

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101124\  
 Data File : BP022341.D  
 Acq On : 11 Oct 2024 19:33  
 Operator : RC/JU  
 Sample : P4237-16  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4EN9

Quant Time: Oct 12 01:06:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 08 02:14:47 2024  
 Response via : Initial Calibration

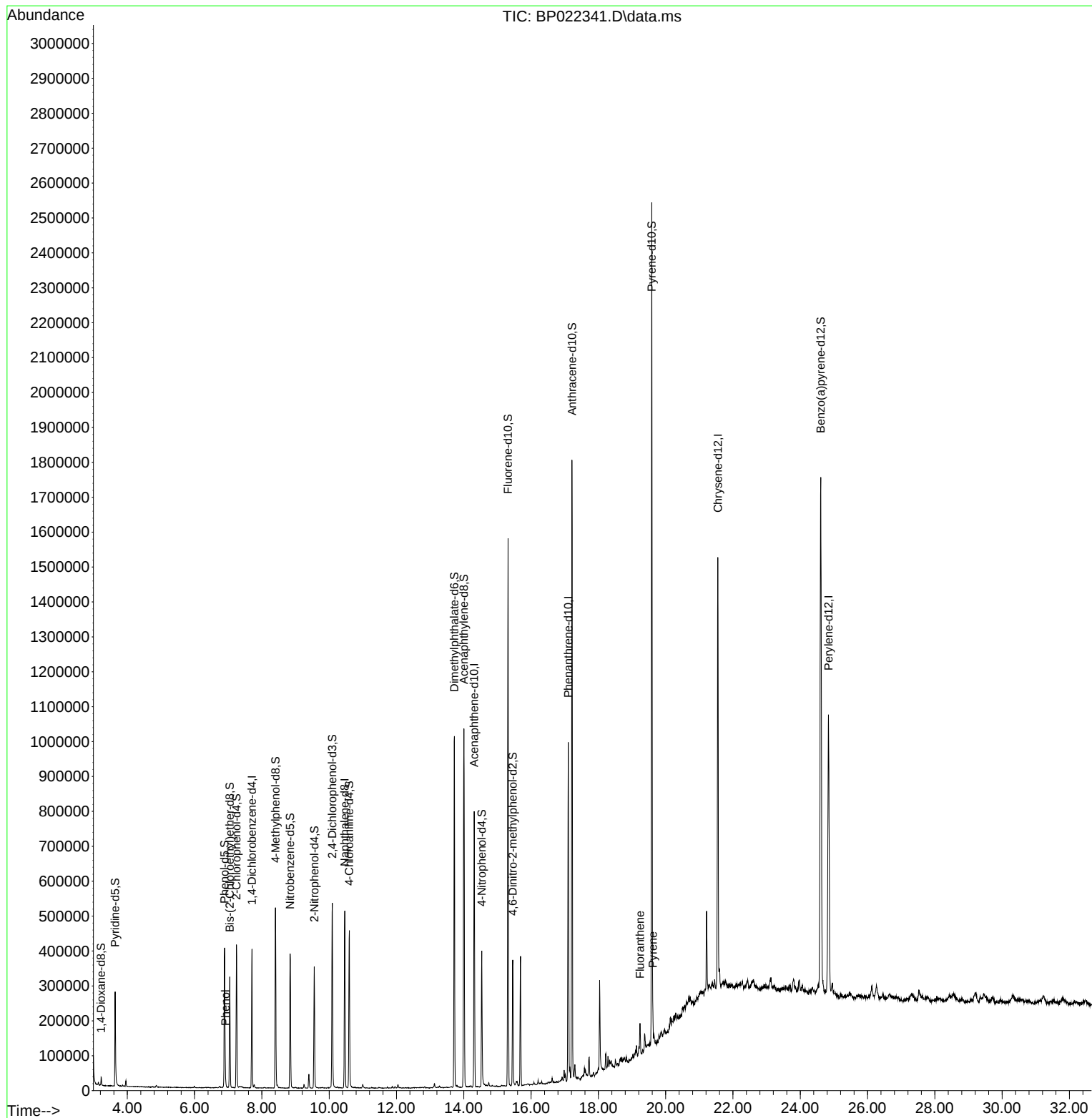
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.705  | 152  | 101991   | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.463 | 136  | 376725   | 20.000 | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.310 | 164  | 285066   | 20.000 | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.104 | 188  | 685178   | 20.000 | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.551 | 240  | 758326   | 20.000 | ng/u1 | 0.01     |
| 88) Perylene-d12              | 24.839 | 264  | 914082   | 20.000 | ng/u1 | 0.02     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.222  | 96   | 11234    | 4.280  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.640  | 84   | 152212   | 21.126 | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 6.893  | 99   | 222600   | 25.928 | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.046  | 67   | 130339   | 25.830 | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.246  | 132  | 171357   | 28.129 | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.405  | 113  | 187479   | 27.363 | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 8.840  | 128  | 83294    | 28.755 | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.557  | 143  | 102147   | 30.459 | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.093 | 165  | 208002   | 29.183 | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.599 | 131  | 217791   | 25.859 | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 695377   | 30.702 | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.004 | 160  | 753106   | 31.306 | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.534 | 143  | 88167    | 23.204 | ng/u1 | 0.00     |
| 60) Fluorene-d10              | 15.316 | 176  | 639924   | 32.574 | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 200  | 97726    | 21.686 | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.216 | 188  | 1065890  | 33.069 | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.586 | 212  | 1388593  | 34.627 | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.610 | 264  | 1677236  | 34.358 | ng/u1 | 0.01     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 8) Phenol                     | 6.916  | 94   | 10362    | 1.160  | ng/u1 | 95       |
| 80) Fluoranthene              | 19.239 | 202  | 58875    | 1.277  | ng/u1 | 99       |
| 82) Pyrene                    | 19.622 | 202  | 60750    | 1.229  | ng/u1 | 98       |
| -----                         |        |      |          |        |       |          |

