

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081021\  
 Data File : BG049766.D  
 Acq On : 10 Aug 2021 21:14  
 Operator : CG/JU  
 Sample : M3182-18  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C00D6

Manual Integrations  
 APPROVED

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 8/11/2021 9:33:01 PM

Quant Time: Aug 11 03:05:54 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 10 16:55:58 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.032  | 152  | 32973    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.858 | 136  | 138660   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.688 | 164  | 95686    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.437 | 188  | 189148   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.720 | 240  | 167123   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.992 | 264  | 173211   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.415  | 96   | 2130m    | 3.020  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.850  | 84   | 16623    | 7.855  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.198  | 99   | 47187    | 15.768 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.357  | 67   | 27383    | 15.930 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.568  | 132  | 35453    | 16.553 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.743  | 113  | 21628    | 9.479  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.207  | 128  | 20885    | 19.121 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.930  | 143  | 24048    | 19.279 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.482 | 165  | 37179    | 15.807 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.987 | 131  | 42131    | 13.085 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.083 | 166  | 142308   | 18.952 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.383 | 160  | 165019   | 18.472 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.894 | 143  | 18194    | 14.986 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.681 | 176  | 121387   | 18.806 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.804 | 200  | 20705m   | 16.264 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.537 | 188  | 164669   | 18.443 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.828 | 212  | 189828   | 20.615 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.769 | 264  | 176367   | 18.583 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 10.905 | 128  | 8820     | 1.218  | ng/ul# | 90       |
| 36) 2-Methylnaphthalene       | 12.520 | 142  | 8021     | 1.447  | ng/ul  | 100      |
| 72) Phenanthrene              | 17.478 | 178  | 23023    | 2.300  | ng/ul  | 94       |
| 80) Fluoranthene              | 19.493 | 202  | 15696    | 1.381  | ng/ul# | 95       |
| 82) Pyrene                    | 19.858 | 202  | 13678    | 1.207  | ng/ul# | 90       |
| -----                         |        |      |          |        |        |          |

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

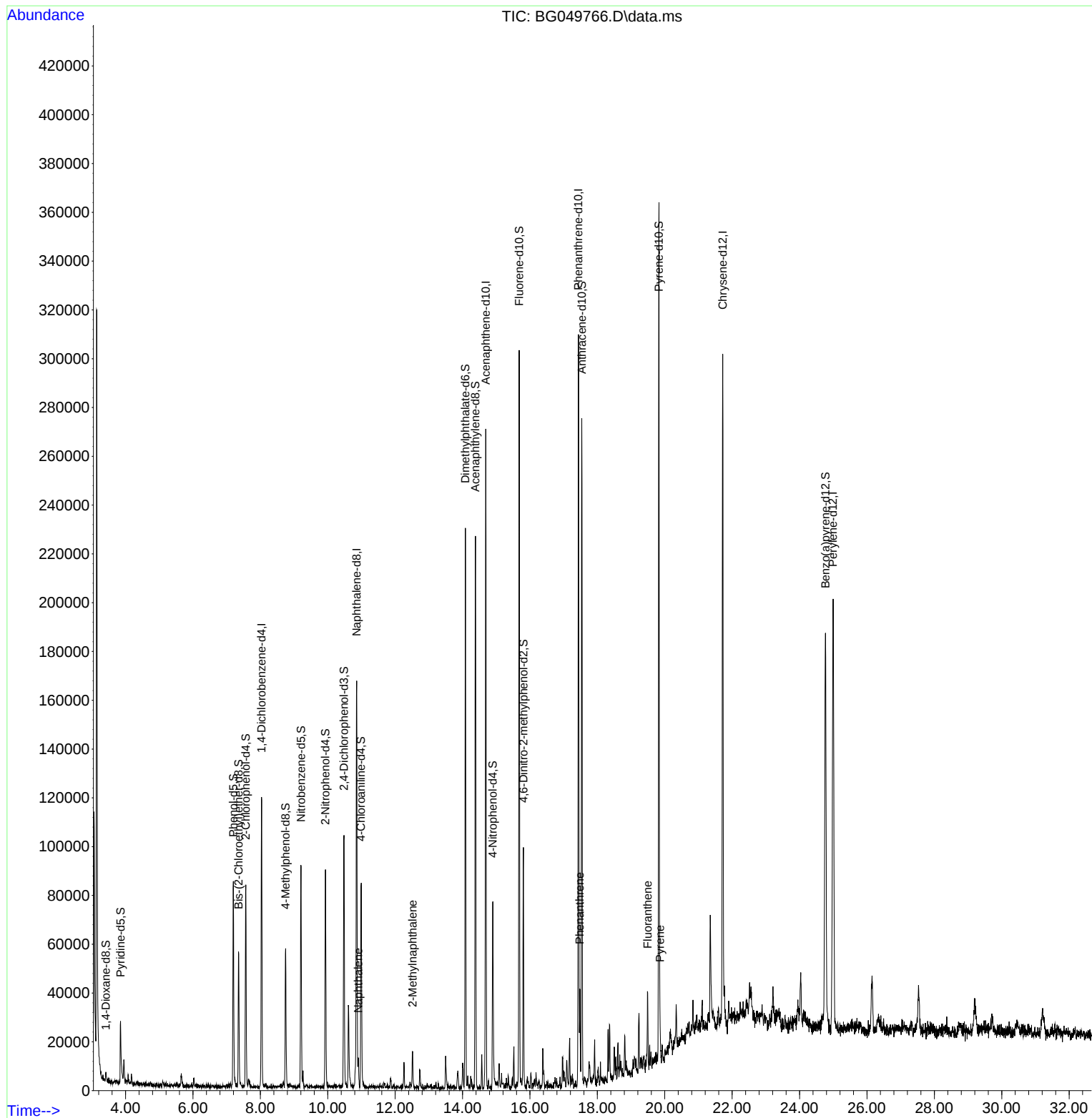
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081021\  
Data File : BG049766.D  
Acq On : 10 Aug 2021 21:14  
Operator : CG/JU  
Sample : M3182-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

