

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091922\  
 Data File : BM036595.D  
 Acq On : 20 Sep 2022 00:12  
 Operator : CG/JU  
 Sample : N4604-04  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A5763

Quant Time: Sep 20 01:07:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 16 02:39:54 2022  
 Response via : Initial Calibration

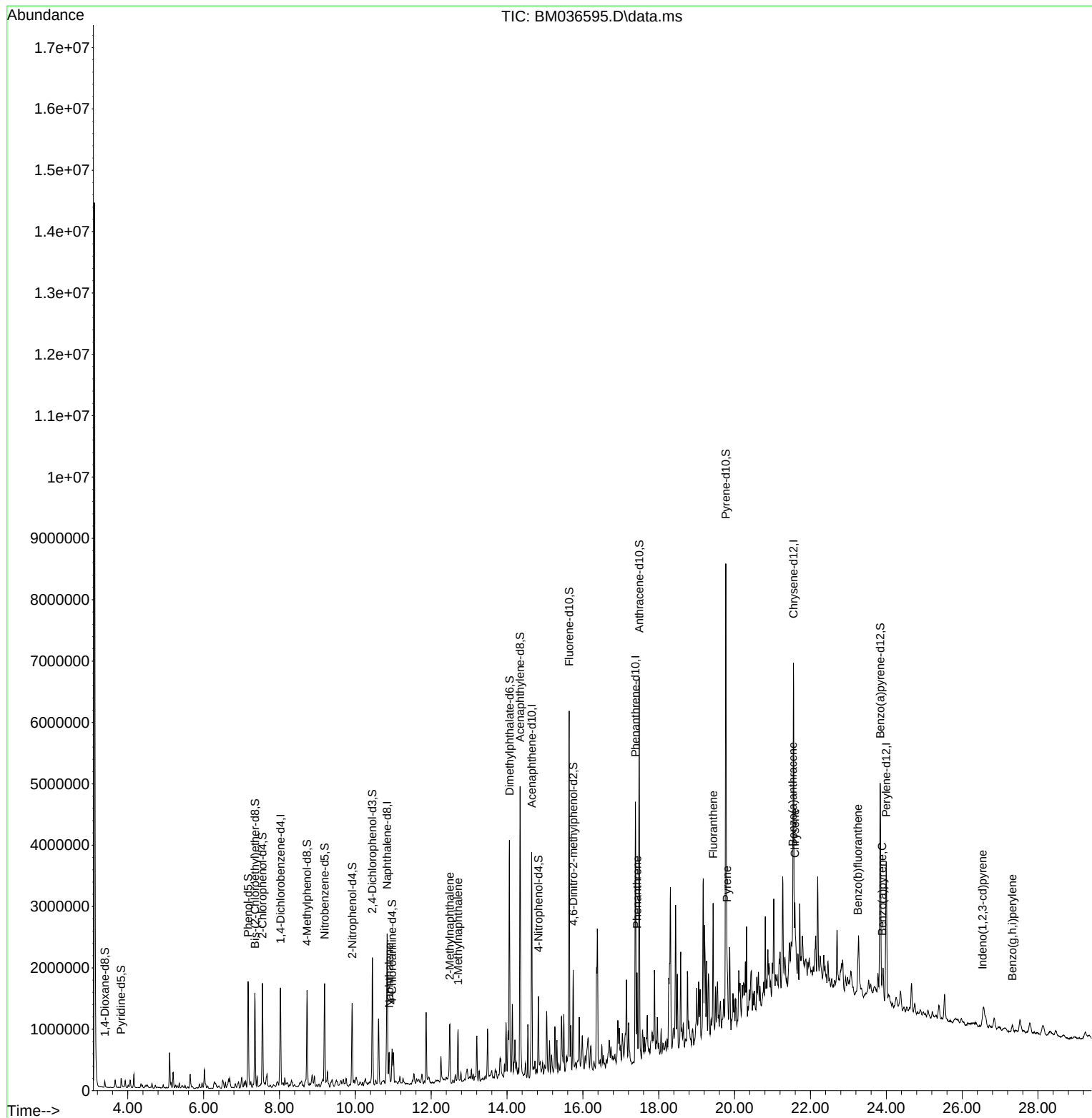
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.028  | 152  | 416239   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.839 | 136  | 1884520  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.651 | 164  | 1188905  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.386 | 188  | 2393762  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.550 | 240  | 2094141  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.997 | 264  | 1704854  | 20.000 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.393  | 96   | 54523    | 4.910  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.822  | 84   | 91114    | 2.814  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.175  | 99   | 893547   | 24.022 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.351  | 67   | 633725   | 28.054 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.551  | 132  | 768391   | 28.693 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.728  | 113  | 567029   | 20.631 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.192  | 128  | 420137   | 32.938 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.916  | 143  | 422473   | 36.977 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.451 | 165  | 730806   | 27.600 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.969 | 131  | 300788   | 6.833  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.063 | 166  | 2415536  | 30.125 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.345 | 160  | 2970237  | 31.228 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.827 | 143  | 285953   | 18.386 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.639 | 176  | 2188807  | 30.460 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 200  | 251133   | 26.517 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.486 | 188  | 3235395  | 29.561 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.768 | 212  | 3662143  | 35.547 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.839 | 264  | 2583918  | 31.022 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        | Qvalue   |
| 30) Naphthalene               | 10.892 | 128  | 402344   | 3.919  | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.492 | 142  | 436259   | 6.378  | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.710 | 142  | 382037   | 5.556  | ng/ul  | 99       |
| 72) Phenanthrene              | 17.427 | 178  | 850673   | 6.452  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.433 | 202  | 608867   | 4.823  | ng/ul  | 97       |
| 82) Pyrene                    | 19.798 | 202  | 596899   | 4.467  | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.533 | 228  | 310931   | 2.370  | ng/ul# | 67       |
| 87) Chrysene                  | 21.592 | 228  | 790426   | 6.347  | ng/ul# | 89       |
| 90) Benzo(b)fluoranthene      | 23.250 | 252  | 455753   | 4.216  | ng/ul# | 93       |
| 93) Benzo(a)pyrene            | 23.891 | 252  | 196392   | 2.066  | ng/ul# | 89       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.538 | 276  | 116882   | 1.053  | ng/ul# | 89       |
| 96) Benzo(g,h,i)perylene      | 27.321 | 276  | 121801   | 1.266  | ng/ul# | 88       |
| -----                         |        |      |          |        |        |          |

