

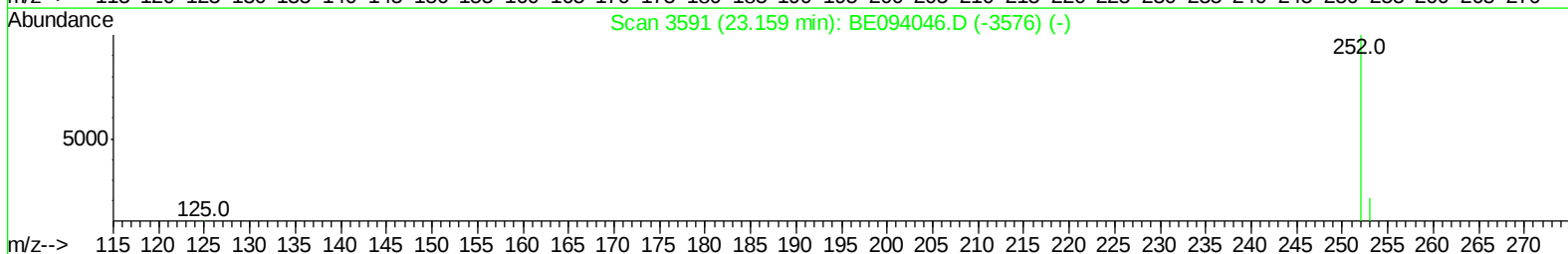
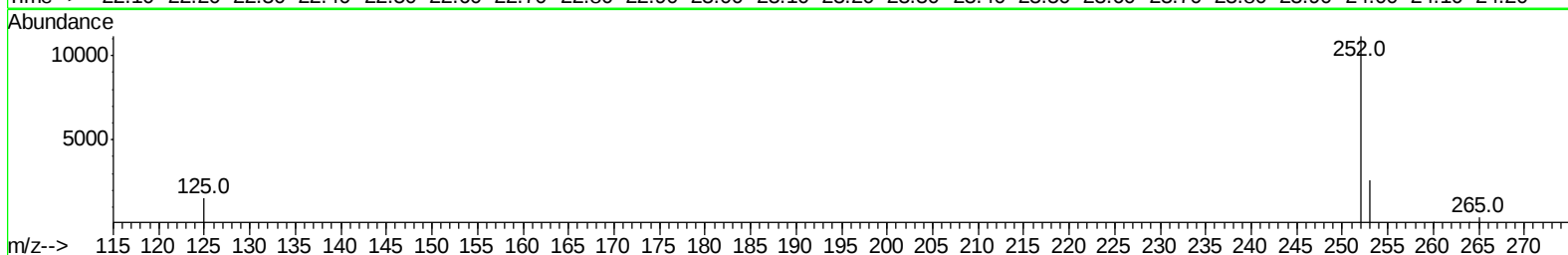
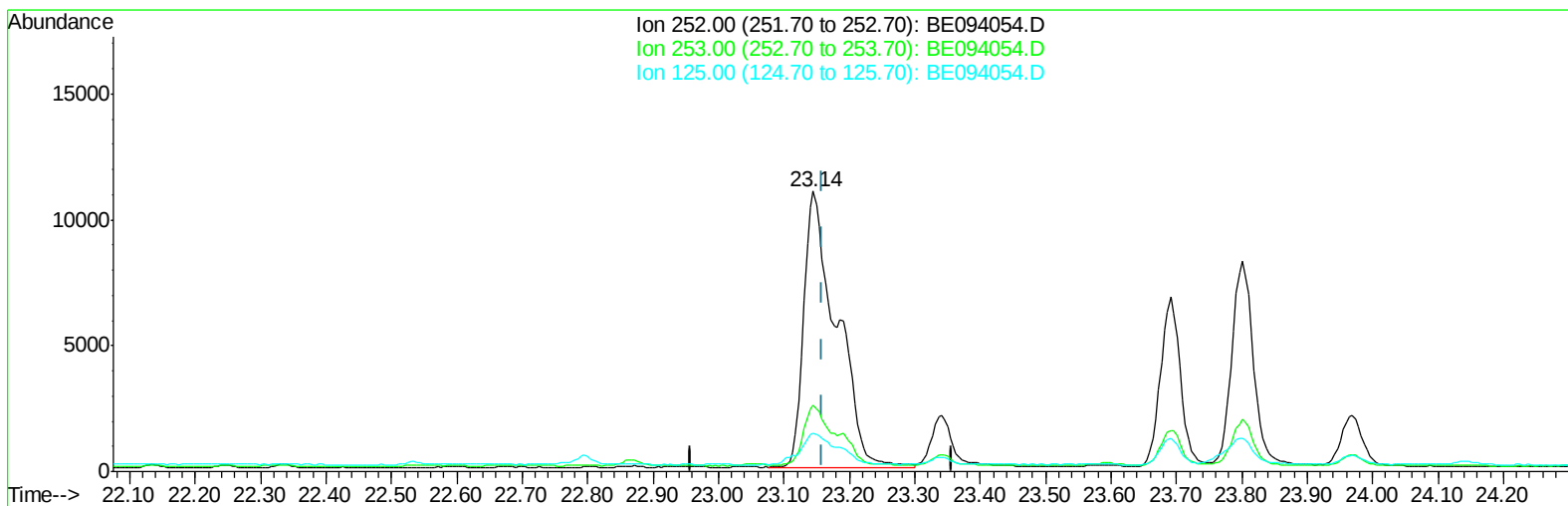
Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\  
Data File : BE094054.D  
Acq On : 21 Sep 2017 4:50  
Operator : SJ/JU  
Sample : I5283-22 5X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
CB3C5

