

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062024\  
 Data File : BN032112.D  
 Acq On : 21 Jun 2024 01:14  
 Operator : MA/JU  
 Sample : P2710-07  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jun 21 02:16:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 20 10:49:40 2024  
 Response via : Initial Calibration

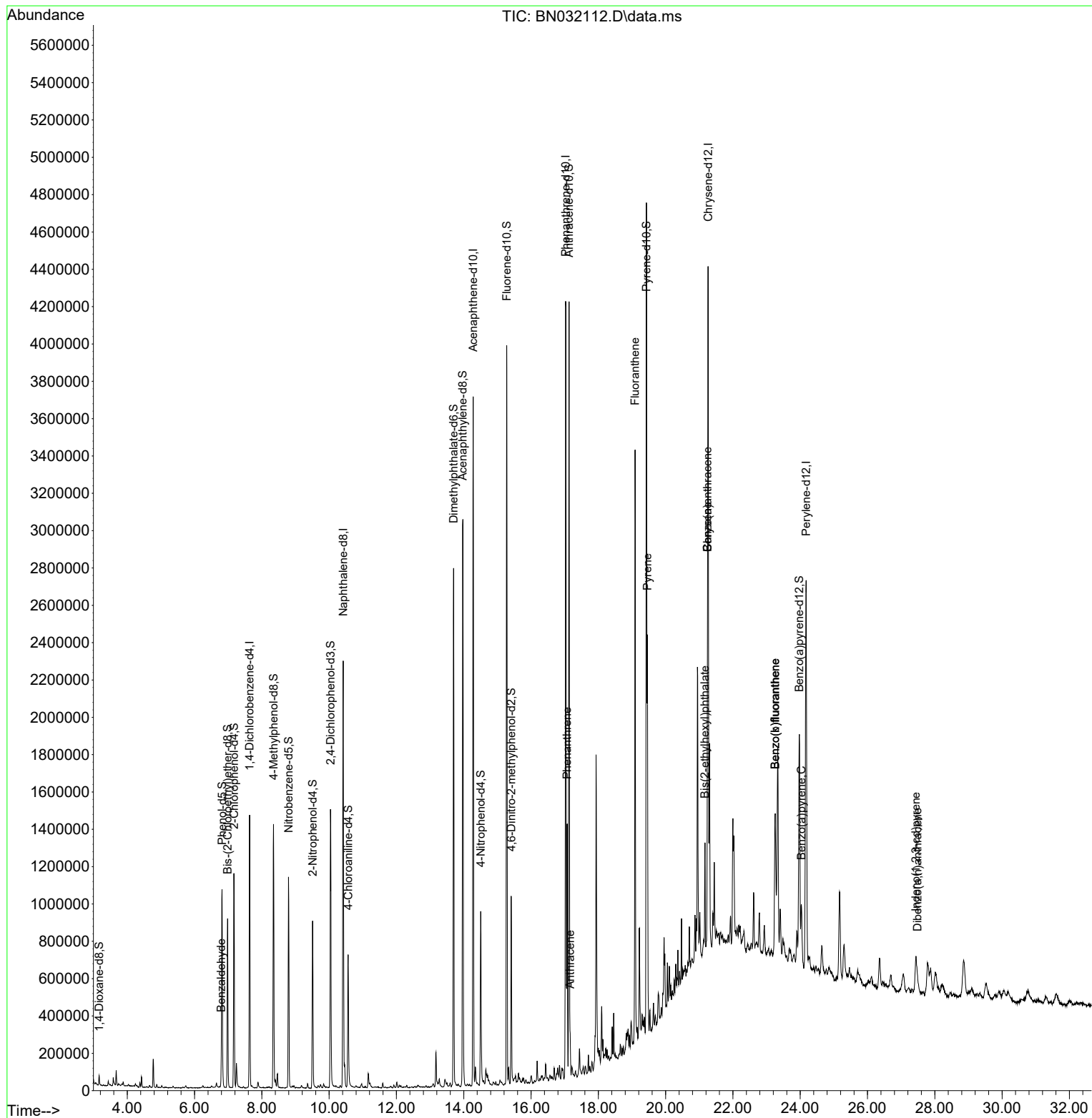
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.634  | 152  | 420581   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.416 | 136  | 1939917  | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.281 | 164  | 1299070  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.028 | 188  | 2645780  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.263 | 240  | 1749167  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.174 | 264  | 1711853  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.164  | 96   | 27402    | 2.695  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.581  | 84   | 23244    | 0.812  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 6.816  | 99   | 664878   | 18.440 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.981  | 67   | 367276   | 17.415 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.169  | 132  | 579139   | 21.051 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.346  | 113  | 571270   | 19.437 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.793  | 128  | 305940   | 20.626 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.510  | 143  | 331211   | 21.617 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.040 | 165  | 600792   | 21.004 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.563 | 131  | 448631   | 10.563 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.698 | 166  | 1928358  | 21.308 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.969 | 160  | 2146297  | 20.625 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.504 | 143  | 265031   | 14.626 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.275 | 176  | 1630935  | 21.299 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.410 | 200  | 224223   | 16.860 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.128 | 188  | 2338273  | 20.643 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.428 | 212  | 2247353  | 24.010 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.969 | 264  | 1179792  | 14.433 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 6) Benzaldehyde               | 6.793  | 77   | 21185    | 1.253  | ng/ul  | 94       |
| 72) Phenanthrene              | 17.075 | 178  | 829797   | 6.157  | ng/ul  | 98       |
| 74) Anthracene                | 17.163 | 178  | 140098   | 1.026  | ng/ul  | 96       |
| 80) Fluoranthene              | 19.092 | 202  | 1778599  | 15.900 | ng/ul  | 98       |
| 82) Pyrene                    | 19.457 | 202  | 1235596  | 10.766 | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 21.245 | 228  | 648660   | 5.540  | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.169 | 149  | 249245   | 3.154  | ng/ul  | 100      |
| 87) Chrysene                  | 21.245 | 228  | 644458   | 5.893  | ng/ul  | 96       |
| 90) Benzo(b)fluoranthene      | 23.257 | 252  | 915808   | 8.950  | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.257 | 252  | 915808   | 9.121  | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.033 | 252  | 296674   | 3.096  | ng/ul  | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.439 | 276  | 275093   | 2.491  | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 27.486 | 278  | 94827    | 1.052  | ng/ul# | 87       |
| -----                         |        |      |          |        |        |          |