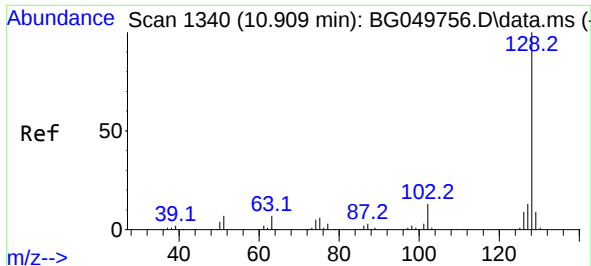
Instrument :  
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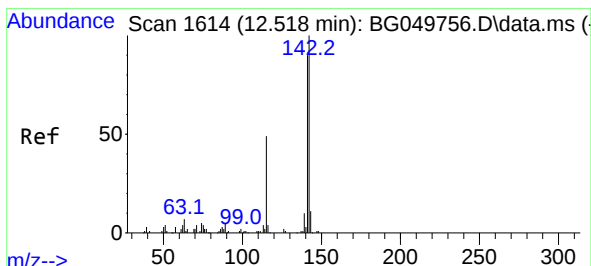
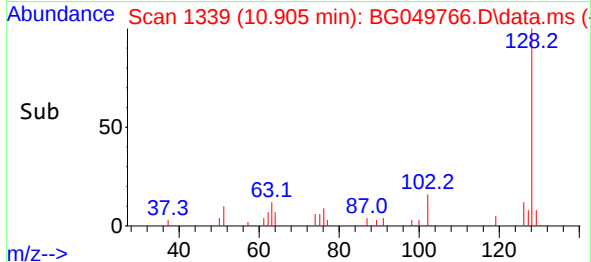
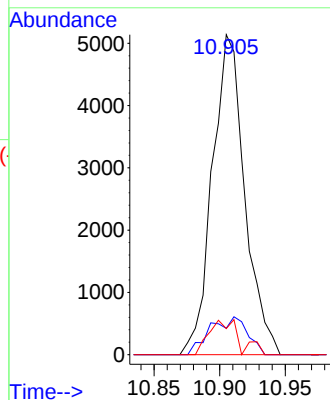
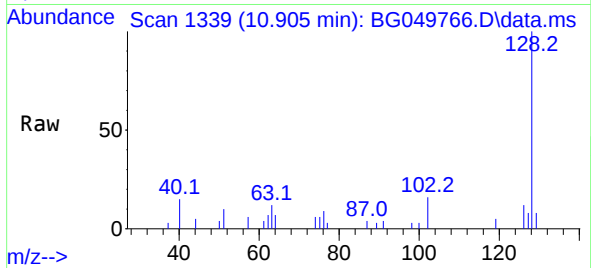
#30  
Naphthalene  
Concen: 1.218 ng/ul  
RT: 10.905 min Scan# 1339  
Delta R.T. -0.004 min  
Lab File: BG049766.D  
Acq: 10 Aug 2021 21:14

