

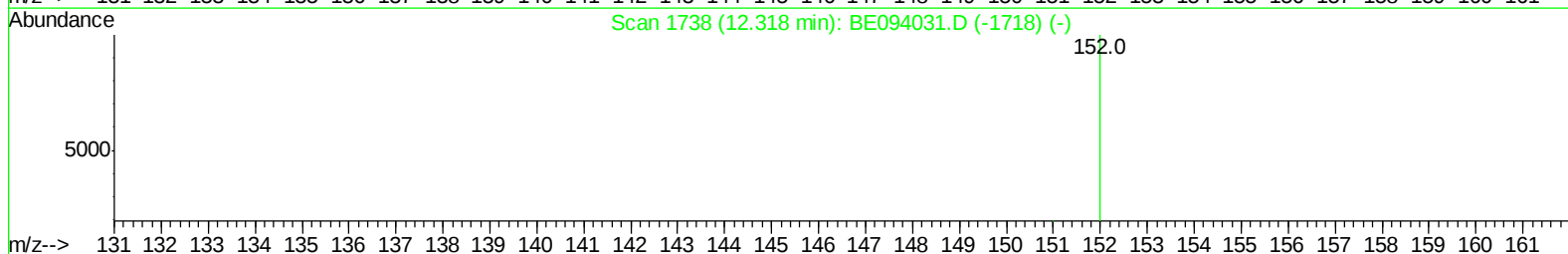
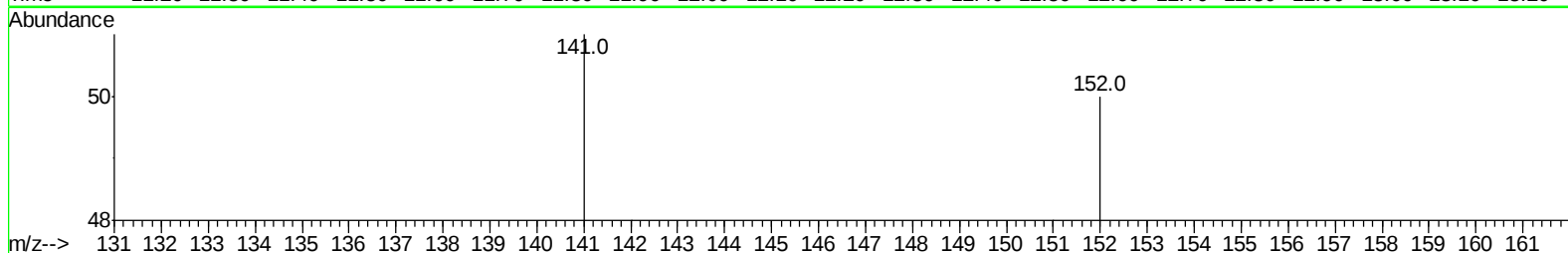
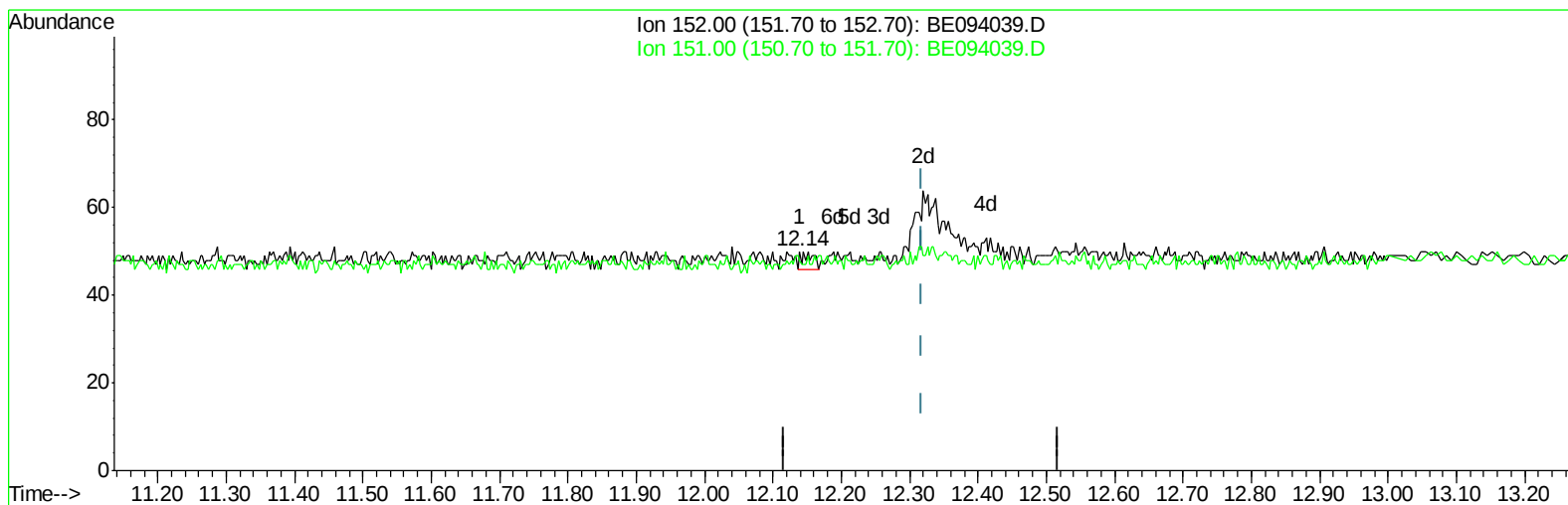
Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\  
 Data File : BE094039.D  
 Acq On : 20 Sep 2017 19:32  
 Operator : SJ/JU  
 Sample : I5283-04 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CB3A9

Manual Integrations  
 APPROVED

Sohil  
 9/22/2017 3:55:53 PM

Quant Time: Sep 21 06:28:20 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 06:26:27 2017  
 Response via : Initial Calibration



TIC: BE094039.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.139min (-0.179) 0.00ng/ul

response 5

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 152.00 | 100   | 100   |
| 151.00 | 19.30 | 20.00 |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