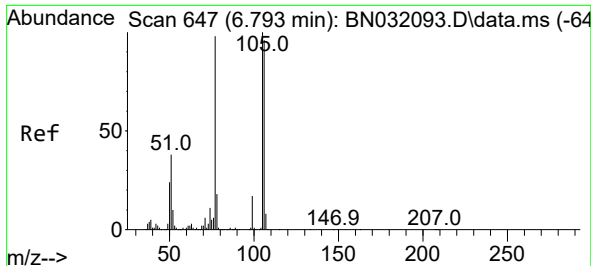
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062024\  
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Misc :  
ALS Vial : 20 Sample Multiplier: 1

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BNA\_N  
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Quant Time: Jun 21 02:16:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 20 10:49:40 2024  
Response via : Initial Calibration

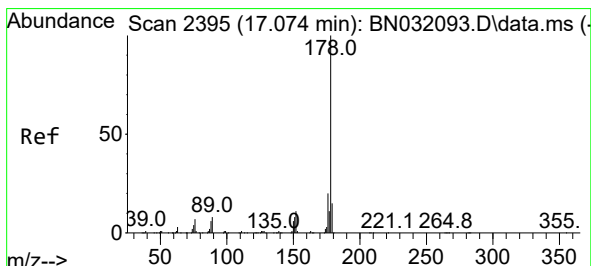
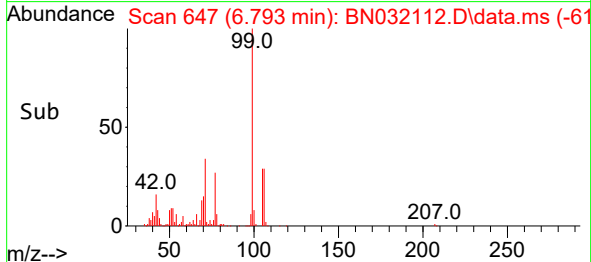
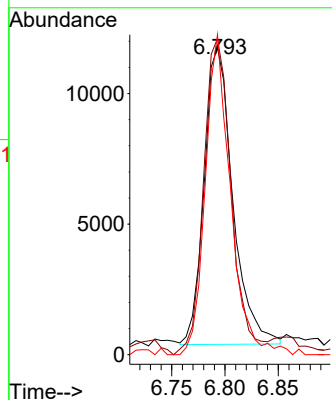
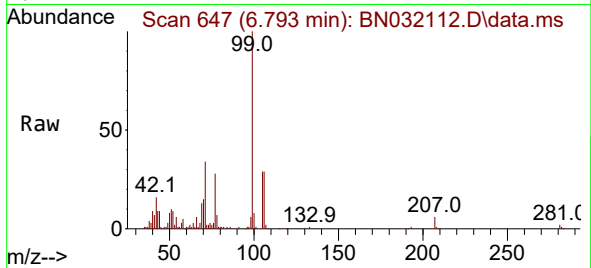




