

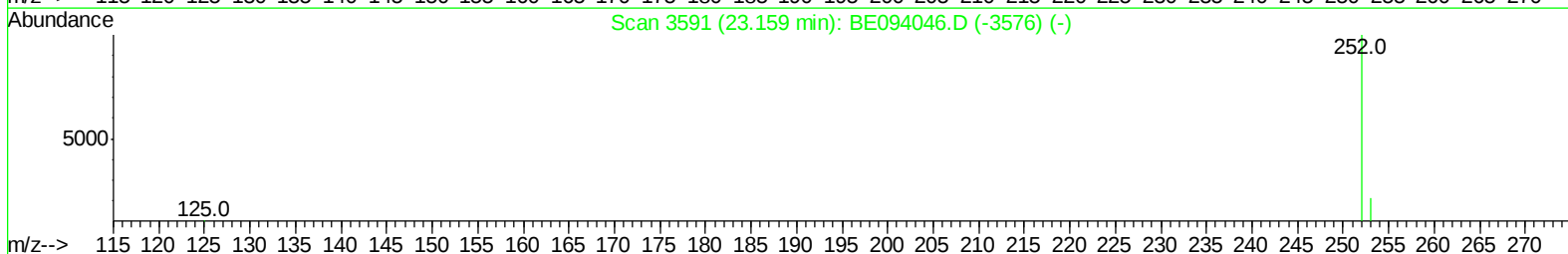
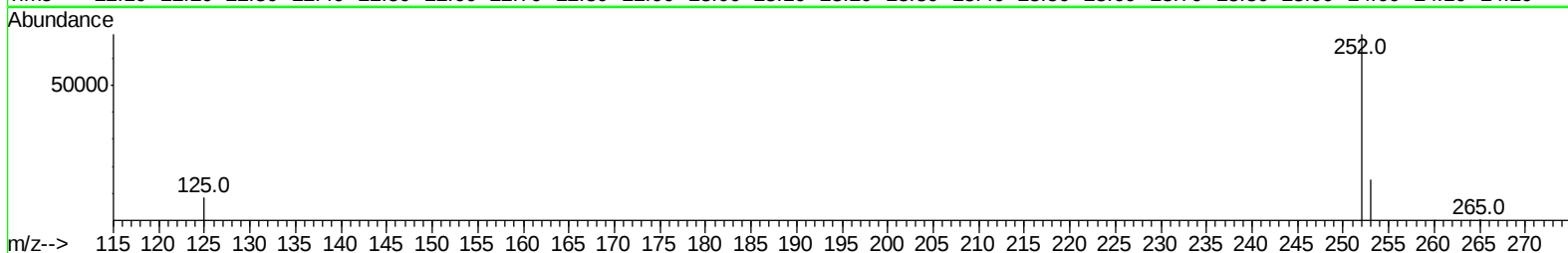
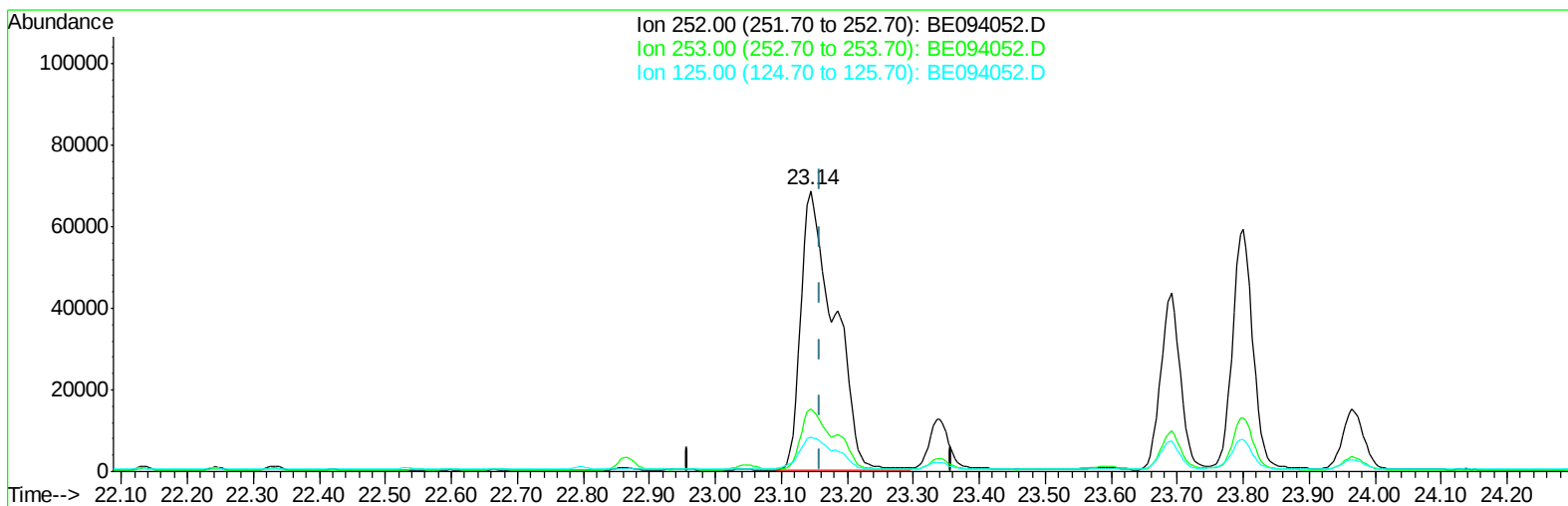
Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\  
Data File : BE094052.D  
Acq On : 21 Sep 2017 3:36  
Operator : SJ/JU  
Sample : I5283-19 5X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
CB3C2

