

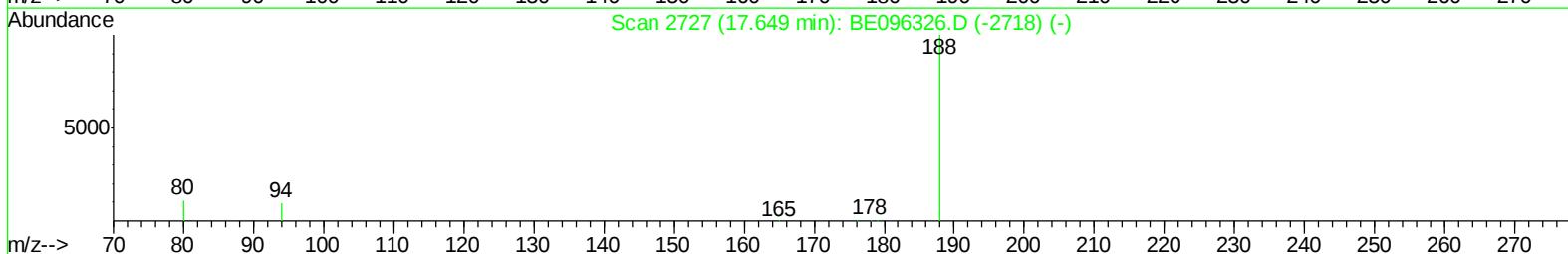
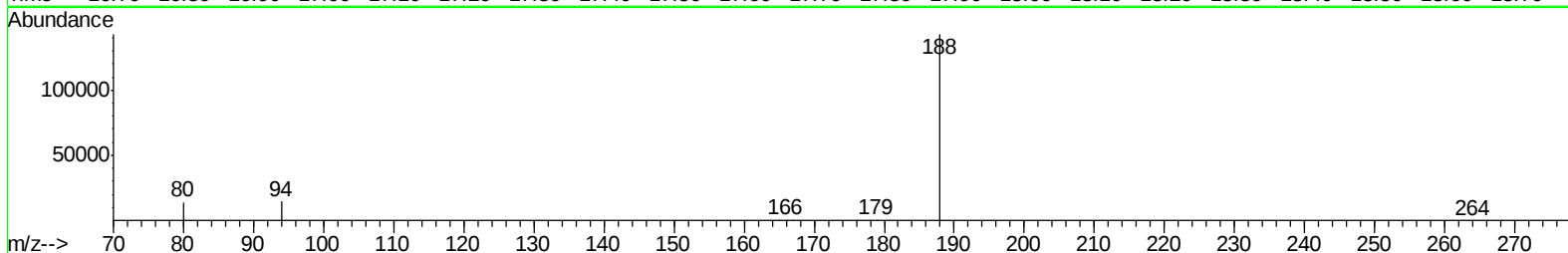
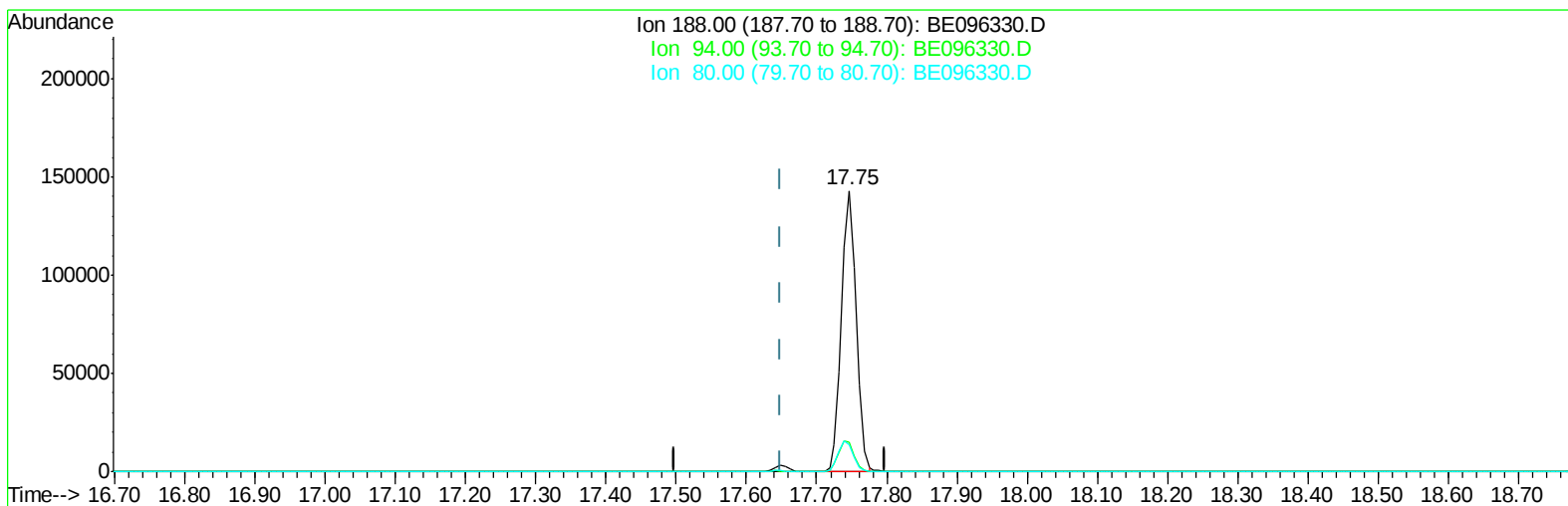
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 01:55:46 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(10) Phenanthrene-d10 (I)

17.747min (+0.098) 0.40ng/ul

response 203832

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 10.29 |
| 80.00  | 11.80 | 9.77  |
| 0.00   | 0.00  | 0.00  |