#6  
Benzaldehyde  
Concen: 1.253 ng/ul  
RT: 6.793 min Scan# 647  
Delta R.T. 0.000 min  
Lab File: BN032112.D  
Acq: 21 Jun 2024 01:14

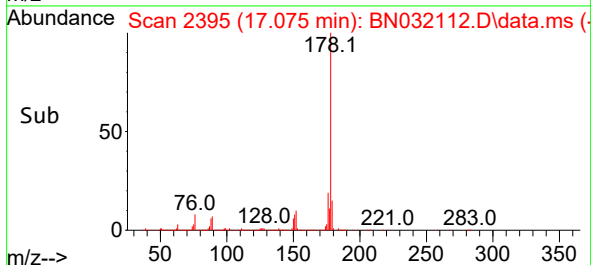
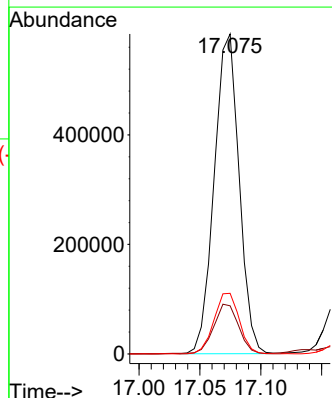
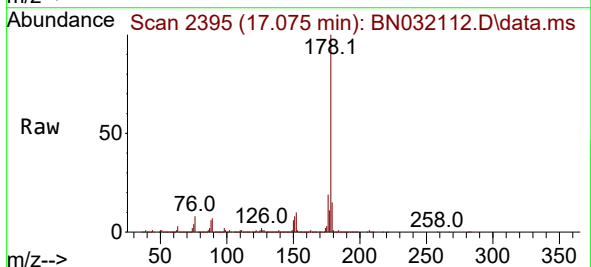
Instrument :  
BNA\_N  
ClientSampleId :

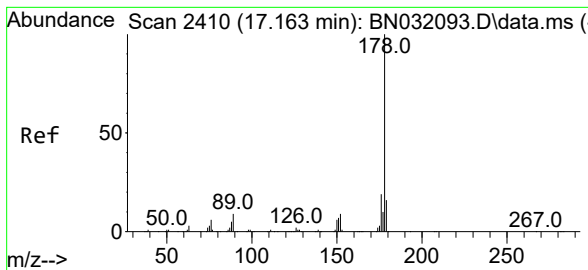
Tgt Ion: 77 Resp: 21185  
Ion Ratio Lower Upper  
77 100  
105 103.1 80.2 120.4  
106 104.3 76.8 115.2



#72  
Phenanthrene  
Concen: 6.157 ng/ul  
RT: 17.075 min Scan# 2395  
Delta R.T. 0.000 min  
Lab File: BN032112.D  
Acq: 21 Jun 2024 01:14

Tgt Ion: 178 Resp: 829797  
Ion Ratio Lower Upper  
178 100  
179 15.0 12.6 19.0  
176 19.0 15.8 23.6





#74

Anthracene

Concen: 1.026 ng/ul

RT: 17.163 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

Instrument :

BNA\_N

ClientSampleId :

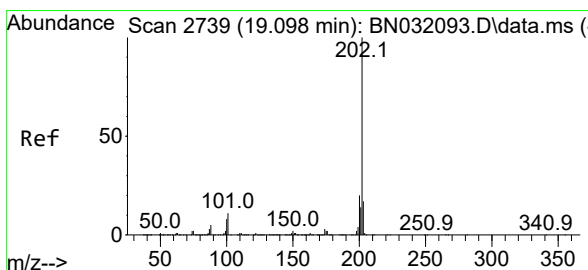
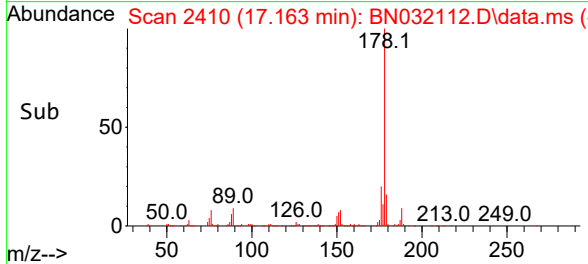
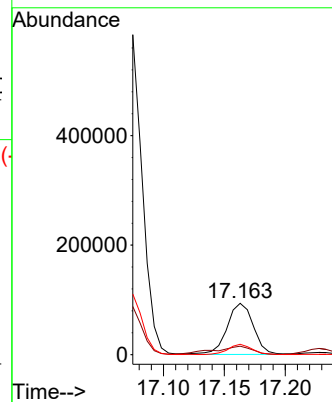
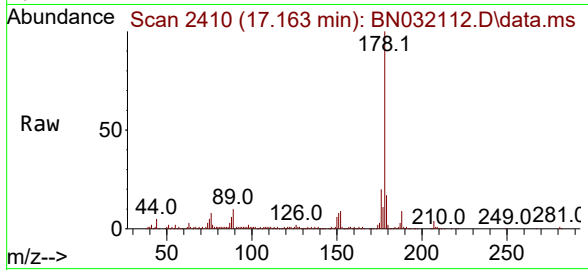
Tgt Ion:178 Resp: 140098

