

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061522\  
 Data File : BN020174.D  
 Acq On : 15 Jun 2022 14:40  
 Operator : CG/JU  
 Sample : N3298-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AA0

Quant Time: Jun 16 01:11:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN060622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 16 00:50:14 2022  
 Response via : Initial Calibration

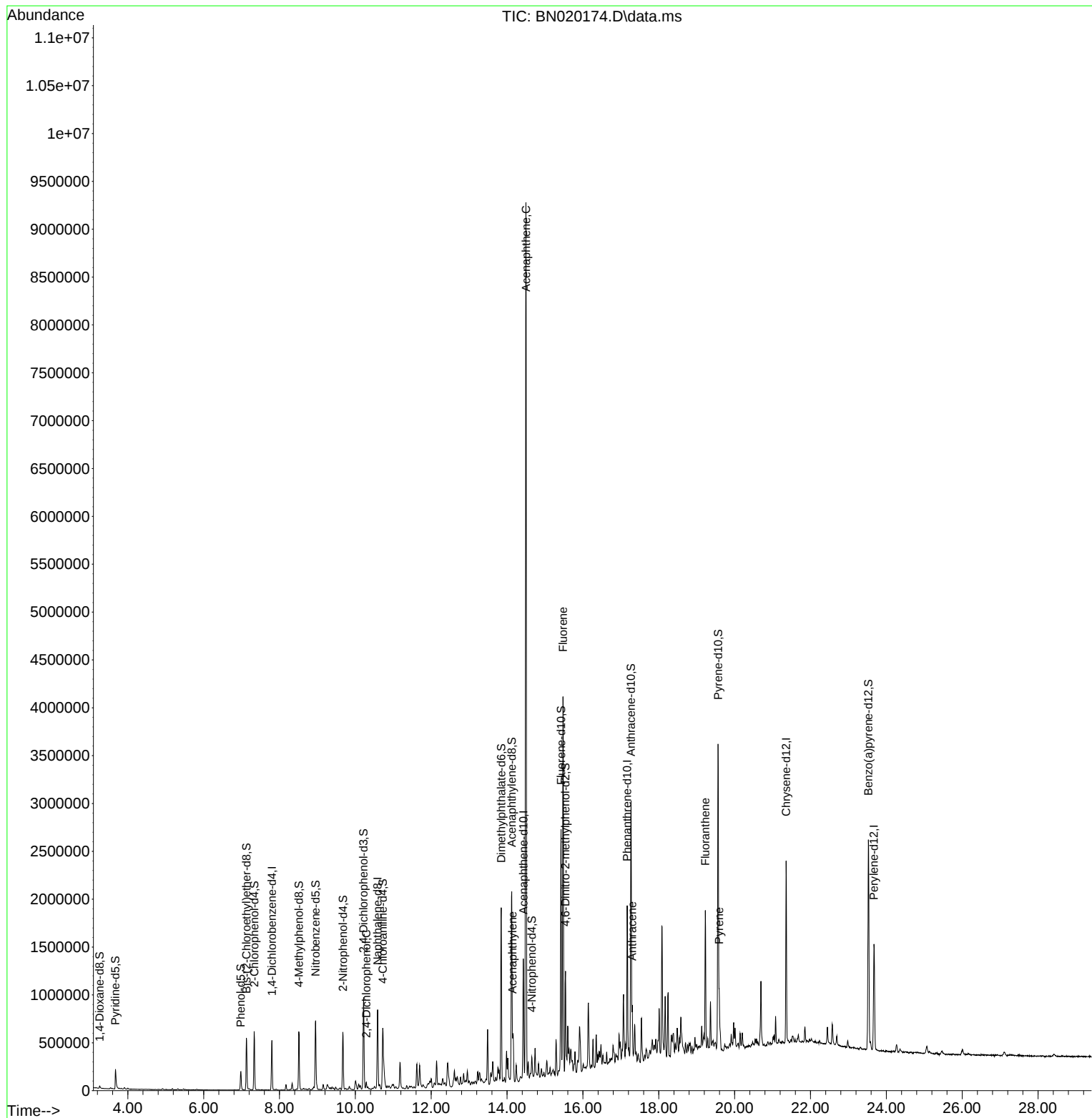
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.799  | 152  | 140438   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.587 | 136  | 678680   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.428 | 164  | 440595   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.169 | 188  | 882726   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.357 | 240  | 832111   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.674 | 264  | 785829   | 20.000  | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.258  | 96   | 14180    | 4.373   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.675  | 84   | 114053   | 12.869  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.981  | 99   | 119060   | 10.245  | ng/u1  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 247447   | 34.081  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.334  | 132  | 284781   | 30.160  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.510  | 113  | 234938   | 23.368  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.952  | 128  | 178371   | 34.546  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.675  | 143  | 191167   | 34.887  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.216 | 165  | 342147   | 35.767  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.722 | 131  | 344236   | 22.222  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.845 | 166  | 1225761  | 38.235  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.122 | 160  | 1390556  | 37.403  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.651 | 143  | 52832    | 8.224   | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.422 | 176  | 986096   | 37.171  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200  | 196773   | 38.483  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.269 | 188  | 1535841  | 39.867  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.563 | 212  | 1688800  | 37.437  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.527 | 264  | 1528453  | 39.753  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
| 29) 2,4-Dichlorophenol        | 10.287 | 162  | 15933    | 1.610   | ng/u1  | 93       |
| 50) Acenaphthylene            | 14.145 | 152  | 125577   | 3.051   | ng/u1# | 94       |
| 52) Acenaphthene              | 14.498 | 153  | 4039118  | 150.228 | ng/u1  | 98       |
| 61) Fluorene                  | 15.475 | 166  | 1712192  | 58.089  | ng/u1  | 97       |
| 74) Anthracene                | 17.298 | 178  | 220927   | 4.716   | ng/u1  | 100      |
| 80) Fluoranthene              | 19.227 | 202  | 864002   | 15.858  | ng/u1  | 95       |
| 82) Pyrene                    | 19.592 | 202  | 342114   | 6.121   | ng/u1  | 95       |

