

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110123\  
 Data File : BG059580.D  
 Acq On : 1 Nov 2023 15:20  
 Operator : MA/JU  
 Sample : 04922-12  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EOAT1

Quant Time: Nov 02 02:32:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG102723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 28 03:56:42 2023  
 Response via : Initial Calibration

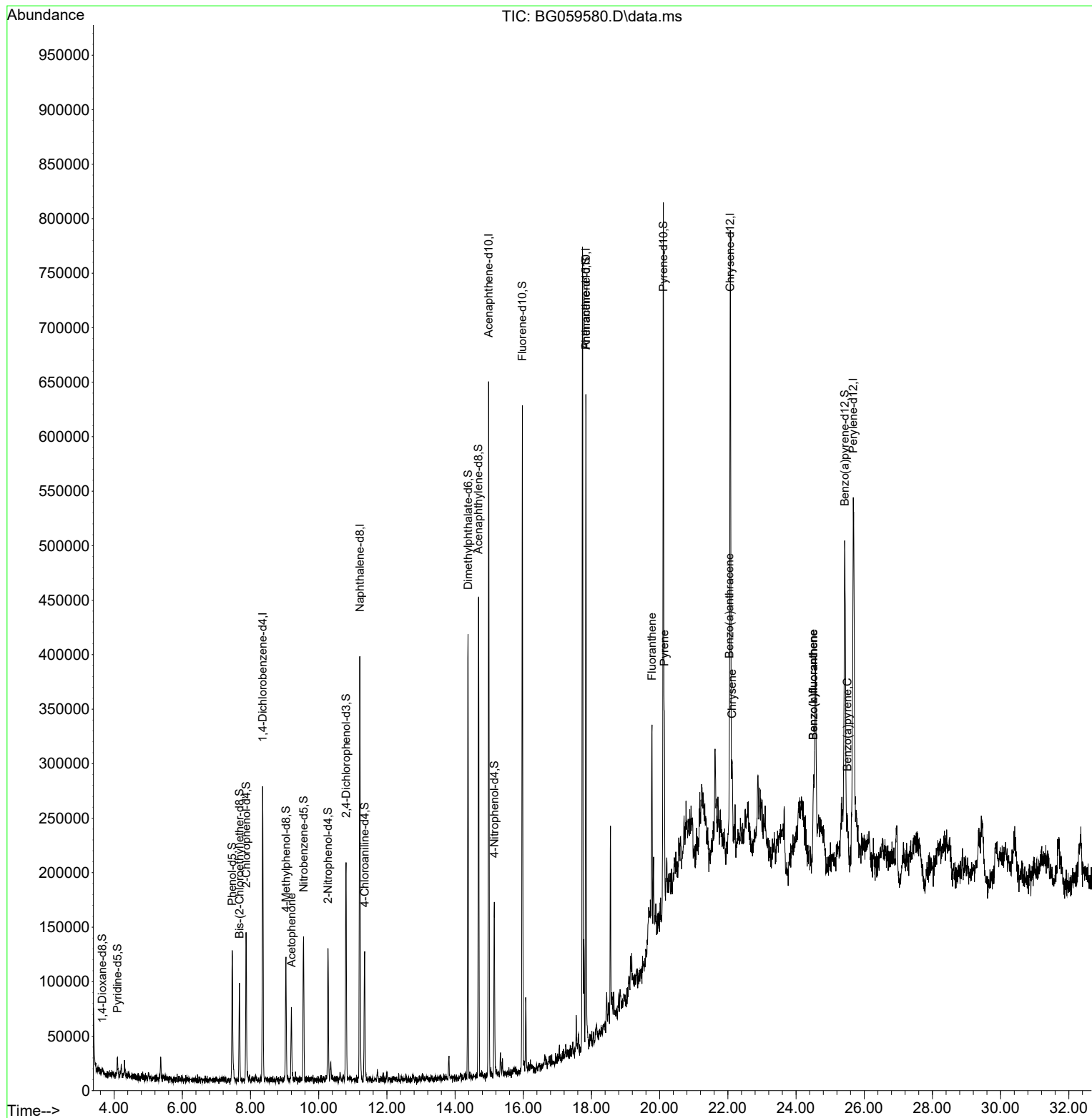
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.358  | 152  | 73657    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.208 | 136  | 351843   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.986 | 164  | 223653   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.835 | 188  | 356481   | 20.000 | ng/ul  | 0.09     |
| 79) Chrysene-d12              | 22.072 | 240  | 331613   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 25.679 | 264  | 368608   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.652  | 96   | 3510     | 1.783  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.098  | 84   | 9053     | 1.646  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.465  | 99   | 78265    | 10.340 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.677  | 67   | 37653    | 10.830 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.871  | 132  | 68273    | 11.118 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.040  | 113  | 45501    | 7.577  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.557  | 128  | 36452    | 14.571 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.274 | 143  | 41309    | 16.084 | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.802 | 165  | 71188    | 12.581 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.349 | 131  | 69600    | 7.472  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.381 | 166  | 263815   | 13.020 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.686 | 160  | 311109   | 13.083 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.150 | 143  | 36605    | 10.535 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.973 | 176  | 238181   | 13.755 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.161 | 200  | 201      | 0.119  | ng/ul  | 0.08     |
| 73) Anthracene-d10            | 17.835 | 188  | 356481   | 18.458 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.109 | 212  | 341567   | 14.819 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.432 | 264  | 307318   | 14.158 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 9.204  | 105  | 37814    | 3.995  | ng/ul  | 89       |
| 80) Fluoranthene              | 19.774 | 202  | 120681   | 4.295  | ng/ul# | 95       |
| 82) Pyrene                    | 20.139 | 202  | 110126   | 3.773  | ng/ul# | 96       |
| 85) Benzo(a)anthracene        | 22.048 | 228  | 56242    | 2.061  | ng/ul  | 98       |
| 87) Chrysene                  | 22.124 | 228  | 48413    | 1.907  | ng/ul  | 93       |
| 90) Benzo(b)fluoranthene      | 24.510 | 252  | 37725    | 1.412  | ng/ul  | 97       |
| 91) Benzo(k)fluoranthene      | 24.510 | 252  | 37640    | 1.410  | ng/ul  | 97       |
| 93) Benzo(a)pyrene            | 25.509 | 252  | 53359    | 2.113  | ng/ul# | 93       |

