

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
 Data File : BP023452.D  
 Acq On : 17 Dec 2024 03:15  
 Operator : RC/JU  
 Sample : P5234-14  
 Misc : GCMS CONFIRMATION  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AR8

Quant Time: Dec 17 04:29:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 11 00:30:30 2024  
 Response via : Initial Calibration

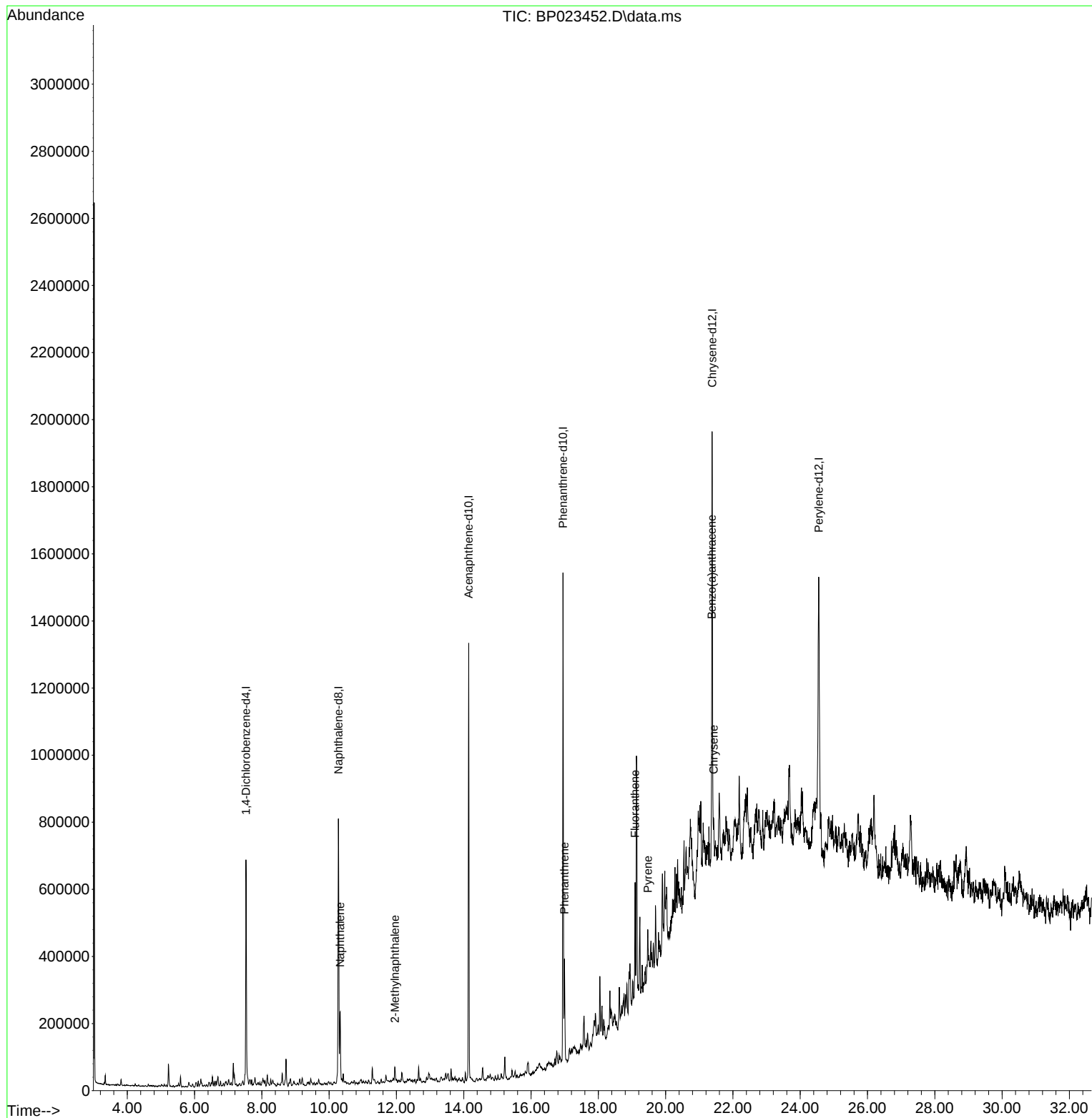
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.528  | 152  | 175293   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.275 | 136  | 614092   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.146 | 164  | 416324   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 16.951 | 188  | 783611   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.380 | 240  | 691046   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.551 | 264  | 836915   | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000  | ng/uL  |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000  | ng/ul  |          |
| 9) Bis-(2-Chloroethyl)eth...  | 0.000  | 67   | 0d       | 0.000  | ng/ul  |          |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000  | ng/ul  |          |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/ul  |          |
| 21) Nitrobenzene-d5           | 0.000  | 128  | 0d       | 0.000  | ng/ul  |          |
| 24) 2-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 28) 2,4-Dichlorophenol-d3     | 0.000  | 165  | 0d       | 0.000  | ng/ul  |          |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/ul  |          |
| 46) Dimethylphthalate-d6      | 0.000  | 166  | 0d       | 0.000  | ng/ul  |          |
| 49) Acenaphthylene-d8         | 0.000  | 160  | 0d       | 0.000  | ng/ul  |          |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000  | ng/ul  |          |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 0.000  | 188  | 0d       | 0.000  | ng/ul  |          |
| 81) Pyrene-d10                | 0.000  | 212  | 0d       | 0.000  | ng/ul  |          |
| 92) Benzo(a)pyrene-d12        | 0.000  | 264  | 0d       | 0.000  | ng/ul  |          |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 10.328 | 128  | 161252   | 5.016  | ng/ul  | 98       |
| 36) 2-Methylnaphthalene       | 11.952 | 142  | 25830    | 1.083  | ng/ul  | 94       |
| 72) Phenanthrene              | 16.992 | 178  | 180559   | 4.457  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.092 | 202  | 224229   | 5.420  | ng/ul  | 98       |
| 82) Pyrene                    | 19.475 | 202  | 64723    | 1.474  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.369 | 228  | 47747    | 1.030  | ng/ul# | 89       |
| 87) Chrysene                  | 21.428 | 228  | 76078    | 1.713  | ng/ul# | 91       |
| -----                         |        |      |          |        |        |          |