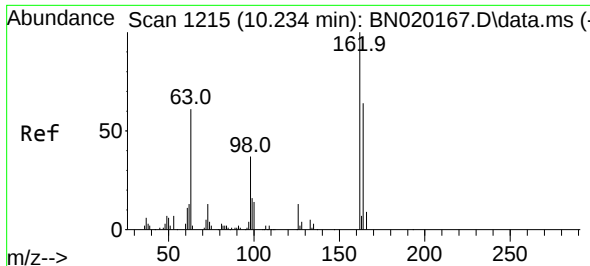
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

2,4-Dichlorophenol

Concen: 1.610 ng/ul

RT: 10.287 min Scan# 1215

Delta R.T. 0.053 min

Lab File: BN020174.D

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BNA\_N

ClientSampleId :

C0AA0

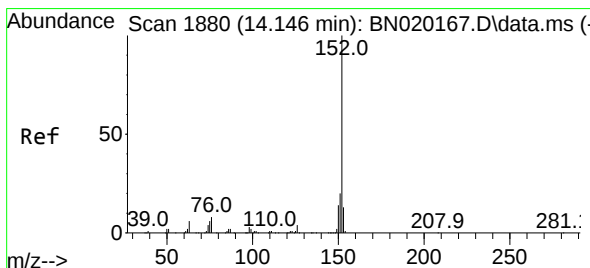
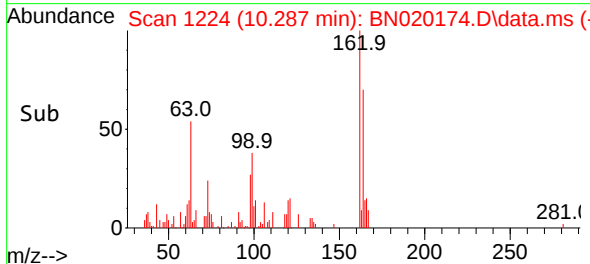
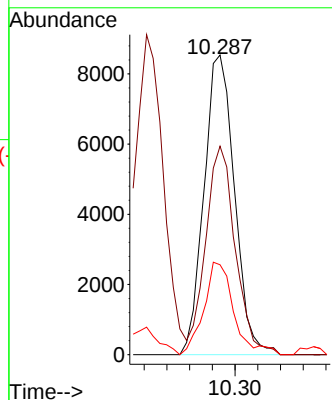
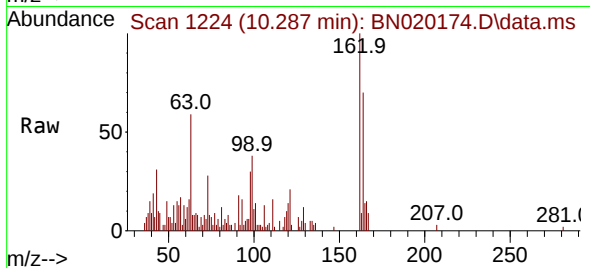
Tgt Ion:162 Resp: 15933

