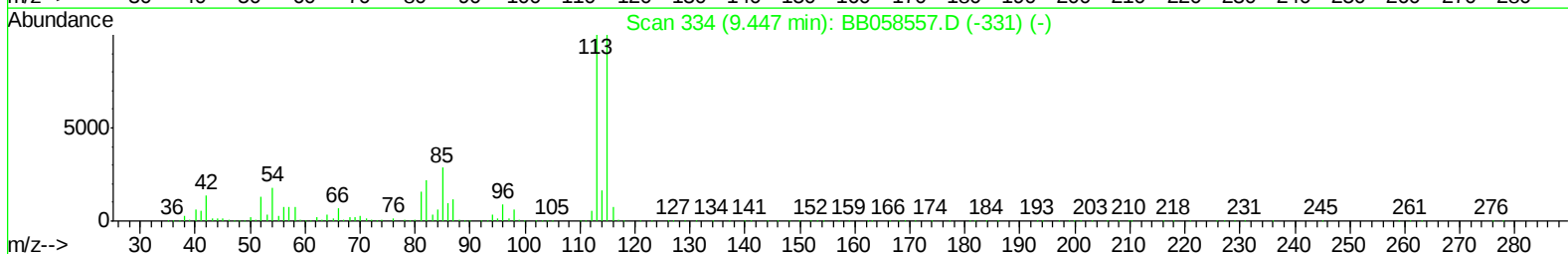
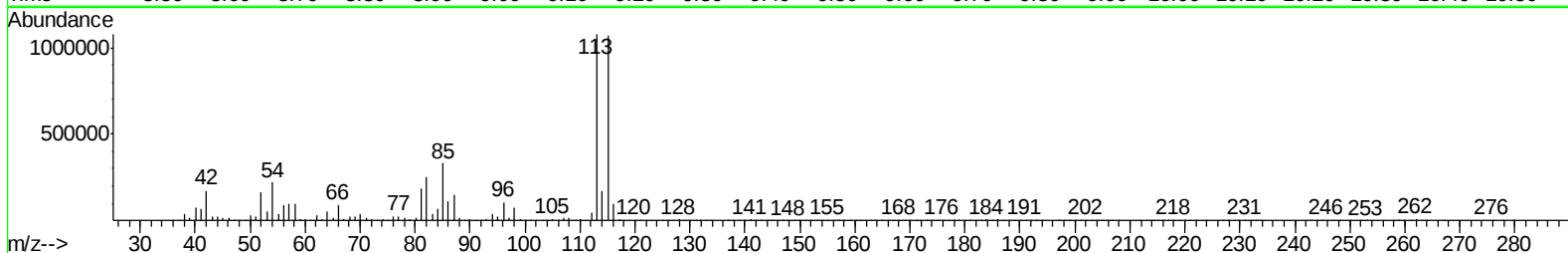
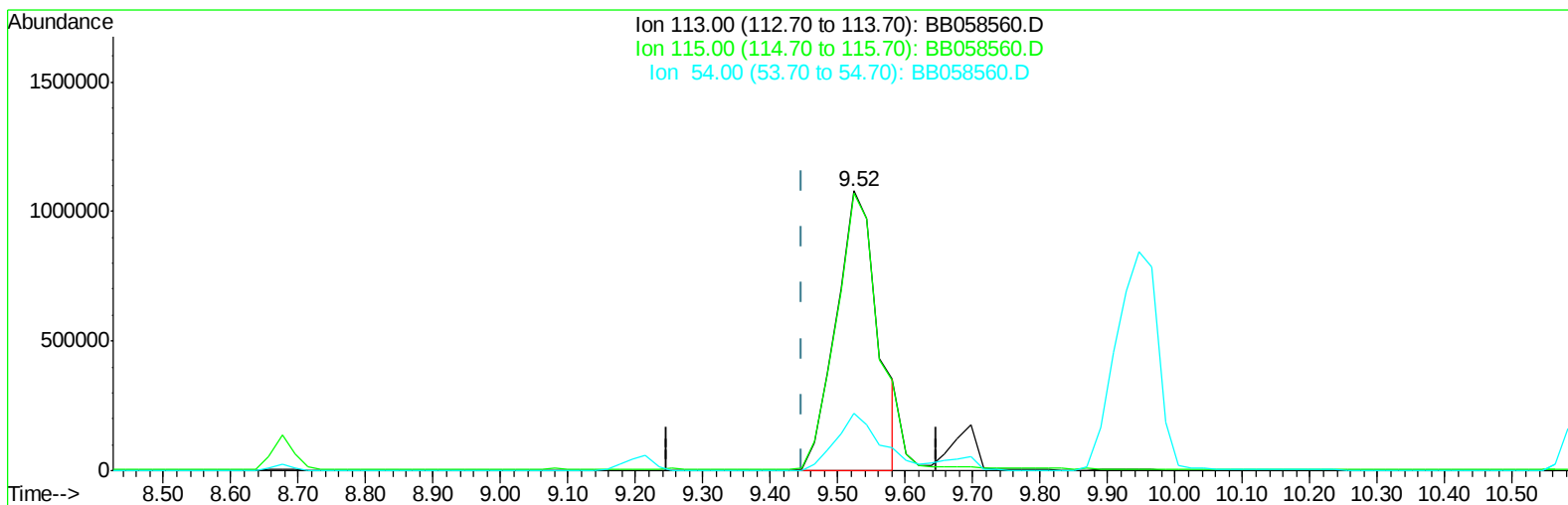


Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(13) 4-Methylphenol-d8 (S)

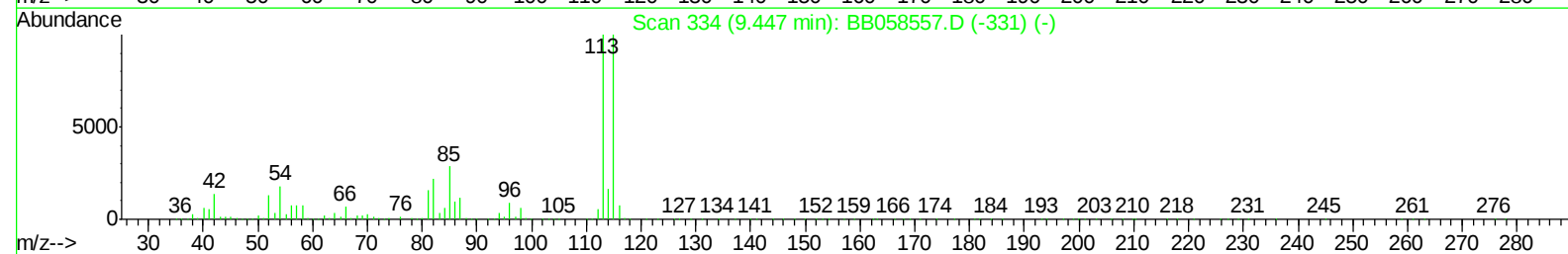
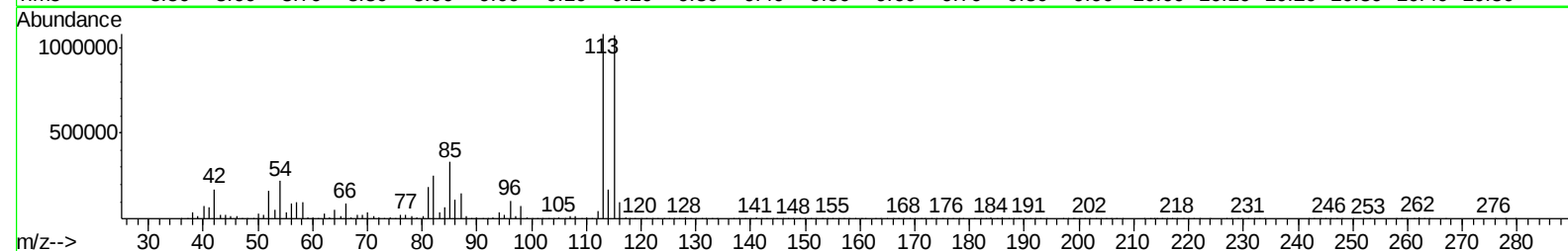
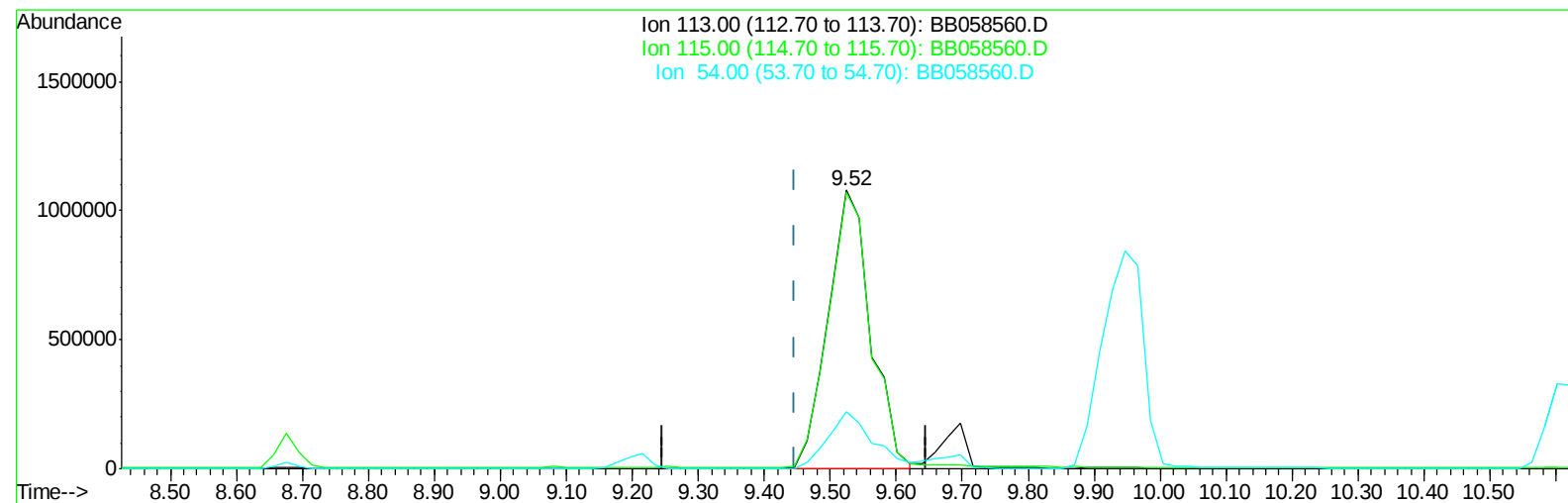
9.523min (+0.076) 119.34ng/ul

response 4647540

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 113.00 | 100   | 100    |
| 115.00 | 96.10 | 99.29  |
| 54.00  | 14.00 | 20.54# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



