

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120423\  
 Data File : BP018611.D  
 Acq On : 05 Dec 2023 19:40  
 Operator : MA/JU  
 Sample : 05582-01  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AJ6

Quant Time: Dec 05 21:31:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 04 21:39:40 2023  
 Response via : Initial Calibration

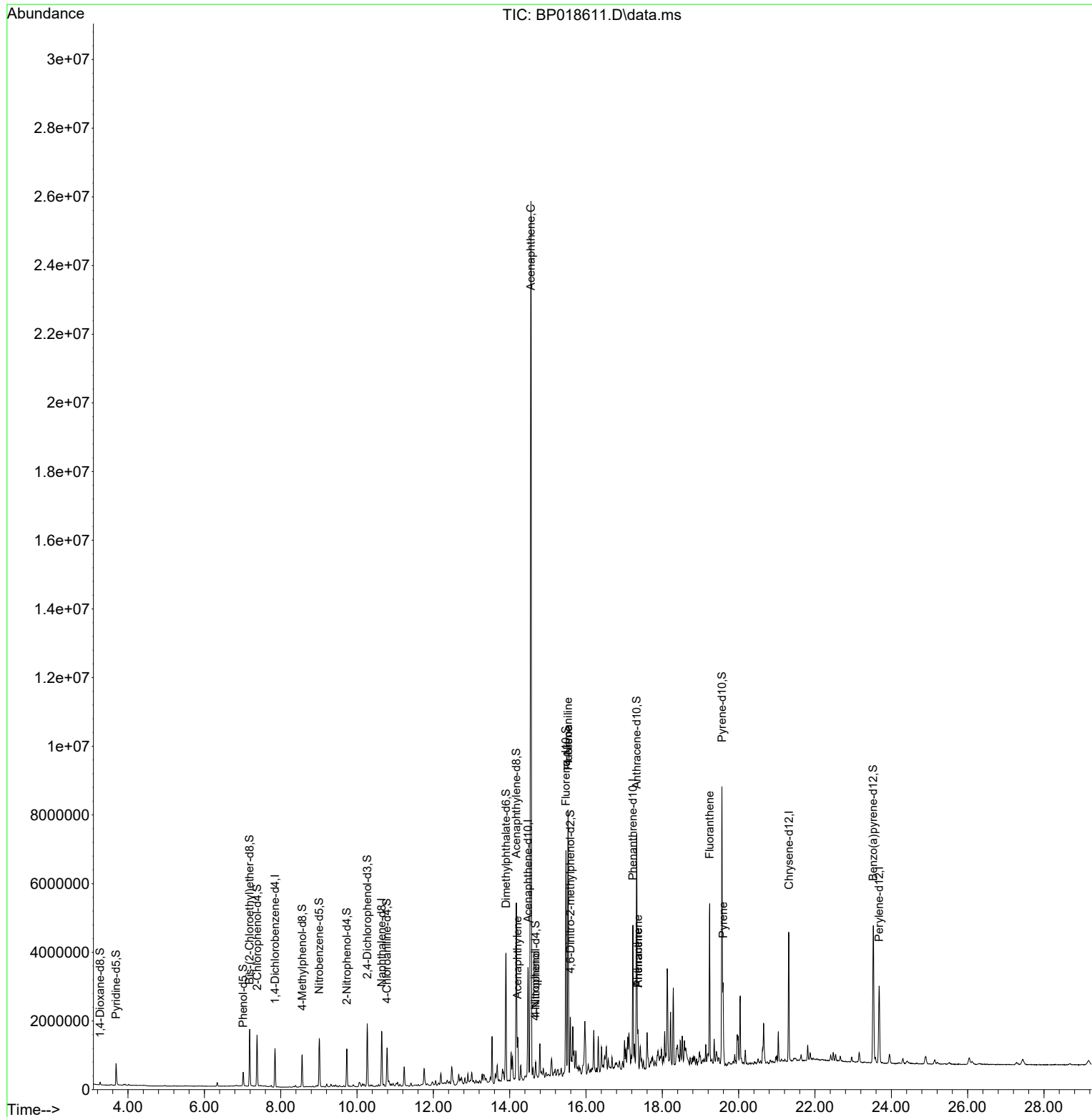
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.852  | 152  | 295275   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.646 | 136  | 1341930  | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.481 | 164  | 1136243  | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.228 | 188  | 2368491  | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.316 | 240  | 1662355  | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.680 | 264  | 1683895  | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.269  | 96   | 39746    | 4.587   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 342559   | 14.759  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.016  | 99   | 233751   | 7.888   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.187  | 67   | 707197   | 40.267  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.381  | 132  | 659478   | 28.522  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.563  | 113  | 341856   | 14.256  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.010  | 128  | 327373   | 27.410  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.734  | 143  | 335424   | 27.088  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.269 | 165  | 656284   | 25.920  