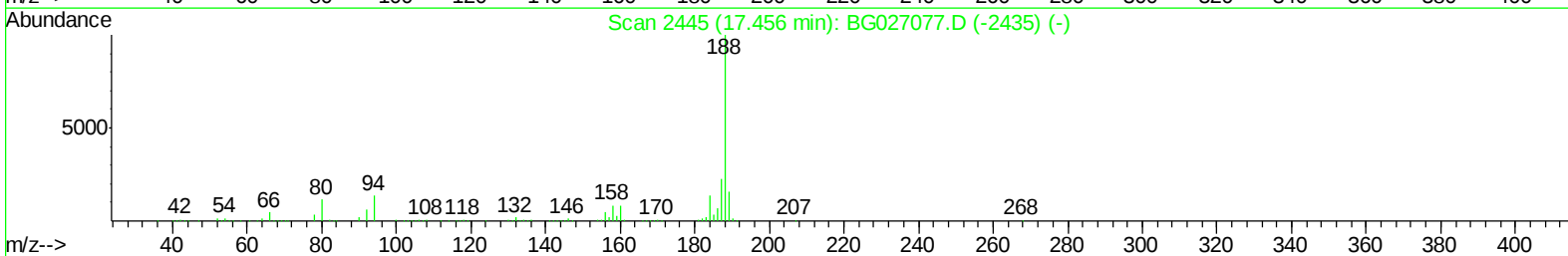
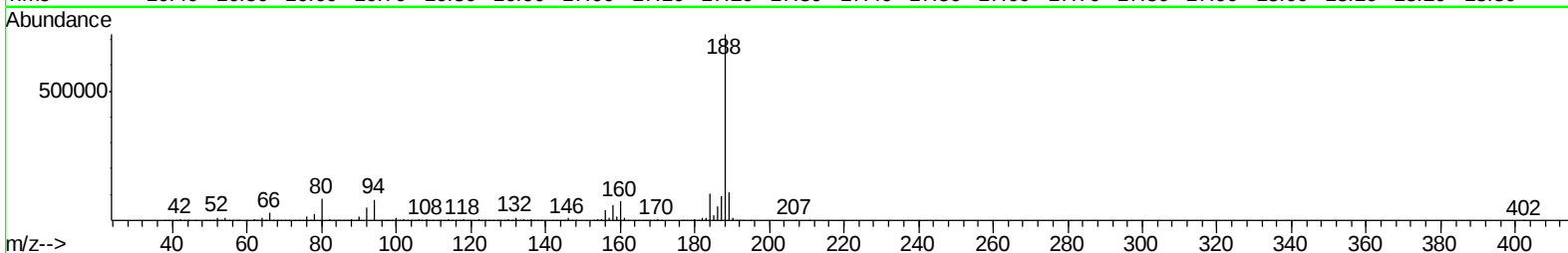
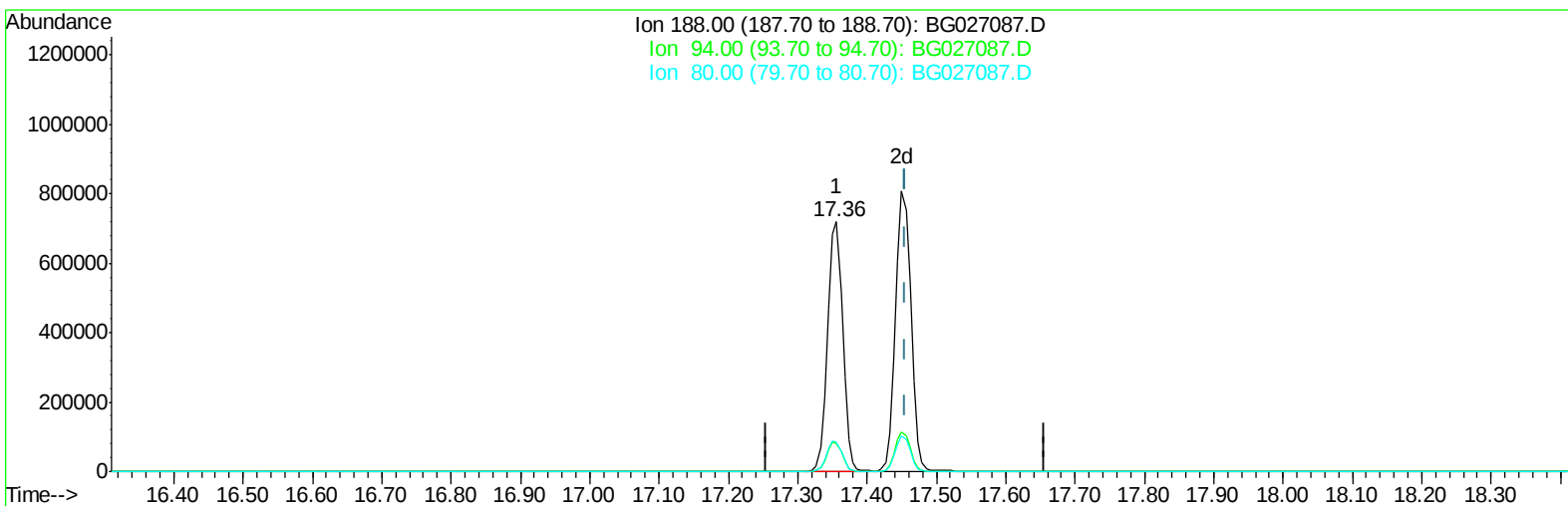


Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052317\  
Data File : BG027087.D  
Acq On : 23 May 2017 10:01  
Operator : SJ/MA  
Sample : I3276-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 23 11:13:26 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 23 04:05:03 2017  
Response via : Initial Calibration



TIC: BG027087.D

(14) Anthracene-d10 (S)

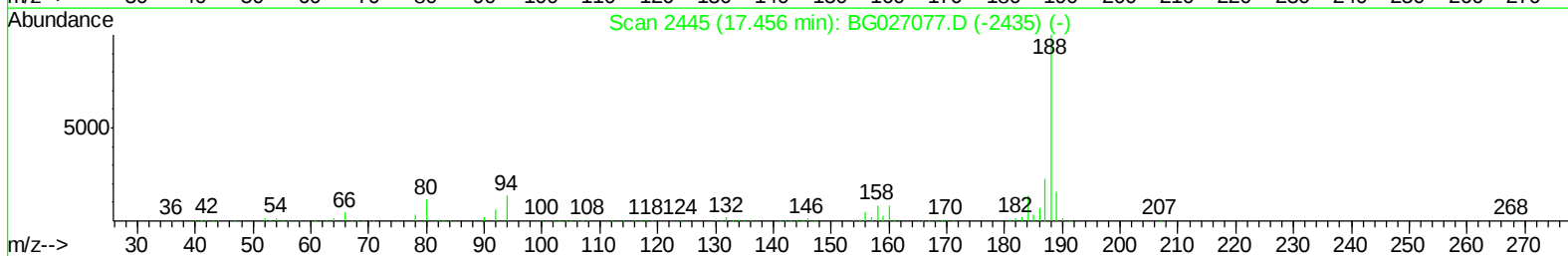
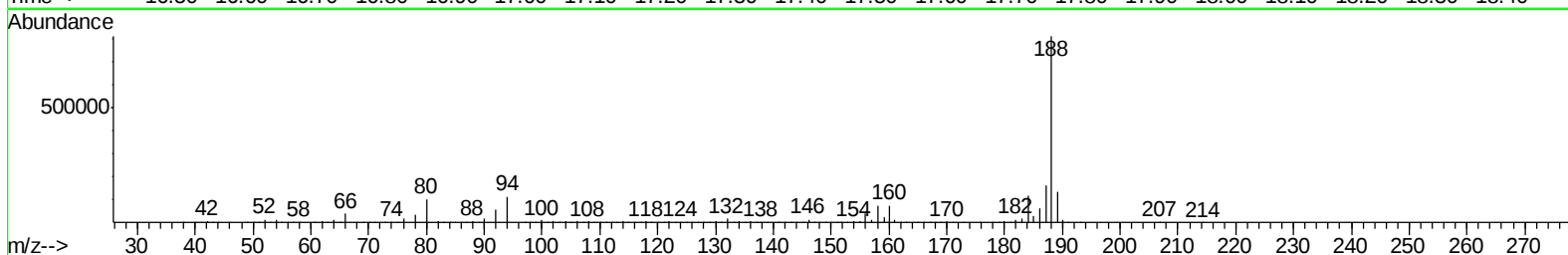
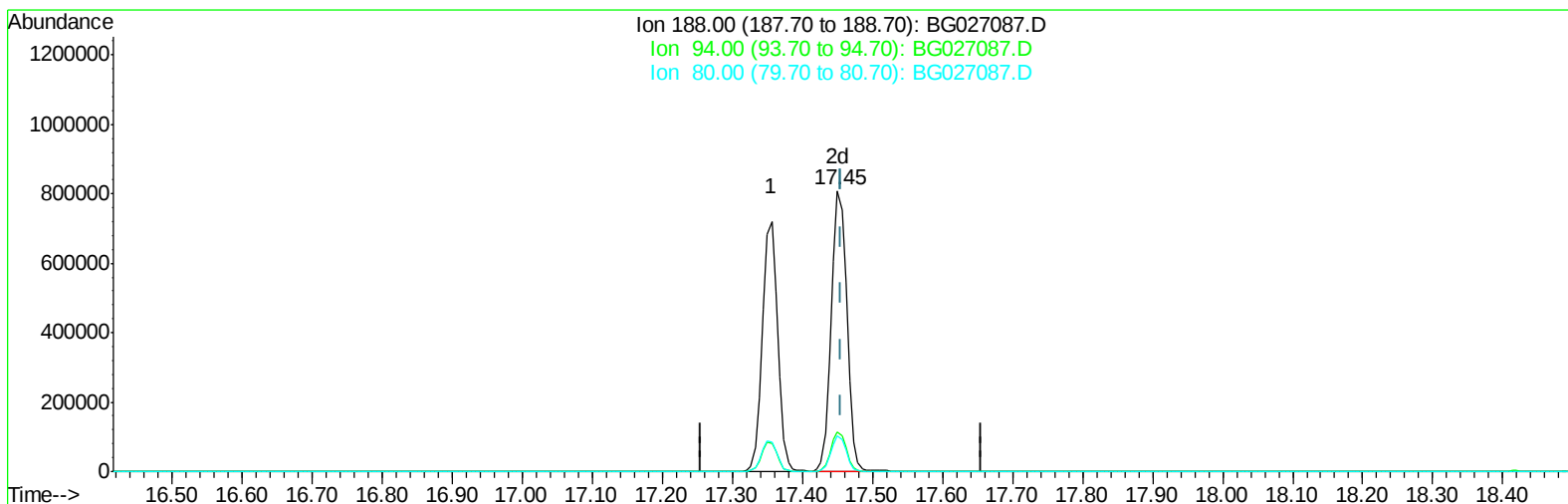
17.356min (-0.100) 20.51ng/ul