Manual Integrations  
APPROVED

Sohil  
9/22/2017 3:56:18 PM

Quant Time: Sep 21 07:30:36 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 21 07:18:34 2017  
Response via : Initial Calibration



TIC: BE094054.D

(21) Benzo(b)fluoranthene

23.145min (-0.014) 1.15ng/ul

response 38258

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.61 |
| 125.00 | 17.50 | 13.64 |
| 0.00   | 0.00  | 0.00  |

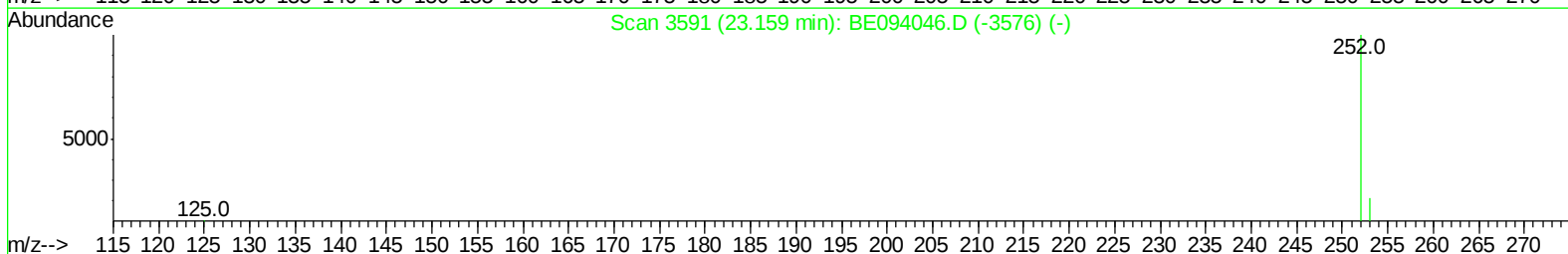
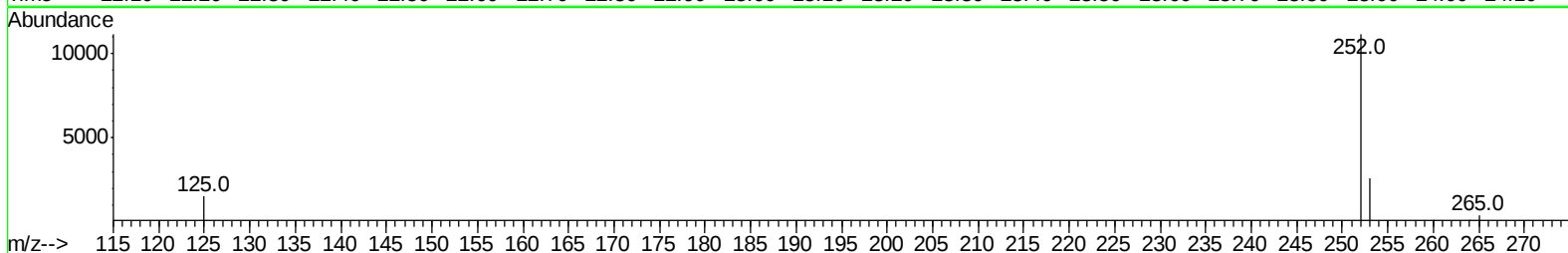
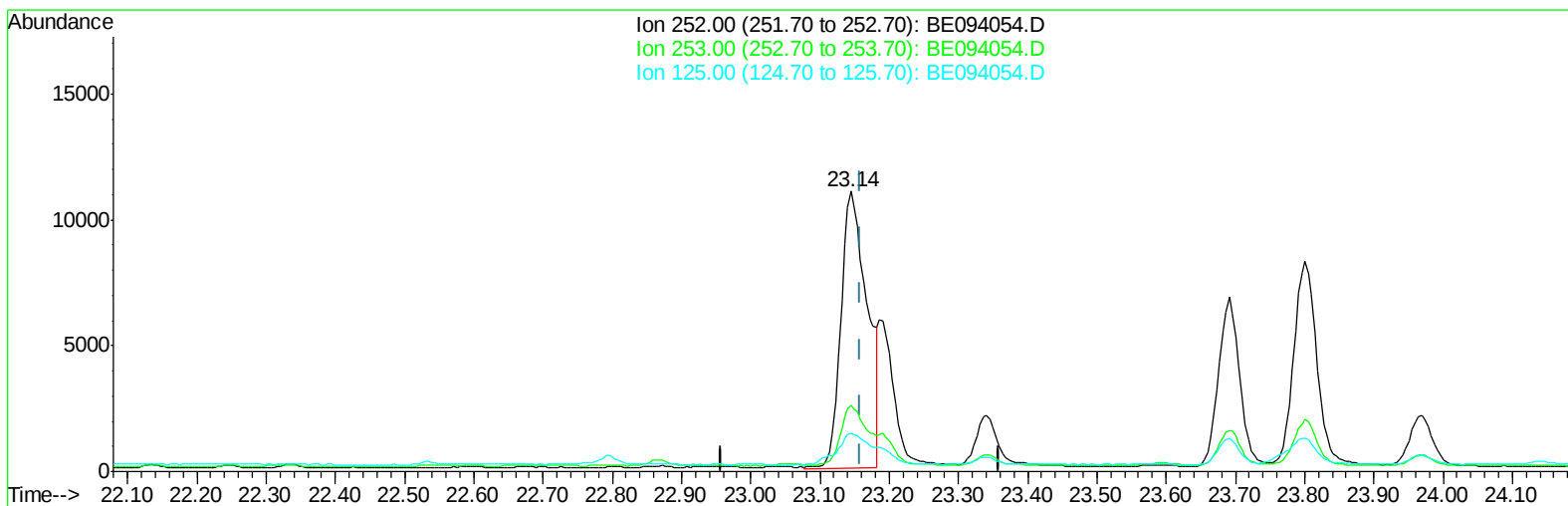
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TIC: BE094054.D

(21) Benzo(b)fluoranthene

23.145min (-0.014) 0.88ng/ul m

response 29121

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.61 |
| 125.00 | 17.50 | 13.64 |
| 0.00   | 0.00  | 0.00  |