Manual Integrations  
APPROVED

Sohil  
9/22/2017 3:56:15 PM

Quant Time: Sep 21 07:30:14 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: BE094052.D

(21) Benzo(b)fluoranthene

23.144min (-0.014) 5.16ng/ul

response 239930

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.41 |
| 125.00 | 17.50 | 12.43 |
| 0.00   | 0.00  | 0.00  |

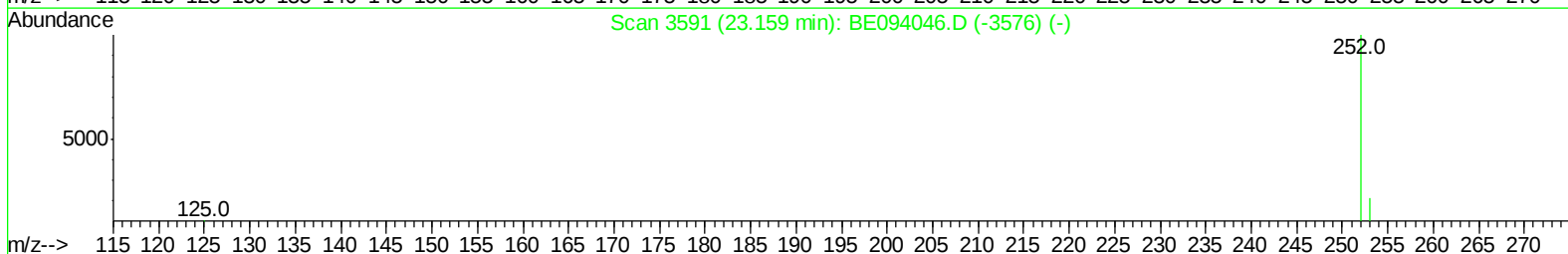