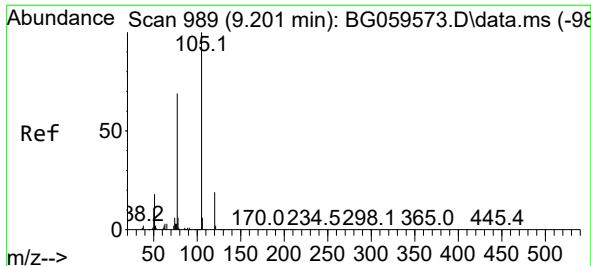
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
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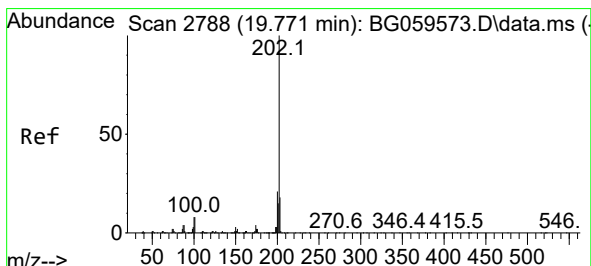
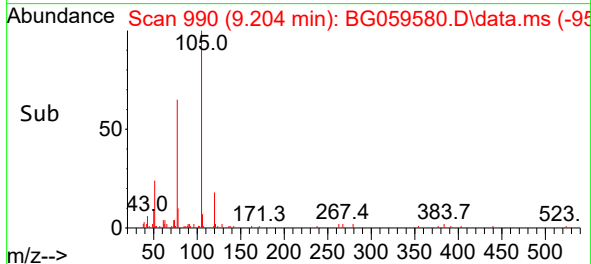
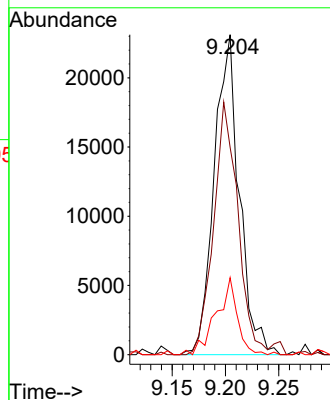
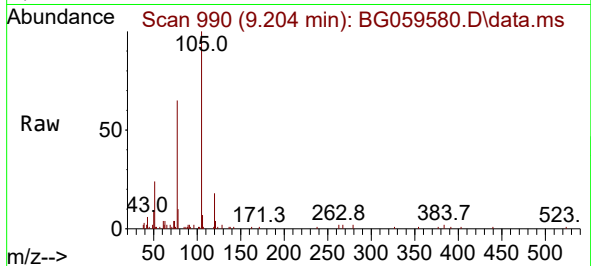




