

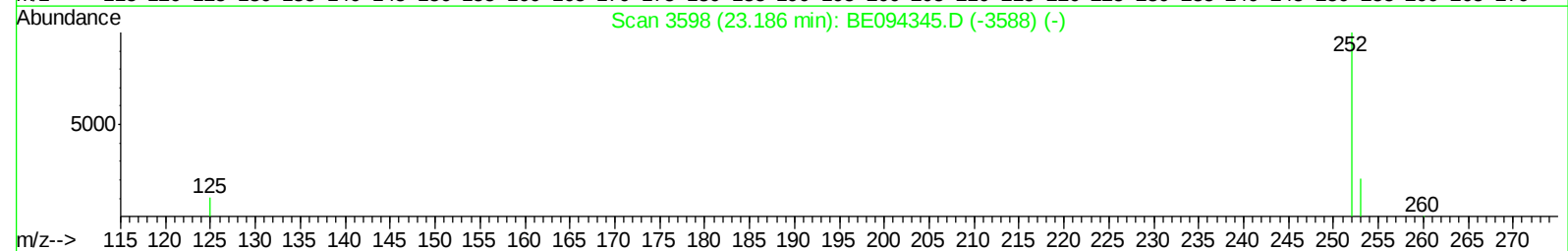
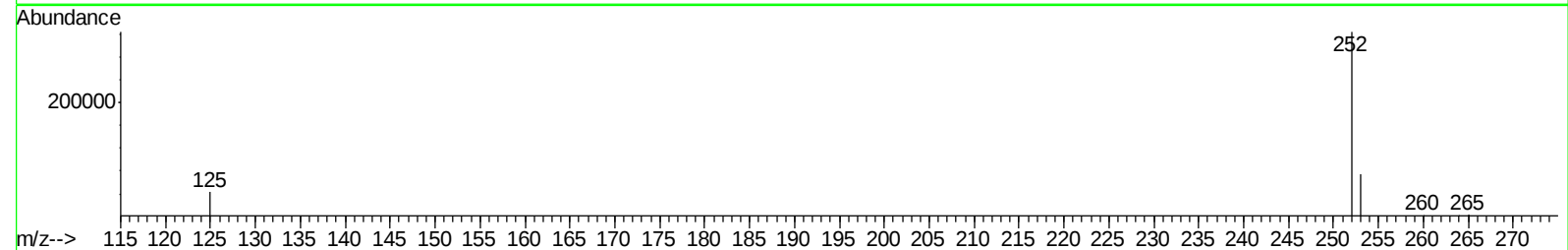
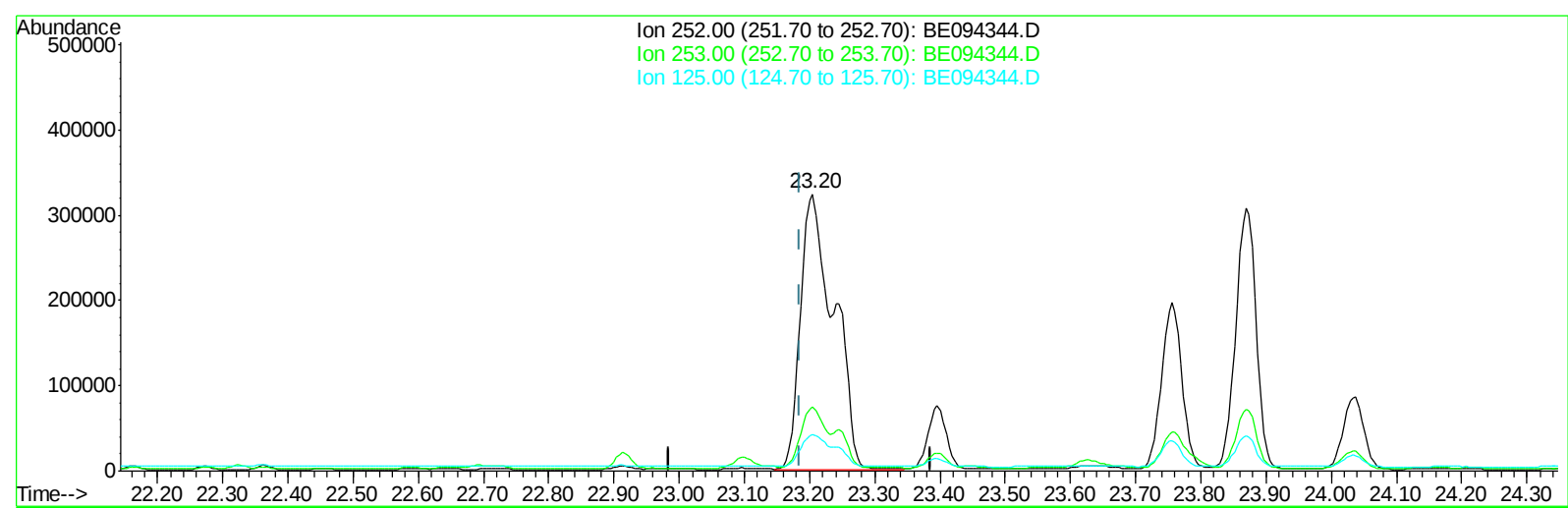
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE101317\  
Data File : BE094344.D  
Acq On : 14 Oct 2017 3:57  
Operator : SJ/JU  
Sample : I5649-10 2X  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
DUP-2

