

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP101619\  
 Data File : BP000776.D  
 Acq On : 15 Oct 2019 19:23  
 Operator : JU  
 Sample : K5178-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BEPD0

Quant Time: Oct 16 05:14:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 16 05:11:27 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 196083   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 8.03  | 136  | 759547   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 9.80  | 164  | 432802   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 11.29 | 188  | 816051   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 13.97 | 240  | 658446   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 15.45 | 264  | 631619   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.36  | 96  | 21454   | 4.54  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.39  | 99  | 378563  | 25.03 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.43  | 67  | 196907  | 26.04 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.52  | 132 | 325633  | 25.55 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 7.13  | 113 | 258510  | 22.37 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 7.30  | 128 | 156781  | 27.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 7.63  | 143 | 173104  | 28.15 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 7.88  | 165 | 298812  | 25.39 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 8.09  | 131 | 377489  | 28.85 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 9.49  | 166 | 879103  | 29.02 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 9.64  | 160 | 1033890 | 27.74 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 9.91  | 143 | 107275  | 22.99 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 10.32 | 176 | 741307  | 28.60 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.39 | 200 | 75912   | 19.53 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 11.35 | 188 | 1047902 | 27.72 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 12.74 | 212 | 1187270 | 31.89 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 15.36 | 264 | 975452  | 31.28 | ng/ul | 0.00 |

## Target Compounds

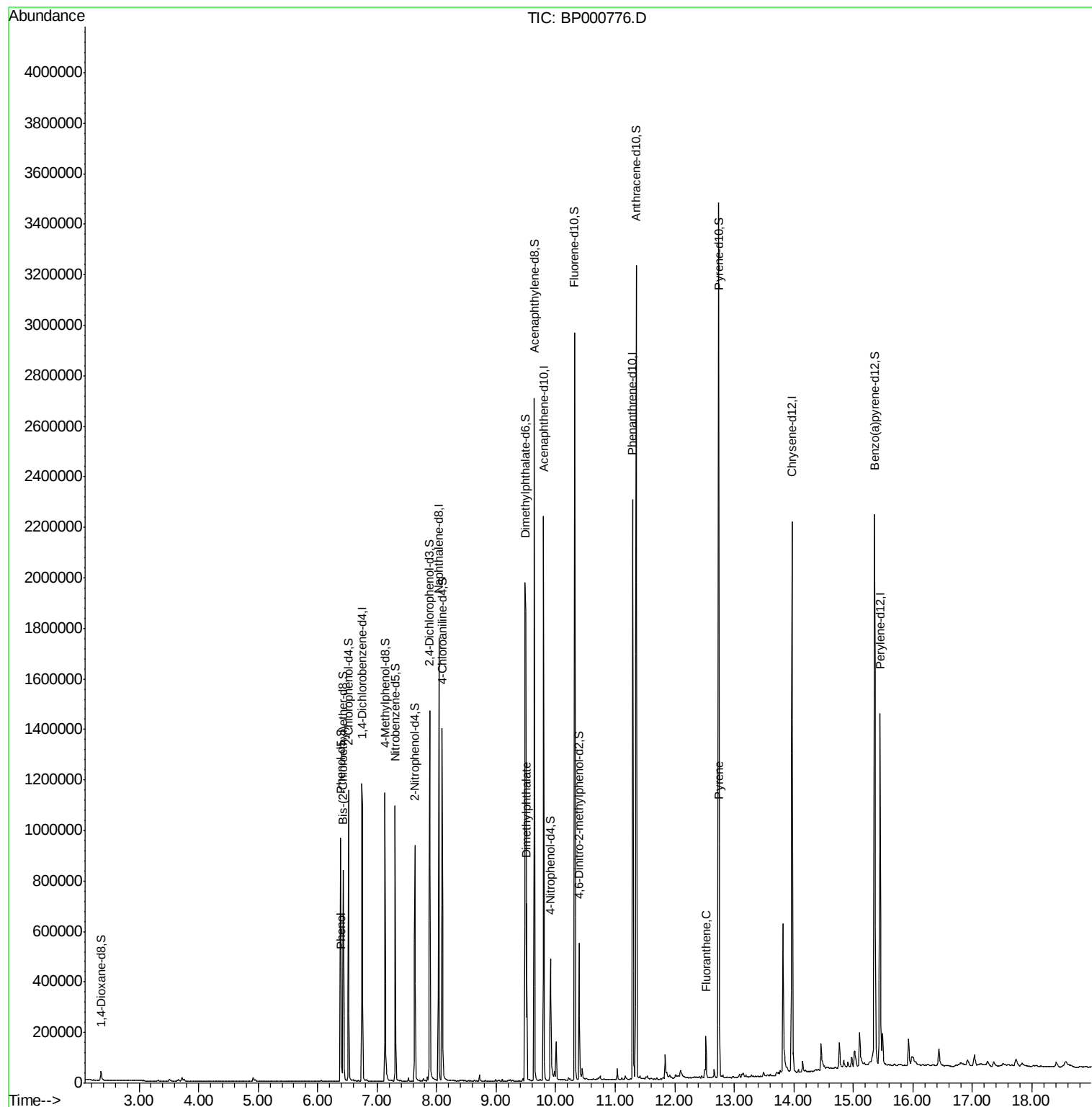
|                       |       |     |        | Ovalue |           |
|-----------------------|-------|-----|--------|--------|-----------|
| 6) Phenol             | 6.40  | 94  | 15473  | 1.015  | ng/ul# 92 |
| 45) Dimethylphthalate | 9.51  | 163 | 243145 | 8.054  | ng/ul 99  |
| 77) Fluoranthene      | 12.52 | 202 | 61641  | 1.353  | ng/ul 99  |
| 80) Pyrene            | 12.75 | 202 | 52897  | 1.132  | ng/ul 96  |

