

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\  
 Data File : BN011504.D  
 Acq On : 19 Aug 2020 02:52  
 Operator : CG/JU  
 Sample : L3668-08  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBFT2

Quant Time: Aug 19 05:17:51 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 19 02:19:14 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 167484   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.18 | 136  | 623815   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.06 | 164  | 378070   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.82 | 188  | 831677   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.03 | 240  | 915429   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.14 | 264  | 955696   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.11  | 96  | 22398   | 6.42  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.63  | 99  | 71168   | 6.01  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.79  | 67  | 163312  | 27.05 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.98  | 132 | 246359  | 23.21 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.14  | 113 | 137781  | 14.33 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.57  | 128 | 140032  | 28.96 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.28  | 143 | 170659  | 31.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.81  | 165 | 286547  | 27.89 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.33 | 131 | 21765   | 1.77  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.49 | 166 | 947958  | 32.20 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.75 | 160 | 1123419 | 31.71 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.30 | 143 | 20631   | 4.14  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.07 | 176 | 763405  | 29.62 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.20 | 200 | 137086  | 24.85 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.92 | 188 | 1260872 | 31.74 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.23 | 212 | 1549676 | 32.95 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.01 | 264 | 1707261 | 32.17 | ng/ul | 0.00 |

## Target Compounds

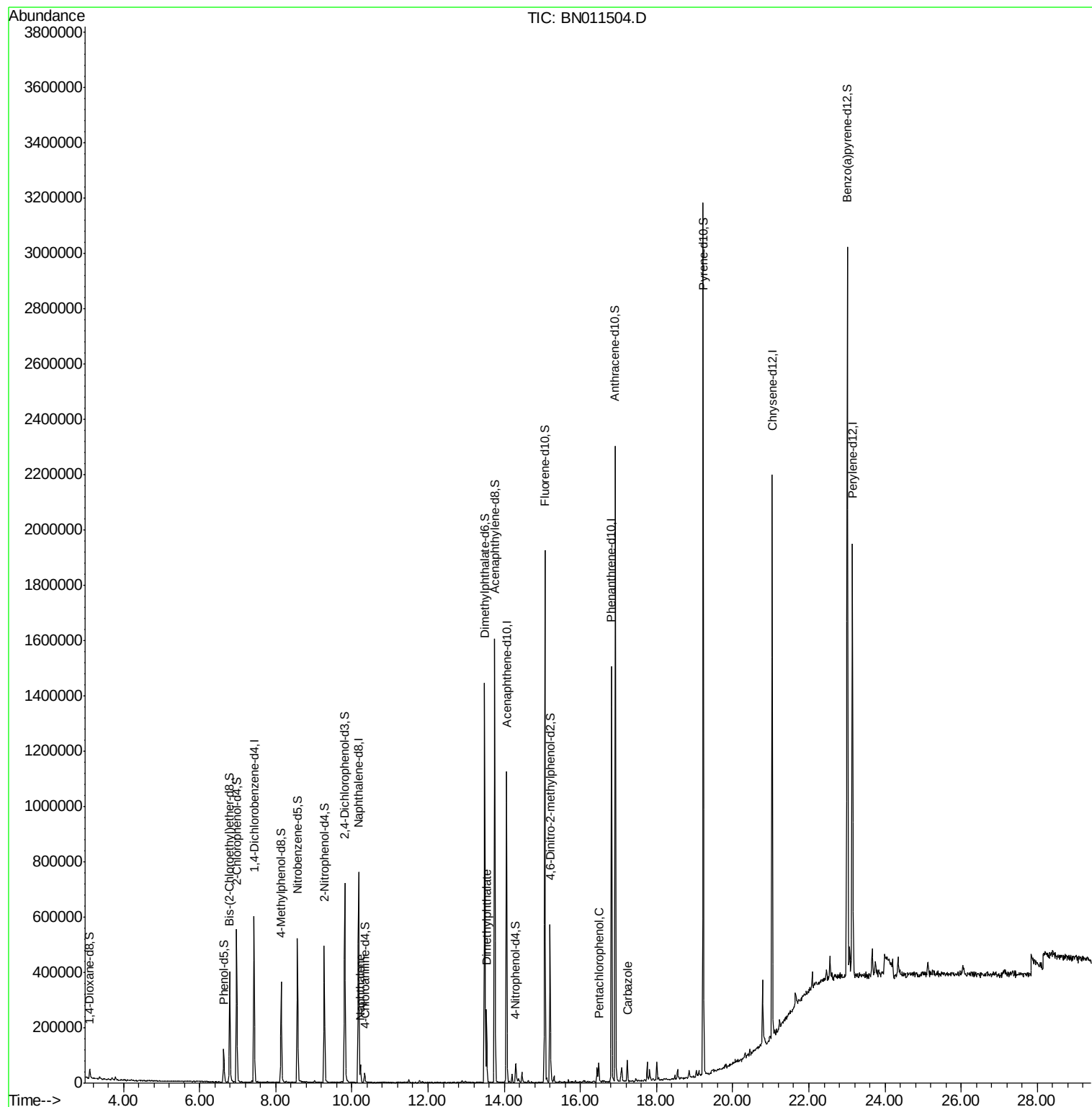
|                       |       |     |        | Ovalue       |    |
|-----------------------|-------|-----|--------|--------------|----|
| 28) Naphthalene       | 10.22 | 128 | 50780  | 1.459 ng/ul# | 94 |
| 45) Dimethylphthalate | 13.53 | 163 | 158957 | 5.260 ng/ul# | 98 |
| 69) Pentachlorophenol | 16.48 | 266 | 10507  | 1.741 ng/ul# | 72 |
| 75) Carbazole         | 17.23 | 167 | 50412  | 1.200 ng/ul  | 99 |