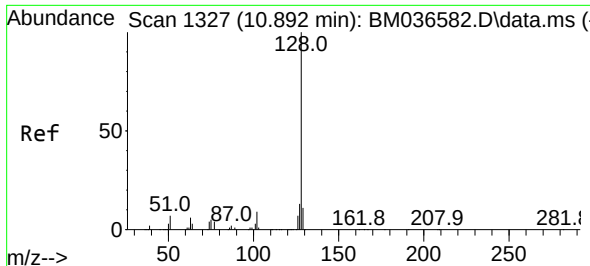
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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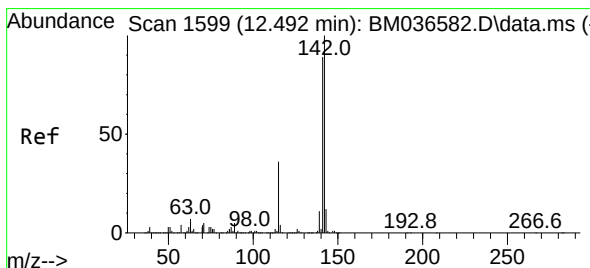
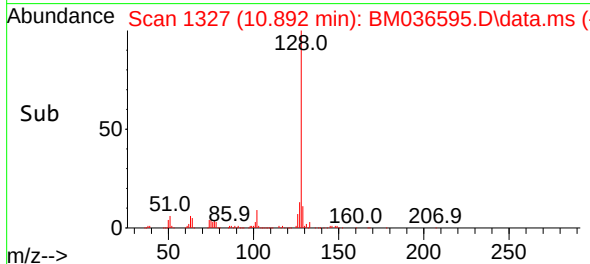
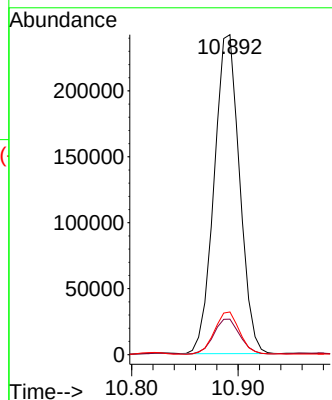
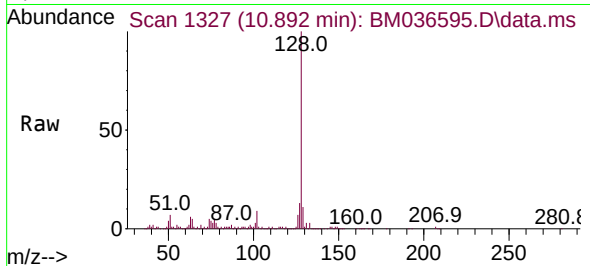