Manual Integrations  
APPROVED

Sohil  
10/16/2017 8:23:16 PM

Quant Time: Oct 15 04:15:52 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE092017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 14 05:22:31 2017  
Response via : Initial Calibration



TIC: BE094344.D

(21) Benzo(b)fluoranthene  
23.205min (+0.019) 40.36ng/ul  
response 1139678

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.23 |
| 125.00 | 17.50 | 13.12 |
| 0.00   | 0.00  | 0.00  |

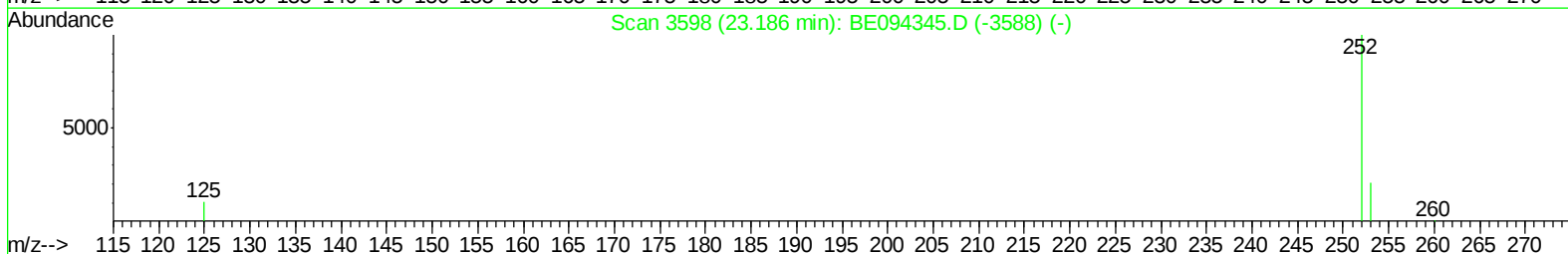
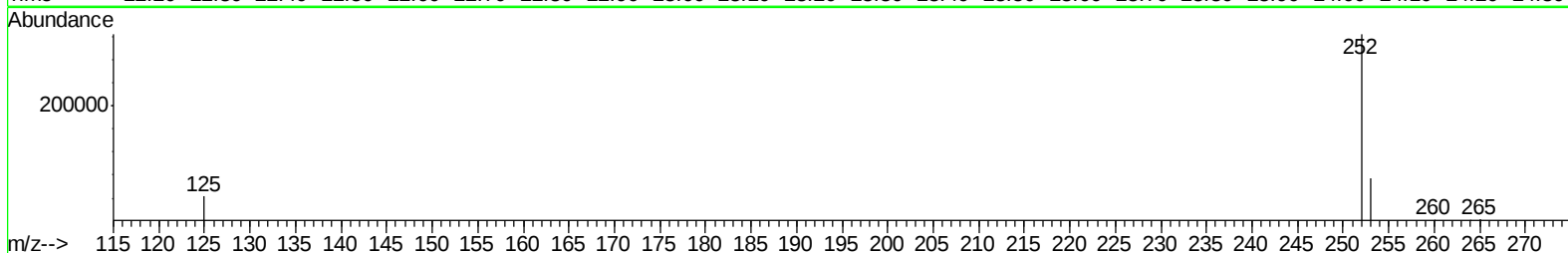
