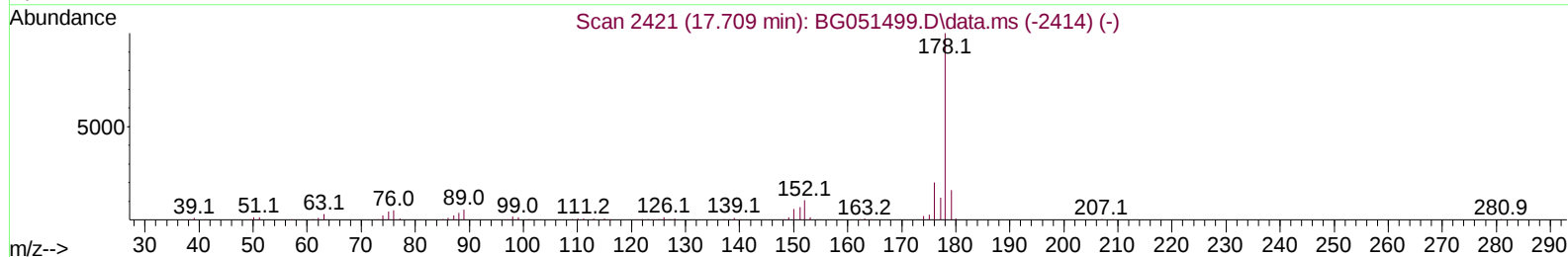
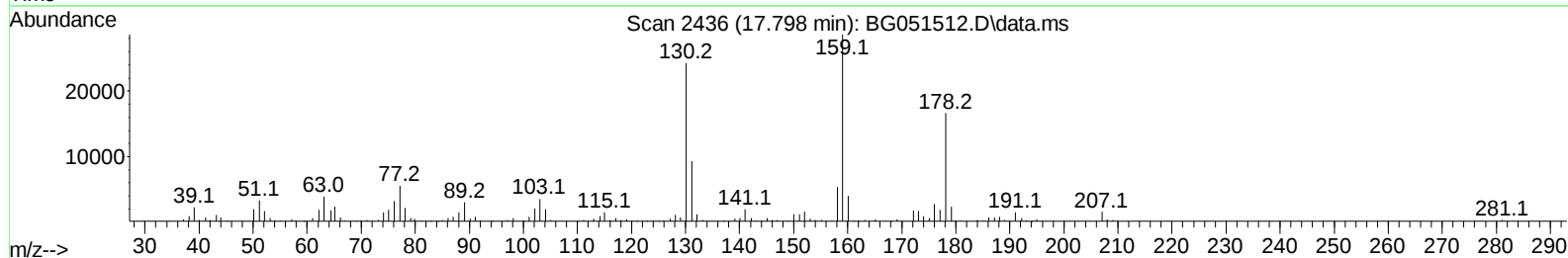
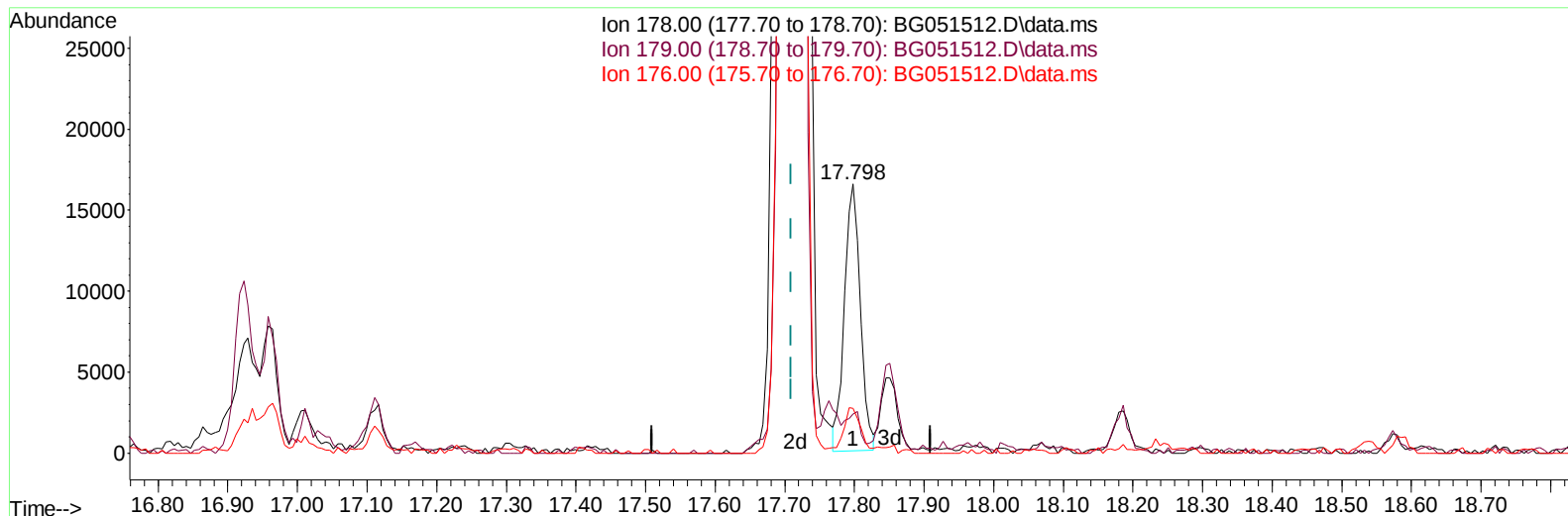


Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051512.D  
Acq On : 14 Dec 2021 20:43  
Operator : CG/JU  
Sample : M5013-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 14 23:49:48 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 14 14:19:57 2021  
Response via : Initial Calibration



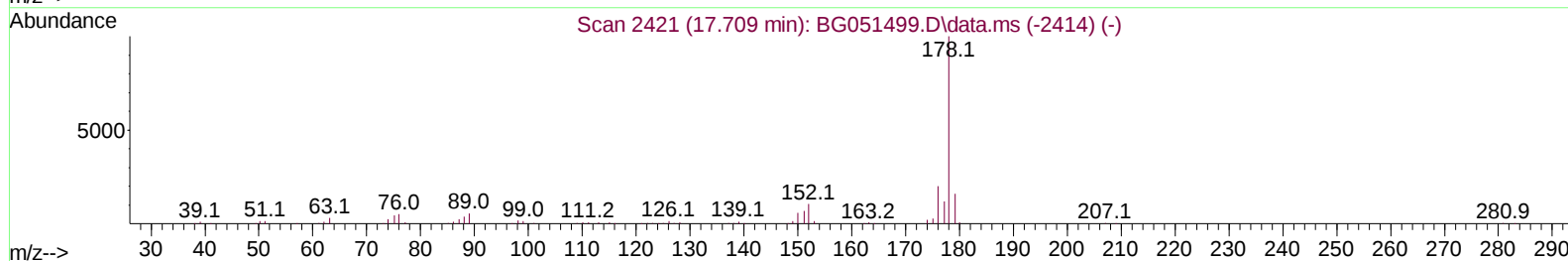
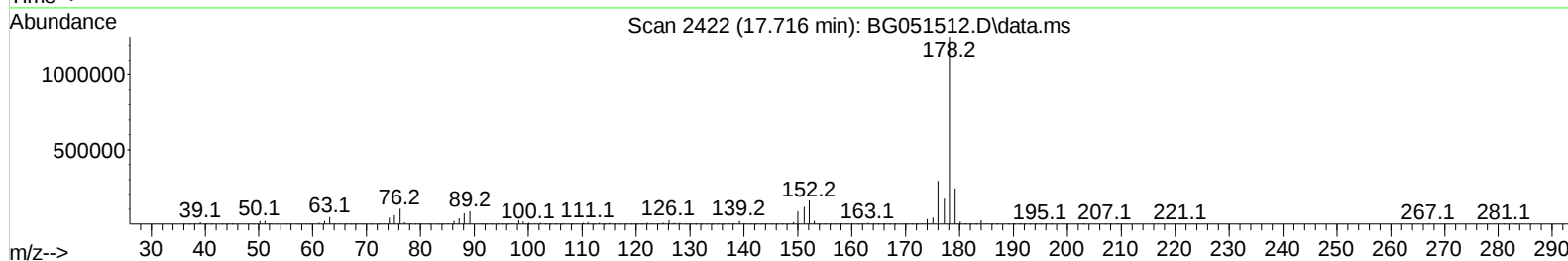
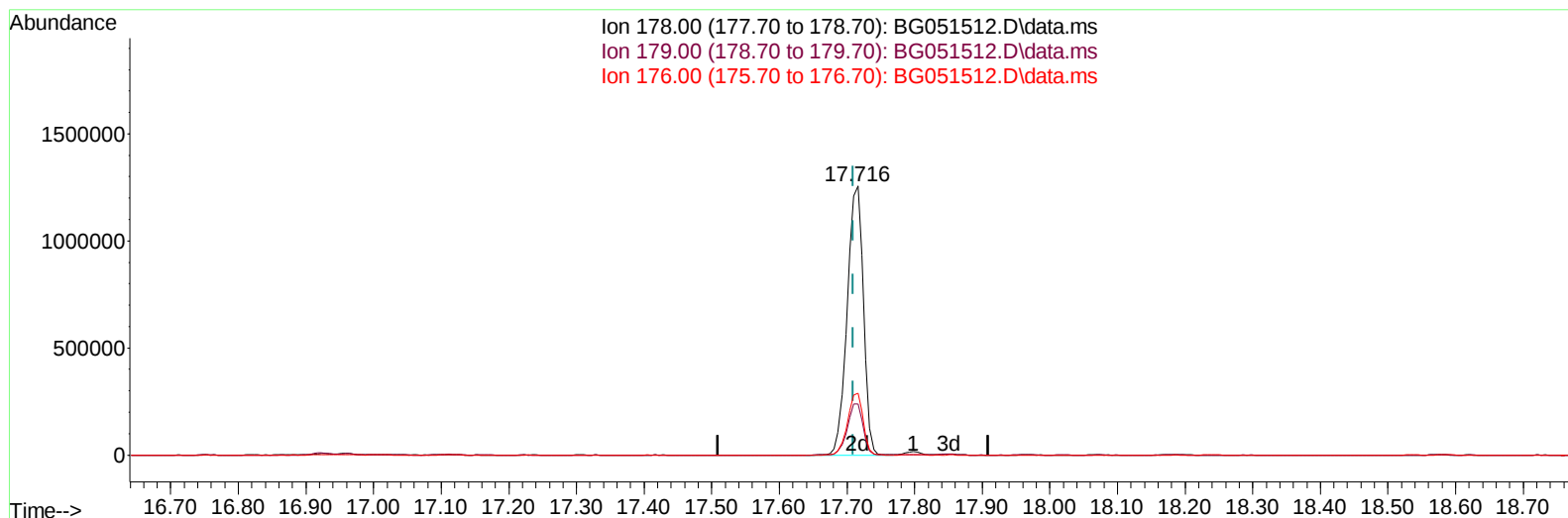
TIC: BG051512.D\data.ms

**(72) Phenanthrene****17.798min (+ 0.089) 1.94 ng/u1****response 26072**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.40  | 14.58  |
| 176.00 | 19.40  | 16.73  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051512.D  
Acq On : 14 Dec 2021 20:43  
Operator : CG/JU  
Sample : M5013-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 14 23:49:48 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 14 14:19:57 2021  
Response via : Initial Calibration