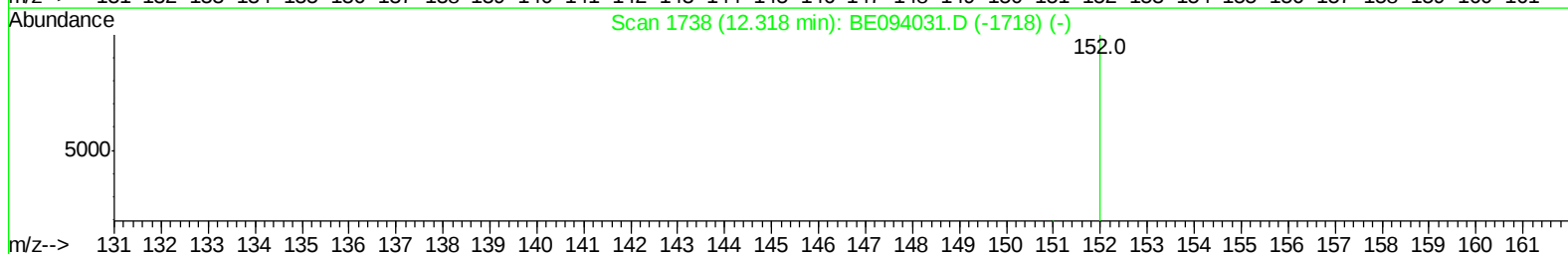
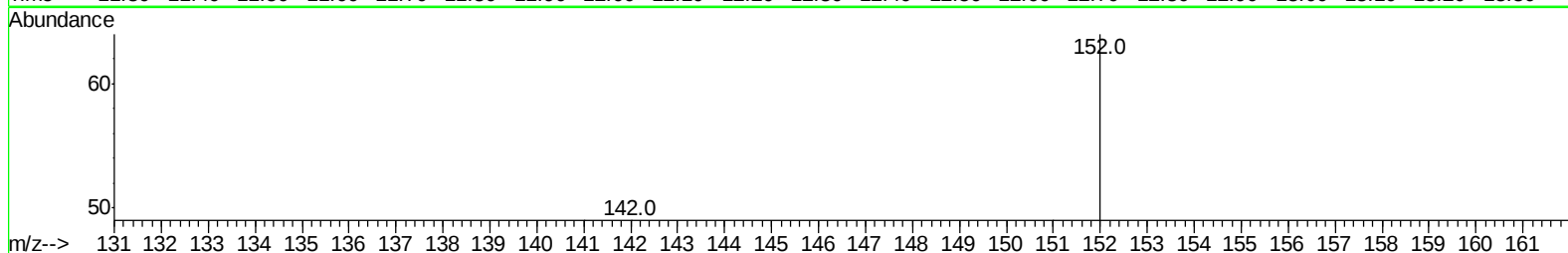
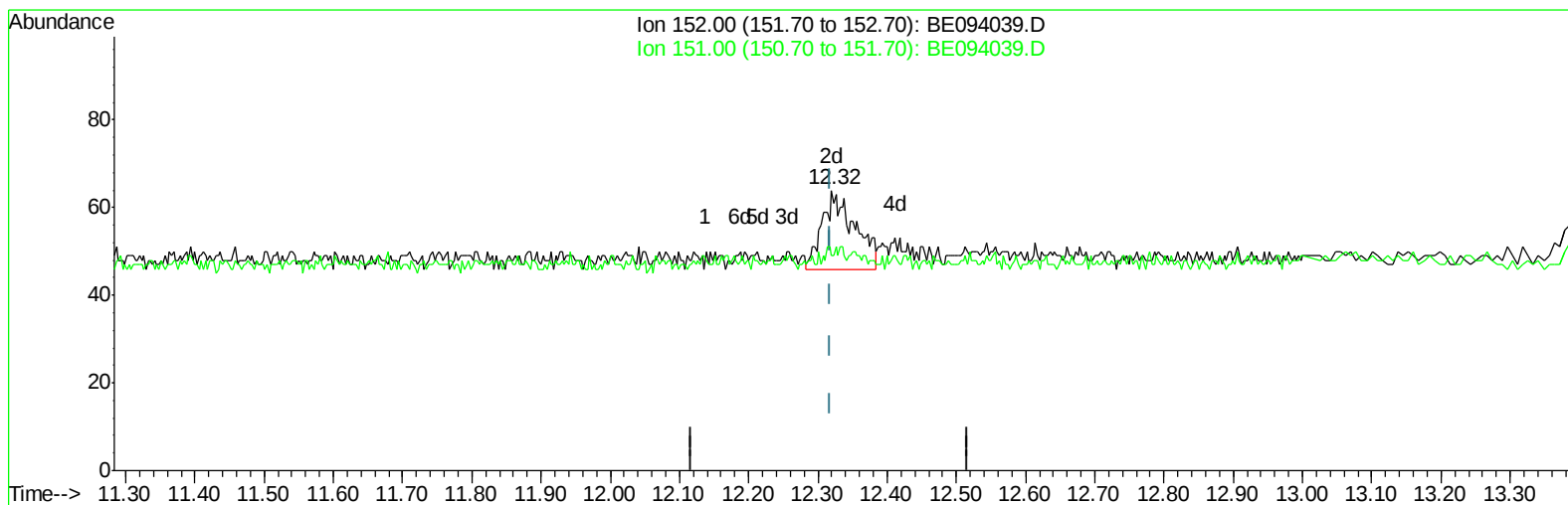
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(4) 2-Methylnaphthalene-d10 (SURR)

12.320min (+0.002) 0.01ng/ul m

response 58

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 152.00 | 100   | 100   |
| 151.00 | 19.30 | 1.72# |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

