

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN060319\  
 Data File : BN006046.D  
 Acq On : 03 Jun 2019 20:39  
 Operator : JU/SJ  
 Sample : K2924-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4264

Quant Time: Jun 04 02:18:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN060319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 03 14:55:48 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 372184   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.51 | 136  | 1631975  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.38 | 164  | 953593   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 1991991  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.35 | 240  | 1417639  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.64 | 264  | 1450744  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 29915   | 3.74  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.89  | 99  | 550125  | 17.88 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 339012  | 19.50 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 440840  | 18.26 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 383346  | 15.58 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 228012  | 19.35 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.60  | 143 | 239464  | 18.45 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.14 | 165 | 401472  | 16.95 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 494435  | 16.97 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 1374550 | 20.38 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.07 | 160 | 1692111 | 19.49 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.58 | 143 | 167722  | 13.45 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.38 | 176 | 1157878 | 20.26 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 126406  | 13.10 | ng/ul | -0.01 |
| 70) Anthracene-d10             | 17.23 | 188 | 1602866 | 19.20 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.54 | 212 | 1725263 | 21.33 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.49 | 264 | 1370459 | 21.26 | ng/ul | 0.00  |

## Target Compounds

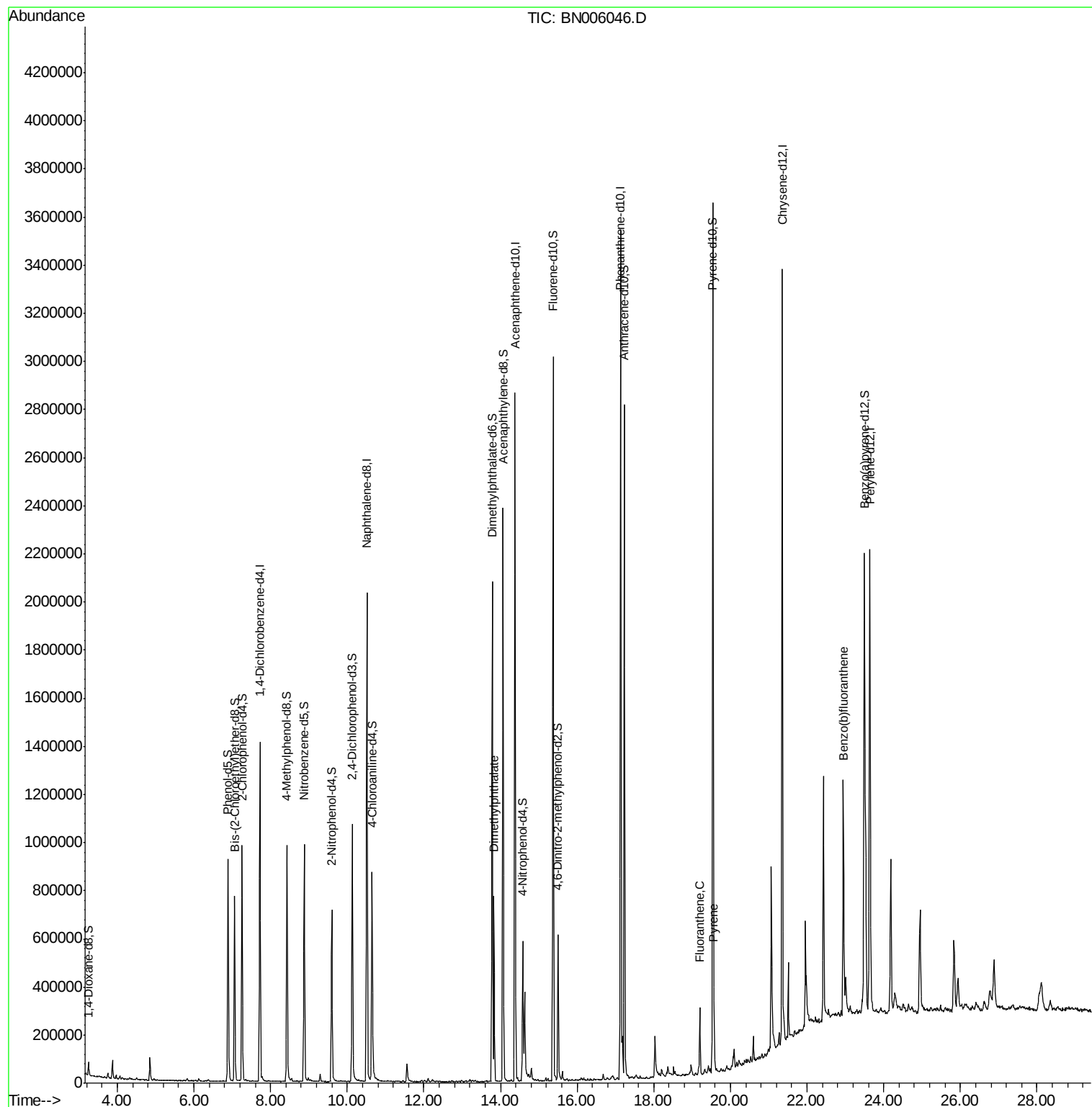
|                          |       |     |        |              | Ovalue |
|--------------------------|-------|-----|--------|--------------|--------|
| 44) Dimethylphthalate    | 13.84 | 163 | 466285 | 6.983 ng/ul  | 99     |
| 76) Fluoranthene         | 19.20 | 202 | 165590 | 1.760 ng/ul  | 98     |
| 79) Pyrene               | 19.57 | 202 | 148709 | 1.455 ng/ul  | 98     |
| 87) Benzo(b)fluoranthene | 22.96 | 252 | 89858  | 1.123 ng/ul# | 85     |