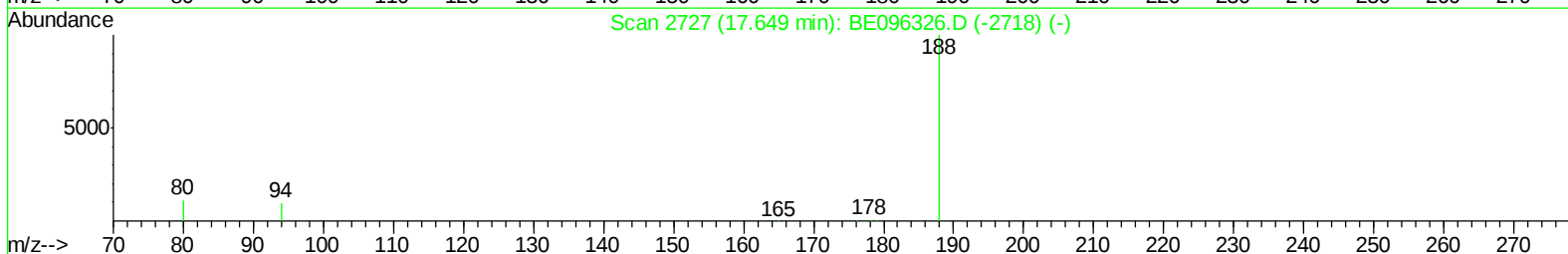
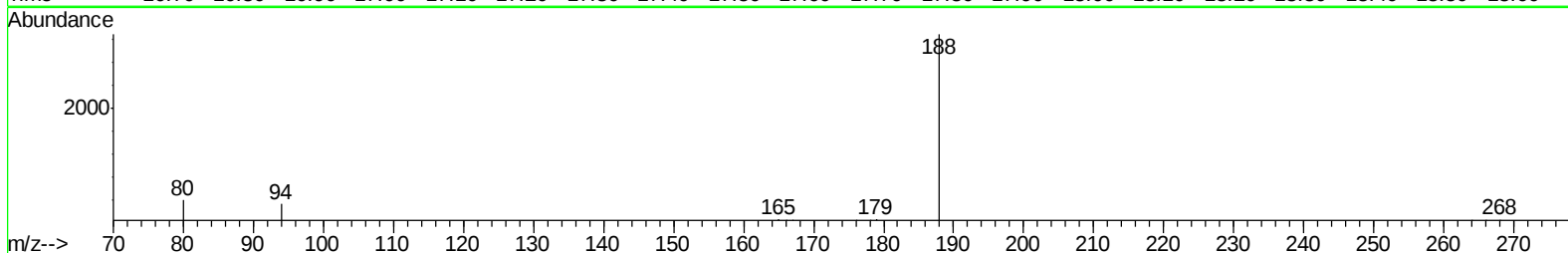
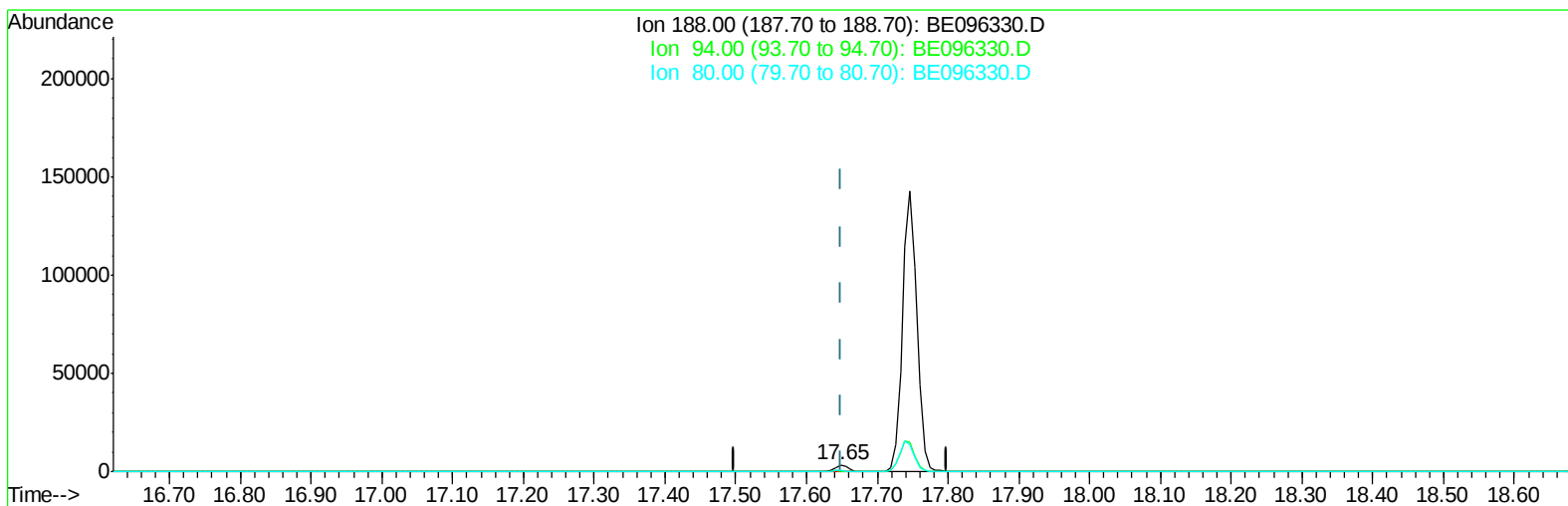
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 01:55:46 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(10) Phenanthrene-d10 (I)

17.648min (-0.001) 0.40ng/ul m

response 4464

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 9.83  |
| 80.00  | 11.80 | 12.14 |
| 0.00   | 0.00  | 0.00  |

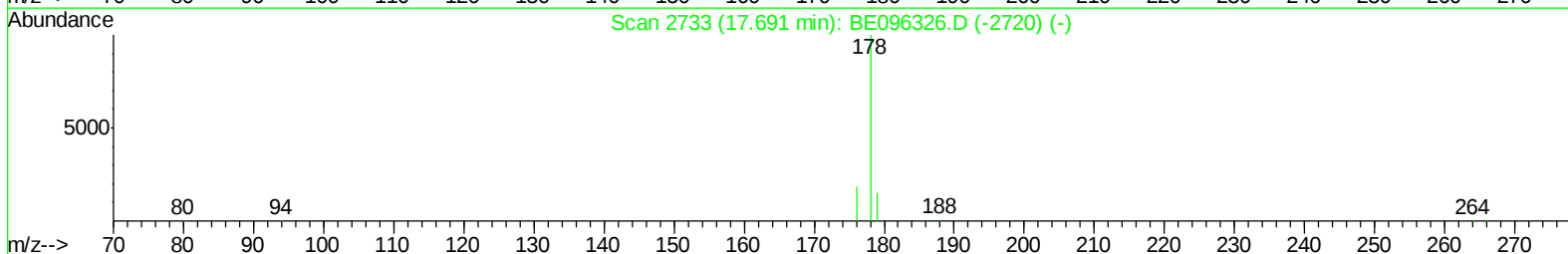
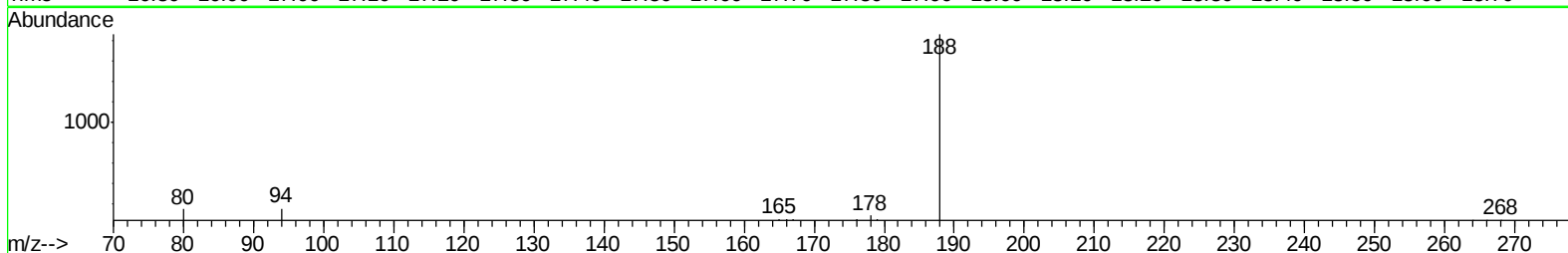
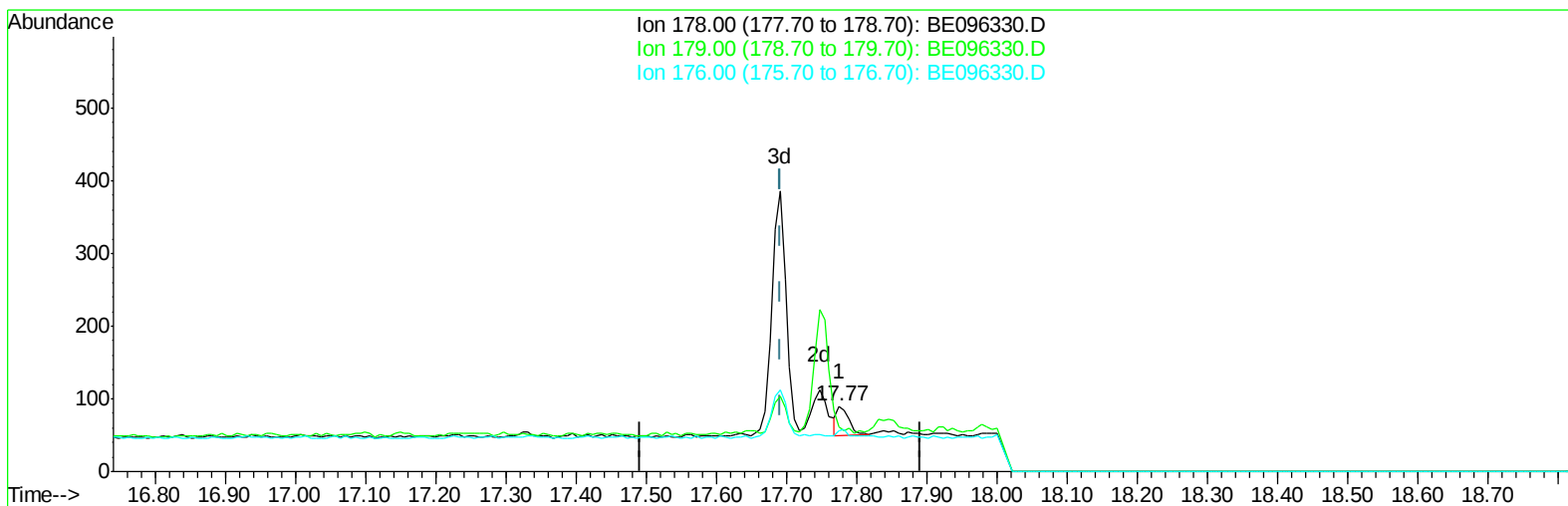
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
 Data File : BE096330.D  
 Acq On : 3 May 2018 19:27  
 Operator : SJ/JU  
 Sample : J2440-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A3Y19

