

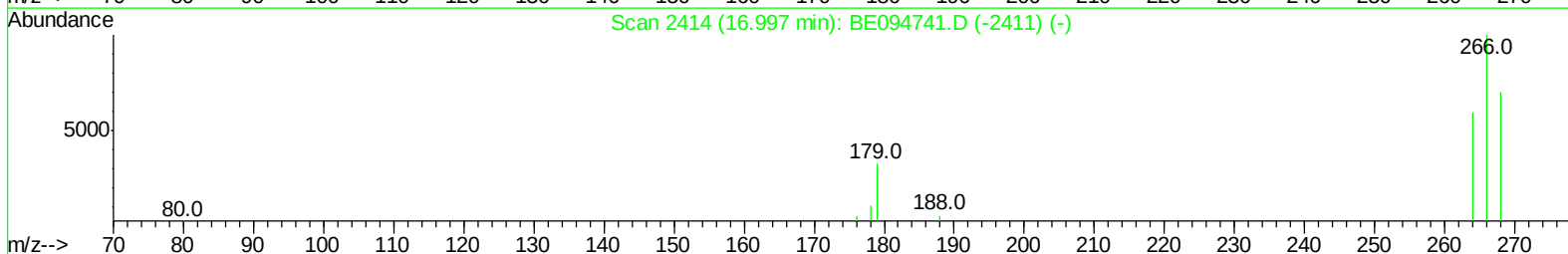
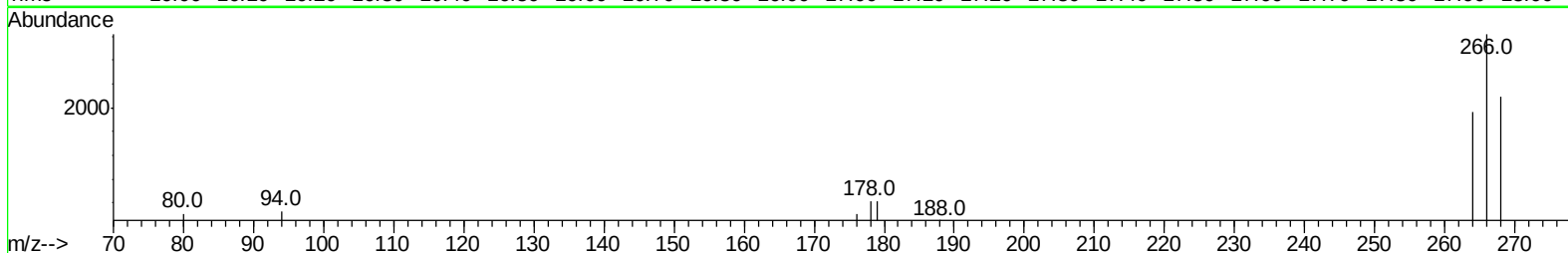
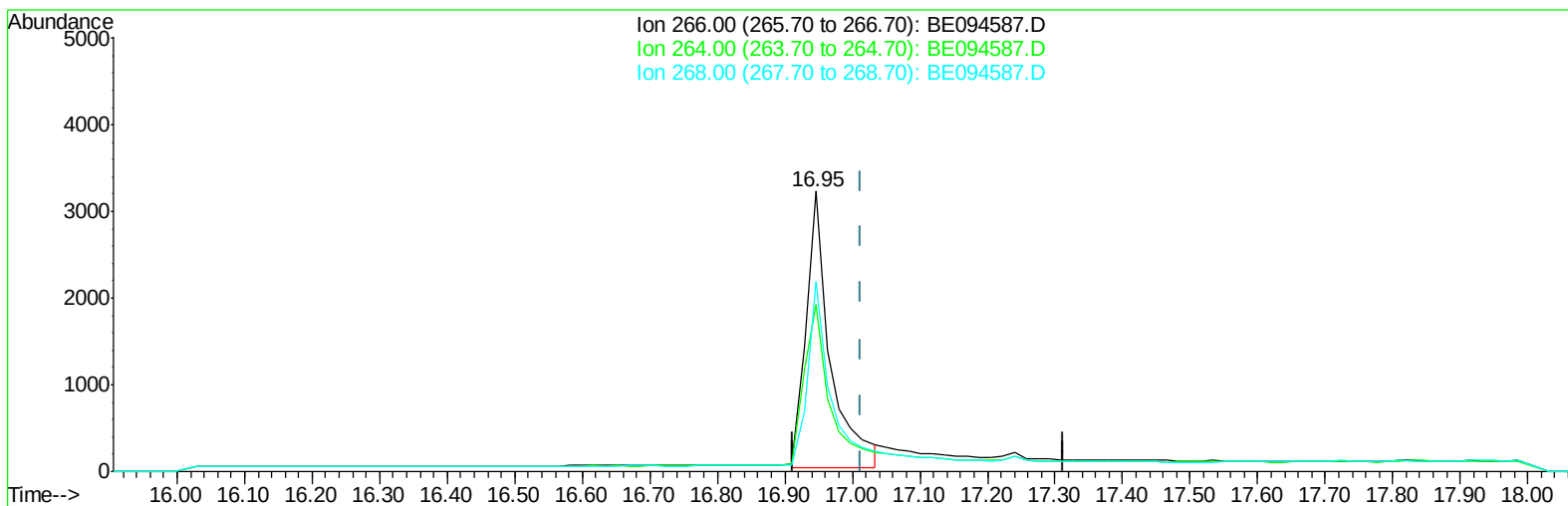
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA E\Data\BE102617\  
Data File : BE094587.D  
Acq On : 27 Oct 2017 9:43  
Operator : SJ/JU  
Sample : I5786-02MS 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-38(FILL)\_100917MS

