

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\  
 Data File : BP000790.D  
 Acq On : 16 Oct 2019 01:01  
 Operator : JU  
 Sample : K5178-17  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BEPH9

Quant Time: Oct 16 06:59:53 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  | 208736   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 8.03  | 136  | 773177   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 9.79  | 164  | 422597   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 11.29 | 188  | 771280   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 13.97 | 240  | 654061   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 15.45 | 264  | 708959   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.37  | 96  | 17976  | 3.57  | ng/uL | 0.01 |
| 5) Phenol-d5                   | 6.39  | 99  | 313142 | 19.45 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.43  | 67  | 169223 | 21.02 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.52  | 132 | 277537 | 20.46 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 7.13  | 113 | 230090 | 18.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 7.30  | 128 | 130873 | 22.27 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 7.63  | 143 | 139006 | 22.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 7.88  | 165 | 253371 | 21.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 8.09  | 131 | 323429 | 24.28 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 9.49  | 166 | 693750 | 23.45 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 9.64  | 160 | 830236 | 22.81 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 9.92  | 143 | 71533  | 15.70 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 10.32 | 176 | 591072 | 23.35 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.39 | 200 | 47316  | 12.88 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 11.35 | 188 | 812094 | 22.73 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 12.73 | 212 | 883469 | 23.89 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 15.36 | 264 | 835065 | 23.86 | ng/ul | 0.00 |

## Target Compounds

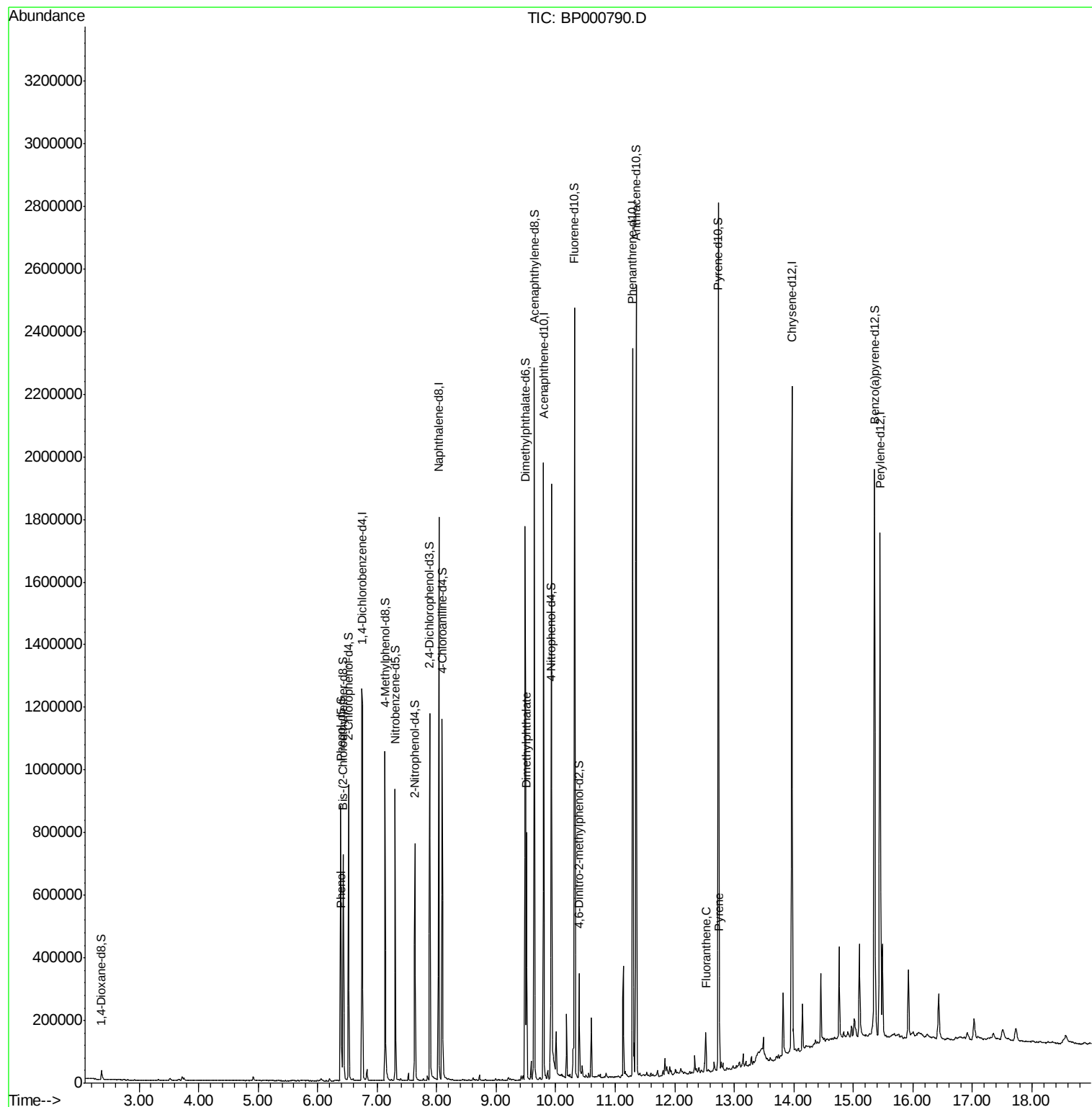
|                       |       |     |        |              | Ovalue |
|-----------------------|-------|-----|--------|--------------|--------|
| 6) Phenol             | 6.40  | 94  | 42109  | 2.594 ng/ul  | 97     |
| 45) Dimethylphthalate | 9.51  | 163 | 269520 | 9.144 ng/ul  | 99     |
| 77) Fluoranthene      | 12.52 | 202 | 52139  | 1.211 ng/ul  | 98     |
| 80) Pyrene            | 12.75 | 202 | 49387  | 1.064 ng/ul# | 95     |