#30  
Naphthalene  
Concen: 3.919 ng/ul  
RT: 10.892 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BM036595.D  
Acq: 20 Sep 2022 00:12

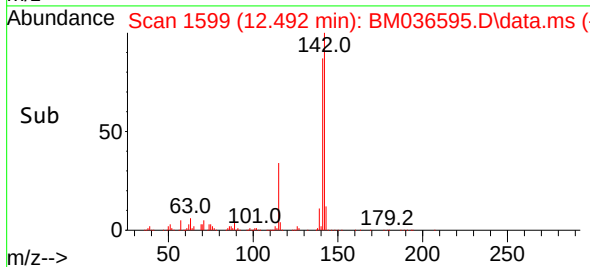
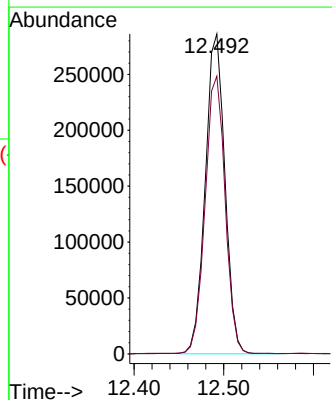
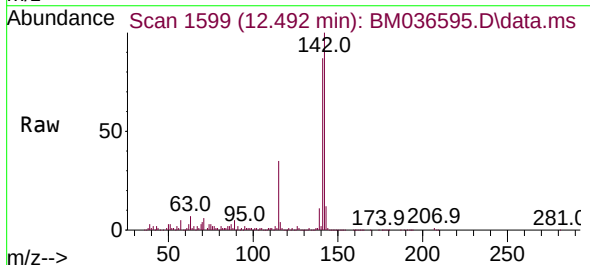
Instrument :  
BNA\_M  
ClientSampleId :  
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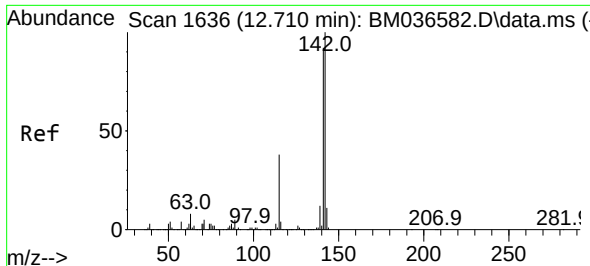
Tgt Ion:128 Resp: 402344  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.7 13.1  
127 13.3 10.3 15.5



#36  
2-Methylnaphthalene  
Concen: 6.378 ng/ul  
RT: 12.492 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BM036595.D  
Acq: 20 Sep 2022 00:12

Tgt Ion:142 Resp: 436259  
Ion Ratio Lower Upper  
142 100  
141 86.8 70.7 106.1

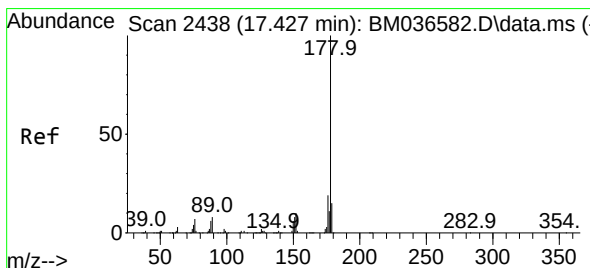
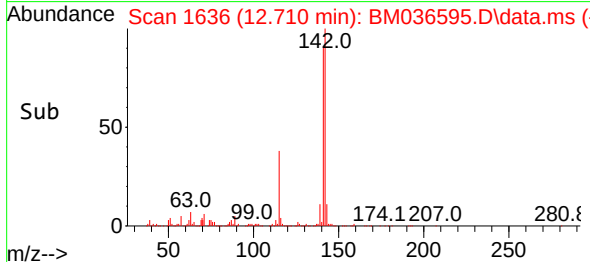
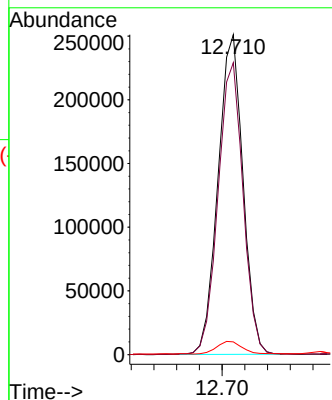
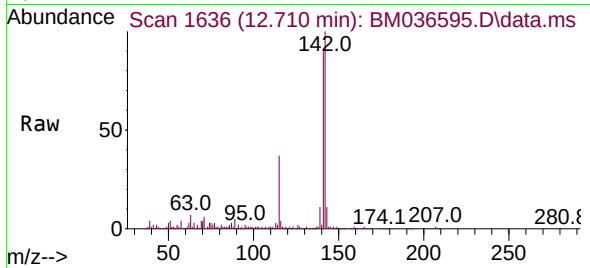