Manual Integrations  
 APPROVED

Sohil  
 5/4/2018 1:34:58 PM

Quant Time: May 04 02:07:57 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 04 01:53:25 2018  
 Response via : Initial Calibration



TIC: BE096330.D

(12) Phenanthrene

17.775min (+0.084) 0.00ng/ul

response 45

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 67.78# |
| 176.00 | 17.00 | 62.22# |
| 0.00   | 0.00  | 0.00   |

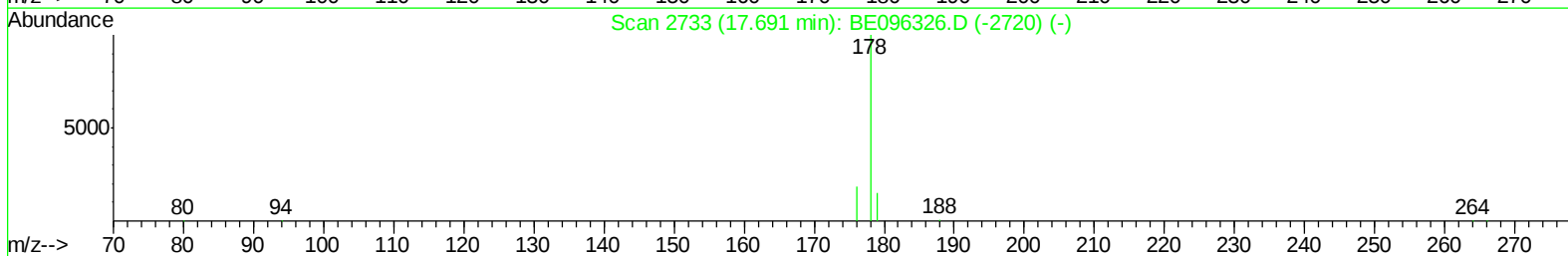
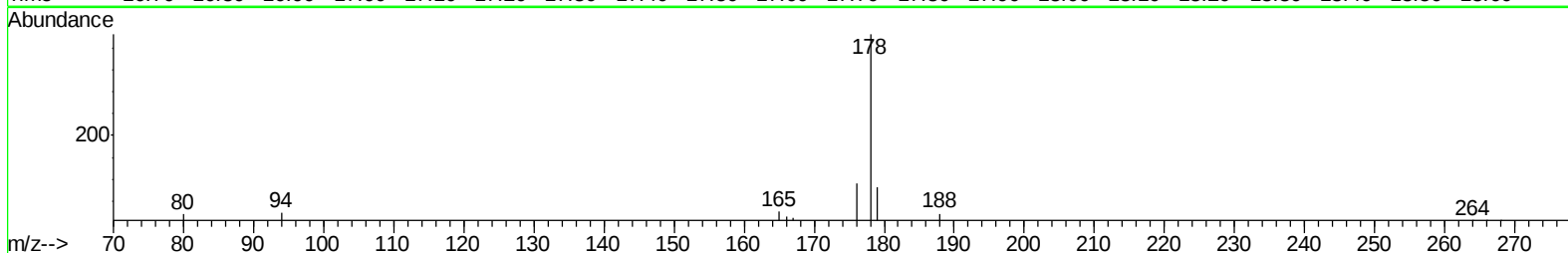
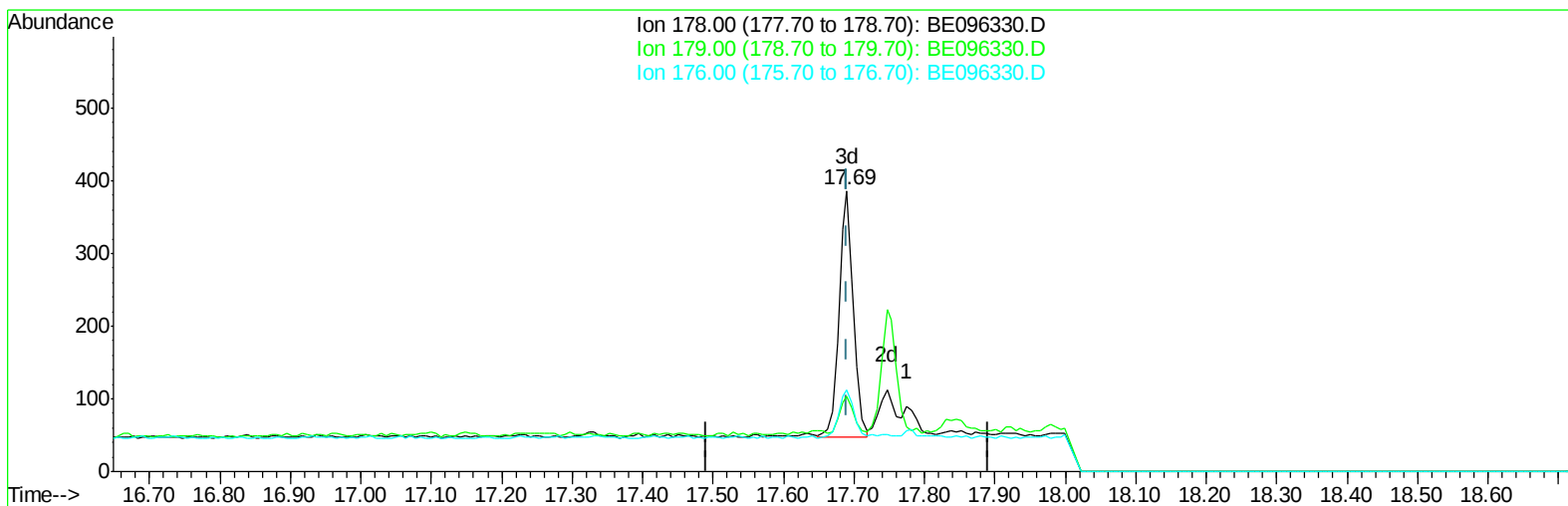
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:07:57 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(12) Phenanthrene

17.690min (-0.001) 0.04ng/ul m

response 490

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 26.94  |
| 176.00 | 17.00 | 29.02# |
| 0.00   | 0.00  | 0.00   |