Ion Ratio Lower Upper

178 100

179 16.6 11.8 17.6

176 20.3 14.8 22.2



#80

Fluoranthene

Concen: 15.900 ng/ul

RT: 19.092 min Scan# 2738

Delta R.T. -0.006 min

Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

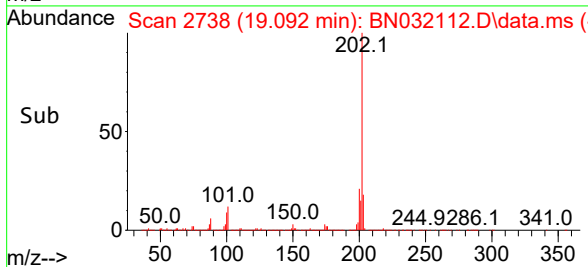
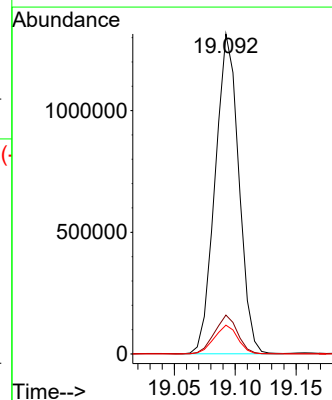
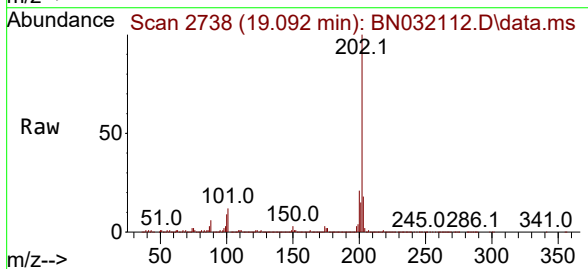
Tgt Ion:202 Resp: 1778599

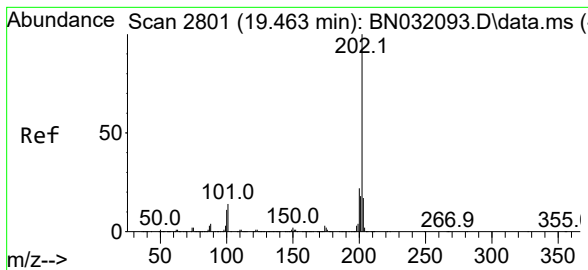
Ion Ratio Lower Upper

202 100

101 12.2 10.3 15.5

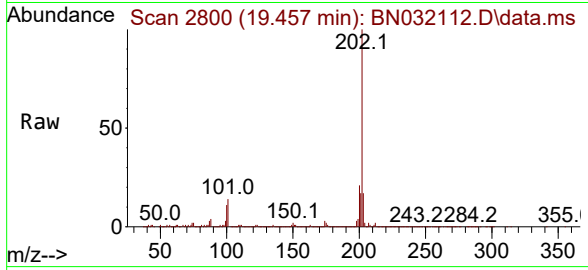
100 9.0 8.0 12.0





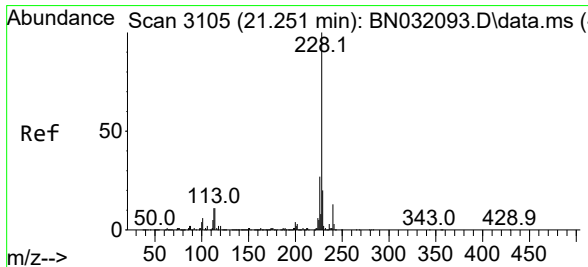
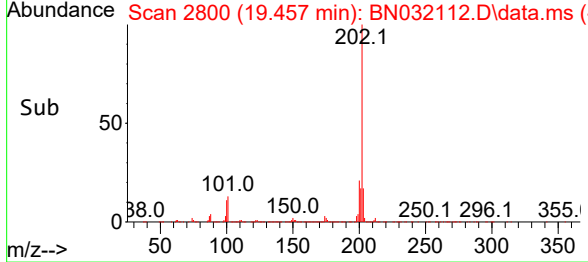
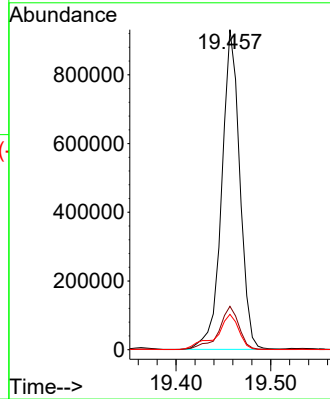
#82  
 Pyrene  
 Concen: 10.766 ng/ul  
 RT: 19.457 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BN032112.D  
 Acq: 21 Jun 2024 01:14