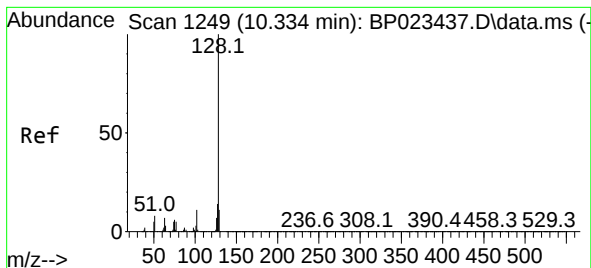
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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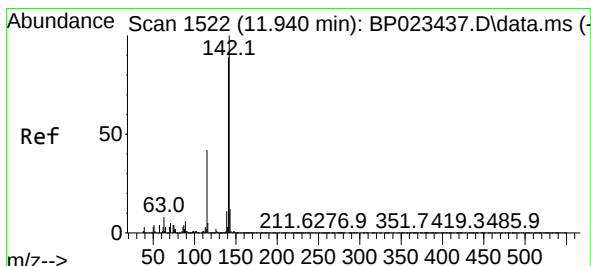
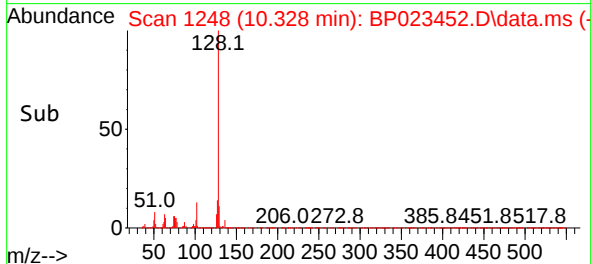
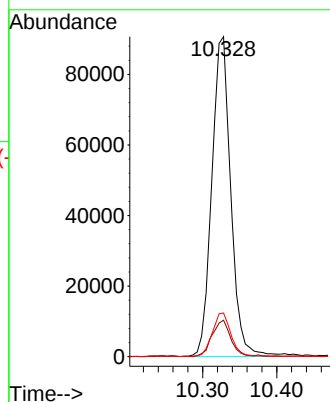
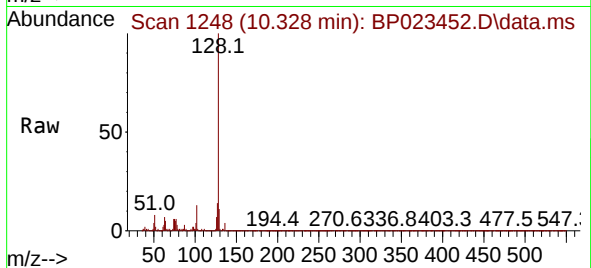




