

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121622\  
 Data File : BN023268.D  
 Acq On : 17 Dec 2022 09:06  
 Operator : CG/JU  
 Sample : N5925-07  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBXR1

Quant Time: Dec 19 00:14:15 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN121522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 15 23:22:36 2022  
 Response via : Initial Calibration

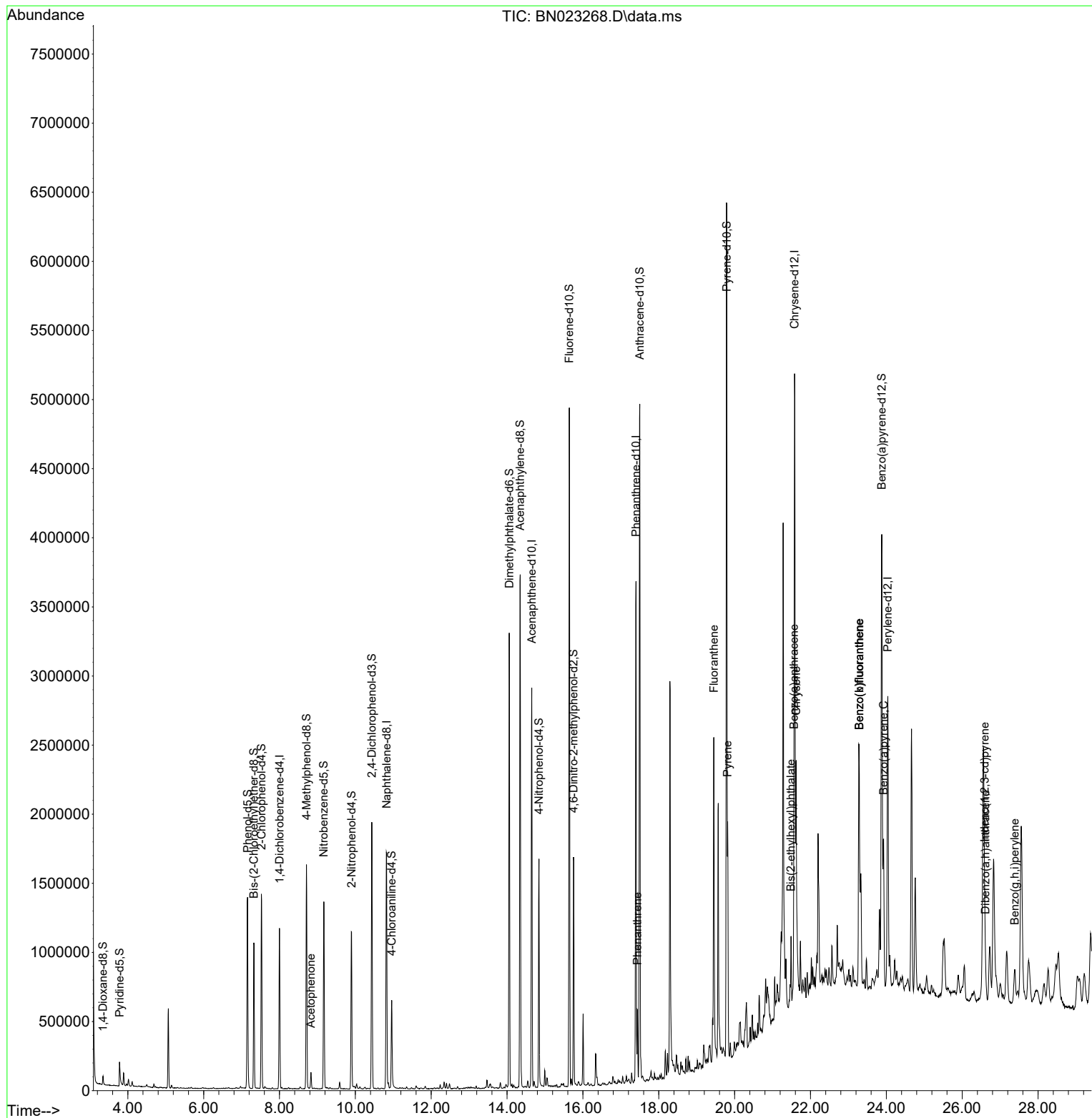
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.999  | 152  | 307157   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.822 | 136  | 1445239  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.651 | 164  | 950451   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.398 | 188  | 2123575  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.580 | 240  | 1745900  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.039 | 264  | 1628904  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.346  | 96   | 34484    | 4.645  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.781  | 84   | 106960   | 4.881  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.158  | 99   | 799674   | 27.992 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.322  | 67   | 453151   | 27.258 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.522  | 132  | 655492   | 30.451 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.710  | 113  | 598186   | 26.080 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.169  | 128  | 337534   | 30.228 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.899  | 143  | 376591   | 32.021 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.434 | 165  | 682567   | 30.743 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.957 | 131  | 357824   | 10.016 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.057 | 166  | 2108136  | 29.598 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.345 | 160  | 2433594  | 30.467 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.840 | 143  | 393647   | 24.745 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.640 | 176  | 1846502  | 30.434 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.751 | 200  | 329488   | 26.358 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.498 | 188  | 2801964  | 29.441 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.792 | 212  | 3317998  | 34.936 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.880 | 264  | 2470640  | 30.944 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.828  | 105  | 60203    | 1.735  | ng/ul  | 99       |
| 72) Phenanthrene              | 17.434 | 178  | 306796   | 2.730  | ng/ul  | 100      |
| 80) Fluoranthene              | 19.451 | 202  | 1045877  | 9.469  | ng/ul  | 98       |
| 82) Pyrene                    | 19.816 | 202  | 917646   | 7.909  | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.563 | 228  | 664188   | 5.678  | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.486 | 149  | 161413   | 2.377  | ng/ul  | 99       |
| 87) Chrysene                  | 21.622 | 228  | 678673   | 6.148  | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.286 | 252  | 973686   | 9.477  | ng/ul  | 97       |
| 91) Benzo(k)fluoranthene      | 23.286 | 252  | 973686   | 9.959  | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.927 | 252  | 563715   | 6.384  | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.592 | 276  | 362482   | 3.241  | ng/ul  | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.615 | 278  | 97734    | 1.072  | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 27.386 | 276  | 302205   | 3.415  | ng/ul  | 98       |