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:202 Resp: 1235596

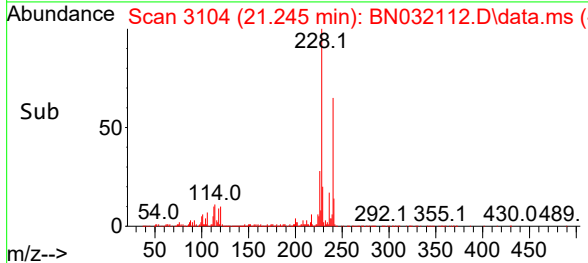
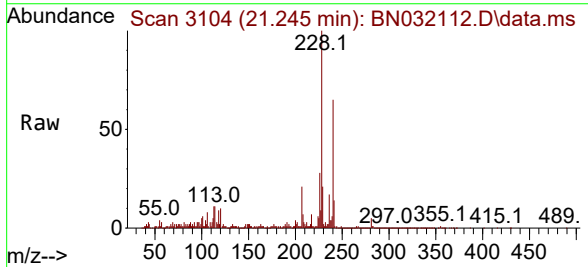
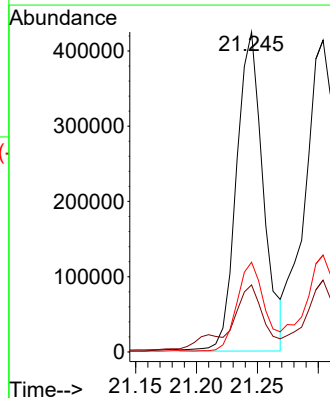
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 13.5  | 12.6  | 18.8  |
| 100 | 11.1  | 10.2  | 15.2  |

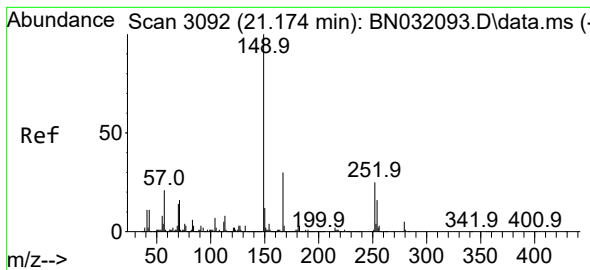


#85  
 Benzo(a)anthracene  
 Concen: 5.540 ng/ul  
 RT: 21.245 min Scan# 3104  
 Delta R.T. -0.006 min  
 Lab File: BN032112.D  
 Acq: 21 Jun 2024 01:14

Tgt Ion:228 Resp: 648660

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 20.9  | 16.7  | 25.1  |
| 226 | 28.0  | 22.8  | 34.2  |

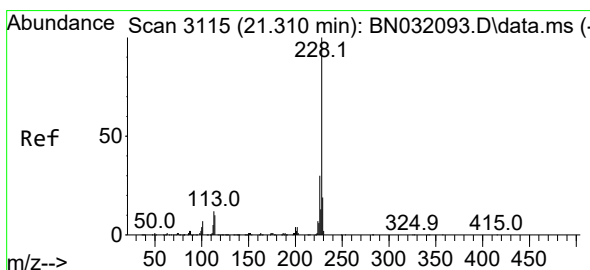
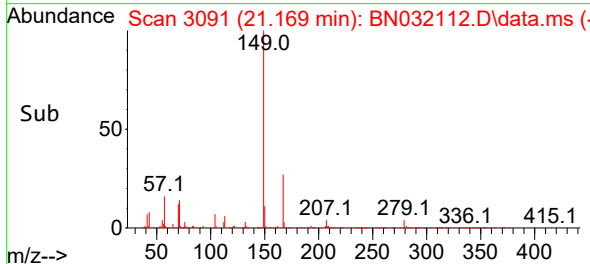
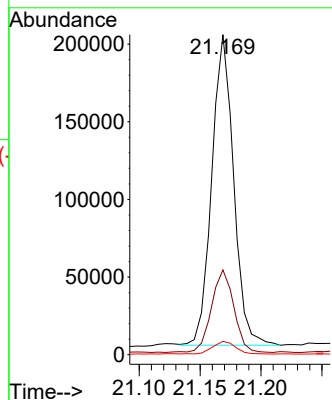
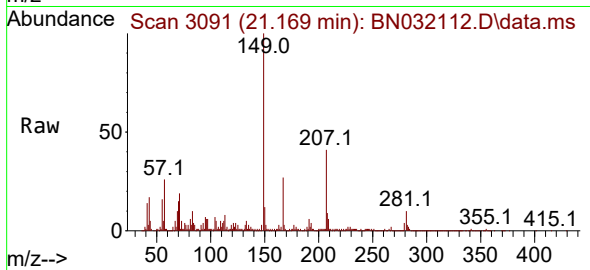