Manual Integrations  
APPROVED

Sohil  
10/27/2017 5:36:01 PM

Quant Time: Oct 27 09:32:16 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 27 04:05:19 2017  
Response via : Initial Calibration



TIC: BE094587.D

(11) Pentachlorophenol

16.945min (-0.068) 13.98ng/ul m

response 7991

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 266.00 | 100   | 100   |
| 264.00 | 59.90 | 0.00# |
| 268.00 | 62.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |

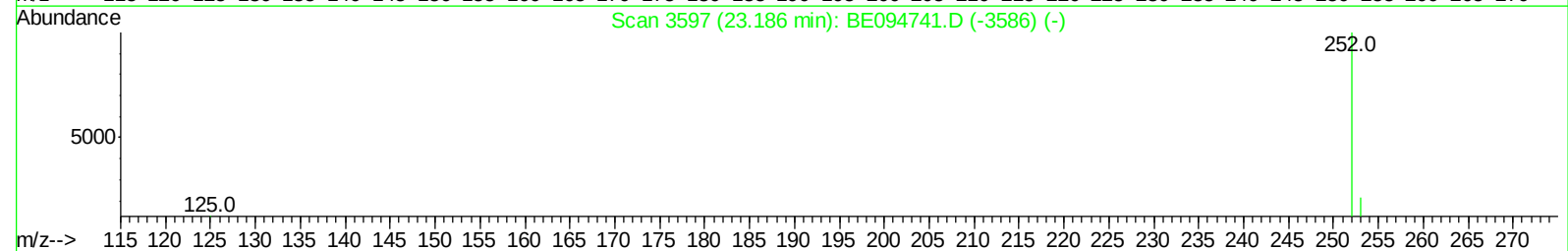
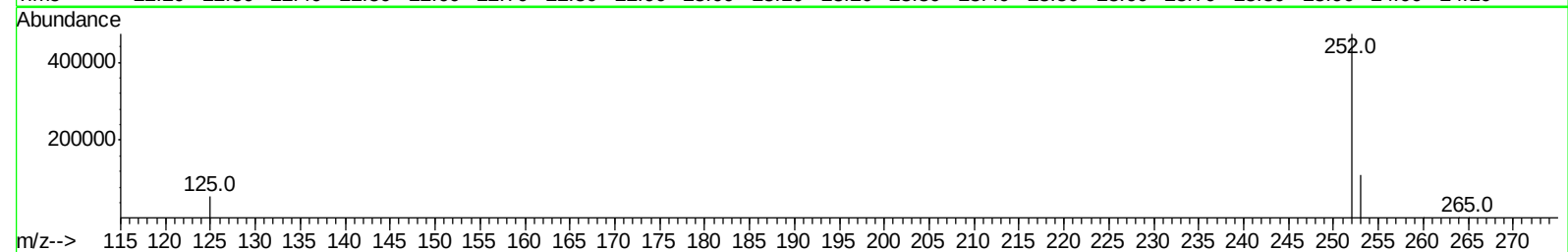
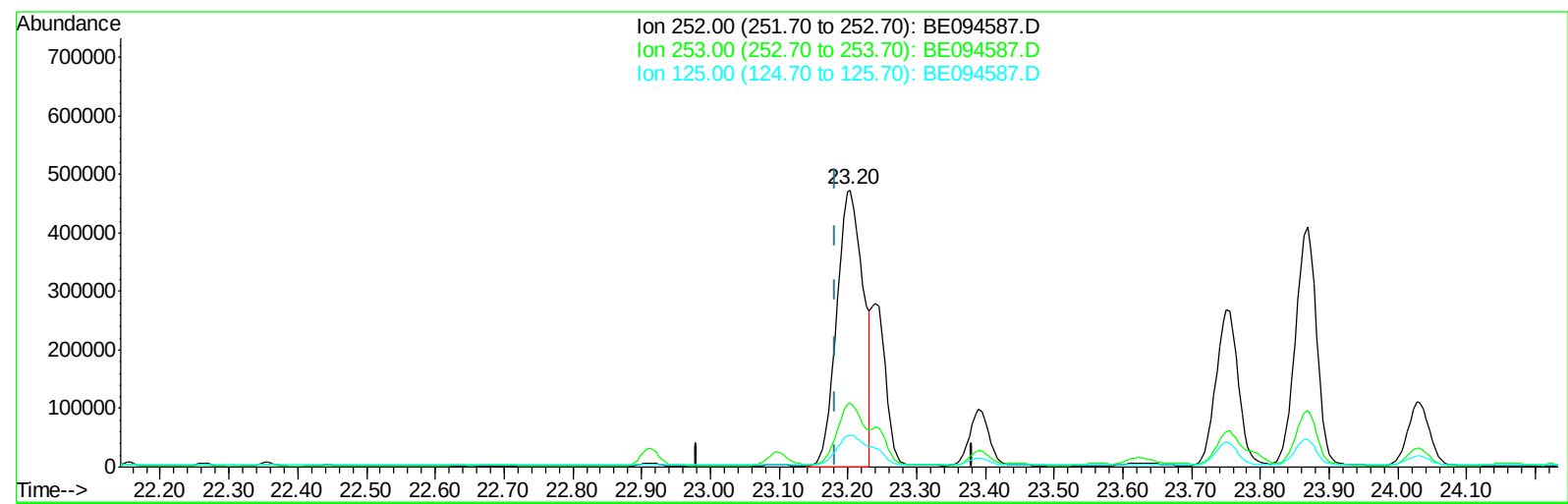
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA E\Data\BE102617\  
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Response via : Initial Calibration