#30  
Naphthalene  
Concen: 5.016 ng/ul  
RT: 10.328 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP023452.D  
Acq: 17 Dec 2024 03:15

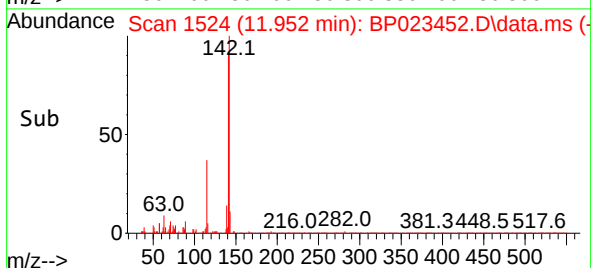
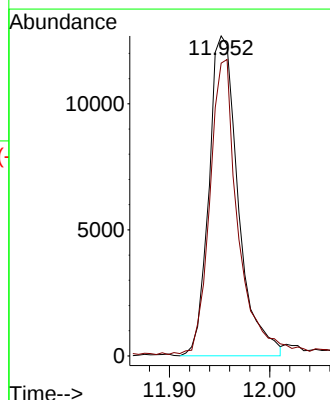
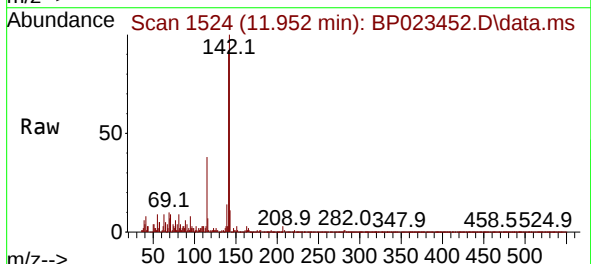
Instrument :  
BNA\_P  
ClientSampleId :  
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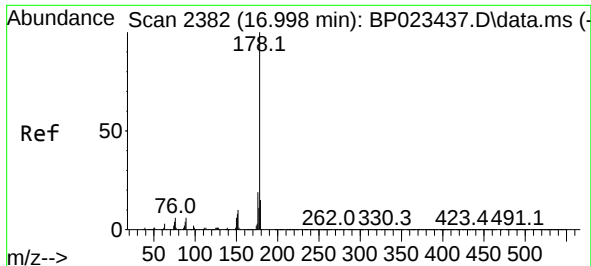
Tgt Ion:128 Resp: 161252  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.5 12.7  
127 13.6 10.5 15.7



#36  
2-Methylnaphthalene  
Concen: 1.083 ng/ul  
RT: 11.952 min Scan# 1524  
Delta R.T. 0.006 min  
Lab File: BP023452.D  
Acq: 17 Dec 2024 03:15

Tgt Ion:142 Resp: 25830  
Ion Ratio Lower Upper  
142 100  
141 91.5 69.0 103.6

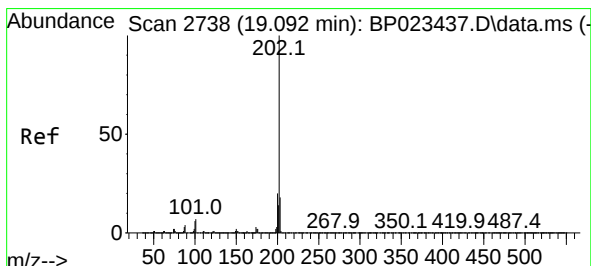
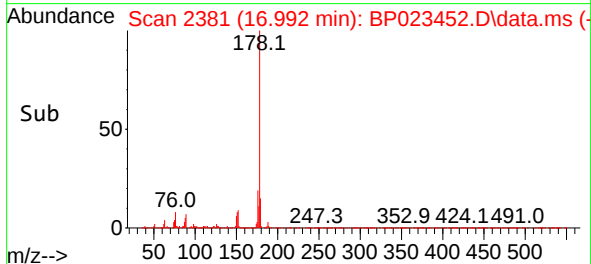
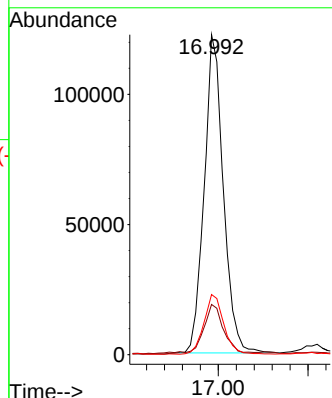
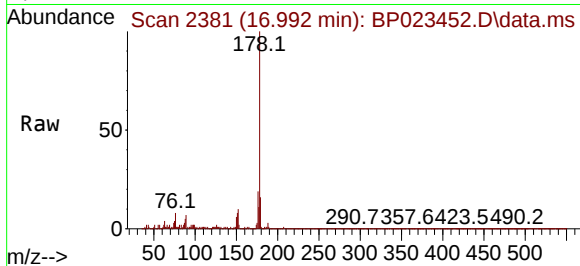