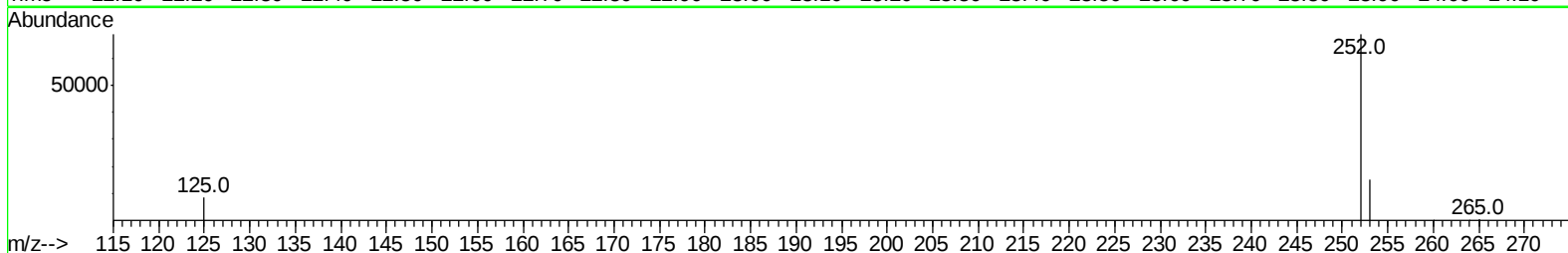
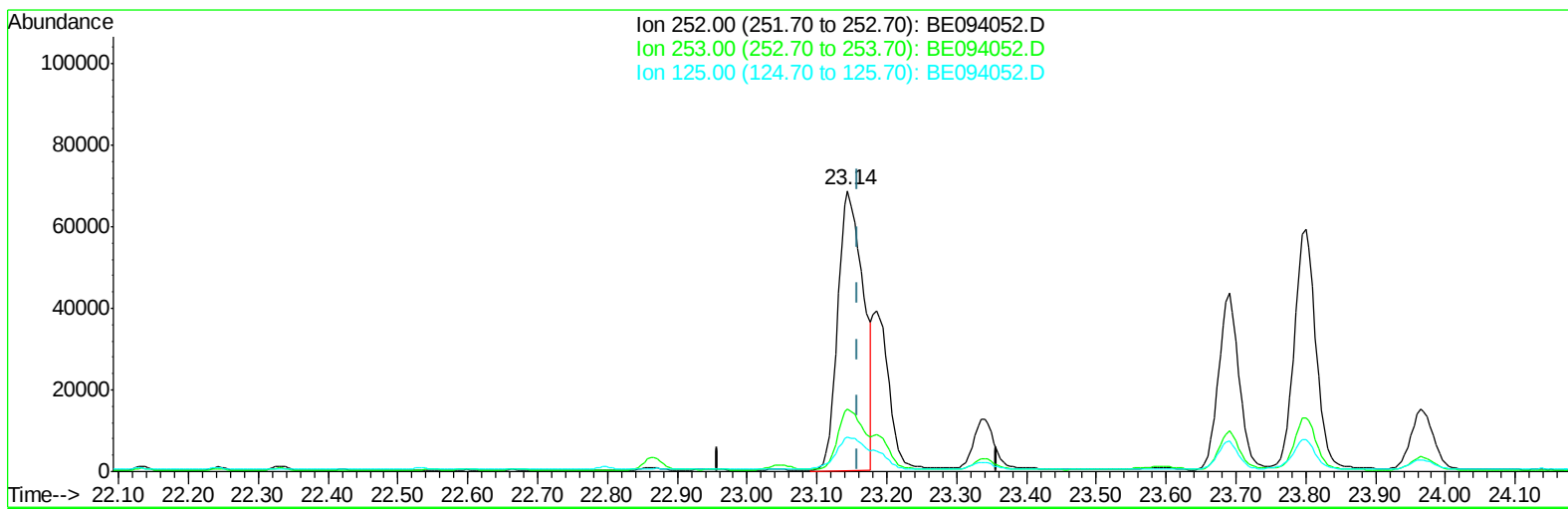
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Response via : Initial Calibration



TIC: BE094052.D

(21) Benzo(b)fluoranthene

23.144min (-0.014) 3.76ng/ul m

response 174766

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.41 |
| 125.00 | 17.50 | 12.43 |
| 0.00   | 0.00  | 0.00  |

