

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061424\  
 Data File : BN032001.D  
 Acq On : 14 Jun 2024 15:11  
 Operator : MA/JU  
 Sample : P2695-13  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4BL1

Quant Time: Jun 14 23:16:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 11 22:28:10 2024  
 Response via : Initial Calibration

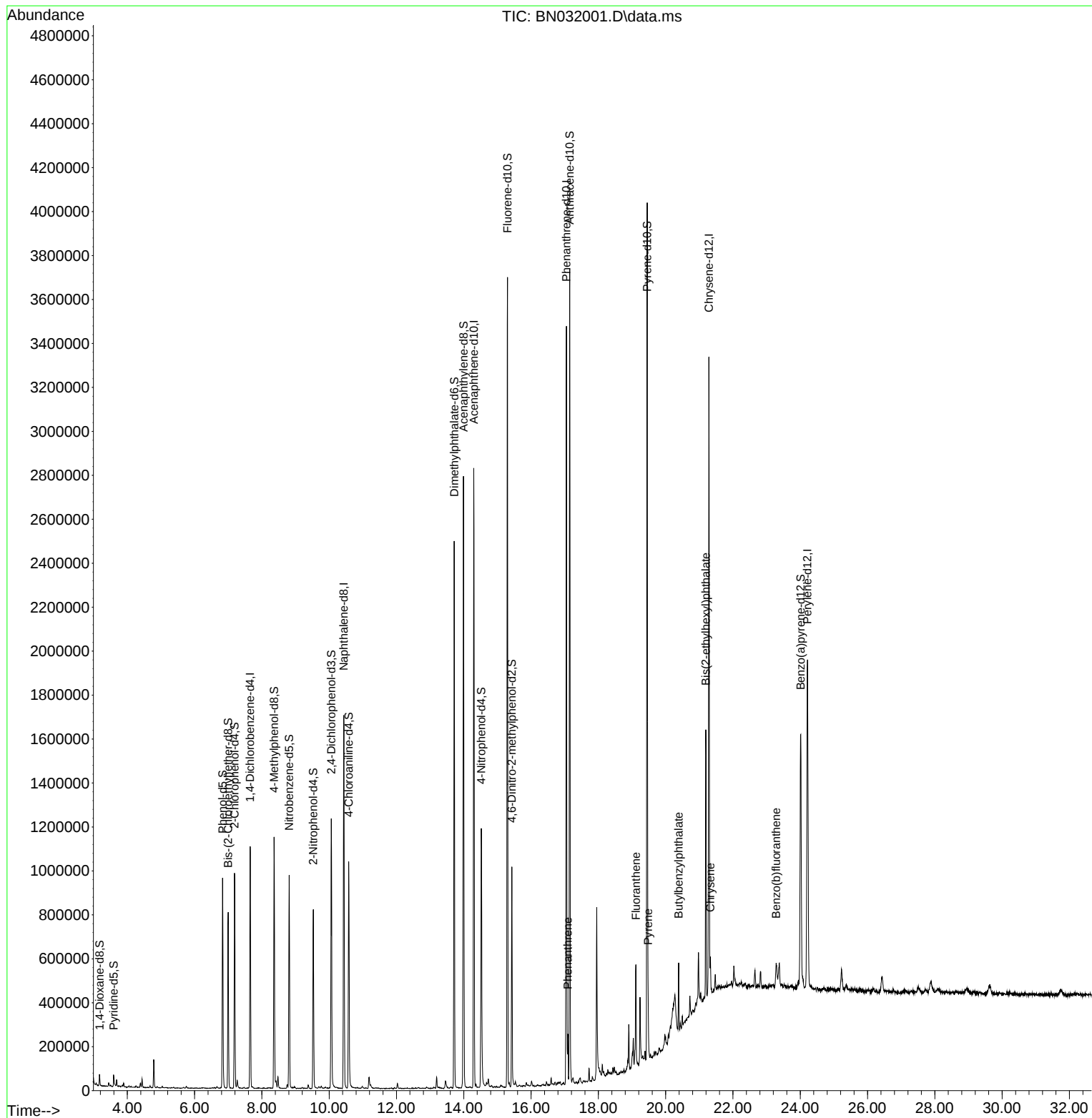
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.652  | 152  | 318821   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.434 | 136  | 1459950  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.298 | 164  | 1003759  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.051 | 188  | 2076201  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.286 | 240  | 1438851  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.210 | 264  | 1308591  | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.175  | 96   | 28305    | 3.673  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.593  | 84   | 26498    | 1.221  | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 6.834  | 99   | 579606   | 21.206 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.999  | 67   | 346751   | 21.689 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.187  | 132  | 483373   | 23.178 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.363  | 113  | 452983   | 20.332 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.810  | 128  | 251555   | 22.535 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.528  | 143  | 277792   | 24.091 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.063 | 165  | 474452   | 22.040 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.581 | 131  | 598734   | 18.732 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.716 | 166  | 1669709  | 23.878 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.992 | 160  | 1870237  | 23.260 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.522 | 143  | 282260   | 20.160 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.298 | 176  | 1417706  | 23.961 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.428 | 200  | 205358   | 19.678 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.151 | 188  | 2148459  | 24.171 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.451 | 212  | 2048993  | 26.612 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.015 | 264  | 1059875  | 16.962 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.092 | 178  | 126112   | 1.192  | ng/u1  | 98       |
| 80) Fluoranthene              | 19.116 | 202  | 256085   | 2.783  | ng/u1  | 98       |
| 82) Pyrene                    | 19.480 | 202  | 173948   | 1.842  | ng/u1  | 98       |
| 83) Butylbenzylphthalate      | 20.386 | 149  | 89490    | 2.007  | ng/u1  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.192 | 149  | 489726   | 7.534  | ng/u1  | 97       |
| 87) Chrysene                  | 21.327 | 228  | 101517   | 1.128  | ng/u1  | 97       |
| 90) Benzo(b)fluoranthene      | 23.286 | 252  | 107798   | 1.378  | ng/u1# | 96       |