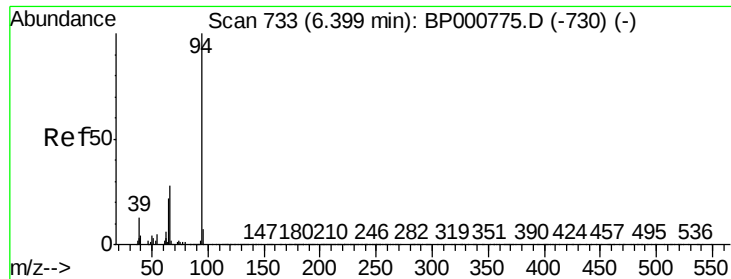
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.594 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

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Acq: 16 Oct 2019 01:01

Instrument :

BNA\_P

ClientSampleId :

BEPH9

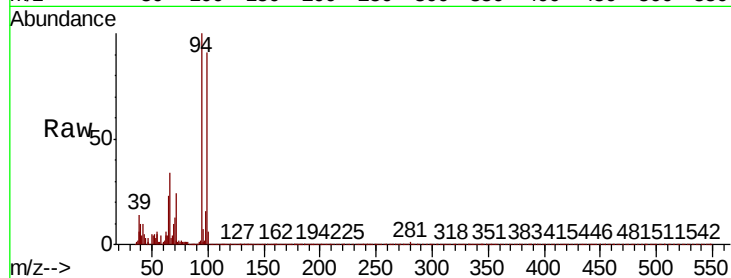
Tot Ion: 94 Resp: 42109

Ion Ratio Lower Upper

94 100

65 22.9 19.2 28.8

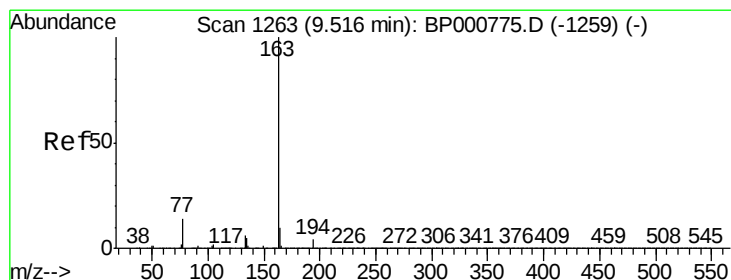
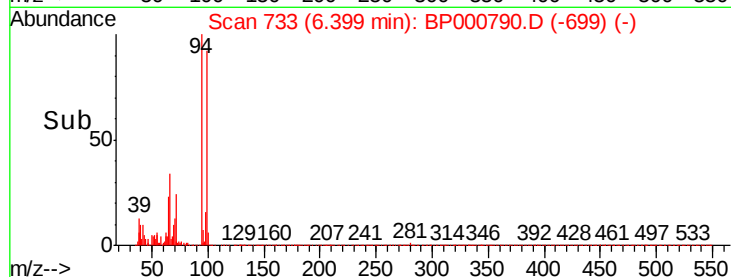
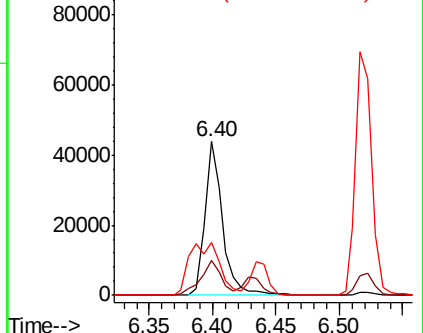
66 34.1 25.7 38.5



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#45