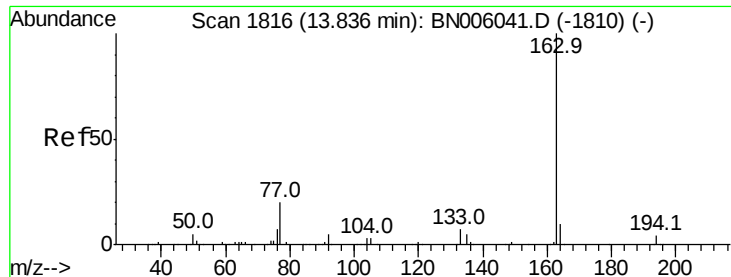
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jun 03 14:55:48 2019  
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.983 ng/ul

RT: 13.84 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BN006046.D

Acq: 03 Jun 2019 20:39

Instrument :

BNA\_N

ClientSampleId :

A4264

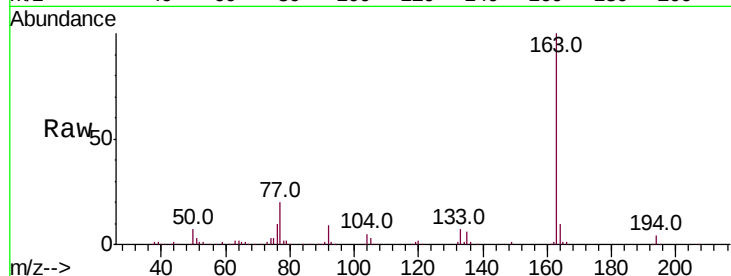
Tot Ion:163 Resp: 466285

Ion Ratio Lower Upper

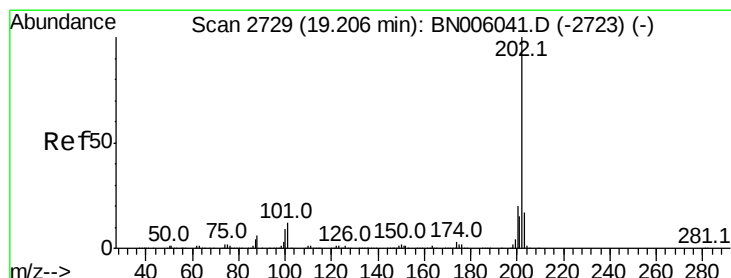
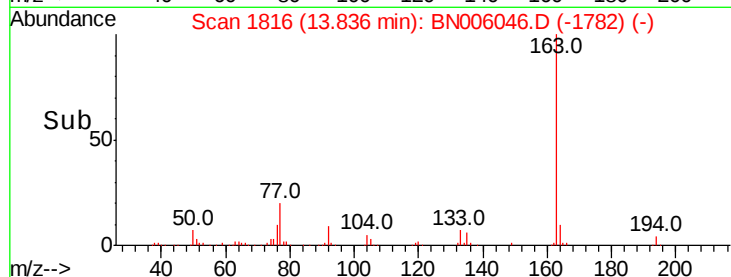
