

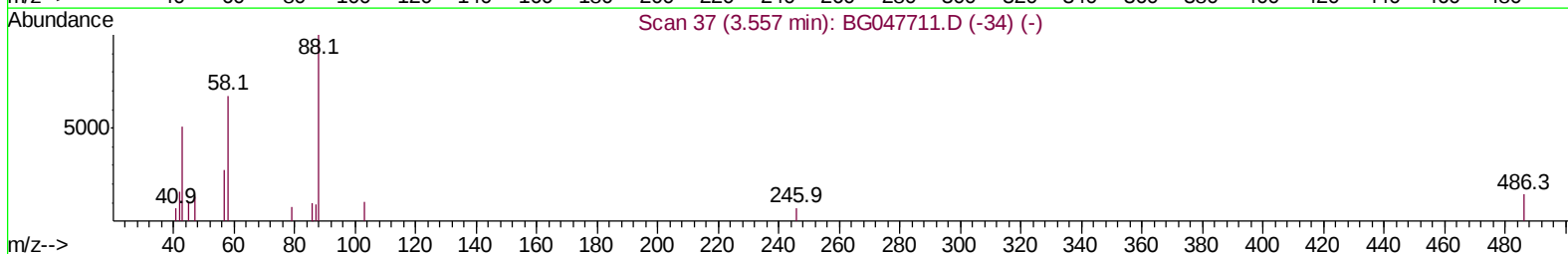
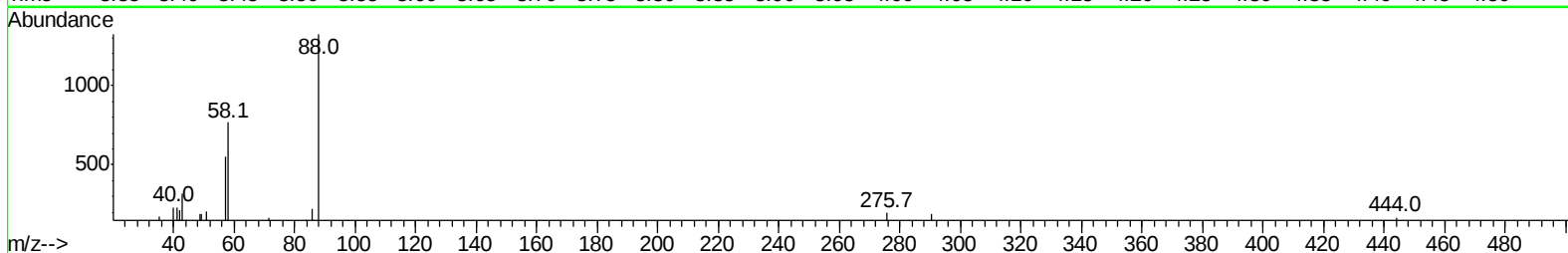
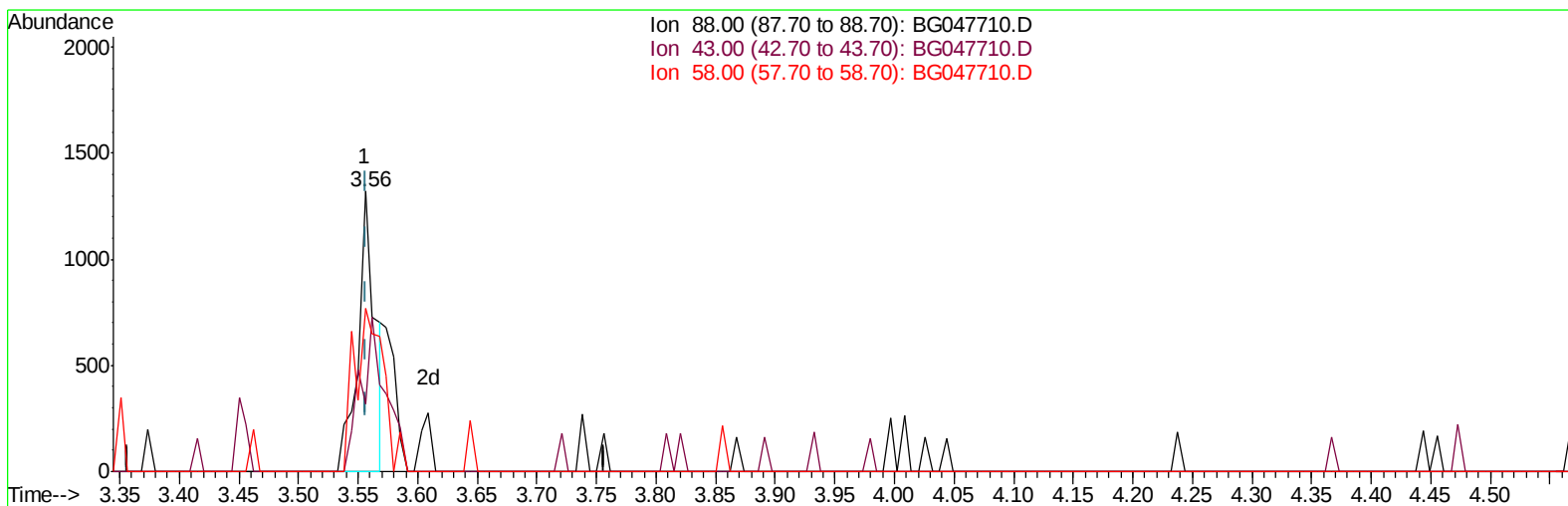
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SST01004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST010004

Manual Integrations  
 APPROVED

mohammad  
 12/14/2020 2:43:53 PM

Quant Time: Dec 11 12:56:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration



TIC: BG047710.D

(2) 1,4-Dioxane

3.556min (-0.001) 2.82ng/uL

response 1308

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 88.00 | 100   | 100    |
| 43.00 | 50.80 | 24.15# |
| 58.00 | 67.50 | 58.06  |
| 0.00  | 0.00  | 0.00   |

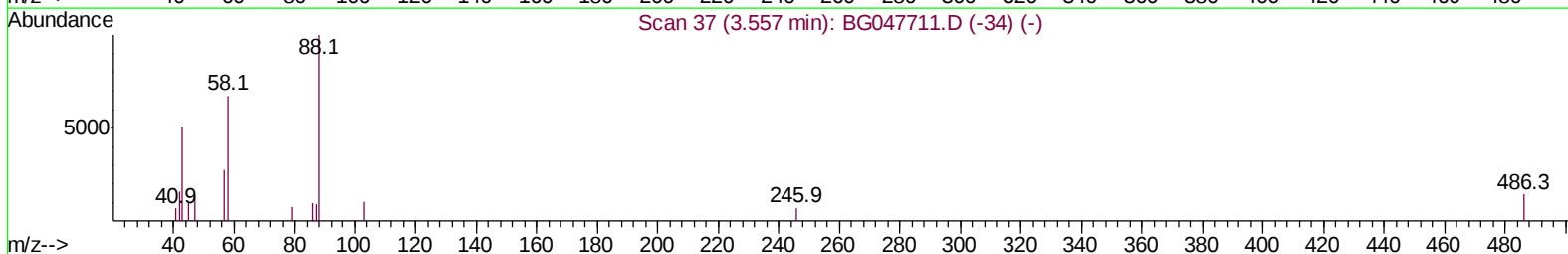
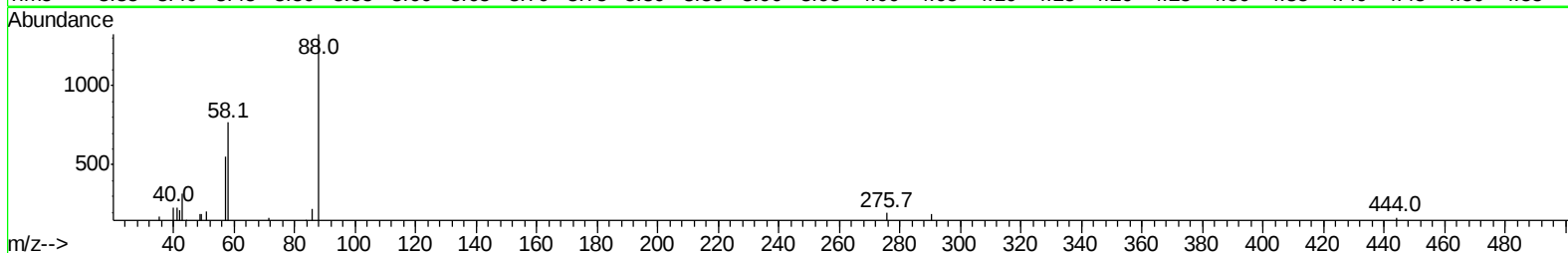
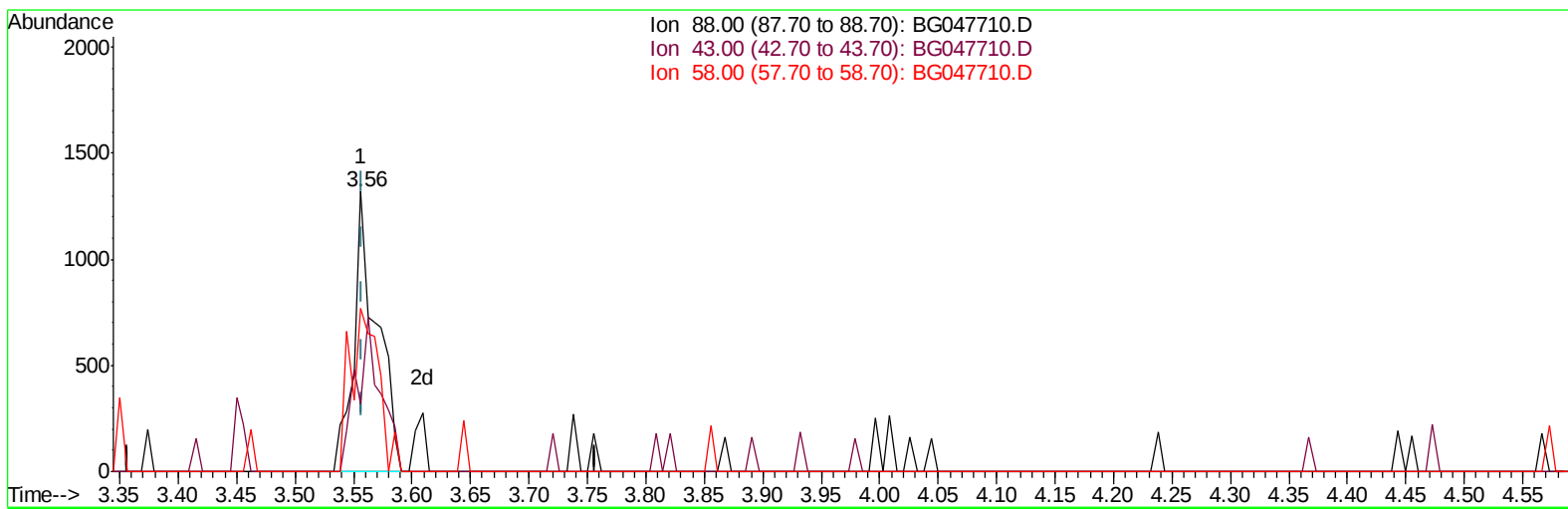
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
Data File : BG047710.D  
Acq On : 11 Dec 2020 10:51  
Operator : CG/JU  
Sample : SSTD01004  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010004

Manual Integrations  
APPROVED

mohammad  
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Quant Time: Dec 11 12:56:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 11 12:42:47 2020  
Response via : Initial Calibration



TIC: BG047710.D

(2) 1,4-Dioxane

3.556min (-0.001) 3.87ng/uL m

response 1797

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 88.00 | 100   | 100    |
| 43.00 | 50.80 | 24.15# |
| 58.00 | 67.50 | 58.06  |
| 0.00  | 0.00  | 0.00   |