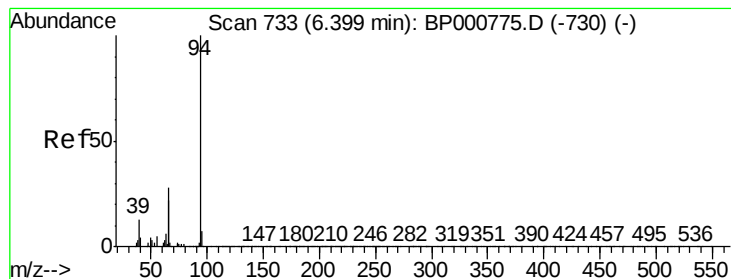
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 16 05:11:27 2019  
Response via : Initial Calibration





#6

Phenol

Concen: 1.015 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000776.D

Acq: 15 Oct 2019 19:23

Instrument :

BNA\_P

ClientSampleId :

BEPD0

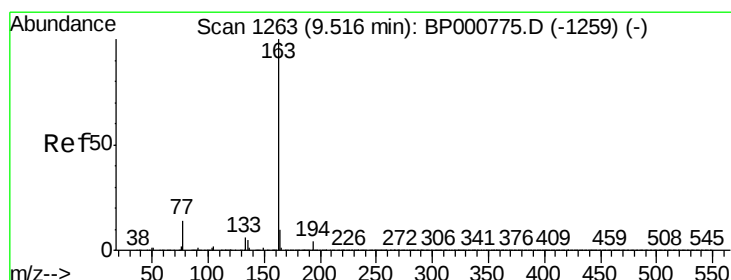
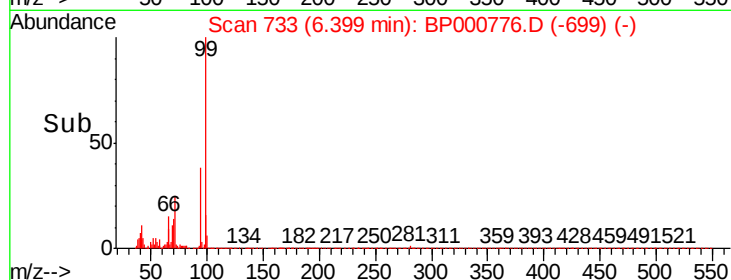
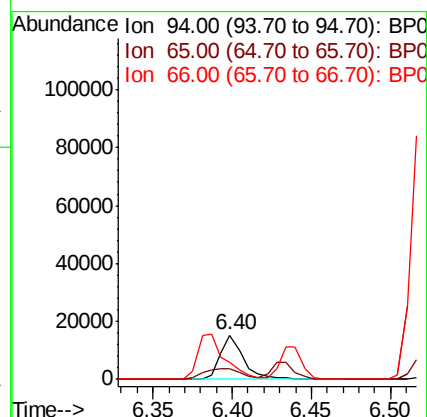