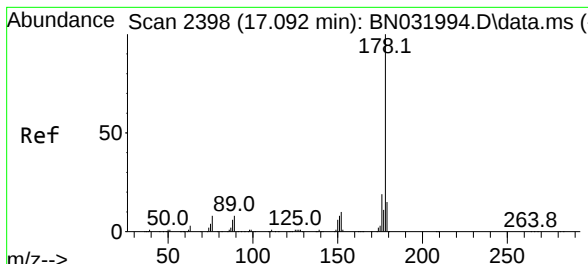
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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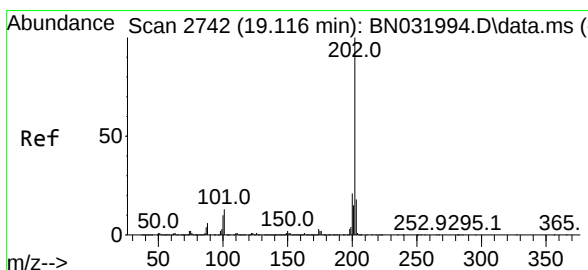
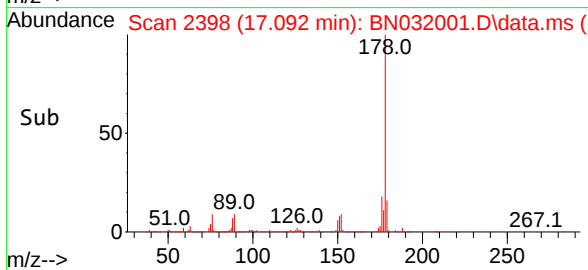
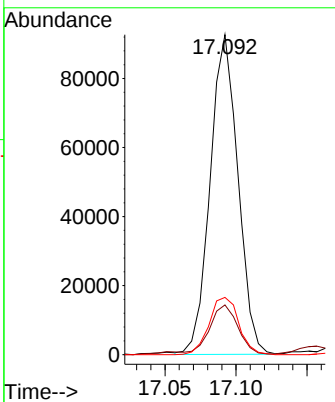
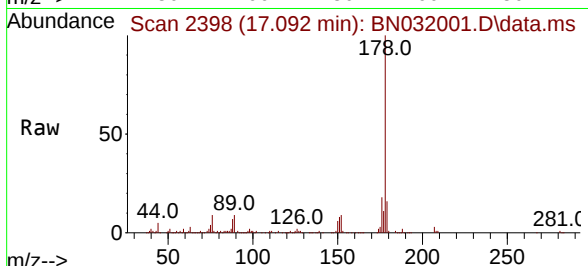




#72  
 Phenanthrene  
 Concen: 1.192 ng/ul  
 RT: 17.092 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BN032001.D  
 Acq: 14 Jun 2024 15:11

