

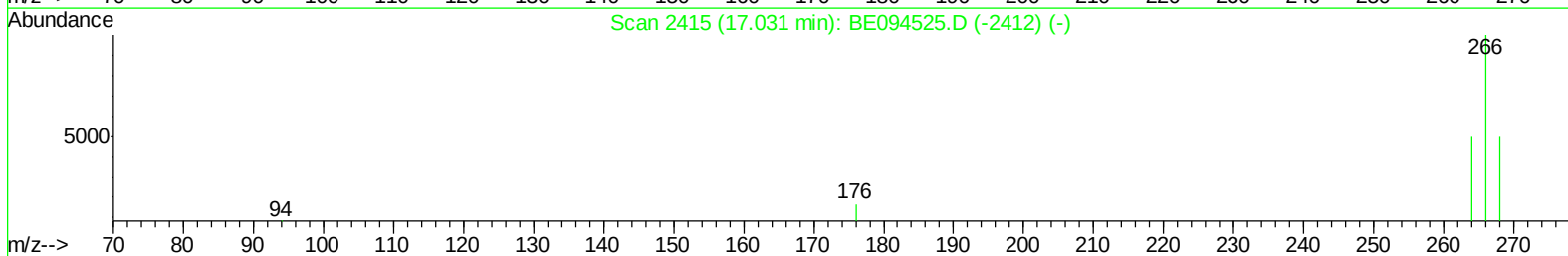
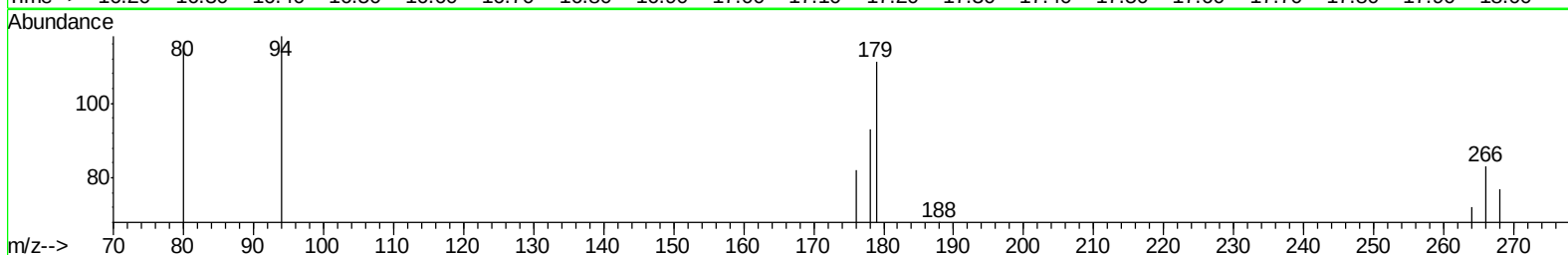
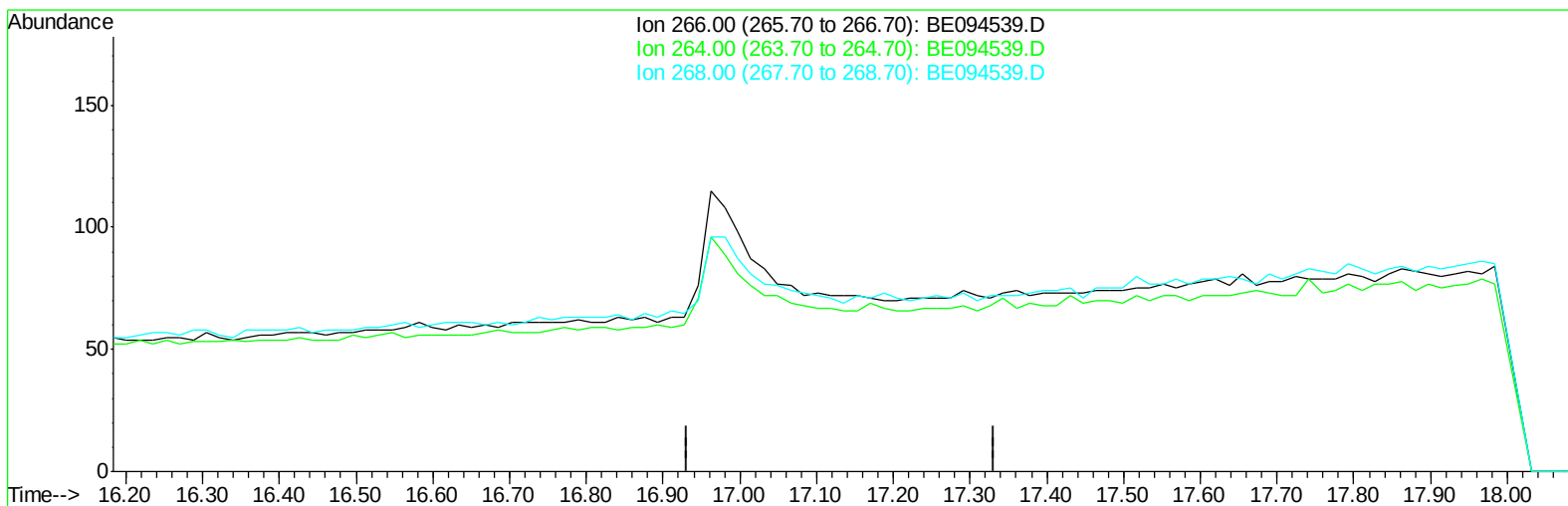
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
 Data File : BE094539.D  
 Acq On : 25 Oct 2017 18:51  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTD0.455