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.787 | 131  | 572803   | 17.310  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.904 | 166  | 2587776  | 25.518  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.175 | 160  | 3278234  | 29.357  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.681 | 143  | 83360    | 5.008   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.475 | 176  | 2522030  | 29.628  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 200  | 363263   | 25.579  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.328 | 188  | 3803684  | 30.548  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.563 | 212  | 3998908  | 30.903  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.527 | 264  | 2976184  | 30.313  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 50) Acenaphthylene            | 14.204 | 152  | 160211   | 1.276   | ng/ul# | 91       |
| 52) Acenaphthene              | 14.557 | 153  | 12229841 | 147.327 | ng/ul  | 99       |
| 55) 4-Nitrophenol             | 14.675 | 109  | 17626    | 1.402   | ng/ul# | 12       |
| 61) Fluorene                  | 15.534 | 166  | 3439806  | 37.679  | ng/ul  | 100      |
| 63) 4-Nitroaniline            | 15.528 | 138  | 39630    | 2.210   | ng/ul# | 28       |
| 72) Phenanthrene              | 17.363 | 178  | 519378   | 3.631   | ng/ul  | 99       |
| 74) Anthracene                | 17.363 | 178  | 522875   | 3.647   | ng/ul  | 99       |
| 80) Fluoranthene              | 19.239 | 202  | 2661917  | 17.403  | ng/ul  | 98       |
| 82) Pyrene                    | 19.592 | 202  | 1402138  | 9.087   | ng/ul  | 98       |

