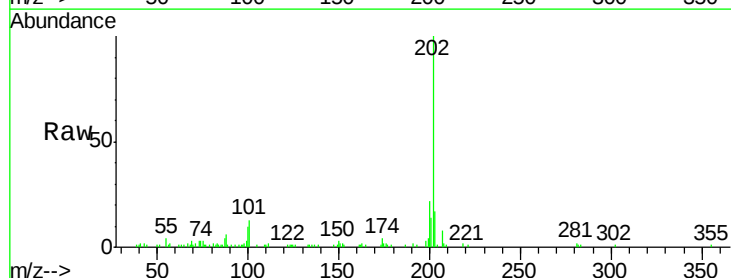
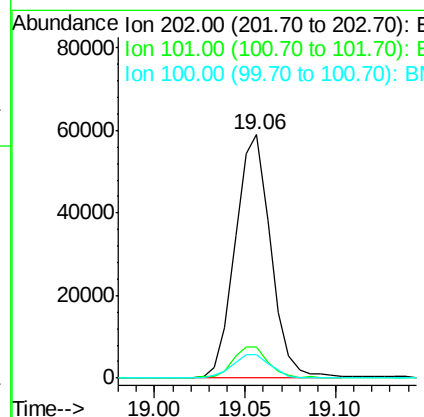
Manual Integrations  
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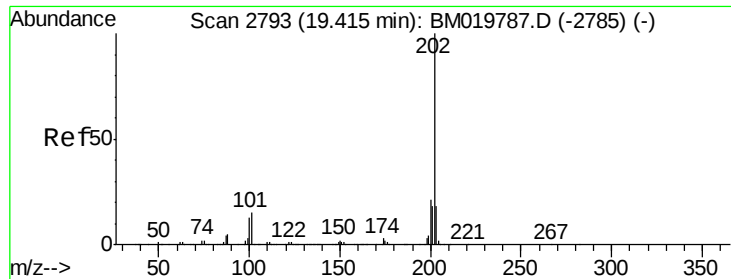
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#77  
Fluoranthene  
Concen: 1.429 ng/ul  
RT: 19.06 min Scan# 2732  
Delta R.T. -0.00 min  
Lab File: BM019796.D  
Acq: 08 Apr 2019 15:55

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 12.7  | 6.1        | 9.1#       |
| 100     | 9.8   | 4.6        | 7.0#       |





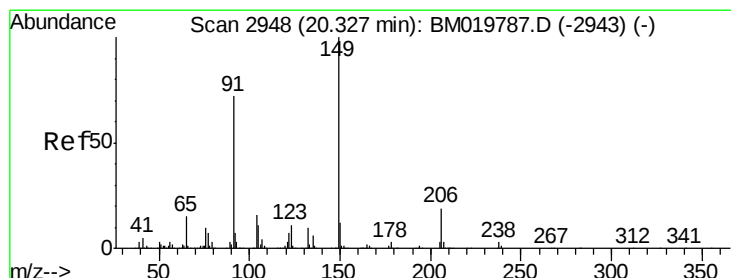
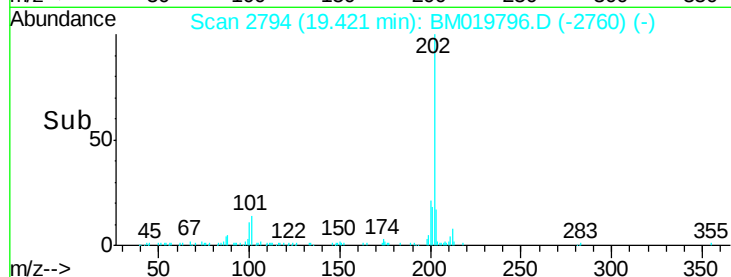
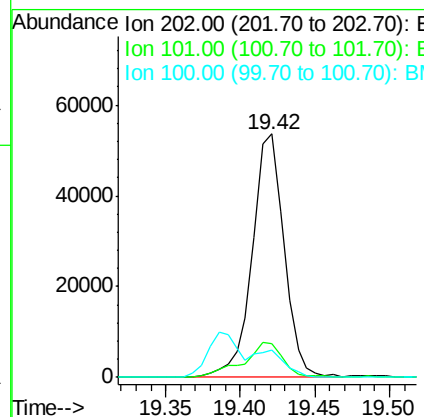
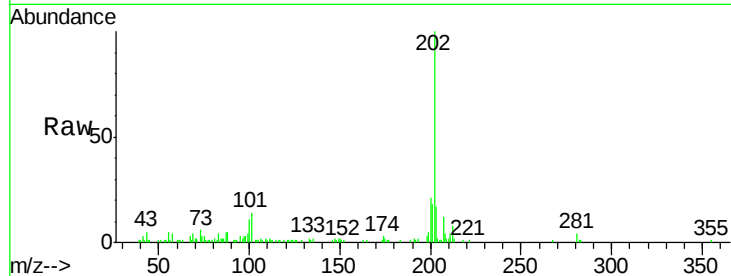
#80  
Pyrene  
Concen: 1.369 ng/ul  
RT: 19.42 min Scan# 2794  
Delta R.T. -0.00 min  
Lab File: BM019796.D  
Acq: 08 Apr 2019 15:55

Instrument :  
BNA\_M  
ClientSampleId :  
BFC66

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 14.1  | 6.9        | 10.3#      |
| 100     | 11.3  | 5.6        | 8.4#       |

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#81  
Butylbenzylphthalate  
Concen: 4.966 ng/ul  
RT: 20.33 min Scan# 2948  
Delta R.T. -0.01 min  
Lab File: BM019796.D  
Acq: 08 Apr 2019 15:55

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 56.8  | 53.4       | 80.0       |
| 206     | 14.6  | 19.3       | 28.9#      |