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:29:01 AM

Quant Time: Oct 25 19:33:49 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 25 18:44:03 2017  
 Response via : Initial Calibration



TIC: BE094539.D

(11) Pentachlorophenol

17.032min (-17.032) 0.00ng/ul

response 0

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

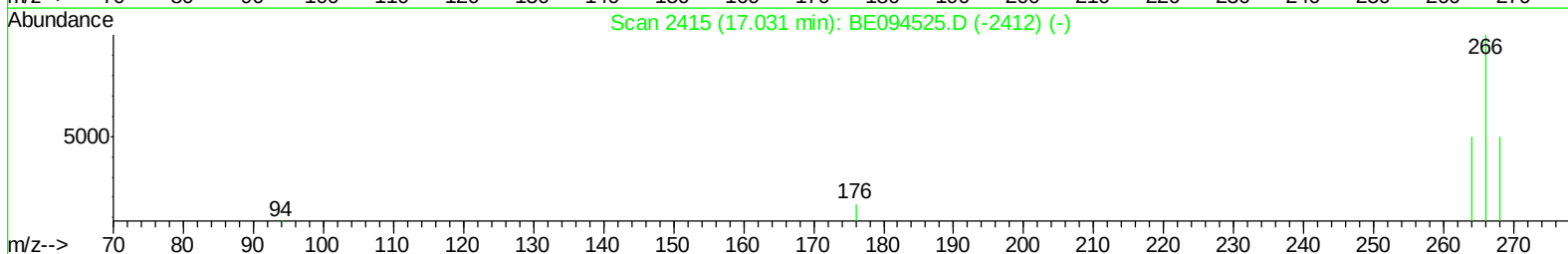
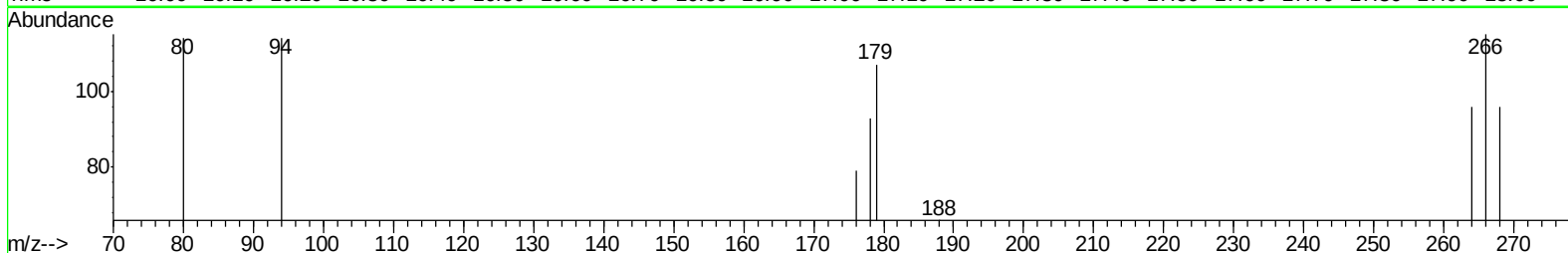
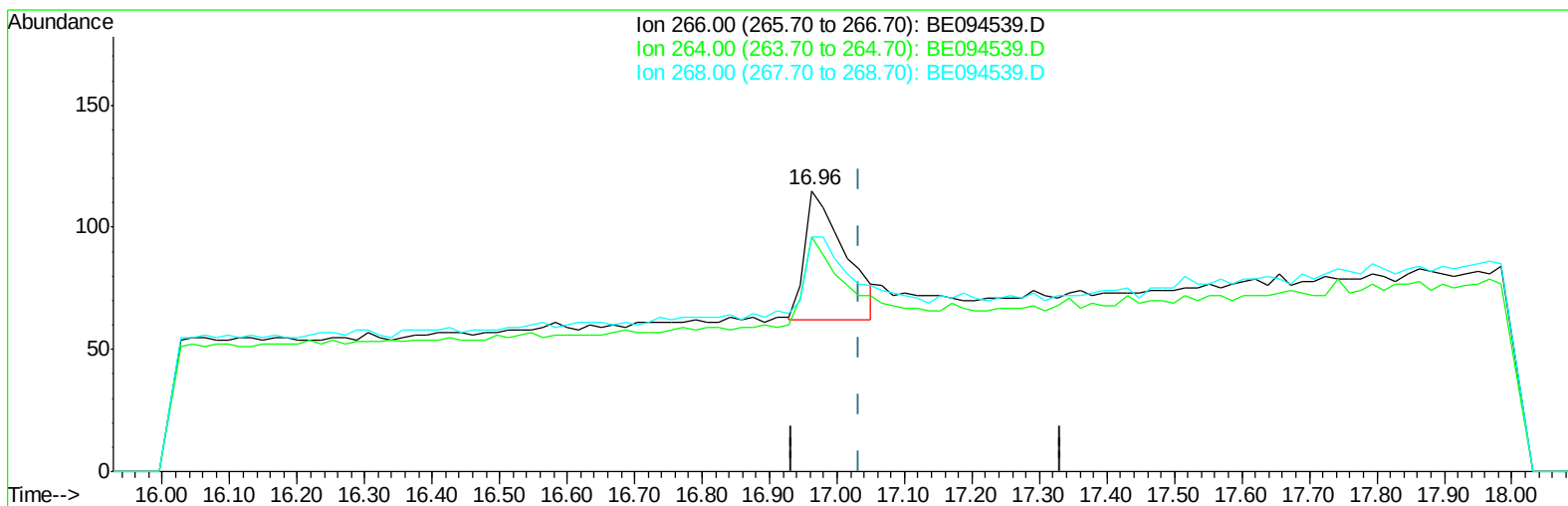
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
Data File : BE094539.D  
Acq On : 25 Oct 2017 18:51  
Operator : SJ/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTD0.455