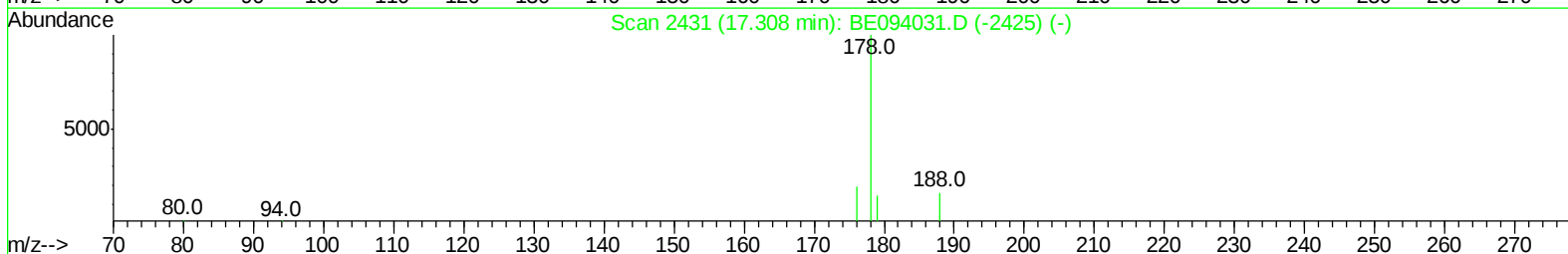
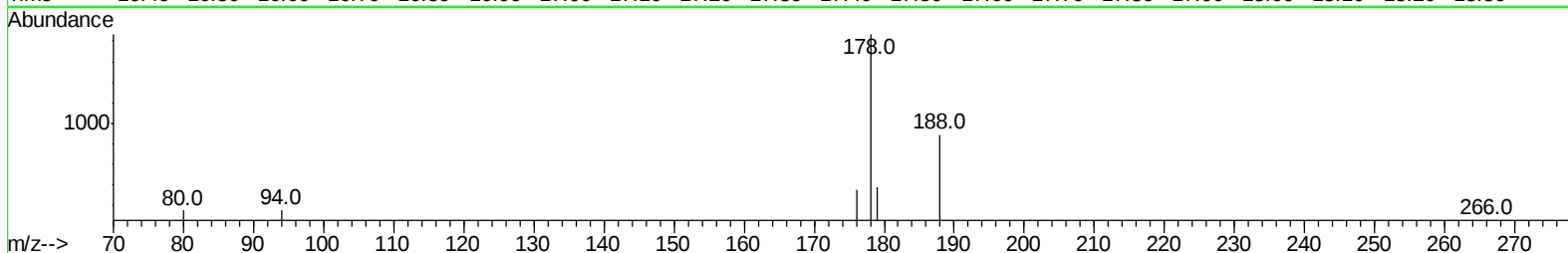
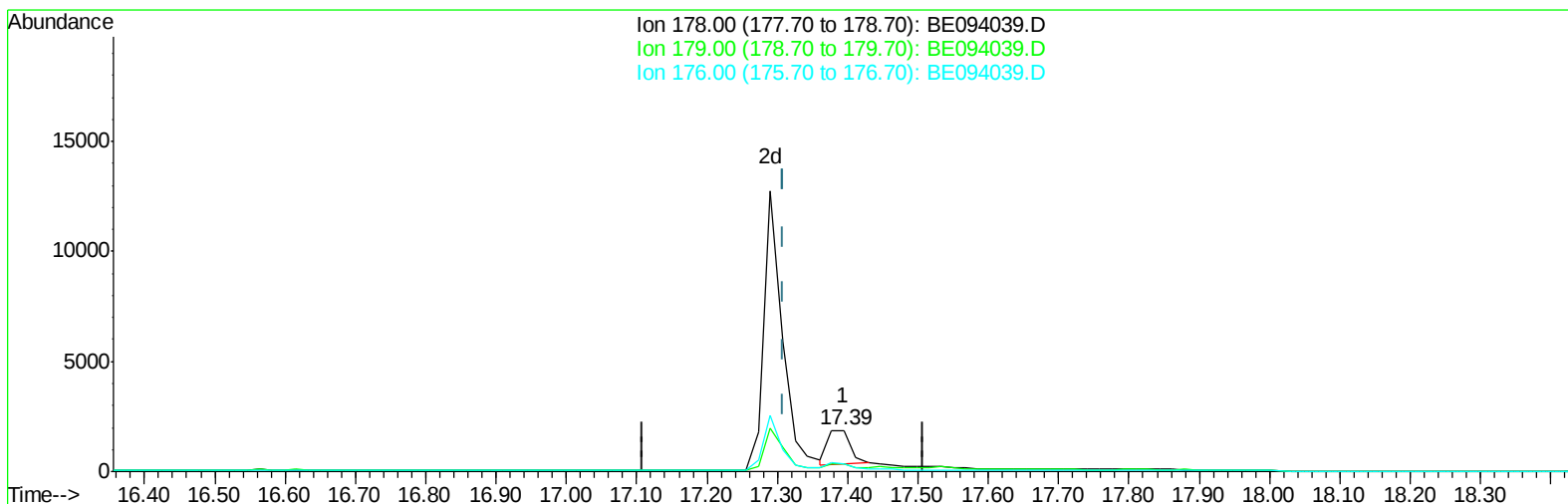
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TIC: BE094039.D

(12) Phenanthrene

17.394min (+0.086) 0.12ng/ul

response 3538

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 23.00 | 19.65 |
| 176.00 | 17.00 | 18.47 |
| 0.00   | 0.00  | 0.00  |