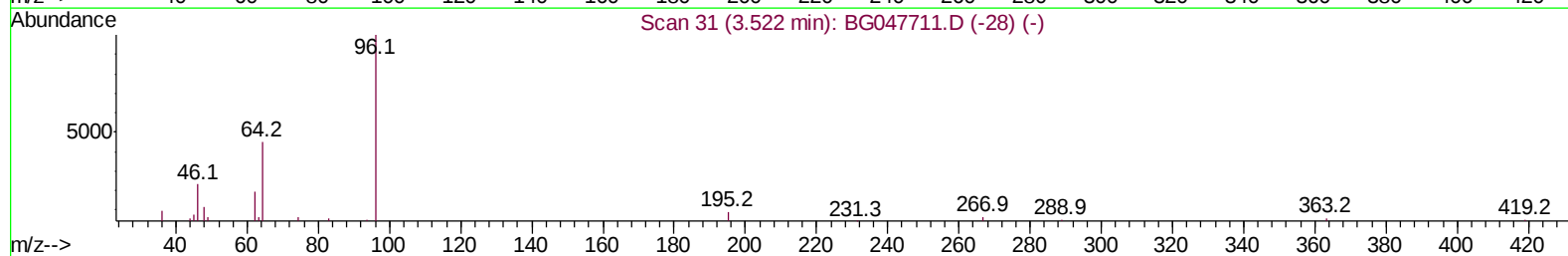
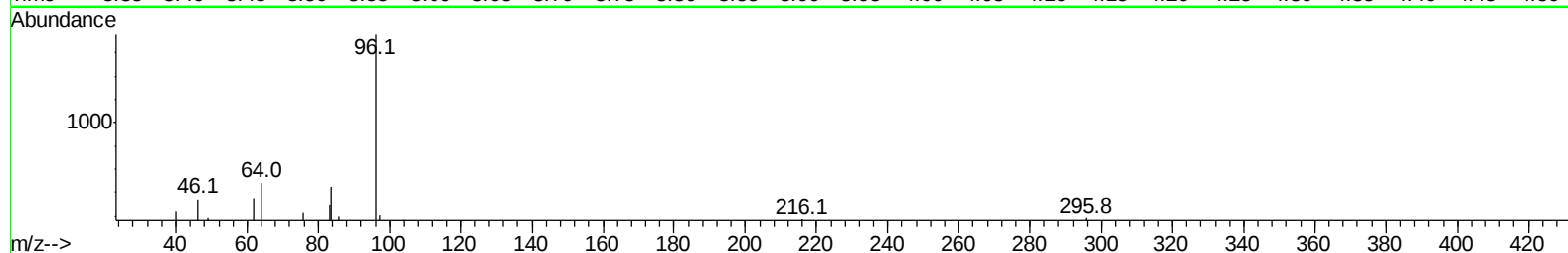
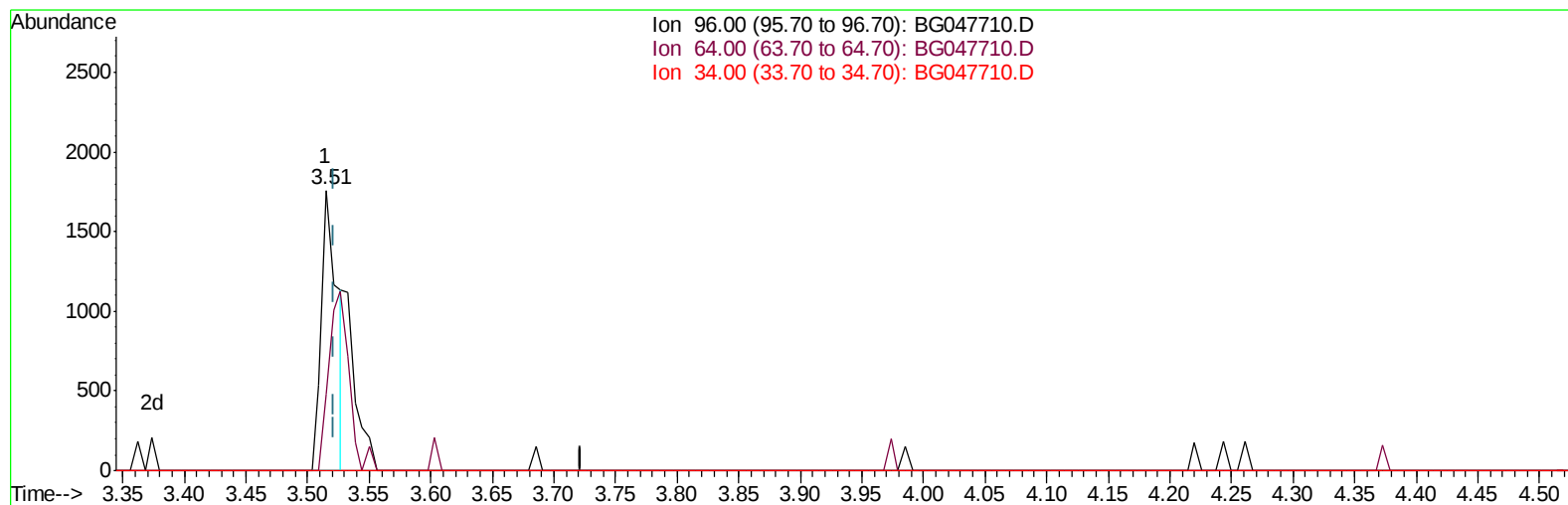
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 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SSTD01004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD010004

Manual Integrations  
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Quant Time: Dec 11 12:56:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration



TIC: BG047710.D

(3) 1,4-Dioxane-d8 (S)

3.515min (-0.007) 3.62ng/uL

response 1619

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 56.60 | 27.32# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

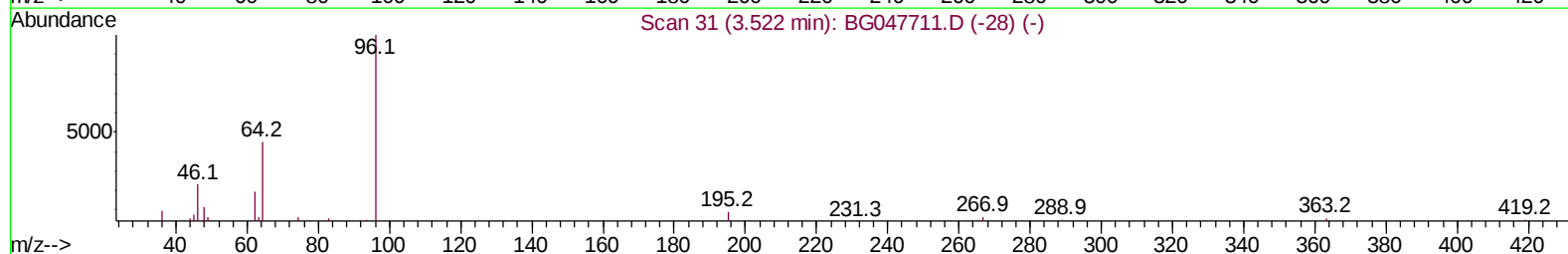
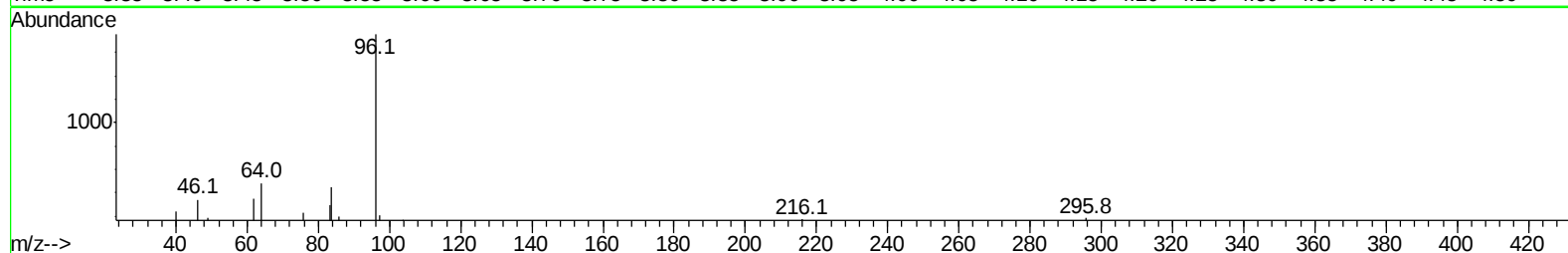
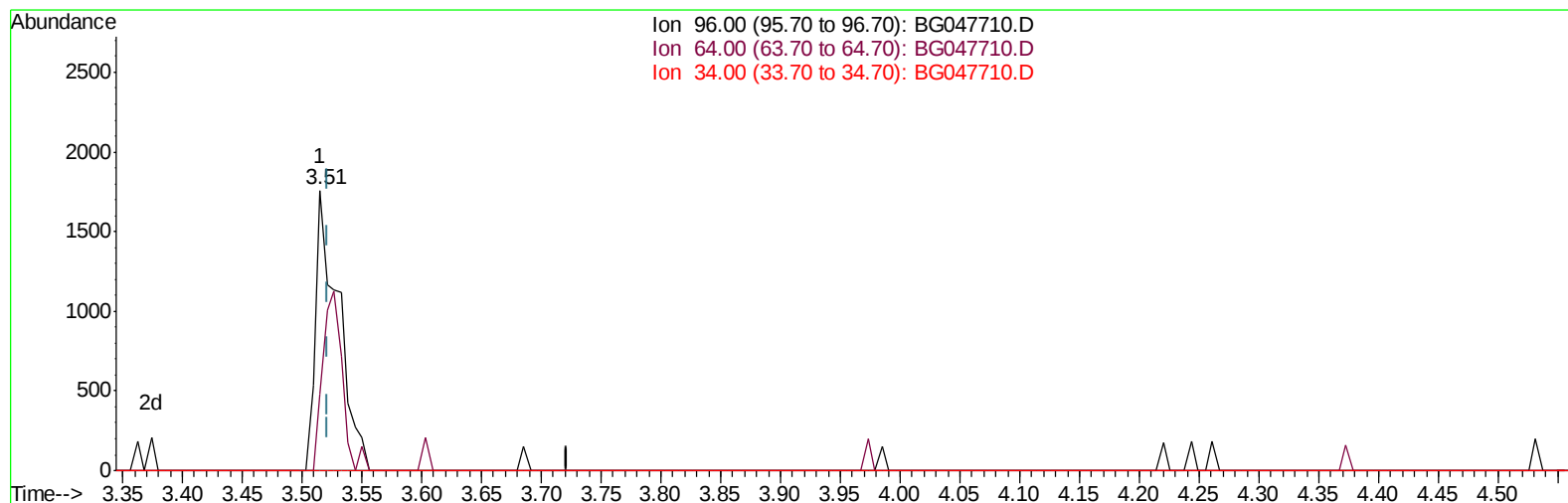
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SSTD01004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD010004

Manual Integrations  
 APPROVED

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Quant Time: Dec 11 12:56:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration



TIC: BG047710.D

(3) 1,4-Dioxane-d8 (S)

3.515min (-0.007) 5.20ng/uL m

response 2330

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 56.60 | 27.32# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

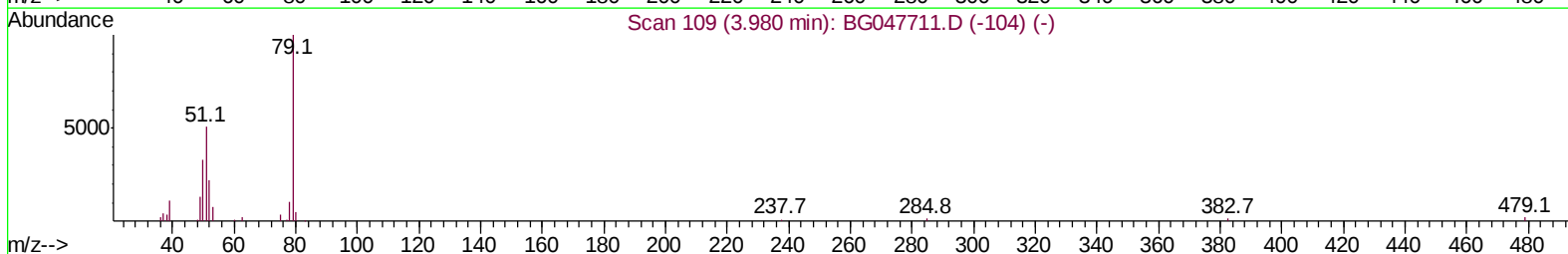
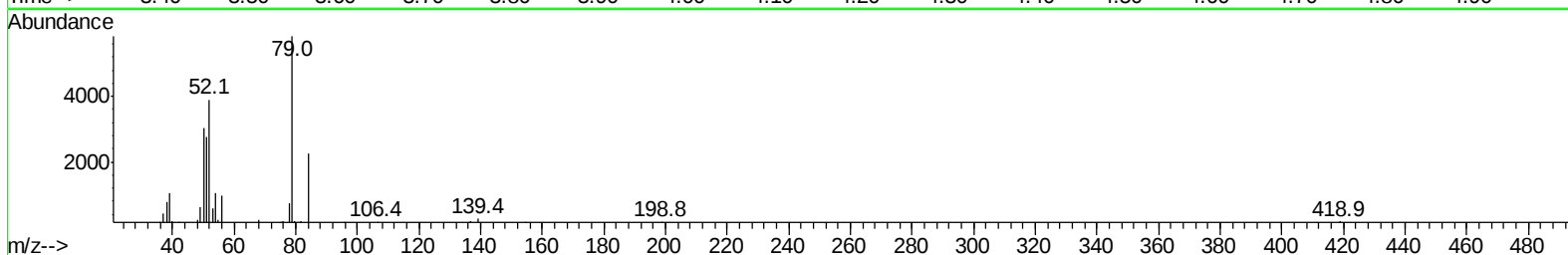
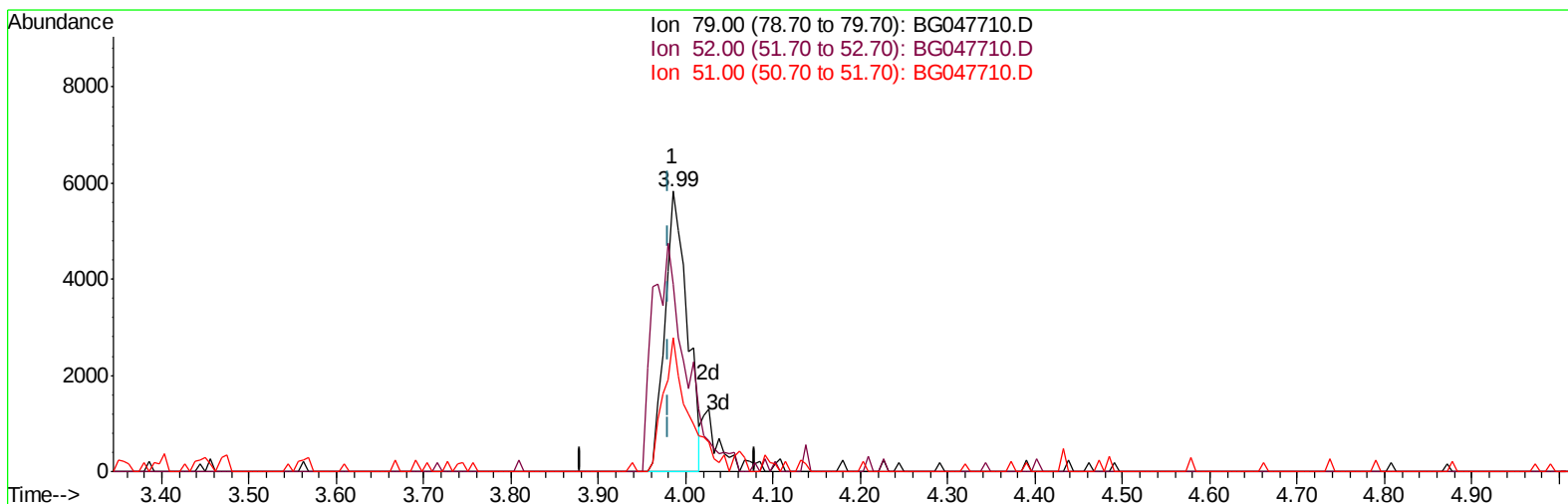
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Data File : BG047710.D  
Acq On : 11 Dec 2020 10:51  
Operator : CG/JU  
Sample : SST001004  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010004

Manual Integrations  
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Quant Time: Dec 11 12:56:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 11 12:42:47 2020  
Response via : Initial Calibration



TIC: BG047710.D

(5) Pyridine

3.985min (+0.005) 7.53ng/ul

response 10358

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 79.00 | 100   | 100   |
| 52.00 | 76.00 | 66.67 |
| 51.00 | 53.00 | 47.64 |
| 0.00  | 0.00  | 0.00  |