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:29:01 AM

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QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration



TIC: BE094539.D

(11) Pentachlorophenol

16.963min (-0.070) 0.51ng/ul m

response 218

| 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  |

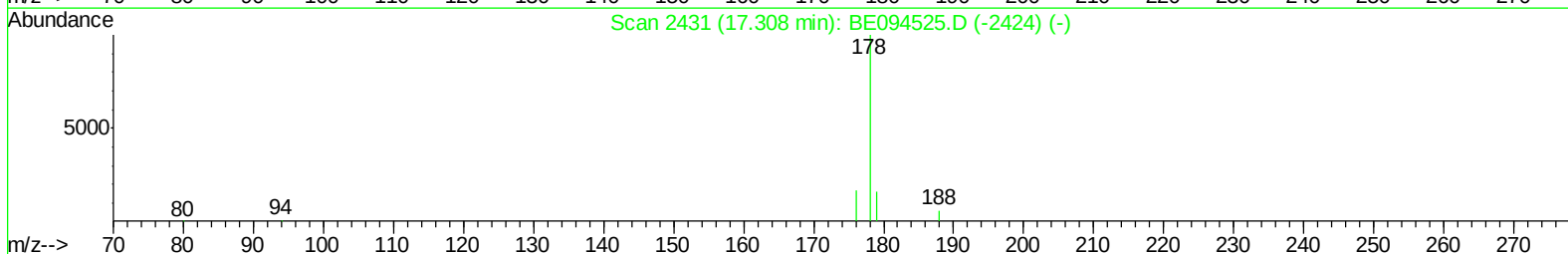
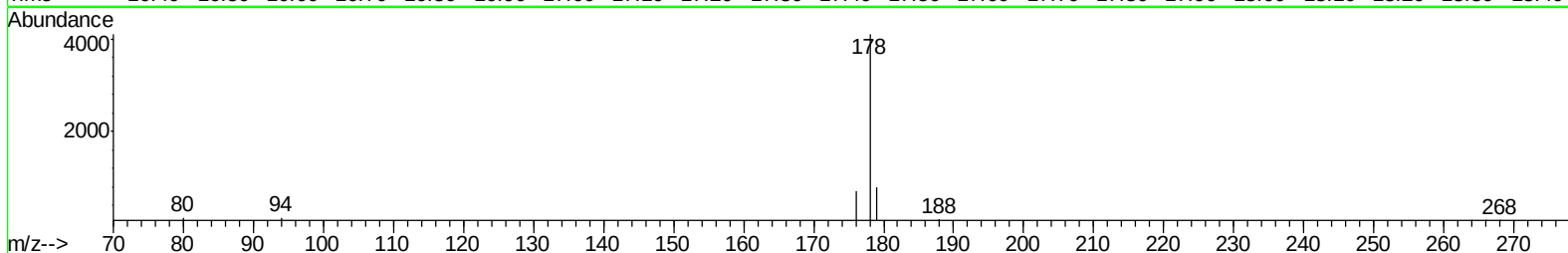
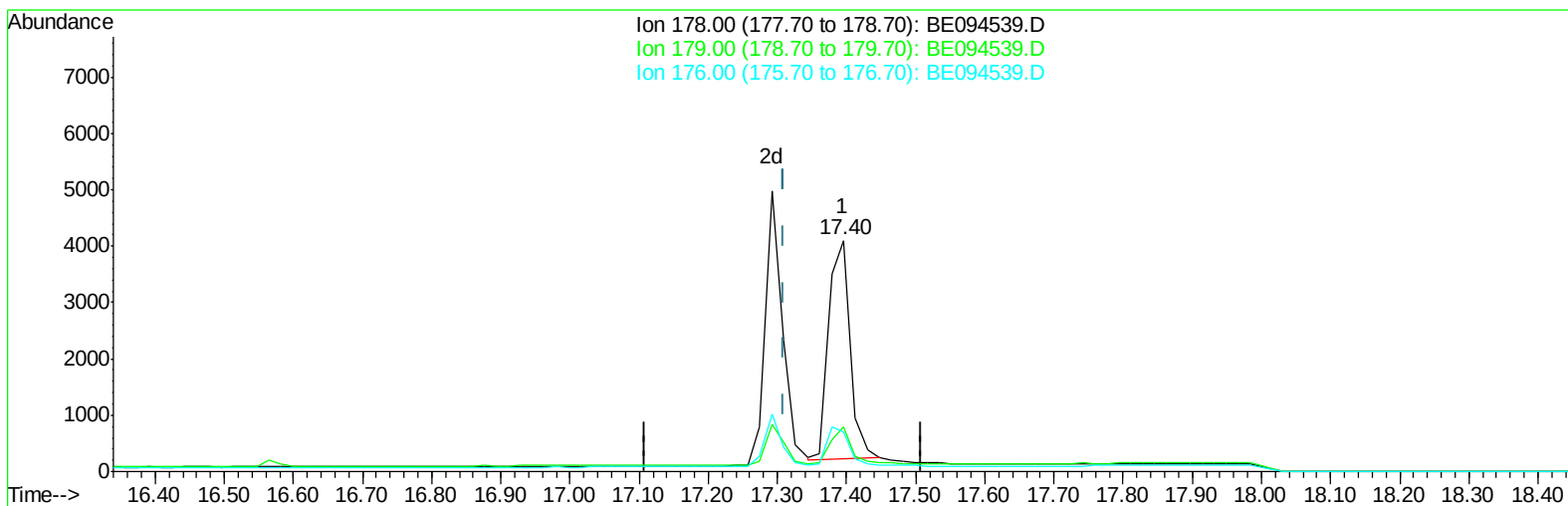
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
Data File : BE094539.D  
Acq On : 25 Oct 2017 18:51  
Operator : SJ/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTD0.455

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:29:01 AM

Quant Time: Oct 25 19:33:49 2017  
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QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration



TIC: BE094539.D

(12) Phenanthrene

17.395min (+0.086) 0.38ng/ul

response 8507

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 23.00 | 19.38 |
| 176.00 | 17.00 | 17.23 |
| 0.00   | 0.00  | 0.00  |