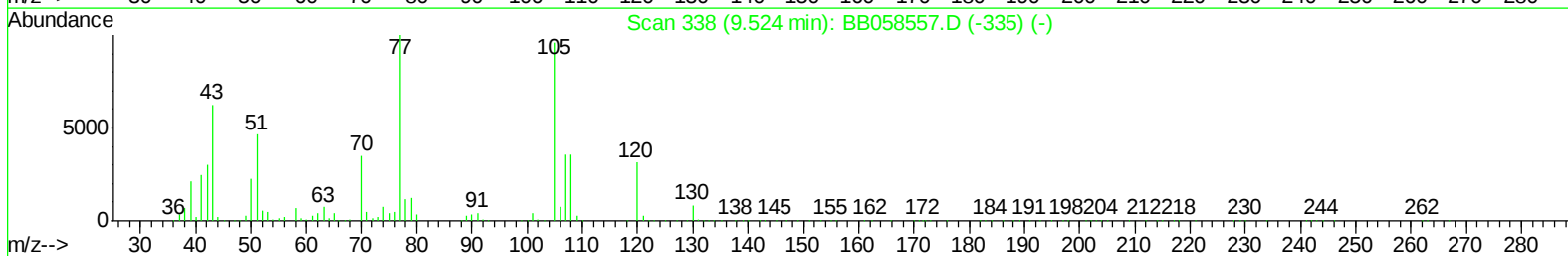
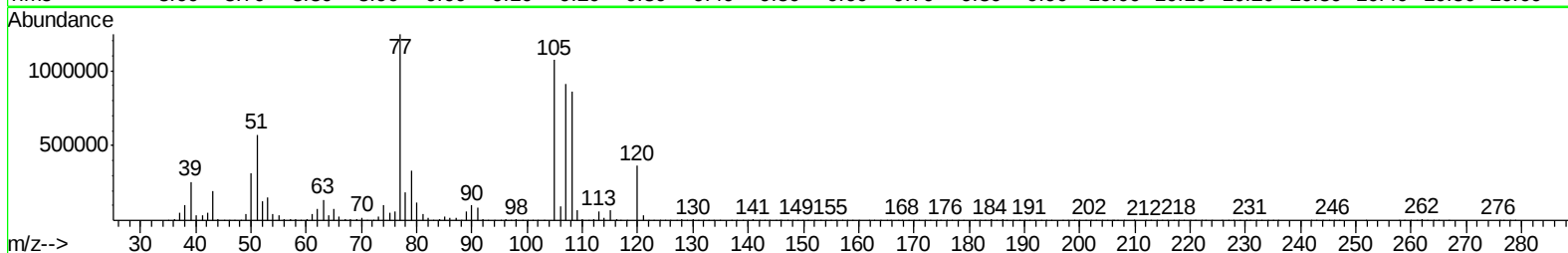
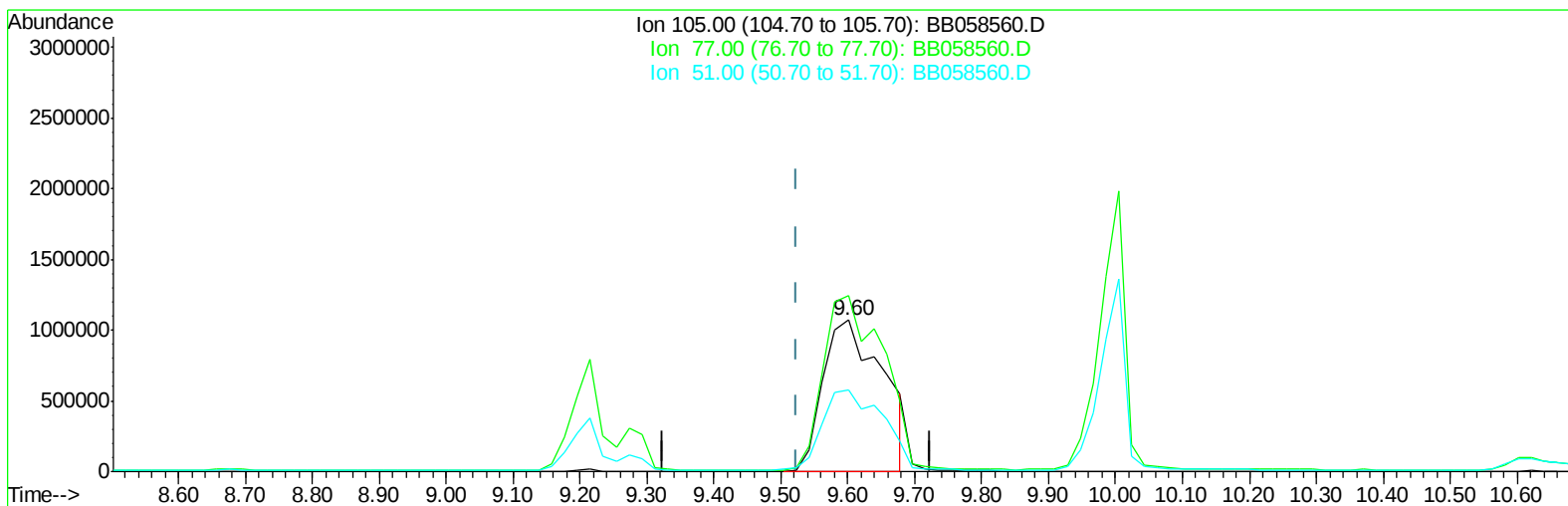
TIC: BB058560.D

(13) 4-Methylphenol-d8 (S)  
9.523min (+0.076) 121.89ng/ul m  
response 4746506

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 113.00 | 100   | 100    |
| 115.00 | 96.10 | 99.29  |
| 54.00  | 14.00 | 20.54# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(14) Acetophenone

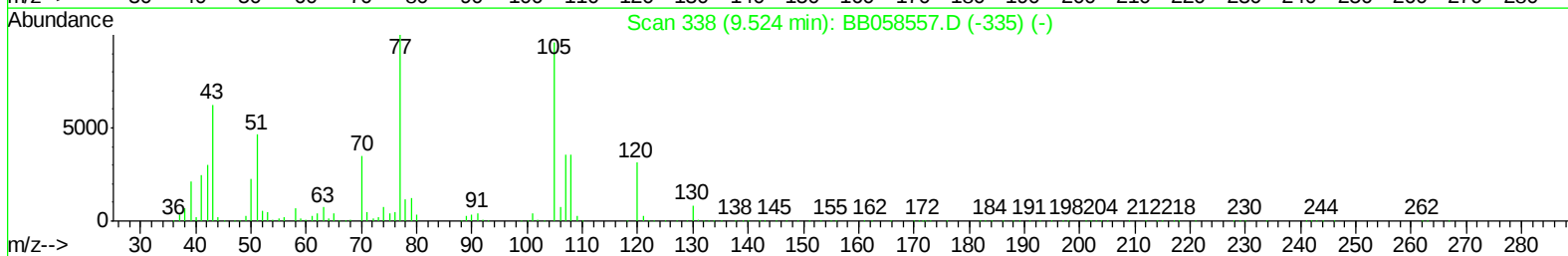
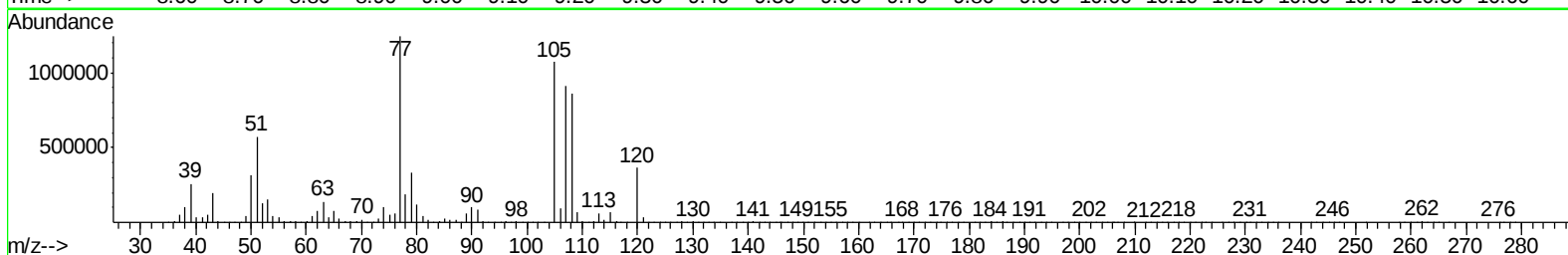
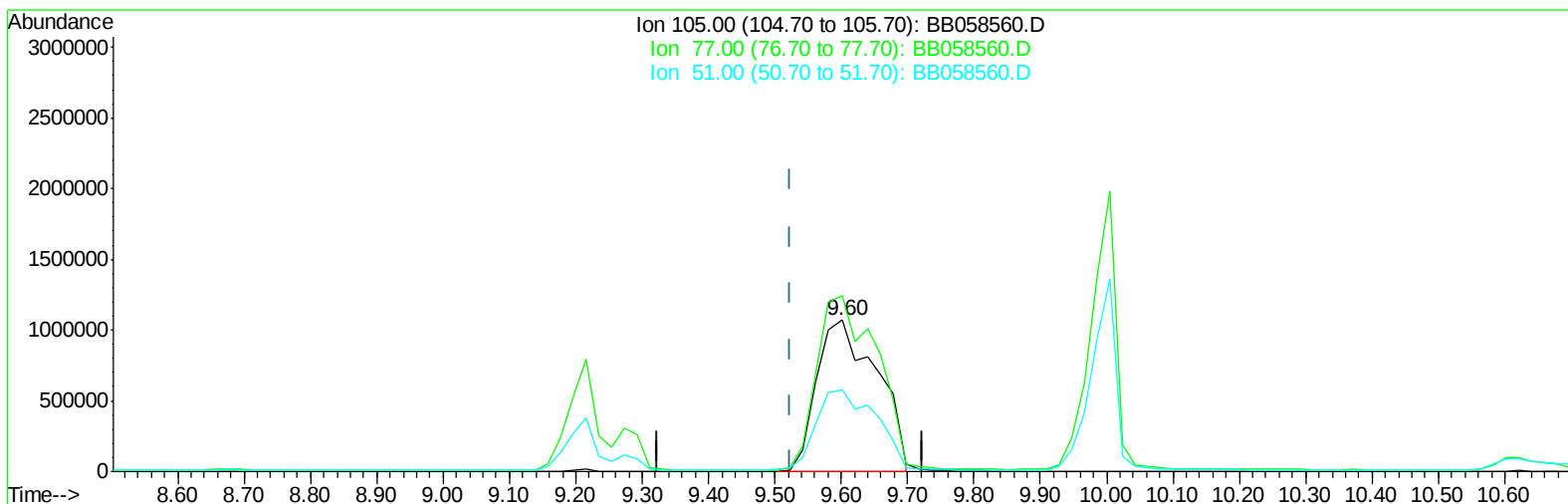
9.600min (+0.076) 111.13ng/ul

response 6589946

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 105.00 | 100   | 100     |
| 77.00  | 82.40 | 116.05# |
| 51.00  | 27.70 | 53.62#  |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(14) Acetophenone