Ion Ratio Lower Upper

162 100

164 69.5 52.9 79.3

98 30.0 29.8 44.8



#50

Acenaphthylene

Concen: 3.051 ng/ul

RT: 14.145 min Scan# 1880

Delta R.T. -0.000 min

Lab File: BN020174.D

Acq: 15 Jun 2022 14:40

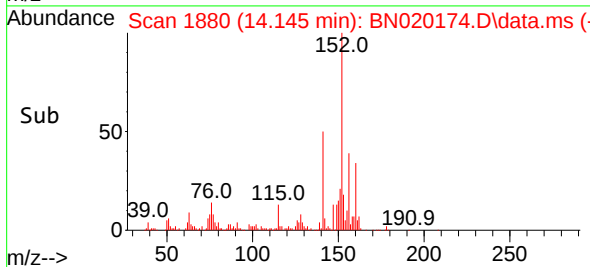
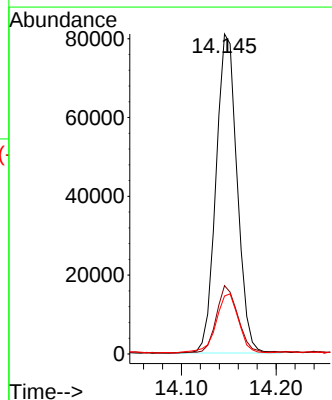
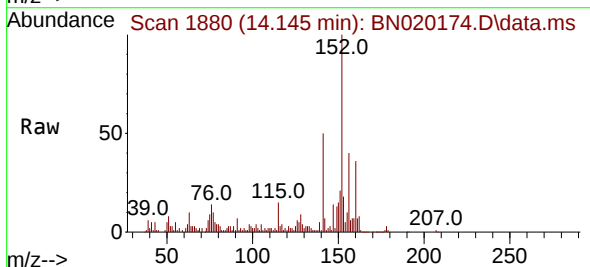
Tgt Ion:152 Resp: 125577

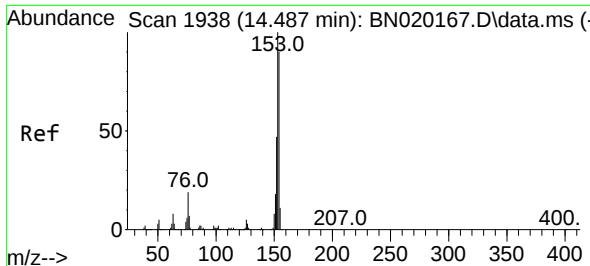
Ion Ratio Lower Upper

152 100

151 21.4 16.0 24.0

153 18.1 10.7 16.1#

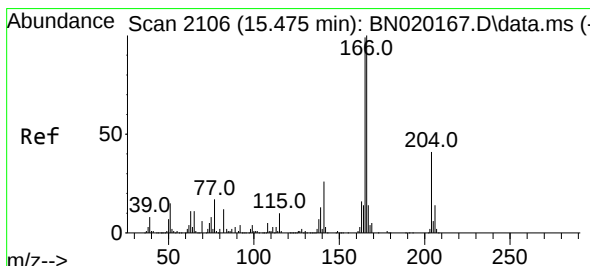
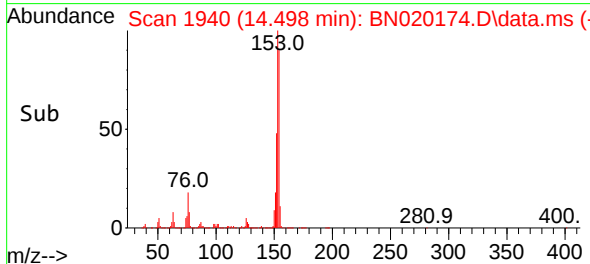
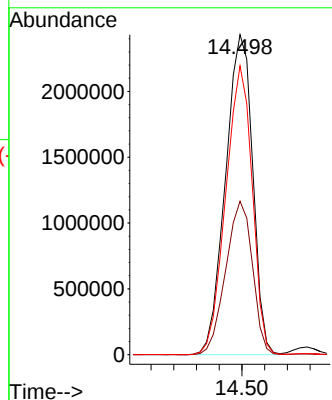
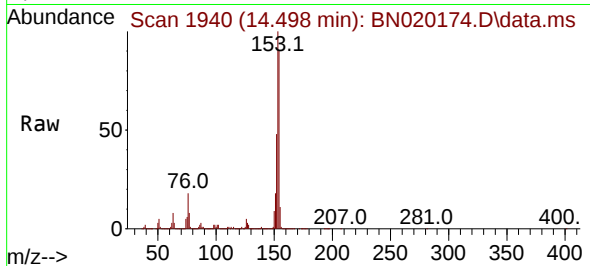