response 1092477

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.10 | 11.31 |
| 80.00  | 11.80 | 11.66 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052317\  
Data File : BG027087.D  
Acq On : 23 May 2017 10:01  
Operator : SJ/MA  
Sample : I3276-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 23 11:13:26 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 23 04:05:03 2017  
Response via : Initial Calibration



TIC: BG027087.D

(14) Anthracene-d10 (S)

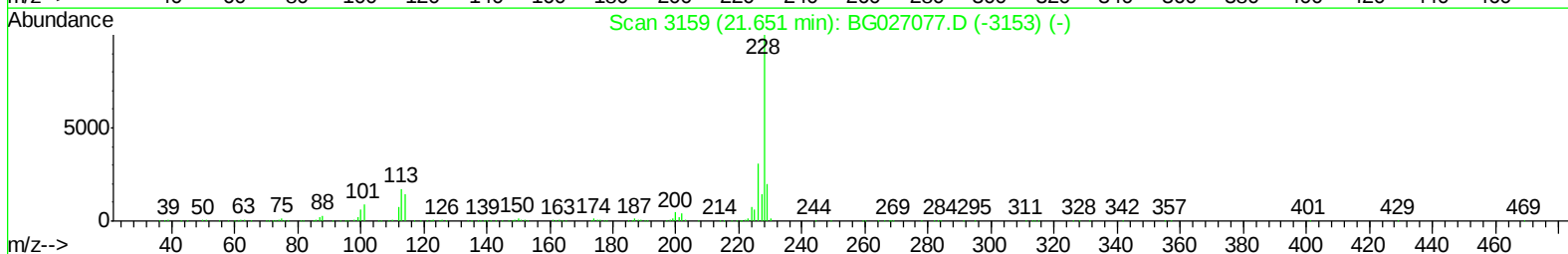