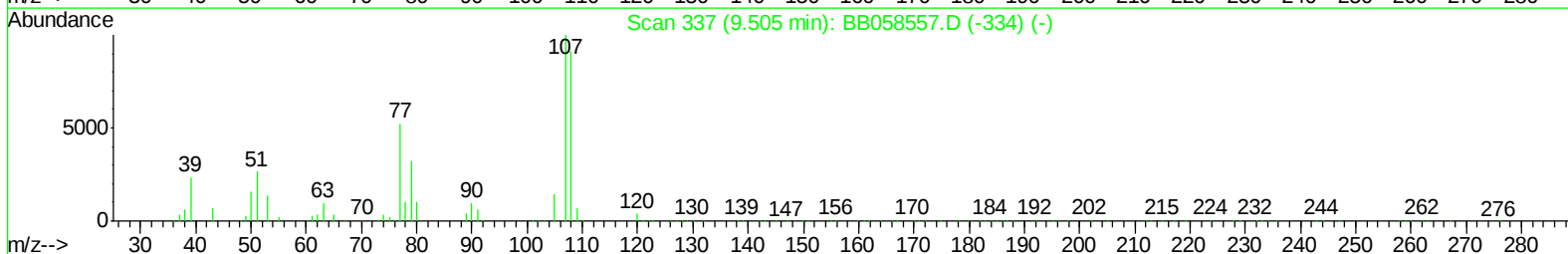
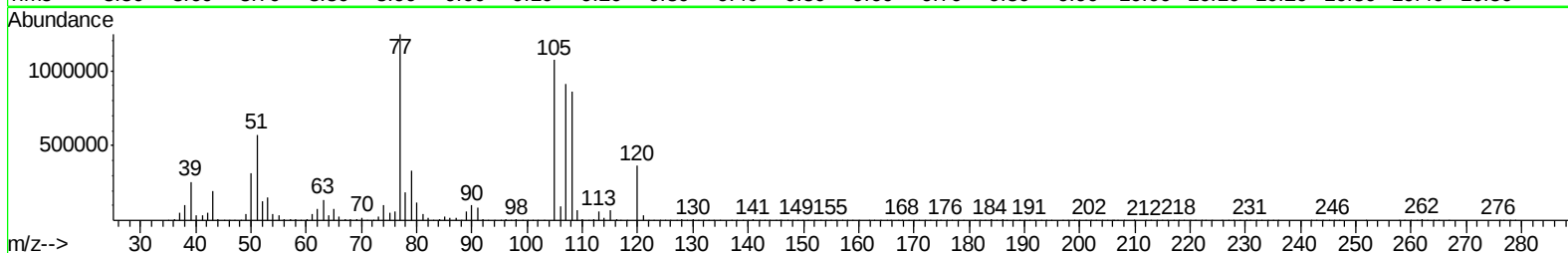
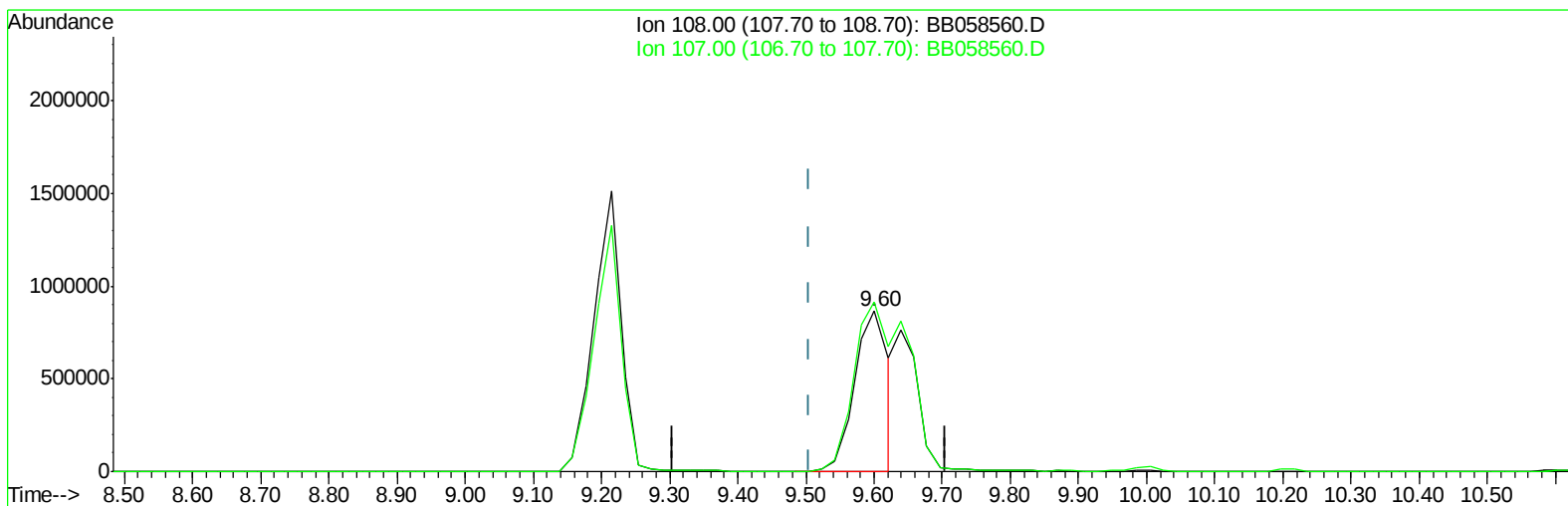
9.600min (+0.076) 112.34ng/ul m

response 6661988

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 105.00 | 100   | 100     |
| 77.00  | 82.40 | 116.05# |
| 51.00  | 27.70 | 53.62#  |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(16) 4-Methylphenol

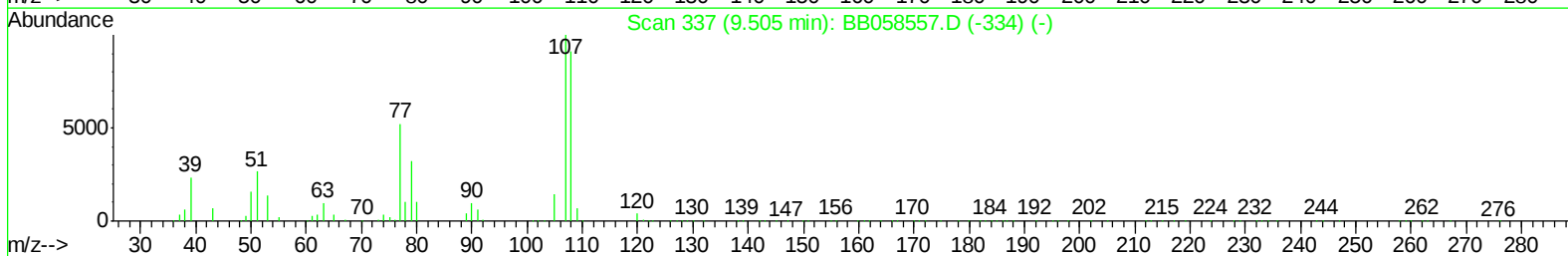
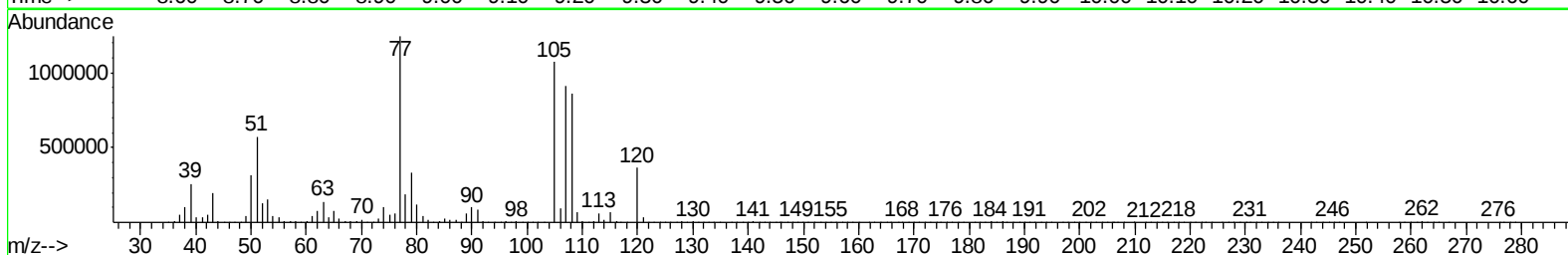
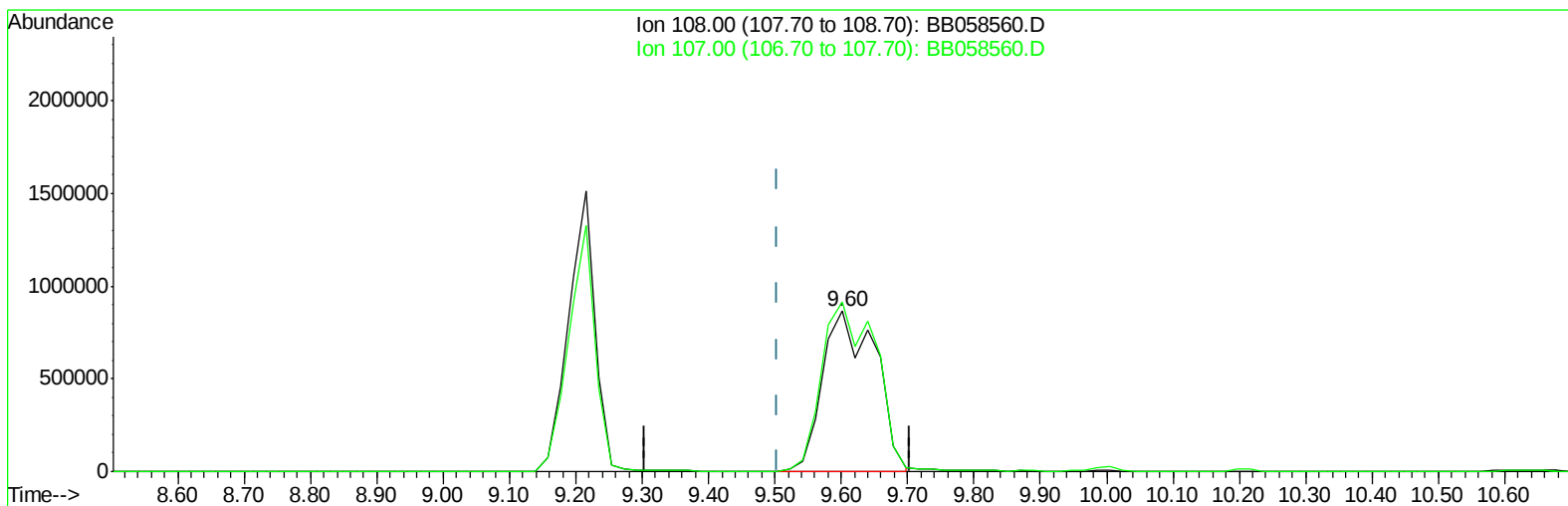
9.600min (+0.095) 73.18ng/ul