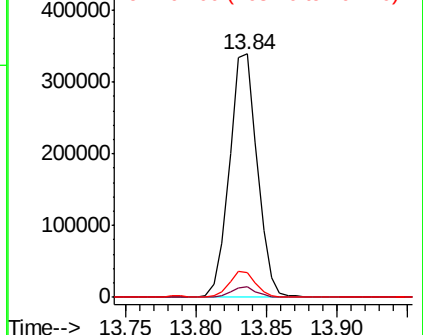
163 100

194 4.2 3.4 5.2

164 10.0 8.2 12.4



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



#76

Fluoranthene

Concen: 1.760 ng/ul

RT: 19.20 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BN006046.D

Acq: 03 Jun 2019 20:39

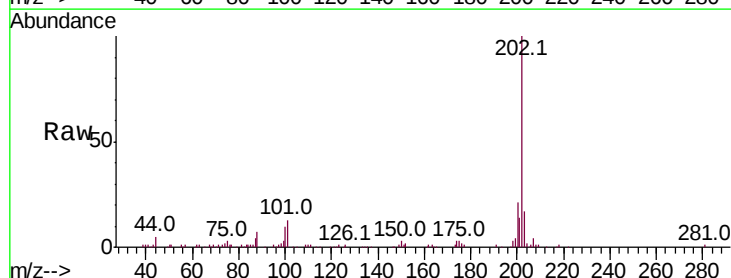
Tgt Ion:202 Resp: 165590

Ion Ratio Lower Upper

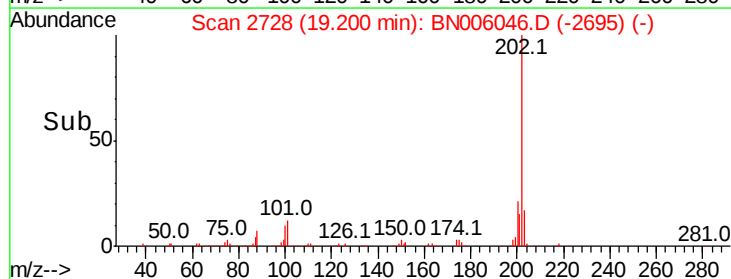
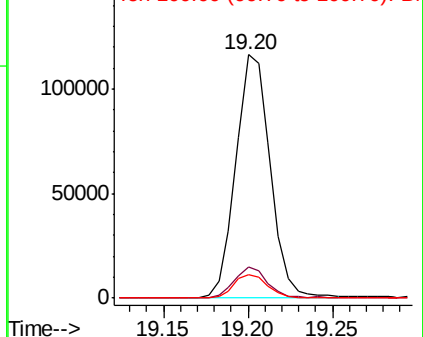
202 100