#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.154 ng/ul  
 RT: 21.169 min Scan# 3091  
 Delta R.T. -0.006 min  
 Lab File: BN032112.D  
 Acq: 21 Jun 2024 01:14

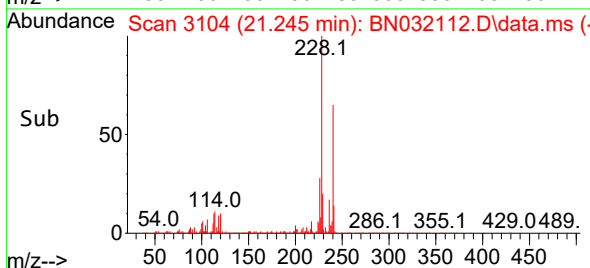
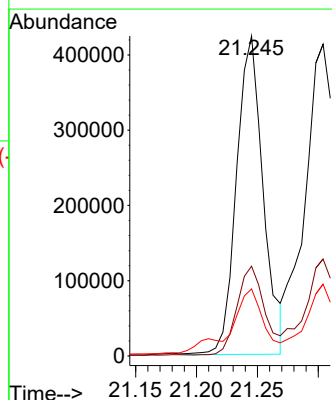
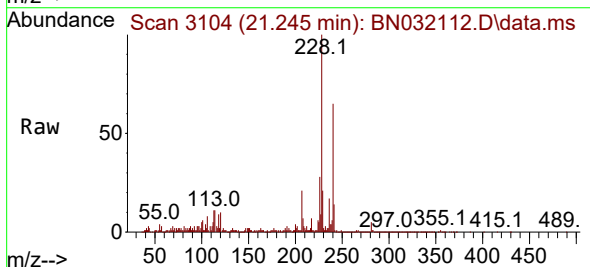
Instrument :  
 BNA\_N  
 ClientSampleId :

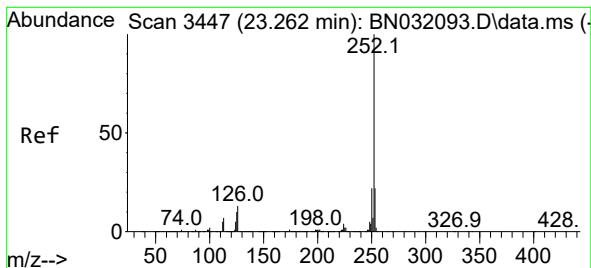
Tgt Ion:149 Resp: 249245  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 21.4 32.0  
 279 4.2 3.3 4.9



#87  
 Chrysene  
 Concen: 5.893 ng/ul  
 RT: 21.245 min Scan# 3104  
 Delta R.T. -0.064 min  
 Lab File: BN032112.D  
 Acq: 21 Jun 2024 01:14

Tgt Ion:228 Resp: 644458  
 Ion Ratio Lower Upper  
 228 100  
 226 28.0 23.7 35.5  
 229 20.9 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 8.950 ng/ul

RT: 23.257 min Scan# 3446

Delta R.T. -0.006 min

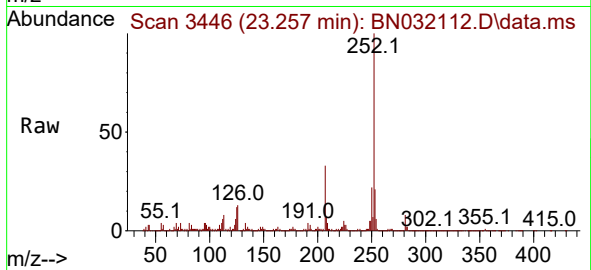
Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

Instrument :

BNA\_N

ClientSampleId :