#16  
Acetophenone  
Concen: 3.995 ng/ul  
RT: 9.204 min Scan# 91  
Delta R.T. -0.003 min  
Lab File: BG059580.D  
Acq: 1 Nov 2023 15:20

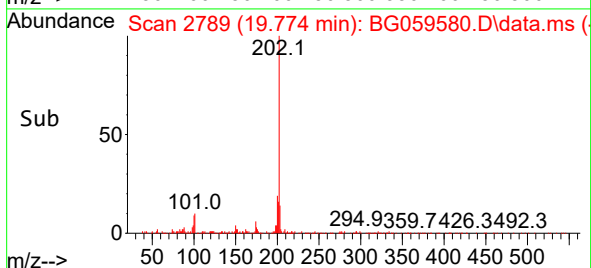
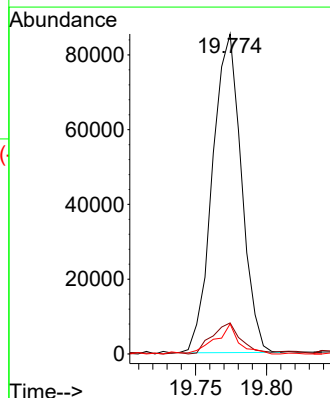
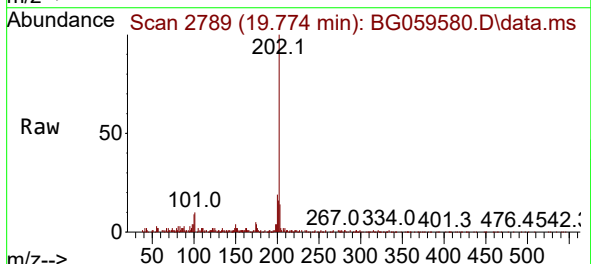
Instrument :  
BNA\_G  
ClientSampleId :  
EOAT1

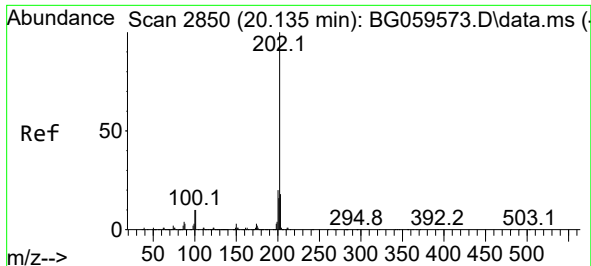
Tgt Ion:105 Resp: 37814  
Ion Ratio Lower Upper  
105 100  
77 64.8 59.6 89.4  
51 24.1 16.2 24.4



#80  
Fluoranthene  
Concen: 4.295 ng/ul  
RT: 19.774 min Scan# 2789  
Delta R.T. -0.003 min  
Lab File: BG059580.D  
Acq: 1 Nov 2023 15:20

Tgt Ion:202 Resp: 120681  
Ion Ratio Lower Upper  
202 100  
101 9.7 7.0 10.6  
100 9.4 5.2 7.8#