Dimethylphthalate

Concen: 9.144 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000790.D

Acq: 16 Oct 2019 01:01

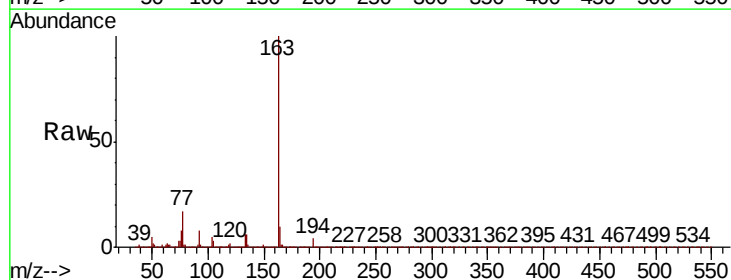
Tgt Ion: 163 Resp: 269520

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

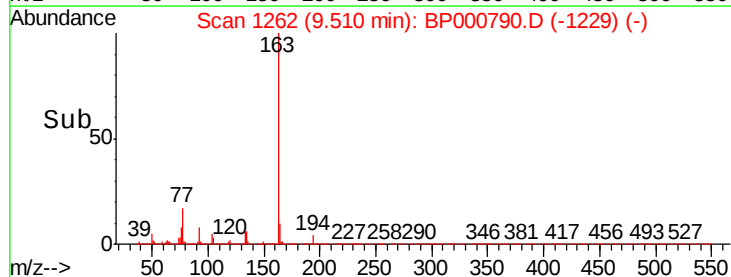
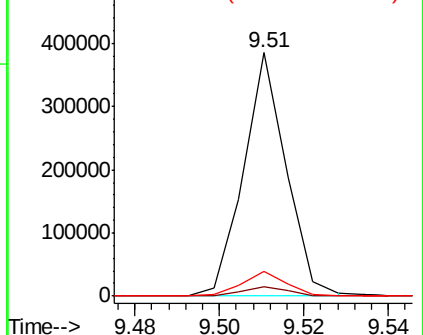
164 10.3 8.1 12.1

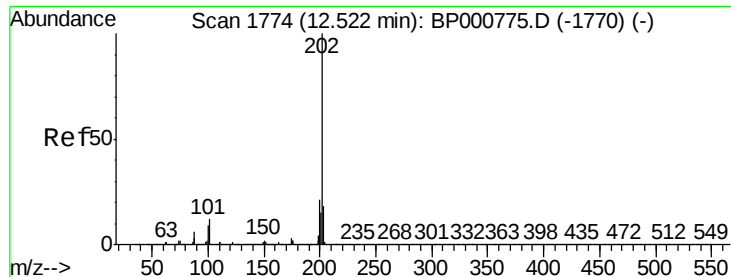


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#77

Fluoranthene

Concen: 1.211 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BP000790.D

Acq: 16 Oct 2019 01:01

Instrument :