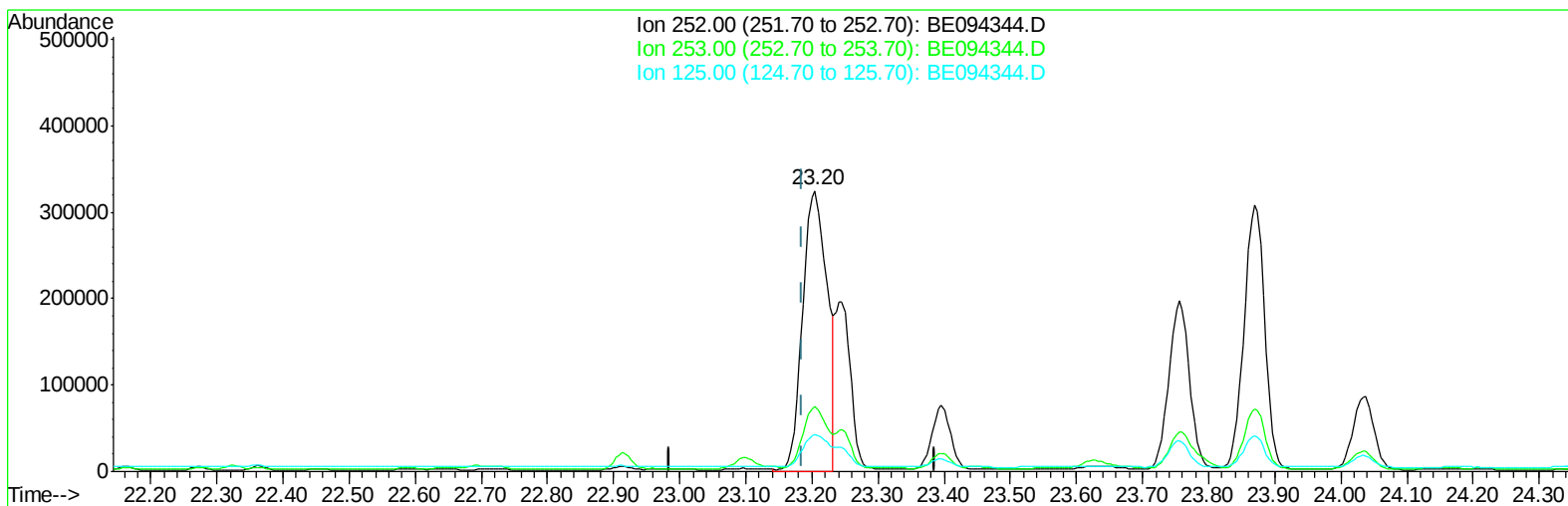
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Data File : BE094344.D  
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Operator : SJ/JU  
Sample : I5649-10 2X  
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Response via : Initial Calibration



TIC: BE094344.D

(21) Benzo(b)fluoranthene

23.205min (+0.019) 29.89ng/ul m

response 844142

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.23 |
| 125.00 | 17.50 | 13.12 |
| 0.00   | 0.00  | 0.00  |