#52  
Acenaphthene  
Concen: 150.228 ng/ul  
RT: 14.498 min Scan# 1938  
Delta R.T. 0.012 min  
Lab File: BN020174.D  
Acq: 15 Jun 2022 14:40

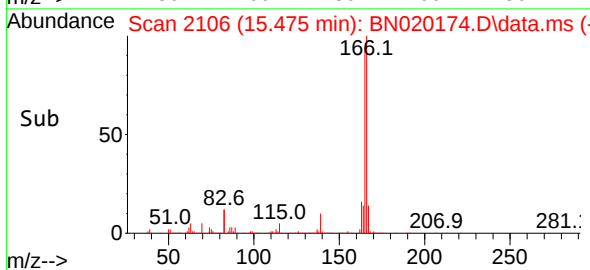
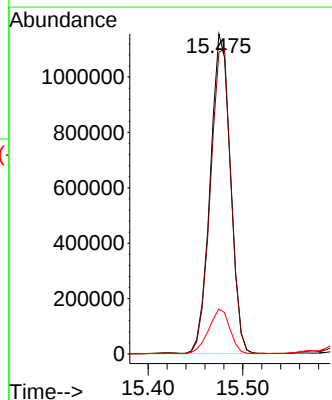
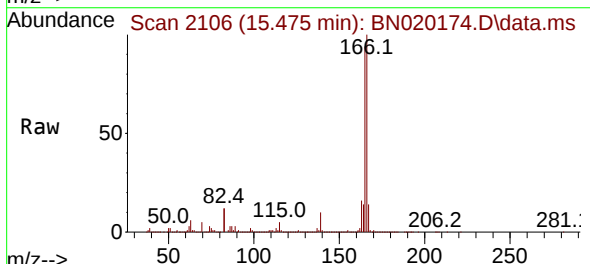
Instrument :  
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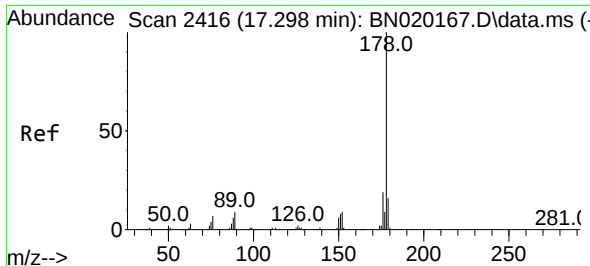
Tgt Ion:153 Resp: 4039118  
Ion Ratio Lower Upper  
153 100  
152 47.9 38.4 57.6  
154 90.3 69.7 104.5



#61  
Fluorene  
Concen: 58.089 ng/ul  
RT: 15.475 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: BN020174.D  
Acq: 15 Jun 2022 14:40

Tgt Ion:166 Resp: 1712192  
Ion Ratio Lower Upper  
166 100  
165 94.2 77.7 116.5  
167 14.0 11.1 16.7

