

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122022\  
 Data File : BN023302.D  
 Acq On : 20 Dec 2022 17:19  
 Operator : CG/JU  
 Sample : N6003-24  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBXV3

Quant Time: Dec 21 04:14:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN121522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 21 04:11:00 2022  
 Response via : Initial Calibration

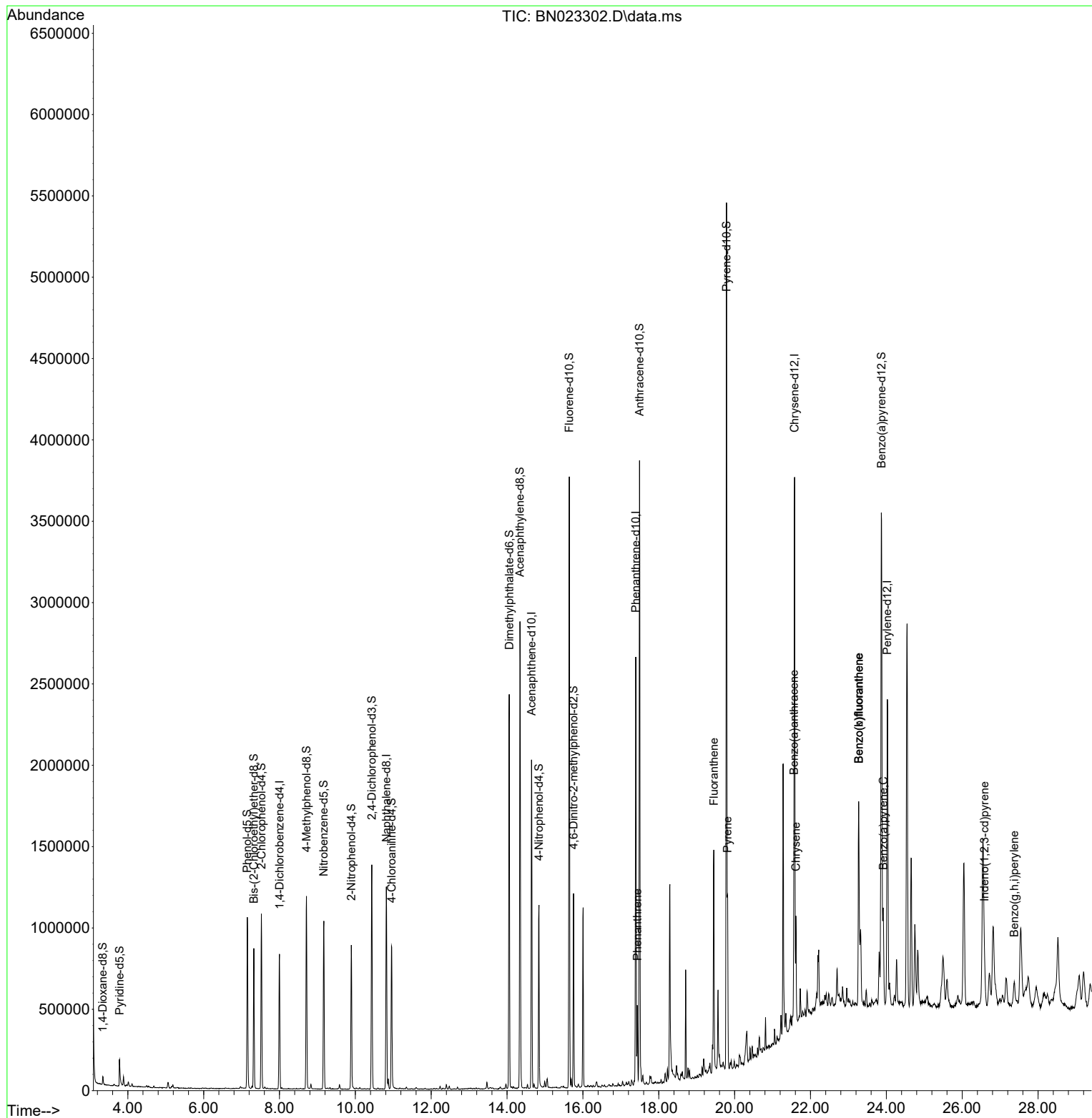
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.999  | 152  | 222518   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.816 | 136  | 1012157  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.645 | 164  | 662831   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.392 | 188  | 1477847  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.580 | 240  | 1411837  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.027 | 264  | 1400647  | 20.000 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.340  | 96   | 26734    | 4.971  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.781  | 84   | 99219    | 6.250  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.152  | 99   | 585573   | 28.295 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.322  | 67   | 358561   | 29.772 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.522  | 132  | 480500   | 30.812 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.710  | 113  | 432374   | 26.021 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.169  | 128  | 252996   | 32.352 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.893  | 143  | 279739   | 33.963 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.434 | 165  | 483121   | 31.071 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.957 | 131  | 492556   | 19.687 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.057 | 166  | 1549243  | 31.189 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.340 | 160  | 1799615  | 32.306 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.840 | 143  | 261353   | 23.558 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.640 | 176  | 1376382  | 32.529 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.751 | 200  | 224602   | 25.818 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.492 | 188  | 2079178  | 31.393 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.786 | 212  | 2645778  | 34.450 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.869 | 264  | 2216892  | 32.291 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        | Qvalue   |
| 72) Phenanthrene              | 17.434 | 178  | 271624   | 3.473  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.451 | 202  | 706349   | 7.908  | ng/ul  | 97       |
| 82) Pyrene                    | 19.816 | 202  | 581187   | 6.194  | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 21.563 | 228  | 368613   | 3.897  | ng/ul  | 98       |
| 87) Chrysene                  | 21.616 | 228  | 349480   | 3.915  | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.274 | 252  | 533690   | 6.041  | ng/ul# | 97       |
| 91) Benzo(k)fluoranthene      | 23.274 | 252  | 533690   | 6.348  | ng/ul  | 97       |
| 93) Benzo(a)pyrene            | 23.921 | 252  | 320011   | 4.215  | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.586 | 276  | 218702   | 2.274  | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 27.374 | 276  | 172424   | 2.266  | ng/ul  | 98       |
| -----                         |        |      |          |        |        |          |