response 2922245

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 108.00 | 100    | 100    |
| 107.00 | 109.80 | 105.89 |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(16) 4-Methylphenol

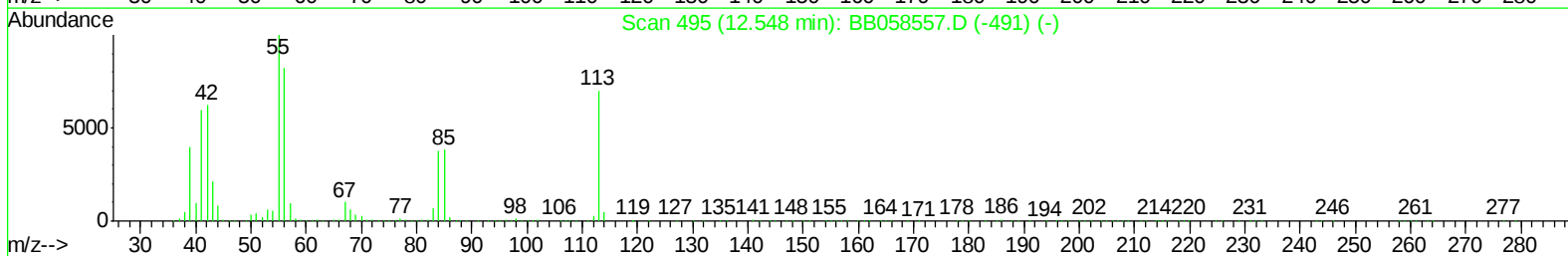
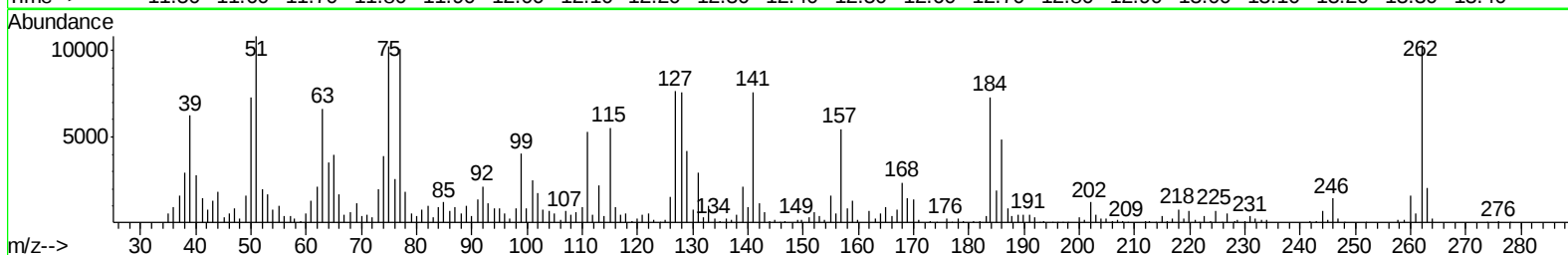
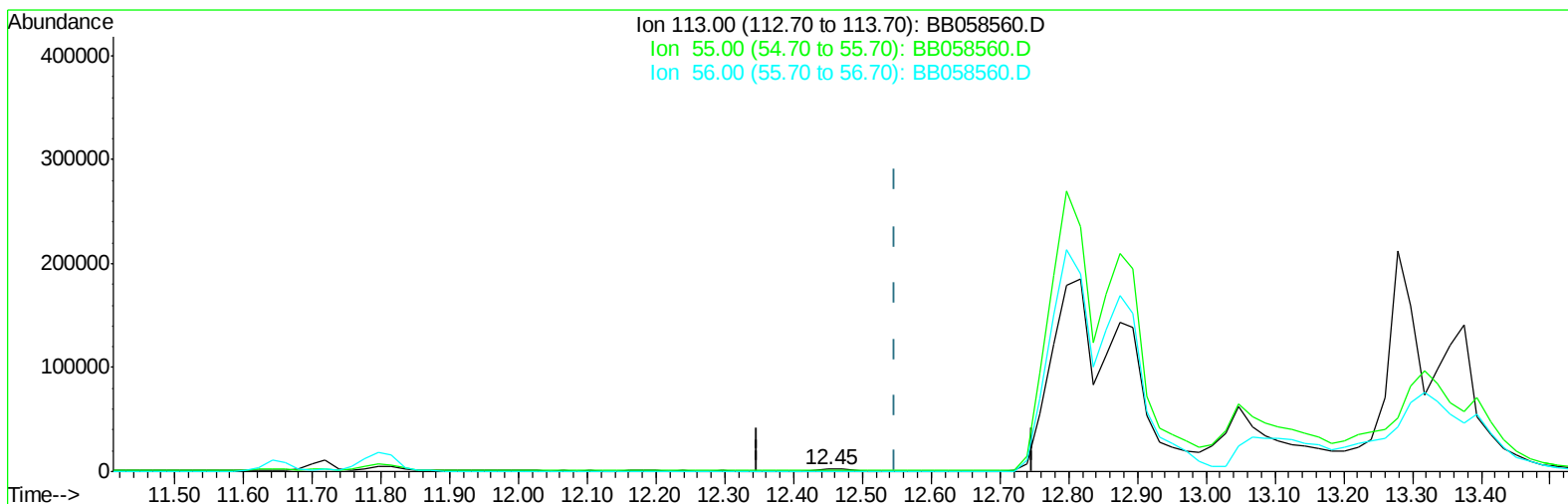
9.600min (+0.095) 117.97ng/ul m

response 4710529

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 108.00 | 100    | 100    |
| 107.00 | 109.80 | 105.89 |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(32) Caprolactam

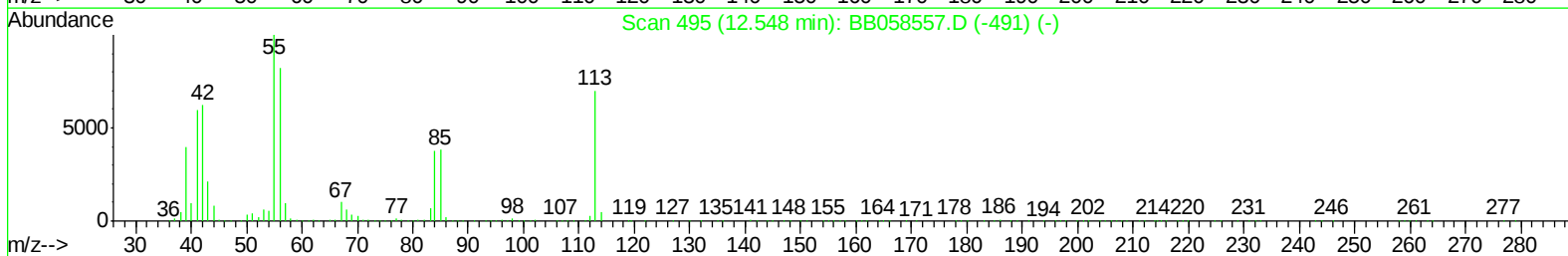
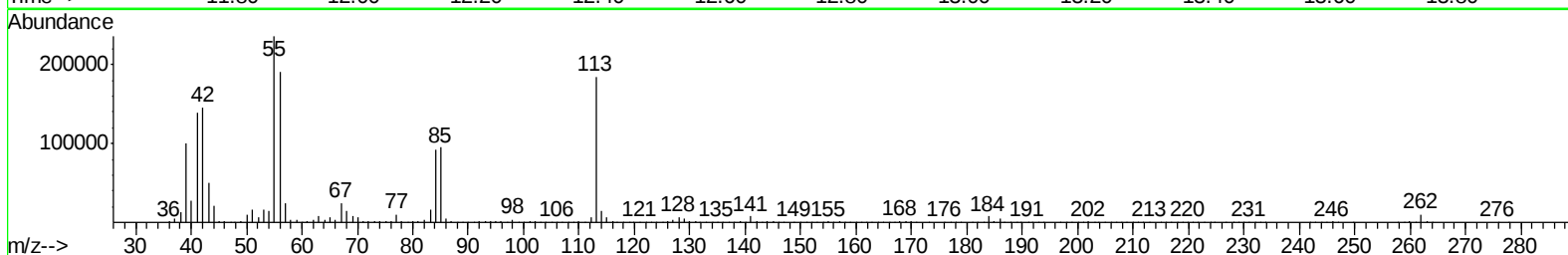
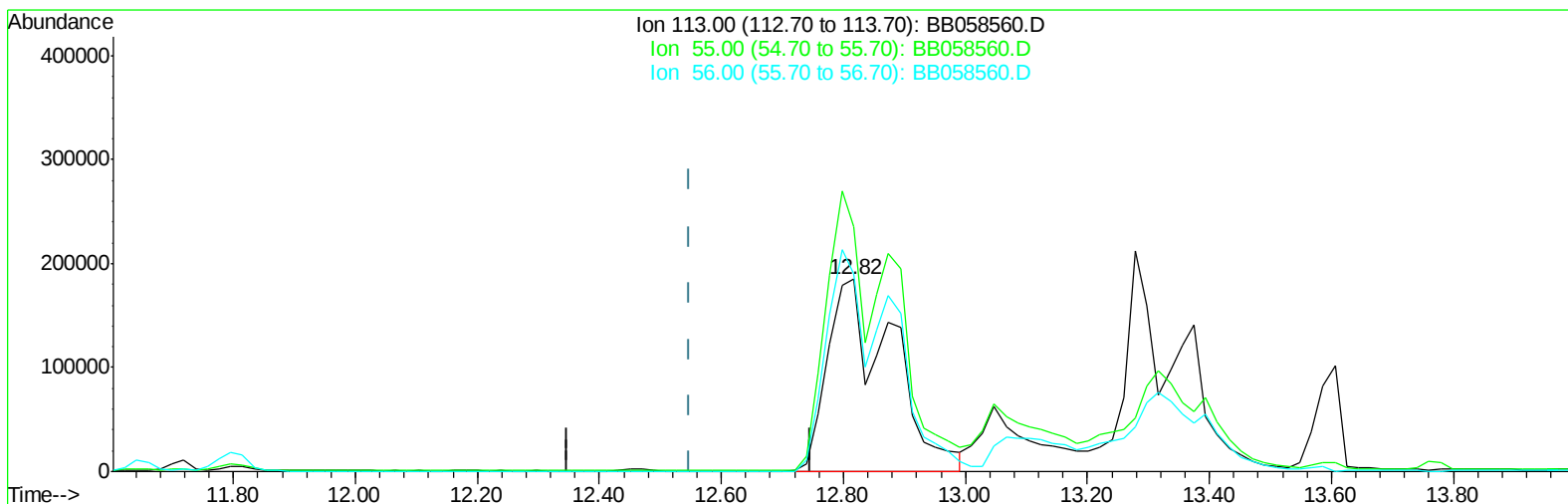
12.450min (-0.097) 0.38ng/ul