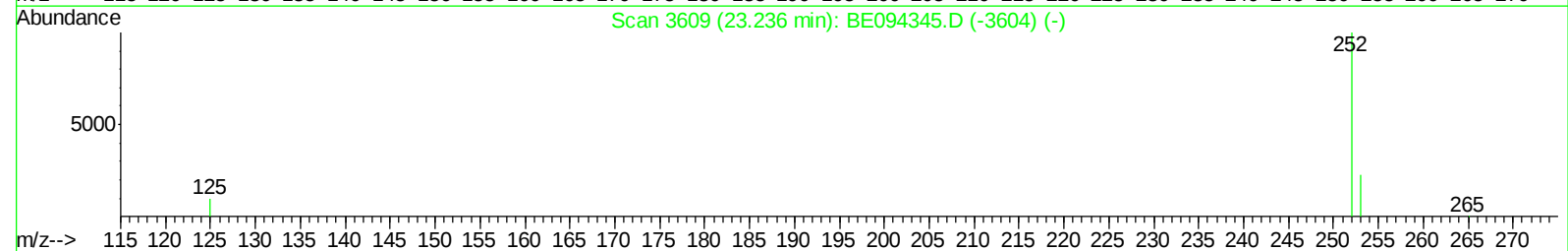
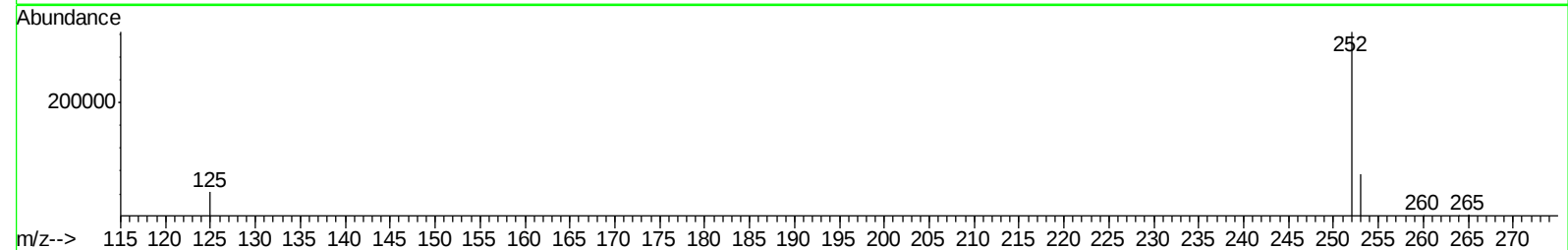
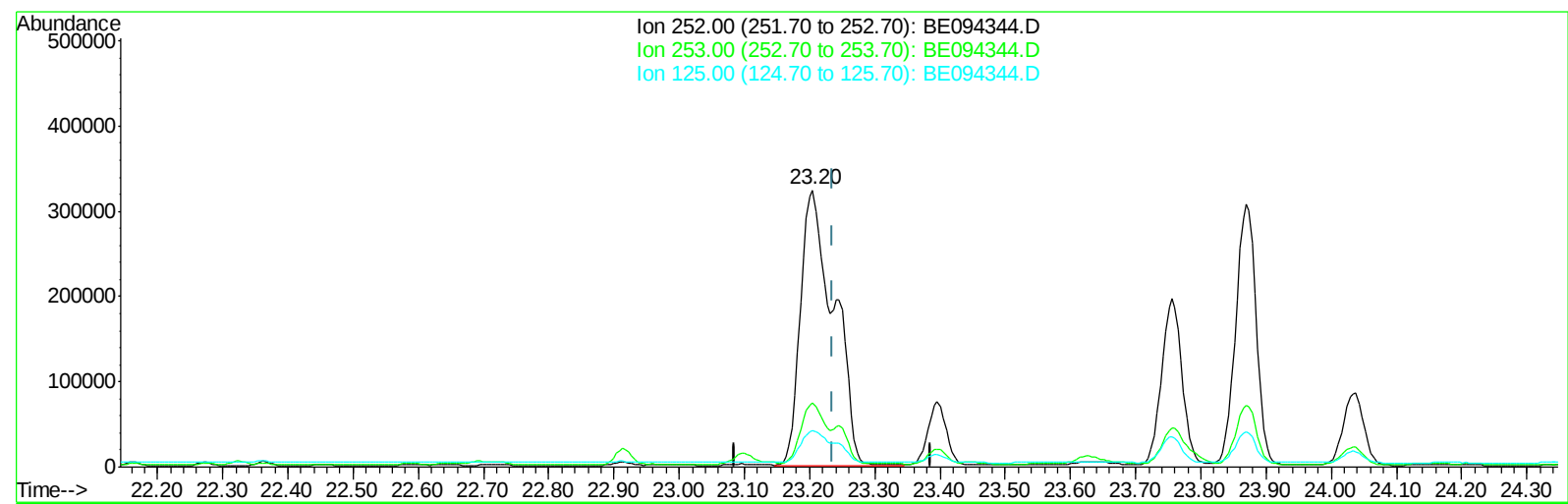
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE101317\  
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Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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TIC: BE094344.D