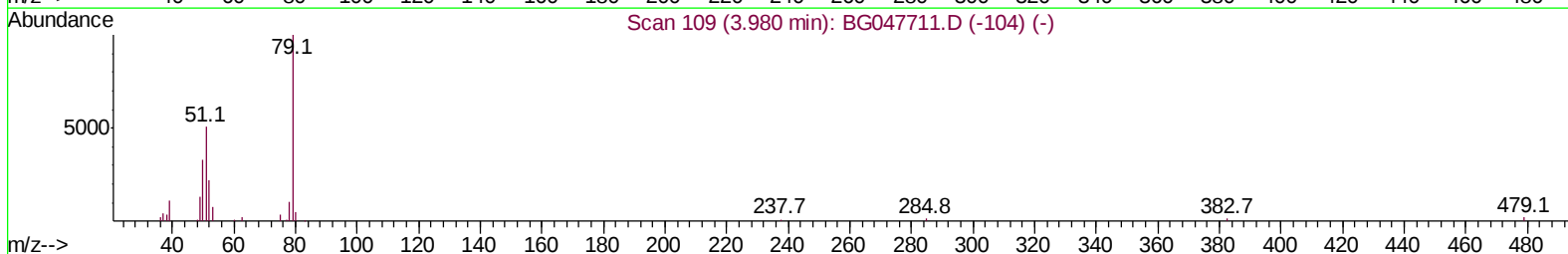
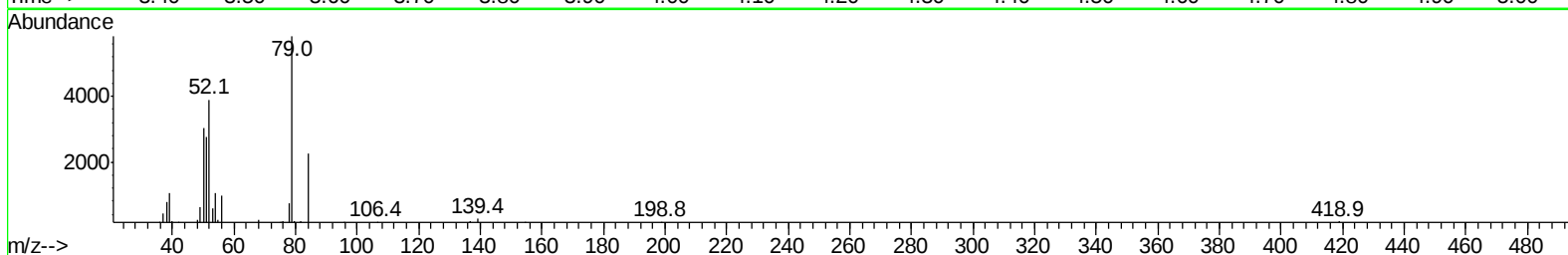
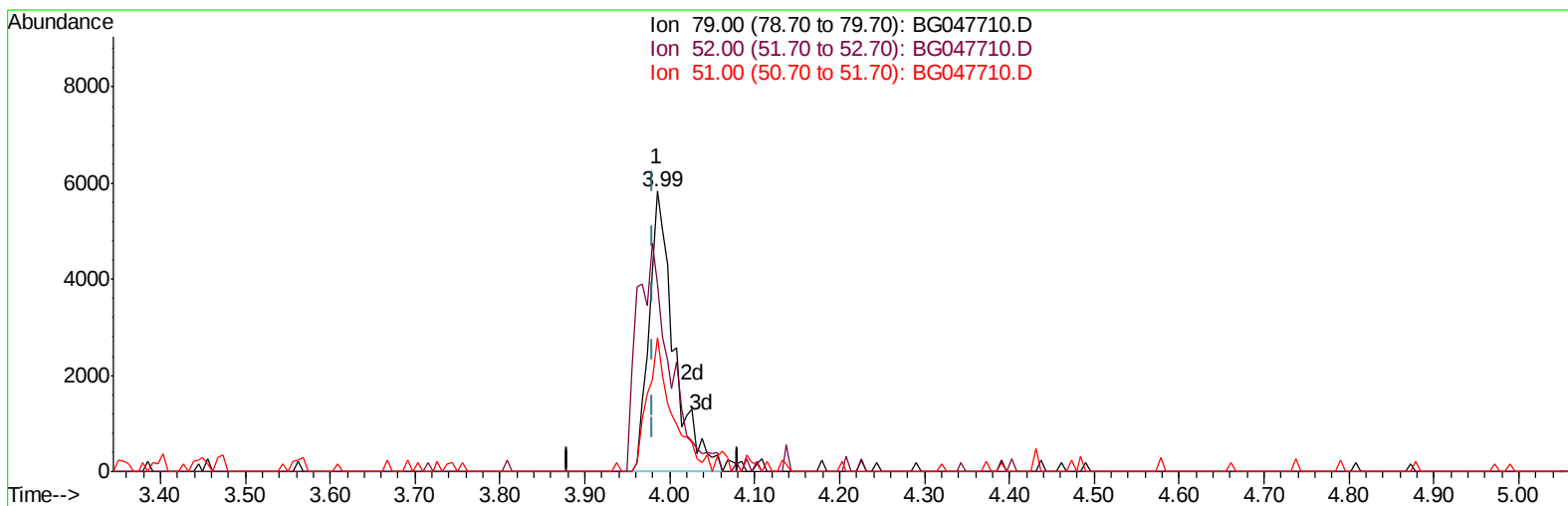
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Data File : BG047710.D  
Acq On : 11 Dec 2020 10:51  
Operator : CG/JU  
Sample : SST001004  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010004

Manual Integrations  
APPROVED

mohammad  
12/14/2020 2:43:53 PM

Quant Time: Dec 11 12:56:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 11 12:42:47 2020  
Response via : Initial Calibration



TIC: BG047710.D

(5) Pyridine

3.985min (+0.005) 8.71ng/ul m

response 11974

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 79.00 | 100   | 100   |
| 52.00 | 76.00 | 66.67 |
| 51.00 | 53.00 | 47.64 |
| 0.00  | 0.00  | 0.00  |

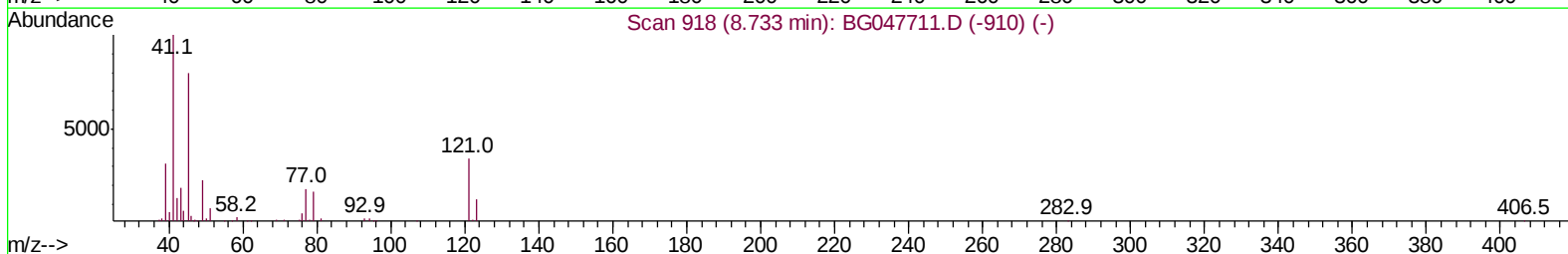
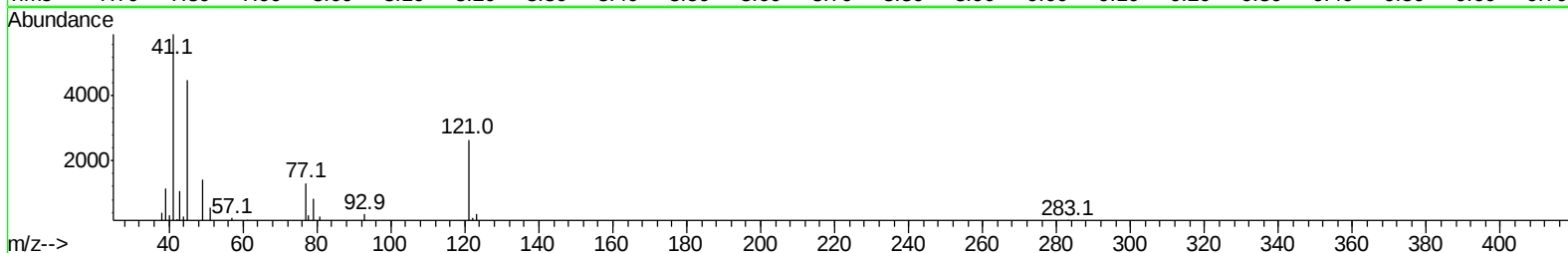
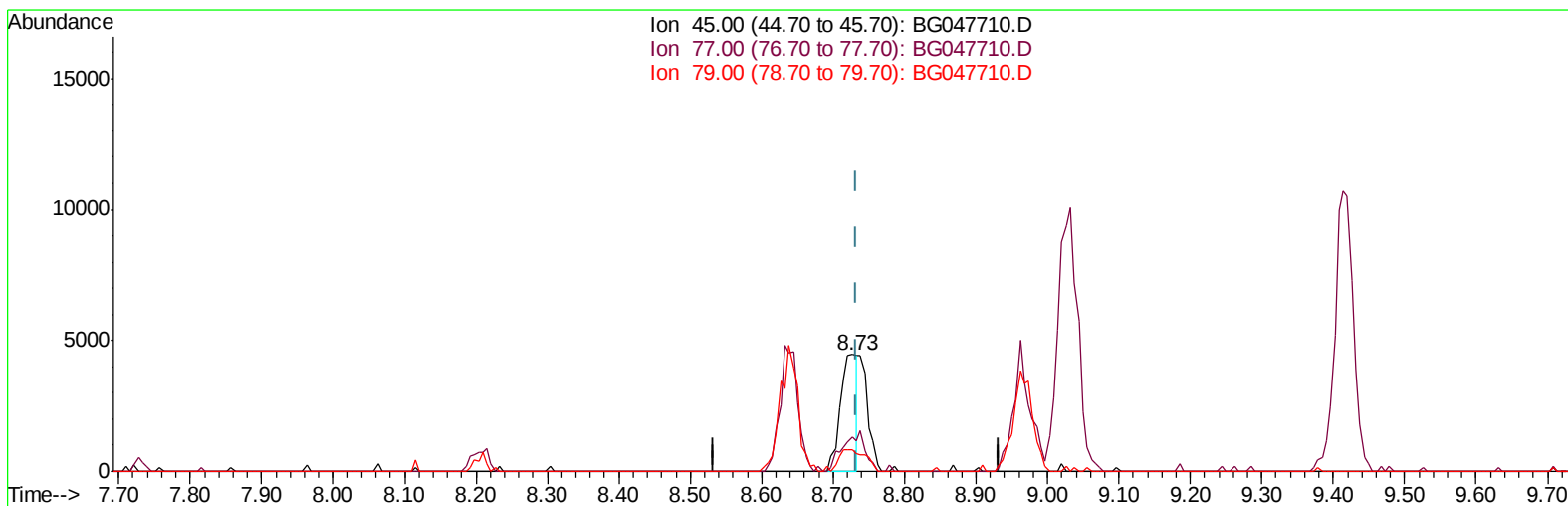
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Data File : BG047710.D  
Acq On : 11 Dec 2020 10:51  
Operator : CG/JU  
Sample : SSTD01004  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010004

Quant Time: Dec 11 12:56:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 11 12:42:47 2020  
Response via : Initial Calibration

Manual Integrations  
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TIC: BG047710.D

(14) 2,2'-oxybis(1-Chloropropane)

8.727min (-0.007) 6.27ng/ul

response 7331

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 45.00 | 100   | 100    |
| 77.00 | 22.90 | 29.00# |
| 79.00 | 21.30 | 18.10  |
| 0.00  | 0.00  | 0.00   |