response 4382

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 152.40 | 47.66# |
| 56.00  | 121.70 | 18.54# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(32) Caprolactam

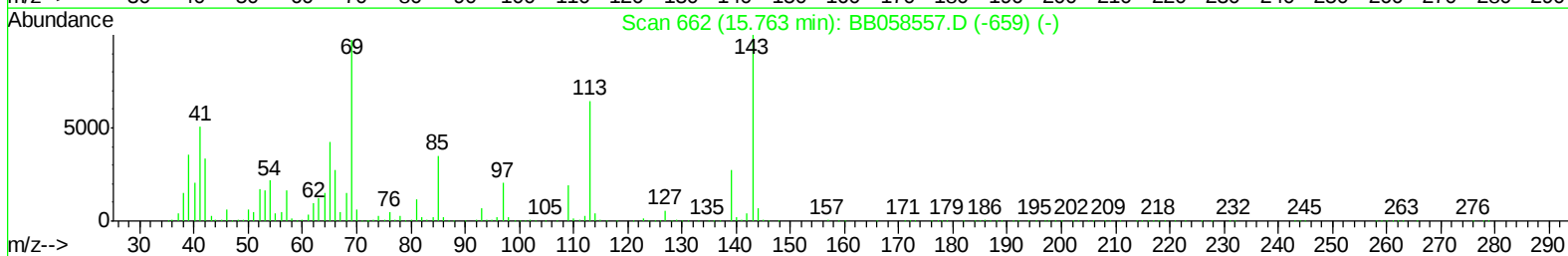
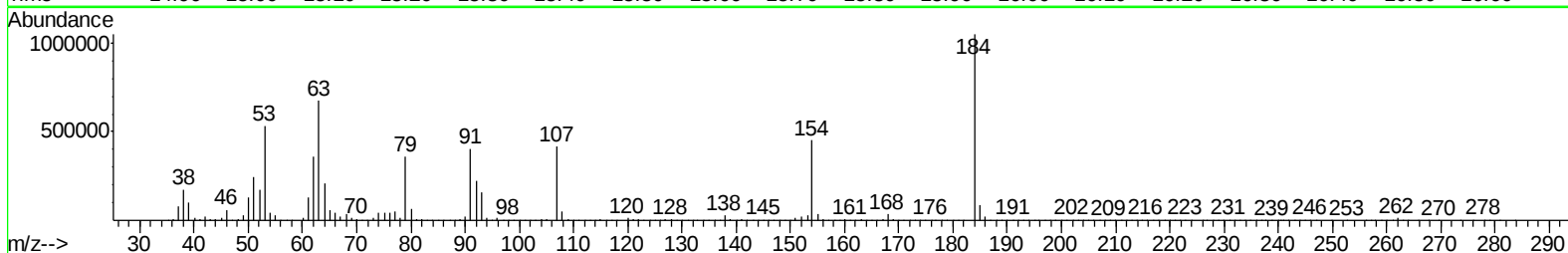
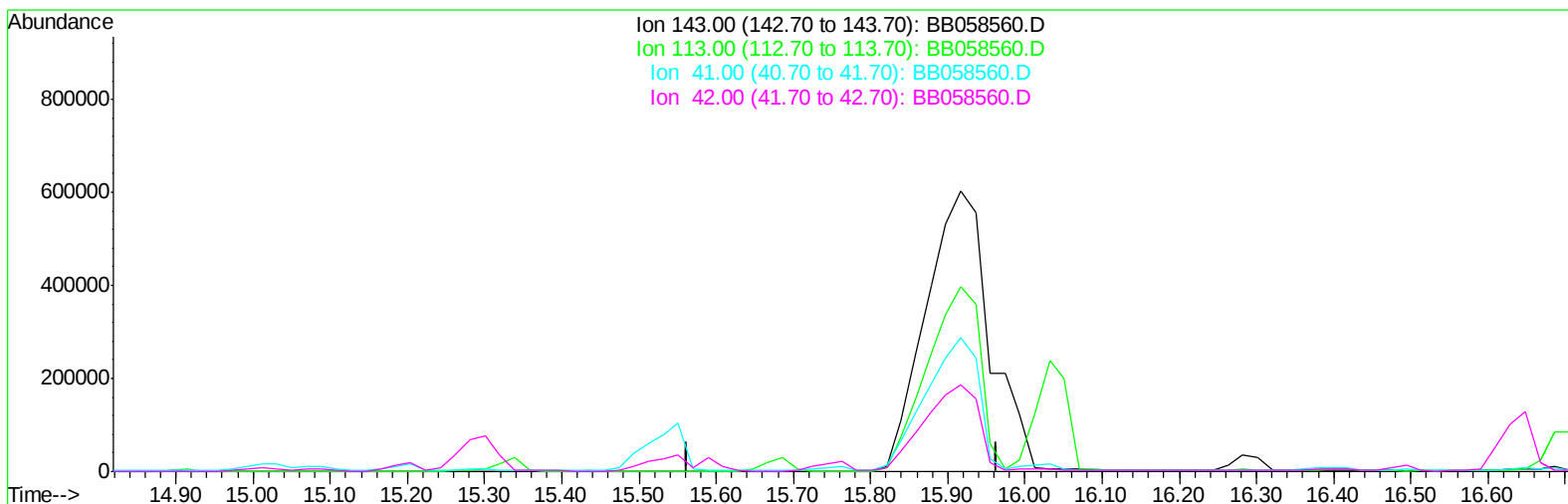
12.816min (+0.269) 117.20ng/ul m

response 1350972

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 152.40 | 127.74 |
| 56.00  | 121.70 | 103.12 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(51) 4-Nitrophenol-d4 (S)