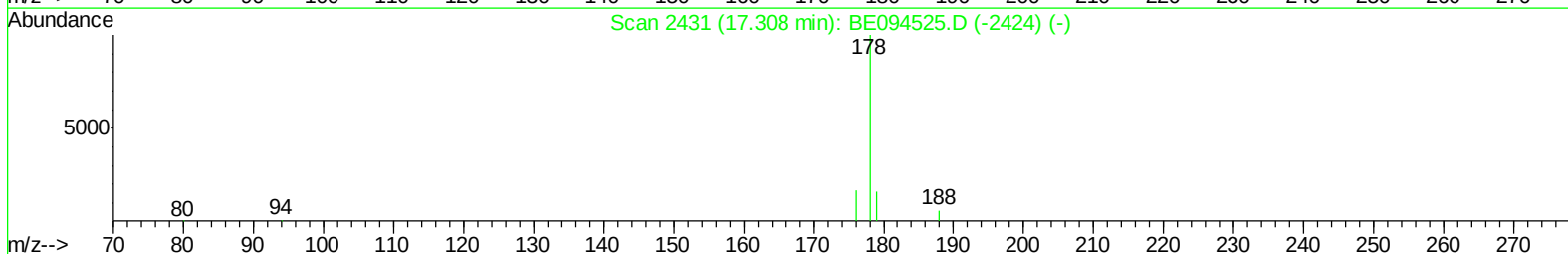
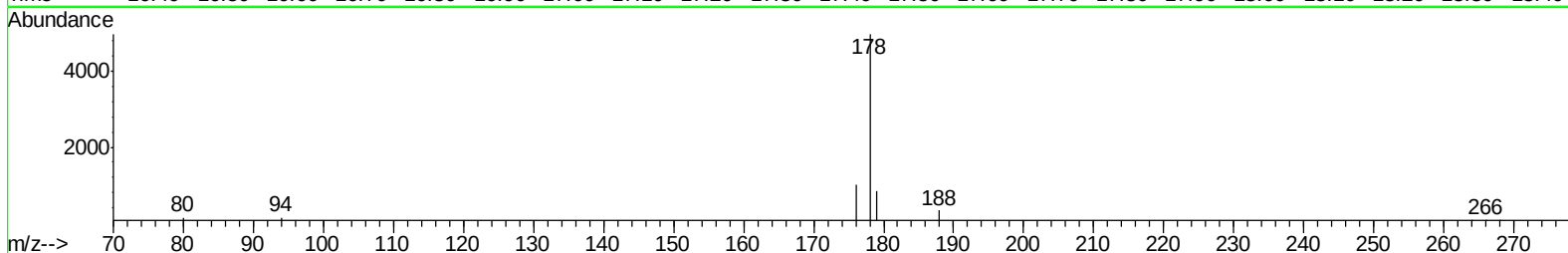
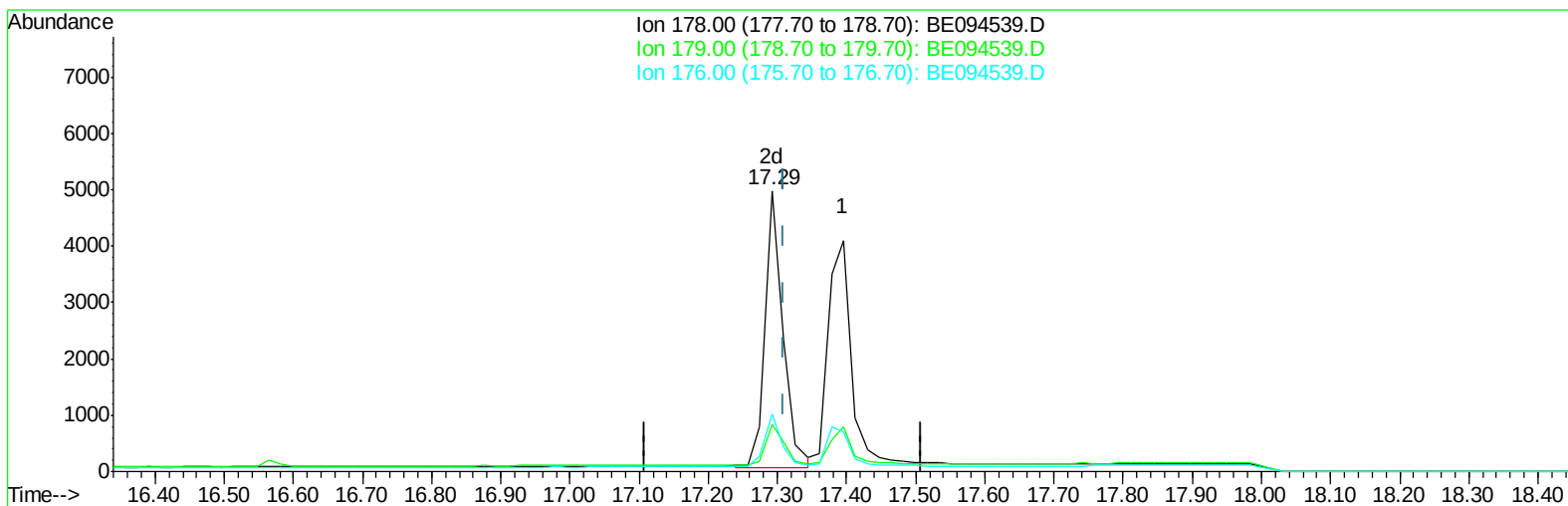
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
Data File : BE094539.D  
Acq On : 25 Oct 2017 18:51  
Operator : SJ/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTD0.455

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:29:01 AM

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Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
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QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration



TIC: BE094539.D

(12) Phenanthrene

17.291min (-0.018) 0.39ng/ul m

response 8855

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 16.81# |
| 176.00 | 17.00 | 20.51# |
| 0.00   | 0.00  | 0.00   |

