

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012324\  
 Data File : BP019431.D  
 Acq On : 23 Jan 2024 21:49  
 Operator : MA/JU  
 Sample : P1158-11  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Jan 24 00:08:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP010824.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 22 11:49:04 2024  
 Response via : Initial Calibration

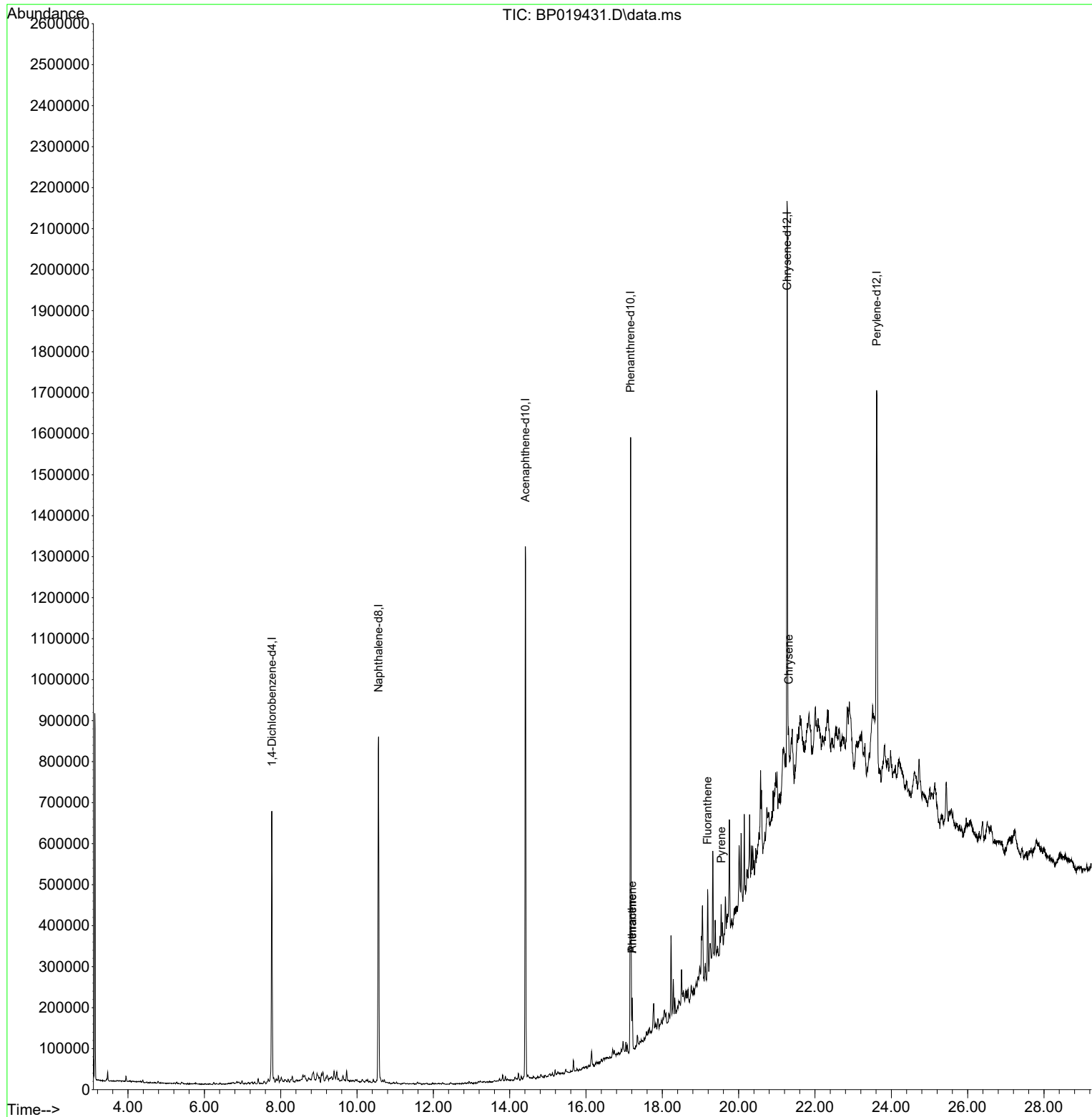
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 174777   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.563 | 136  | 669109   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.410 | 164  | 448945   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.169 | 188  | 900623   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.269 | 240  | 675171   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.616 | 264  | 773511   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.134  | 96   | 92       | 0.020  | ng/uL  | -0.08    |
| 4) Pyridine-d5                | 3.646  | 84   | 89       | 0.007  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 6.969  | 99   | 12       | 0.001  | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.111  | 67   | 43       | 0.004  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.316  | 132  | 5        | 0.000  | ng/ul  | 0.01     |
| 15) 4-Methylphenol-d8         | 8.493  | 113  | 80       | 0.006  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.940  | 128  | 15       | 0.003  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.657  | 143  | 7        | 0.001  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.193 | 165  | 18       | 0.001  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.716 | 131  | 13       | 0.001  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.822 | 166  | 70       | 0.002  | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.110 | 160  | 212      | 0.005  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.657 | 143  | 135      | 0.022  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.387 | 176  | 64       | 0.002  | ng/ul  | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.557 | 200  | 77       | 0.012  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.275 | 188  | 1667     | 0.037  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.510 | 212  | 225      | 0.005  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.398 | 264  | 1072     | 0.025  | ng/ul  | -0.08    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.210 | 178  | 70890    | 1.401  | ng/ul  | 98       |
| 74) Anthracene                | 17.210 | 178  | 71207    | 1.388  | ng/ul  | 97       |
| 80) Fluoranthene              | 19.186 | 202  | 132247   | 2.541  | ng/ul  | 98       |
| 82) Pyrene                    | 19.545 | 202  | 60919    | 1.153  | ng/ul  | 97       |
| 87) Chrysene                  | 21.310 | 228  | 49669    | 1.034  | ng/ul# | 93       |
| -----                         |        |      |          |        |        |          |