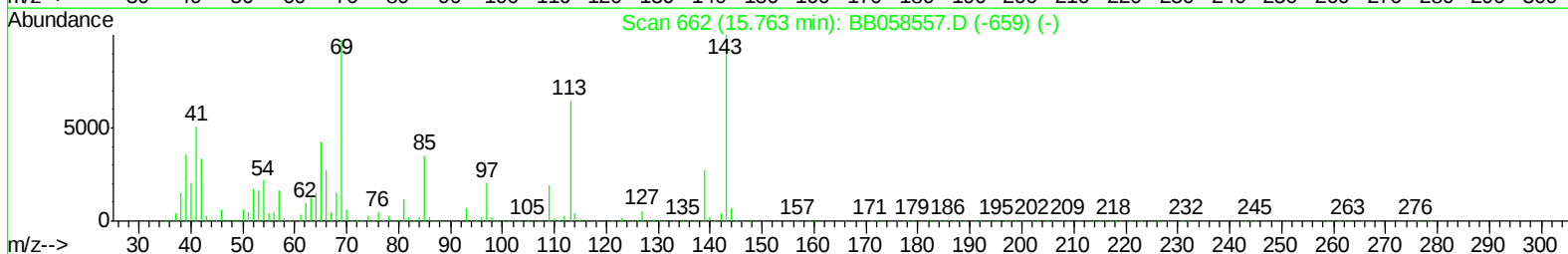
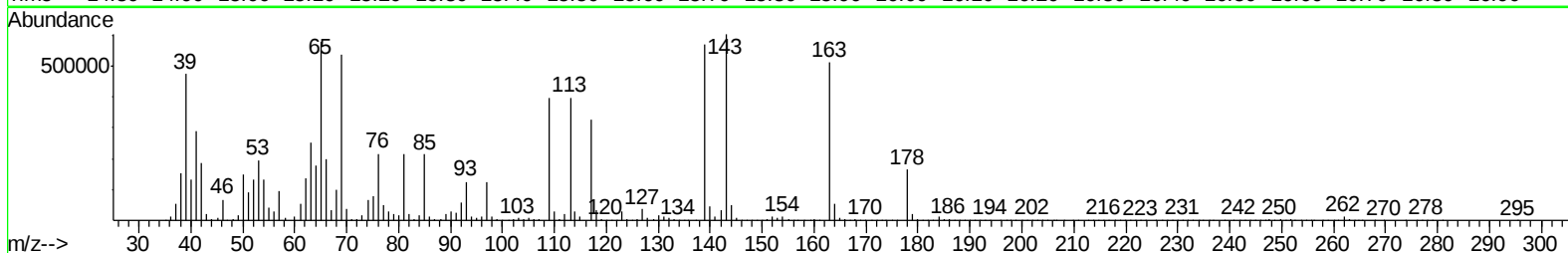
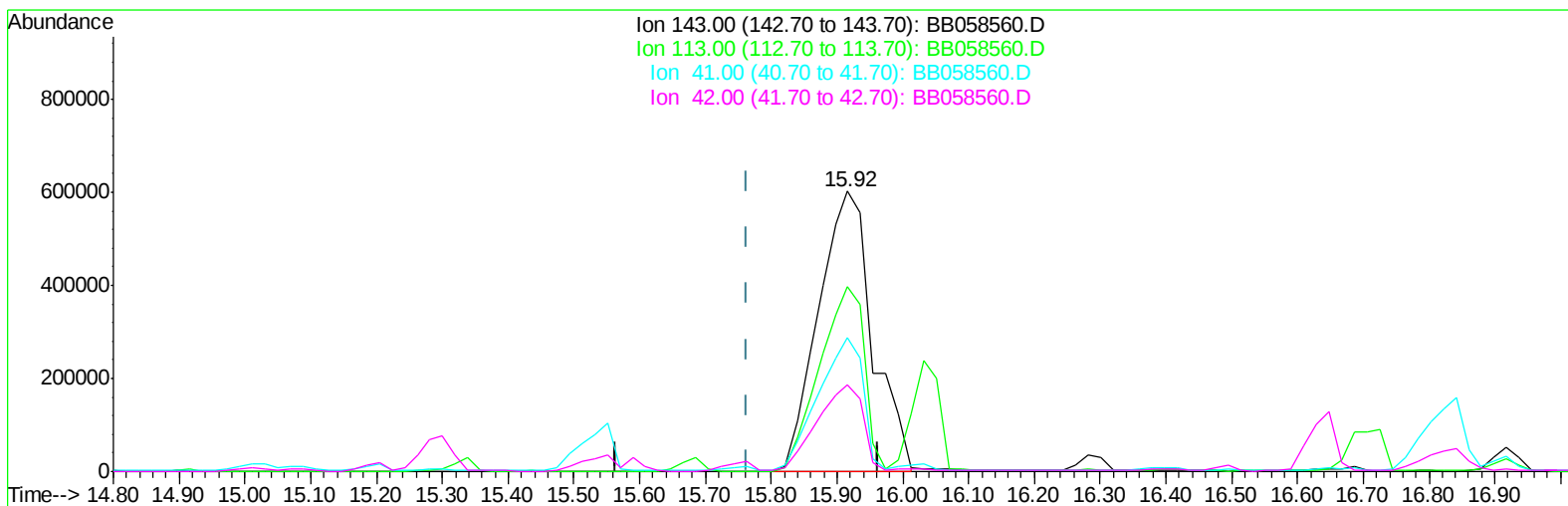
15.763min (-15.763) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 0.00  |
| 113.00 | 93.70 | 0.00# |
| 41.00  | 36.40 | 0.00# |
| 42.00  | 22.60 | 0.00# |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(51) 4-Nitrophenol-d4 (S)

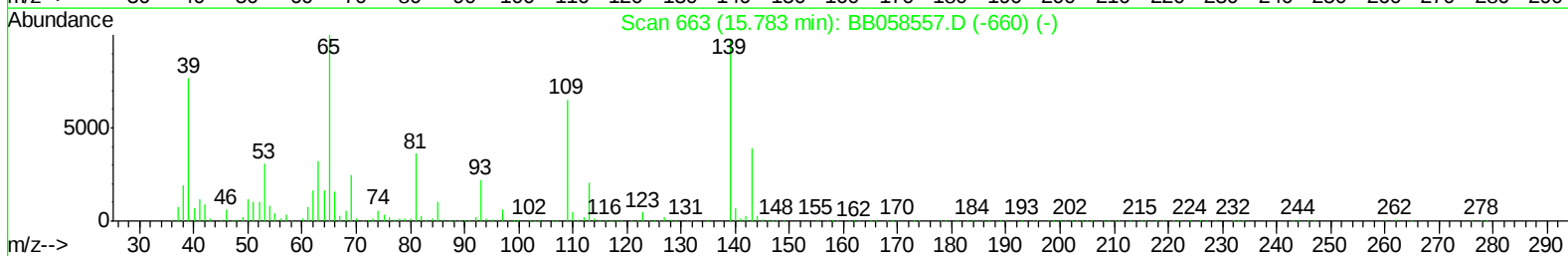
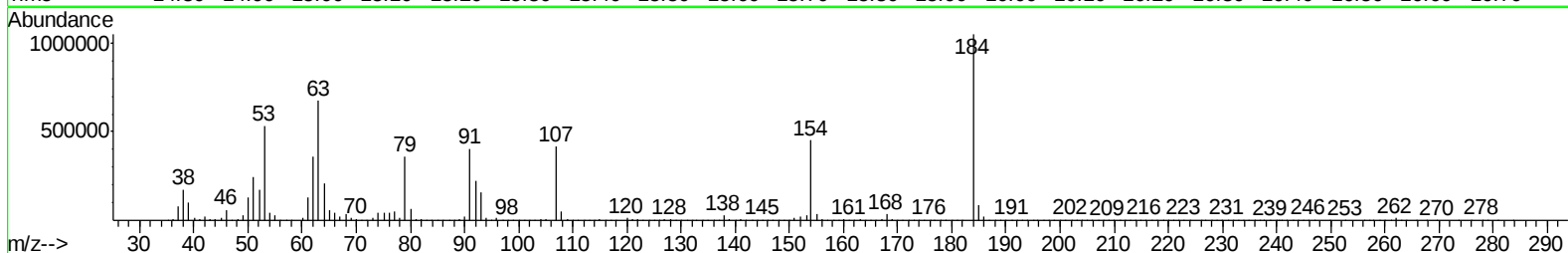
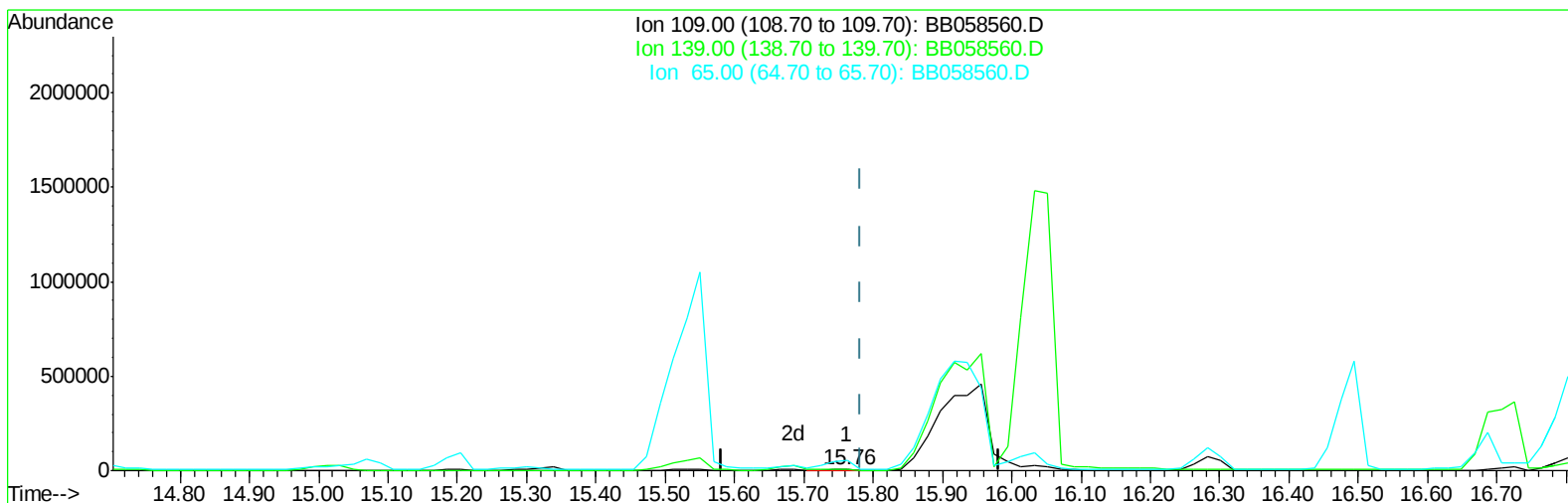
15.917min (+0.153) 240.36ng/ul m

response 3491156

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 93.70 | 65.97# |
| 41.00  | 36.40 | 47.90# |
| 42.00  | 22.60 | 31.01# |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(52) 4-Nitrophenol