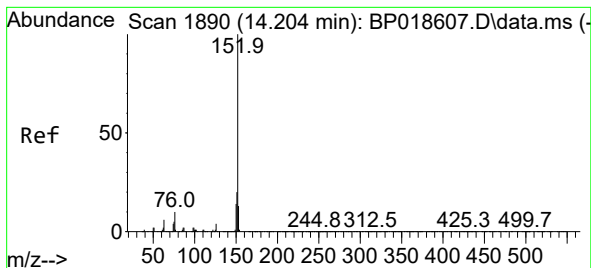
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Dec 04 21:39:40 2023  
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.276 ng/ul

RT: 14.204 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BP018611.D

Acq: 05 Dec 2023 19:40

Instrument :

BNA\_P

ClientSampleId :

C0AJ6

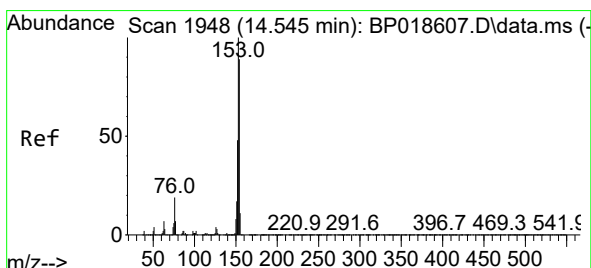
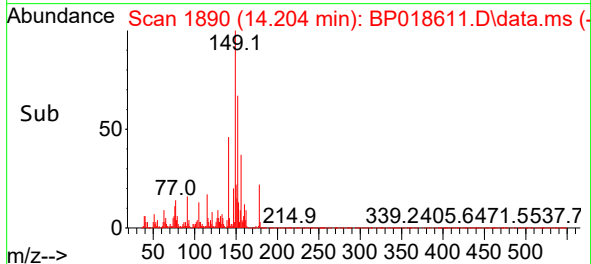
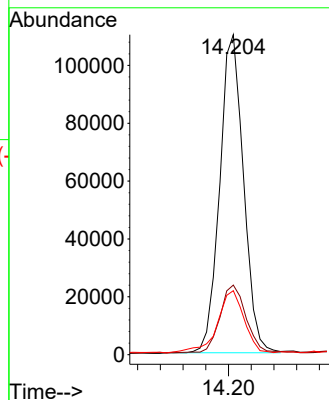
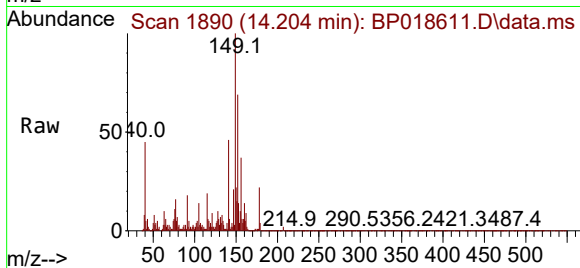
Tgt Ion:152 Resp: 160211

Ion Ratio Lower Upper

152 100

151 21.8 15.9 23.9

153 20.0 10.6 16.0#



#52

Acenaphthene

Concen: 147.327 ng/ul

RT: 14.557 min Scan# 1950

Delta R.T. 0.006 min

Lab File: BP018611.D

Acq: 05 Dec 2023 19:40

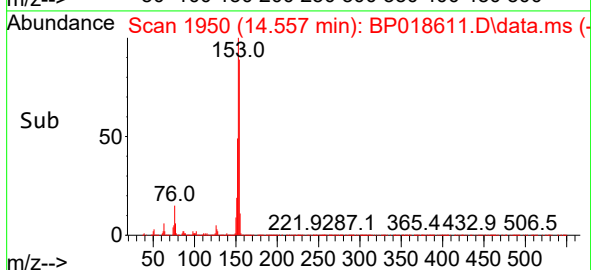
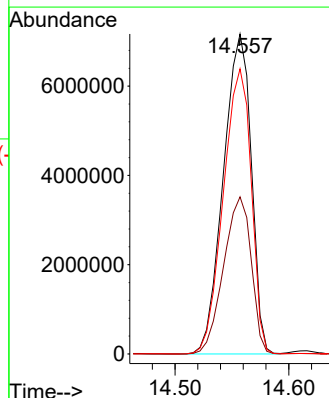
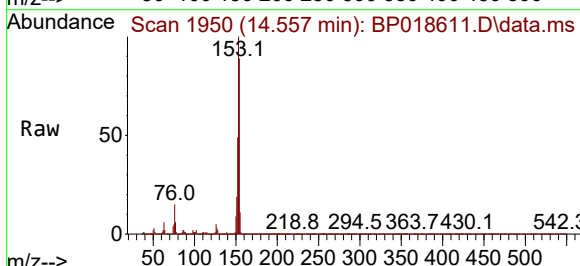
Tgt Ion:153 Resp:12229841