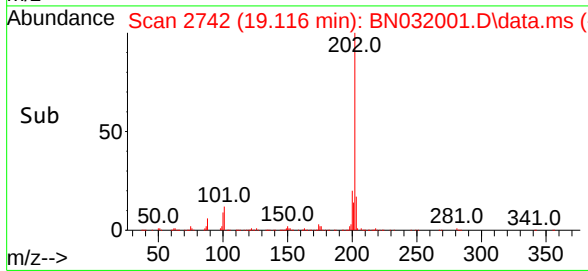
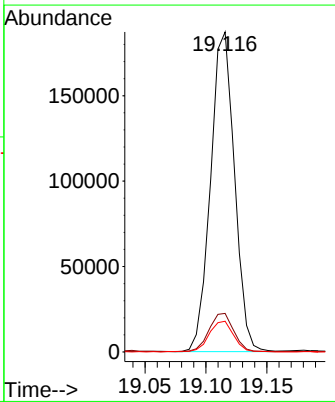
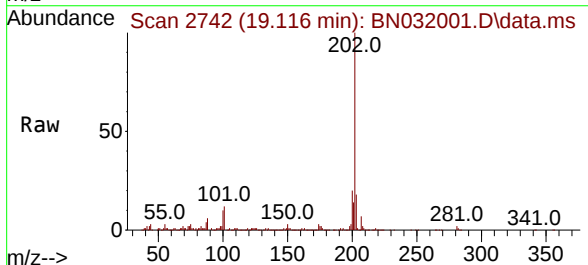
Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4BL1

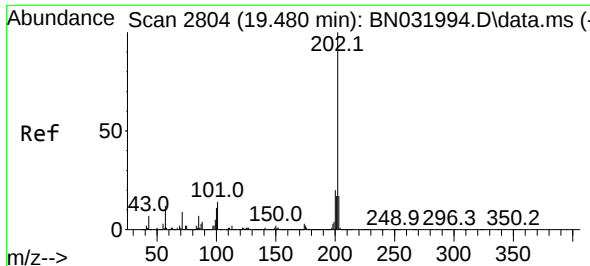
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 126112 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 179       | 15.6  | 12.6  | 19.0   |
| 176       | 17.9  | 15.8  | 23.6   |



#80  
 Fluoranthene  
 Concen: 2.783 ng/ul  
 RT: 19.116 min Scan# 2742  
 Delta R.T. 0.000 min  
 Lab File: BN032001.D  
 Acq: 14 Jun 2024 15:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 256085 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.0  | 10.3  | 15.5   |
| 100       | 9.6   | 8.0   | 12.0   |

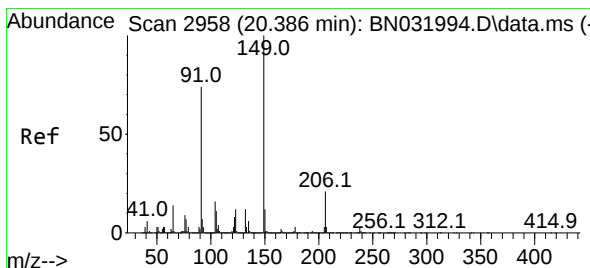
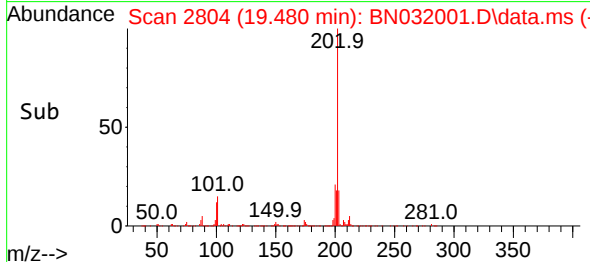
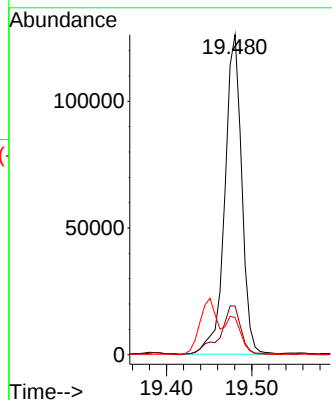
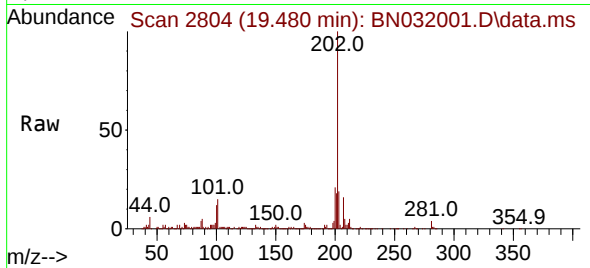