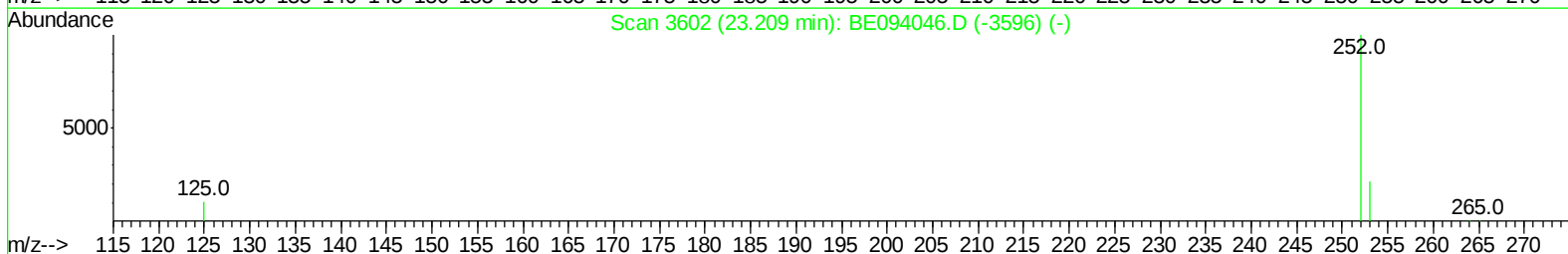
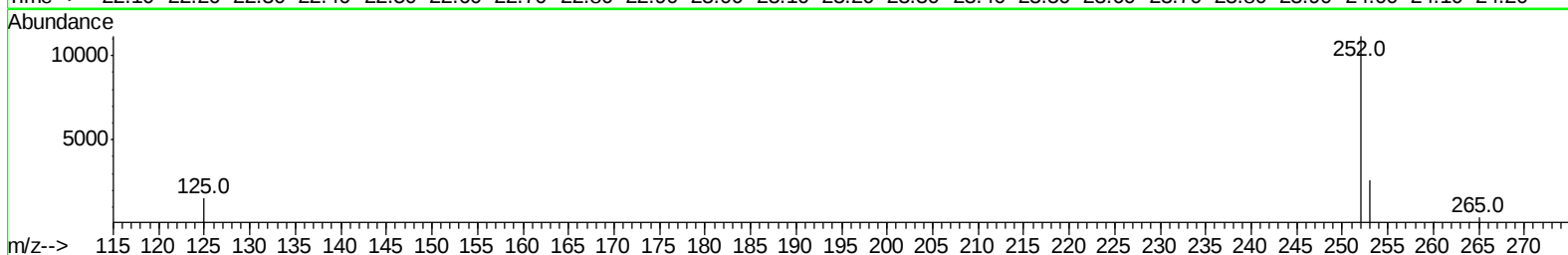
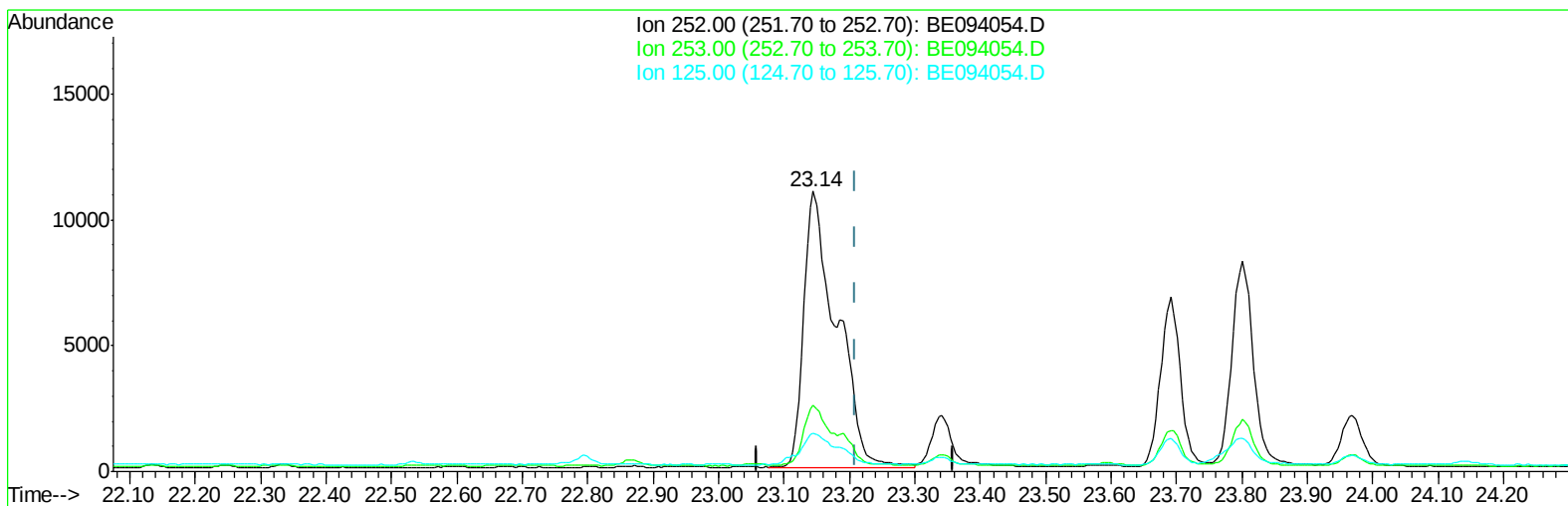
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Data File : BE094054.D  
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Operator : SJ/JU  
Sample : I5283-22 5X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
CB3C5