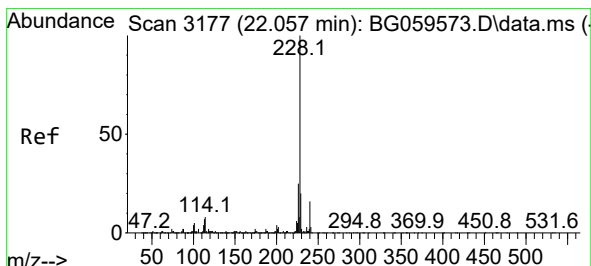
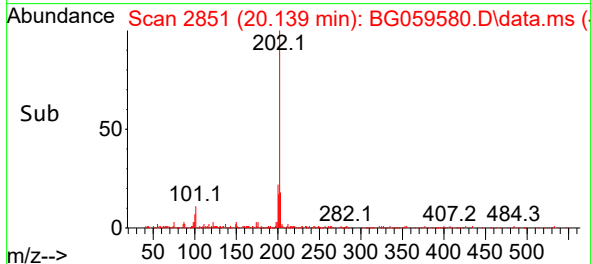
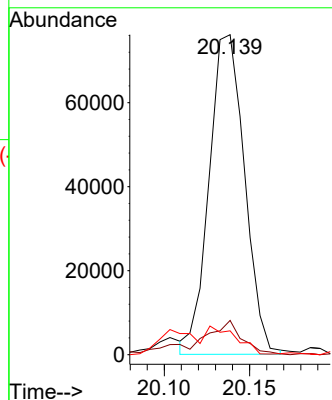
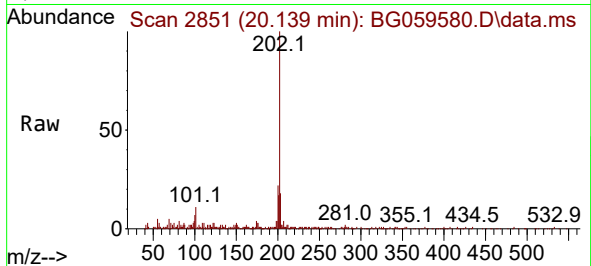




#82  
Pyrene  
Concen: 3.773 ng/ul  
RT: 20.139 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG059580.D  
Acq: 1 Nov 2023 15:20

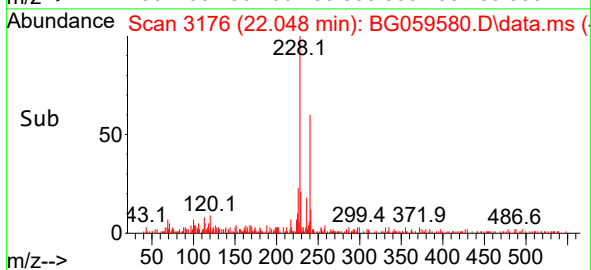
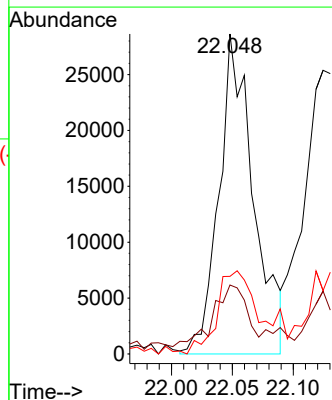
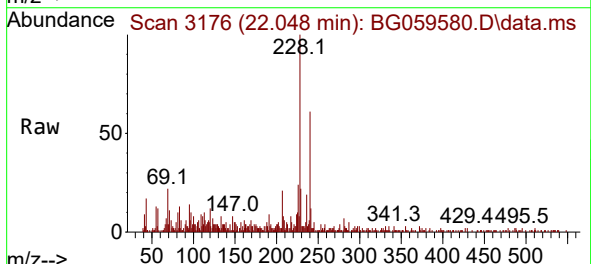
Instrument :  
BNA\_G  
ClientSampleId :  
EOAT1

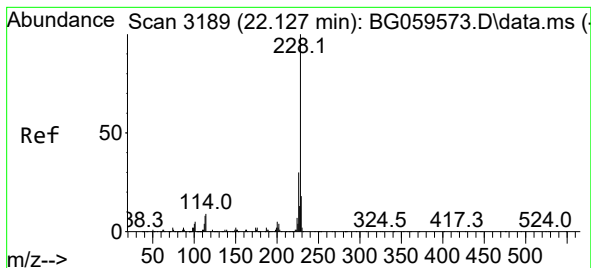
Tgt Ion:202 Resp: 110126  
Ion Ratio Lower Upper  
202 100  
101 10.7 7.9 11.9  
100 7.4 7.9 11.9#