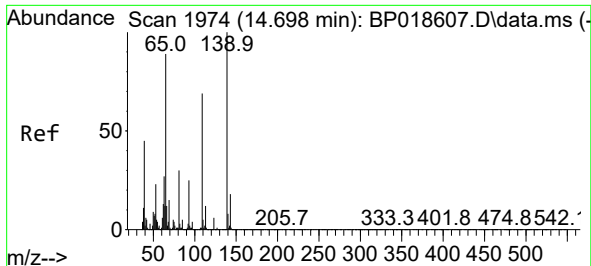
Ion Ratio Lower Upper

153 100

152 49.1 38.1 57.1

154 89.1 71.7 107.5

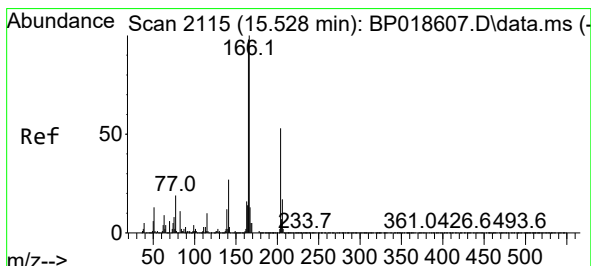
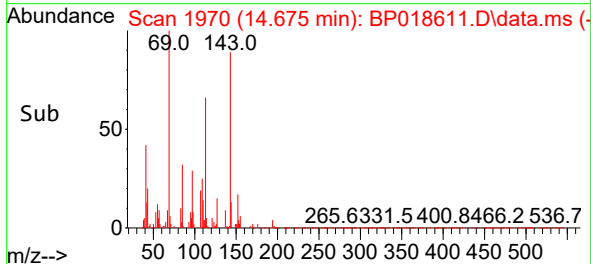
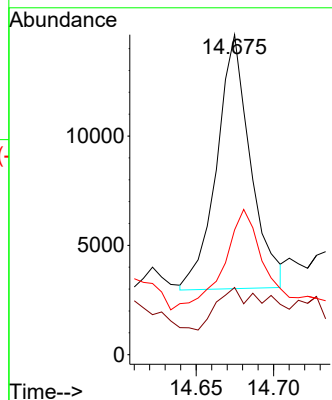
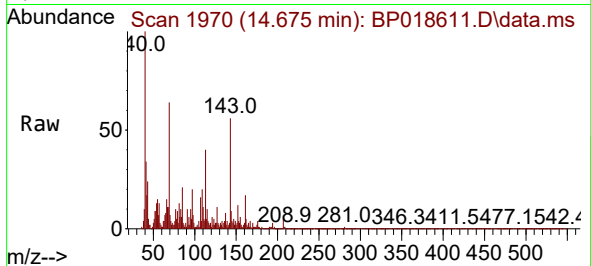




#55  
4-Nitrophenol  
Concen: 1.402 ng/ul  
RT: 14.675 min Scan# 1974  
Delta R.T. -0.023 min  
Lab File: BP018611.D  
Acq: 05 Dec 2023 19:40

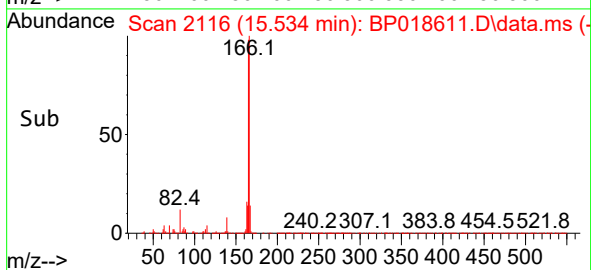
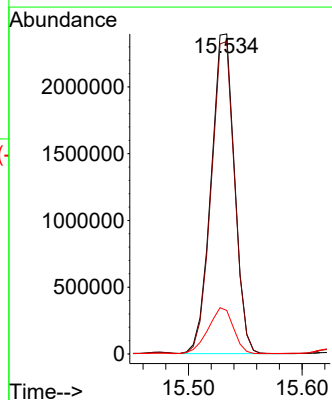
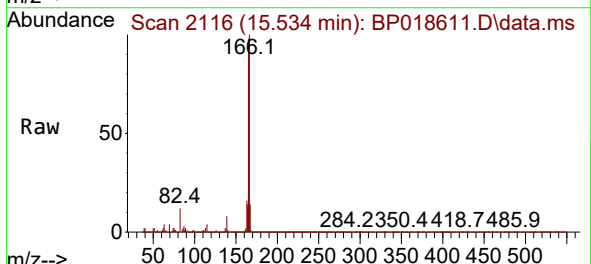
Instrument :  
BNA\_P  
ClientSampleId :  
C0AJ6