#37  
1-Methylnaphthalene  
Concen: 5.556 ng/ul  
RT: 12.710 min Scan# 1636  
Delta R.T. 0.000 min  
Lab File: BM036595.D  
Acq: 20 Sep 2022 00:12

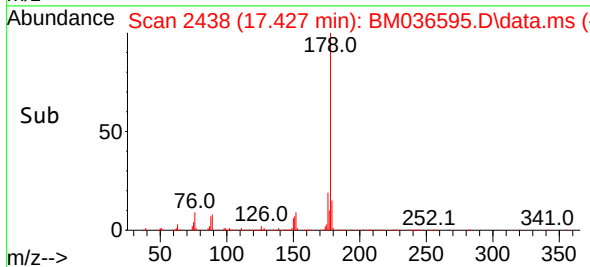
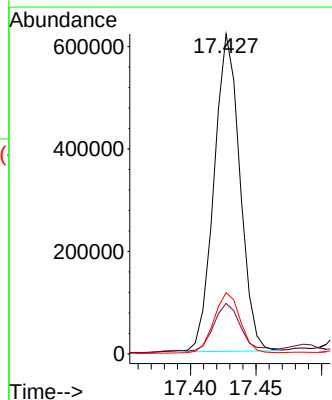
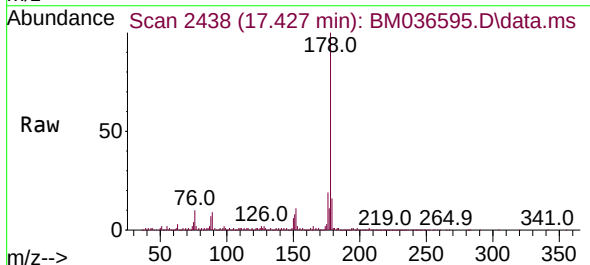
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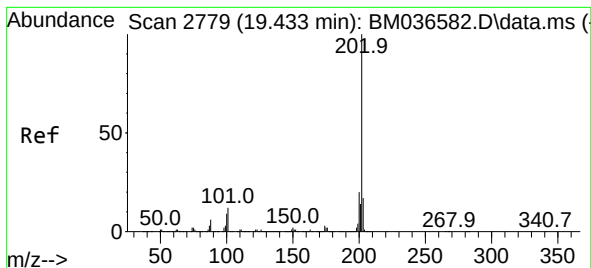
Tgt Ion:142 Resp: 382037  
Ion Ratio Lower Upper  
142 100  
141 91.2 73.4 110.2  
116 4.0 3.1 4.7



#72  
Phenanthrene  
Concen: 6.452 ng/ul  
RT: 17.427 min Scan# 2438  
Delta R.T. -0.006 min  
Lab File: BM036595.D  
Acq: 20 Sep 2022 00:12

Tgt Ion:178 Resp: 850673  
Ion Ratio Lower Upper  
178 100  
179 15.8 12.2 18.2  
176 19.2 15.7 23.5