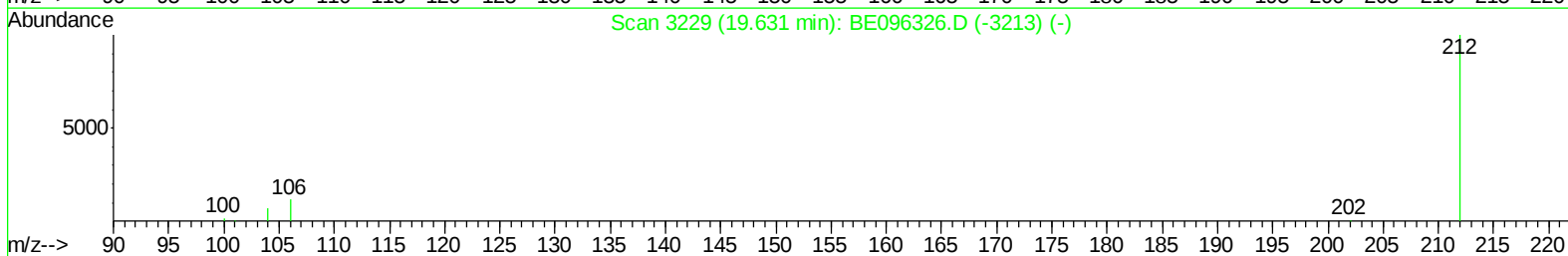
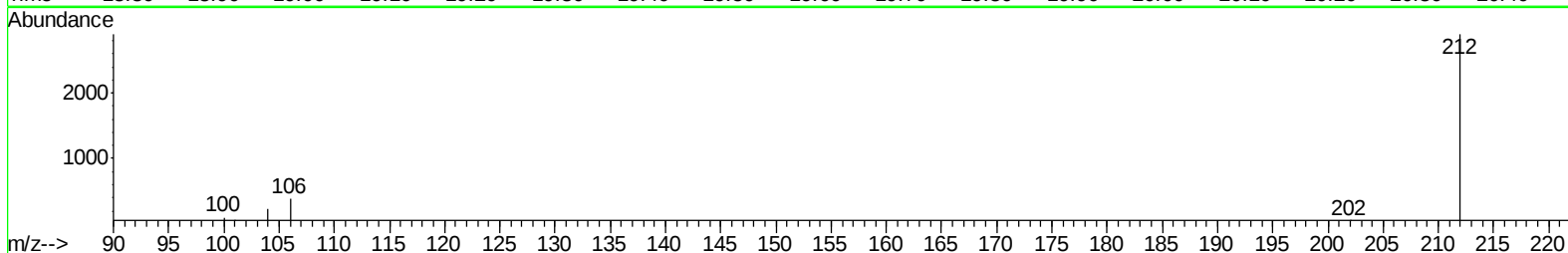
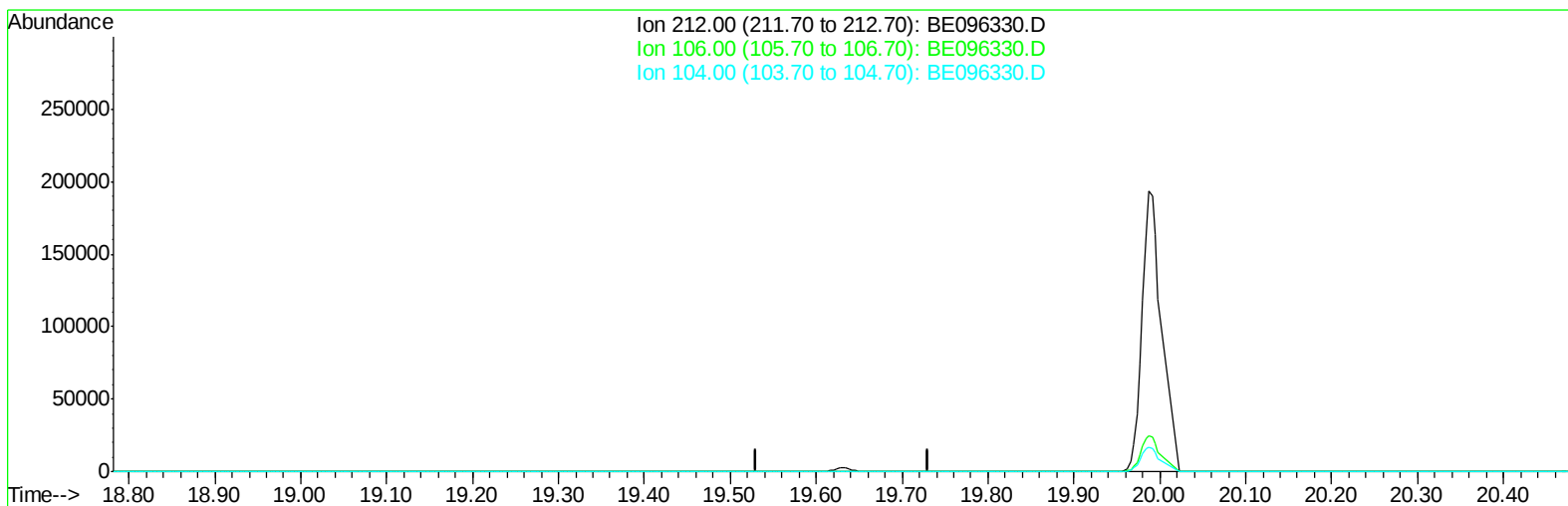
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:07:57 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(14) Fluoranthene-d10 (SURR)

19.631min (-19.631) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

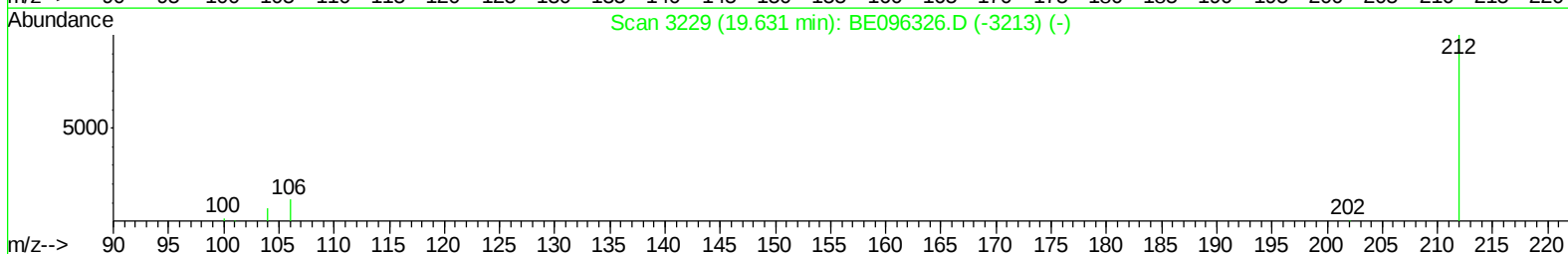
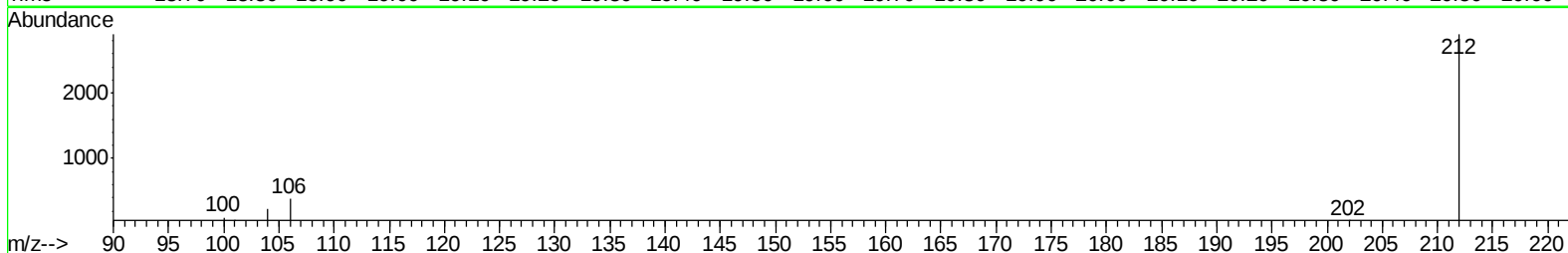
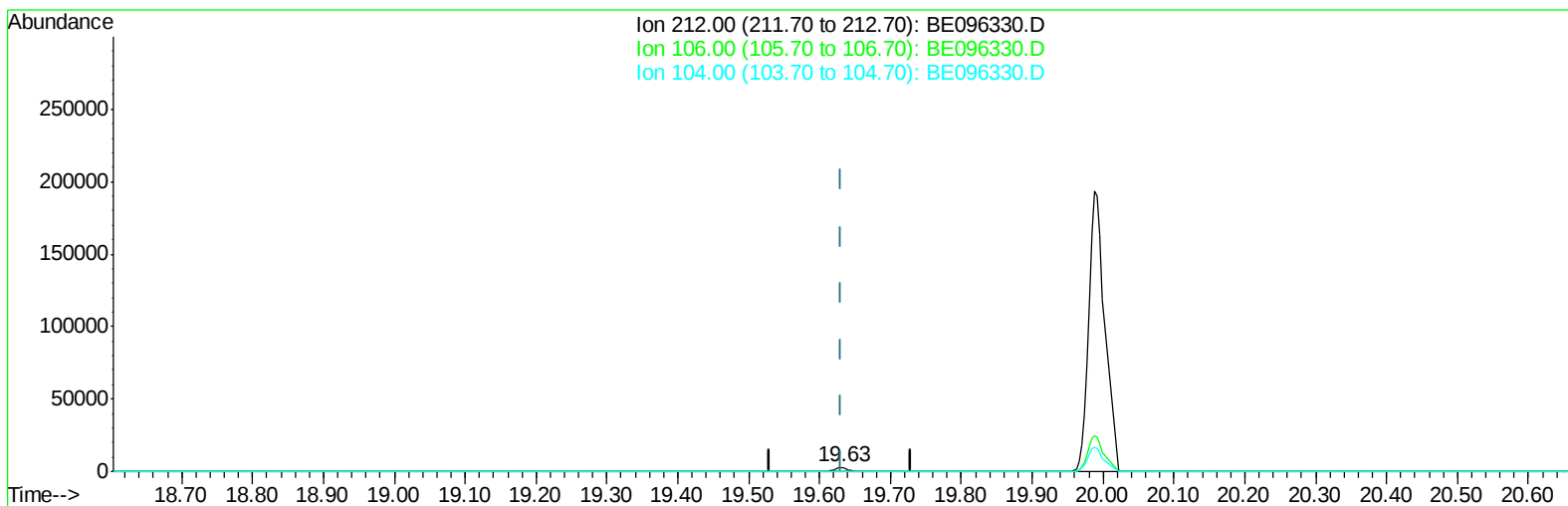
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:07:57 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(14) Fluoranthene-d10 (SURR)