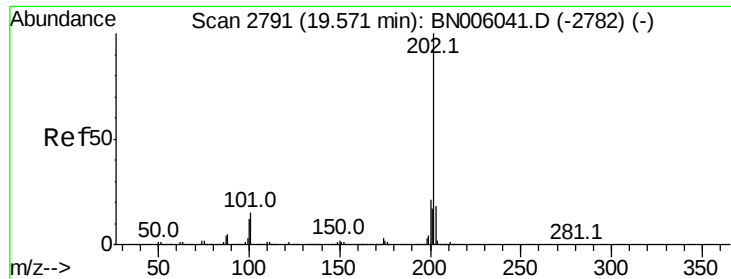
101 12.8 9.6 14.4

100 9.8 7.1 10.7



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B

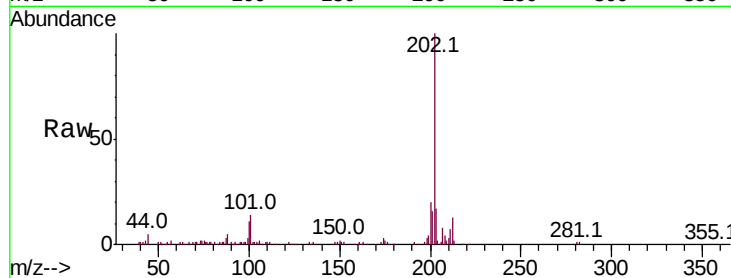




#79  
Pvrene  
Concen: 1.455 ng/ul  
RT: 19.57 min Scan# 2791  
Delta R.T. 0.00 min  
Lab File: BN006046.D  
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BNA\_N  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.6  | 11.6  | 17.4  |
| 100     | 10.9  | 9.4   | 14.2  |

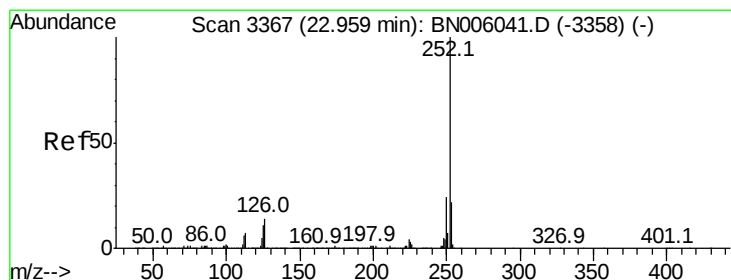
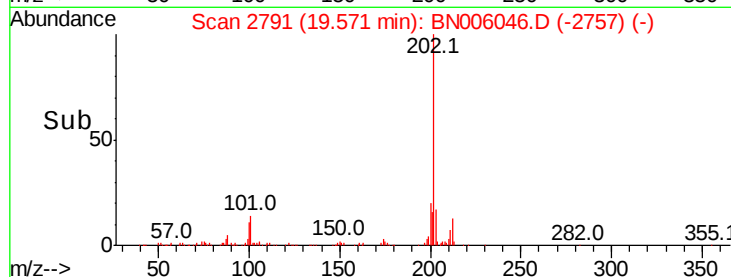
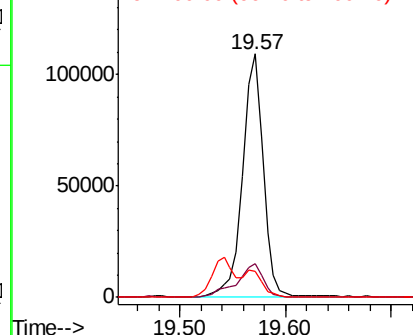


Abundance

Ion 202.00 (201.70 to 202.70): E

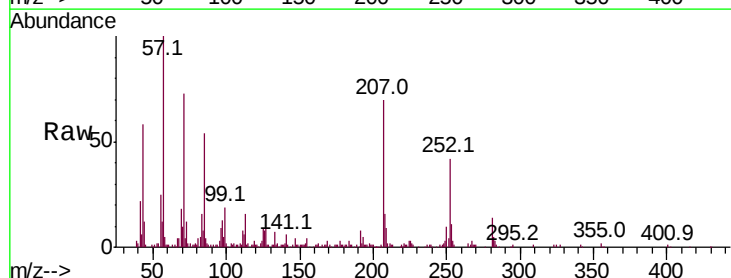
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#87  
Benzo(b)fluoranthene  
Concen: 1.123 ng/ul  
RT: 22.96 min Scan# 3367  
Delta R.T. 0.01 min  
Lab File: BN006046.D  
Acq: 03 Jun 2019 20:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.6  | 17.3  | 25.9  |
| 125     | 21.2  | 8.5   | 12.7# |



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