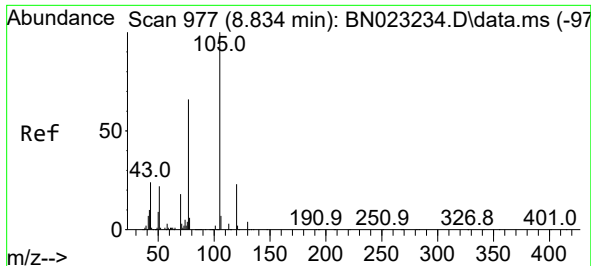
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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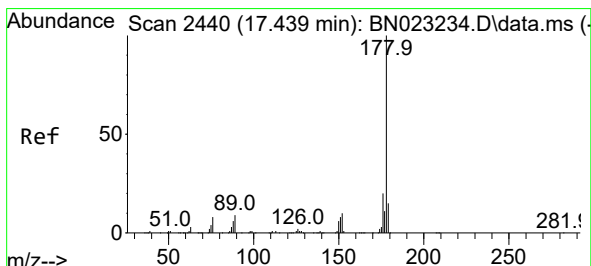
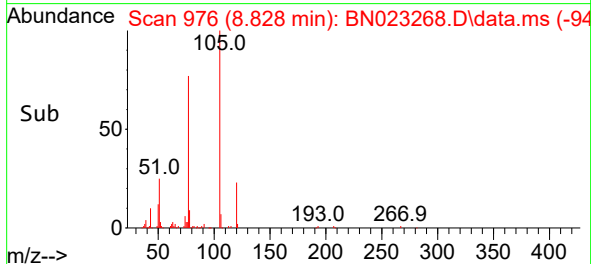
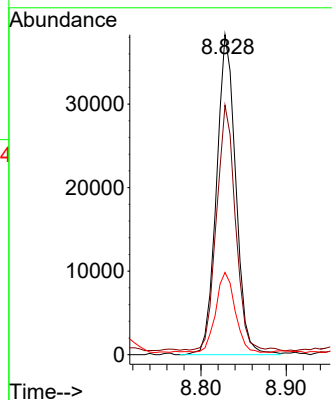
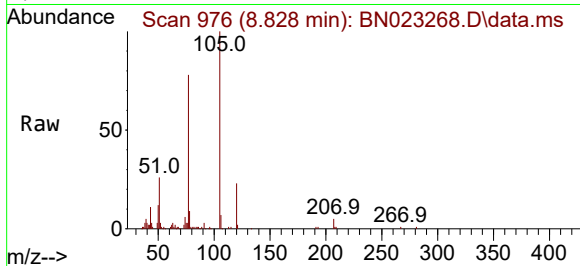




#16  
Acetophenone  
Concen: 1.735 ng/ul  
RT: 8.828 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BN023268.D  
Acq: 17 Dec 2022 09:06