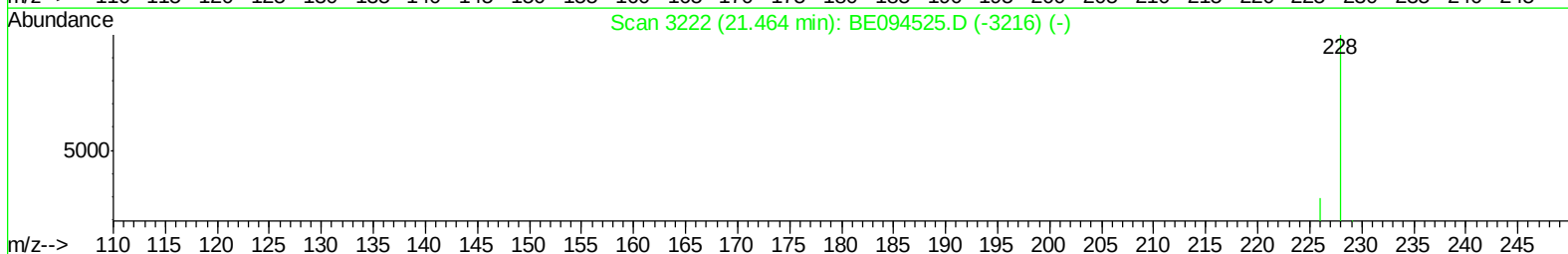
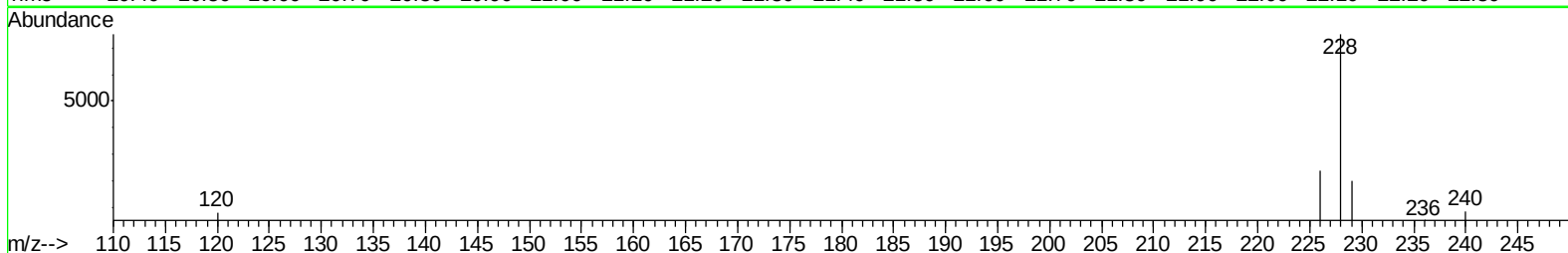
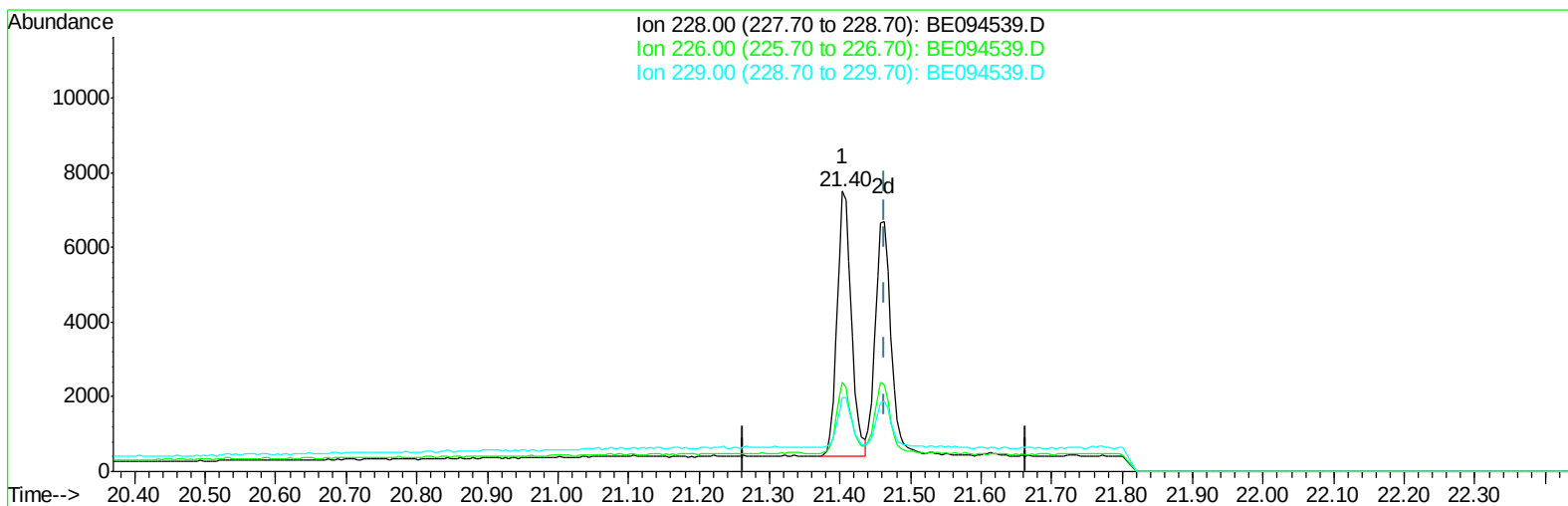
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
Data File : BE094539.D  
Acq On : 25 Oct 2017 18:51  
Operator : SJ/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTD0.455