19.631min (+0.000) 0.20ng/ul m

response 3776

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

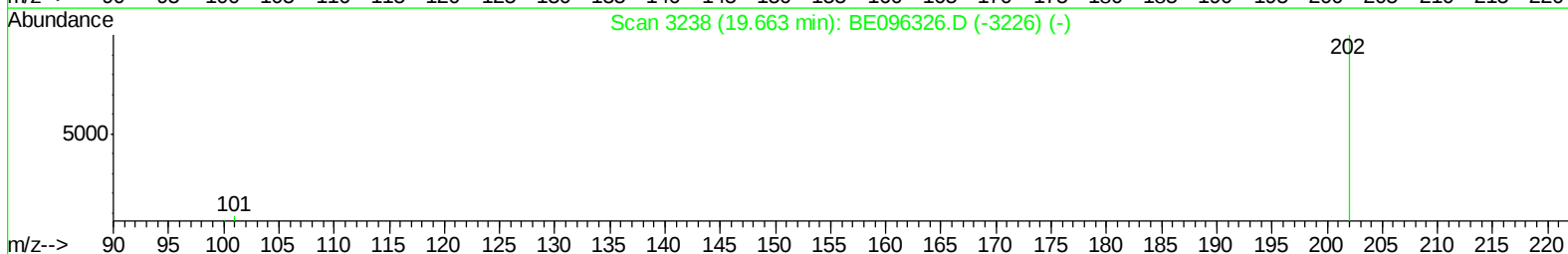
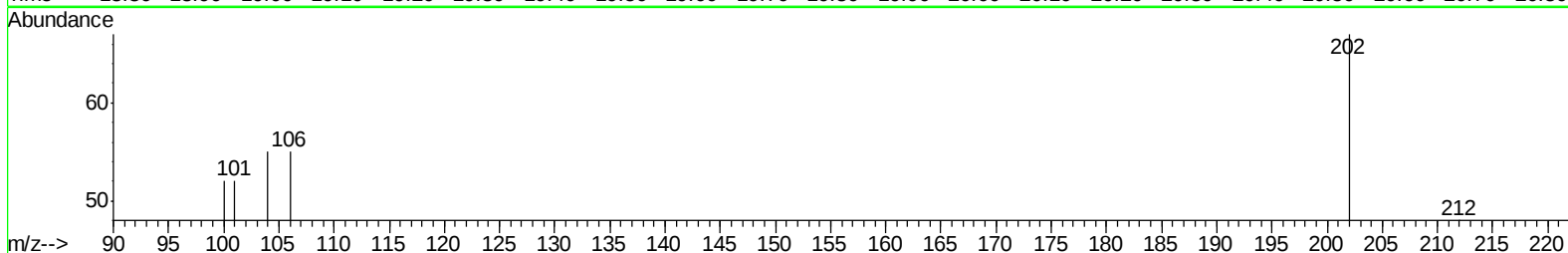
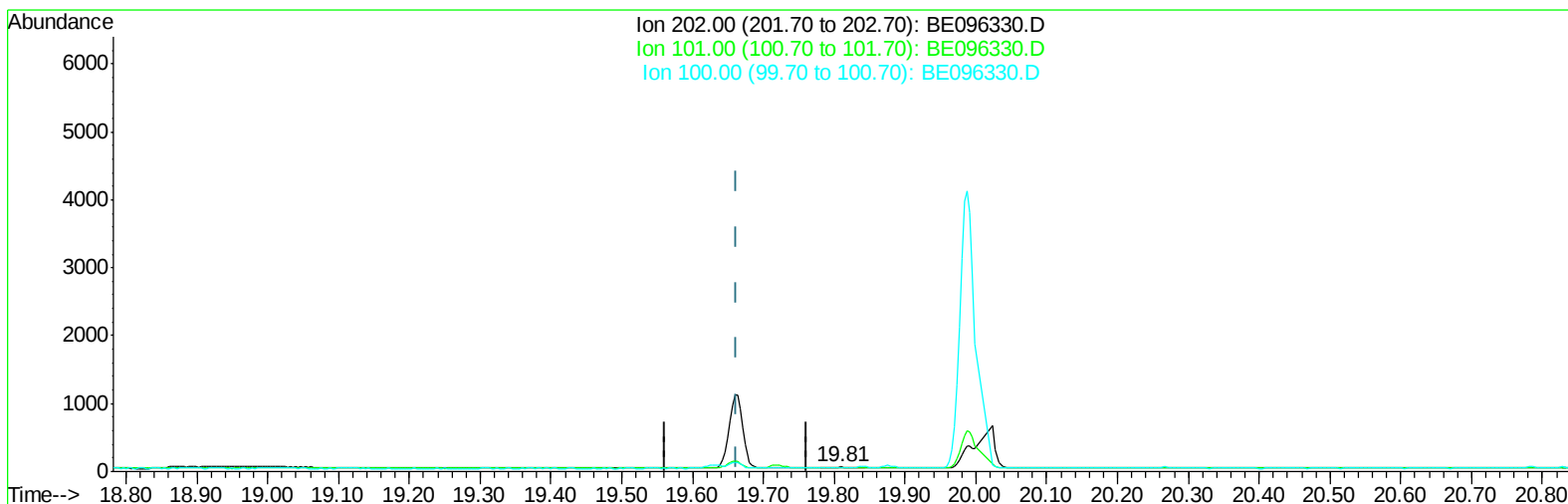
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:07:57 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(15) Fluoranthene (C)

19.809min (+0.146) 0.00ng/ul

response 21

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 10.30 | 77.61# |
| 100.00 | 19.50 | 77.61# |
| 0.00   | 0.00  | 0.00   |