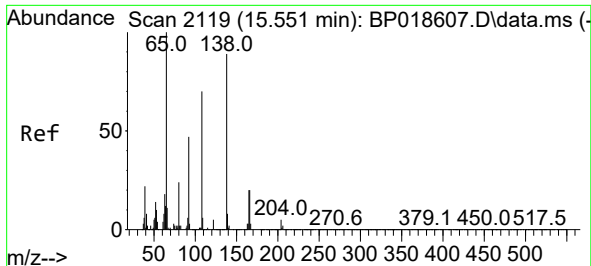
Tgt Ion:109 Resp: 17626  
Ion Ratio Lower Upper  
109 100  
139 21.0 109.0 163.4#  
65 39.0 106.2 159.4#



#61  
Fluorene  
Concen: 37.679 ng/ul  
RT: 15.534 min Scan# 2116  
Delta R.T. 0.000 min  
Lab File: BP018611.D  
Acq: 05 Dec 2023 19:40

Tgt Ion:166 Resp: 3439806  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.0 117.0  
167 13.6 10.8 16.2

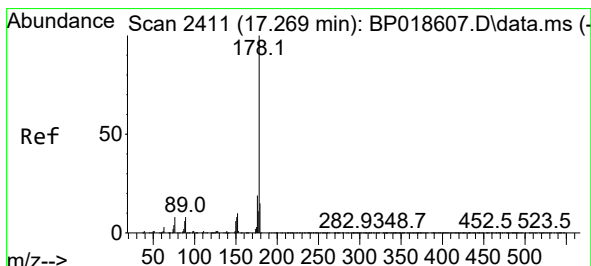
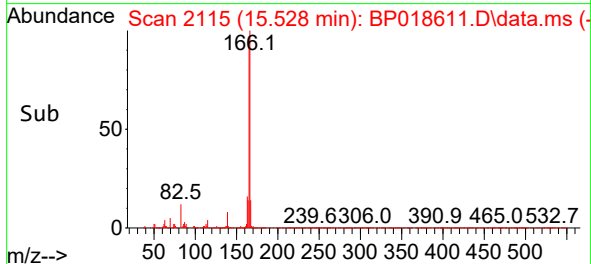
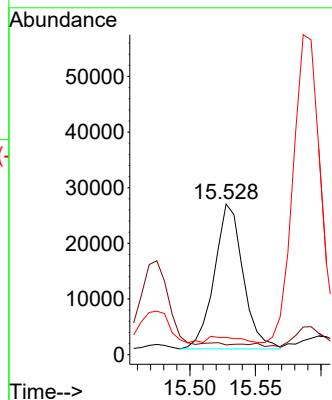
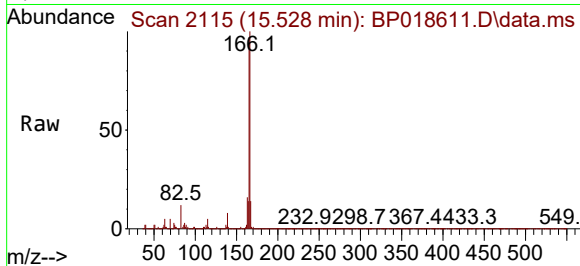




#63  
4-Nitroaniline  
Concen: 2.210 ng/ul  
RT: 15.528 min Scan# 2115  
Delta R.T. -0.029 min  
Lab File: BP018611.D  
Acq: 05 Dec 2023 19:40