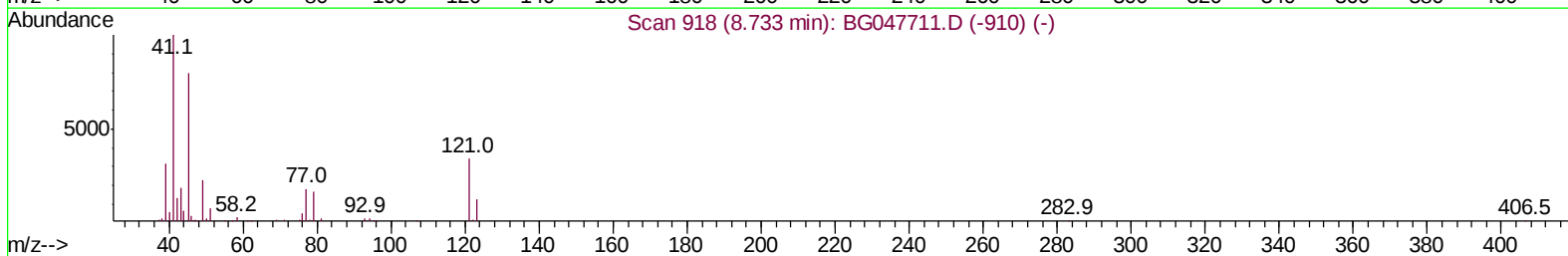
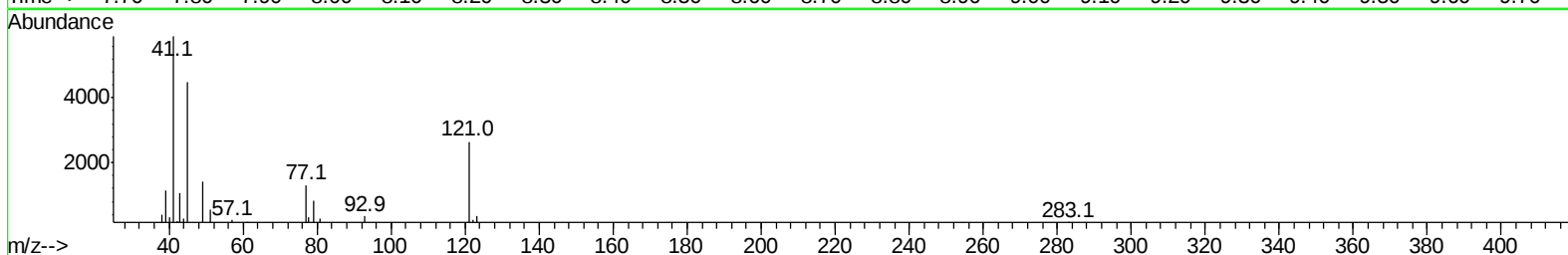
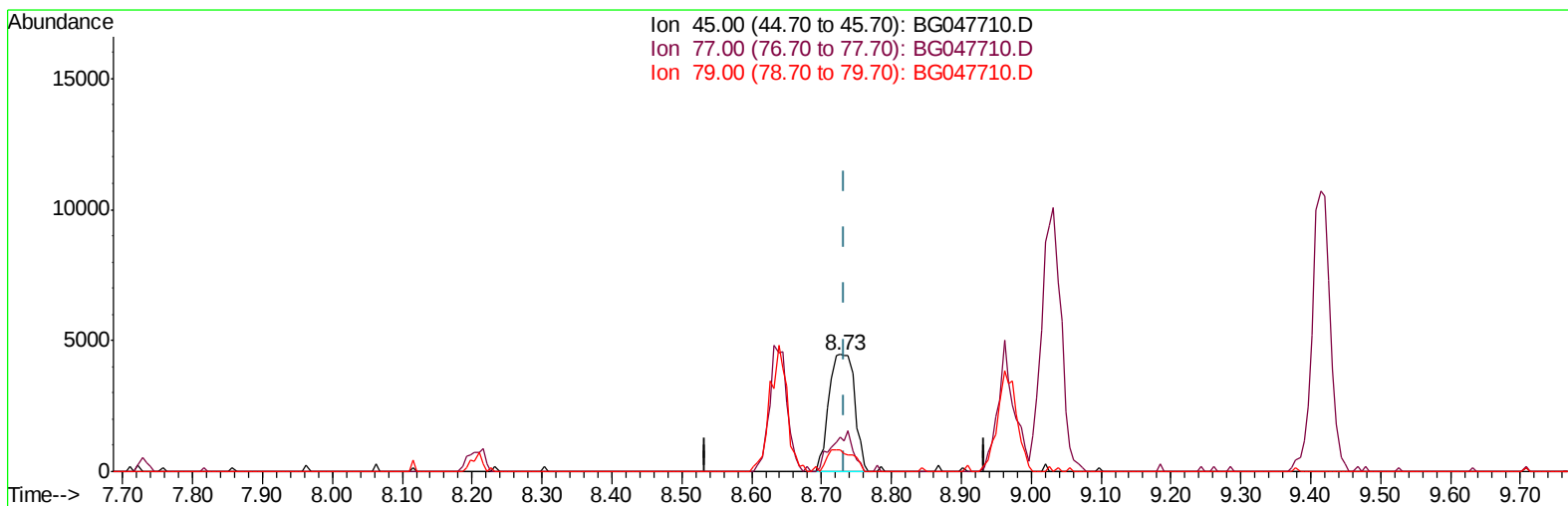
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 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SST01004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST010004

Manual Integrations  
 APPROVED

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 12/14/2020 2:43:53 PM

Quant Time: Dec 11 12:56:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration



TIC: BG047710.D

(14) 2,2'-oxybis(1-Chloropropane)

8.727min (-0.007) 9.66ng/ul m

response 11305

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 45.00 | 100   | 100    |
| 77.00 | 22.90 | 29.00# |
| 79.00 | 21.30 | 18.10  |
| 0.00  | 0.00  | 0.00   |

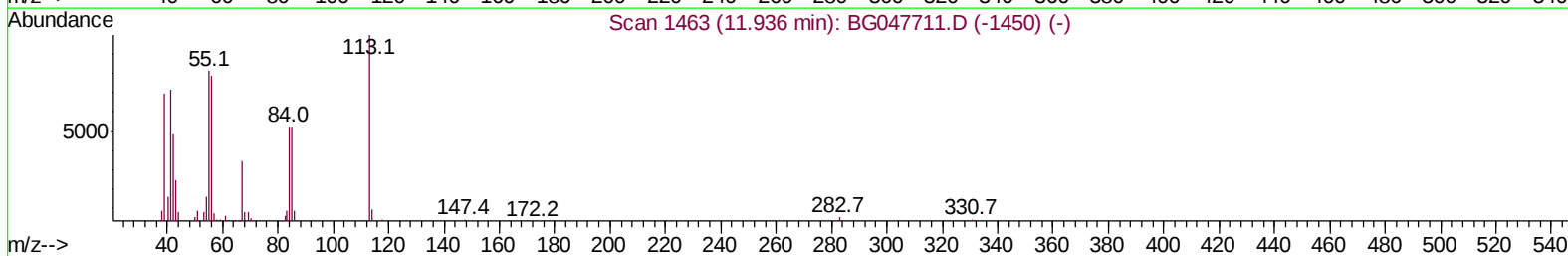
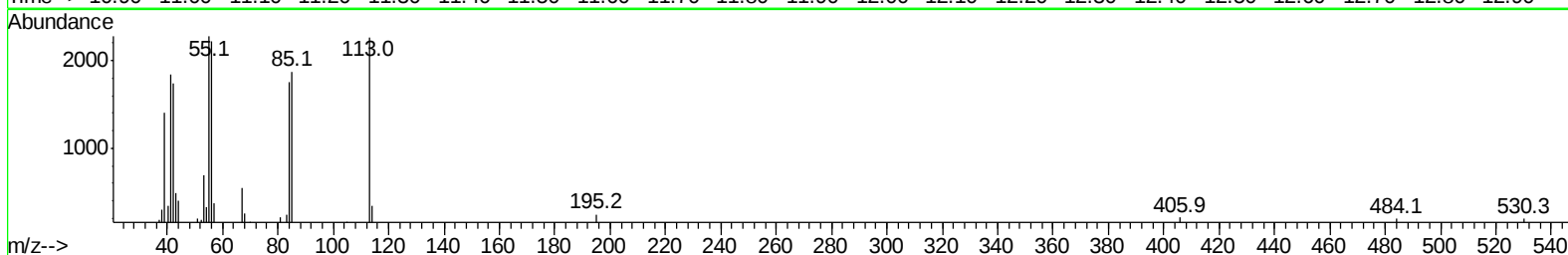
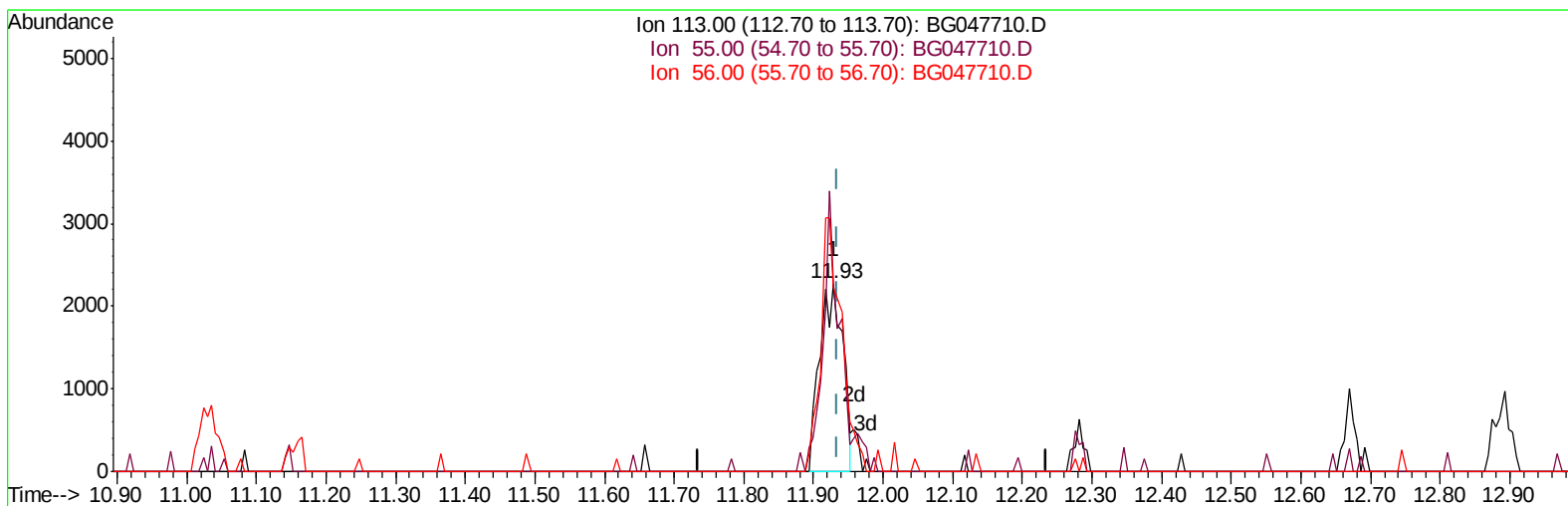
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Data File : BG047710.D  
Acq On : 11 Dec 2020 10:51  
Operator : CG/JU  
Sample : SST01004  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010004

Manual Integrations  
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Quant Time: Dec 11 12:56:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 11 12:42:47 2020  
Response via : Initial Calibration



TIC: BG047710.D

(34) Caprolactam

11.929min (-0.007) 10.46ng/ul

response 5215

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 113.00 | 100   | 100     |
| 55.00  | 81.40 | 100.31# |
| 56.00  | 78.90 | 97.93#  |
| 0.00   | 0.00  | 0.00    |

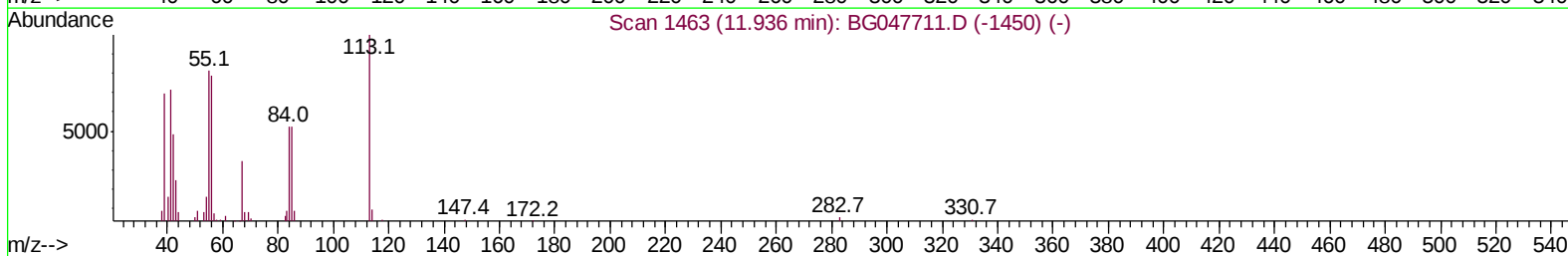
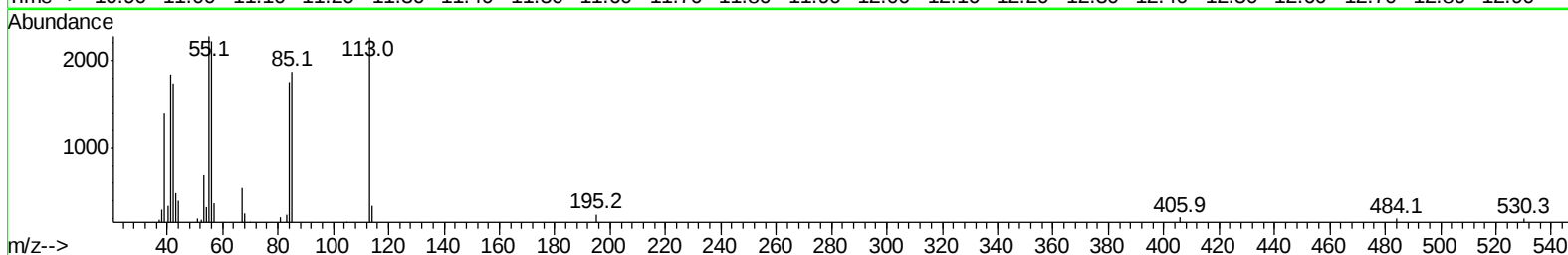
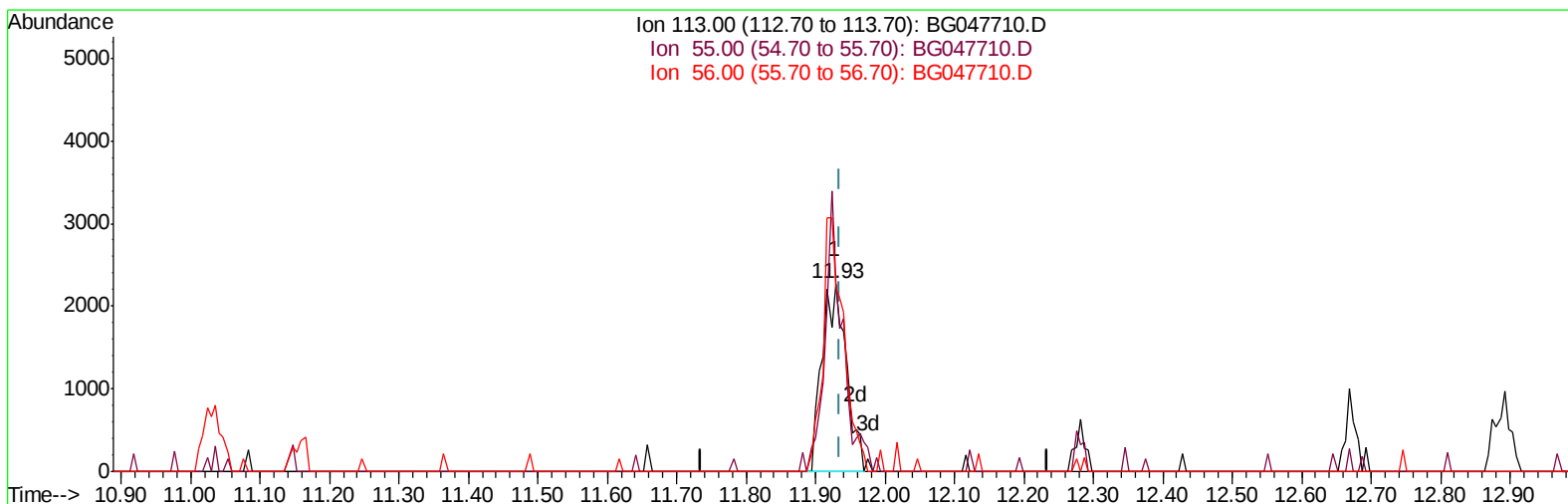
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Data File : BG047710.D  
Acq On : 11 Dec 2020 10:51  
Operator : CG/JU  
Sample : SST01004  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010004