Manual Integrations  
APPROVED

Sohil  
9/22/2017 3:56:18 PM

Quant Time: Sep 21 07:30:36 2017  
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QLast Update : Thu Sep 21 07:18:34 2017  
Response via : Initial Calibration



TIC: BE094054.D

(22) Benzo(k)fluoranthene

23.145min (-0.064) 1.00ng/ul

response 38258

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.61# |
| 125.00 | 17.10 | 13.64# |
| 0.00   | 0.00  | 0.00   |

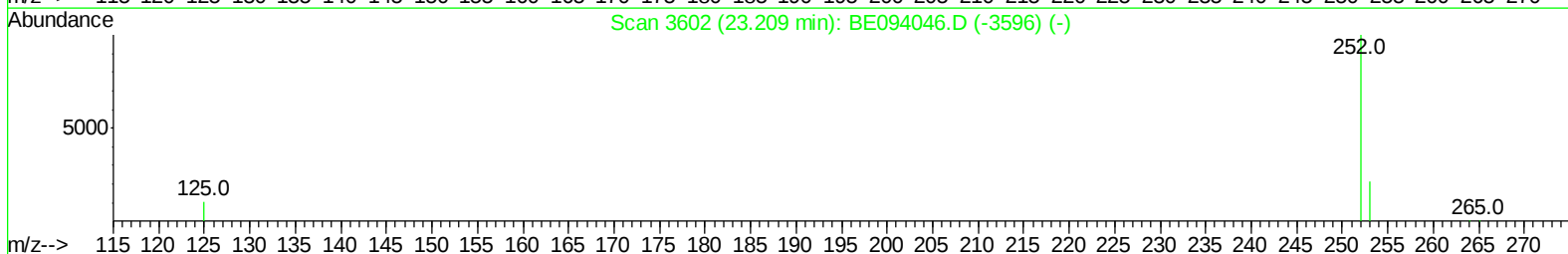
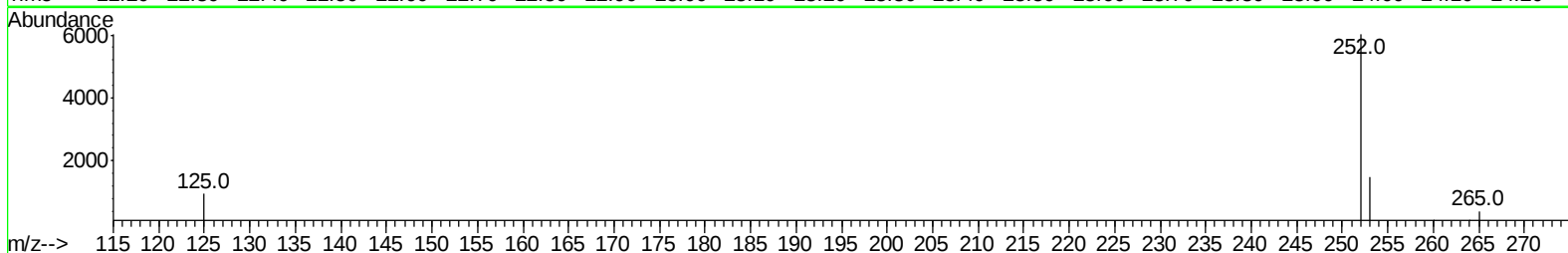
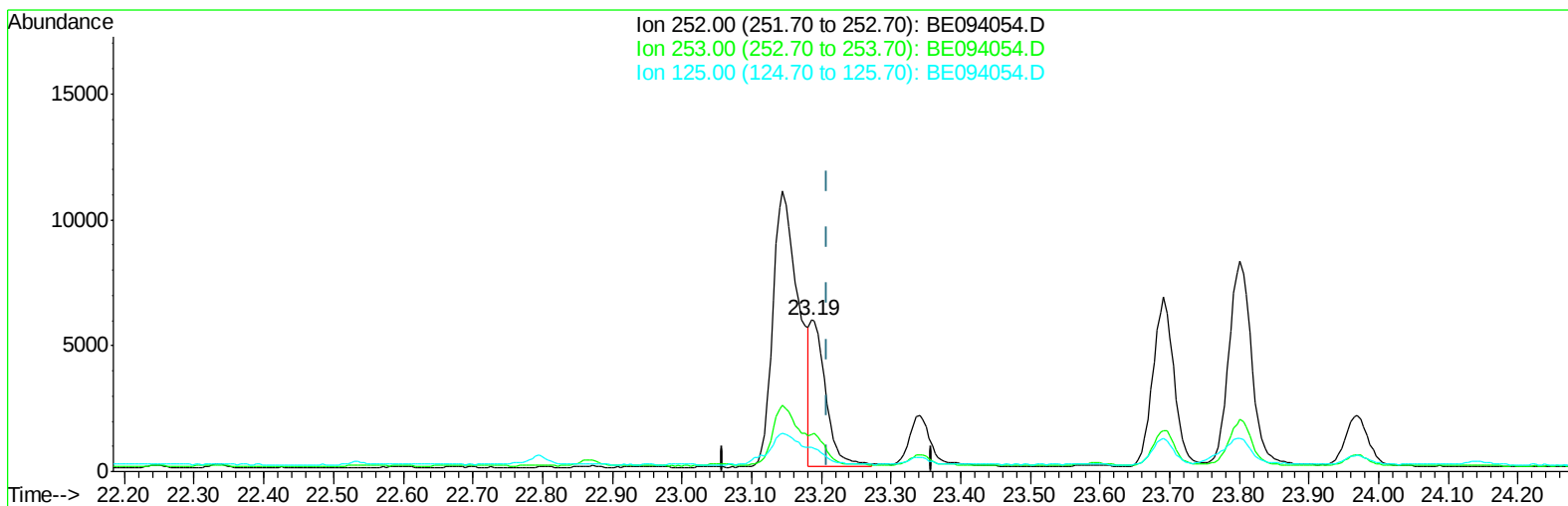
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Data File : BE094054.D  
Acq On : 21 Sep 2017 4:50  
Operator : SJ/JU  
Sample : I5283-22 5X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
CB3C5