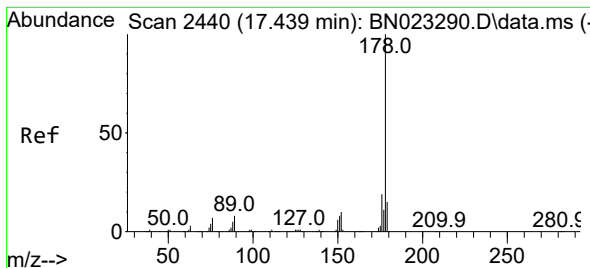
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.473 ng/ul

RT: 17.434 min Scan# 2440

Delta R.T. -0.005 min

Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

Instrument :

BNA\_N

ClientSampleId :

DBXV3

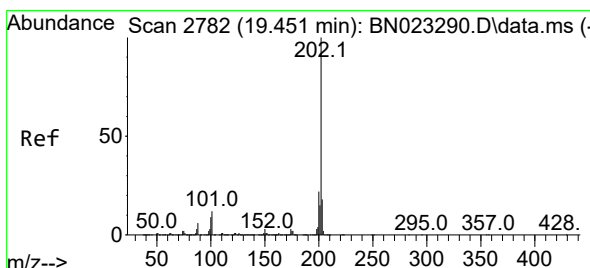
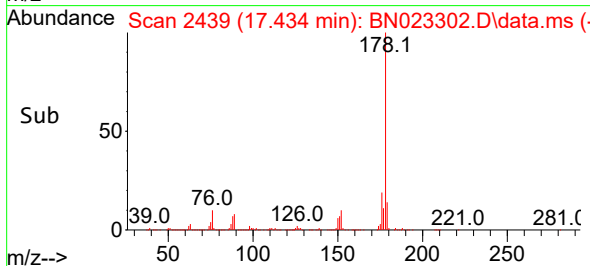
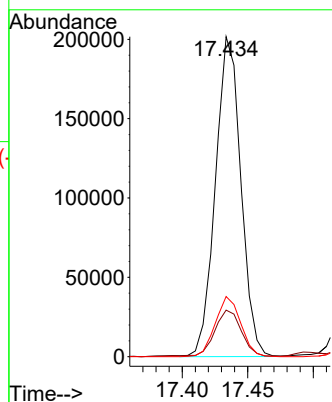
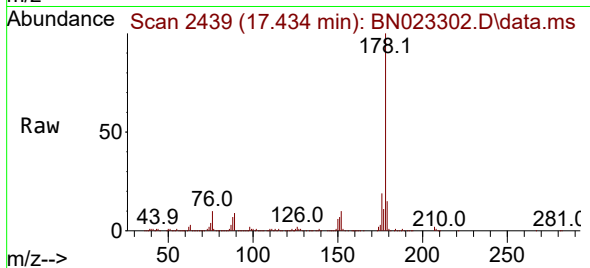
Tgt Ion:178 Resp: 271624