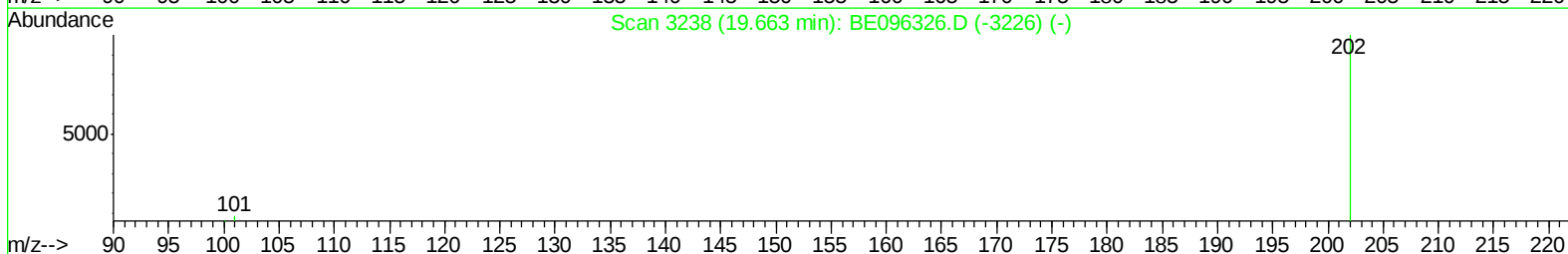
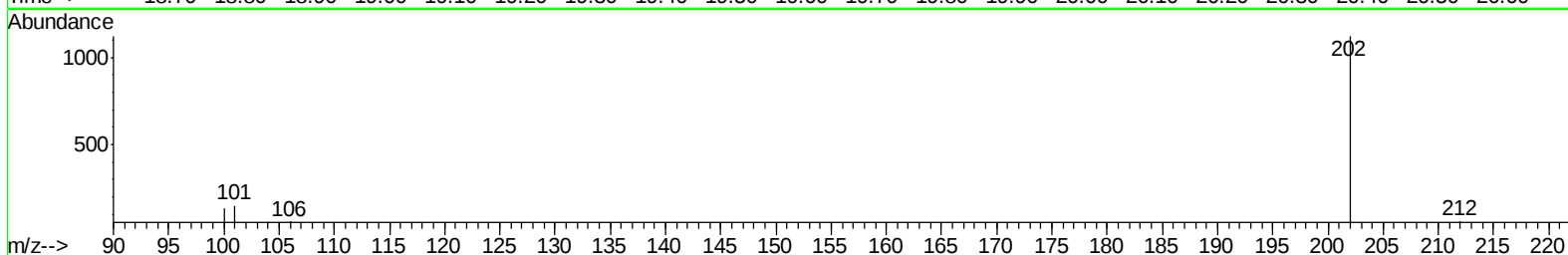
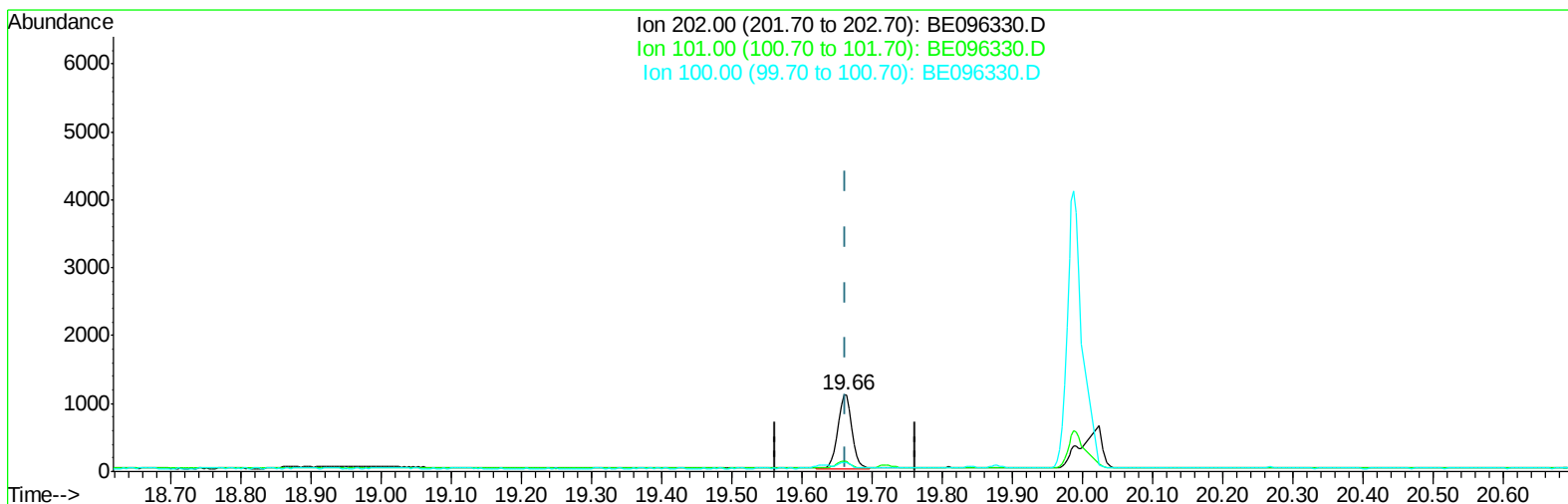
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
 Data File : BE096330.D  
 Acq On : 3 May 2018 19:27  
 Operator : SJ/JU  
 Sample : J2440-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A3Y19

Manual Integrations  
 APPROVED

Sohil  
 5/4/2018 1:34:58 PM

Quant Time: May 04 02:07:57 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 04 01:53:25 2018  
 Response via : Initial Calibration



TIC: BE096330.D

(15) Fluoranthene (C)

19.663min (+0.000) 0.08ng/ul m

response 1495

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 13.55 |
| 100.00 | 19.50 | 12.03 |
| 0.00   | 0.00  | 0.00  |

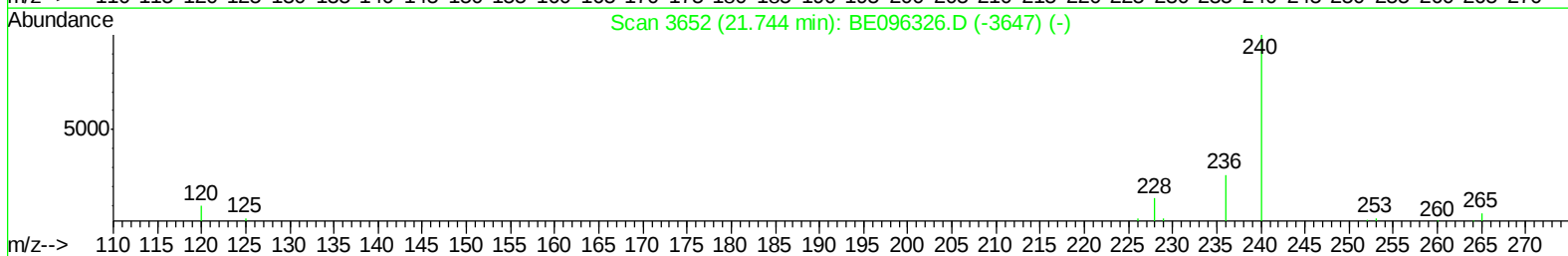
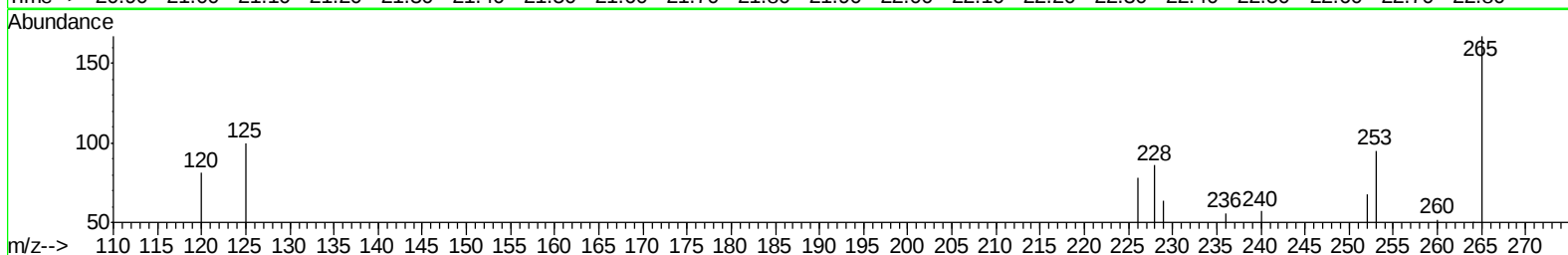
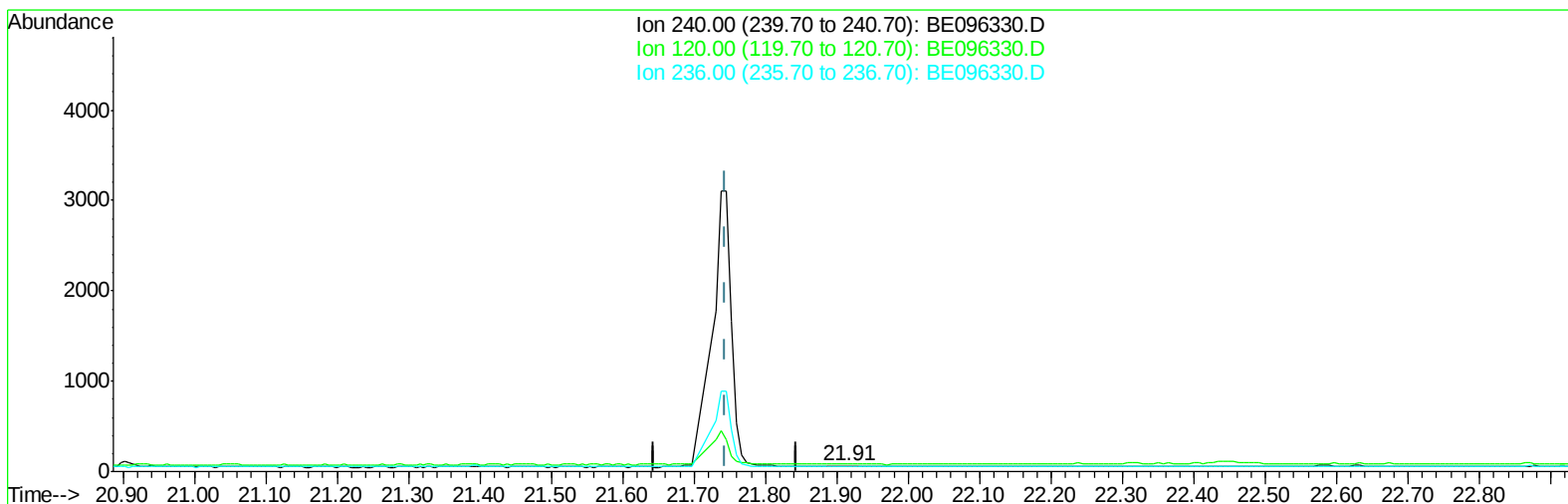
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:07:57 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(16) Chrysene-d12 (I)