TIC: BE094587.D

(21) Benzo(b)fluoranthene

23.203min (+0.022) 36.31ng/ul m

response 1269354

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.21 |
| 125.00 | 17.50 | 11.55 |
| 0.00   | 0.00  | 0.00  |

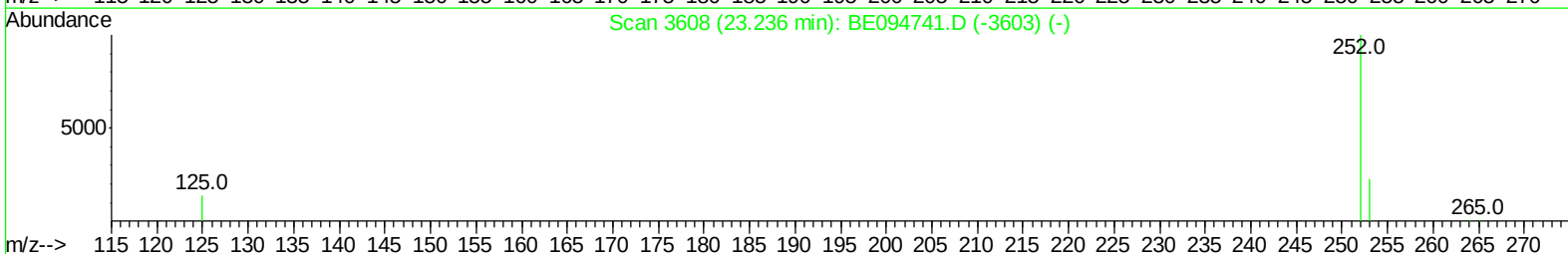
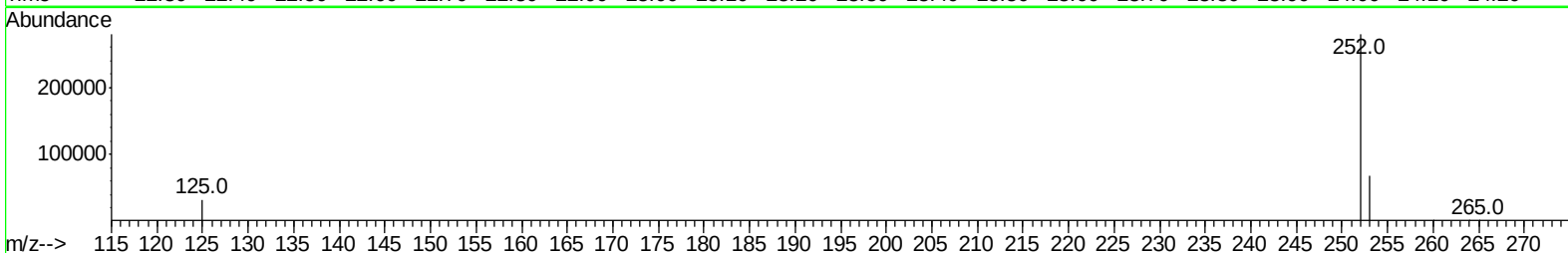
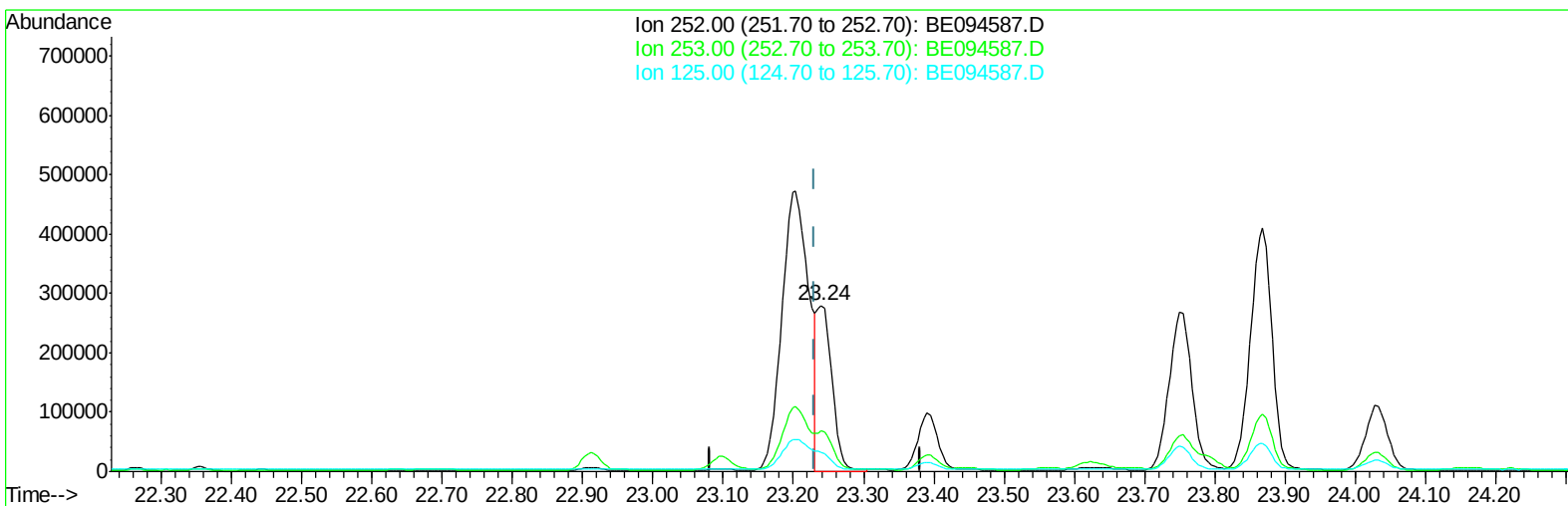
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Data File : BE094587.D  
Acq On : 27 Oct 2017 9:43  
Operator : SJ/JU  
Sample : I5786-02MS 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-38(FILL)\_100917MS