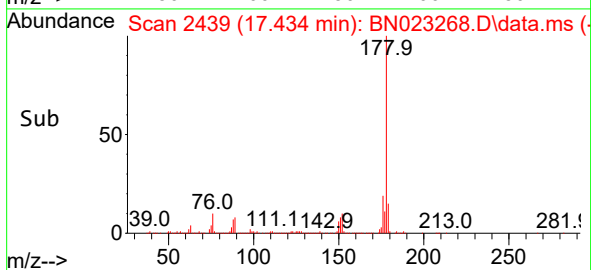
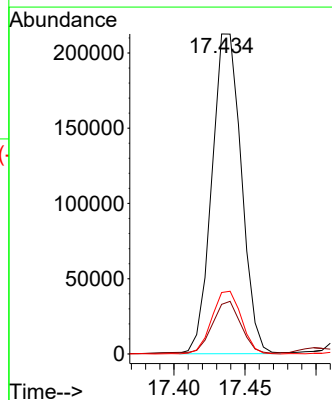
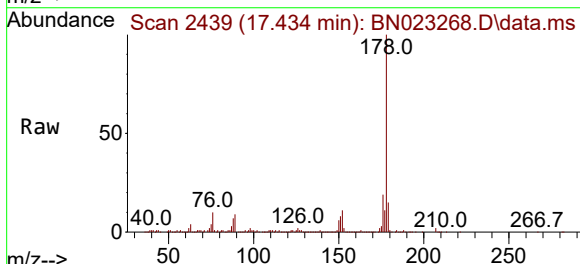
Instrument :  
BNA\_N  
ClientSampleId :  
DBXR1

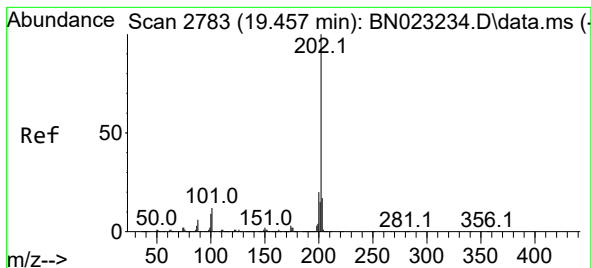
Tgt Ion:105 Resp: 60203  
Ion Ratio Lower Upper  
105 100  
77 77.9 61.4 92.0  
51 25.7 20.0 30.0



#72  
Phenanthrene  
Concen: 2.730 ng/ul  
RT: 17.434 min Scan# 2439  
Delta R.T. -0.006 min  
Lab File: BN023268.D  
Acq: 17 Dec 2022 09:06

Tgt Ion:178 Resp: 306796  
Ion Ratio Lower Upper  
178 100  
179 15.5 12.3 18.5  
176 19.2 15.4 23.0





#80

Fluoranthene

Concen: 9.469 ng/ul

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

Instrument :

BNA\_N

ClientSampleId :

DBXR1

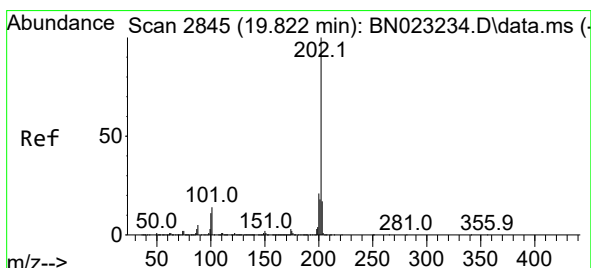
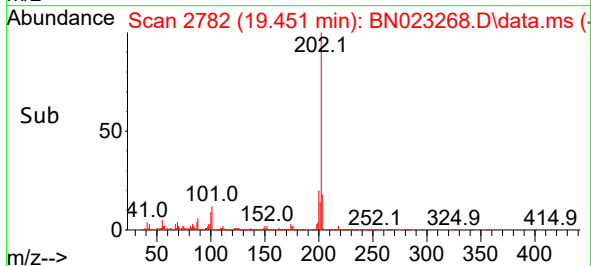
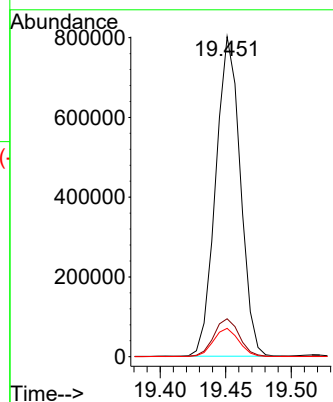
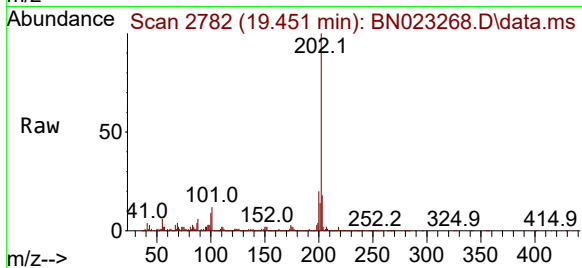
Tgt Ion:202 Resp: 1045877