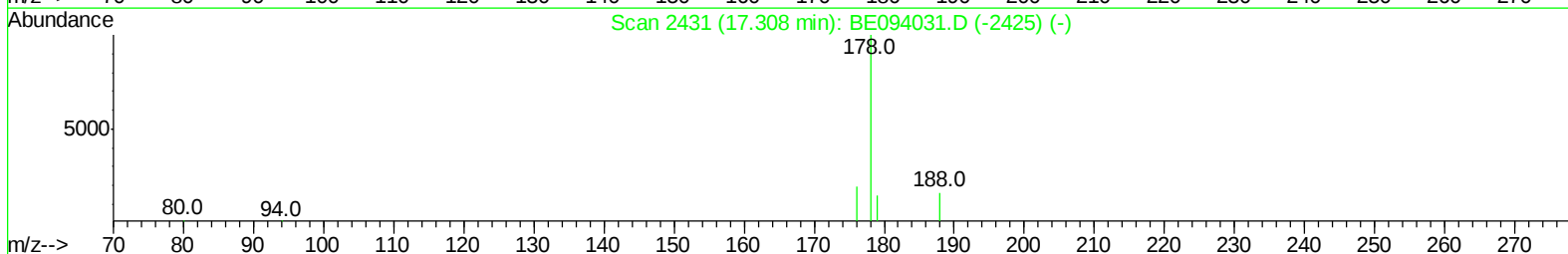
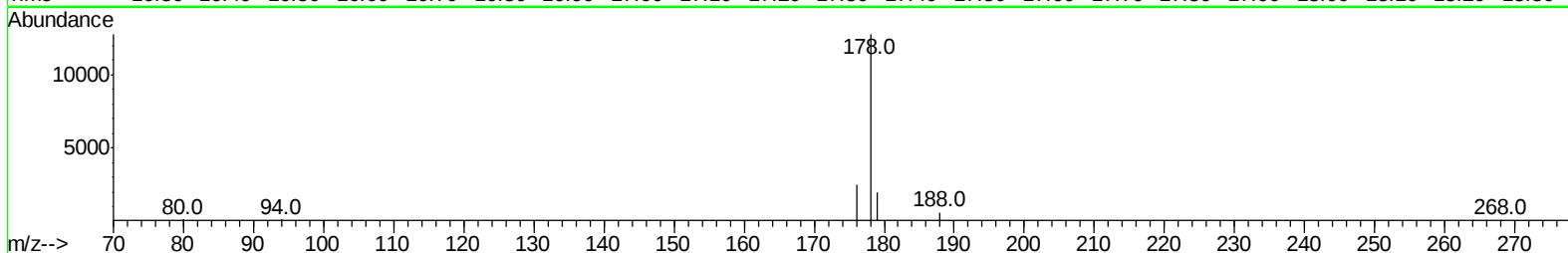
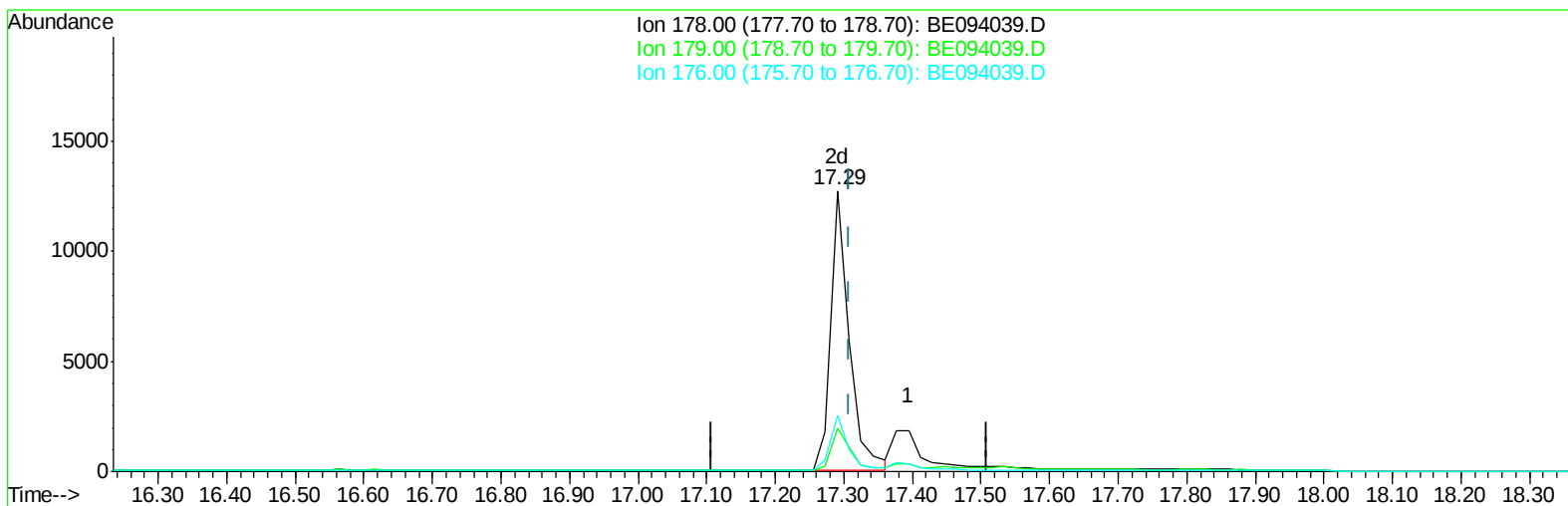
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 ALS Vial : 17 Sample Multiplier: 1

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Manual Integrations  
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TIC: BE094039.D

(12) Phenanthrene

17.290min (-0.018) 0.79ng/ul m

response 23844

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 15.27# |
| 176.00 | 17.00 | 19.82  |
| 0.00   | 0.00  | 0.00   |