Ion Ratio Lower Upper

178 100

179 14.6 12.3 18.5

176 18.8 15.4 23.0



#80

Fluoranthene

Concen: 7.908 ng/ul

RT: 19.451 min Scan# 2782

Delta R.T. 0.000 min

Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

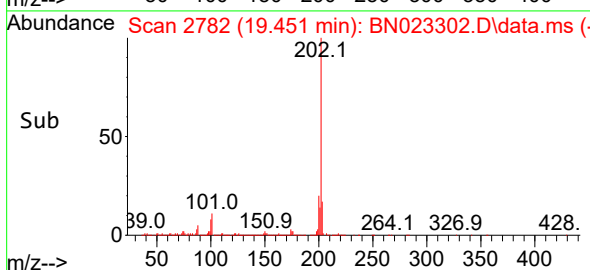
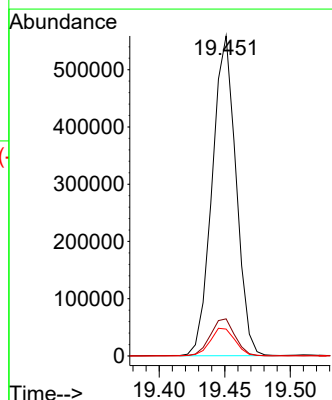
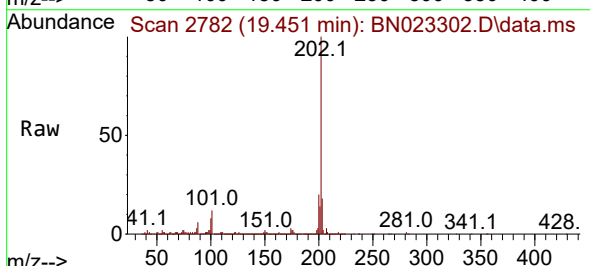
Tgt Ion:202 Resp: 706349

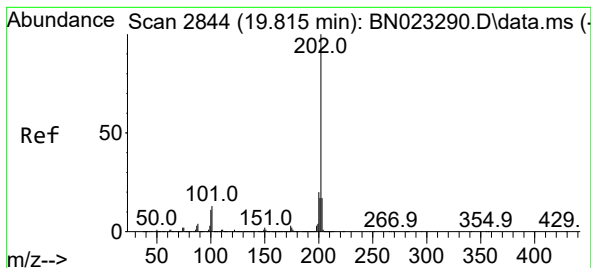
Ion Ratio Lower Upper

202 100

101 11.6 10.4 15.6

100 8.4 7.6 11.4





#82

Pyrene

Concen: 6.194 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

Instrument :

BNA\_N

ClientSampleId :