Ion Ratio Lower Upper

202 100

101 11.9 10.4 15.6

100 8.9 7.6 11.4



#82

Pyrene

Concen: 7.909 ng/ul

RT: 19.816 min Scan# 2844

Delta R.T. 0.000 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

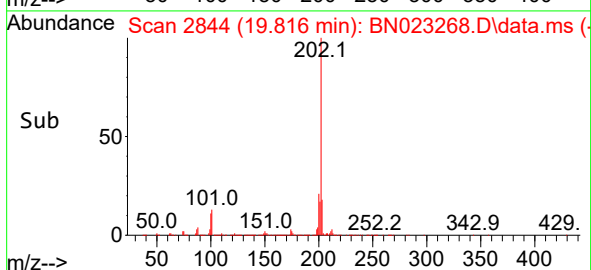
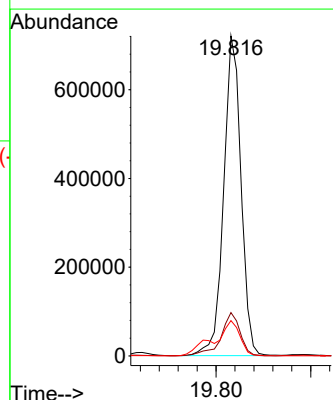
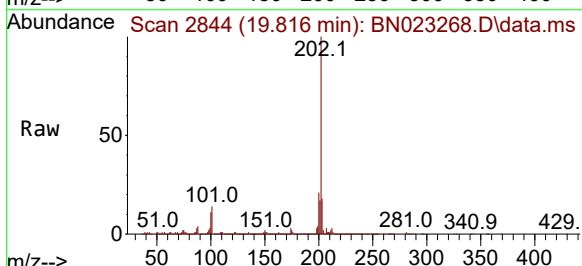
Tgt Ion:202 Resp: 917646

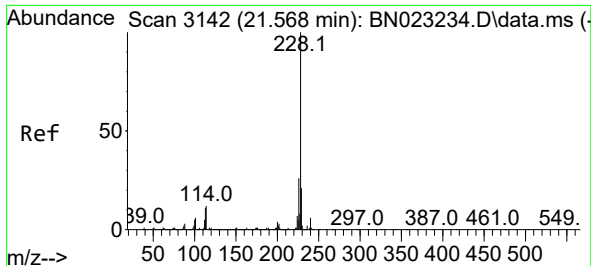
Ion Ratio Lower Upper

202 100

101 13.5 12.0 18.0

100 11.1 9.5 14.3

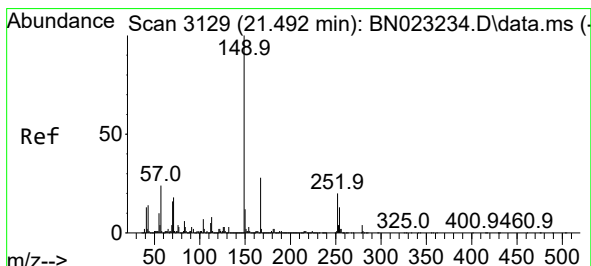
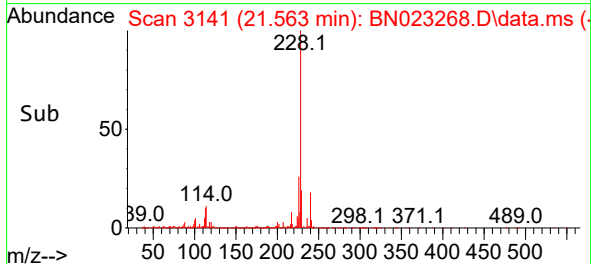
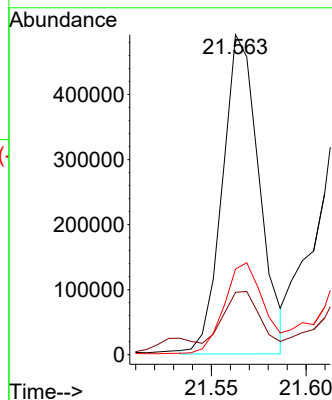
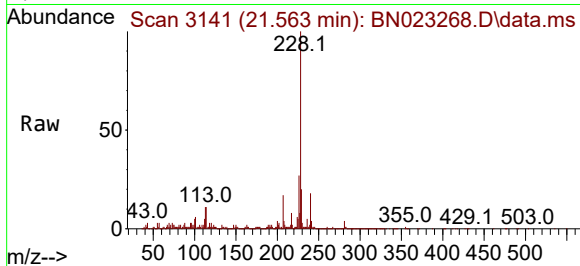