21.914min (+0.170) 0.40ng/ul

response 8

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 20.60 | 142.11# |
| 236.00 | 34.90 | 98.25#  |
| 0.00   | 0.00  | 0.00    |

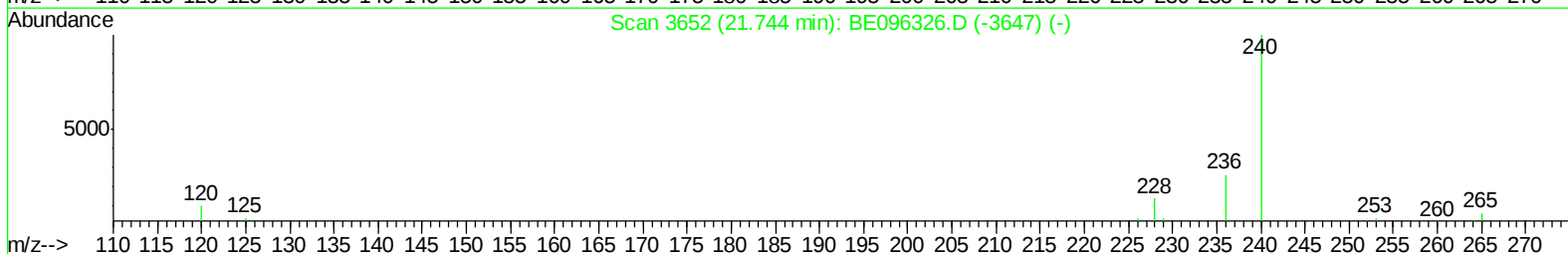
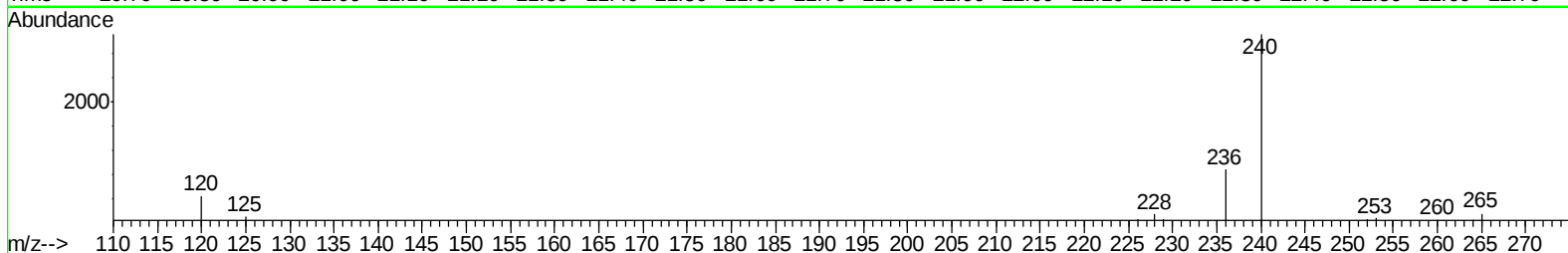
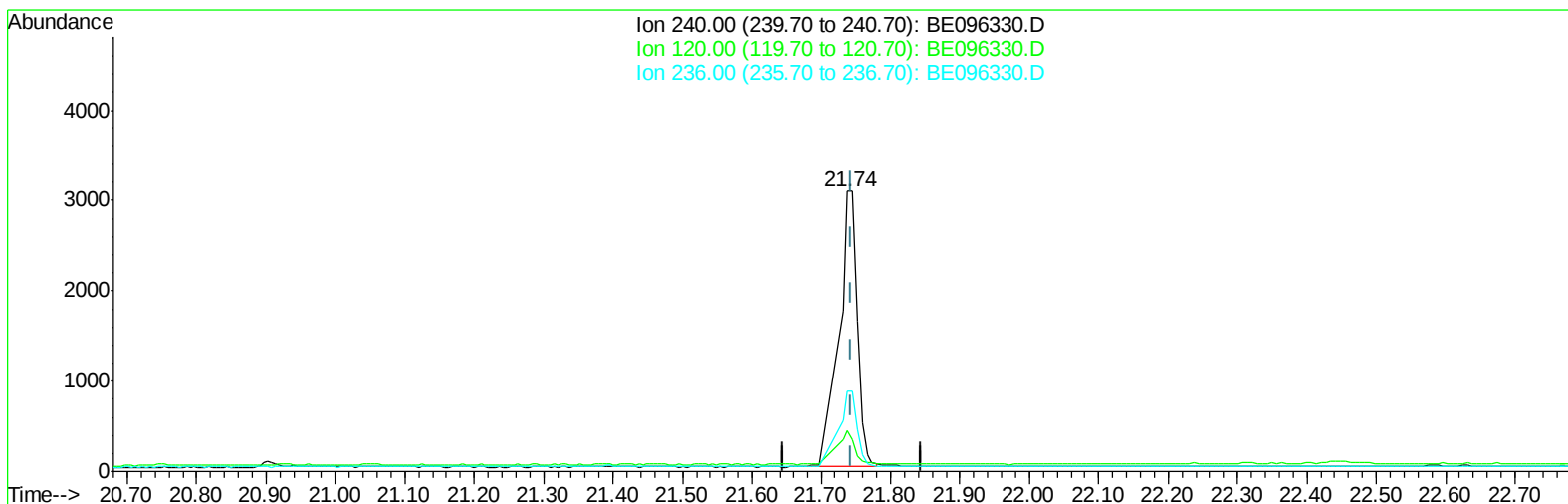
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:07:57 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(16) Chrysene-d12 (I)

21.738min (-0.006) 0.40ng/ul m

response 5505

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 14.65# |
| 236.00 | 34.90 | 28.50  |
| 0.00   | 0.00  | 0.00   |