Manual Integrations  
APPROVED

Sohil  
10/27/2017 5:36:01 PM

Quant Time: Oct 27 09:32:16 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 27 04:05:19 2017  
Response via : Initial Calibration



TIC: BE094587.D

(22) Benzo(k)fluoranthene

23.240min (+0.009) 10.93ng/ul m

response 409562

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 24.25# |
| 125.00 | 17.10 | 11.52# |
| 0.00   | 0.00  | 0.00   |

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA E\Data\BE102617\  
 Data File : BE094587.D  
 Acq On : 27 Oct 2017 9:43  
 Operator : SJ/JU  
 Sample : I5786-02MS 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B-38(FILL)\_100917MS

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 5:36:01 PM

Quant Time: Oct 27 09:32:16 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 27 04:05:19 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.90  | 152  | 1663     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.69 | 136  | 9126     | 0.40   | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.51 | 164  | 5286     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 11447    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.44 | 240  | 11254    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.97 | 264  | 12429    | 0.40   | ng/ul  | 0.01     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 1051     | 0.07   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.29 | 212  | 2264     | 0.07   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |        | Ovalue |          |
| 3) Naphthalene              | 10.74 | 128  | 24972    | 1.119  | ng/ul# | 92       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 9947     | 0.637  | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.24 | 152  | 71264    | 2.980  | ng/ul  | 95       |
| 8) Acenaphthene             | 14.58 | 153  | 117323   | 6.828  | ng/ul  | 99       |
| 9) Fluorene                 | 15.57 | 166  | 38068    | 1.973  | ng/ul  | 94       |
| 11) Pentachlorophenol       | 16.95 | 266  | 7991m    | 13.980 | ng/ul  |          |
| 12) Phenanthrene            | 17.29 | 178  | 796981   | 26.359 | ng/ul# | 87       |
| 13) Anthracene              | 17.38 | 178  | 218381   | 7.319  | ng/ul# | 89       |
| 15) Fluoranthene            | 19.32 | 202  | 1786857  | 51.118 | ng/ul  | 84       |
| 17) Pyrene                  | 19.68 | 202  | 1785560  | 51.322 | ng/ul# | 80       |
| 18) Benzo(a)anthracene      | 21.42 | 228  | 1022203  | 31.773 | ng/ul# | 87       |
| 19) Chrysene                | 21.47 | 228  | 895212   | 26.920 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.20 | 252  | 1269354m | 36.307 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.24 | 252  | 409562m  | 10.931 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.87 | 252  | 872603   | 24.969 | ng/ul# | 79       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.69 | 276  | 574397   | 15.884 | ng/ul# | 75       |
| 25) Dibenzo(a,h)anthracene  | 26.68 | 278  | 151527   | 4.973  | ng/ul  | 96       |
| 26) Benzo(g,h,i)perylene    | 27.53 | 276  | 405864   | 13.977 | ng/ul  | 96       |