#85  
Benzo(a)anthracene  
Concen: 5.678 ng/ul  
RT: 21.563 min Scan# 3142  
Delta R.T. -0.006 min  
Lab File: BN023268.D  
Acq: 17 Dec 2022 09:06

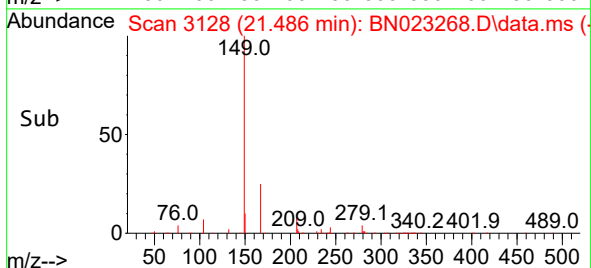
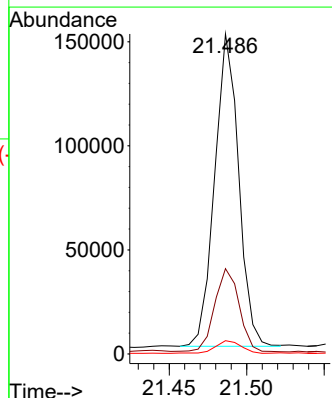
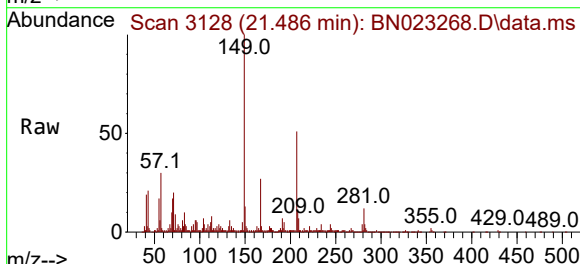
Instrument :  
BNA\_N  
ClientSampleId :  
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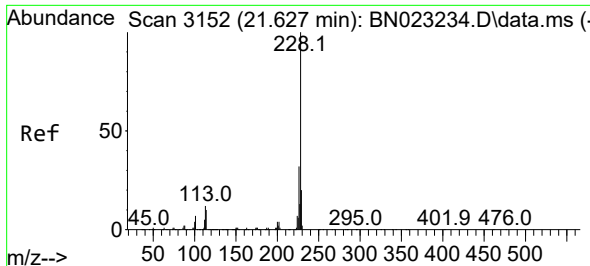
Tgt Ion:228 Resp: 664188  
Ion Ratio Lower Upper  
228 100  
229 19.5 15.5 23.3  
226 26.8 21.4 32.0



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 2.377 ng/ul  
RT: 21.486 min Scan# 3128  
Delta R.T. 0.000 min  
Lab File: BN023268.D  
Acq: 17 Dec 2022 09:06

Tgt Ion:149 Resp: 161413  
Ion Ratio Lower Upper  
149 100  
167 26.7 21.9 32.9  
279 4.1 3.4 5.0





#87

Chrysene

Concen: 6.148 ng/ul

RT: 21.622 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

Instrument :

BNA\_N

ClientSampleId :

DBXR1

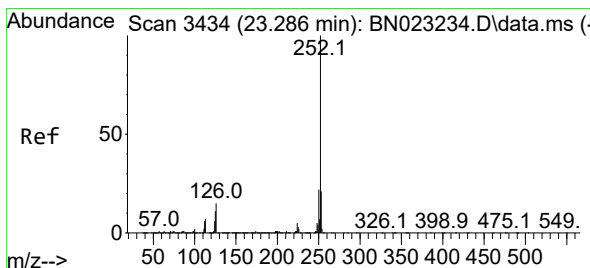
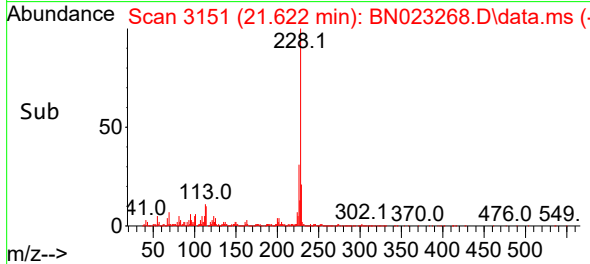
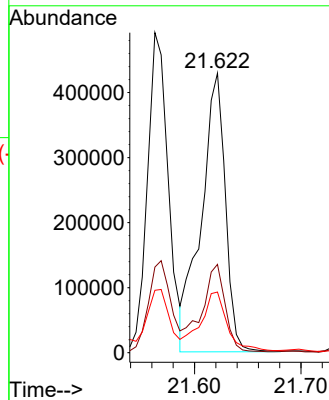
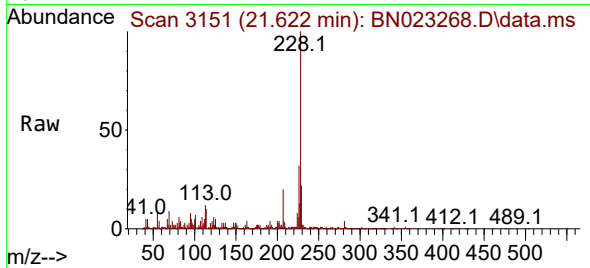
Tgt Ion:228 Resp: 678673