DBXV3

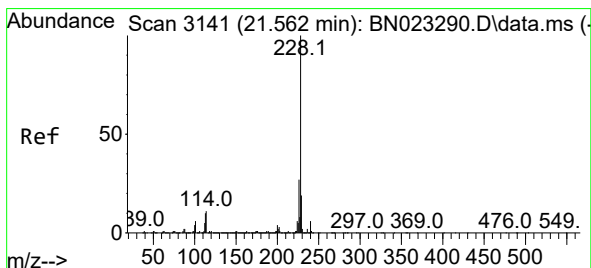
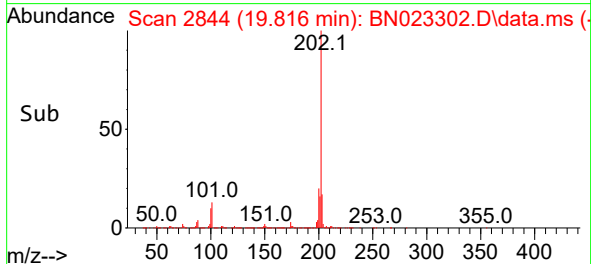
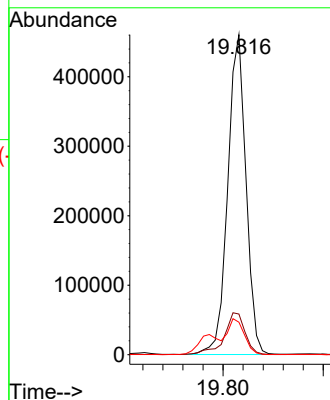
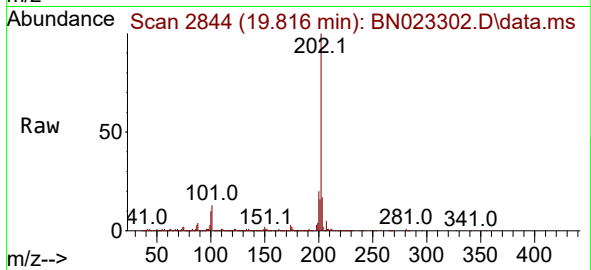
Tgt Ion:202 Resp: 581187

Ion Ratio Lower Upper

202 100

101 12.7 12.0 18.0

100 10.1 9.5 14.3



#85

Benzo(a)anthracene

Concen: 3.897 ng/ul

RT: 21.563 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

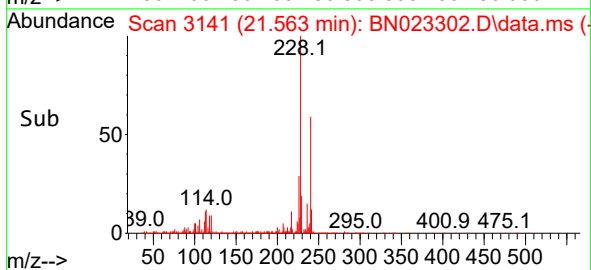
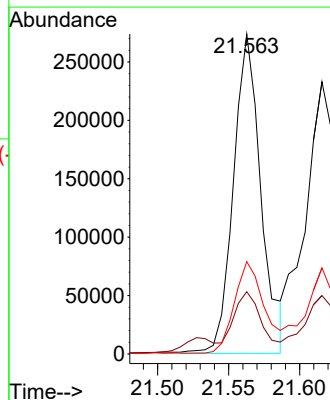
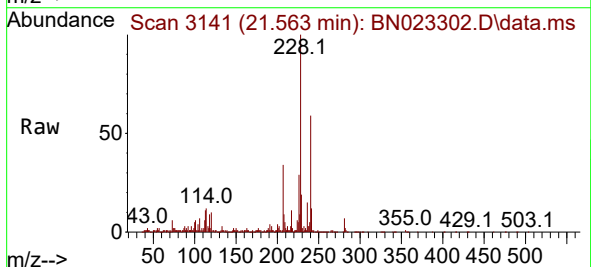
Tgt Ion:228 Resp: 368613

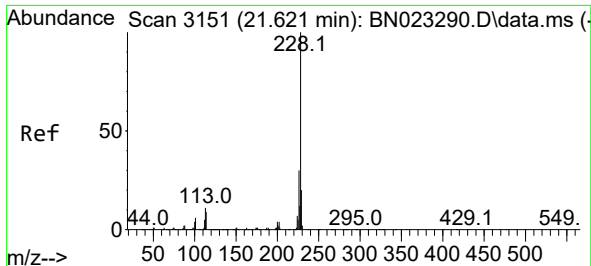
Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