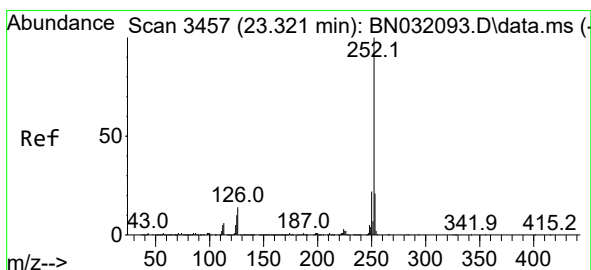
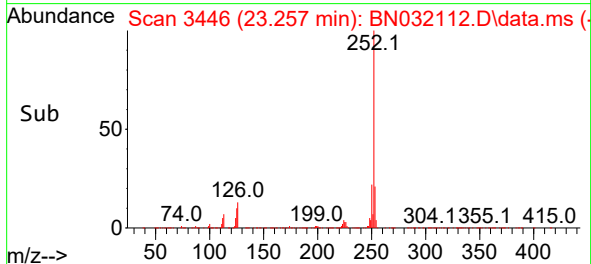
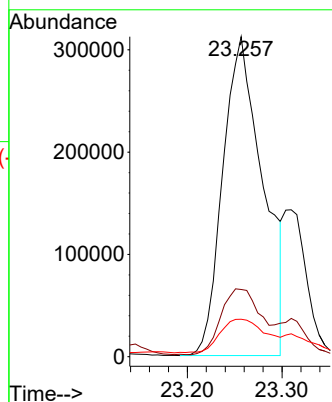
Tgt Ion:252 Resp: 915808

Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.6

125 11.7 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 9.121 ng/ul

RT: 23.257 min Scan# 3446

Delta R.T. -0.064 min

Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

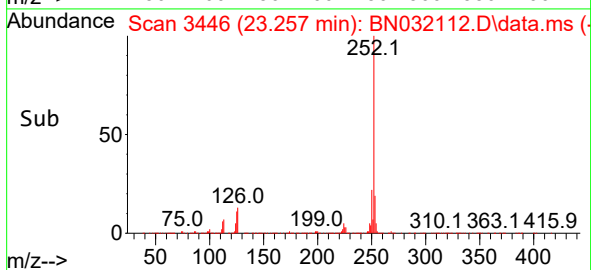
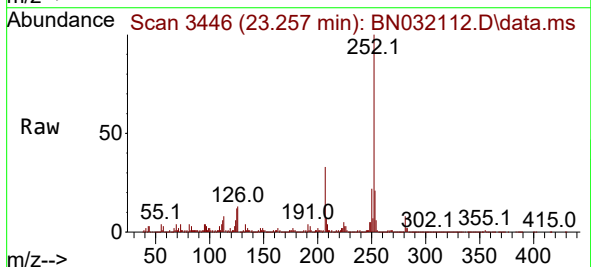
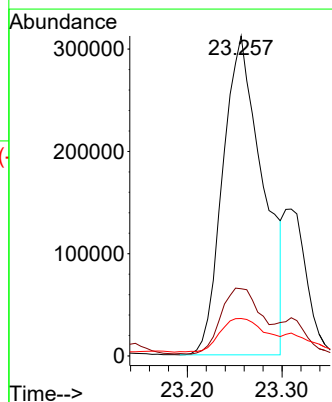
Tgt Ion:252 Resp: 915808

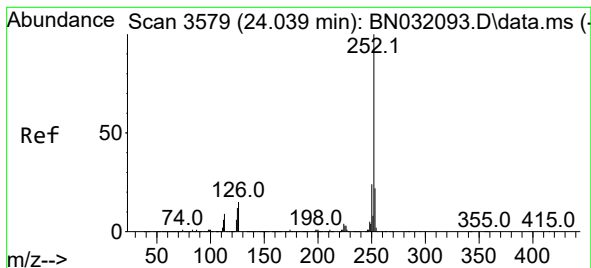
Ion Ratio Lower Upper

252 100

253 21.0 17.6 26.4

125 11.7 9.4 14.2





#93

Benzo(a)pyrene

Concen: 3.096 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. -0.006 min

Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

Instrument :

BNA\_N

ClientSampleId :