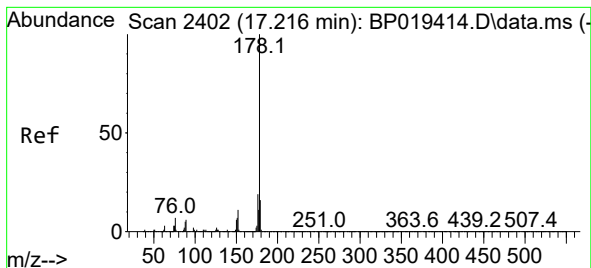
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 1.401 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BP019431.D

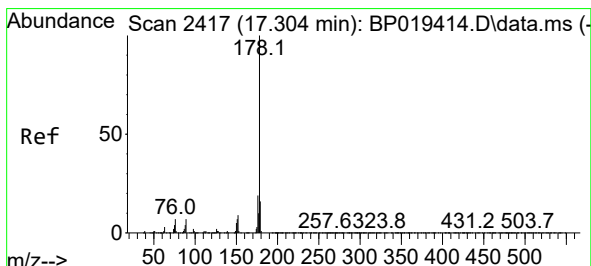
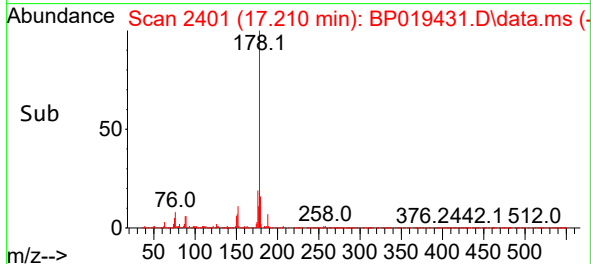
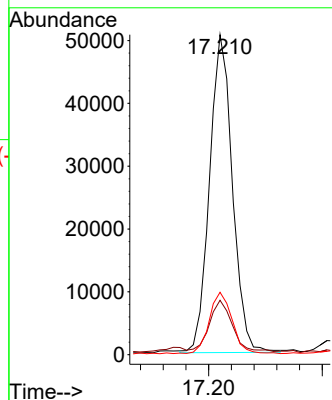
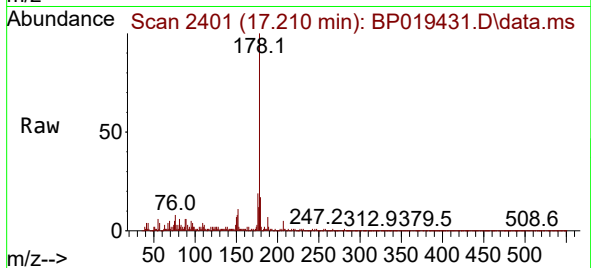
Acq: 23 Jan 2024 21:49