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:29:01 AM

Quant Time: Oct 25 19:33:49 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 25 18:44:03 2017  
Response via : Initial Calibration



TIC: BE094539.D

(19) Chrysene

21.404min (-0.060) 0.40ng/ul

response 10023

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.20 | 31.99 |
| 229.00 | 22.10 | 26.30 |
| 0.00   | 0.00  | 0.00  |

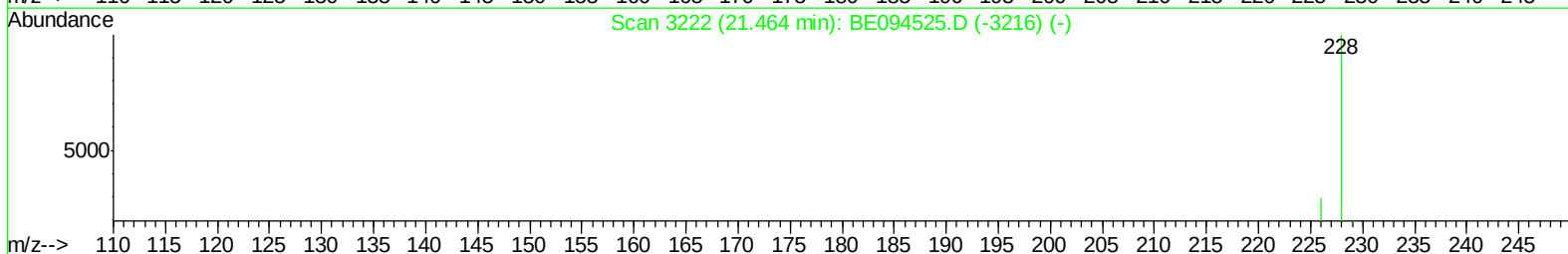
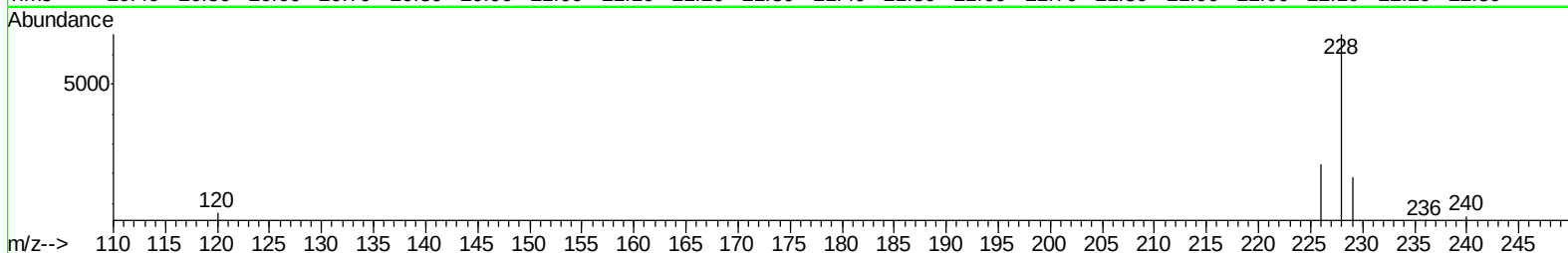
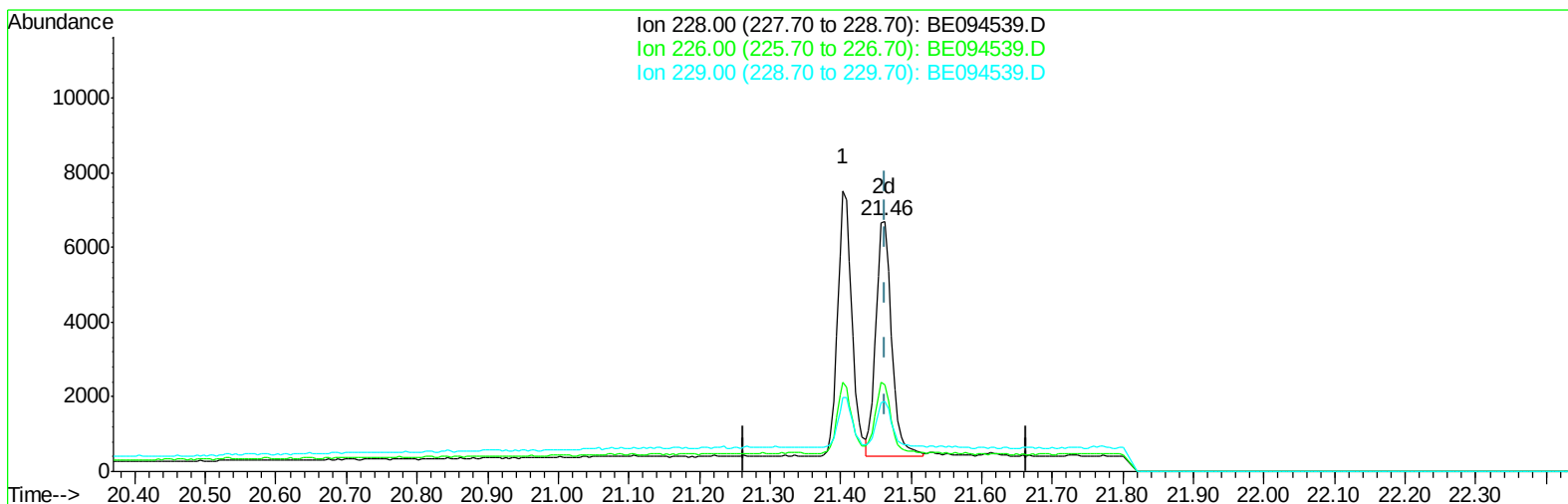
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
 Data File : BE094539.D  
 Acq On : 25 Oct 2017 18:51  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTD0.455