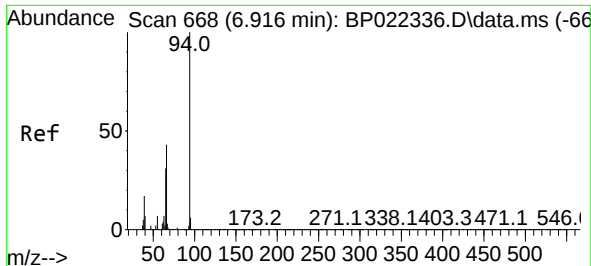
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Phenol

Concen: 1.160 ng/ul

RT: 6.916 min Scan# 6

Delta R.T. 0.006 min

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BNA\_P

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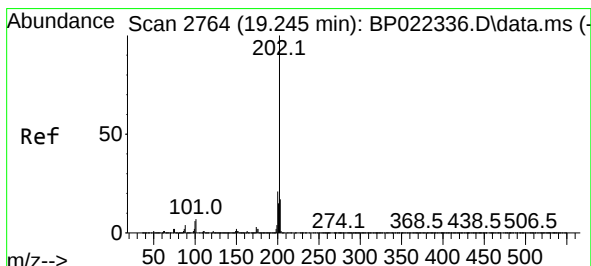
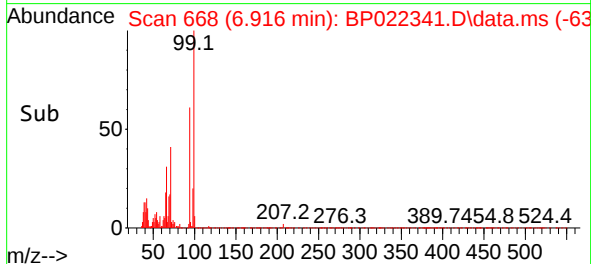
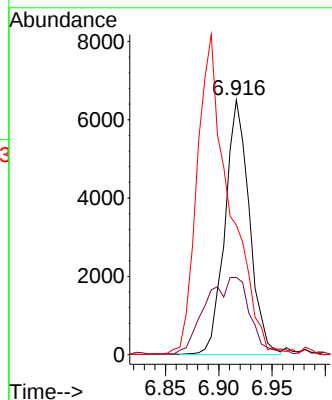
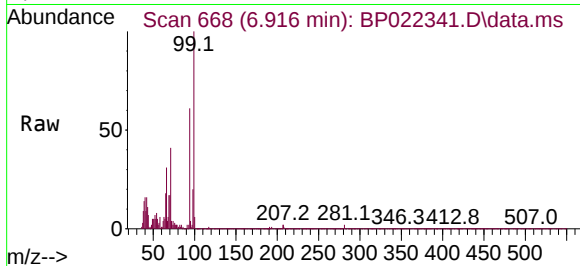
Tgt Ion: 94 Resp: 10362