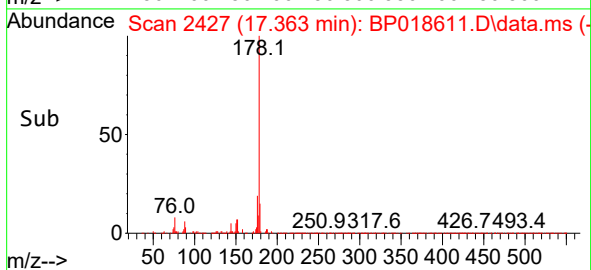
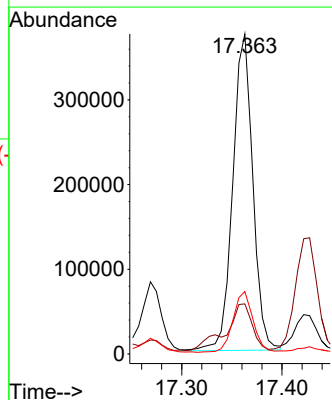
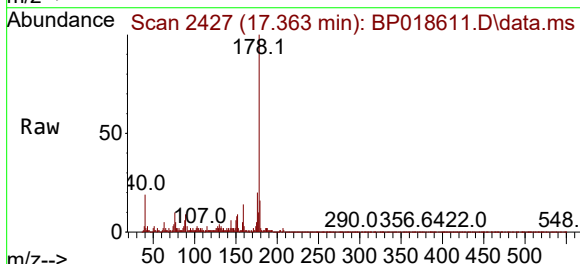
Instrument :  
BNA\_P  
ClientSampleId :  
C0AJ6

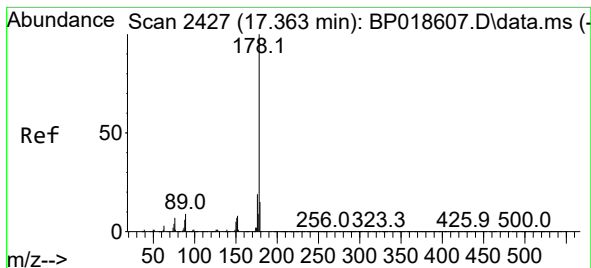
Tgt Ion:138 Resp: 39630  
Ion Ratio Lower Upper  
138 100  
92 6.4 42.3 63.5#  
108 11.5 62.0 93.0#



#72  
Phenanthrene  
Concen: 3.631 ng/ul  
RT: 17.363 min Scan# 2427  
Delta R.T. 0.088 min  
Lab File: BP018611.D  
Acq: 05 Dec 2023 19:40

Tgt Ion:178 Resp: 519378  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.3 18.5  
176 19.5 15.4 23.2





#74

Anthracene

Concen: 3.647 ng/ul

RT: 17.363 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BP018611.D

Acq: 05 Dec 2023 19:40

Instrument :

BNA\_P

ClientSampleId :

C0AJ6

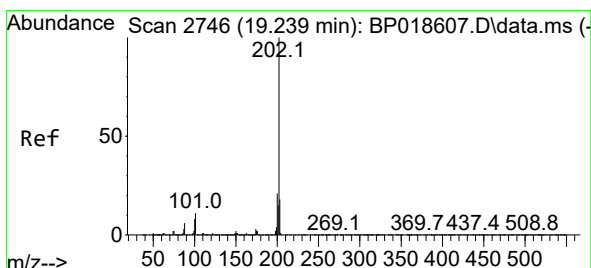
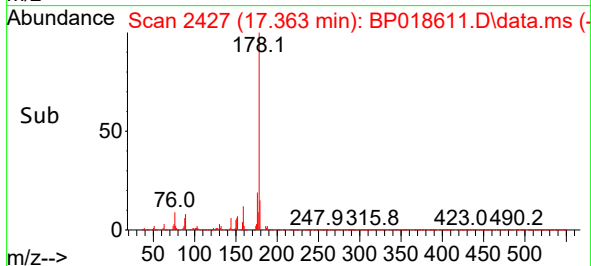
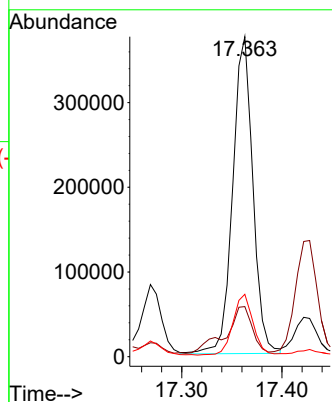
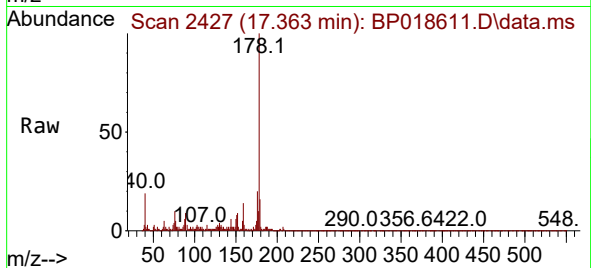
Tgt Ion:178 Resp: 522875