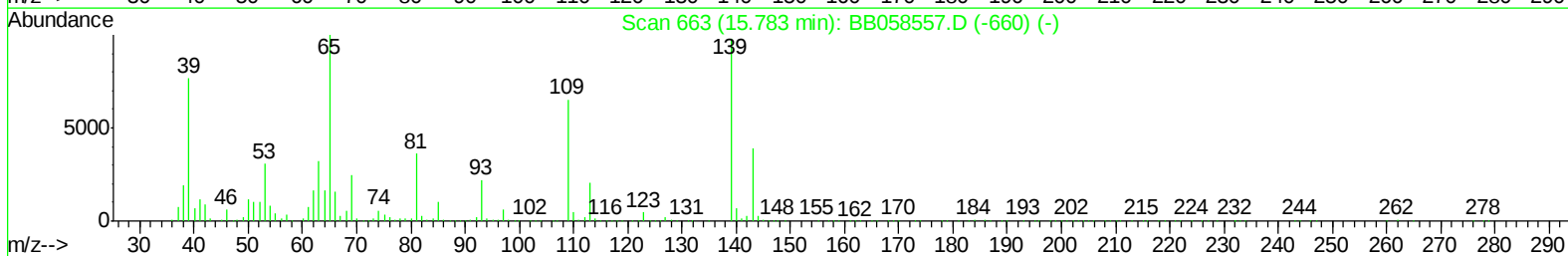
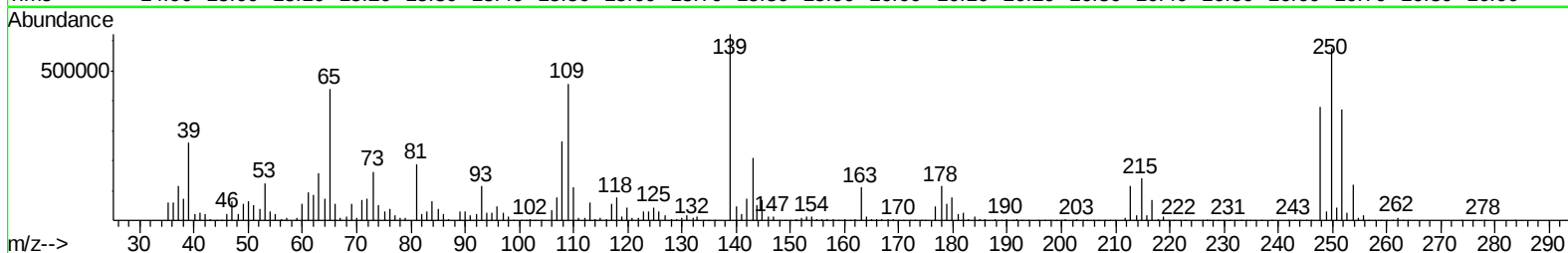
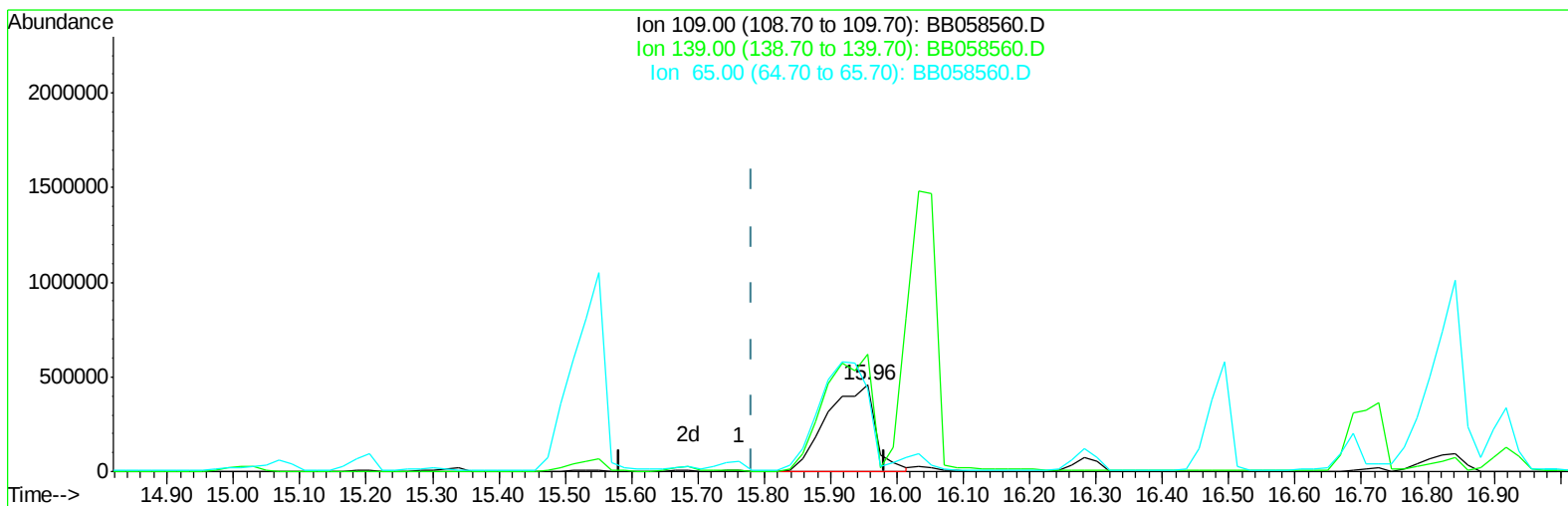
15.762min (-0.020) 0.79ng/ul

response 11963

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 109.00 | 100    | 100     |
| 139.00 | 110.90 | 82.68#  |
| 65.00  | 120.50 | 855.86# |
| 0.00   | 0.00   | 0.00    |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(52) 4-Nitrophenol

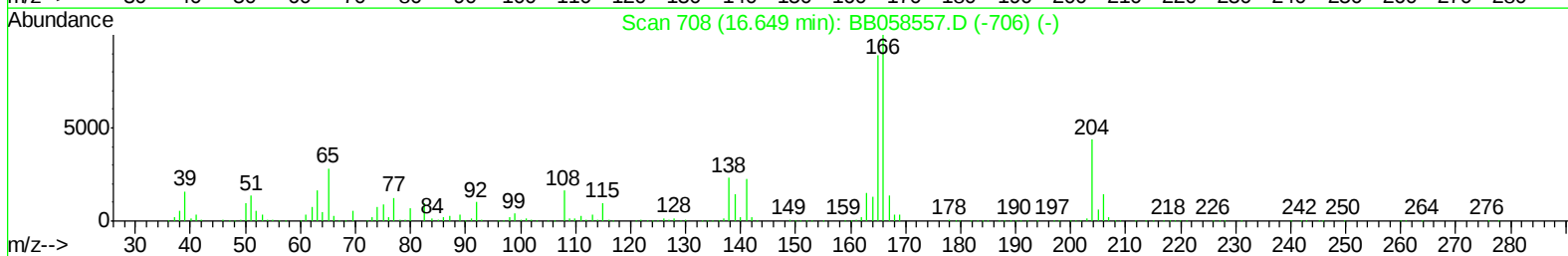
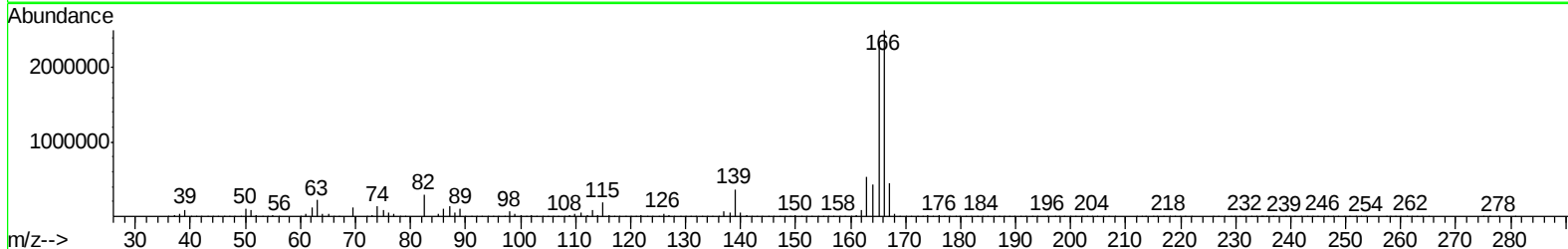
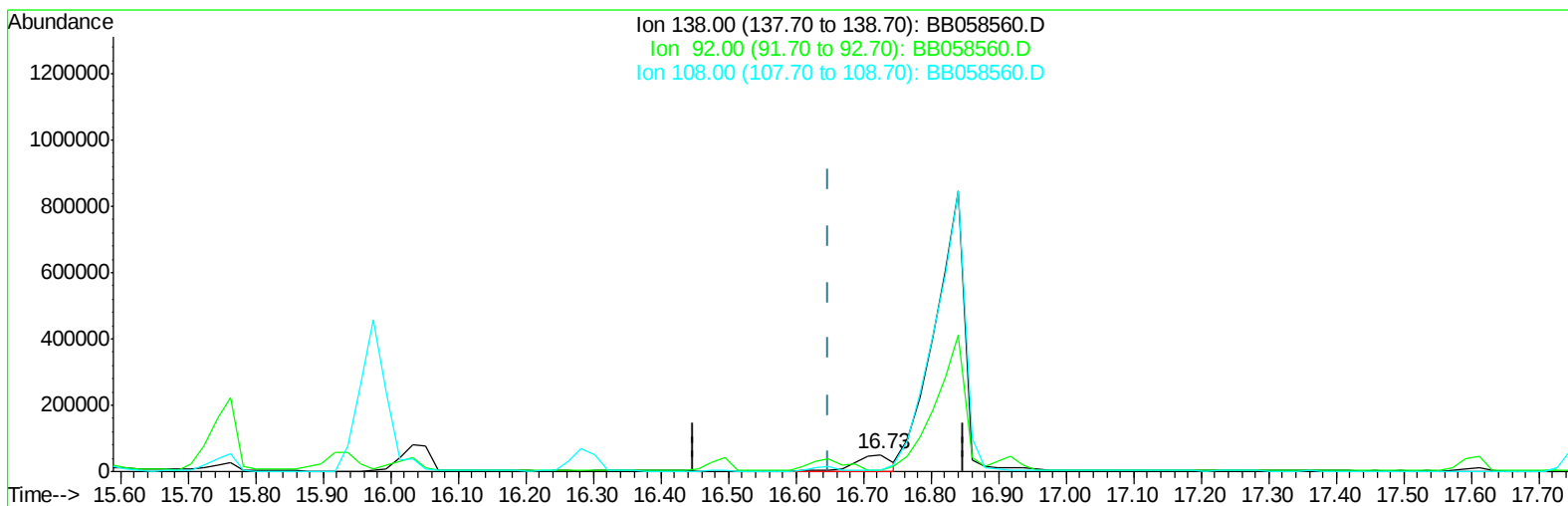
15.955min (+0.172) 151.47ng/ul m

response 2290411

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 109.00 | 100    | 100     |
| 139.00 | 110.90 | 136.01# |
| 65.00  | 120.50 | 95.54#  |
| 0.00   | 0.00   | 0.00    |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(60) 4-Nitroaniline