226 28.9 21.4 32.0

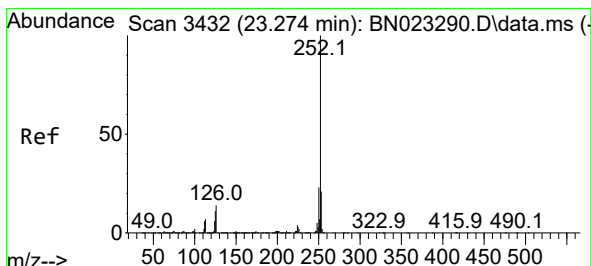
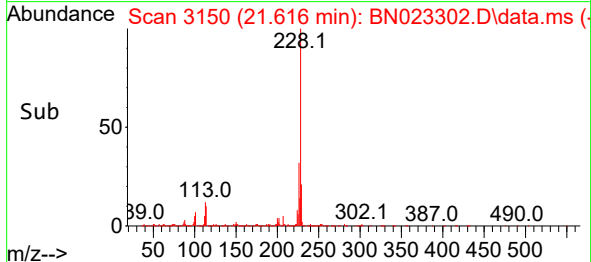
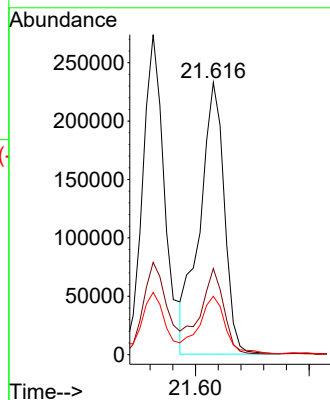
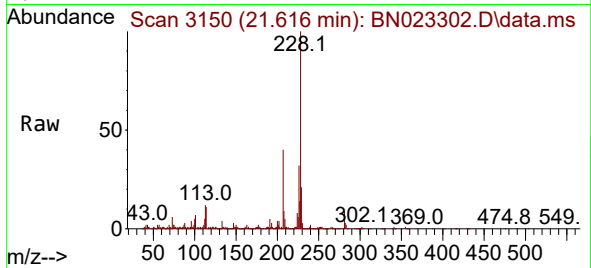




#87  
Chrysene  
Concen: 3.915 ng/ul  
RT: 21.616 min Scan# 3151  
Delta R.T. -0.005 min  
Lab File: BN023302.D  
Acq: 20 Dec 2022 17:19

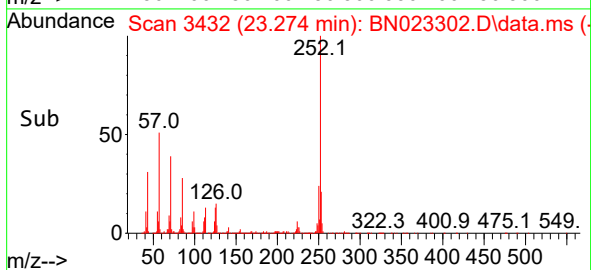
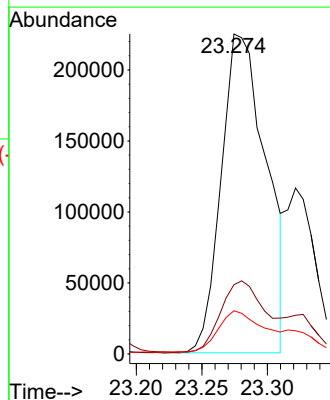
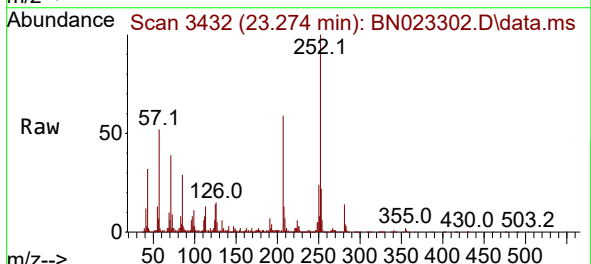
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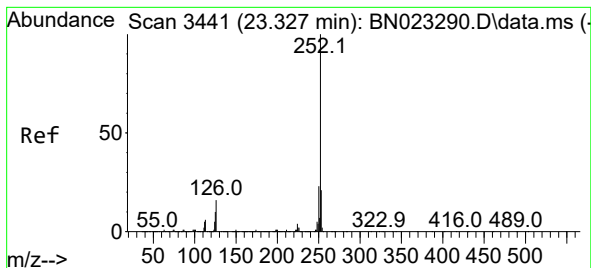
Tgt Ion:228 Resp: 349480  
Ion Ratio Lower Upper  
228 100  
226 31.6 24.6 36.8  
229 21.5 16.5 24.7