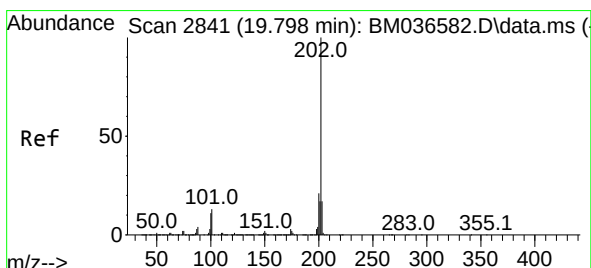
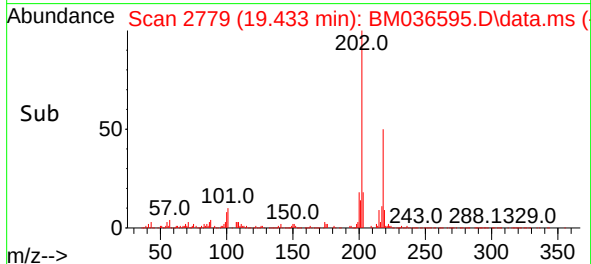
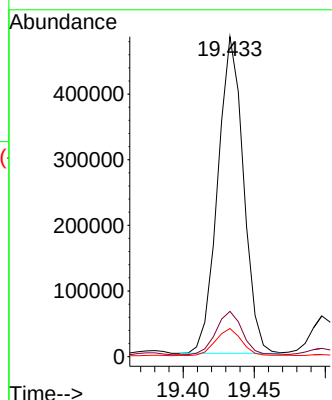
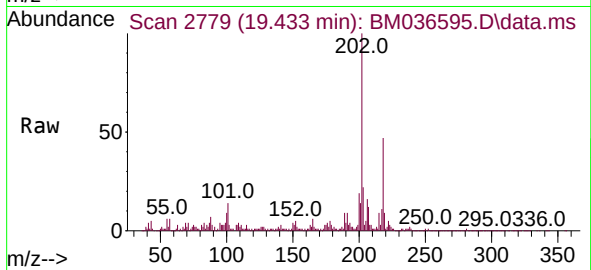




#80  
Fluoranthene  
Concen: 4.823 ng/ul  
RT: 19.433 min Scan# 2779  
Delta R.T. 0.000 min  
Lab File: BM036595.D  
Acq: 20 Sep 2022 00:12

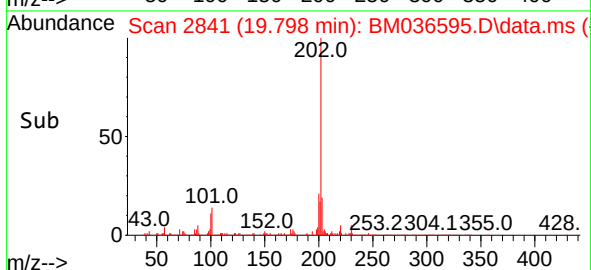
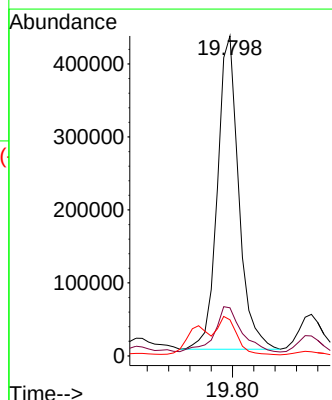
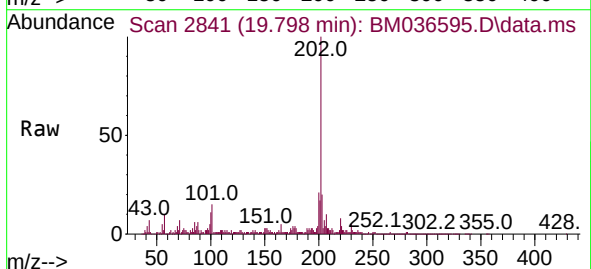
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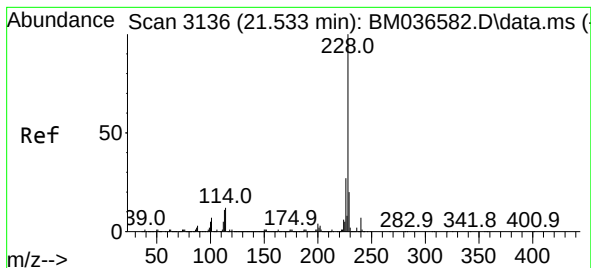
Tgt Ion:202 Resp: 608867  
Ion Ratio Lower Upper  
202 100  
101 14.1 9.8 14.6  
100 8.8 7.4 11.2