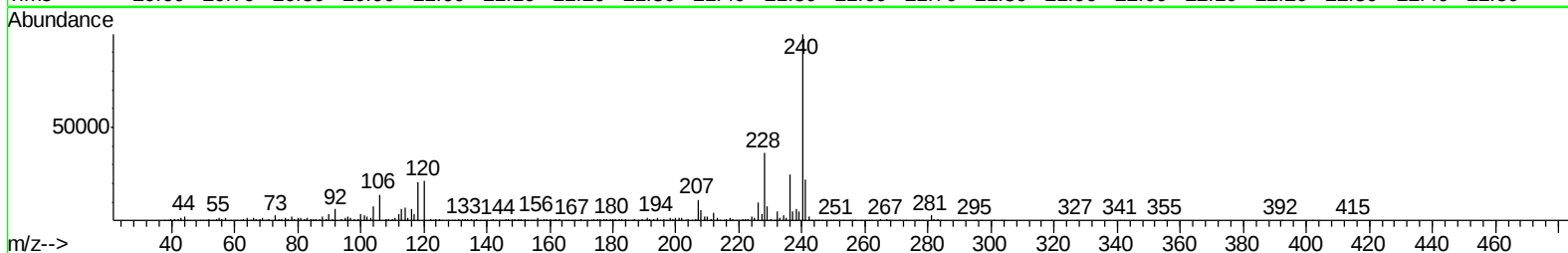
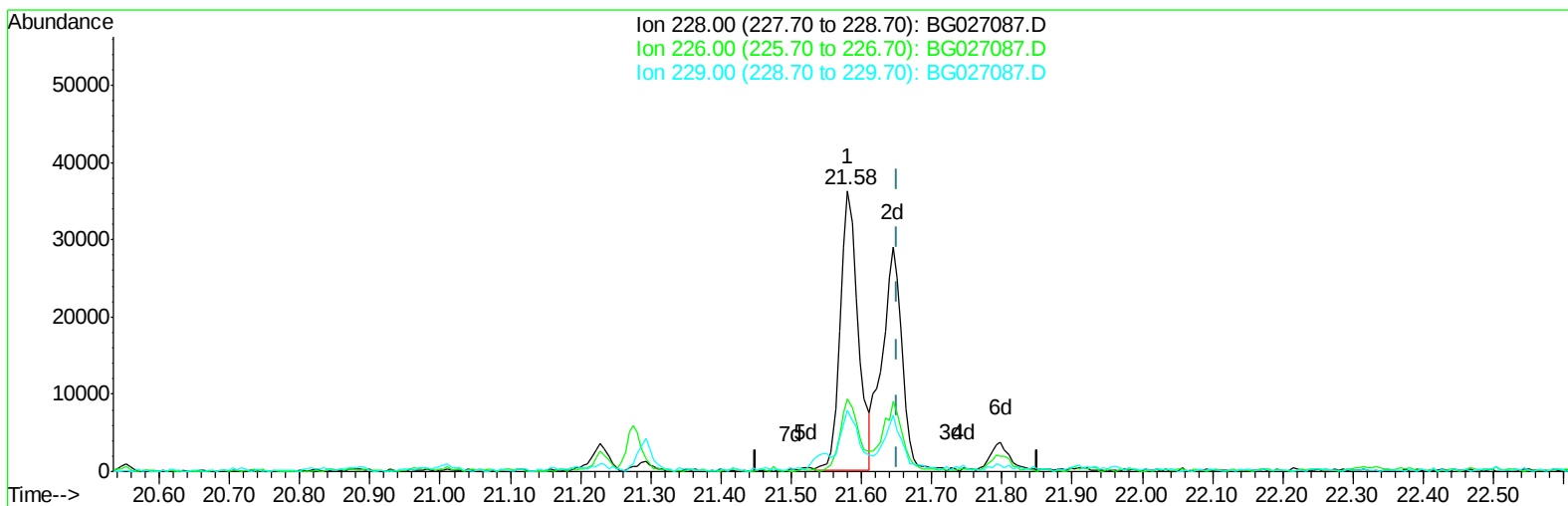
17.450min (-0.006) 23.54ng/ul m

response 1254099

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.10 | 14.00# |
| 80.00  | 11.80 | 12.54  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052317\  
Data File : BG027087.D  
Acq On : 23 May 2017 10:01  
Operator : SJ/MA  
Sample : I3276-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 23 11:13:26 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 23 04:05:03 2017  
Response via : Initial Calibration