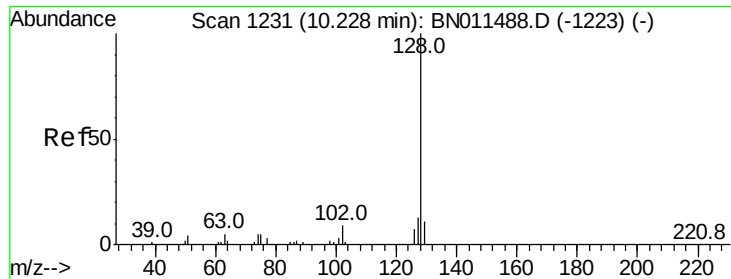
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Aug 19 02:19:14 2020  
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#28

Naphthalene

Concen: 1.459 ng/ul

RT: 10.22 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BN011504.D

Acq: 19 Aug 2020 02:52

Instrument :

BNA\_N

ClientSampleId :

DBFT2

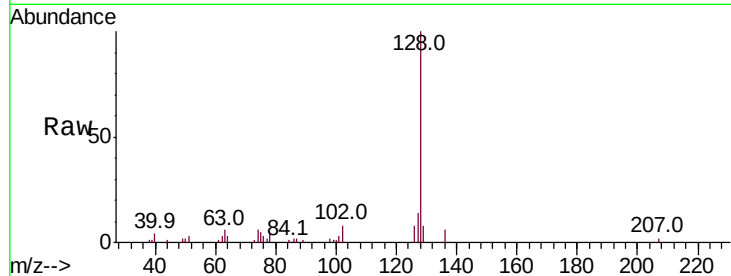
Tot Ion:128 Resp: 50780

Ion Ratio Lower Upper

128 100

129 7.7 8.9 13.3#

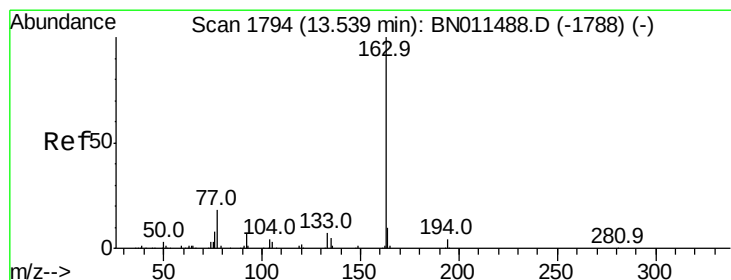
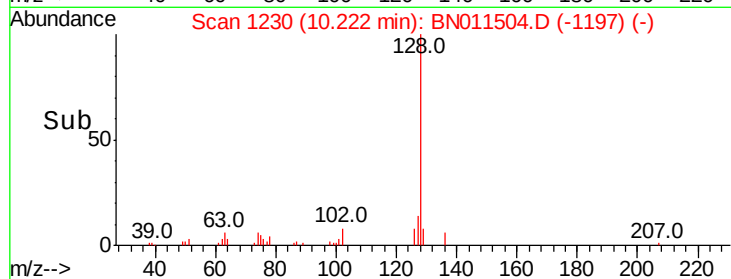
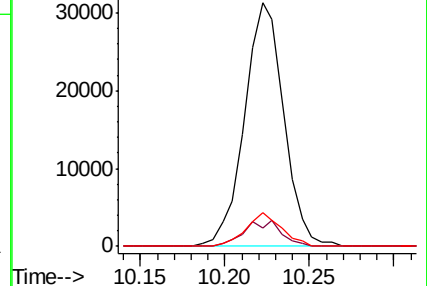
127 13.8 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 5.260 ng/ul

RT: 13.53 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BN011504.D

Acq: 19 Aug 2020 02:52

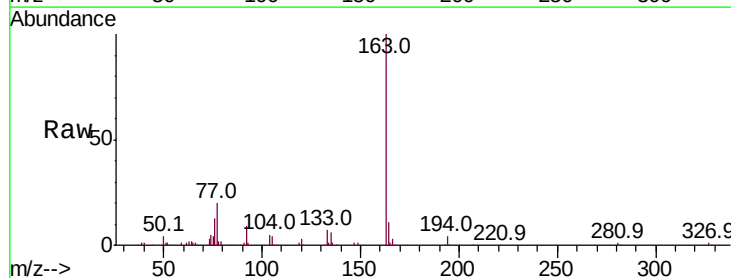
Tgt Ion:163 Resp: 158957

Ion Ratio Lower Upper

163 100

194 3.5 3.8 5.6#

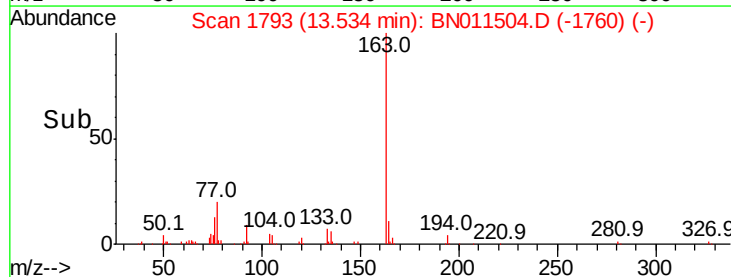
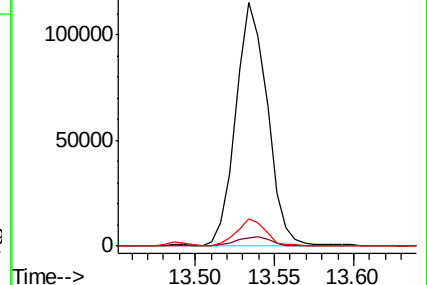
164 11.3 8.7 13.1