Instrument :

BNA\_P

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 70890     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 179         | 17.0  | 12.1 18.1 |
| 176         | 19.5  | 15.4 23.2 |



#74

Anthracene

Concen: 1.388 ng/ul

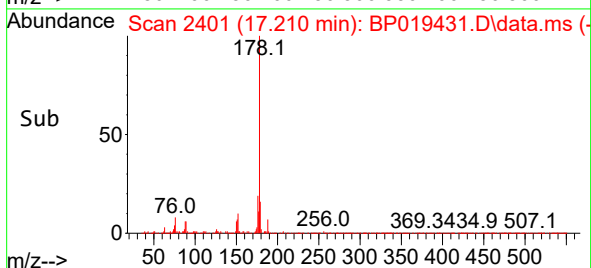
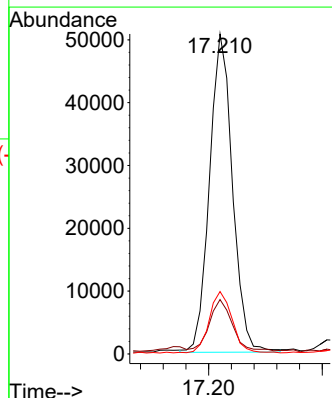
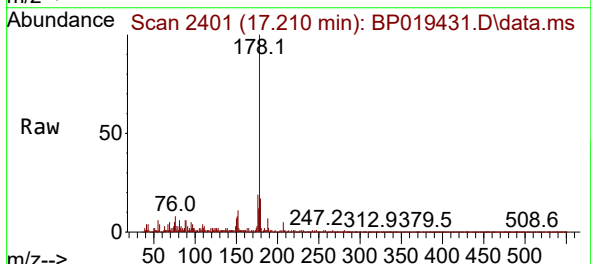
RT: 17.210 min Scan# 2401

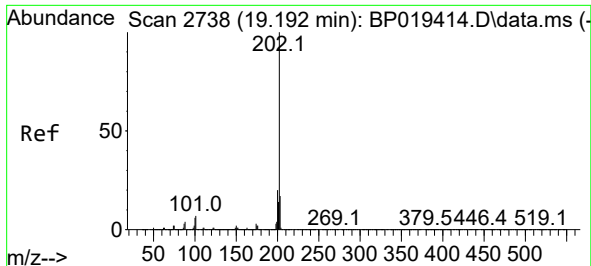
Delta R.T. -0.094 min

Lab File: BP019431.D

Acq: 23 Jan 2024 21:49

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 71207     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 179         | 17.0  | 12.3 18.5 |
| 176         | 19.5  | 14.6 22.0 |

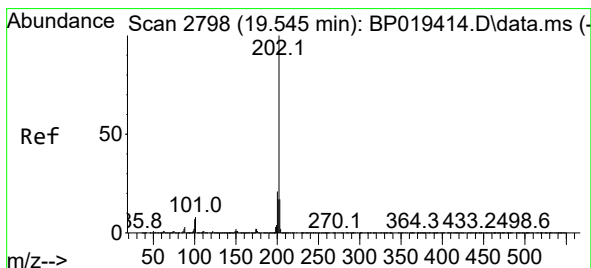
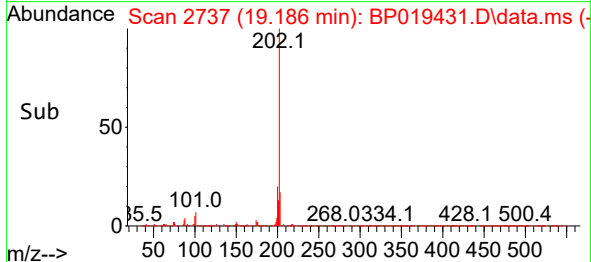
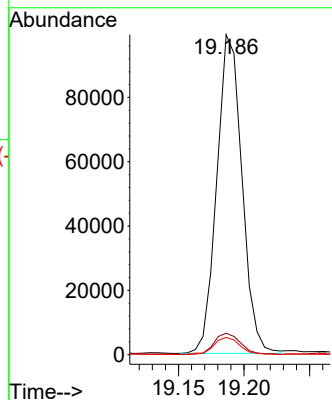
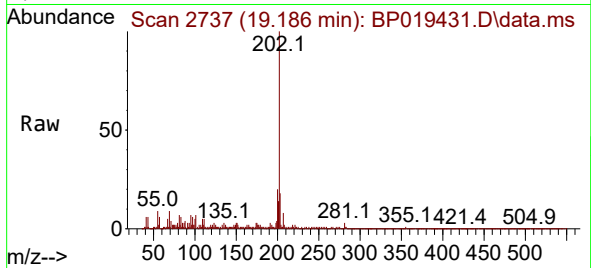