TIC: BG027087.D

(21) Chrysene

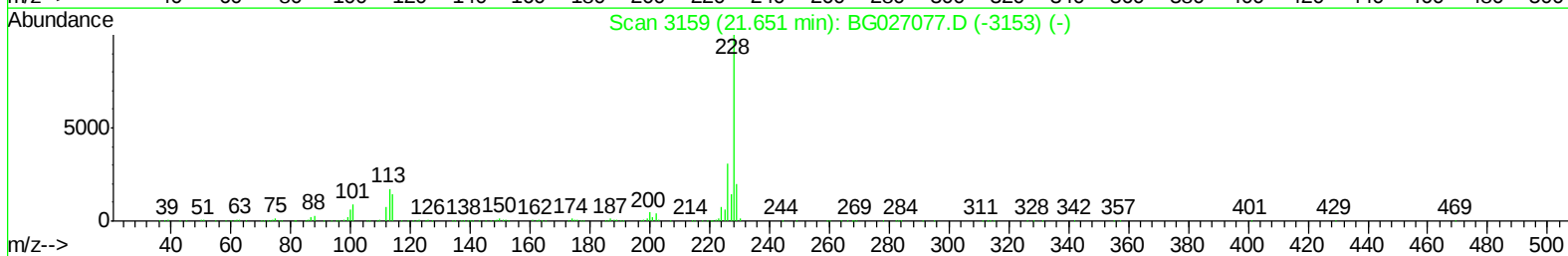
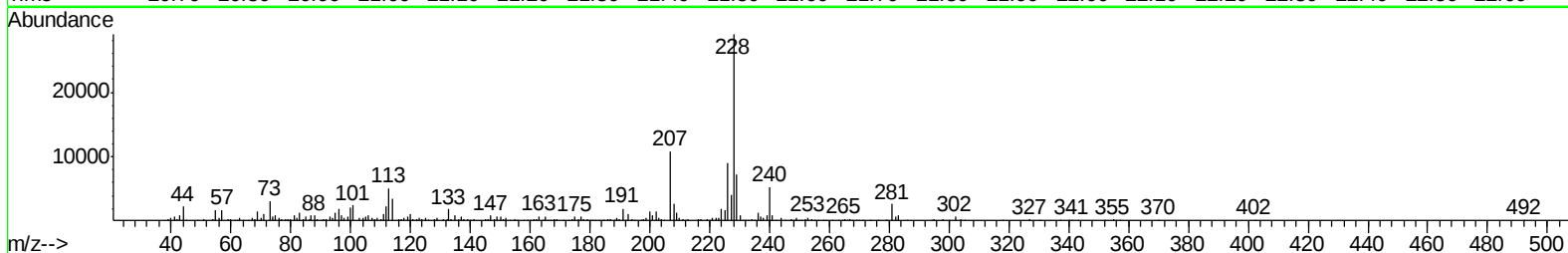
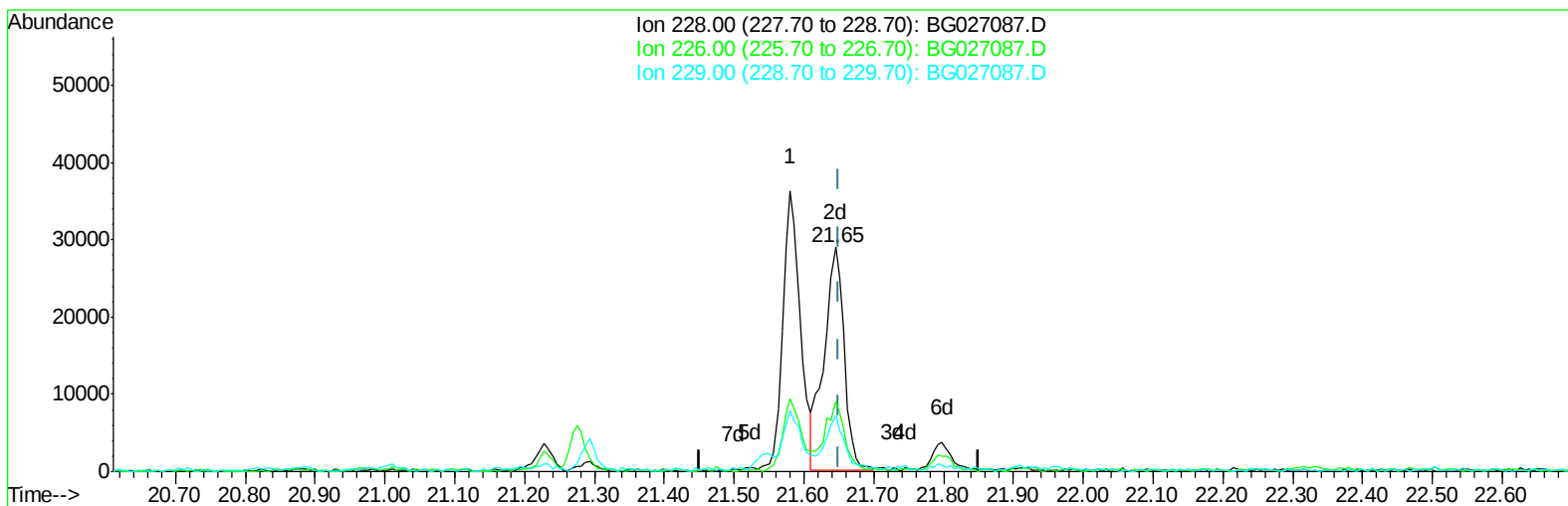
21.580min (-0.070) 1.17ng/ul