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 19.5 15.0 22.6



#80

Fluoranthene

Concen: 17.403 ng/ul

RT: 19.239 min Scan# 2746

Delta R.T. 0.000 min

Lab File: BP018611.D

Acq: 05 Dec 2023 19:40

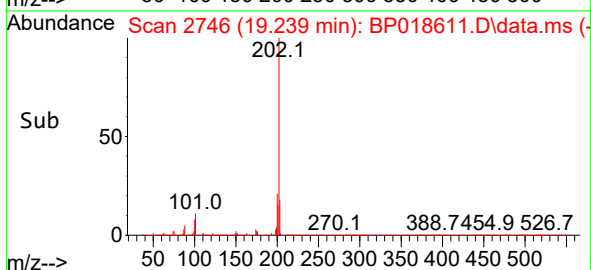
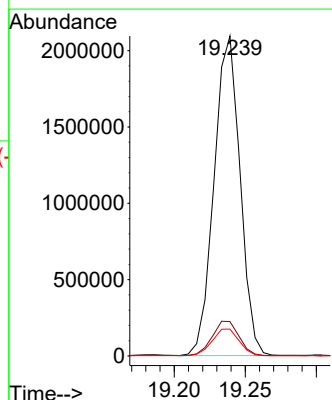
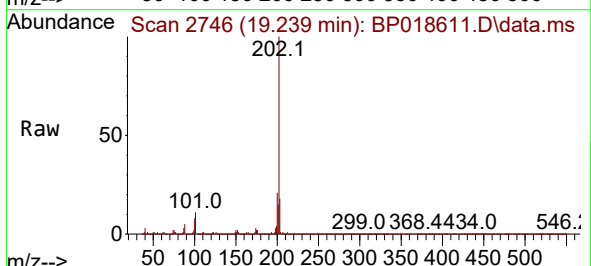
Tgt Ion:202 Resp: 2661917

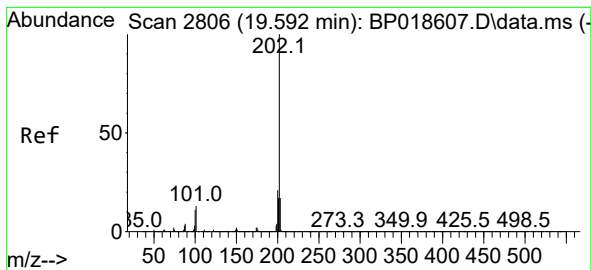
Ion Ratio Lower Upper

202 100

101 10.8 9.1 13.7

100 8.4 7.1 10.7





#82

Pyrene

Concen: 9.087 ng/ul

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018611.D

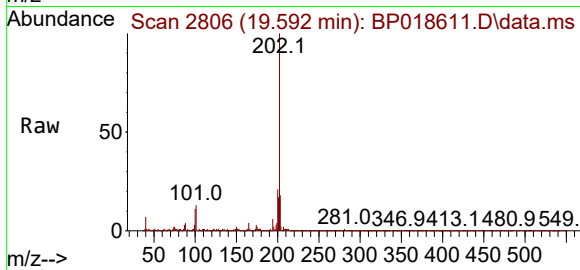
Acq: 05 Dec 2023 19:40

Instrument :

BNA\_P

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Tgt Ion:202 Resp: 1402138

Ion Ratio Lower Upper

202 100

101 12.9 11.0 16.4

100 10.6 9.1 13.7