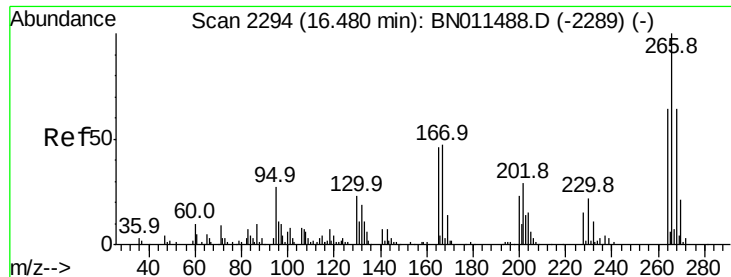


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

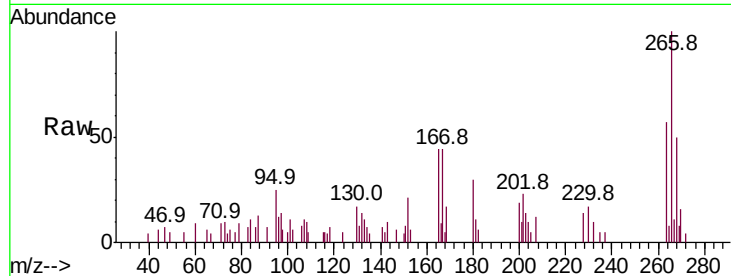




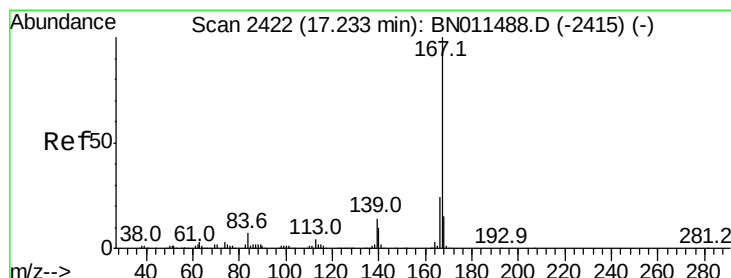
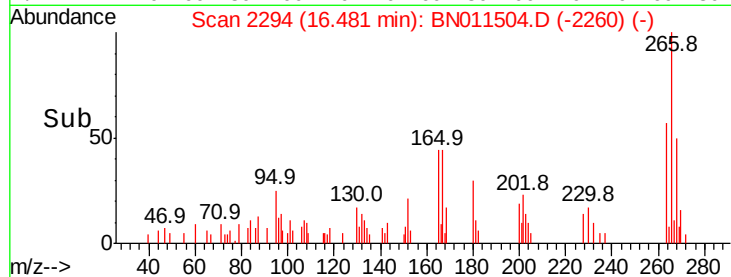
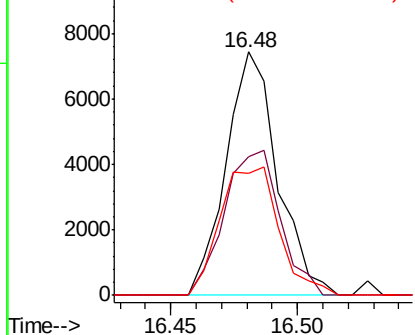
#69  
 Pentachlorophenol  
 Concen: 1.741 ng/ul  
 RT: 16.48 min Scan# 2294  
 Delta R.T. 0.00 min  
 Lab File: BN011504.D  
 Acq: 19 Aug 2020 02:52

Instrument :  
 BNA\_N  
 ClientSampled :  
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| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 266     | 100   |       |        |
| 264     | 64.5  | 67.9  | 101.9# |
| 268     | 50.0  | 63.4  | 95.2#  |

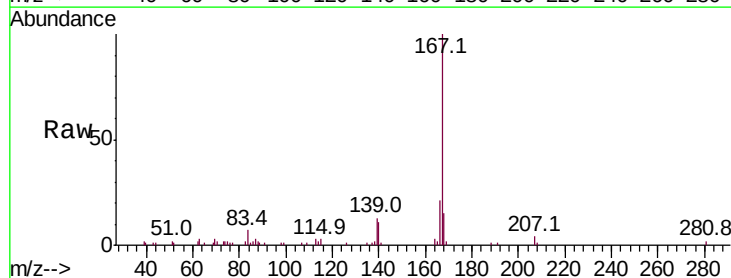


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E



#75  
 Carbazole  
 Concen: 1.200 ng/ul  
 RT: 17.23 min Scan# 2422  
 Delta R.T. 0.00 min  
 Lab File: BN011504.D  
 Acq: 19 Aug 2020 02:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 17.2  | 25.8  |
| 139     | 13.2  | 10.2  | 15.2  |



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