Instrument :  
BNA\_G  
ClientSampled :  
C00D6

Tgt Ion:128 Resp: 8820  
Ion Ratio Lower Upper  
128 100  
129 8.3 8.7 13.1#  
127 8.1 10.6 16.0#

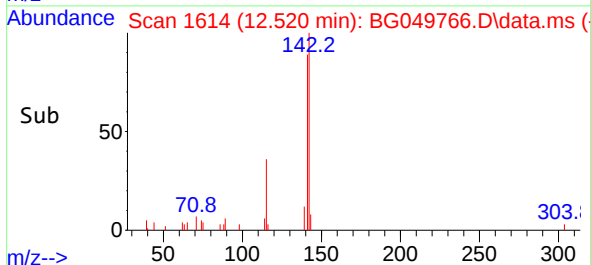
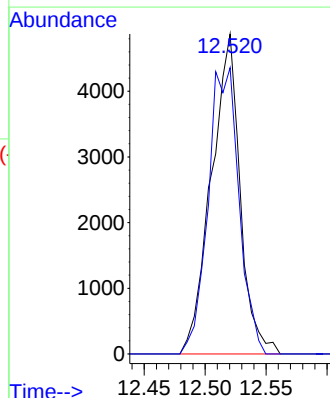
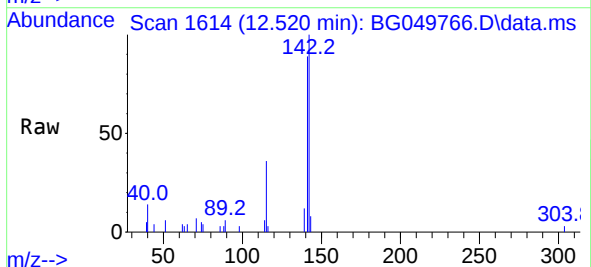
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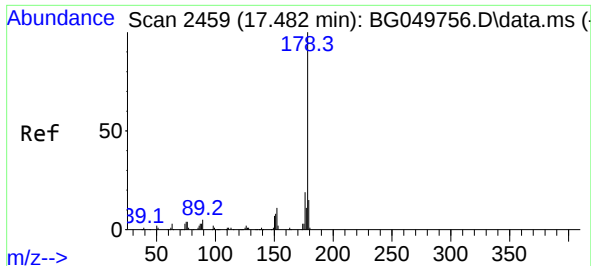
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#36  
2-Methylnaphthalene  
Concen: 1.447 ng/ul  
RT: 12.520 min Scan# 1614  
Delta R.T. 0.002 min  
Lab File: BG049766.D  
Acq: 10 Aug 2021 21:14

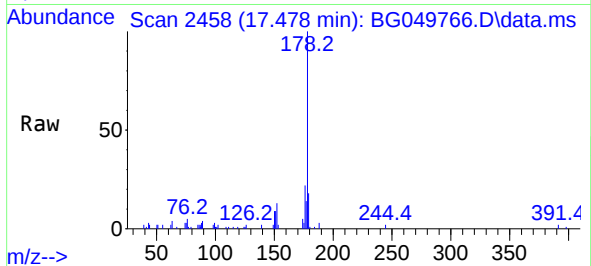
Tgt Ion:142 Resp: 8021  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.8 107.8





#72  
Phenanthrene  
Concen: 2.300 ng/ul  
RT: 17.478 min Scan# 2458  
Delta R.T. -0.004 min  
Lab File: BG049766.D  
Acq: 10 Aug 2021 21:14