TIC: BG051512.D\data.ms

**(72) Phenanthrene**

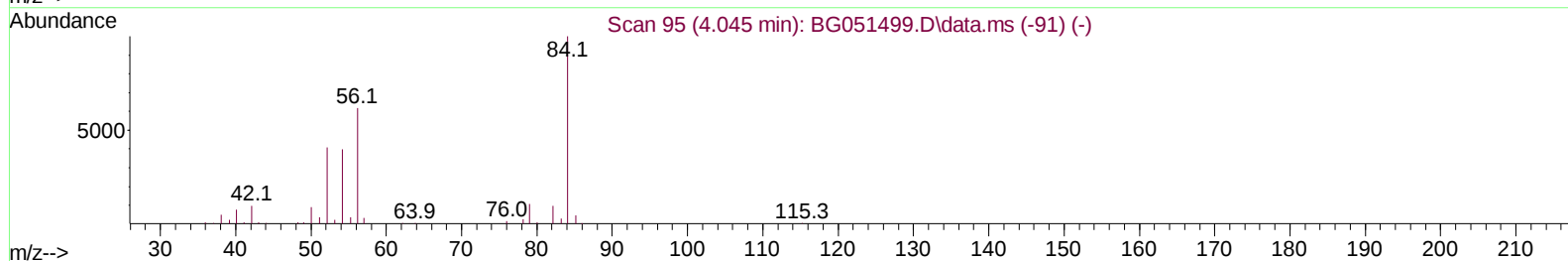
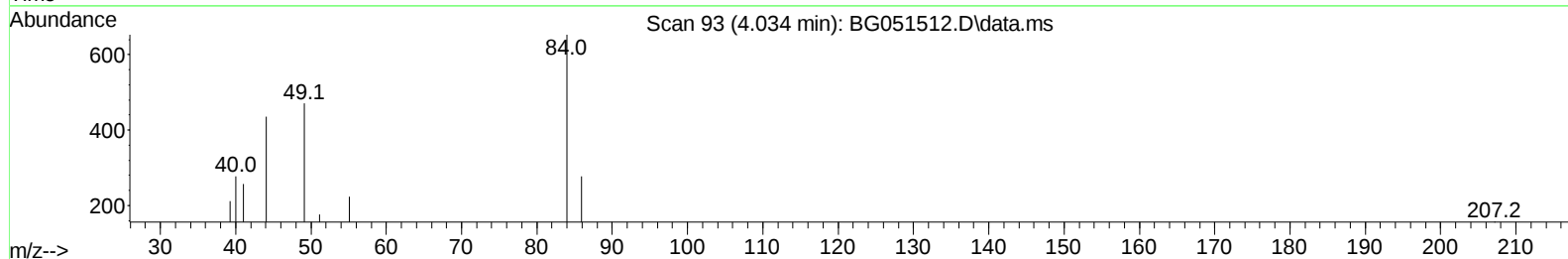
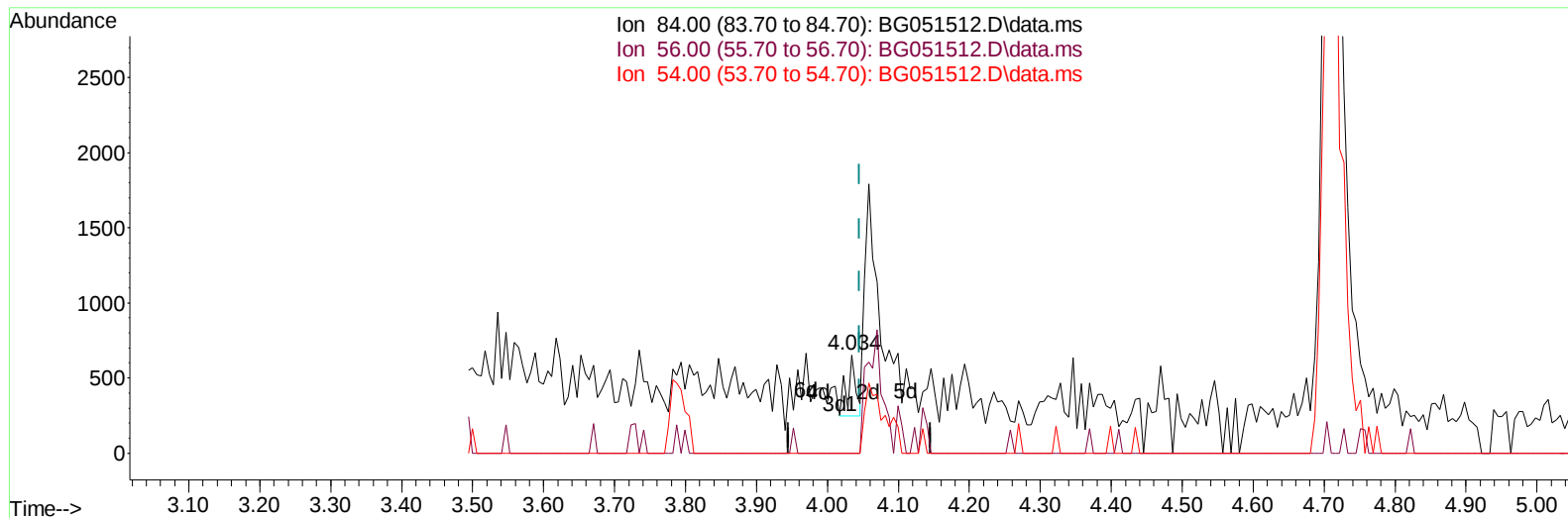
**17.716min (+ 0.007) 156.43 ng/ul m**