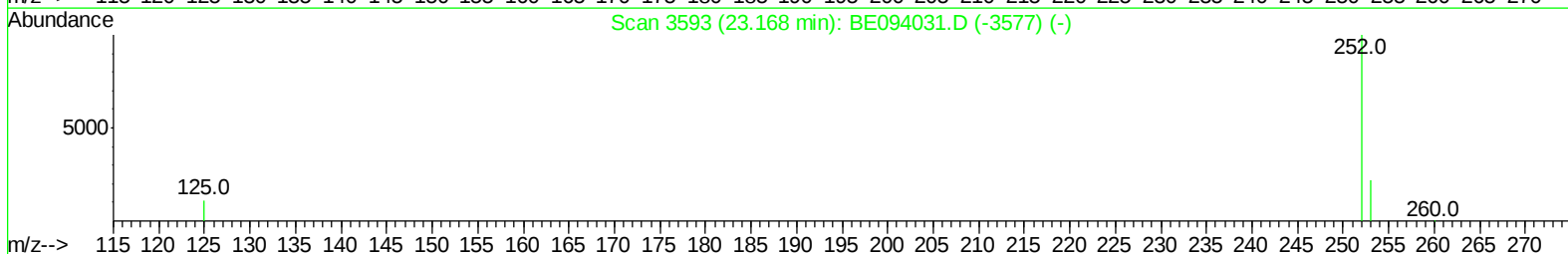
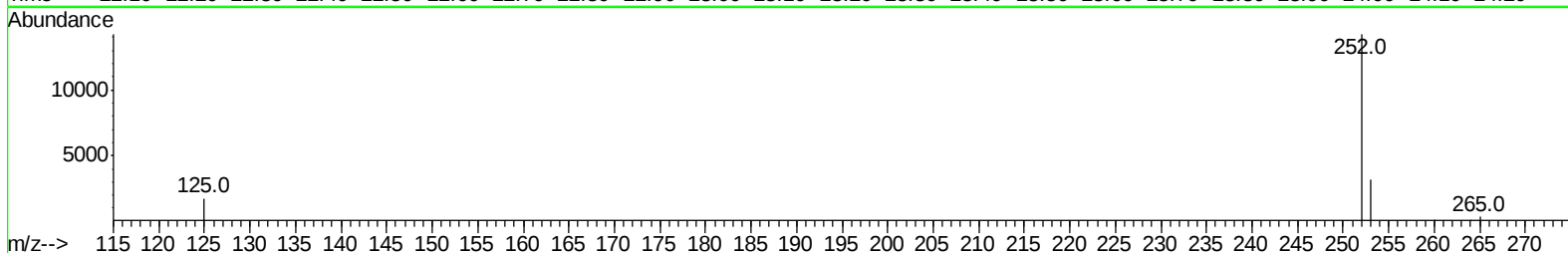
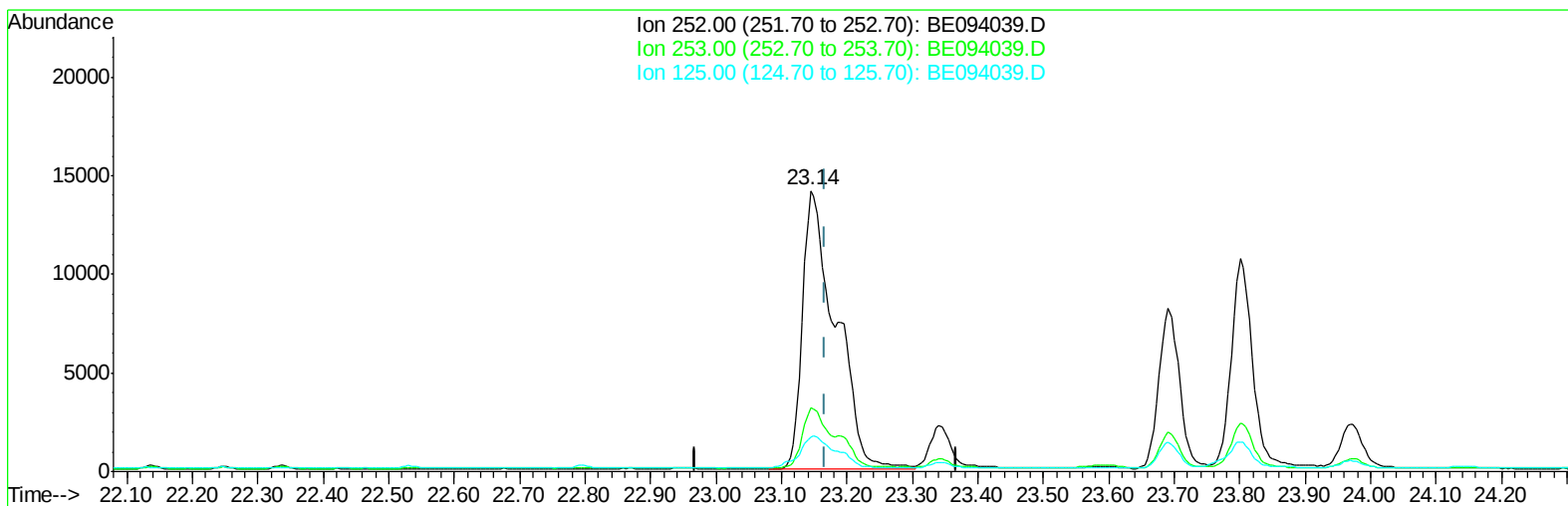
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Data File : BE094039.D  
Acq On : 20 Sep 2017 19:32  
Operator : SJ/JU  
Sample : I5283-04 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
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Manual Integrations  
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TIC: BE094039.D

(21) Benzo(b)fluoranthene  
23.145min (-0.023) 1.33ng/ul  
response 50020

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.61 |
| 125.00 | 17.50 | 12.22 |
| 0.00   | 0.00  | 0.00  |