response 63538

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.60 | 25.91 |
| 229.00 | 19.80 | 21.77 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052317\  
Data File : BG027087.D  
Acq On : 23 May 2017 10:01  
Operator : SJ/MA  
Sample : I3276-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 23 11:13:26 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 23 04:05:03 2017  
Response via : Initial Calibration



TIC: BG027087.D

(21) Chrysene

21.645min (-0.006) 1.06ng/ul m

response 57575

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.60 | 31.31  |
| 229.00 | 19.80 | 25.14# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052317\  
 Data File : BG027087.D  
 Acq On : 23 May 2017 10:01  
 Operator : SJ/MA  
 Sample : I3276-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 23 11:18:14 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 23 04:05:03 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 248501   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.80 | 136  | 1146637  | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.62 | 164  | 590235   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 17.36 | 188  | 1092477  | 20.00 | ng/ul  | 0.00      |
| 17) Chrysene-d12            | 21.60 | 240  | 985563   | 20.00 | ng/ul  | 0.00      |
| 22) Perylene-d12            | 24.77 | 264  | 849562   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 7) Acenaphthylene-d8        | 14.31 | 160  | 1522536  | 25.15 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 15.61 | 176  | 973278   | 24.10 | ng/ul  | 0.00      |
| 14) Anthracene-d10          | 17.45 | 188  | 1254099m | 23.54 | ng/ul  | 0.00      |
| 18) Pyrene-d10              | 19.74 | 212  | 1284804  | 24.97 | ng/ul  | 0.00      |
| 25) Benzo(a)pyrene-d12      | 24.55 | 264  | 1148121  | 27.20 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 13) Phenanthrene            | 17.40 | 178  | 90287    | 1.48  | ng/ul  | Qvalue 96 |
| 16) Fluoranthene            | 19.40 | 202  | 154832   | 2.48  | ng/ul# | 91        |
| 19) Pyrene                  | 19.76 | 202  | 128470   | 1.99  | ng/ul# | 88        |
| 20) Benzo(a)anthracene      | 21.58 | 228  | 63848    | 1.08  | ng/ul  | 97        |
| 21) Chrysene                | 21.65 | 228  | 57575m   | 1.06  | ng/ul  |           |
| 23) Benzo(b)fluoranthene    | 23.76 | 252  | 78790    | 1.56  | ng/ul# | 92        |
| 26) Benzo(a)pyrene          | 24.61 | 252  | 50645    | 1.03  | ng/ul# | 88        |

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

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052317\  
Data File : BG027087.D  
Acq On : 23 May 2017 10:01  
Operator : SJ/MA  
Sample : I3276-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 23 11:18:14 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
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