Manual Integrations  
APPROVED

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Quant Time: Sep 21 07:30:36 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
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QLast Update : Thu Sep 21 07:18:34 2017  
Response via : Initial Calibration



TIC: BE094054.D

(22) Benzo(k)fluoranthene

23.186min (-0.023) 0.24ng/ul m

response 9093

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 24.69 |
| 125.00 | 17.10 | 15.71 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\  
 Data File : BE094054.D  
 Acq On : 21 Sep 2017 4:50  
 Operator : SJ/JU  
 Sample : I5283-22 5X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CB3C5

Manual Integrations  
 APPROVED

Sohil  
 9/22/2017 3:56:18 PM

Quant Time: Sep 21 07:52:50 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 21 07:18:34 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.92  | 152  | 1227     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.70 | 136  | 6071     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 3831     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 10277    | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.41 | 240  | 12754    | 0.40   | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.91 | 264  | 12228    | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.30 | 152  | 101      | 0.01   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.27 | 212  | 316      | 0.01   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 7) Acenaphthylene           | 14.24 | 152  | 1464     | 0.098  | ng/ul  | 93       |
| 12) Phenanthrene            | 17.29 | 178  | 7888     | 0.294  | ng/ul# | 89       |
| 13) Anthracene              | 17.38 | 178  | 1634     | 0.063  | ng/ul# | 92       |
| 15) Fluoranthene            | 19.30 | 202  | 28996    | 0.822  | ng/ul  | 84       |
| 17) Pyrene                  | 19.66 | 202  | 29752    | 0.838  | ng/ul# | 80       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 17202    | 0.508  | ng/ul# | 85       |
| 19) Chrysene                | 21.45 | 228  | 20829    | 0.533  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 23.14 | 252  | 29121m   | 0.877  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.19 | 252  | 9093m    | 0.237  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.80 | 252  | 18365    | 0.532  | ng/ul# | 83       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.56 | 276  | 13618    | 0.386  | ng/ul# | 78       |
| 25) Dibenzo(a,h)anthracene  | 26.56 | 278  | 3267     | 0.110  | ng/ul# | 89       |
| 26) Benzo(g,h,i)perylene    | 27.38 | 276  | 13200    | 0.433  | ng/ul  | 99       |

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

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ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
CB3C5

Manual Integrations  
APPROVED

Sohil  
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