#82  
Pyrene  
Concen: 4.467 ng/ul  
RT: 19.798 min Scan# 2841  
Delta R.T. 0.000 min  
Lab File: BM036595.D  
Acq: 20 Sep 2022 00:12

Tgt Ion:202 Resp: 596899  
Ion Ratio Lower Upper  
202 100  
101 15.0 10.9 16.3  
100 11.3 8.7 13.1





#85

Benzo(a)anthracene

Concen: 2.370 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BM036595.D

Acq: 20 Sep 2022 00:12

Instrument :

BNA\_M

ClientSampleId :

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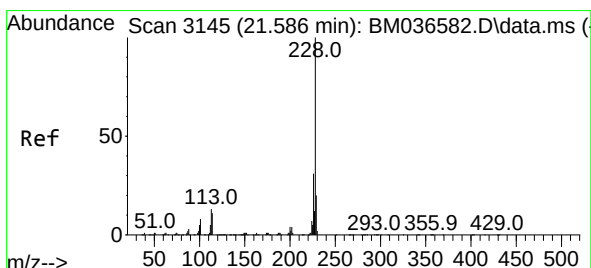
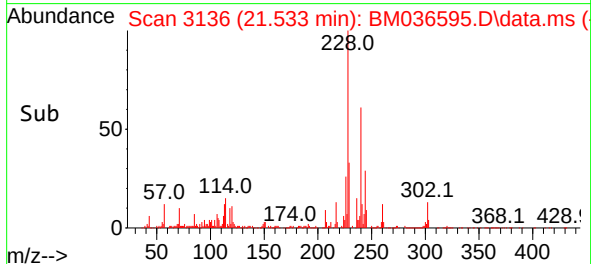
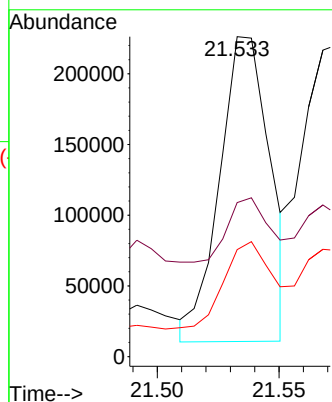
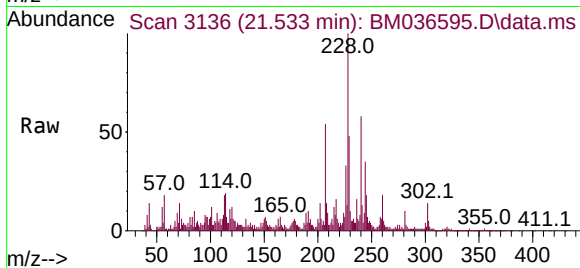
Tgt Ion:228 Resp: 310931

Ion Ratio Lower Upper

228 100

229 48.1 15.8 23.8#

226 33.4 21.9 32.9#



#87

Chrysene

Concen: 6.347 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BM036595.D

Acq: 20 Sep 2022 00:12

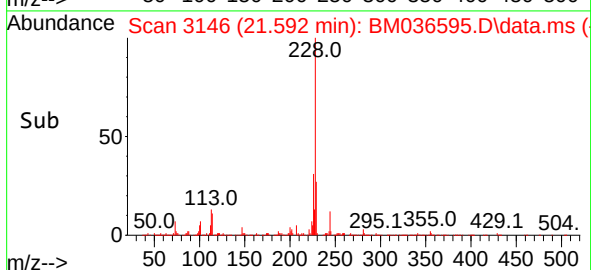
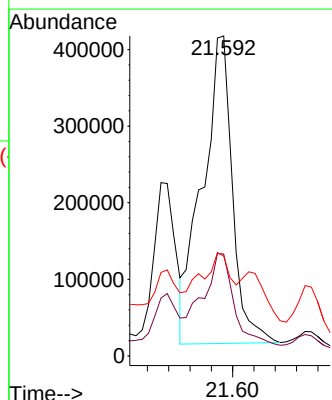
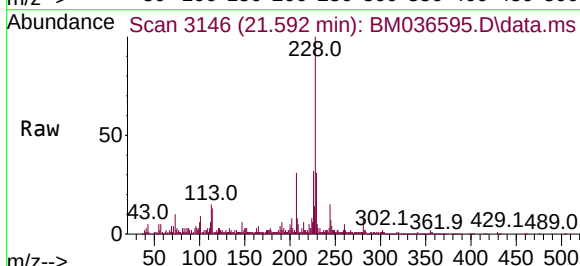
Tgt Ion:228 Resp: 790426