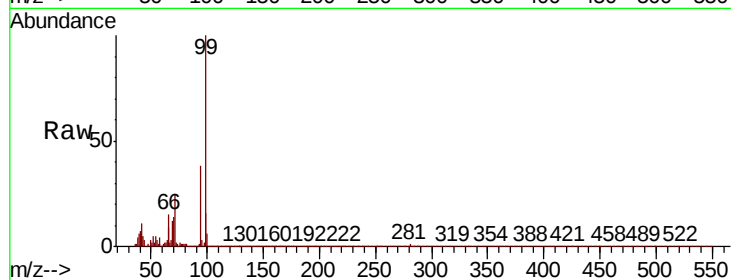
Tot Ion: 94 Resp: 15473

Ion Ratio Lower Upper

94 100

65 23.7 19.2 28.8

66 39.4 25.7 38.5#



#45

Dimethylphthalate

Concen: 8.054 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000776.D

Acq: 15 Oct 2019 19:23

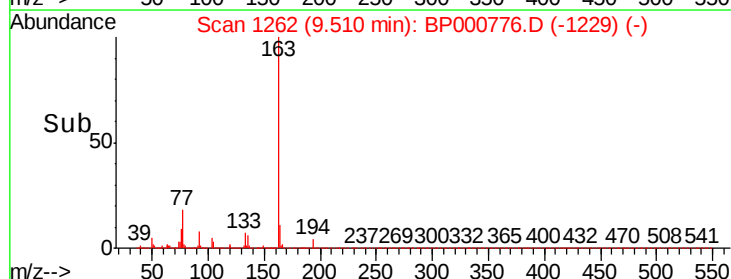
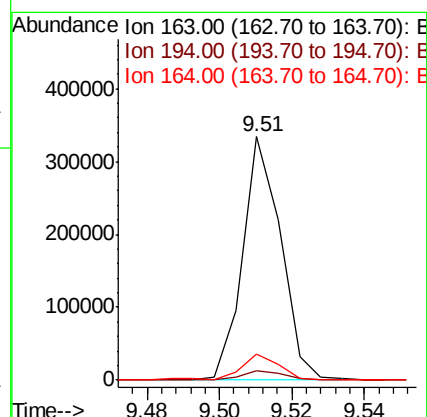
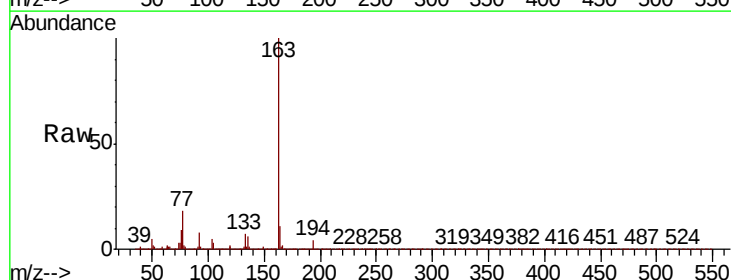
Tgt Ion: 163 Resp: 243145