Manual Integrations  
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mohammad  
12/14/2020 2:43:53 PM

Quant Time: Dec 11 12:56:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 11 12:42:47 2020  
Response via : Initial Calibration



TIC: BG047710.D

(34) Caprolactam

11.929min (-0.007) 11.13ng/ul m

response 5552

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 113.00 | 100   | 100     |
| 55.00  | 81.40 | 100.31# |
| 56.00  | 78.90 | 97.93#  |
| 0.00   | 0.00  | 0.00    |

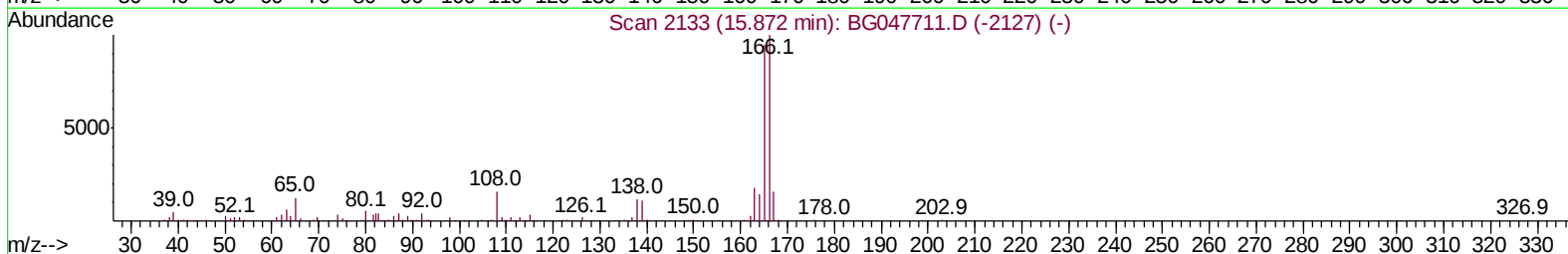
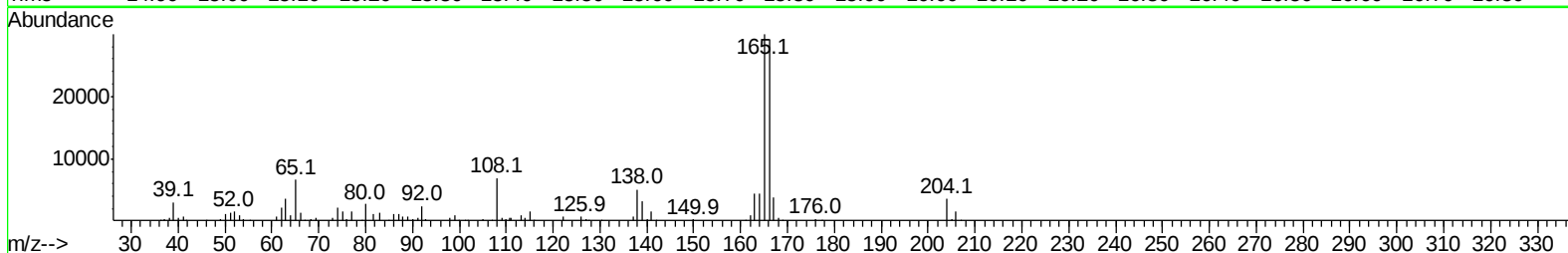
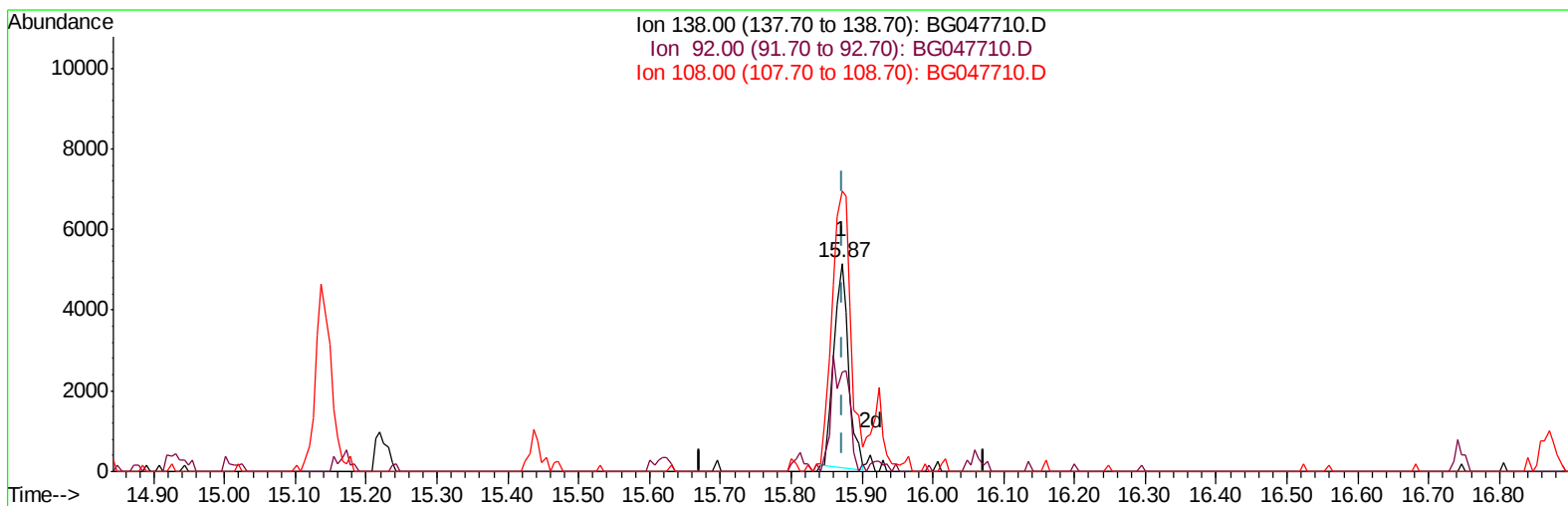
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Data File : BG047710.D  
Acq On : 11 Dec 2020 10:51  
Operator : CG/JU  
Sample : SSTD01004  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual Integrations  
APPROVED

mohammad  
12/14/2020 2:43:53 PM

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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 11 12:42:47 2020  
Response via : Initial Calibration



TIC: BG047710.D

(63) 4-Nitroaniline

15.871min (-0.001) 9.48ng/ul

response 7189

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100    | 100    |
| 92.00  | 39.90  | 47.90# |
| 108.00 | 136.40 | 134.81 |
| 0.00   | 0.00   | 0.00   |

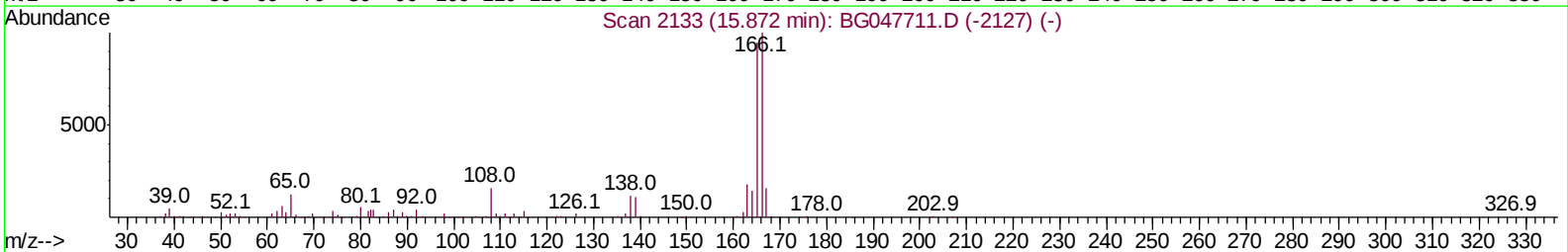
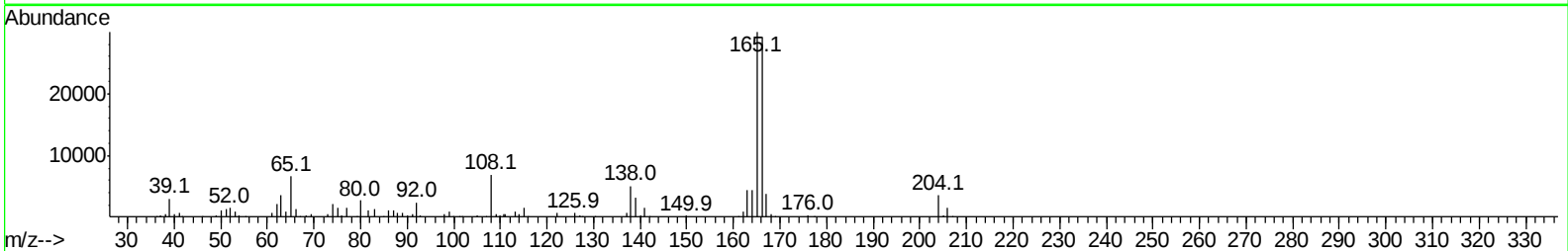
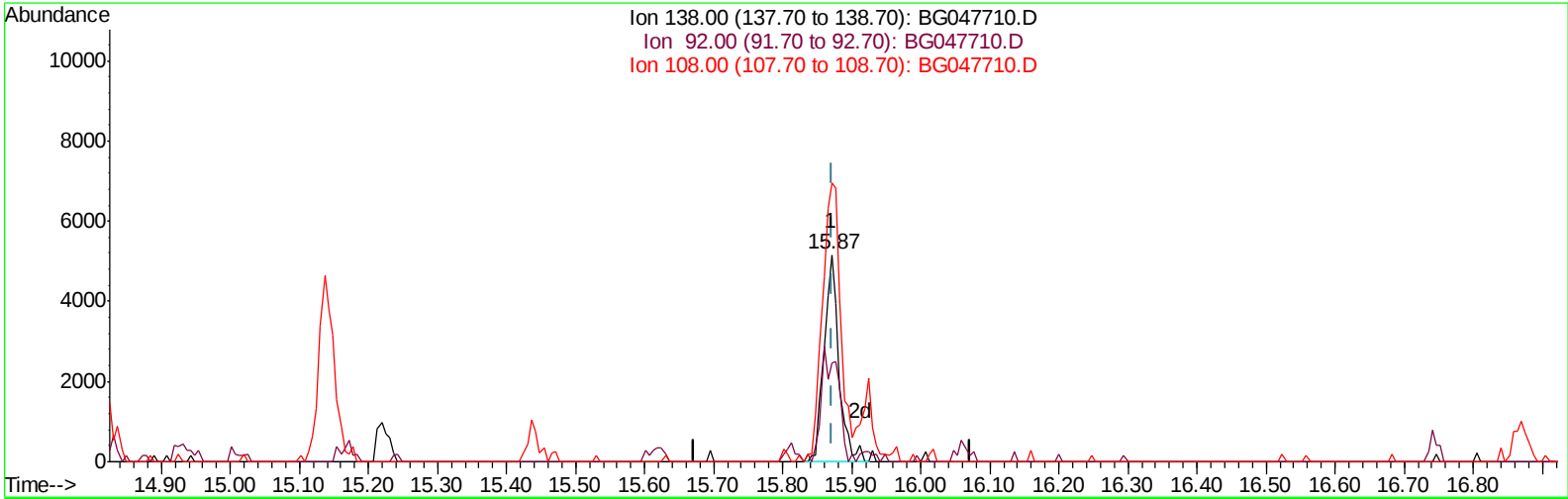
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SSTD01004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD010004

Manual Integrations  
 APPROVED

mohammad  
 12/14/2020 2:43:53 PM

Quant Time: Dec 11 12:56:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration



TIC: BG047710.D

(63) 4-Nitroaniline

15.871min (-0.001) 10.30ng/ul m

response 7814

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100    | 100    |
| 92.00  | 39.90  | 47.90# |
| 108.00 | 136.40 | 134.81 |
| 0.00   | 0.00   | 0.00   |