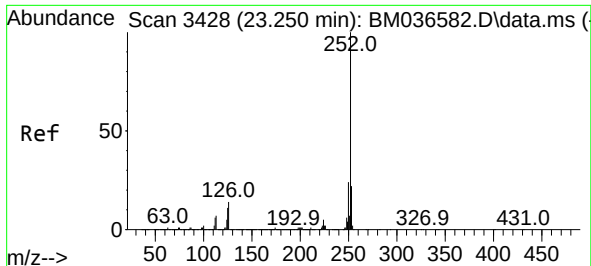
Ion Ratio Lower Upper

228 100

226 31.8 24.4 36.6

229 31.2 15.6 23.4#

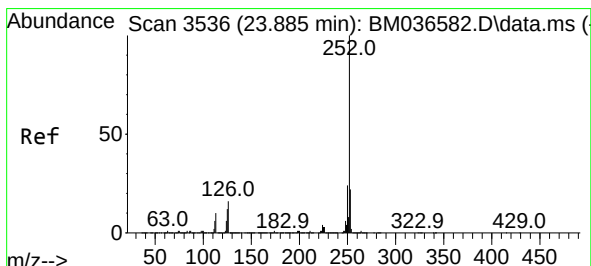
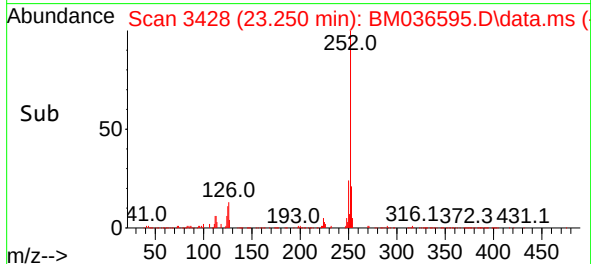
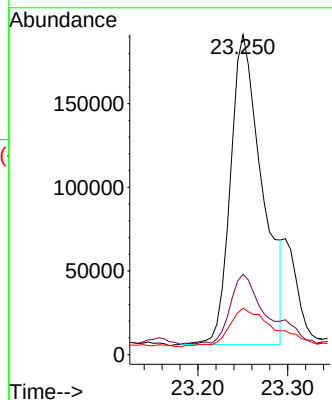
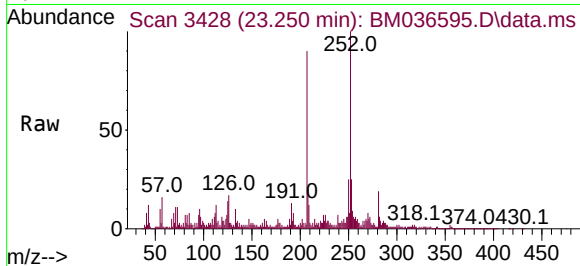




#90  
Benzo(b)fluoranthene  
Concen: 4.216 ng/ul  
RT: 23.250 min Scan# 3428  
Delta R.T. 0.000 min  
Lab File: BM036595.D  
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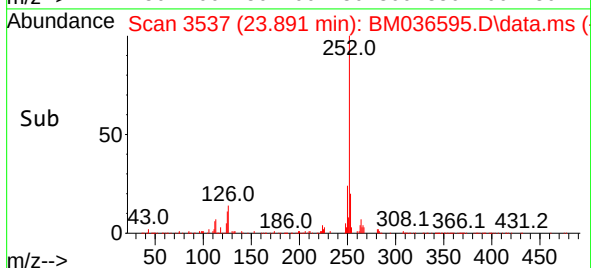
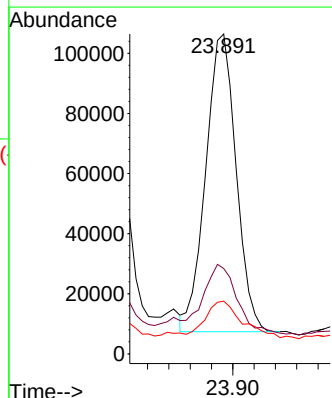
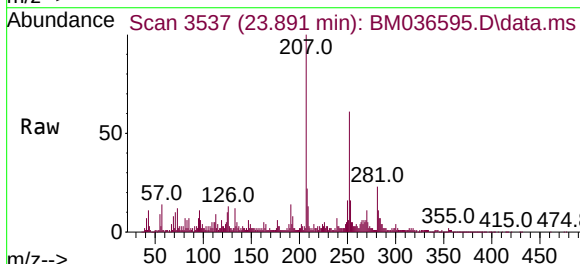
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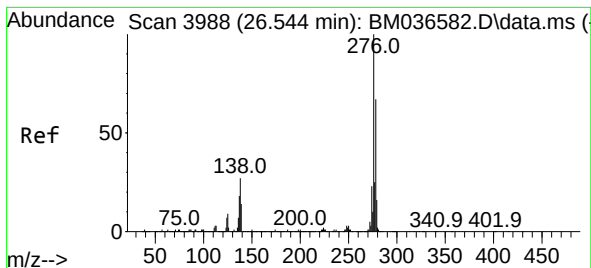
Tgt Ion:252 Resp: 455753  
Ion Ratio Lower Upper  
252 100  
253 25.1 17.6 26.4  
125 14.5 9.1 13.7#