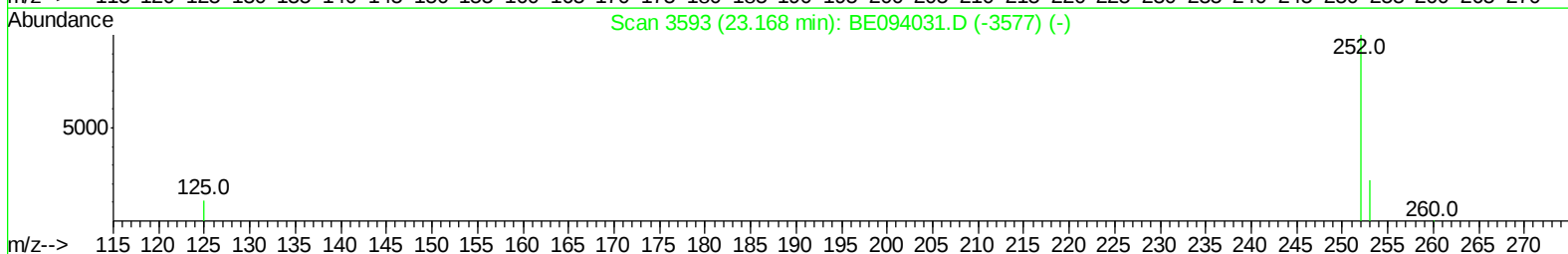
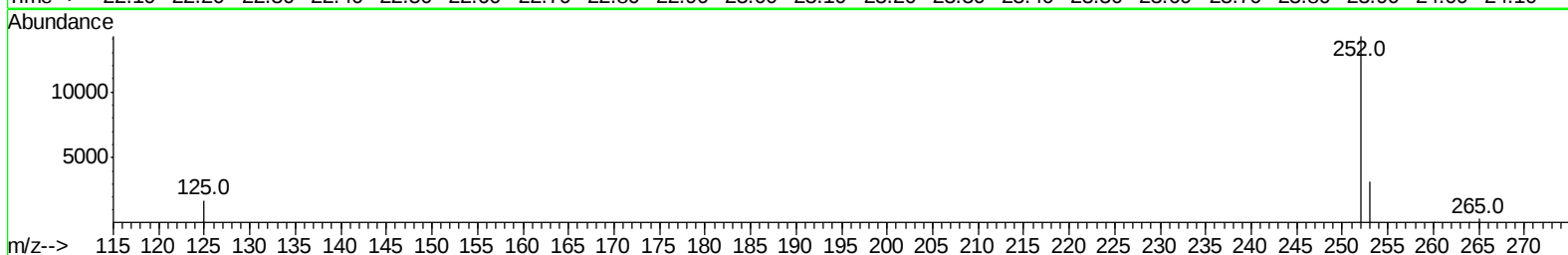
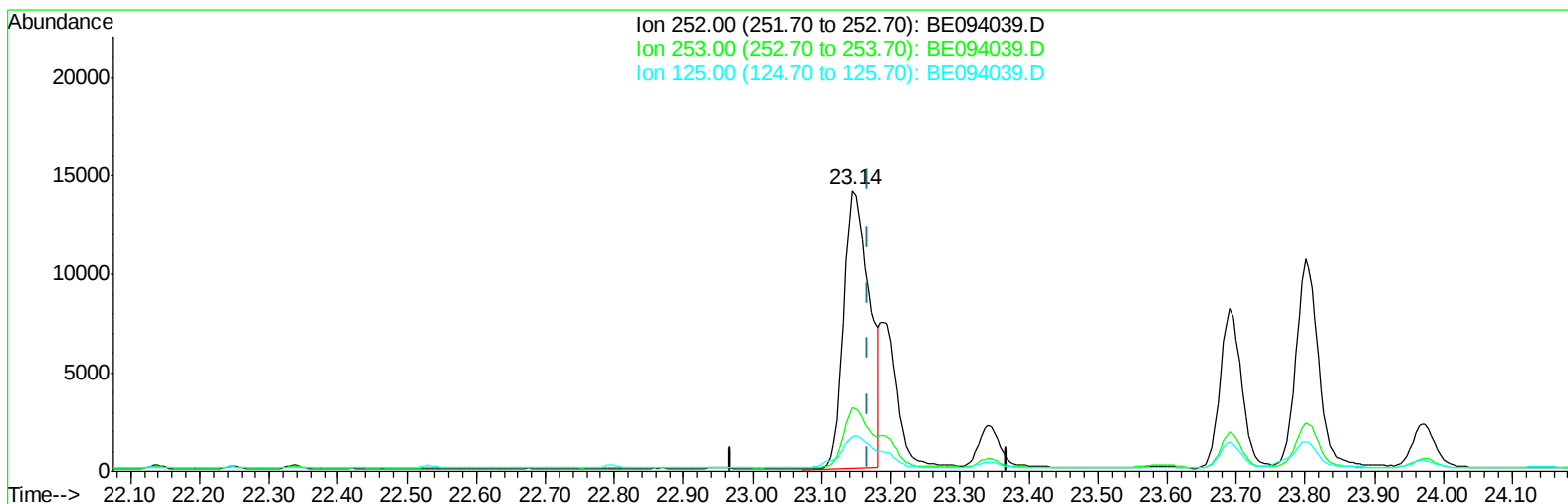
Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\  
Data File : BE094039.D  
Acq On : 20 Sep 2017 19:32  
Operator : SJ/JU  
Sample : I5283-04 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
CB3A9

Manual Integrations  
APPROVED

Sohil  
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Quant Time: Sep 21 06:28:20 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



TIC: BE094039.D

(21) Benzo(b)fluoranthene

23.145min (-0.023) 0.97ng/ul m

response 36677

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.61 |
| 125.00 | 17.50 | 12.22 |
| 0.00   | 0.00  | 0.00  |