(22) Benzo(k)fluoranthene

23.205min (-0.031) 34.92ng/ul

response 1139678

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.23# |
| 125.00 | 17.10 | 13.12# |
| 0.00   | 0.00  | 0.00   |

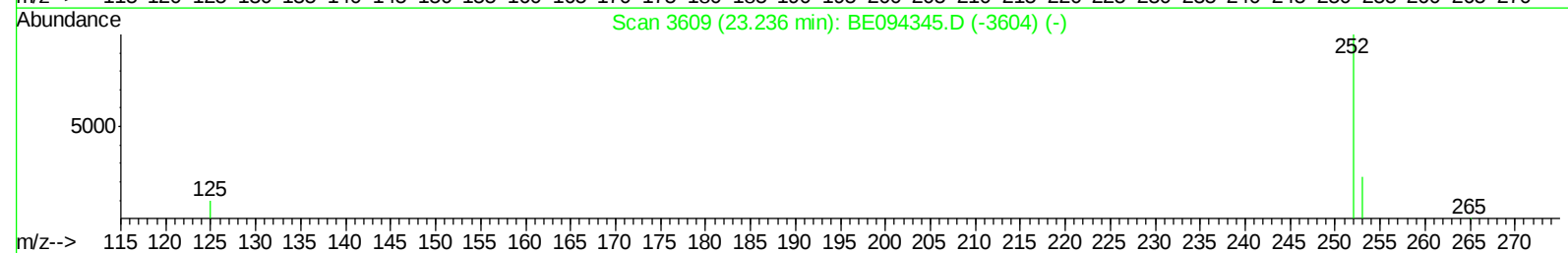
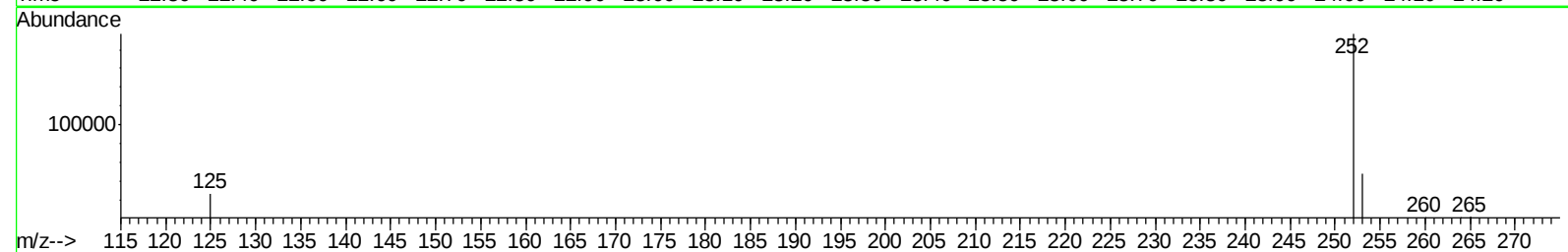
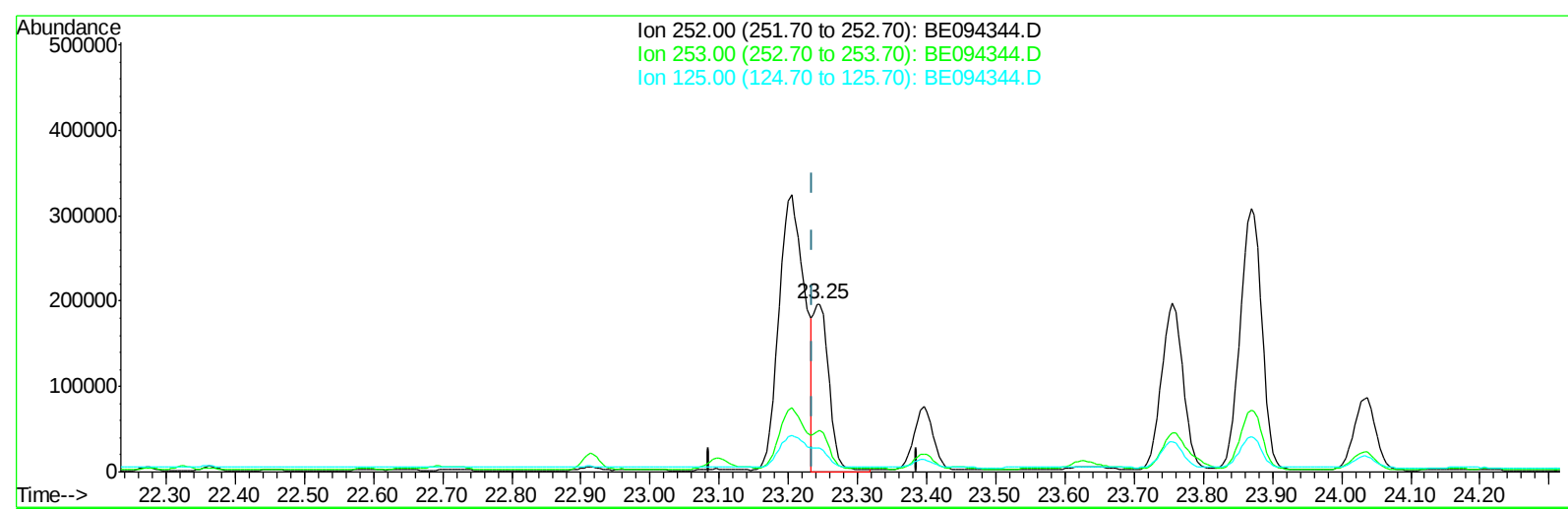
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Operator : SJ/JU  
Sample : I5649-10 2X  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
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Manual Integrations  
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TIC: BE094344.D