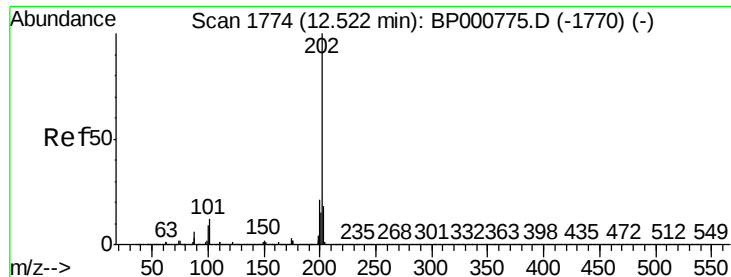
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.6 8.1 12.1

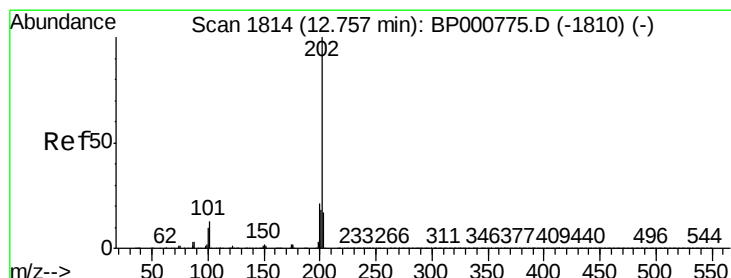
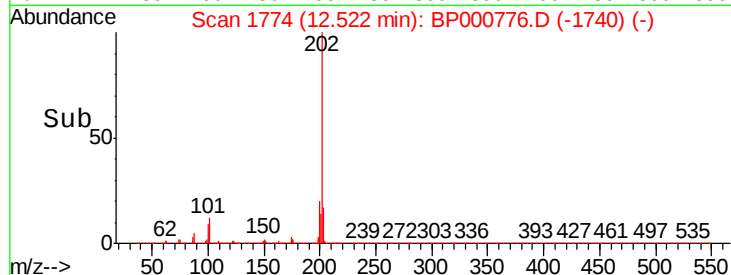
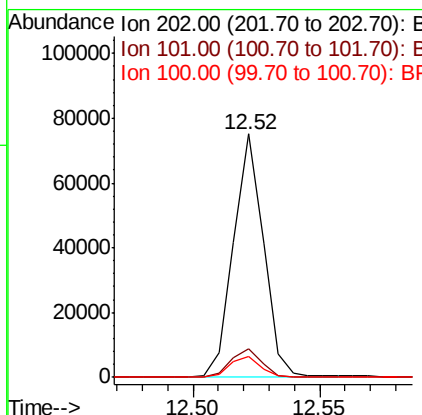
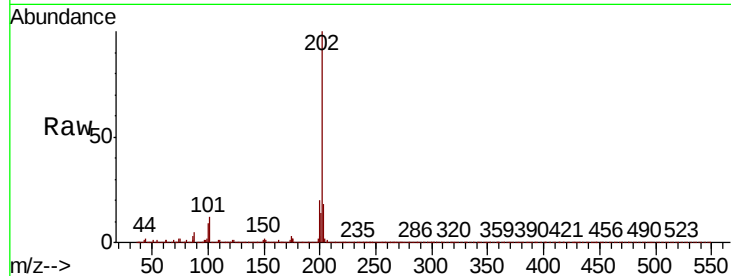




#77  
Fluoranthene  
Concen: 1.353 ng/ul  
RT: 12.52 min Scan# 1774  
Delta R.T. 0.00 min  
Lab File: BP000776.D  
Acq: 15 Oct 2019 19:23

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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.9  | 9.8   | 14.6  |
| 100     | 8.8   | 7.2   | 10.8  |



#80  
Pyrene  
Concen: 1.132 ng/ul  
RT: 12.75 min Scan# 1813  
Delta R.T. -0.01 min  
Lab File: BP000776.D  
Acq: 15 Oct 2019 19:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.0  | 9.7   | 14.5  |
| 100     | 11.2  | 7.8   | 11.8  |

