

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP101719\  
 Data File : BP000826.D  
 Acq On : 16 Oct 2019 21:25  
 Operator : JU  
 Sample : K5223-20  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BEPA8

Quant Time: Oct 17 09:39:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 17 09:27:24 2019  
 Response via : Initial Calibration

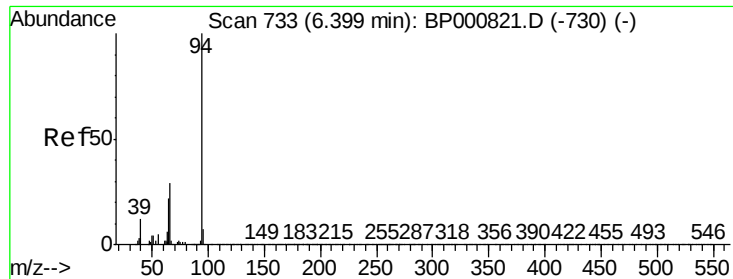
| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 216295   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 8.03  | 136  | 817243   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 9.80  | 164  | 454566   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 11.29 | 188  | 811187   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 13.97 | 240  | 668301   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 15.45 | 264  | 733014   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 2.37  | 96   | 14139    | 2.71  | ng/uL | -0.02    |
| 5) Phenol-d5                   | 6.38  | 99   | 231431   | 13.87 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.43  | 67   | 126111   | 15.12 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 6.52  | 132  | 210736   | 14.99 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 7.13  | 113  | 157617   | 12.37 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 7.30  | 128  | 97703    | 15.73 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 7.63  | 143  | 103421   | 15.63 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 7.88  | 165  | 181318   | 14.32 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 8.09  | 131  | 209986   | 14.91 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 9.49  | 166  | 528684   | 16.61 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 9.64  | 160  | 615451   | 15.72 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 9.92  | 143  | 33606    | 6.86  | ng/ul | 0.00     |
| 58) Fluorene-d10               | 10.32 | 176  | 434344   | 15.95 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 10.39 | 200  | 24015    | 6.22  | ng/ul | 0.00     |
| 71) Anthracene-d10             | 11.35 | 188  | 598854   | 15.94 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 12.73 | 212  | 648874   | 17.17 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 15.36 | 264  | 621652   | 17.18 | ng/ul | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|-----------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol             | 6.40  | 94   | 34377    | 2.044 | ng/ul  | 97     |
| 45) Dimethylphthalate | 9.51  | 163  | 159669   | 5.036 | ng/ul  | 100    |
| 77) Fluoranthene      | 12.52 | 202  | 67922    | 1.499 | ng/ul  | 99     |
| 80) Pyrene            | 12.75 | 202  | 70865    | 1.495 | ng/ul# | 93     |

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





#6

Phenol

Concen: 2.044 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

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Instrument :