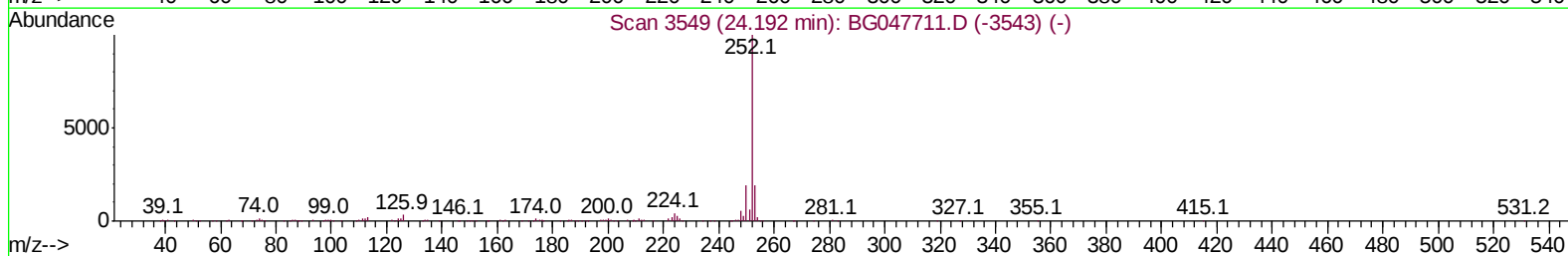
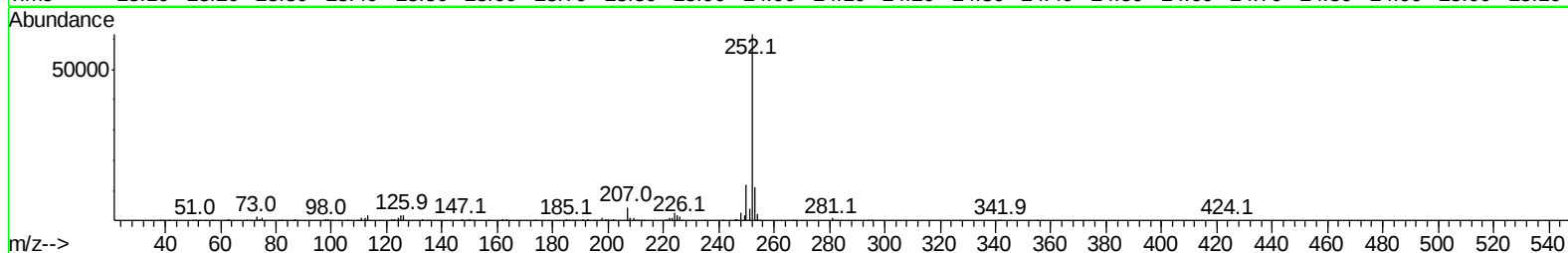
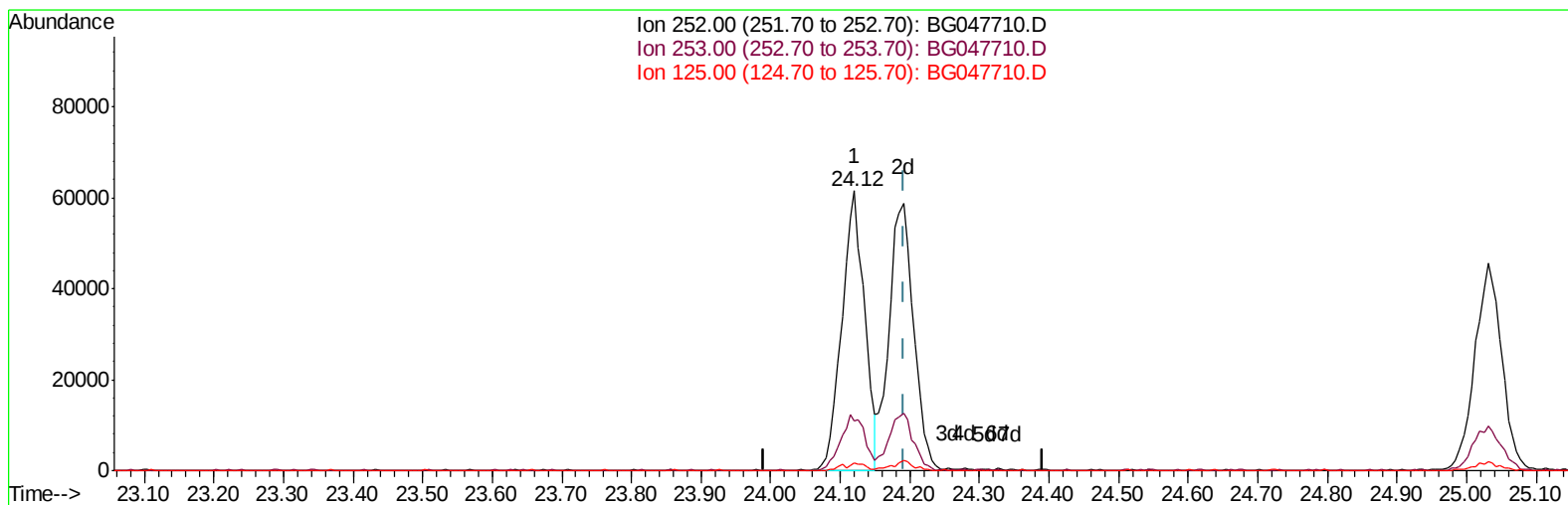
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 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SST01004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST010004

Manual Integrations  
 APPROVED

mohammad  
 12/14/2020 2:43:53 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration



TIC: BG047710.D

(91) Benzo(k)fluoranthene

24.120min (-0.072) 10.07ng/ul

response 139770

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.20 | 17.93 |
| 125.00 | 2.70  | 2.90  |
| 0.00   | 0.00  | 0.00  |

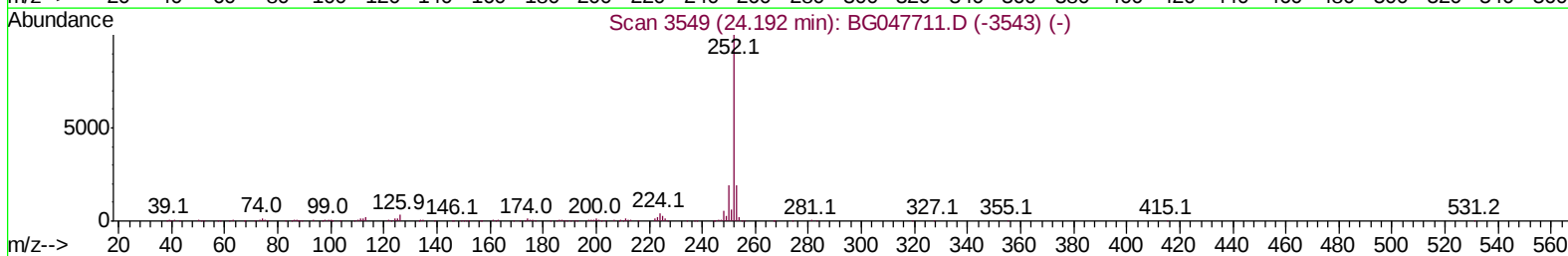
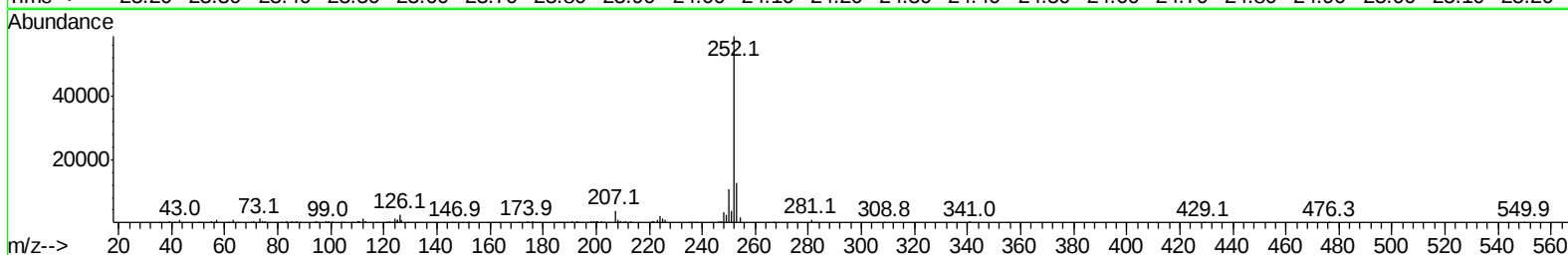
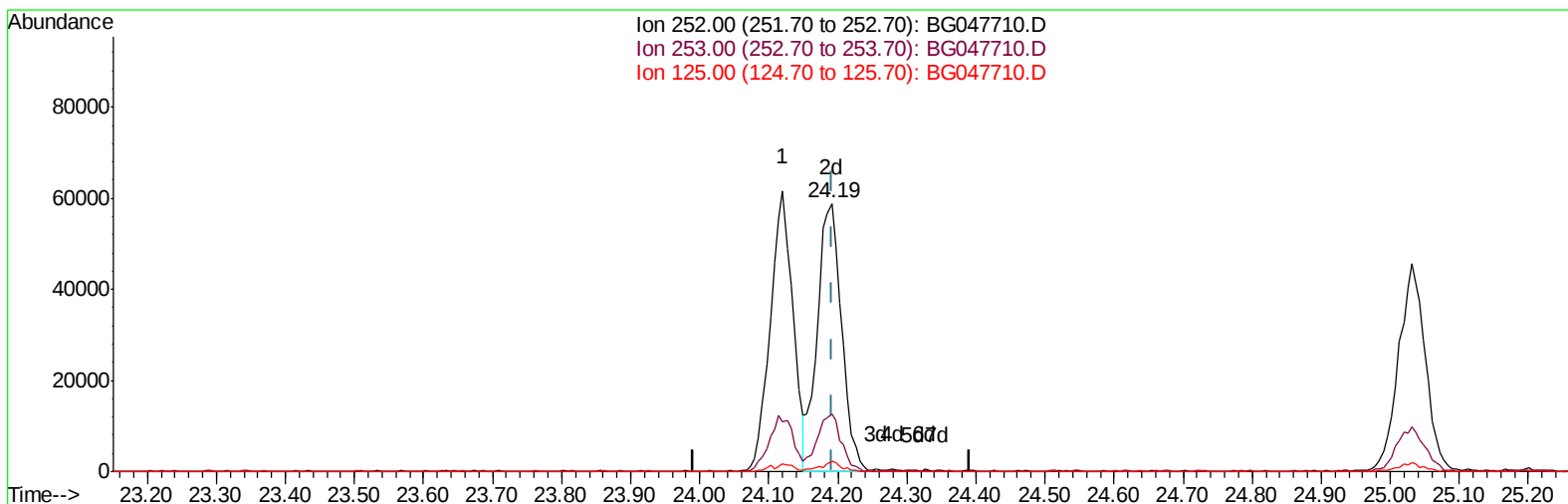
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SSTD01004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD010004

Manual Integrations  
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Quant Time: Dec 11 12:56:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration



TIC: BG047710.D

(91) Benzo(k)fluoranthene

24.191min (-0.001) 10.37ng/ul m

response 143988

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.20 | 21.44 |
| 125.00 | 2.70  | 1.88# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
Data File : BG047710.D  
Acq On : 11 Dec 2020 10:51  
Operator : CG/JU  
Sample : SSTD01004  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

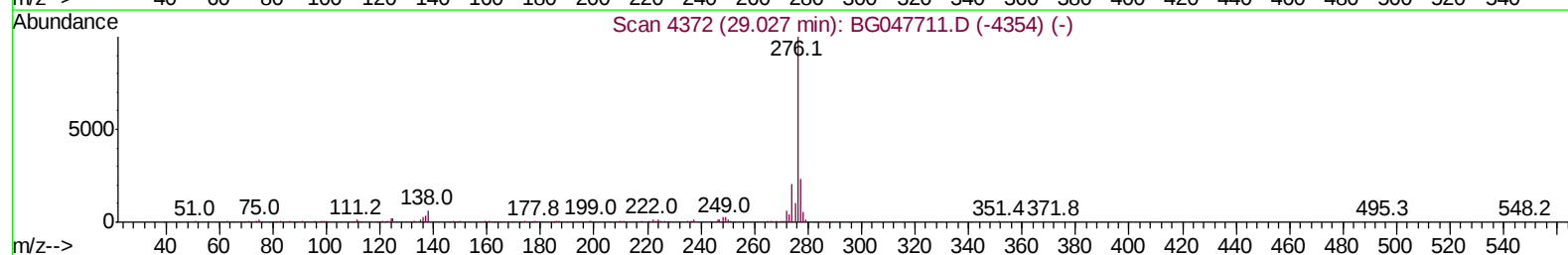
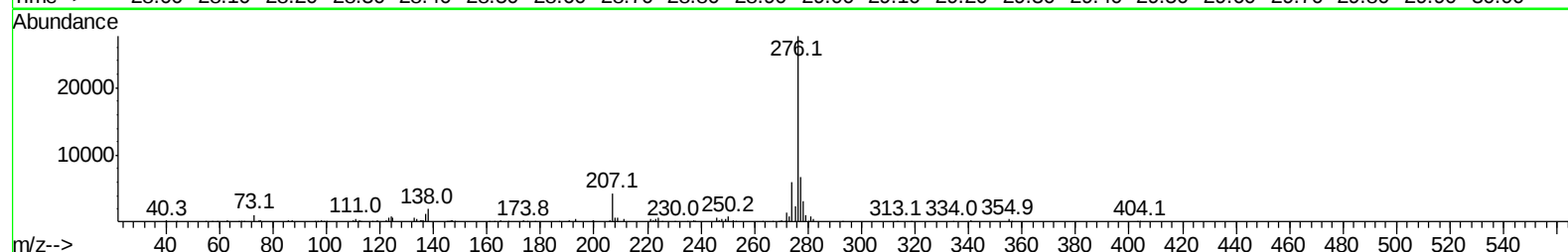
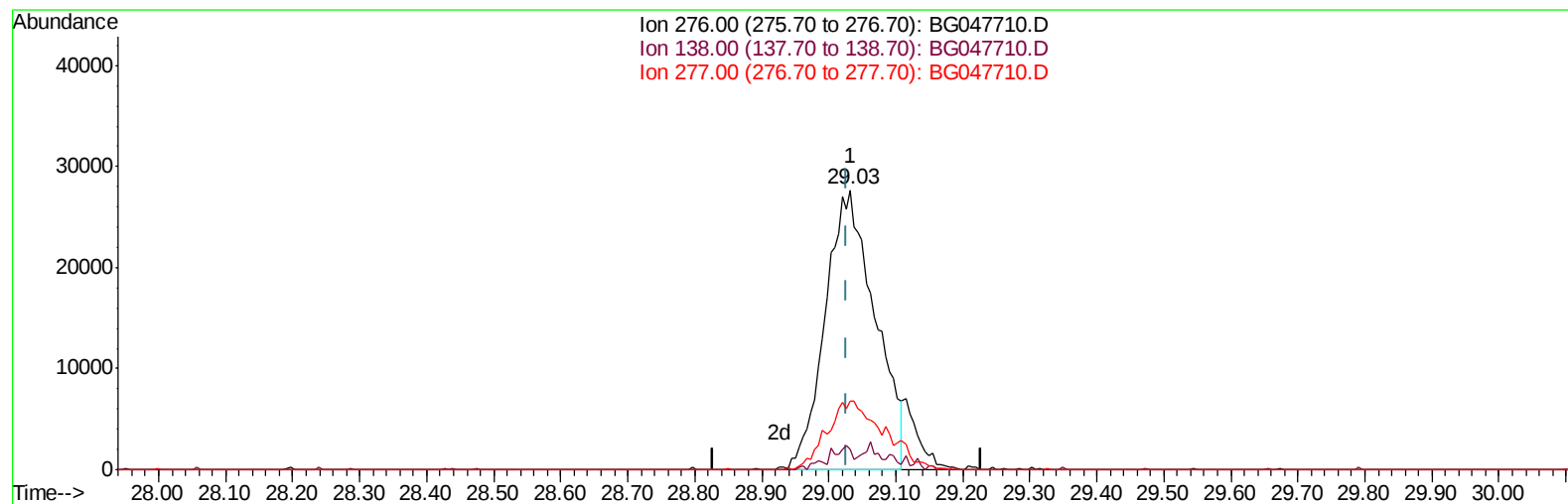
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010004