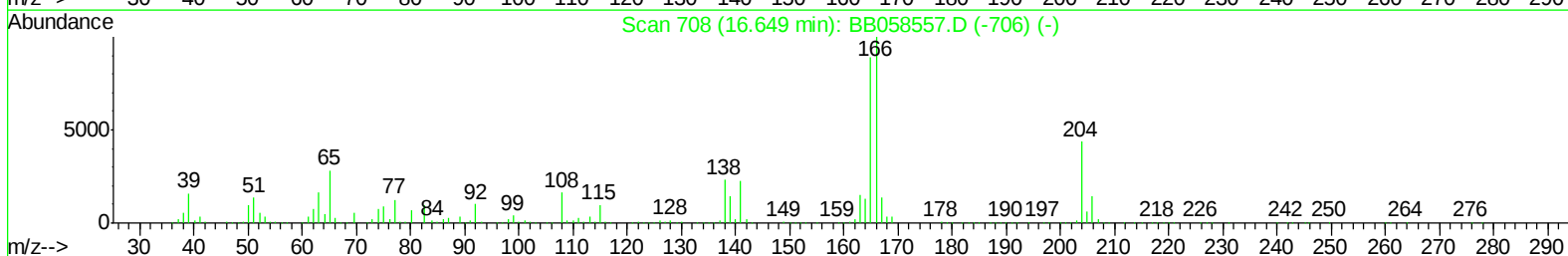
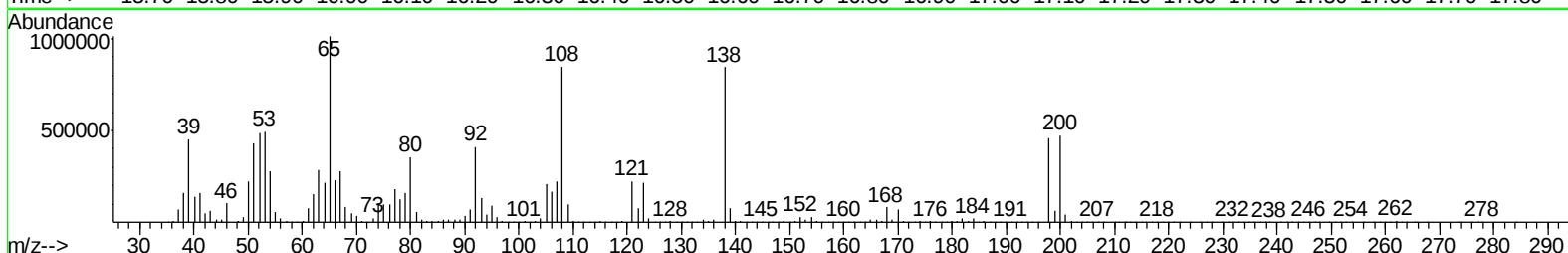
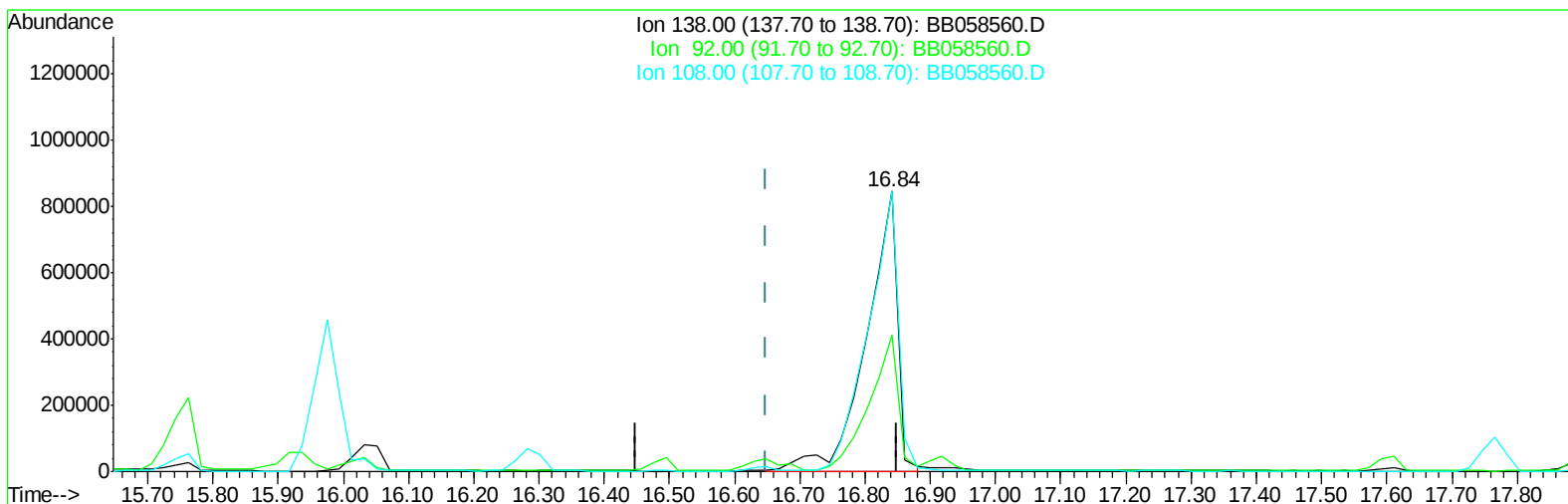
16.725min (+0.076) 10.28ng/ul

response 181842

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100    | 100    |
| 92.00  | 54.40  | 8.84#  |
| 108.00 | 100.40 | 11.29# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:27:19 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration



TIC: BB058560.D

(60) 4-Nitroaniline

16.841min (+0.192) 156.05ng/ul m

response 2761407

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100    | 100    |
| 92.00  | 54.40  | 48.76  |
| 108.00 | 100.40 | 100.02 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
 Data File : BB058560.D  
 Acq On : 29 Sep 2016 15:47  
 Operator : UM/SJ  
 Sample : SSTD16072  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:37:03 2016  
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 29 14:56:56 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.68  | 152  | 513982   | 20.00 | ng/ul | 0.02     |
| 18) Naphthalene-d8        | 11.64 | 136  | 1975101  | 20.00 | ng/ul | 0.02     |
| 35) Acenaphthene-d10      | 15.59 | 164  | 1131278  | 20.00 | ng/ul | 0.02     |
| 61) Phenanthrene-d10      | 18.46 | 188  | 1776545  | 20.00 | ng/ul | 0.04     |
| 75) Chrysene-d12          | 22.85 | 240  | 1409486  | 20.00 | ng/ul | 0.06     |
| 83) Perylene-d12          | 25.93 | 264  | 1379196  | 20.00 | ng/ul | 0.08     |

## System Monitoring Compounds

|                                |       |     |          |        |       |      |
|--------------------------------|-------|-----|----------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d       | 0.00   | ng/uL |      |
| 5) Phenol-d5                   | 7.89  | 99  | 5879361  | 128.87 | ng/ul | 0.10 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.98  | 67  | 4224442  | 172.22 | ng/ul | 0.04 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0d       | 0.00   | ng/ul |      |
| 13) 4-Methylphenol-d8          | 9.52  | 113 | 4746506m | 121.89 | ng/ul | 0.08 |
| 19) Nitrobenzene-d5            | 0.00  | 128 | 0d       | 0.00   | ng/ul |      |
| 22) 2-Nitrophenol-d4           | 0.00  | 143 | 0d       | 0.00   | ng/ul |      |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165 | 0d       | 0.00   | ng/ul |      |
| 29) 4-Chloroaniline-d4         | 11.81 | 131 | 4749220  | 141.52 | ng/ul | 0.08 |
| 43) Dimethylphthalate-d6       | 0.00  | 166 | 0d       | 0.00   | ng/ul |      |
| 46) Acenaphthylene-d8          | 0.00  | 160 | 0d       | 0.00   | ng/ul |      |
| 51) 4-Nitrophenol-d4           | 15.92 | 143 | 3491156m | 240.36 | ng/ul | 0.15 |
| 57) Fluorene-d10               | 0.00  | 176 | 0d       | 0.00   | ng/ul |      |
| 62) 4,6-Dinitro-2-methylphenol | 16.82 | 200 | 2763699  | 254.94 | ng/ul | 0.10 |
| 70) Anthracene-d10             | 0.00  | 188 | 0d       | 0.00   | ng/ul |      |
| 76) Pyrene-d10                 | 0.00  | 212 | 0d       | 0.00   | ng/ul |      |
| 87) Benzo(a)pyrene-d12         | 0.00  | 264 | 0d       | 0.00   | ng/ul |      |

## Target Compounds

|                                |       |     |          |        | Ovalue |    |
|--------------------------------|-------|-----|----------|--------|--------|----|
| 4) Benzaldehyde                | 7.75  | 77  | 2918603  | 95.38  | ng/ul  | 95 |
| 6) Phenol                      | 7.93  | 94  | 5076980  | 109.67 | ng/ul# | 76 |
| 8) Bis(2-Chloroethyl)ether     | 8.12  | 93  | 4960469  | 149.62 | ng/ul  | 97 |
| 11) 2-Methylphenol             | 9.22  | 108 | 4229224  | 118.53 | ng/ul  | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 9.27  | 45  | 6715680  | 186.22 | ng/ul  | 96 |
| 14) Acetophenone               | 9.60  | 105 | 6661988m | 112.34 | ng/ul  |    |
| 16) 4-Methylphenol             | 9.60  | 108 | 4710529m | 117.97 | ng/ul  |    |
| 30) 4-Chloroaniline            | 11.83 | 127 | 3982839  | 113.40 | ng/ul  | 90 |
| 32) Caprolactam                | 12.82 | 113 | 1350972m | 117.20 | ng/ul  |    |
| 37) Hexachlorocyclopentadiene  | 13.76 | 237 | 2077148  | 115.95 | ng/ul# | 95 |
| 48) 3-Nitroaniline             | 14.68 | 138 | 4205700  | 261.38 | ng/ul# | 39 |
| 50) 2,4-Dinitrophenol          | 15.76 | 184 | 2485159  | 235.01 | ng/ul# | 81 |
| 52) 4-Nitrophenol              | 15.96 | 109 | 2290411m | 151.47 | ng/ul  |    |
| 60) 4-Nitroaniline             | 16.84 | 138 | 2761407m | 156.05 | ng/ul  |    |
| 63) 4,6-Dinitro-2-methylphenol | 16.86 | 198 | 2495044  | 224.18 | ng/ul# | 90 |
| 67) Atrazine                   | 17.94 | 200 | 2436663  | 121.95 | ng/ul# | 90 |
| 68) Pentachlorophenol          | 18.11 | 266 | 2360395  | 172.82 | ng/ul  | 99 |
| 72) Carbazole                  | 18.88 | 167 | 8908220  | 104.96 | ng/ul# | 72 |
| 74) Fluoranthene               | 20.56 | 202 | 8320171  | 70.13  | ng/ul# | 67 |
| 79) 3,3'-Dichlorobenzidine     | 22.73 | 252 | 2777787  | 107.27 | ng/ul# | 93 |
| 84) Di-n-octyl phthalate       | 22.71 | 149 | 7696627  | 115.54 | ng/ul# | 65 |

Data Path : Z:\HPCHEM1\BNA B\DATA\BB092916\  
Data File : BB058560.D  
Acq On : 29 Sep 2016 15:47  
Operator : UM/SJ  
Sample : SSTD16072  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 29 16:37:03 2016  
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 29 14:56:56 2016  
Response via : Initial Calibration

| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