Ion Ratio Lower Upper

228 100

226 31.6 24.6 36.8

229 21.7 16.5 24.7



#90

Benzo(b)fluoranthene

Concen: 9.477 ng/ul

RT: 23.286 min Scan# 3434

Delta R.T. 0.006 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

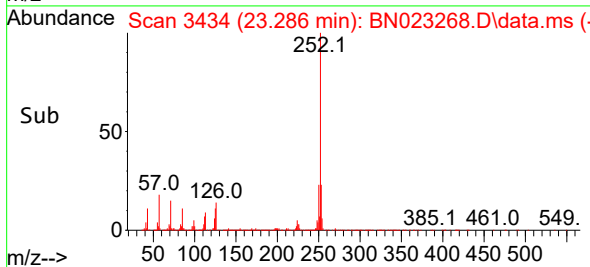
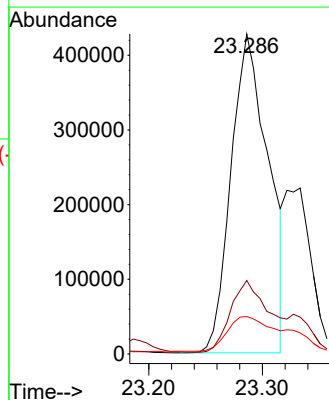
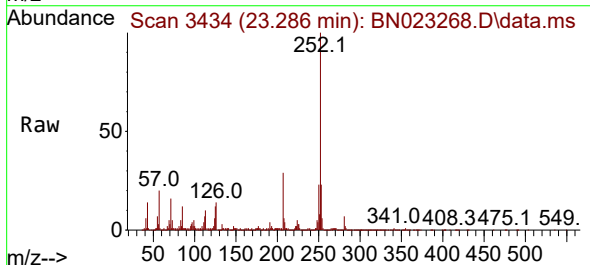
Tgt Ion:252 Resp: 973686

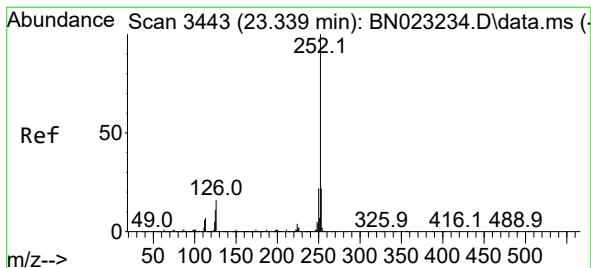
Ion Ratio Lower Upper

252 100

253 23.0 16.8 25.2

125 11.7 8.8 13.2





#91

Benzo(k)fluoranthene

Concen: 9.959 ng/ul

RT: 23.286 min Scan# 3443

Delta R.T. -0.047 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

Instrument :

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ClientSampleId :