#93  
Benzo(a)pyrene  
Concen: 2.066 ng/ul  
RT: 23.891 min Scan# 3537  
Delta R.T. 0.000 min  
Lab File: BM036595.D  
Acq: 20 Sep 2022 00:12

Tgt Ion:252 Resp: 196392  
Ion Ratio Lower Upper  
252 100  
253 26.7 17.5 26.3#  
125 16.5 9.5 14.3#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.053 ng/ul

RT: 26.538 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM036595.D

Acq: 20 Sep 2022 00:12

Instrument :

BNA\_M

ClientSampleId :

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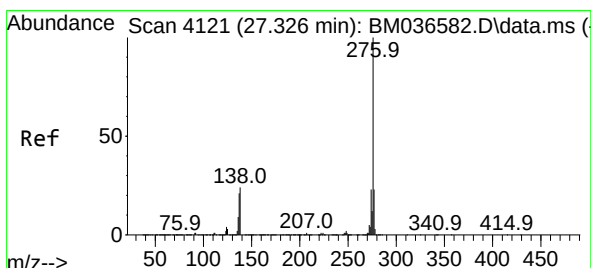
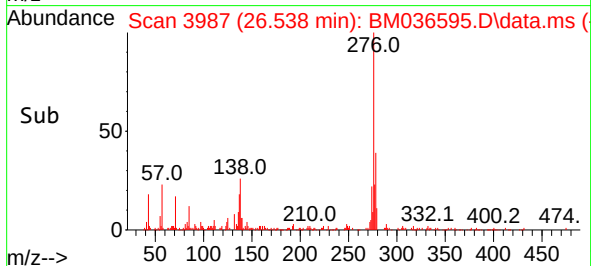
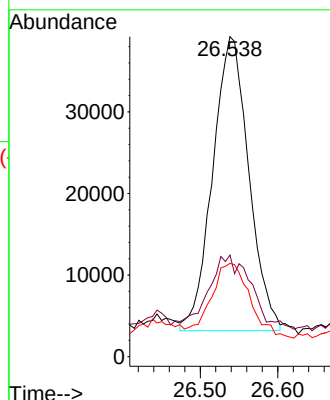
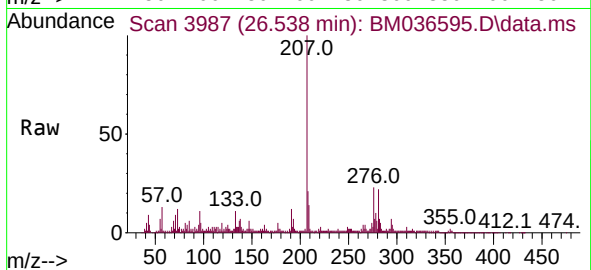
Tgt Ion:276 Resp: 116882

Ion Ratio Lower Upper

276 100

138 31.7 20.2 30.4#

277 29.1 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 1.266 ng/ul

RT: 27.321 min Scan# 4120

Delta R.T. -0.012 min

Lab File: BM036595.D

Acq: 20 Sep 2022 00:12

Tgt Ion:276 Resp: 121801

Ion Ratio Lower Upper

276 100

138 30.5 18.7 28.1#

277 28.7 19.2 28.8