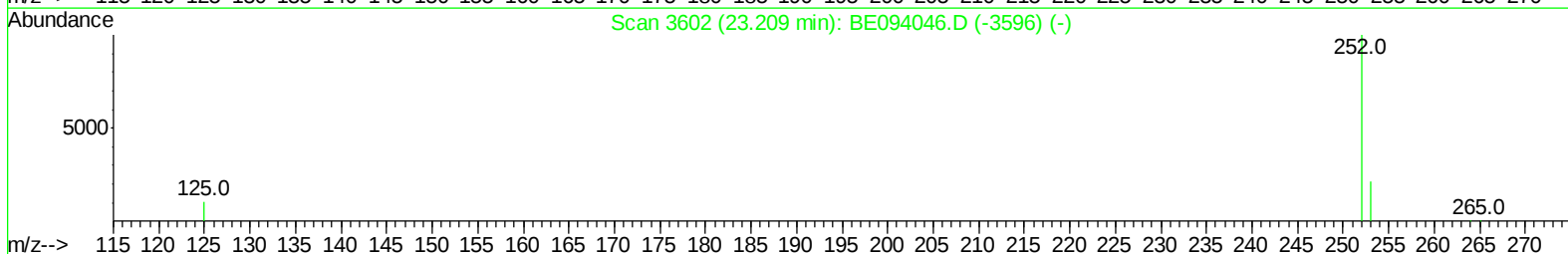
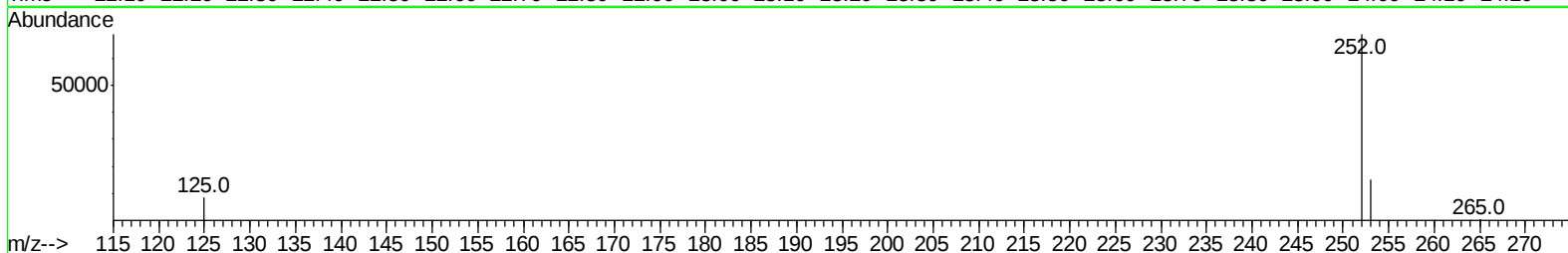
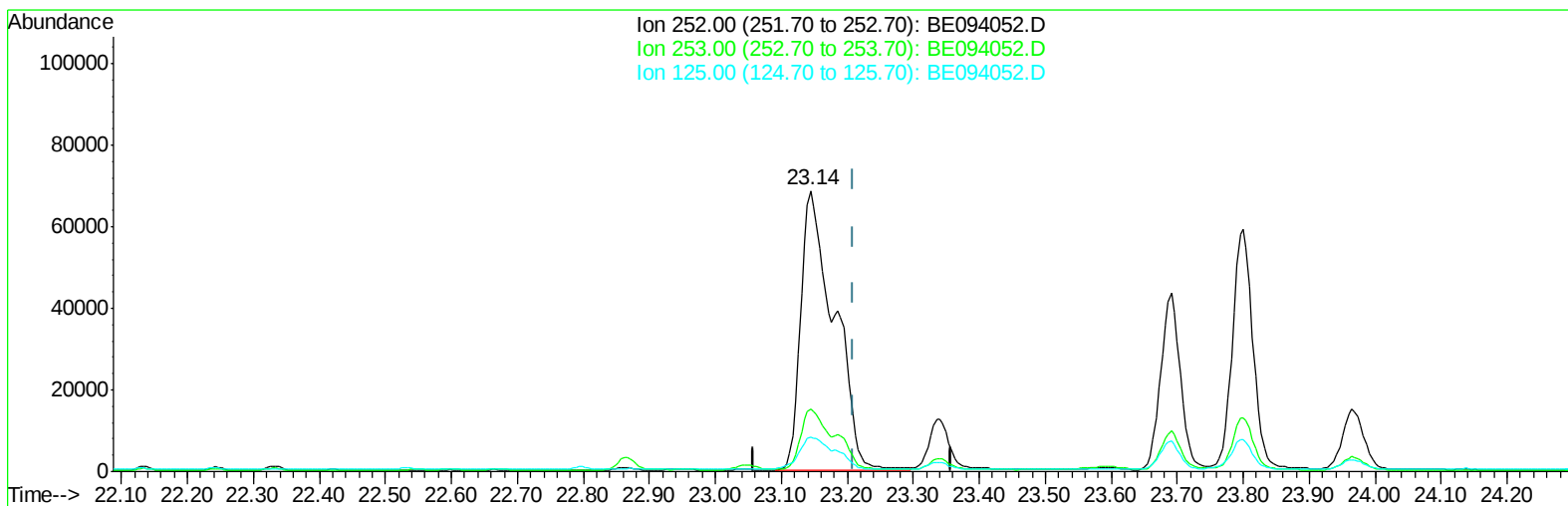
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Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
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Manual Integrations  
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TIC: BE094052.D