#90  
Benzo(b)fluoranthene  
Concen: 6.041 ng/ul  
RT: 23.274 min Scan# 3432  
Delta R.T. 0.000 min  
Lab File: BN023302.D  
Acq: 20 Dec 2022 17:19

Tgt Ion:252 Resp: 533690  
Ion Ratio Lower Upper  
252 100  
253 21.7 16.8 25.2  
125 13.5 8.8 13.2#





#91

Benzo(k)fluoranthene

Concen: 6.348 ng/ul

RT: 23.274 min Scan# 3441

Delta R.T. -0.053 min

Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

Instrument :

BNA\_N

ClientSampleId :

DBXV3

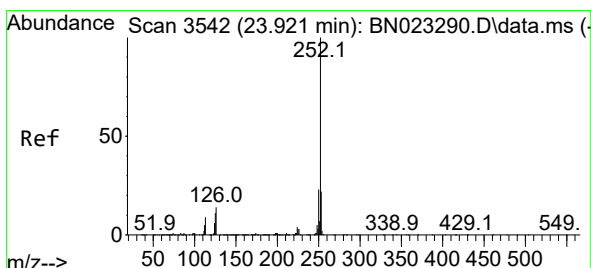
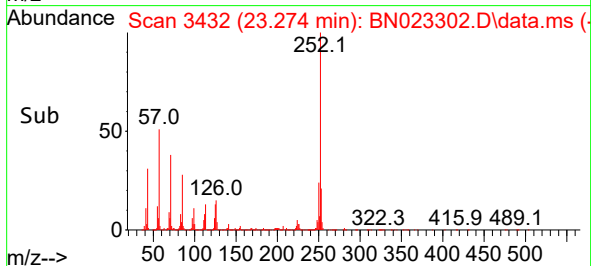
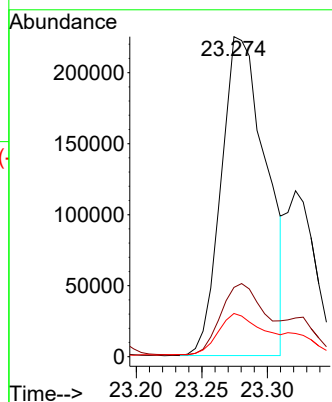
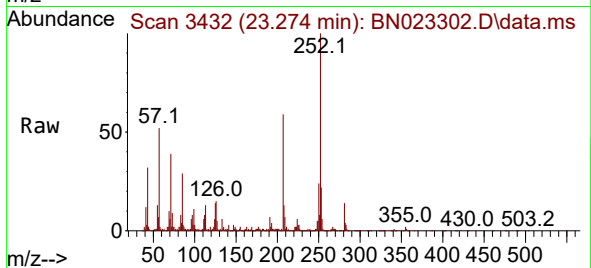
Tgt Ion:252 Resp: 533690