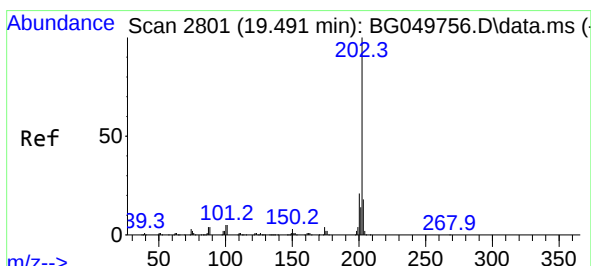
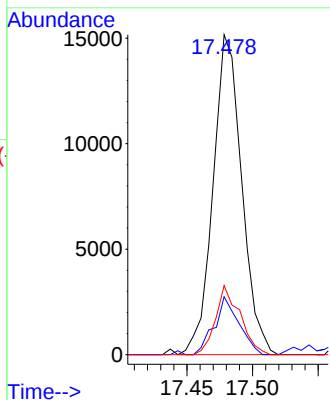
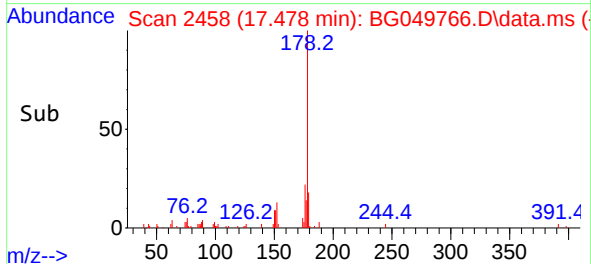
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C00D6



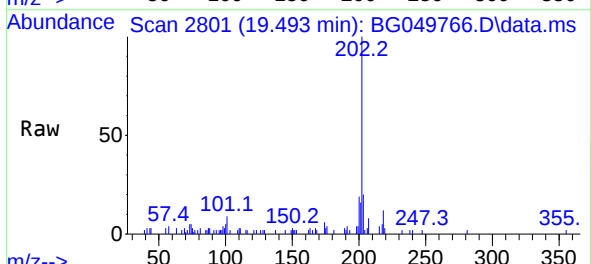
Tgt Ion:178 Resp: 23023  
Ion Ratio Lower Upper  
178 100  
179 18.1 12.4 18.6  
176 21.6 15.4 23.2

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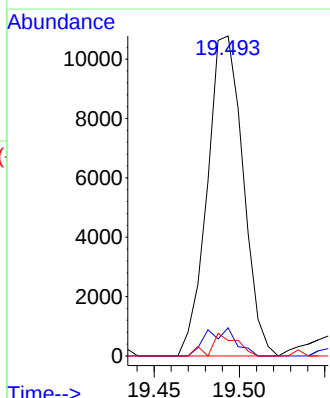
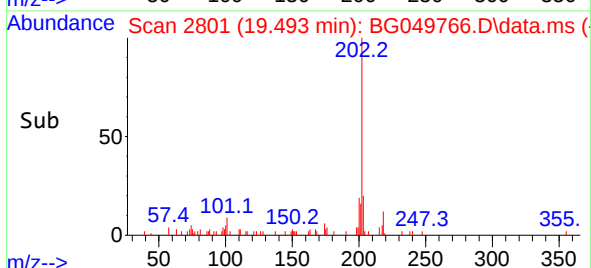
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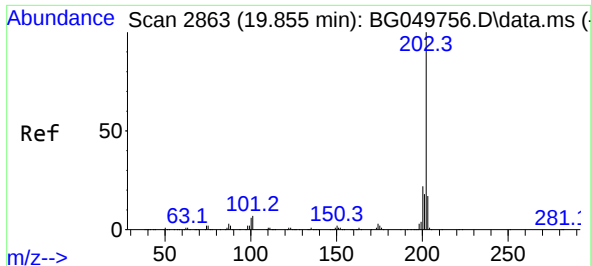


#80  
Fluoranthene  
Concen: 1.381 ng/ul  
RT: 19.493 min Scan# 2801  
Delta R.T. 0.002 min  
Lab File: BG049766.D  
Acq: 10 Aug 2021 21:14



Tgt Ion:202 Resp: 15696  
Ion Ratio Lower Upper  
202 100  
101 8.8 4.8 7.2#  
100 4.9 3.9 5.9





#82  
Pyrene  
Concen: 1.207 ng/ul  
RT: 19.858 min Scan# 2863  
Delta R.T. 0.002 min  
Lab File: BG049766.D  
Acq: 10 Aug 2021 21:14

Tgt Ion: 202 Resp: 13678  
Ion Ratio Lower Upper  
202 100  
101 5.5 5.2 7.8  
100 11.6 4.8 7.2#

Instrument :  
BNA\_G  
ClientSampleId :  
C00D6

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