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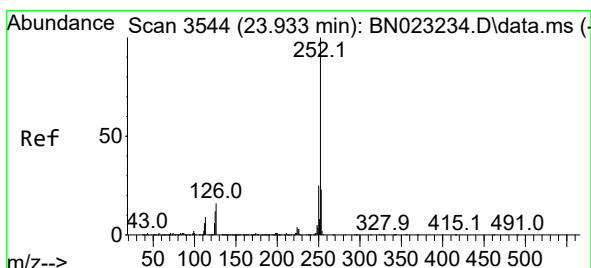
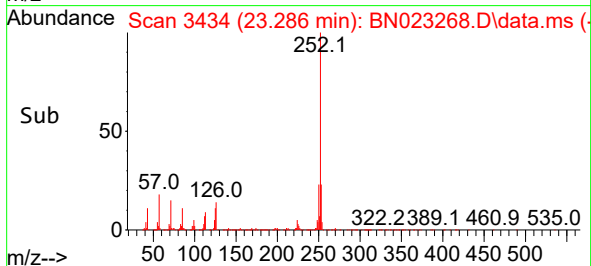
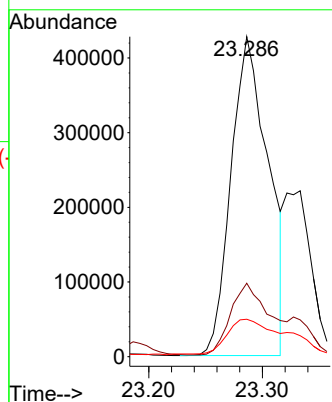
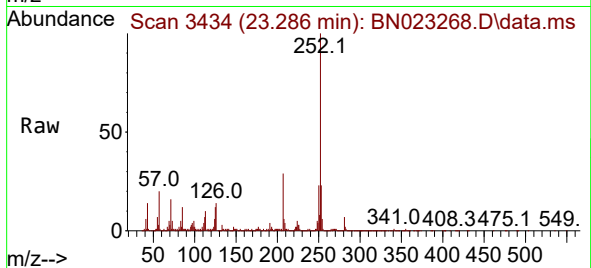
Tgt Ion:252 Resp: 973686

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 11.7 9.0 13.6



#93

Benzo(a)pyrene

Concen: 6.384 ng/ul

RT: 23.927 min Scan# 3543

Delta R.T. 0.000 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

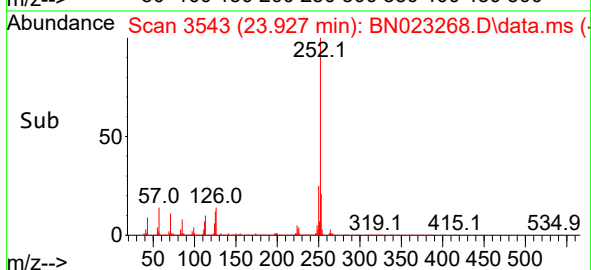
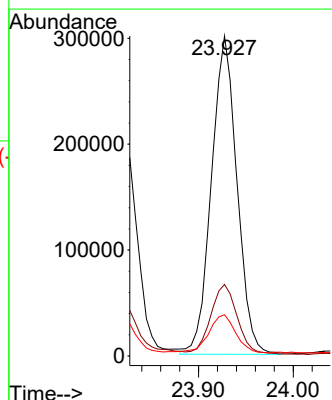
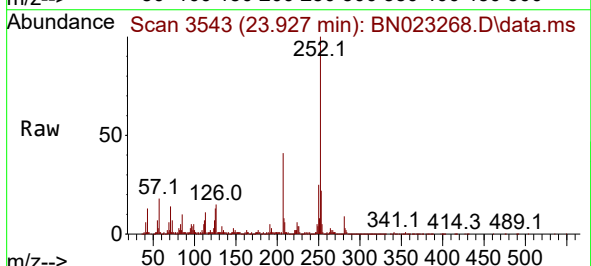
Tgt Ion:252 Resp: 563715

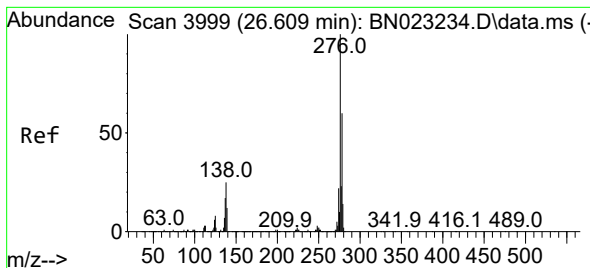
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 12.9 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.241 ng/ul