#85  
Benzo(a)anthracene  
Concen: 2.061 ng/ul  
RT: 22.048 min Scan# 3176  
Delta R.T. -0.009 min  
Lab File: BG059580.D  
Acq: 1 Nov 2023 15:20

Tgt Ion:228 Resp: 56242  
Ion Ratio Lower Upper  
228 100  
229 21.6 16.7 25.1  
226 24.3 20.3 30.5





#87

Chrysene

Concen: 1.907 ng/ul

RT: 22.124 min Scan# 3189

Delta R.T. -0.009 min

Lab File: BG059580.D

Acq: 1 Nov 2023 15:20

Instrument :

BNA\_G

ClientSampleId :

EOAT1

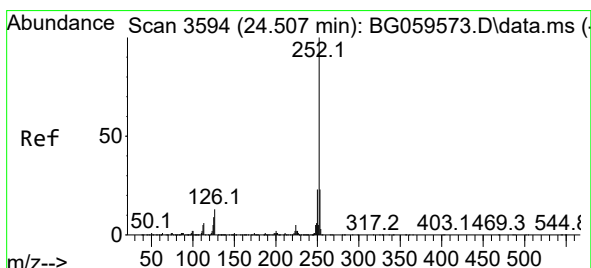
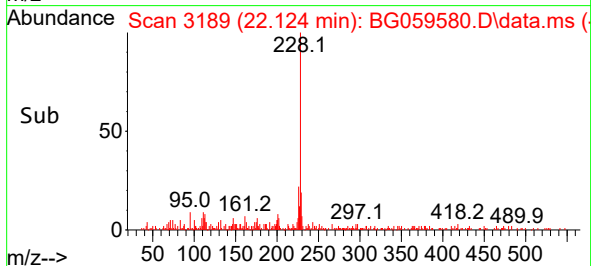
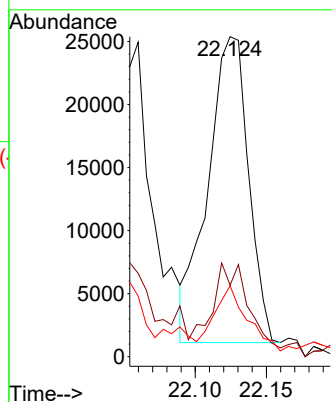
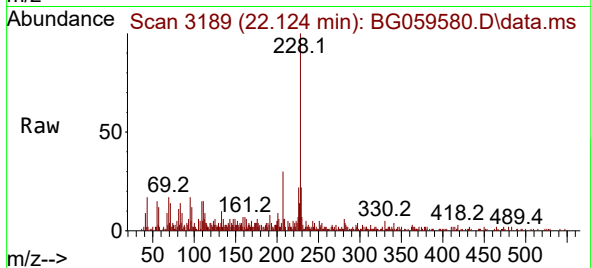
Tgt Ion:228 Resp: 48413

Ion Ratio Lower Upper

228 100

226 22.3 21.0 31.4

229 22.2 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 1.412 ng/ul

RT: 24.510 min Scan# 3595

Delta R.T. -0.015 min

Lab File: BG059580.D

Acq: 1 Nov 2023 15:20

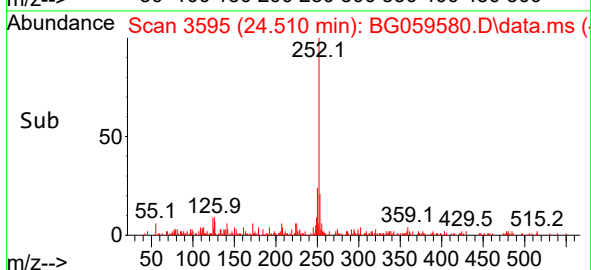
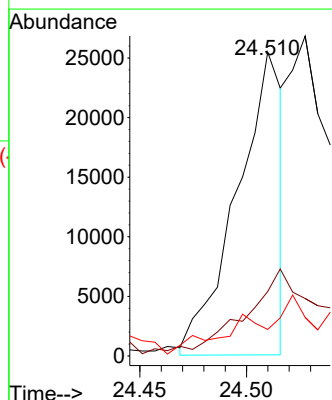
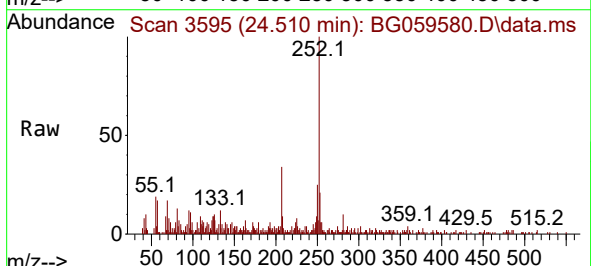
Tgt Ion:252 Resp: 37725