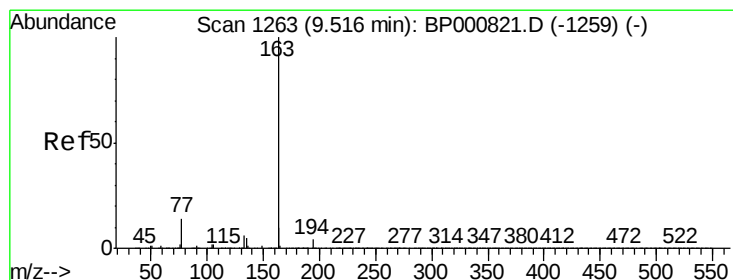
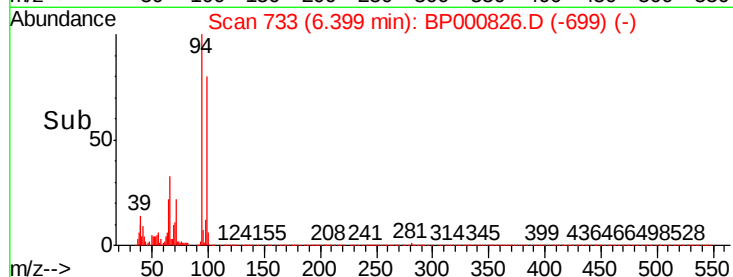
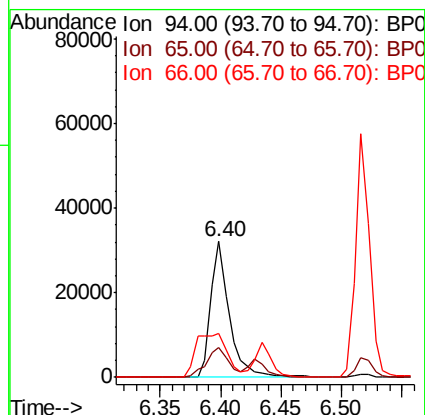
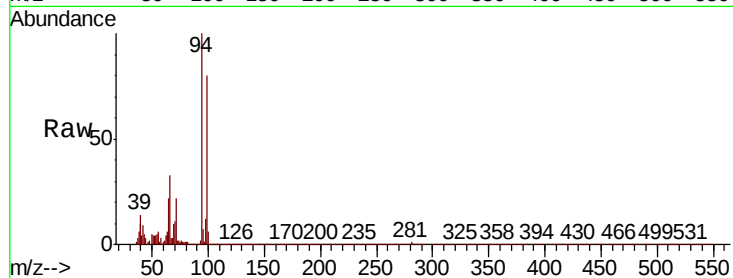
BNA\_P

ClientSampleId :

BEPAS

Tot Ion: 94 Resp: 34377

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 21.7  | 19.2  | 28.8  |
| 66  | 32.7  | 25.7  | 38.5  |



#45

Dimethylphthalate

Concen: 5.036 ng/ul

RT: 9.51 min Scan# 1262

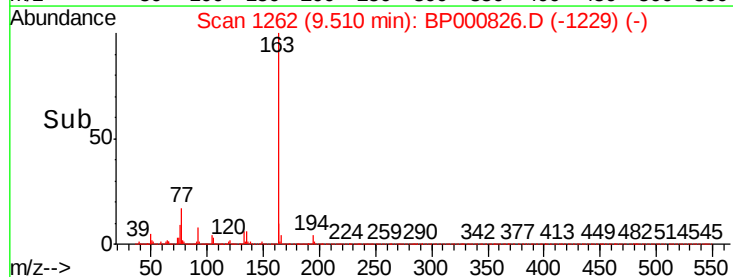
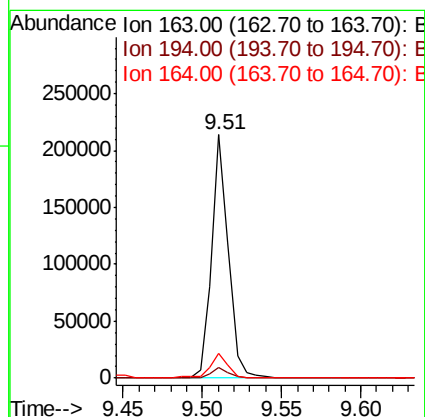
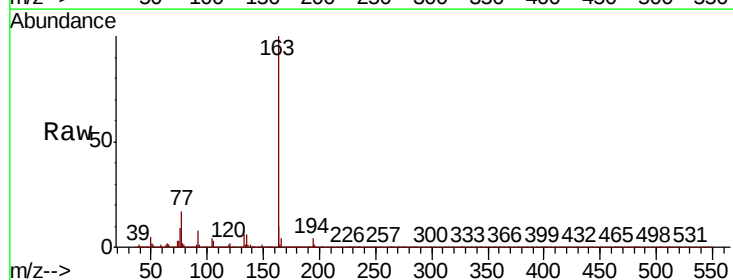
Delta R.T. -0.01 min