RT: 26.592 min Scan# 3999

Delta R.T. -0.006 min

Lab File: BN023268.D

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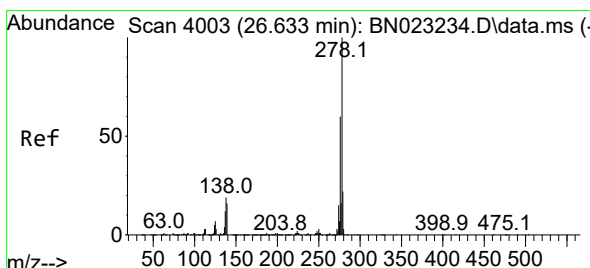
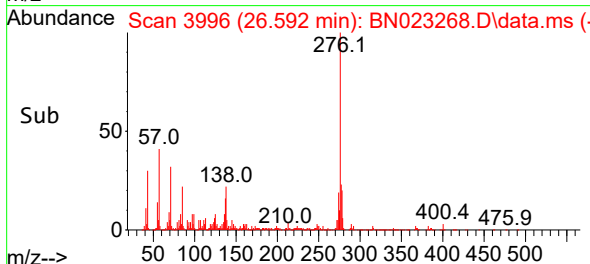
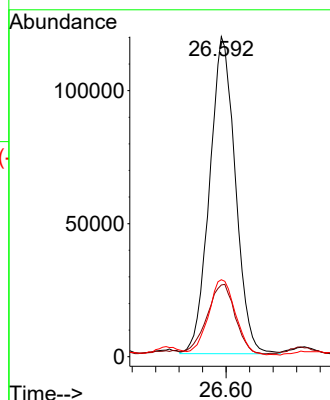
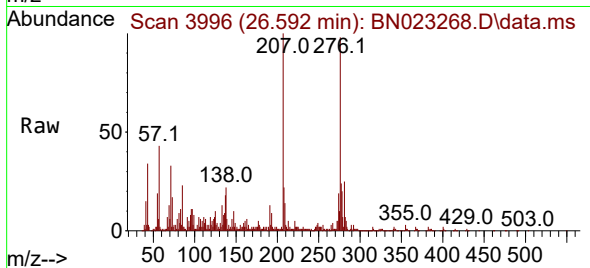
Tgt Ion:276 Resp: 362482

Ion Ratio Lower Upper

276 100

138 22.4 20.6 30.8

277 24.1 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 1.072 ng/ul

RT: 26.615 min Scan# 4000

Delta R.T. -0.006 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

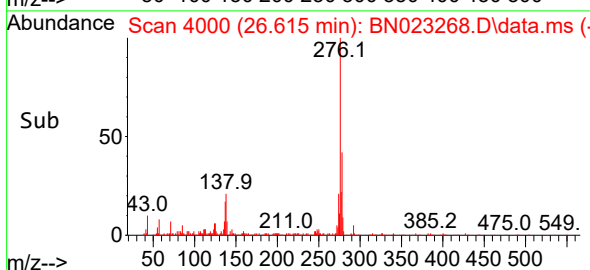
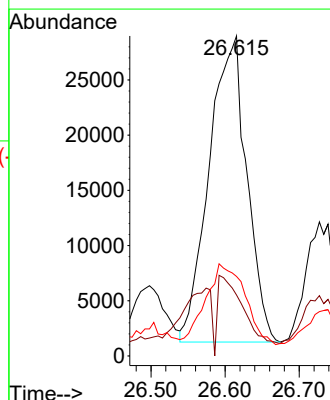
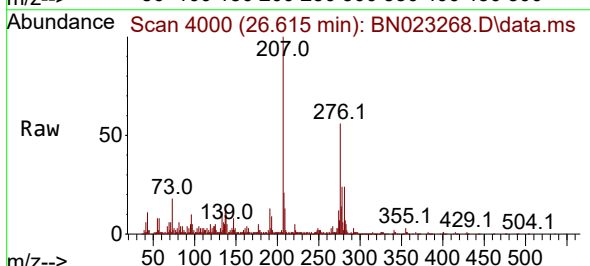
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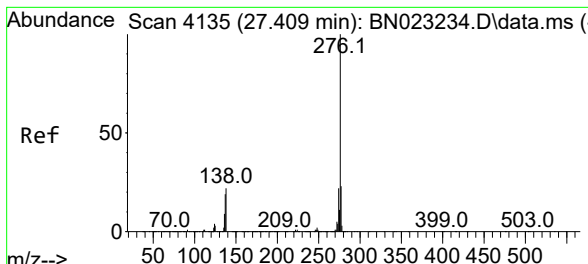
Ion Ratio Lower Upper

278 100

139 19.1 13.3 19.9

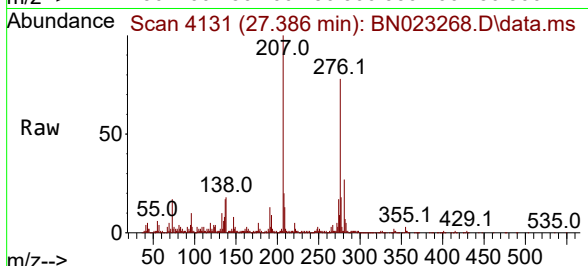
279 24.9 18.6 27.8





#96  
 Benzo(g,h,i)perylene  
 Concen: 3.415 ng/ul  
 RT: 27.386 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: BN023268.D  
 Acq: 17 Dec 2022 09:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBXR1



Tgt Ion: 276 Resp: 302205

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 23.5  | 19.2  | 28.8  |
| 277 | 22.6  | 19.3  | 28.9  |