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

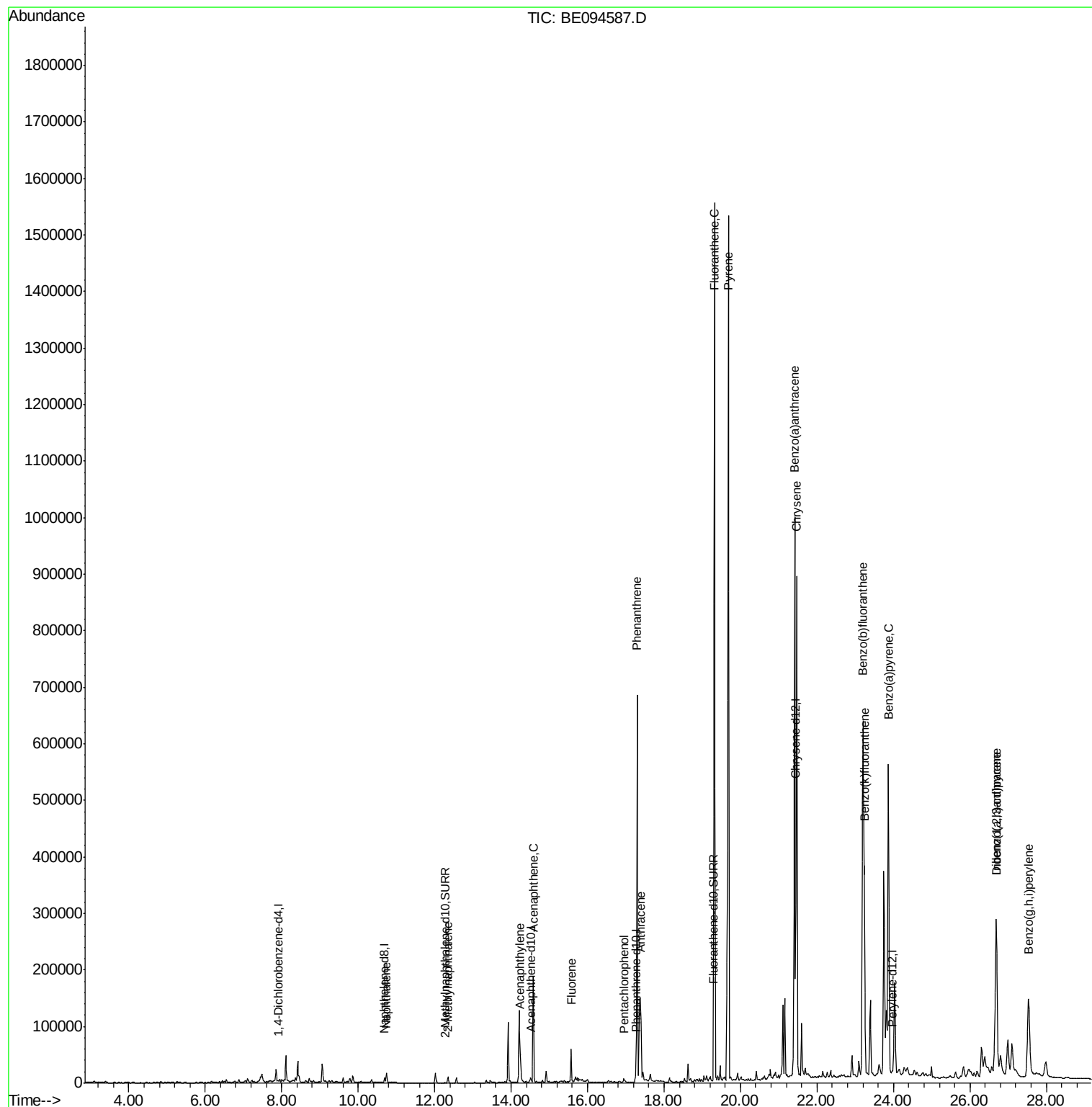
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA E\Data\BE102617\  
Data File : BE094587.D  
Acq On : 27 Oct 2017 9:43  
Operator : SJ/JU  
Sample : I5786-02MS 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
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Manual Integrations  
APPROVED

Sohil  
10/27/2017 5:36:01 PM

Quant Time: Oct 27 09:32:16 2017  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 27 04:05:19 2017  
Response via : Initial Calibration