**response 2097408**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.40  | 18.97# |
| 176.00 | 19.40  | 23.08  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051512.D  
 Acq On : 14 Dec 2021 20:43  
 Operator : CG/JU  
 Sample : M5013-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 14 23:49:48 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 14 14:19:57 2021  
 Response via : Initial Calibration



TIC: BG051512.D\data.ms

**(4) Pyridine-d5 (S)**

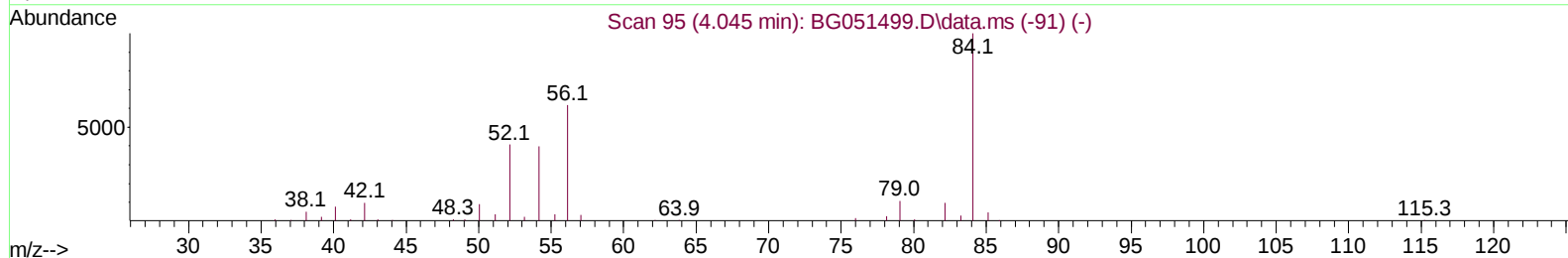