(22) Benzo(k)fluoranthene

23.144min (-0.064) 4.47ng/ul

response 239930

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 22.41# |
| 125.00 | 17.10 | 12.43# |
| 0.00   | 0.00  | 0.00   |

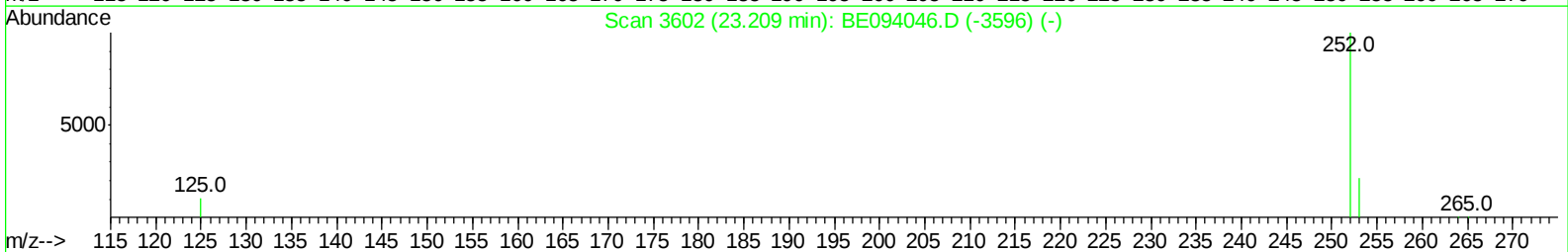
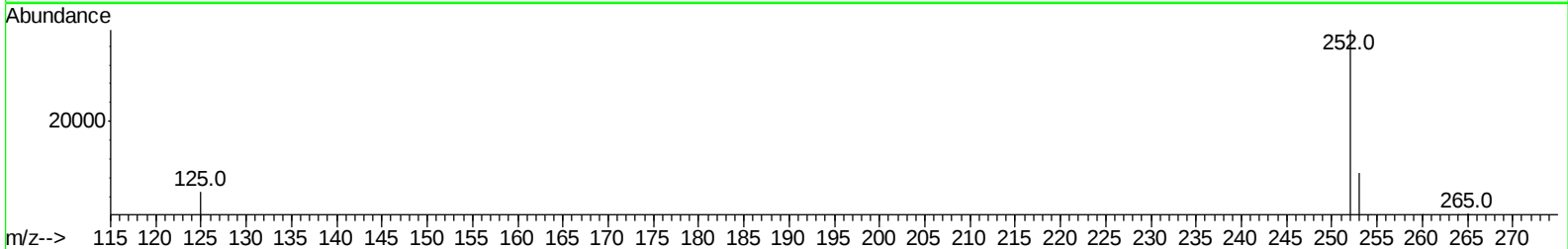
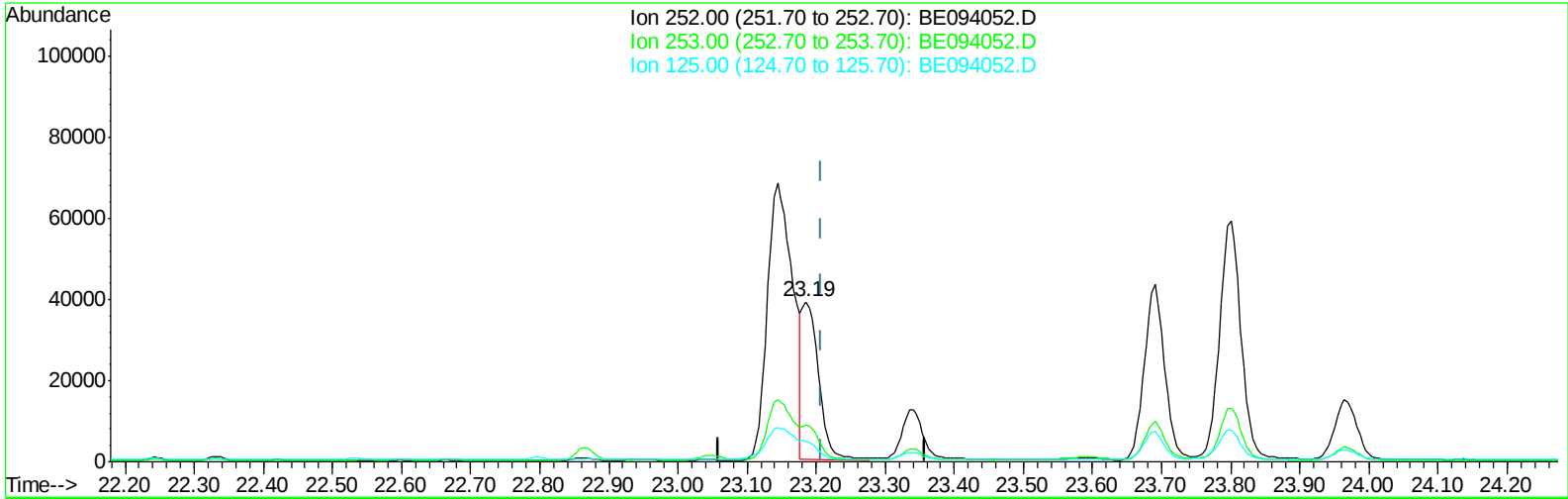
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Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
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TIC: BE094052.D