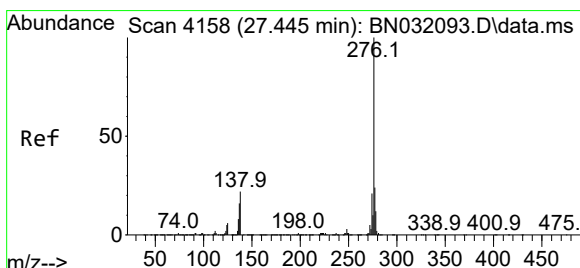
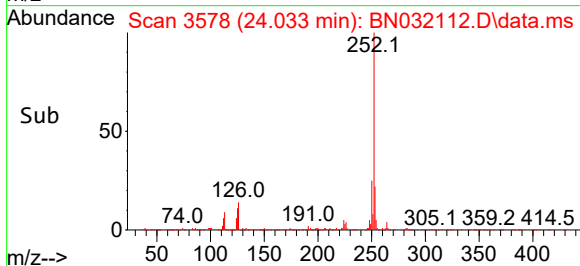
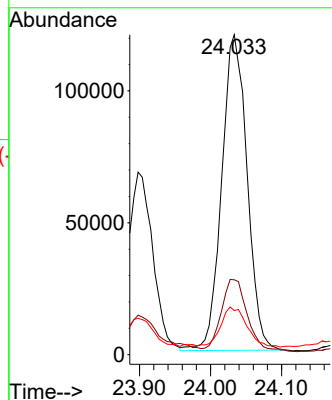
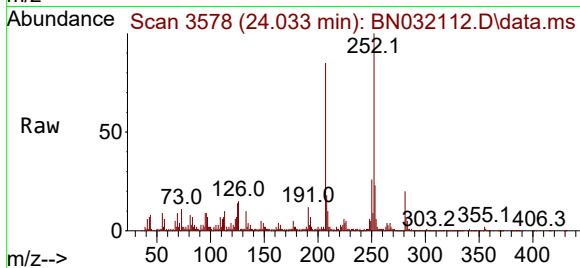
Tgt Ion:252 Resp: 296674

Ion Ratio Lower Upper

252 100

253 23.4 16.6 24.8

125 13.8 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.491 ng/ul

RT: 27.439 min Scan# 4157

Delta R.T. -0.006 min

Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

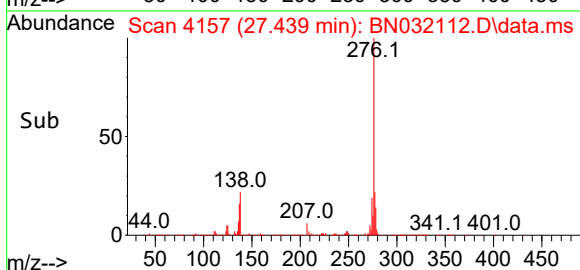
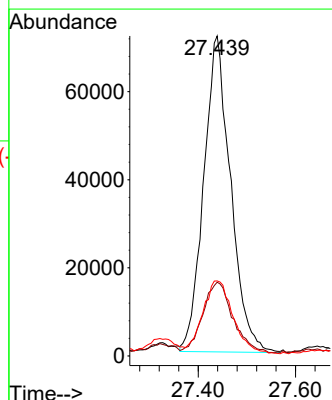
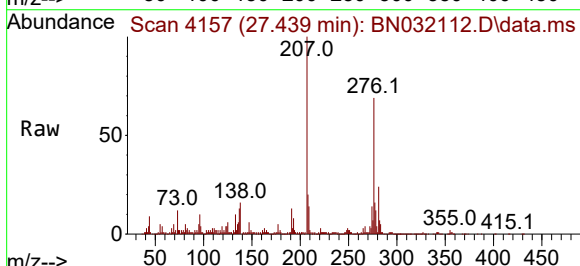
Tgt Ion:276 Resp: 275093

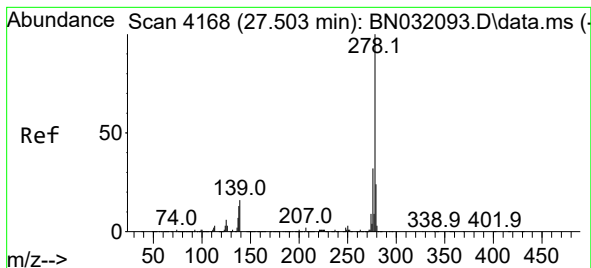
Ion Ratio Lower Upper

276 100

138 23.1 18.1 27.1

277 23.5 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.052 ng/ul

RT: 27.486 min Scan# 41

Delta R.T. -0.017 min

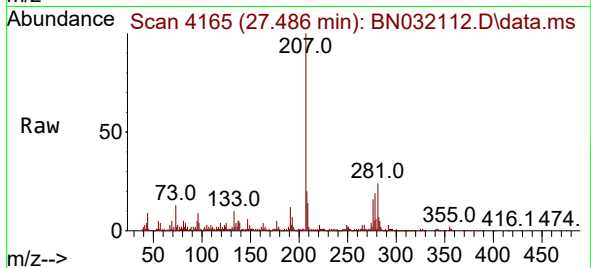
Lab File: BN032112.D

Acq: 21 Jun 2024 01:14

Instrument :

BNA\_N

ClientSampleId :



Tgt Ion:278 Resp: 94827

Ion Ratio Lower Upper

278 100

139 19.0 15.0 22.6

279 33.2 17.4 26.0#