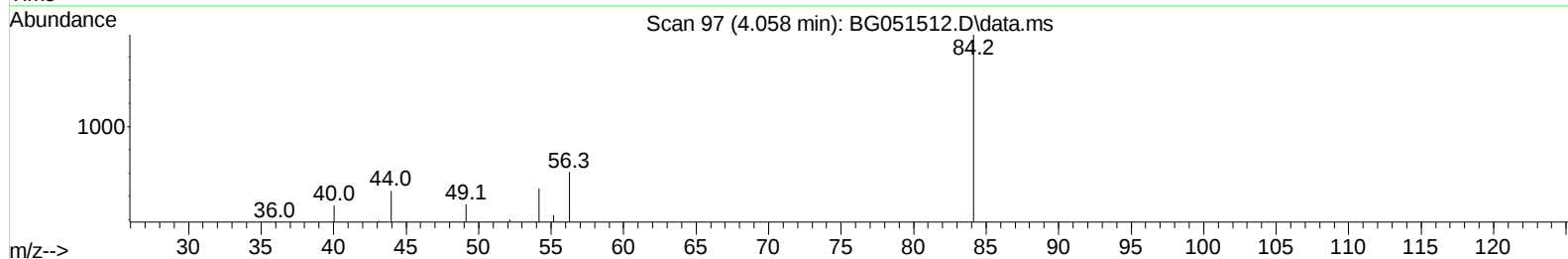
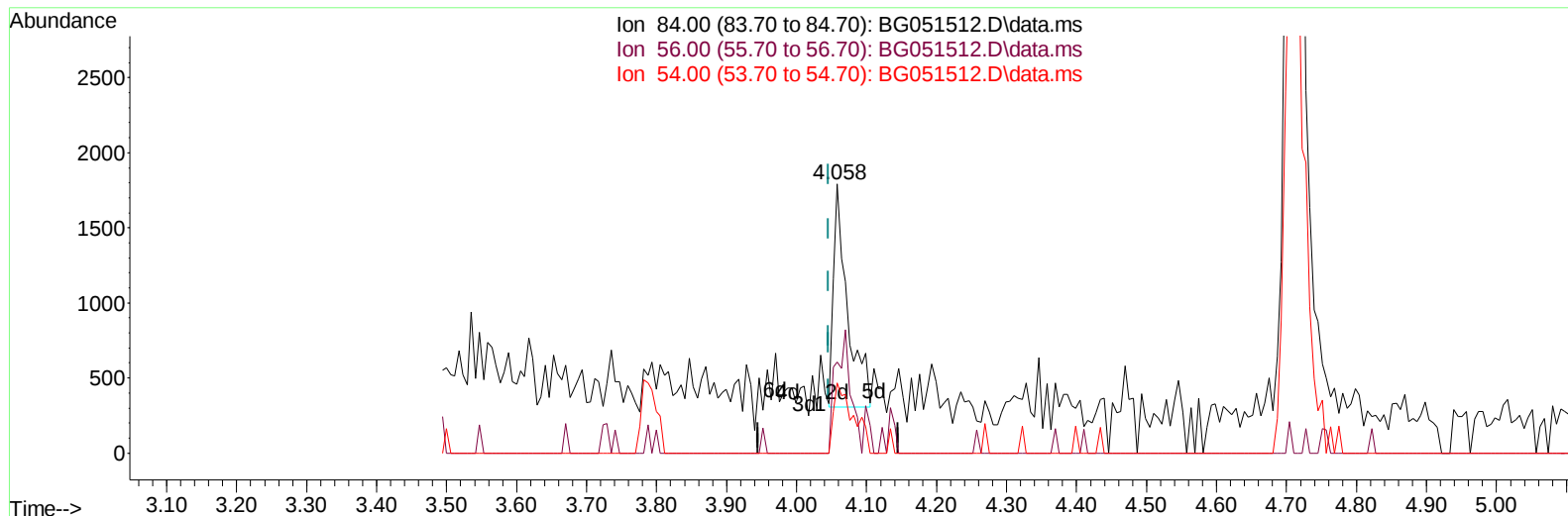
4.034min (-0.011) 0.12 ng/u1

response 334

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 68.00  | 0.00#  |
| 54.00 | 31.50  | 0.00#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051512.D  
Acq On : 14 Dec 2021 20:43  
Operator : CG/JU  
Sample : M5013-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 14 23:49:48 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 14 14:19:57 2021  
Response via : Initial Calibration