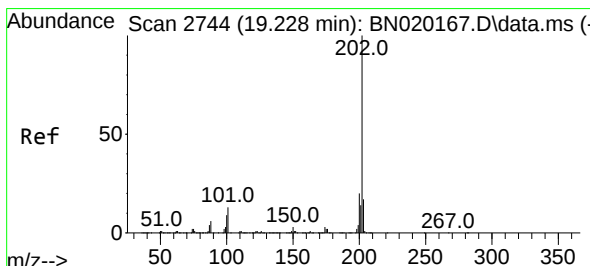
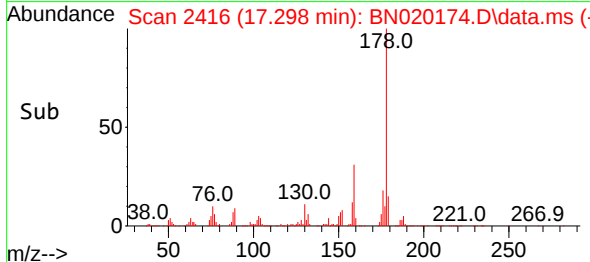
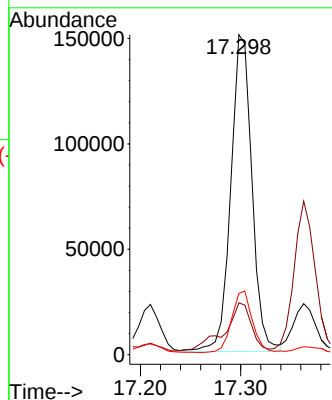
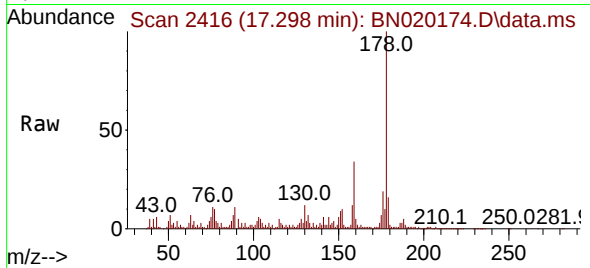




#74  
 Anthracene  
 Concen: 4.716 ng/ul  
 RT: 17.298 min Scan# 2416  
 Delta R.T. -0.000 min  
 Lab File: BN020174.D  
 Acq: 15 Jun 2022 14:40

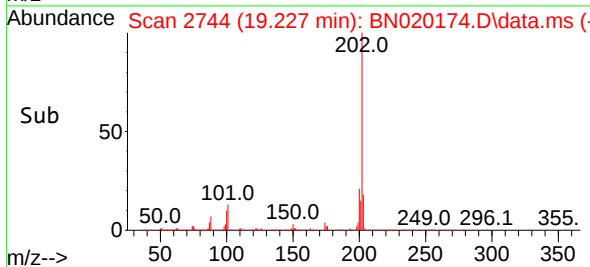
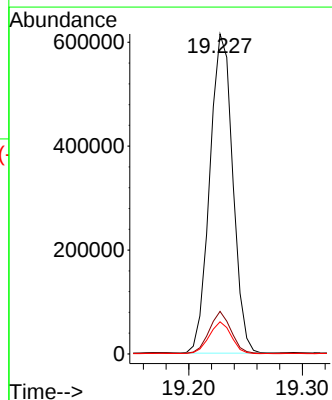
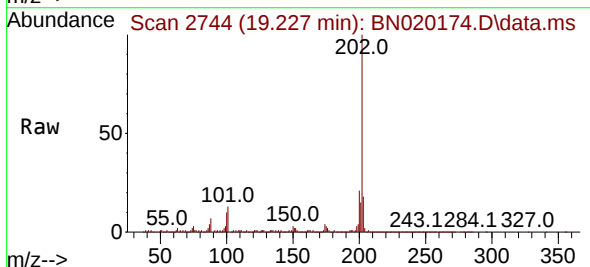
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 C0AA0

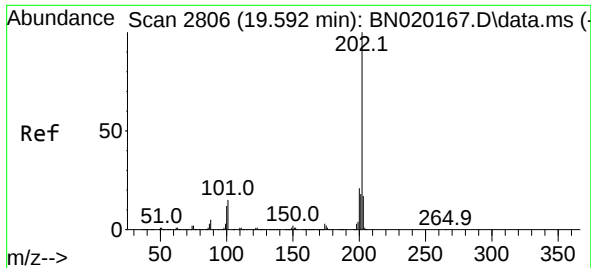
Tgt Ion:178 Resp: 220927  
 Ion Ratio Lower Upper  
 178 100  
 179 16.2 13.0 19.4  
 176 19.2 15.5 23.3



#80  
 Fluoranthene  
 Concen: 15.858 ng/ul  
 RT: 19.227 min Scan# 2744  
 Delta R.T. -0.000 min  
 Lab File: BN020174.D  
 Acq: 15 Jun 2022 14:40

Tgt Ion:202 Resp: 864002  
 Ion Ratio Lower Upper  
 202 100  
 101 13.3 8.9 13.3  
 100 10.0 6.7 10.1





#82

Pyrene

Concen: 6.121 ng/ul

RT: 19.592 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BN020174.D

Acq: 15 Jun 2022 14:40

Instrument :

BNA\_N

ClientSampleId :

C0AA0

Tgt Ion:202 Resp: 342114

Ion Ratio Lower Upper

202 100

101 14.1 9.7 14.5

100 11.7 8.0 12.0