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:29:01 AM

Quant Time: Oct 25 19:33:49 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 25 18:44:03 2017  
 Response via : Initial Calibration



TIC: BE094539.D

(19) Chrysene

21.463min (-0.001) 0.38ng/ul m

response 9634

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.20 | 34.94  |
| 229.00 | 22.10 | 28.23# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE102517\  
 Data File : BE094539.D  
 Acq On : 25 Oct 2017 18:51  
 Operator : SJ/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTD0.455

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:29:01 AM

Quant Time: Oct 25 19:35:58 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1187     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 6739     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 3781     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 8540     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.42 | 240  | 8559     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.95 | 264  | 8353     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 4265     | 0.39   | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.28 | 212  | 10418    | 0.41   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.74 | 128  | 6359     | 0.386  | ng/ul# | 94       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 4415     | 0.383  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.24 | 152  | 6758     | 0.395  | ng/ul  | 97       |
| 8) Acenaphthene             | 14.58 | 153  | 4790     | 0.390  | ng/ul  | 99       |
| 9) Fluorene                 | 15.57 | 166  | 5576     | 0.404  | ng/ul  | 91       |
| 11) Pentachlorophenol       | 16.96 | 266  | 218m     | 0.511  | ng/ul  |          |
| 12) Phenanthrene            | 17.29 | 178  | 8855m    | 0.393  | ng/ul  |          |
| 13) Anthracene              | 17.40 | 178  | 9228     | 0.415  | ng/ul  | 95       |
| 15) Fluoranthene            | 19.31 | 202  | 10581    | 0.406  | ng/ul  | 84       |
| 17) Pyrene                  | 19.67 | 202  | 11240    | 0.425  | ng/ul# | 83       |
| 18) Benzo(a)anthracene      | 21.40 | 228  | 10023    | 0.410  | ng/ul# | 88       |
| 19) Chrysene                | 21.46 | 228  | 9634m    | 0.381  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 23.17 | 252  | 9420     | 0.401  | ng/ul  | 88       |
| 22) Benzo(k)fluoranthene    | 23.22 | 252  | 9855     | 0.391  | ng/ul# | 83       |
| 23) Benzo(a)pyrene          | 23.84 | 252  | 9753     | 0.415  | ng/ul# | 92       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.64 | 276  | 10444    | 0.430  | ng/ul# | 80       |
| 25) Dibenzo(a,h)anthracene  | 26.64 | 278  | 8753     | 0.427  | ng/ul# | 86       |
| 26) Benzo(g,h,i)perylene    | 27.47 | 276  | 8206     | 0.420  | ng/ul# | 81       |

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

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