#82  
 Pyrene  
 Concen: 1.842 ng/ul  
 RT: 19.480 min Scan# 2804  
 Delta R.T. -0.006 min  
 Lab File: BN032001.D  
 Acq: 14 Jun 2024 15:11

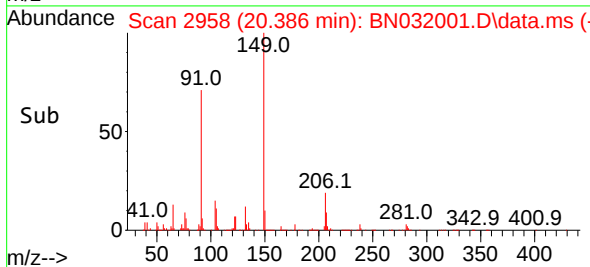
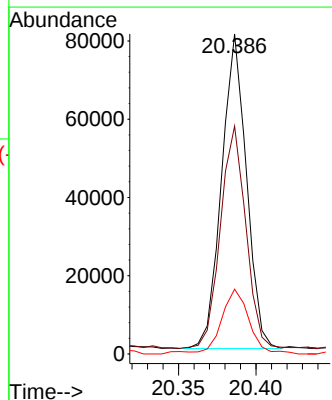
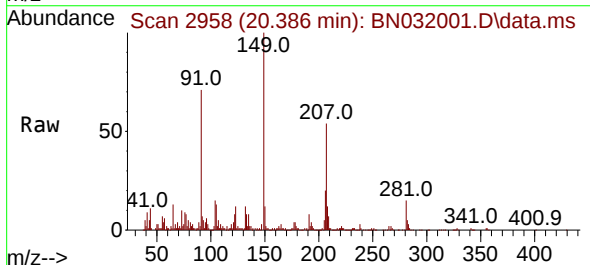
Instrument :  
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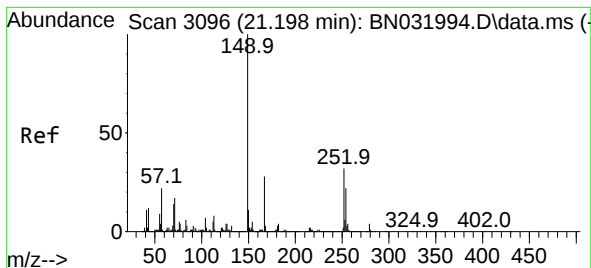
Tgt Ion:202 Resp: 173948  
 Ion Ratio Lower Upper  
 202 100  
 101 15.2 12.6 18.8  
 100 11.6 10.2 15.2



#83  
 Butylbenzylphthalate  
 Concen: 2.007 ng/ul  
 RT: 20.386 min Scan# 2958  
 Delta R.T. -0.006 min  
 Lab File: BN032001.D  
 Acq: 14 Jun 2024 15:11

Tgt Ion:149 Resp: 89490  
 Ion Ratio Lower Upper  
 149 100  
 91 71.2 61.0 91.4  
 206 20.3 16.5 24.7





#86

Bis(2-ethylhexyl)phthalate

Concen: 7.534 ng/ul

RT: 21.192 min Scan# 3096

Delta R.T. -0.012 min

Lab File: BN032001.D

Acq: 14 Jun 2024 15:11

Instrument :

BNA\_N

ClientSampleId :