Manual Integrations  
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Quant Time: Dec 11 12:56:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 11 12:42:47 2020  
Response via : Initial Calibration

Ion 276.00 (275.70 to 276.70): BG047710.D  
Ion 138.00 (137.70 to 138.70): BG047710.D  
Ion 277.00 (276.70 to 277.70): BG047710.D



TIC: BG047710.D

(94) Indeno(1,2,3-cd)pyrene

29.032min (+0.005) 9.26ng/ul

response 142546

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 6.40  | 7.26  |
| 277.00 | 23.00 | 24.59 |
| 0.00   | 0.00  | 0.00  |

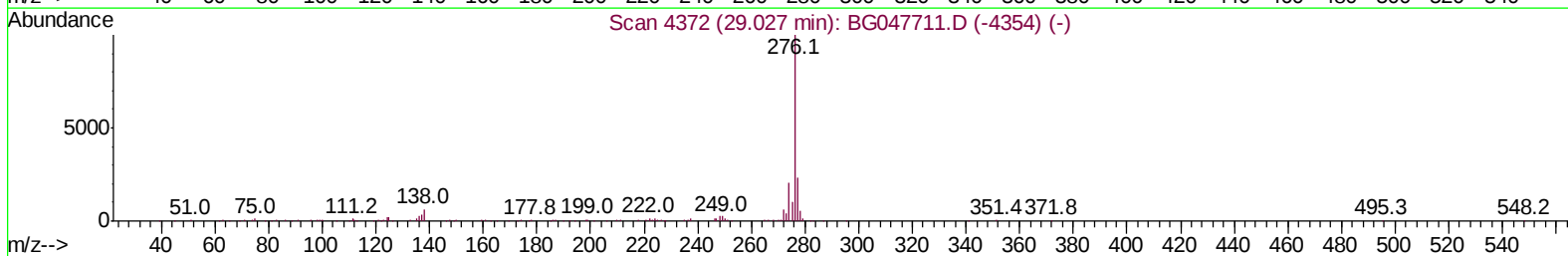
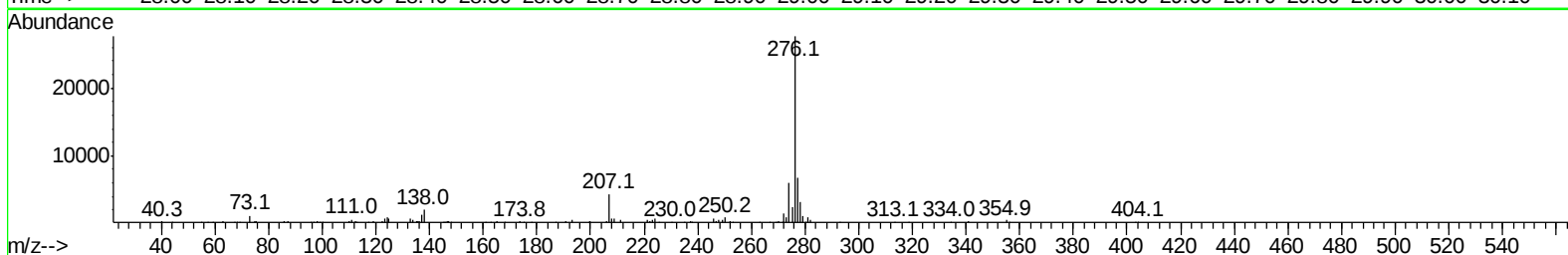
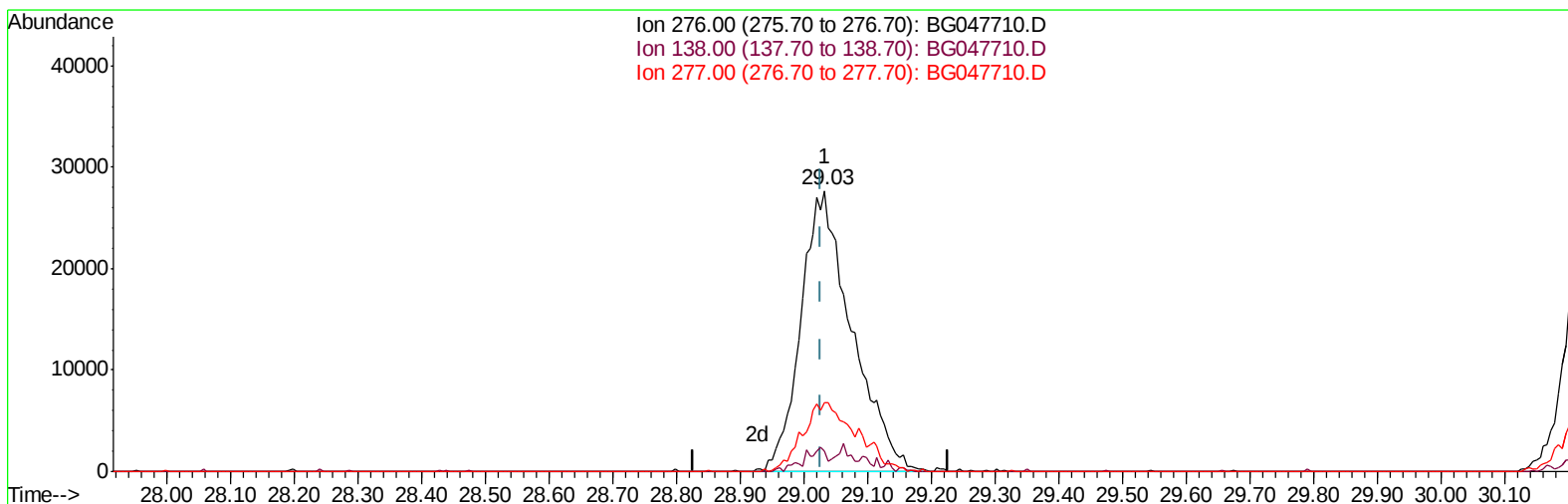
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
Data File : BG047710.D  
Acq On : 11 Dec 2020 10:51  
Operator : CG/JU  
Sample : SST001004  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010004

Manual Integrations  
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Quant Time: Dec 11 12:56:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 11 12:42:47 2020  
Response via : Initial Calibration



TIC: BG047710.D

(94) Indeno(1,2,3-cd)pyrene

29.032min (+0.005) 9.95ng/ul m

response 153279

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 6.40  | 7.26  |
| 277.00 | 23.00 | 24.59 |
| 0.00   | 0.00  | 0.00  |

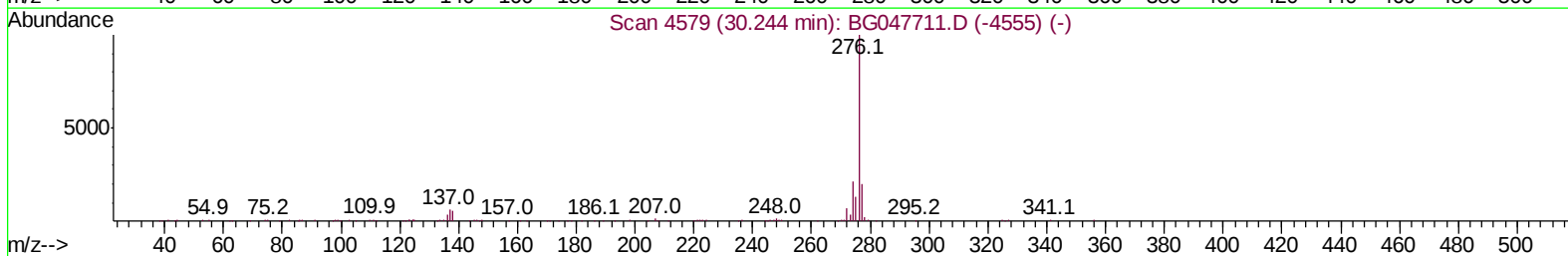
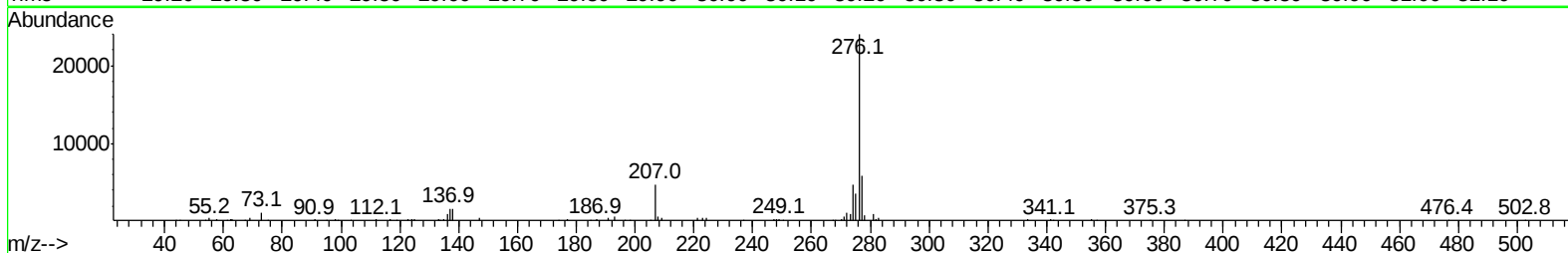
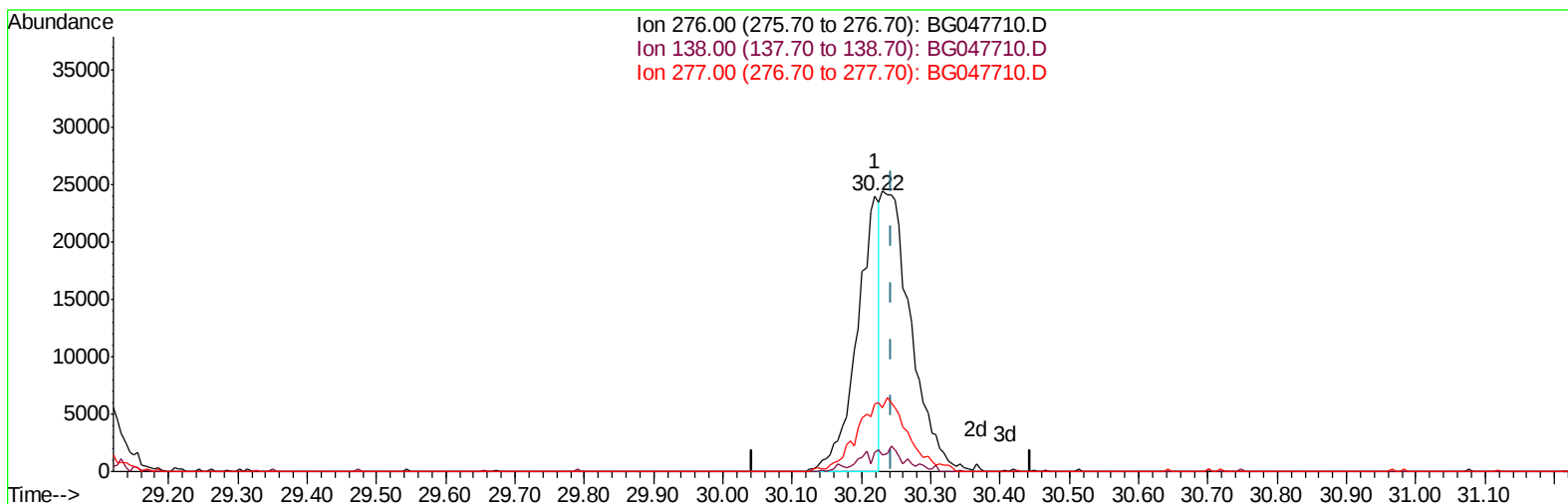
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
 Data File : BG047710.D  
 Acd On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SSTD01004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD010004

Manual Integrations  
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Quant Time: Dec 11 12:56:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration



TIC: BG047710.D

(96) Benzo(g,h,i)perylene

30.219min (-0.025) 4.32ng/ul

response 54518

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 5.30  | 6.93#  |
| 277.00 | 20.00 | 24.37# |
| 0.00   | 0.00  | 0.00   |