(22) Benzo(k)fluoranthene

23.185min (-0.023) 1.20ng/ul m

response 64624

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 22.96# |
| 125.00 | 17.10 | 12.70# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\  
 Data File : BE094052.D  
 Acq On : 21 Sep 2017 3:36  
 Operator : SJ/JU  
 Sample : I5283-19 5X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CB3C2

Manual Integrations  
 APPROVED

Sohil  
 9/22/2017 3:56:15 PM

Quant Time: Sep 21 07:48:33 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  | 1643     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.70 | 136  | 8564     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 5764     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.24 | 188  | 14637    | 0.40   | ng/ul  | -0.03    |
| 16) Chrysene-d12            | 21.41 | 240  | 16814    | 0.40   | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.91 | 264  | 17108    | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 878      | 0.07   | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.27 | 212  | 3115     | 0.06   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.75 | 128  | 9081     | 0.433  | ng/ul# | 92       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 4427     | 0.325  | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.24 | 152  | 6840     | 0.304  | ng/ul  | 98       |
| 8) Acenaphthene             | 14.58 | 153  | 5461     | 0.295  | ng/ul  | 99       |
| 9) Fluorene                 | 15.57 | 166  | 6683     | 0.308  | ng/ul  | 95       |
| 12) Phenanthrene            | 17.29 | 178  | 157489   | 4.117  | ng/ul# | 92       |
| 13) Anthracene              | 17.38 | 178  | 34249    | 0.921  | ng/ul# | 92       |
| 15) Fluoranthene            | 19.30 | 202  | 294834   | 5.866  | ng/ul  | 84       |
| 17) Pyrene                  | 19.66 | 202  | 278136   | 5.945  | ng/ul# | 84       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 145353   | 3.259  | ng/ul# | 87       |
| 19) Chrysene                | 21.44 | 228  | 149814   | 2.908  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.14 | 252  | 174766m  | 3.761  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.19 | 252  | 64624m   | 1.203  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.80 | 252  | 125318   | 2.595  | ng/ul# | 79       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.56 | 276  | 80063    | 1.621  | ng/ul# | 80       |
| 25) Dibenzo(a,h)anthracene  | 26.56 | 278  | 21261    | 0.513  | ng/ul  | 95       |
| 26) Benzo(a,h,i)perylene    | 27.38 | 276  | 82433    | 1.935  | ng/ul  | 97       |

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

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