#72  
Phenanthrene  
Concen: 4.457 ng/ul  
RT: 16.992 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP023452.D  
Acq: 17 Dec 2024 03:15

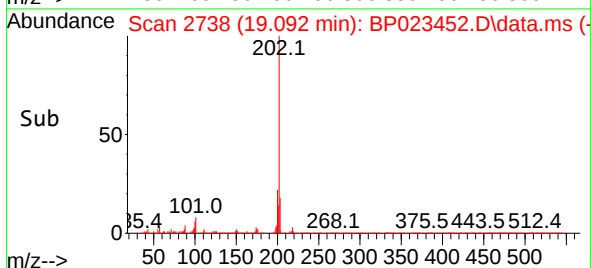
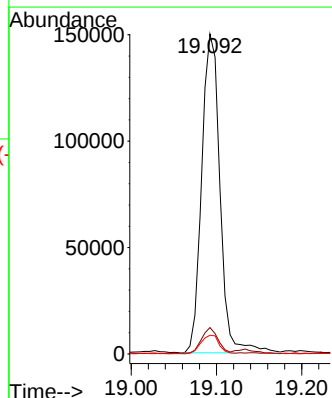
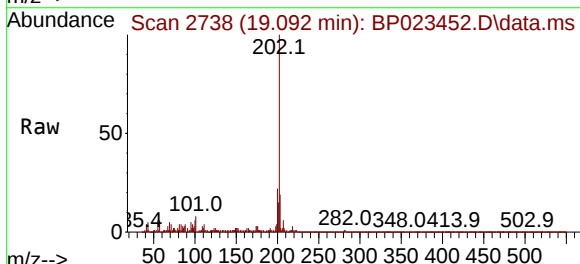
Instrument :  
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ClientSampleId :  
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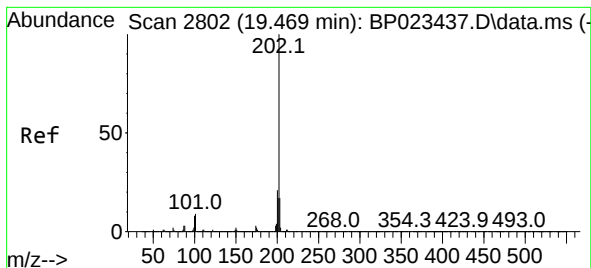
Tgt Ion:178 Resp: 180559  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.1 18.1  
176 18.8 15.4 23.0



#80  
Fluoranthene  
Concen: 5.420 ng/ul  
RT: 19.092 min Scan# 2738  
Delta R.T. -0.006 min  
Lab File: BP023452.D  
Acq: 17 Dec 2024 03:15

Tgt Ion:202 Resp: 224229  
Ion Ratio Lower Upper  
202 100  
101 8.2 5.6 8.4  
100 5.9 4.6 7.0





#82

Pyrene

Concen: 1.474 ng/ul

RT: 19.475 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP023452.D

Acq: 17 Dec 2024 03:15

Instrument :

BNA\_P

ClientSampleId :

C0AR8

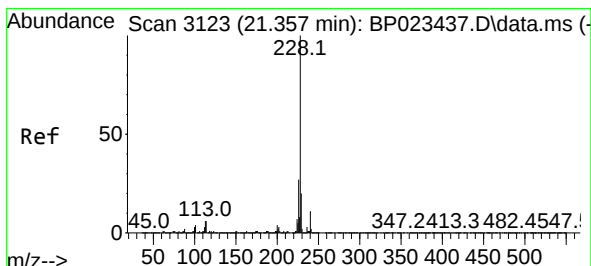
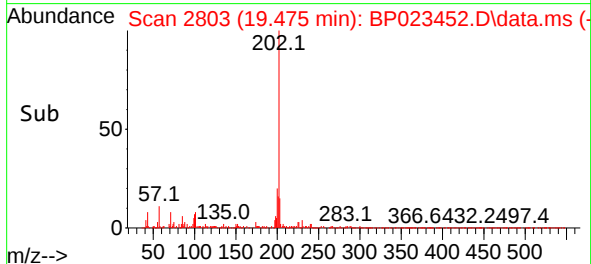
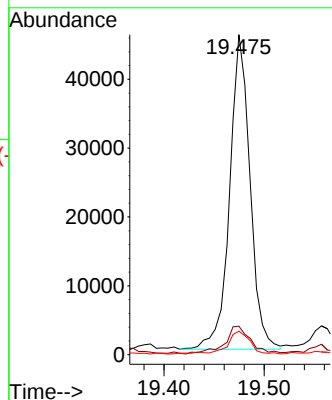
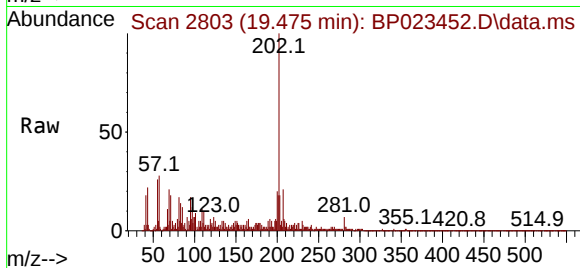
Tgt Ion:202 Resp: 64723