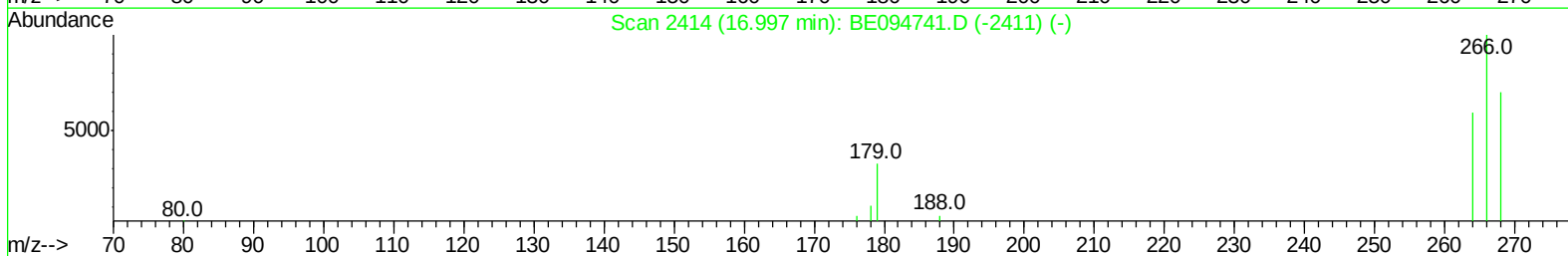
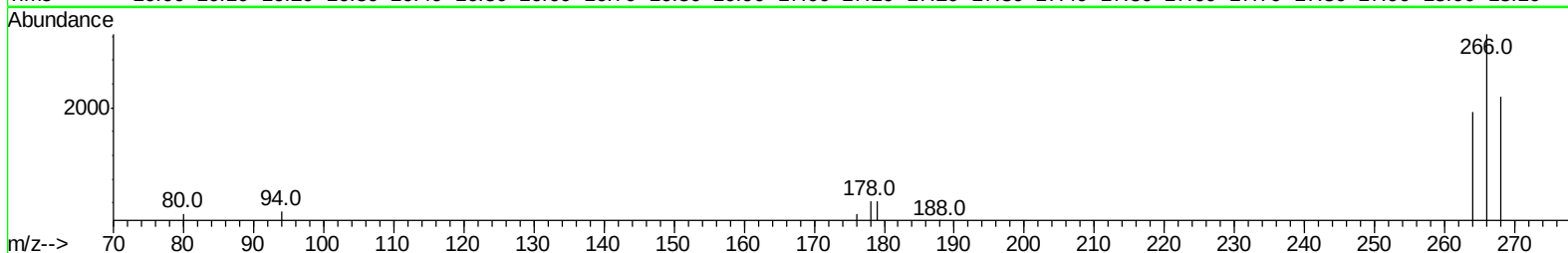
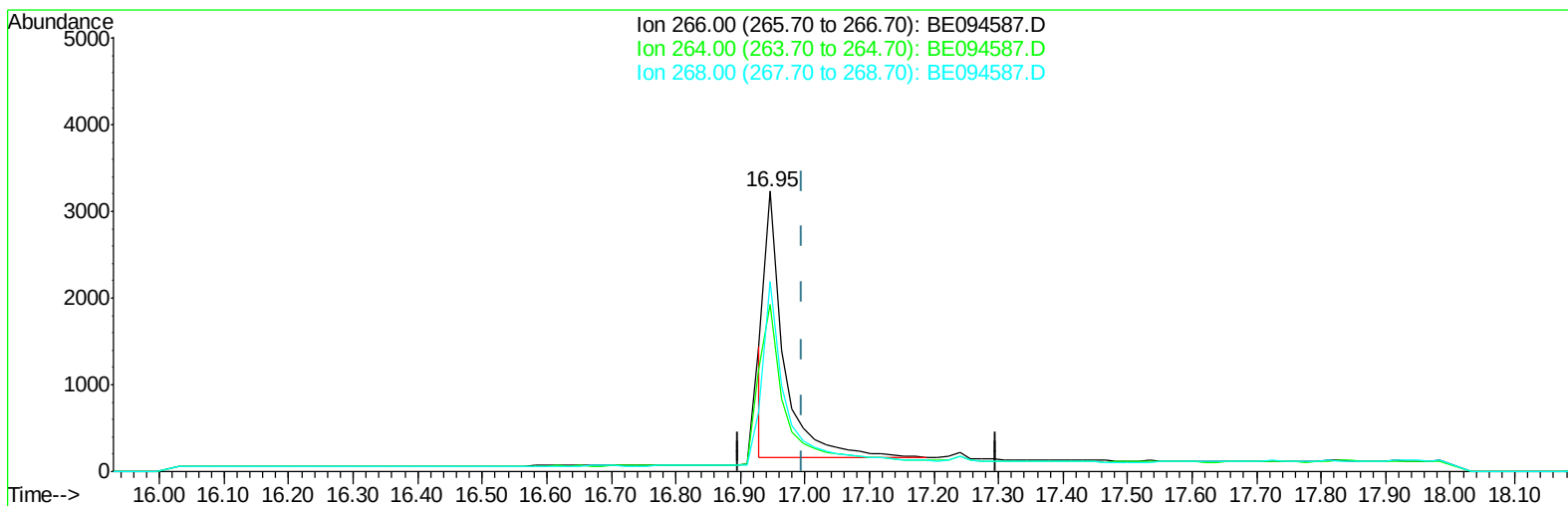
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Data File : BE094587.D  
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Operator : SJ/JU  
Sample : I5786-02MS 5X  
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ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-38(FILL)\_100917MS

Manual Integrations  
APPROVED

Sohil  
10/27/2017 5:36:01 PM

Quant Time: Nov 06 14:42:12 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 06 00:30:51 2017  
Response via : Initial Calibration



TIC: BE094587.D

(11) Pentachlorophenol

16.945min (-0.052) 10.87ng/ul

response 6211

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 266.00 | 100   | 100   |
| 264.00 | 59.90 | 58.24 |
| 268.00 | 62.30 | 69.07 |
| 0.00   | 0.00  | 0.00  |