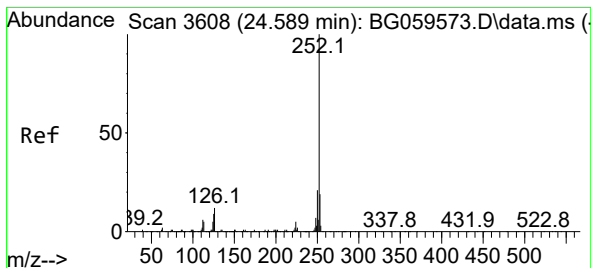
Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

125 8.7 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 1.410 ng/ul

RT: 24.510 min Scan# 3

Delta R.T. -0.091 min

Lab File: BG059580.D

Acq: 1 Nov 2023 15:20

Instrument :

BNA\_G

ClientSampleId :

EOAT1

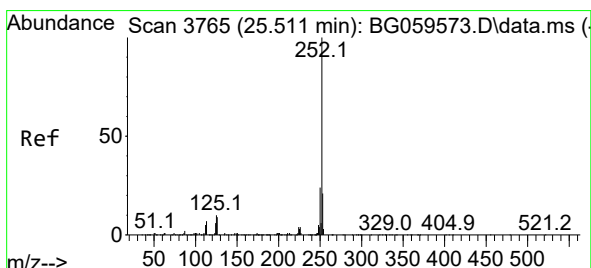
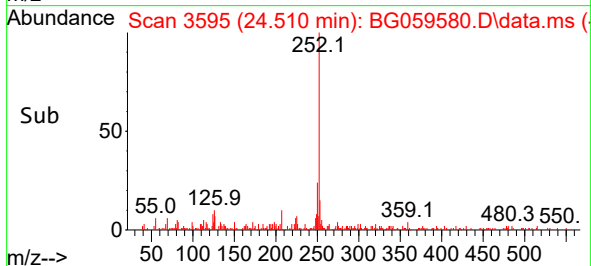
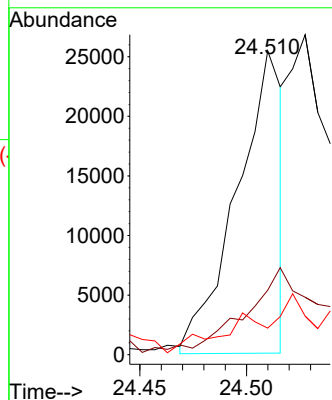
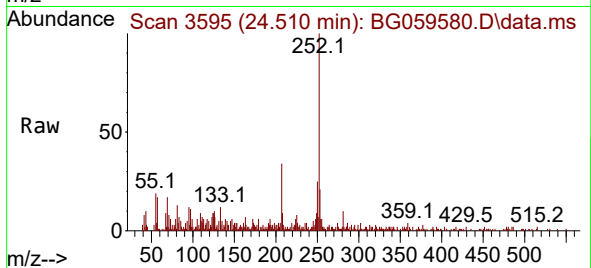
Tgt Ion:252 Resp: 37640

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

125 8.7 7.9 11.9



#93

Benzo(a)pyrene

Concen: 2.113 ng/ul

RT: 25.509 min Scan# 3765

Delta R.T. -0.009 min

Lab File: BG059580.D

Acq: 1 Nov 2023 15:20

Tgt Ion:252 Resp: 53359

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

125 16.8 7.6 11.4#