A4BL1

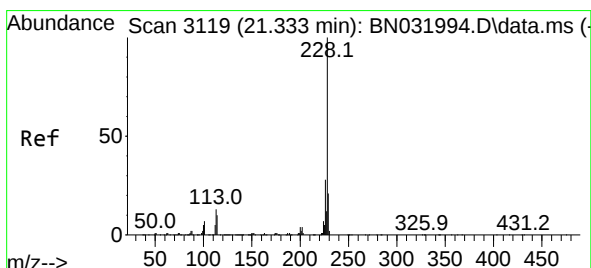
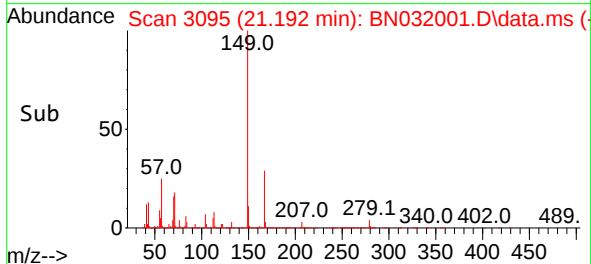
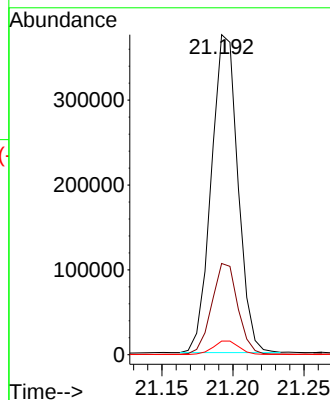
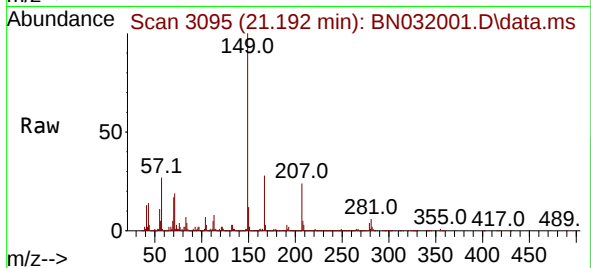
Tgt Ion:149 Resp: 489726

Ion Ratio Lower Upper

149 100

167 28.5 21.4 32.0

279 4.3 3.3 4.9



#87

Chrysene

Concen: 1.128 ng/ul

RT: 21.327 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BN032001.D

Acq: 14 Jun 2024 15:11

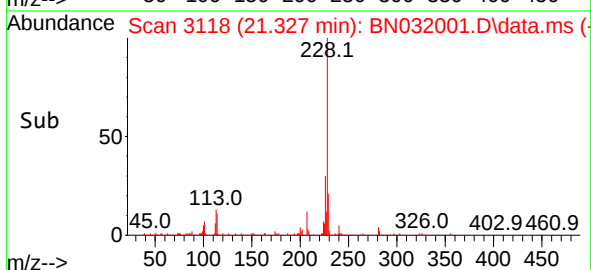
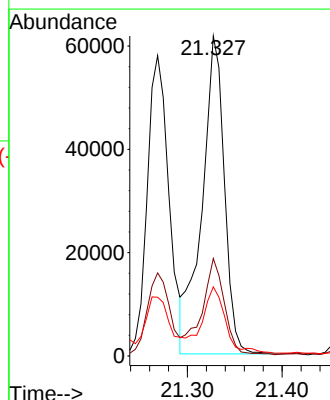
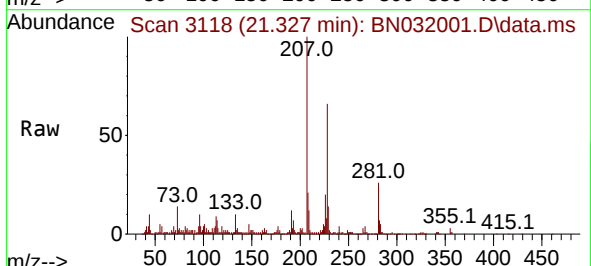
Tgt Ion:228 Resp: 101517

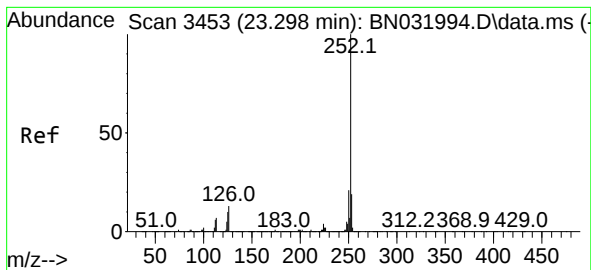
Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 21.6 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 1.378 ng/ul

RT: 23.286 min Scan# 34

Delta R.T. -0.006 min

Lab File: BN032001.D

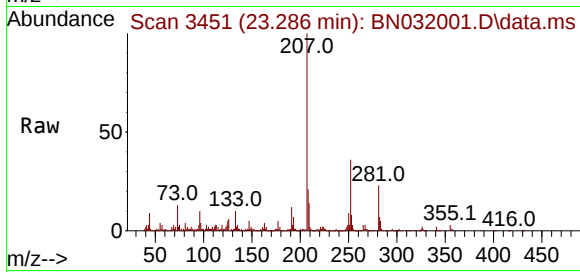
Acq: 14 Jun 2024 15:11

Instrument :

BNA\_N

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Tgt Ion:252 Resp: 107798

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 14.8 9.2 13.8#