TIC: BG051512.D\data.ms

**(4) Pyridine-d5 (S)**

4.058min (+ 0.013) 0.74 ng/ul m

response 2093

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 68.00  | 33.89# |
| 54.00 | 31.50  | 25.96  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051512.D  
 Acq On : 14 Dec 2021 20:43  
 Operator : CG/JU  
 Sample : M5013-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 14 23:49:48 2021  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| -----                         |        |      |          |          |        |          |
| Internal Standards            |        |      |          |          |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.282  | 152  | 38738    | 20.000   | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.148 | 136  | 154917   | 20.000   | ng/ul  | 0.02     |
| 38) Acenaphthene-d10          | 14.920 | 164  | 111642   | 20.000   | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.663 | 188  | 260675   | 20.000   | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.981 | 240  | 273848   | 20.000   | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 25.482 | 264  | 265607   | 20.000   | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |          |        |          |
| 3) 1,4-Dioxane-d8             | 3.606  | 96   | 3476     | 3.727    | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.058  | 84   | 2093m    | 0.743    | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.412  | 99   | 41796    | 12.084   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.588  | 67   | 63391    | 30.830   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.806  | 132  | 69469    | 28.878   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.975  | 113  | 60847    | 22.759   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.451  | 128  | 41025    | 36.120   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.191 | 143  | 42713    | 34.401   | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.737 | 165  | 80311    | 29.828   | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.248 | 131  | 34088    | 9.616    | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.315 | 166  | 263676   | 29.508   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.614 | 160  | 332882   | 29.995   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.084 | 143  | 18425    | 12.680   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.907 | 176  | 242398   | 30.278   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.006 | 200  | 47947    | 35.303   | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.763 | 188  | 394304   | 31.709   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.036 | 212  | 516795   | 31.356   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.241 | 264  | 470005   | 33.631   | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |          |        |          |
|                               |        |      |          |          | Qvalue |          |
| 16) Acetophenone              | 9.110  | 105  | 15759    | 3.752    | ng/ul  | 96       |
| 30) Naphthalene               | 11.242 | 128  | 12532908 | 1501.630 | ng/ul# | 18       |
| 36) 2-Methylnaphthalene       | 12.793 | 142  | 4274932  | 717.954  | ng/ul  | 96       |
| 37) 1-Methylnaphthalene       | 12.999 | 142  | 2521964  | 407.922  | ng/ul# | 97       |
| 43) 1,1'-Biphenyl             | 13.757 | 154  | 840239   | 98.252   | ng/ul# | 97       |
| 52) Acenaphthene              | 14.996 | 153  | 2755523  | 384.142  | ng/ul# | 89       |
| 56) Dibenzofuran              | 15.325 | 168  | 2251289  | 213.108  | ng/ul  | 92       |
| 61) Fluorene                  | 15.965 | 166  | 1342085  | 154.185  | ng/ul  | 97       |
| 72) Phenanthrene              | 17.716 | 178  | 2097408m | 156.433  | ng/ul  |          |
| 74) Anthracene                | 17.798 | 178  | 26072    | 1.925    | ng/ul  | 95       |
| 77) Carbazole                 | 18.063 | 167  | 1351002  | 111.386  | ng/ul  | 97       |
| 80) Fluoranthene              | 19.701 | 202  | 189074   | 9.994    | ng/ul# | 91       |
| 82) Pyrene                    | 20.066 | 202  | 78126    | 4.173    | ng/ul# | 85       |
| -----                         |        |      |          |          |        |          |

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

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