(22) Benzo(k)fluoranthene

23.246min (+0.010) 9.75ng/ul m

response 318269

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 24.40# |
| 125.00 | 17.10 | 13.91  |
| 0.00   | 0.00  | 0.00   |

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 Operator : SJ/JU  
 Sample : I5649-10 2X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DUP-2

Manual Integrations  
 APPROVED

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Quant Time: Oct 15 04:17:53 2017  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 14 05:22:31 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.92  | 152  | 1708     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.71 | 136  | 8936     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.54 | 164  | 4963     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.27 | 188  | 10152    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.44 | 240  | 9785     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.98 | 264  | 10395    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 1940     | 0.14   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.29 | 212  | 4164     | 0.12   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.75 | 128  | 17074    | 0.780  | ng/ul# | 92       |
| 5) 2-Methylnaphthalene      | 12.36 | 142  | 3045     | 0.214  | ng/ul  | 97       |
| 7) Acenaphthylene           | 14.26 | 152  | 19187    | 0.992  | ng/ul  | 97       |
| 8) Acenaphthene             | 14.60 | 153  | 3146     | 0.197  | ng/ul  | 93       |
| 9) Fluorene                 | 15.58 | 166  | 5772     | 0.309  | ng/ul  | 92       |
| 12) Phenanthrene            | 17.31 | 178  | 152389   | 5.744  | ng/ul# | 91       |
| 13) Anthracene              | 17.40 | 178  | 69551    | 2.696  | ng/ul# | 91       |
| 15) Fluoranthene            | 19.33 | 202  | 580621   | 16.657 | ng/ul  | 84       |
| 17) Pyrene                  | 19.69 | 202  | 554147   | 20.354 | ng/ul# | 83       |
| 18) Benzo(a)anthracene      | 21.42 | 228  | 612361   | 23.590 | ng/ul# | 87       |
| 19) Chrysene                | 21.48 | 228  | 512642   | 17.101 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.20 | 252  | 844142m  | 29.894 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.25 | 252  | 318269m  | 9.751  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.87 | 252  | 671130   | 22.872 | ng/ul# | 80       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.69 | 276  | 453866   | 15.120 | ng/ul# | 78       |
| 25) Dibenzo(a,h)anthracene  | 26.68 | 278  | 118936   | 4.724  | ng/ul  | 96       |
| 26) Benzo(g,h,i)perylene    | 27.53 | 276  | 371739   | 14.358 | ng/ul  | 97       |

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

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