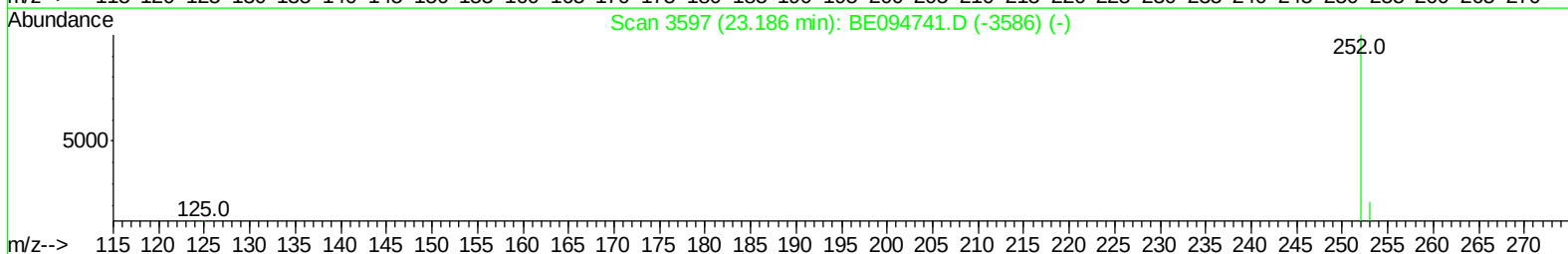
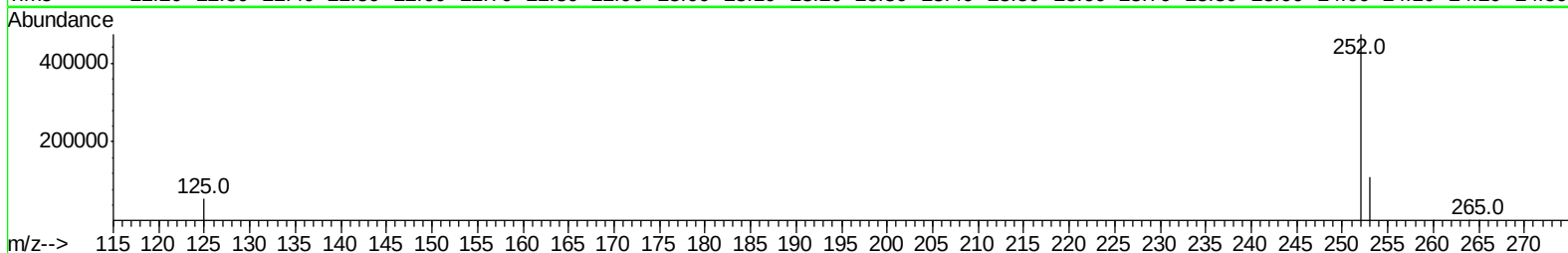
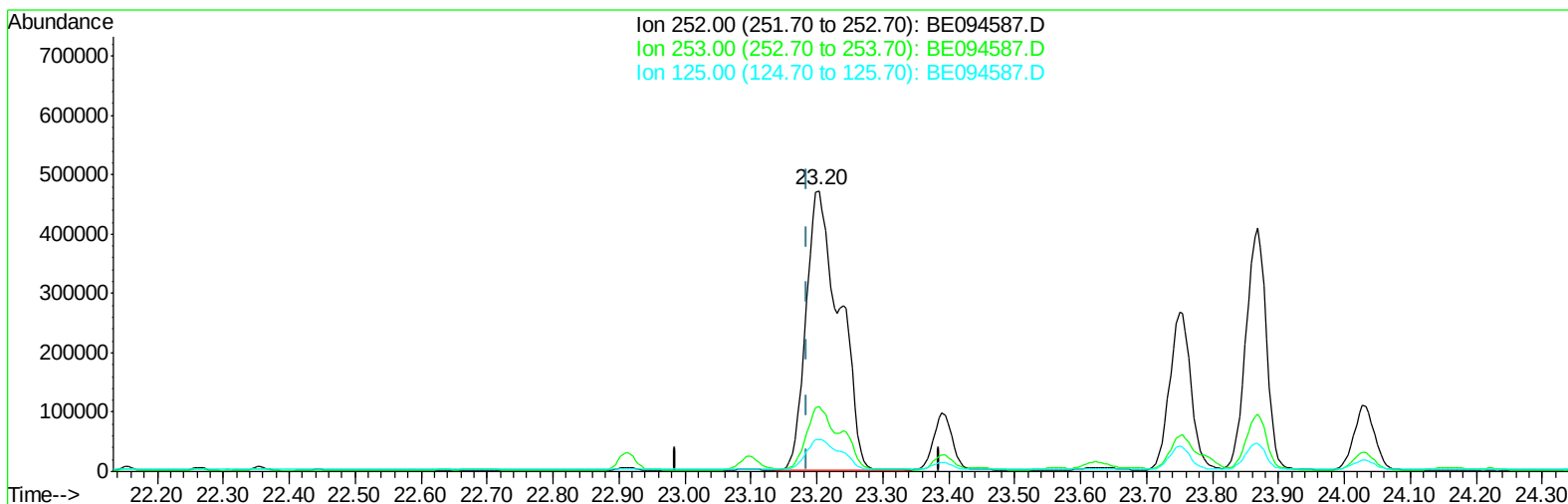
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA E\Data\BE102617\  
Data File : BE094587.D  
Acq On : 27 Oct 2017 9:43  
Operator : SJ/JU  
Sample : I5786-02MS 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
B-38(FILL)\_100917MS

Manual Integrations  
APPROVED

Sohil  
10/27/2017 5:36:01 PM

Quant Time: Nov 06 14:42:12 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 06 00:30:51 2017  
Response via : Initial Calibration



TIC: BE094587.D

(21) Benzo(b)fluoranthene

23.203min (+0.018) 47.53ng/ul

response 1661768

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.21 |
| 125.00 | 17.50 | 11.55 |
| 0.00   | 0.00  | 0.00  |