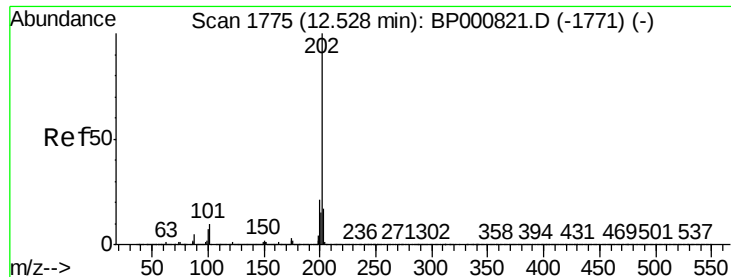
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Acq: 16 Oct 2019 21:25

Tgt Ion: 163 Resp: 159669

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.3   | 4.9   |
| 164 | 10.1  | 8.1   | 12.1  |





#77

Fluoranthene

Concen: 1.499 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BP000826.D

Acq: 16 Oct 2019 21:25

Instrument :

BNA\_P

ClientSampleId :

BEPAS

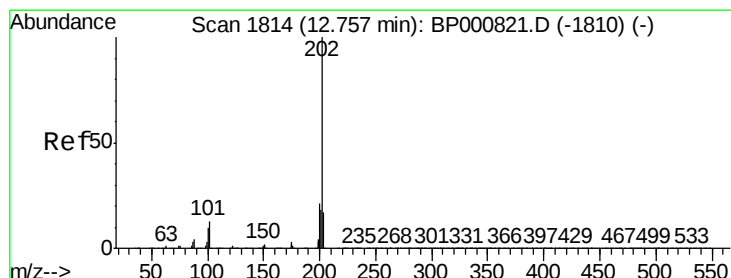
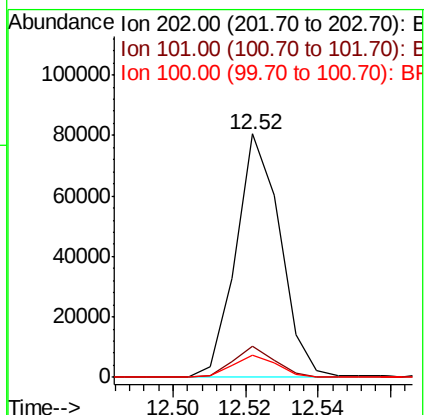
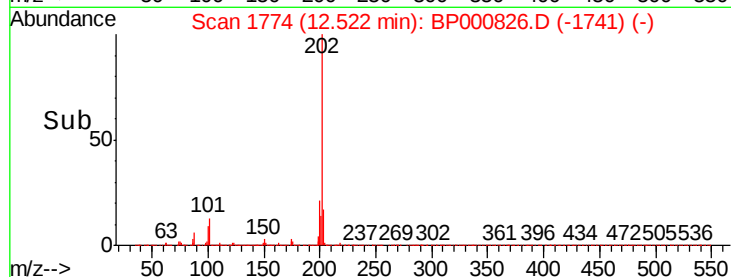
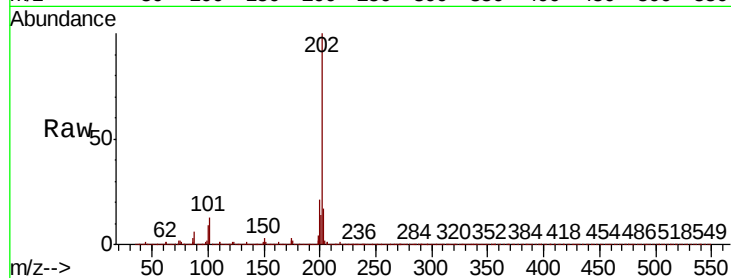
Tot Ion:202 Resp: 67922

Ion Ratio Lower Upper

202 100

101 12.9 9.8 14.6

100 9.3 7.2 10.8



#80

Pyrene

Concen: 1.495 ng/ul

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BP000826.D

Acq: 16 Oct 2019 21:25

Tgt Ion:202 Resp: 70865

Ion Ratio Lower Upper

202 100

101 15.5 9.7 14.5#

100 11.7 7.8 11.8