BNA\_P

ClientSampleId :

BEPH9

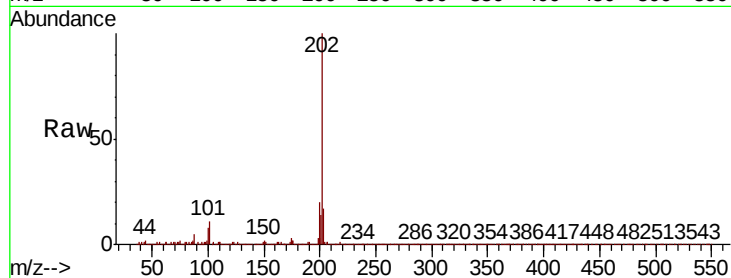
Tot Ion:202 Resp: 52139

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.6

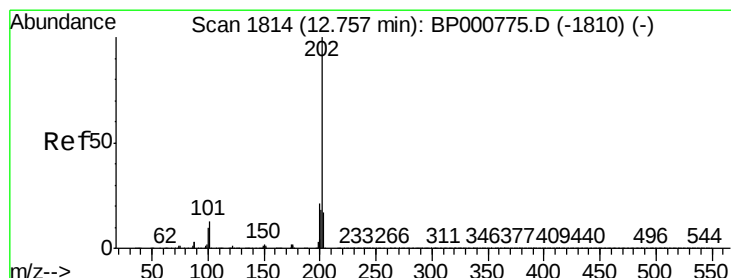
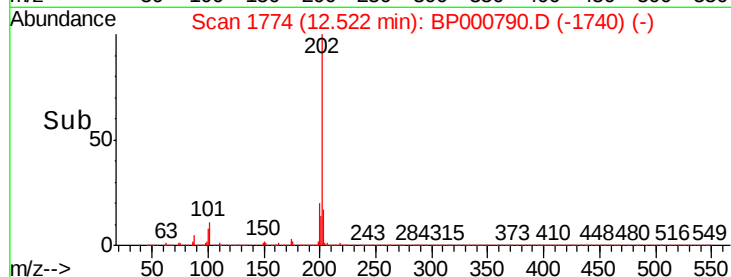
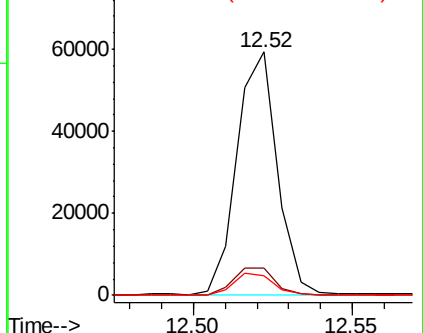
100 8.2 7.2 10.8



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): BF



#80

Pyrene

Concen: 1.064 ng/ul

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BP000790.D

Acq: 16 Oct 2019 01:01

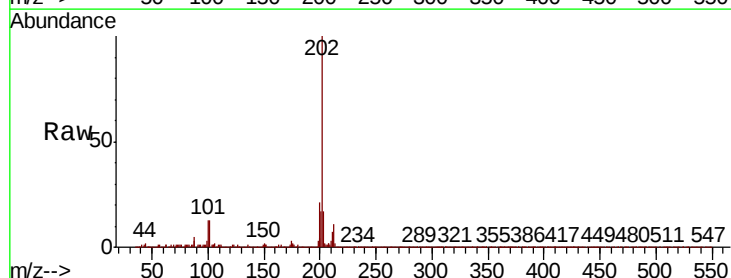
Tgt Ion:202 Resp: 49387

Ion Ratio Lower Upper

202 100

101 13.1 9.7 14.5

100 12.7 7.8 11.8#



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): BF