#80  
Fluoranthene  
Concen: 2.541 ng/ul  
RT: 19.186 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019431.D  
Acq: 23 Jan 2024 21:49

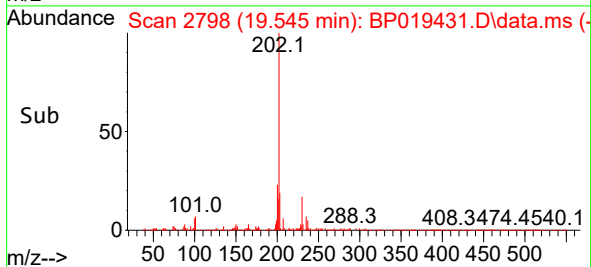
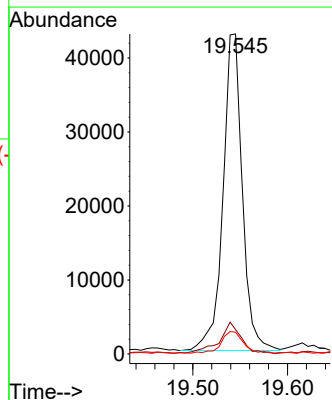
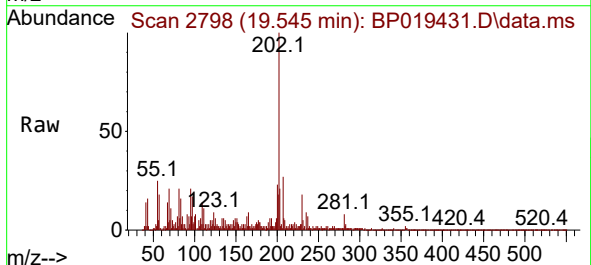
Instrument :  
BNA\_P  
ClientSampleId :

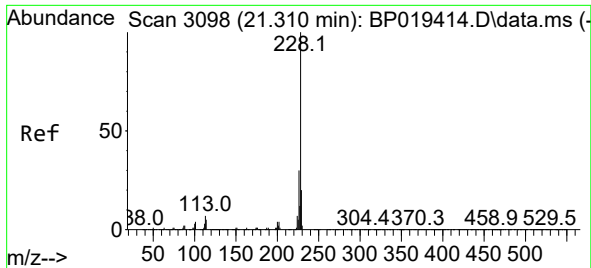
Tgt Ion:202 Resp: 132247  
Ion Ratio Lower Upper  
202 100  
101 6.7 5.9 8.9  
100 5.4 4.6 7.0



#82  
Pyrene  
Concen: 1.153 ng/ul  
RT: 19.545 min Scan# 2798  
Delta R.T. 0.000 min  
Lab File: BP019431.D  
Acq: 23 Jan 2024 21:49

Tgt Ion:202 Resp: 60919  
Ion Ratio Lower Upper  
202 100  
101 7.6 7.2 10.8  
100 6.8 5.8 8.6





#87

Chrysene

Concen: 1.034 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

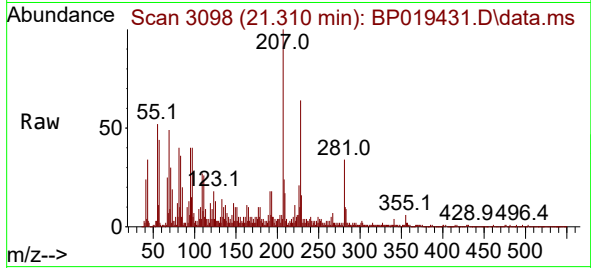
Lab File: BP019431.D

Acq: 23 Jan 2024 21:49

Instrument :

BNA\_P

ClientSampleId :



Tgt Ion:228 Resp: 49669

Ion Ratio Lower Upper

228 100

226 32.6 23.9 35.9

229 24.4 15.5 23.3#