Ion Ratio Lower Upper

94 100

65 30.3 25.9 38.9

66 50.9 37.6 56.4



#80

Fluoranthene

Concen: 1.277 ng/ul

RT: 19.239 min Scan# 2763

Delta R.T. -0.006 min

Lab File: BP022341.D

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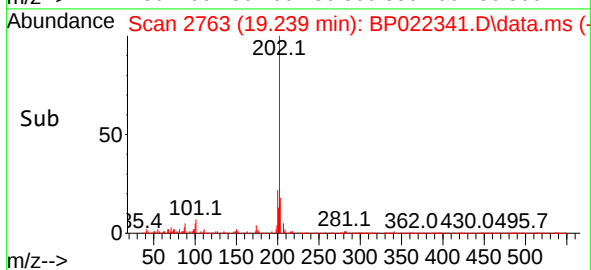
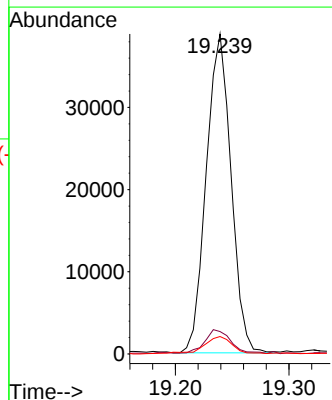
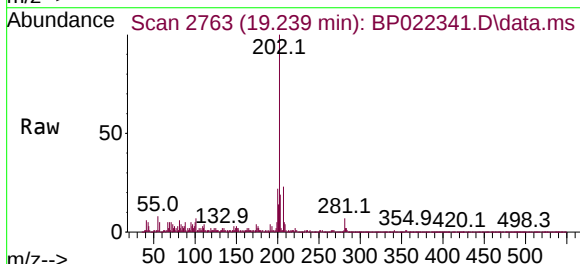
Tgt Ion: 202 Resp: 58875

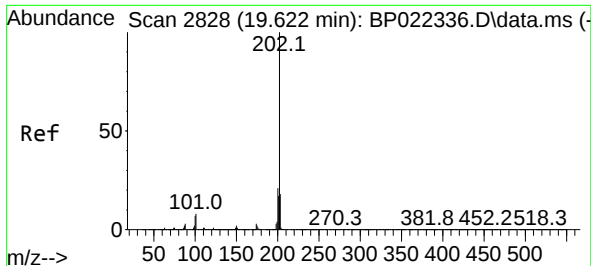
Ion Ratio Lower Upper

202 100

101 7.0 5.8 8.8

100 5.5 4.5 6.7





#82  
 Pyrene  
 Concen: 1.229 ng/ul  
 RT: 19.622 min Scan# 21  
 Delta R.T. -0.000 min  
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Tgt Ion:202 Resp: 60750  
 Ion Ratio Lower Upper  
 202 100  
 101 9.6 6.7 10.1  
 100 7.3 5.8 8.6