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 13.5 9.0 13.6



#93

Benzo(a)pyrene

Concen: 4.215 ng/ul

RT: 23.921 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

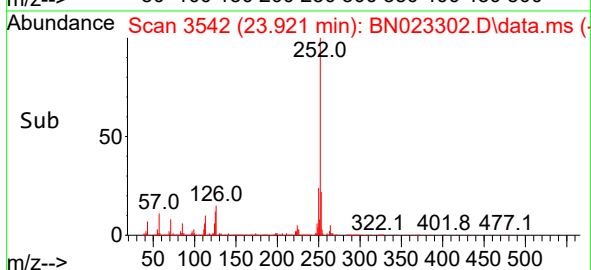
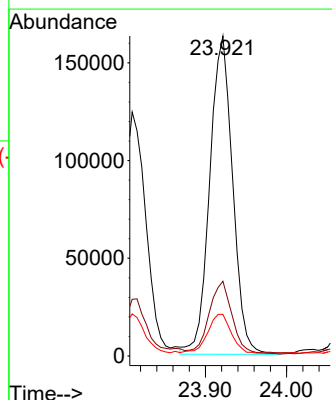
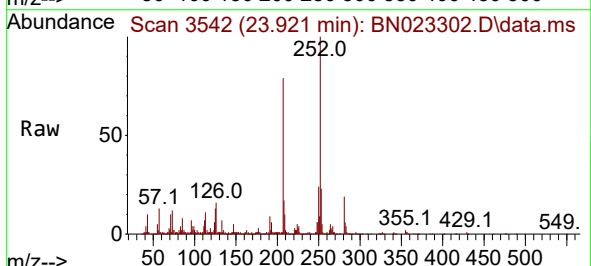
Tgt Ion:252 Resp: 320011

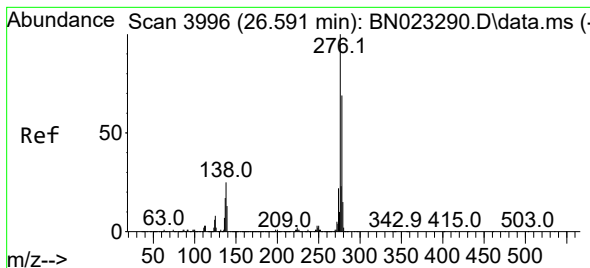
Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

125 13.0 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.274 ng/ul

RT: 26.586 min Scan# 3995

Delta R.T. -0.005 min

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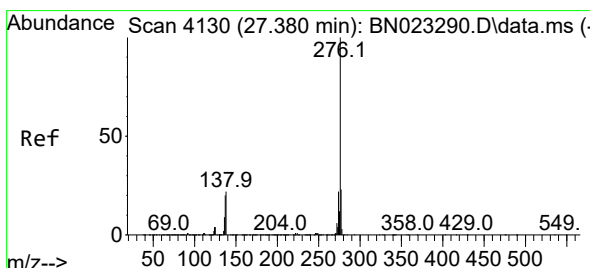
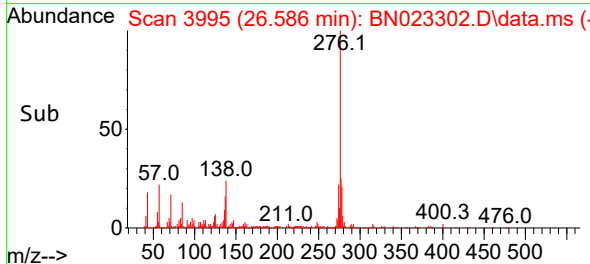
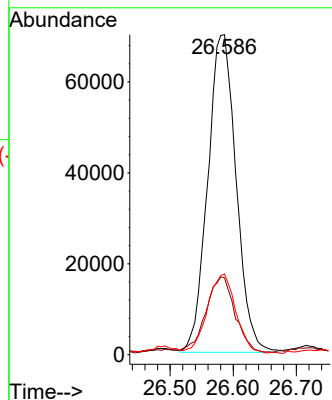
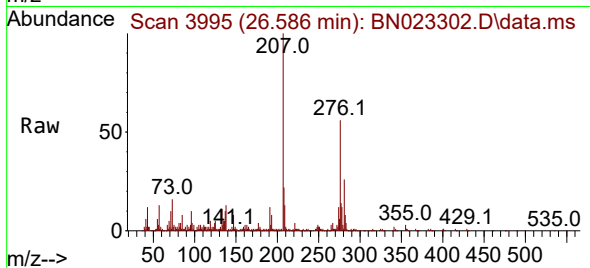
Tgt Ion:276 Resp: 218702

Ion Ratio Lower Upper

276 100

138 24.0 20.6 30.8

277 25.2 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 2.266 ng/ul

RT: 27.374 min Scan# 4129

Delta R.T. -0.005 min

Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

Tgt Ion:276 Resp: 172424

Ion Ratio Lower Upper

276 100

138 25.4 19.2 28.8

277 24.3 19.3 28.9