Ion Ratio Lower Upper

202 100

101 8.9 6.7 10.1

100 7.3 5.8 8.8



#85

Benzo(a)anthracene

Concen: 1.030 ng/ul

RT: 21.369 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BP023452.D

Acq: 17 Dec 2024 03:15

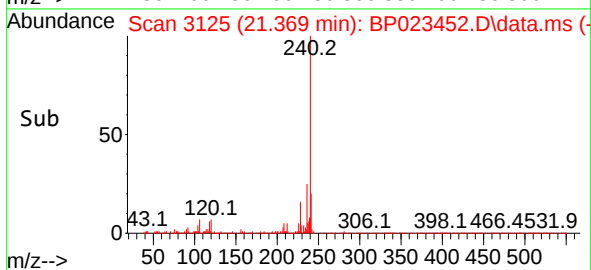
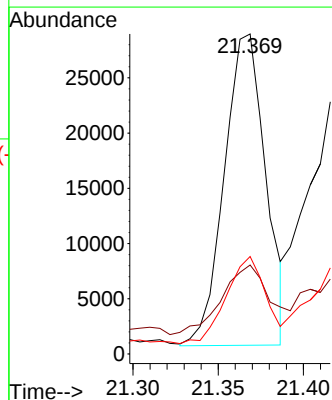
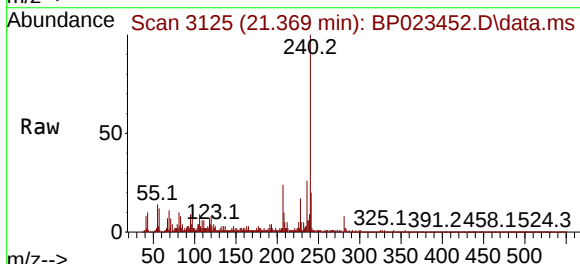
Tgt Ion:228 Resp: 47747

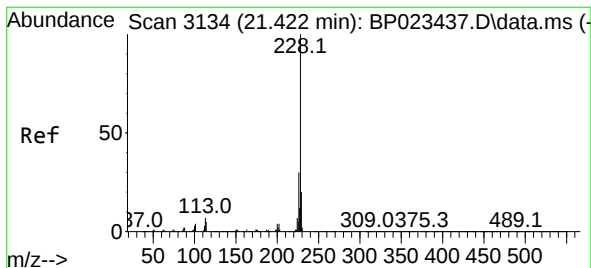
Ion Ratio Lower Upper

228 100

229 27.8 15.7 23.5#

226 30.4 21.6 32.4





#87

Chrysene

Concen: 1.713 ng/ul

RT: 21.428 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP023452.D

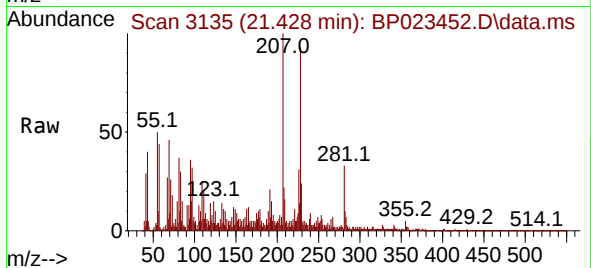
Acq: 17 Dec 2024 03:15

Instrument :

BNA\_P

ClientSampleId :

C0AR8



Tgt Ion:228 Resp: 76078

Ion Ratio Lower Upper

228 100

226 33.4 24.2 36.2

229 26.1 15.6 23.4#