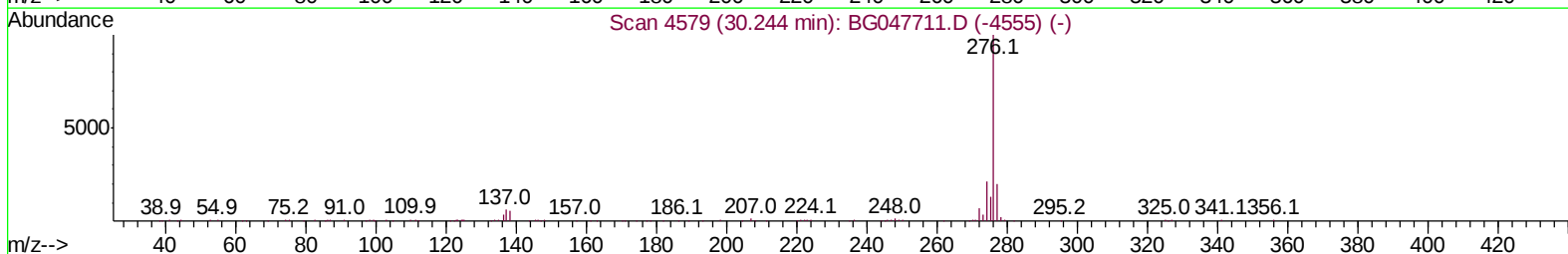
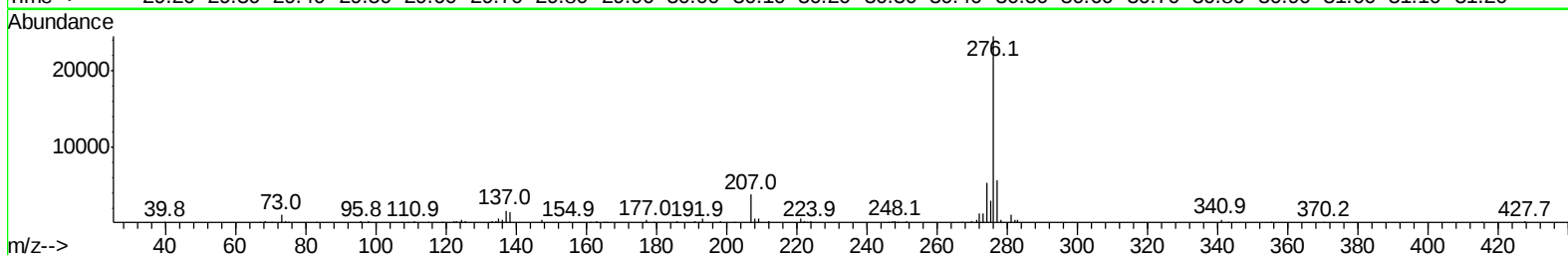
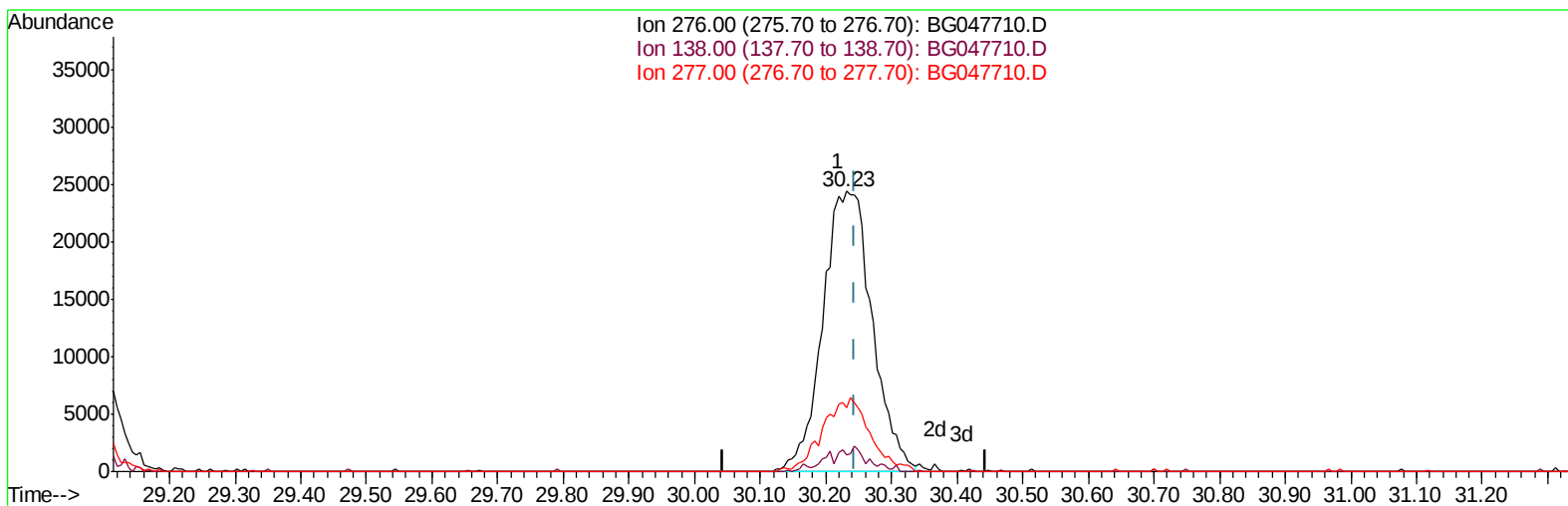
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SST001004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST001004

Manual Integrations  
 APPROVED

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Quant Time: Dec 11 12:56:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration



TIC: BG047710.D

(96) Benzo(g,h,i)perylene

30.231min (-0.013) 9.97ng/ul m

response 125837

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 5.30  | 5.80  |
| 277.00 | 20.00 | 22.83 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SSTD01004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD010004

Manual Integrations  
 APPROVED

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Quant Time: Dec 11 13:00:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.20  | 152  | 21475    | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 11.03 | 136  | 79578    | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.83 | 164  | 61268    | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.56 | 188  | 154195   | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.83 | 240  | 195467   | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 25.19 | 264  | 205075   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 2330m  | 5.20  | ng/uL | 0.00  |
| 4) Pyridine-d5                 | 3.96  | 84  | 12799  | 9.25  | ng/ul | 0.00  |
| 7) Phenol-d5                   | 7.35  | 99  | 16846  | 9.05  | ng/ul | 0.00  |
| 9) Bis-(2-Chloroethyl)ether-d  | 7.52  | 67  | 8962   | 9.14  | ng/ul | 0.00  |
| 11) 2-Chlorophenol-d4          | 7.73  | 132 | 12934  | 9.45  | ng/ul | 0.00  |
| 15) 4-Methylphenol-d8          | 8.91  | 113 | 12291  | 8.39  | ng/ul | 0.01  |
| 21) Nitrobenzene-d5            | 9.37  | 128 | 7041   | 10.63 | ng/ul | 0.00  |
| 24) 2-Nitrophenol-d4           | 10.10 | 143 | 7689   | 9.51  | ng/ul | 0.00  |
| 28) 2,4-Dichlorophenol-d3      | 10.64 | 165 | 15181  | 9.49  | ng/ul | 0.00  |
| 31) 4-Chloroaniline-d4         | 11.15 | 131 | 17670  | 9.31  | ng/ul | 0.00  |
| 46) Dimethylphthalate-d6       | 14.21 | 166 | 49755  | 9.56  | ng/ul | 0.00  |
| 49) Acenaphthylene-d8          | 14.53 | 160 | 56789  | 9.52  | ng/ul | 0.00  |
| 54) 4-Nitrophenol-d4           | 14.99 | 143 | 7119   | 9.39  | ng/ul | 0.00  |
| 60) Fluorene-d10               | 15.81 | 176 | 46064  | 9.69  | ng/ul | 0.00  |
| 65) 4,6-Dinitro-2-methylphenol | 15.92 | 200 | 9371   | 9.43  | ng/ul | 0.00  |
| 73) Anthracene-d10             | 17.66 | 188 | 74919  | 10.02 | ng/ul | 0.00  |
| 81) Pyrene-d10                 | 19.93 | 212 | 99650  | 8.24  | ng/ul | 0.00  |
| 92) Benzo(a)pyrene-d12         | 24.95 | 264 | 115693 | 10.02 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |        | Ovalue |        |
|--------------------------------|-------|-----|--------|--------|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88  | 1797m  | 3.870  | ng/uL  |
| 5) Pyridine                    | 3.99  | 79  | 11974m | 8.709  | ng/ul  |
| 6) Benzaldehyde                | 7.33  | 77  | 9394   | 12.015 | ng/ul  |
| 8) Phenol                      | 7.37  | 94  | 17521  | 9.802  | ng/ul  |
| 10) Bis(2-Chloroethyl)ether    | 7.60  | 93  | 11658  | 9.304  | ng/ul  |
| 12) 2-Chlorophenol             | 7.76  | 128 | 12737  | 9.230  | ng/ul# |
| 13) 2-Methylphenol             | 8.64  | 108 | 11496  | 8.051  | ng/ul  |
| 14) 2,2'-oxybis(1-Chloropropan | 8.73  | 45  | 11305m | 9.663  | ng/ul  |
| 16) Acetophenone               | 9.03  | 105 | 23247  | 9.774  | ng/ul  |
| 17) N-Nitroso-di-n-propylamine | 9.00  | 70  | 11859  | 9.168  | ng/ul# |
| 18) 4-Methylphenol             | 8.96  | 108 | 14204  | 9.513  | ng/ul  |
| 19) Hexachloroethane           | 9.31  | 117 | 6775   | 10.341 | ng/ul  |
| 22) Nitrobenzene               | 9.41  | 77  | 19359  | 9.630  | ng/ul# |
| 23) Isophorone                 | 9.94  | 82  | 33202  | 9.394  | ng/ul  |
| 25) 2-Nitrophenol              | 10.13 | 139 | 7656   | 9.441  | ng/ul  |
| 26) 2,4-Dimethylphenol         | 10.18 | 107 | 18732  | 9.897  | ng/ul# |
| 27) Bis(2-Chloroethoxy)methane | 10.42 | 93  | 15943  | 9.959  | ng/ul# |
| 29) 2,4-Dichlorophenol         | 10.67 | 162 | 14265  | 9.678  | ng/ul# |
| 30) Naphthalene                | 11.08 | 128 | 45337  | 10.268 | ng/ul  |
| 32) 4-Chloroaniline            | 11.18 | 127 | 17035  | 9.512  | ng/ul  |
| 33) Hexachlorobutadiene        | 11.36 | 225 | 16139  | 10.669 | ng/ul  |
| 34) Caprolactam                | 11.93 | 113 | 5552m  | 11.131 | ng/ul  |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SST001004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST0010004

Manual Integrations  
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Quant Time: Dec 11 13:00:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 11 12:42:47 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 35) 4-Chloro-3-methylphenol    | 12.28 | 107  | 14926    | 8.893  | ng/ul  | 89       |
| 36) 2-Methylnaphthalene        | 12.67 | 142  | 32162    | 9.591  | ng/ul  | 94       |
| 37) 1-Methylnaphthalene        | 12.89 | 142  | 31325    | 9.727  | ng/ul# | 91       |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216  | 23906    | 9.587  | ng/ul  | 92       |
| 40) Hexachlorocyclopentadiene  | 13.02 | 237  | 14283    | 8.510  | ng/ul  | 93       |
| 41) 2,4,6-Trichlorophenol      | 13.27 | 196  | 14824    | 9.537  | ng/ul  | 89       |
| 42) 2,4,5-Trichlorophenol      | 13.33 | 196  | 14463    | 8.509  | ng/ul  | 97       |
| 43) 1,1'-Biphenyl              | 13.66 | 154  | 47599    | 10.007 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene        | 13.71 | 162  | 37752    | 9.857  | ng/ul  | 98       |
| 45) 2-Nitroaniline             | 13.90 | 65   | 12116    | 9.213  | ng/ul  | 88       |
| 47) Dimethylphthalate          | 14.27 | 163  | 52349    | 9.681  | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene         | 14.38 | 165  | 11187    | 9.892  | ng/ul# | 80       |
| 50) Acenaphthylene             | 14.55 | 152  | 55521    | 9.898  | ng/ul# | 95       |
| 51) 3-Nitroaniline             | 14.71 | 138  | 8617     | 11.297 | ng/ul  | 81       |
| 52) Acenaphthene               | 14.89 | 153  | 37671    | 9.255  | ng/ul  | 94       |
| 53) 2,4-Dinitrophenol          | 14.93 | 184  | 3717     | 5.944  | ng/ul  | 93       |
| 55) 4-Nitrophenol              | 15.01 | 109  | 11367    | 8.645  | ng/ul# | 79       |
| 56) Dibenzofuran               | 15.22 | 168  | 53384    | 9.040  | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene         | 15.17 | 165  | 14616    | 9.047  | ng/ul  | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.45 | 232  | 13384    | 8.568  | ng/ul# | 93       |
| 59) Diethylphthalate           | 15.62 | 149  | 52062    | 9.883  | ng/ul  | 96       |
| 61) Fluorene                   | 15.87 | 166  | 47435    | 9.507  | ng/ul# | 96       |
| 62) 4-Chlorophenyl-phenylether | 15.85 | 204  | 30082    | 9.850  | ng/ul# | 87       |
| 63) 4-Nitroaniline             | 15.87 | 138  | 7814m    | 10.299 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylphenol | 15.94 | 198  | 9176     | 8.738  | ng/ul# | 89       |
| 67) N-Nitrosodiphenylamine     | 16.06 | 169  | 44595    | 10.512 | ng/ul  | 93       |
| 68) 4-Bromophenyl-phenylether  | 16.75 | 248  | 19138    | 9.505  | ng/ul  | 91       |
| 69) Hexachlorobenzene          | 16.87 | 284  | 21955    | 10.237 | ng/ul# | 93       |
| 70) Atrazine                   | 17.00 | 200  | 21895    | 11.017 | ng/ul# | 97       |
| 71) Pentachlorophenol          | 17.21 | 266  | 6405     | 6.243  | ng/ul# | 81       |
| 72) Phenanthrene               | 17.60 | 178  | 83998    | 10.152 | ng/ul  | 98       |
| 74) Anthracene                 | 17.70 | 178  | 85509    | 10.320 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.64 | 216  | 24857    | 9.931  | ng/uL  | 92       |
| 76) Pentachlorobenzene         | 15.14 | 250  | 24164    | 9.688  | ng/uL# | 86       |
| 77) Carbazole                  | 17.96 | 167  | 70984    | 10.717 | ng/ul  | 95       |
| 78) Di-n-butylphthalate        | 18.50 | 149  | 87847    | 10.933 | ng/ul  | 97       |
| 80) Fluoranthene               | 19.60 | 202  | 122425   | 8.291  | ng/ul# | 99       |
| 82) Pyrene                     | 19.96 | 202  | 124576   | 8.623  | ng/ul# | 97       |
| 83) Butylbenzylphthalate       | 20.82 | 149  | 44414    | 9.212  | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 51270    | 11.218 | ng/ul# | 100      |
| 85) Benzo(a)anthracene         | 21.82 | 228  | 139812   | 10.076 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phthalate | 21.70 | 149  | 61884    | 9.450  | ng/ul  | 93       |
| 87) Chrysene                   | 21.89 | 228  | 129061   | 9.814  | ng/ul  | 97       |
| 89) Di-n-octyl phthalate       | 22.95 | 149  | 106840   | 9.990  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene       | 24.12 | 252  | 139770   | 9.851  | ng/ul# | 94       |
| 91) Benzo(k)fluoranthene       | 24.19 | 252  | 143988m  | 10.372 | ng/ul  |          |
| 93) Benzo(a)pyrene             | 25.03 | 252  | 122592   | 9.633  | ng/ul# | 98       |
| 94) Indeno(1,2,3-cd)pyrene     | 29.03 | 276  | 153279m  | 9.953  | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene     | 29.10 | 278  | 129117   | 10.030 | ng/ul  | 100      |
| 96) Benzo(g,h,i)perylene       | 30.23 | 276  | 125837m  | 9.971  | ng/ul  |          |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
Data File : BG047710.D  
Acq On : 11 Dec 2020 10:51  
Operator : CG/JU  
Sample : SSTD01004  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010004

Manual Integrations  
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12/14/2020 2:43:53 PM

Quant Time: Dec 11 13:00:50 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG121120.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 11 12:42:47 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| ----- |  |  |  |  |  |  |
| ----- |  |  |  |  |  |  |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\  
 Data File : BG047710.D  
 Acq On : 11 Dec 2020 10:51  
 Operator : CG/JU  
 Sample : SSTD01004  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTD010004

Manual Integrations  
 APPROVED

mohammad  
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