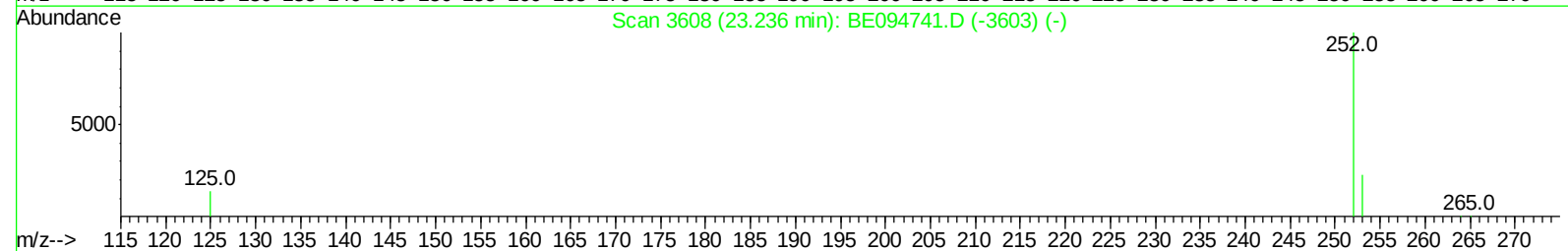
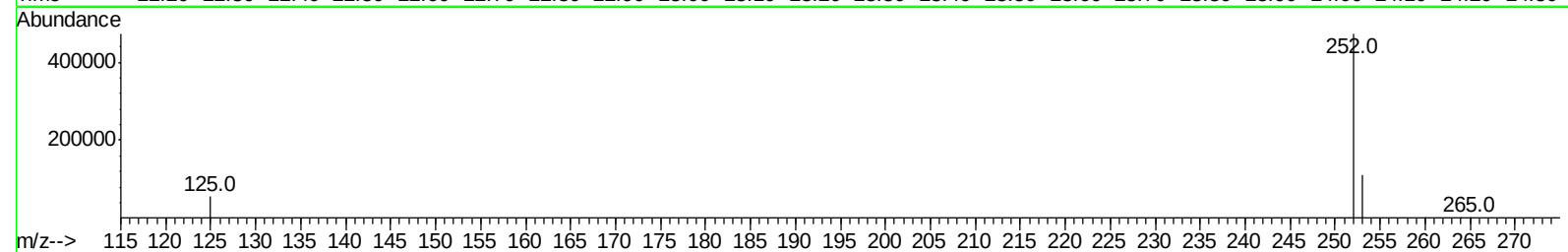
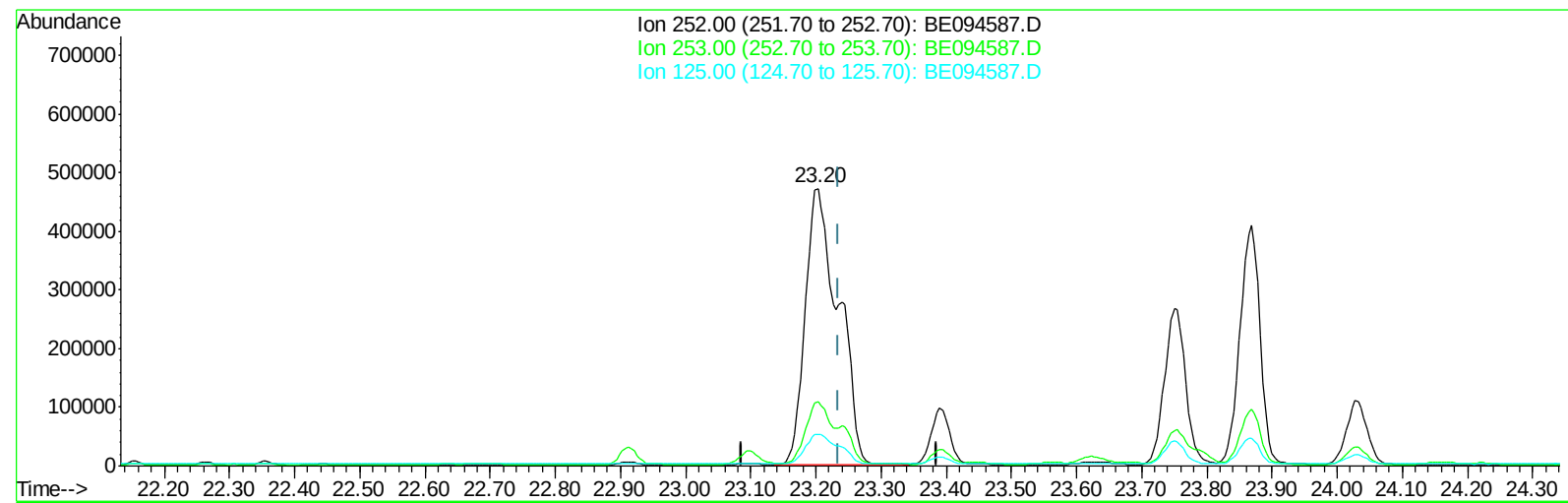
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ALS Vial : 30 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
APPROVED

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10/27/2017 5:36:01 PM

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M  
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QLast Update : Mon Nov 06 00:30:51 2017  
Response via : Initial Calibration



TIC: BE094587.D

(22) Benzo(k)fluoranthene

23.203min (-0.033) 44.35ng/ul

response 1661768

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.21# |
| 125.00 | 17.10 | 11.55# |
| 0.00   | 0.00  | 0.00   |