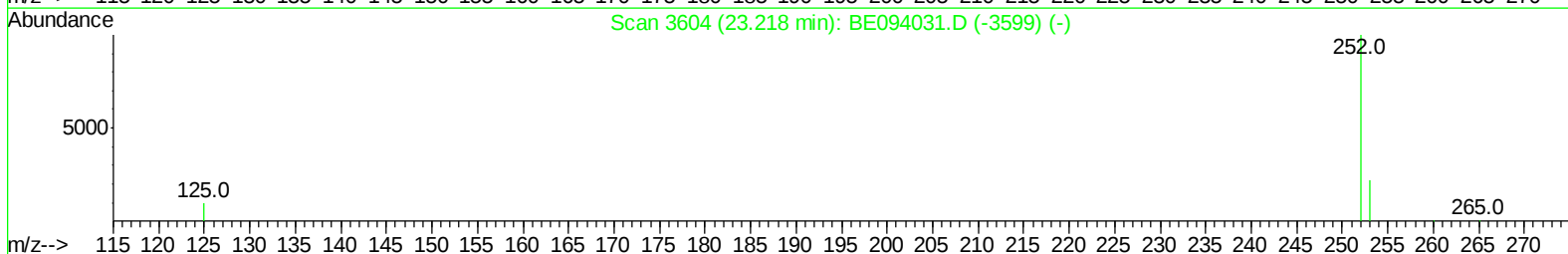
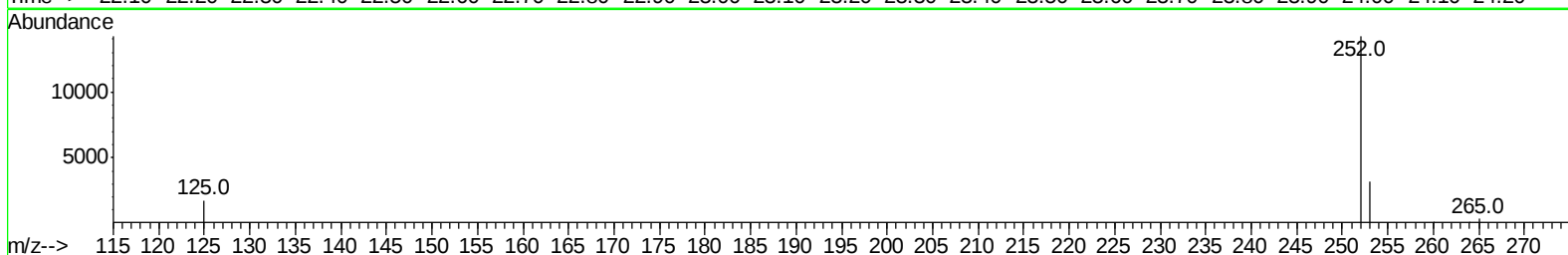
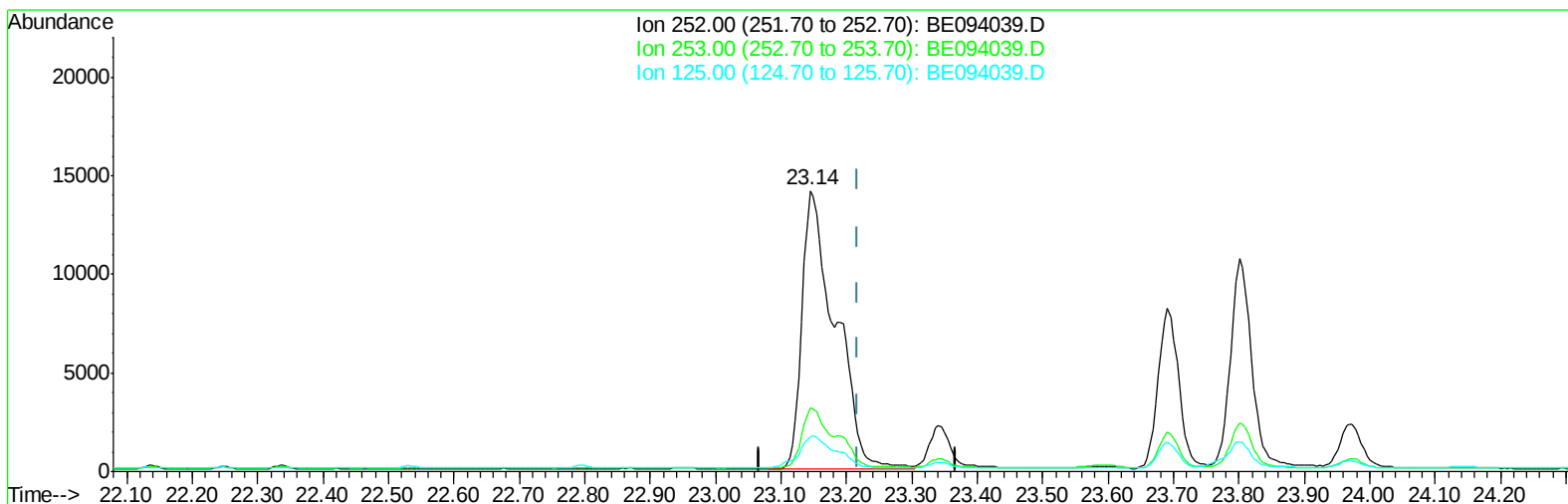
Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\  
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Operator : SJ/JU  
Sample : I5283-04 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
CB3A9

Manual Integrations  
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TIC: BE094039.D

(22) Benzo(k)fluoranthene

23.145min (-0.073) 1.15ng/ul

response 50020

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 22.61# |
| 125.00 | 17.10 | 12.22# |
| 0.00   | 0.00  | 0.00   |

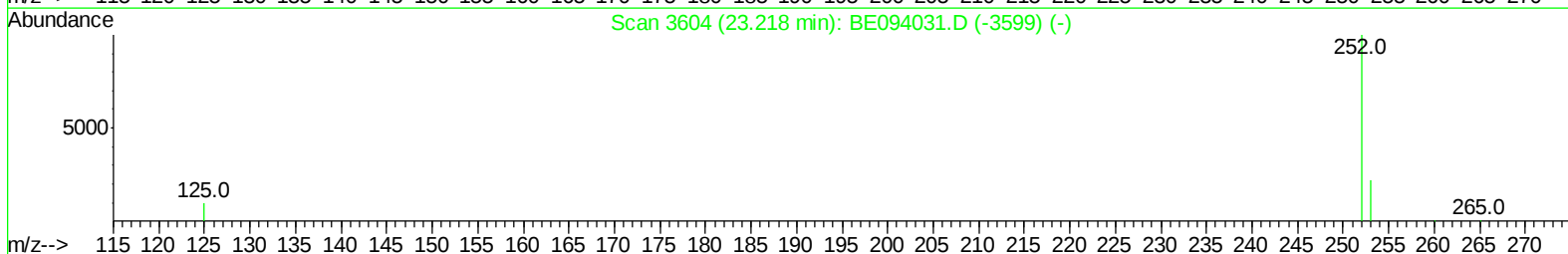
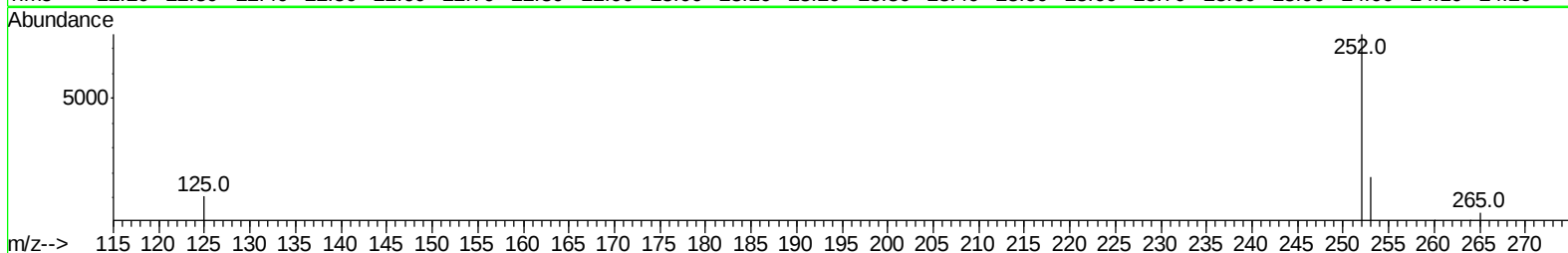
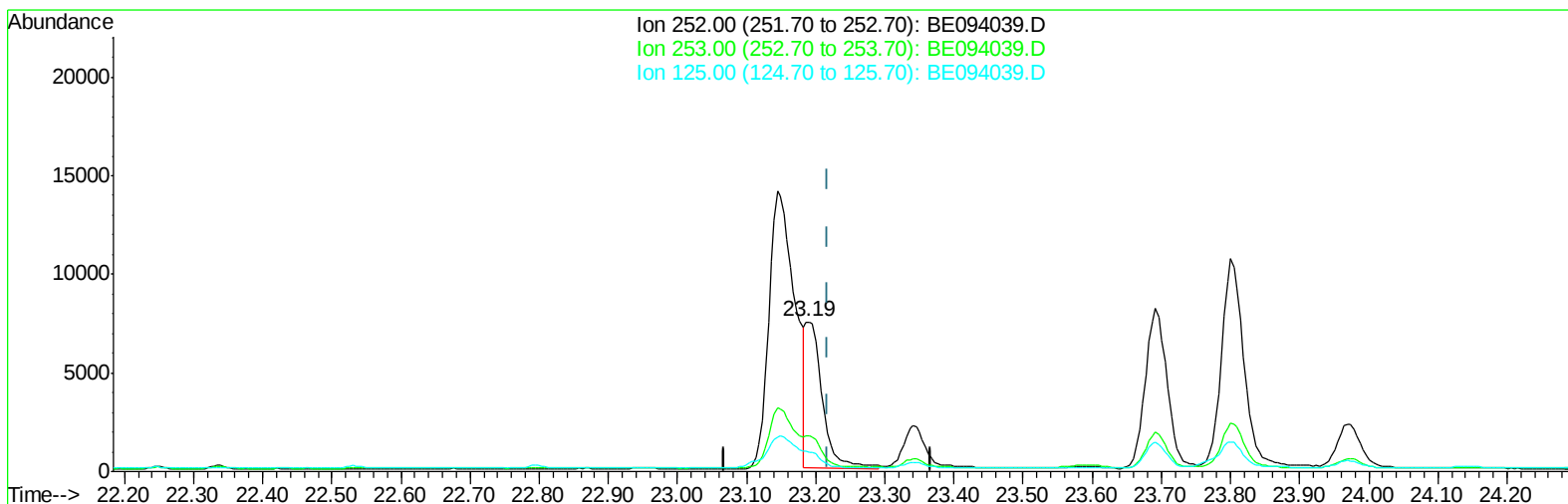
Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\  
Data File : BE094039.D  
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Operator : SJ/JU  
Sample : I5283-04 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
CB3A9

Manual Integrations  
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Quant Time: Sep 21 06:28:20 2017  
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Response via : Initial Calibration



TIC: BE094039.D

(22) Benzo(k)fluoranthene

23.186min (-0.032) 0.30ng/ul m

response 13024

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.72# |
| 125.00 | 17.10 | 13.58# |
| 0.00   | 0.00  | 0.00   |

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 Sample : I5283-04 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CB3A9

Manual Integrations  
 APPROVED

Sohil  
 9/22/2017 3:55:53 PM

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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1356     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.71 | 136  | 6369     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.53 | 164  | 3968     | 0.40   | ng/ul  | -0.01    |
| 10) Phenanthrene-d10        | 17.26 | 188  | 11485    | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.41 | 240  | 15276    | 0.40   | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.91 | 264  | 13859    | 0.40   | ng/ul  | -0.03    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.32 | 152  | 58m      | 0.01   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.27 | 212  | 268      | 0.01   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.75 | 128  | 798      | 0.051  | ng/ul# | 81       |
| 5) 2-Methylnaphthalene      | 12.39 | 142  | 362      | 0.036  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.25 | 152  | 553      | 0.036  | ng/ul# | 67       |
| 8) Acenaphthene             | 14.59 | 153  | 768      | 0.060  | ng/ul  | 96       |
| 9) Fluorene                 | 15.57 | 166  | 749      | 0.050  | ng/ul# | 90       |
| 12) Phenanthrene            | 17.29 | 178  | 23844m   | 0.794  | ng/ul  |          |
| 13) Anthracene              | 17.39 | 178  | 4641     | 0.159  | ng/ul  | 97       |
| 15) Fluoranthene            | 19.30 | 202  | 53259    | 1.351  | ng/ul  | 84       |
| 17) Pyrene                  | 19.66 | 202  | 50702    | 1.193  | ng/ul# | 82       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 28629    | 0.706  | ng/ul# | 86       |
| 19) Chrysene                | 21.45 | 228  | 30860    | 0.659  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.14 | 252  | 36677m   | 0.974  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.19 | 252  | 13024m   | 0.299  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.80 | 252  | 23279    | 0.595  | ng/ul# | 80       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.56 | 276  | 14645    | 0.366  | ng/ul# | 79       |
| 25) Dibenzo(a,h)anthracene  | 26.57 | 278  | 3868     | 0.115  | ng/ul# | 95       |
| 26) Benzo(a,h,i)perylene    | 27.38 | 276  | 14251    | 0.413  | ng/ul  | 98       |

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

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