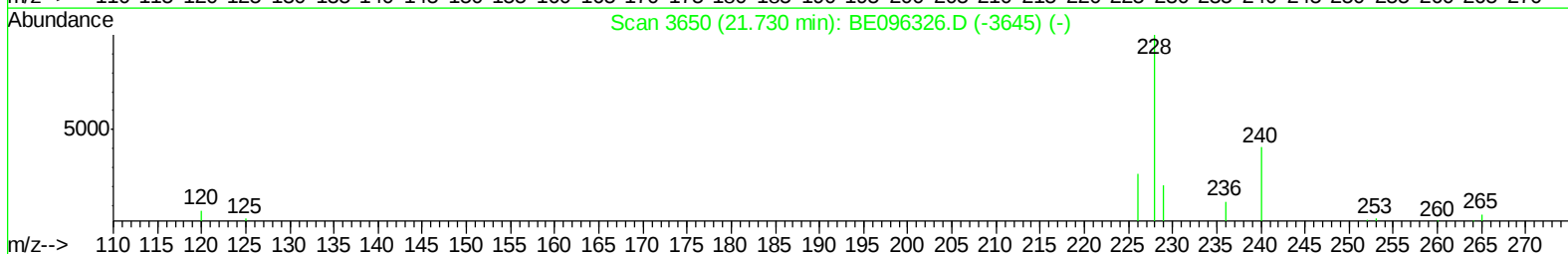
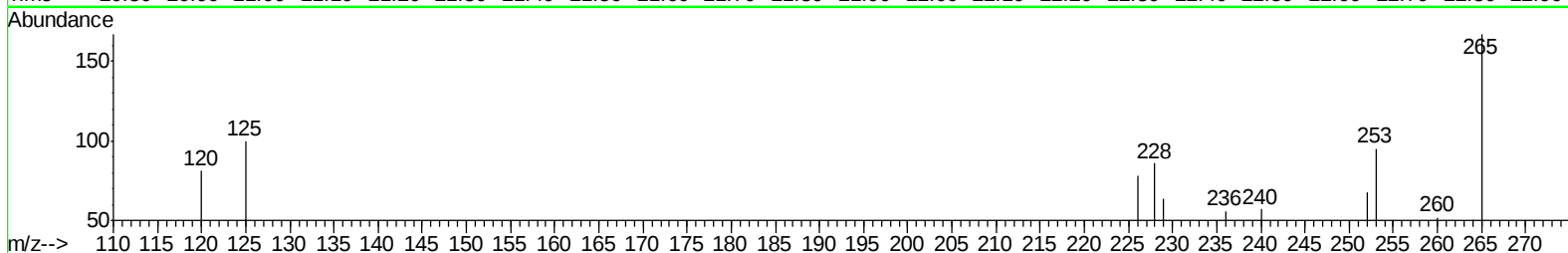
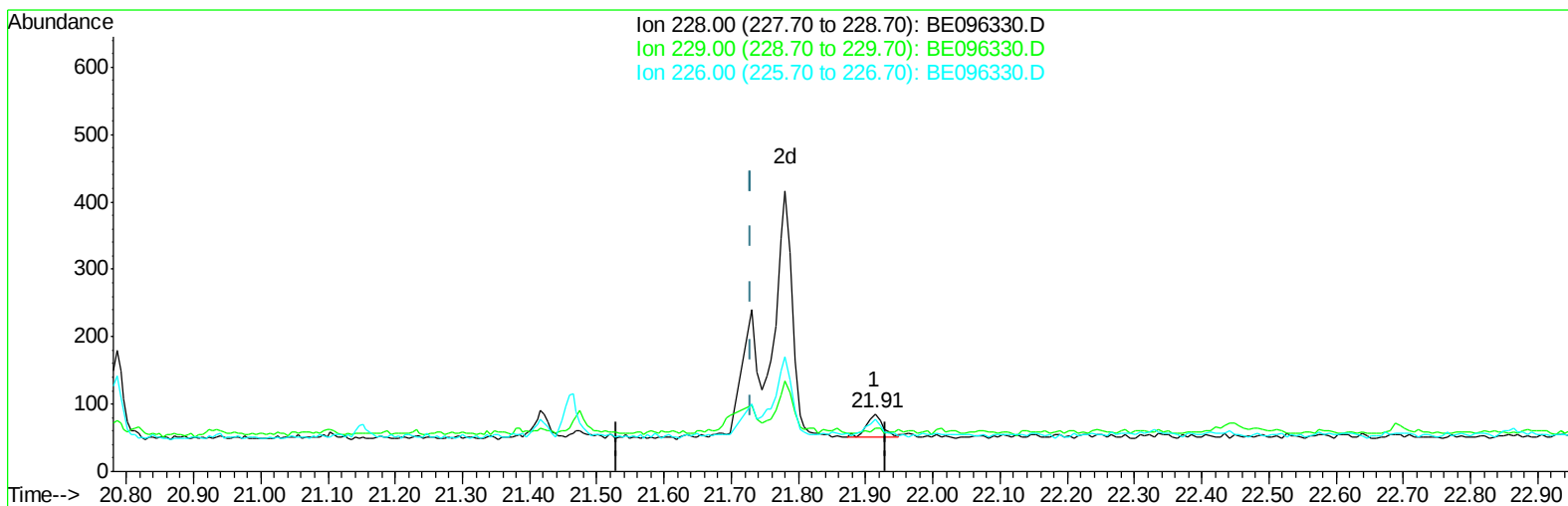
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:09:19 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(18) Benzo(a)anthracene  
21.914min (+0.184) 0.01ng/ul

response 53

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 28.50 | 74.42# |
| 226.00 | 21.30 | 90.70# |
| 0.00   | 0.00  | 0.00   |

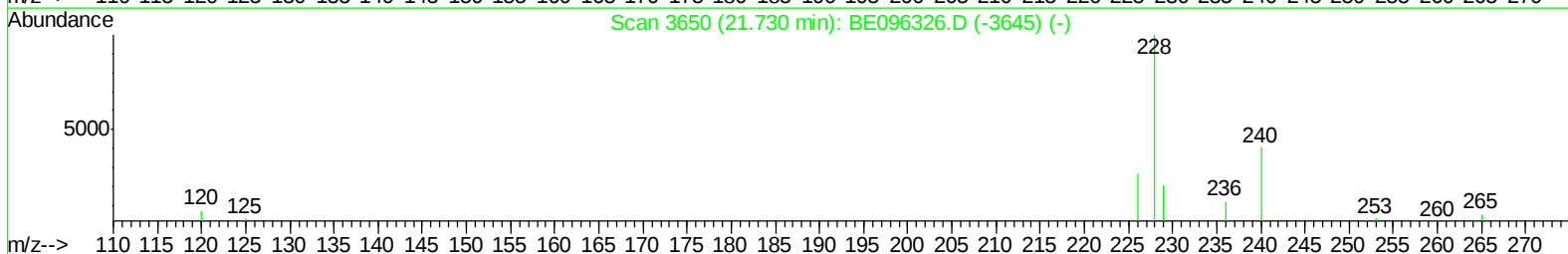
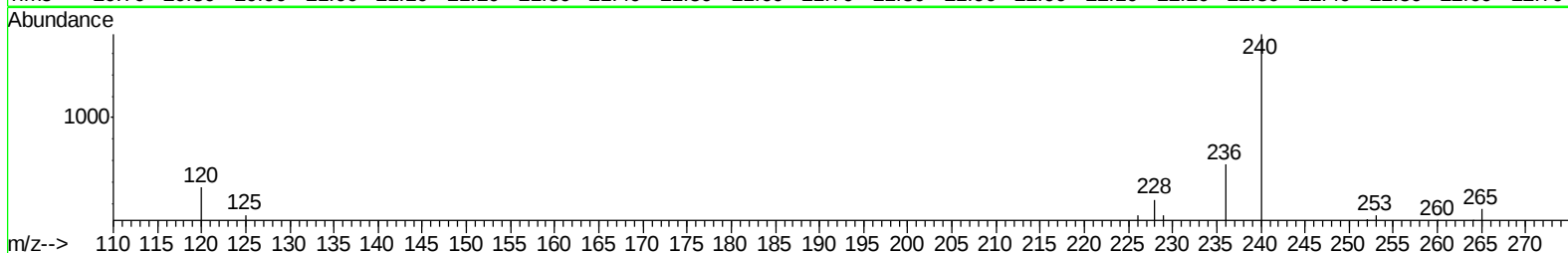
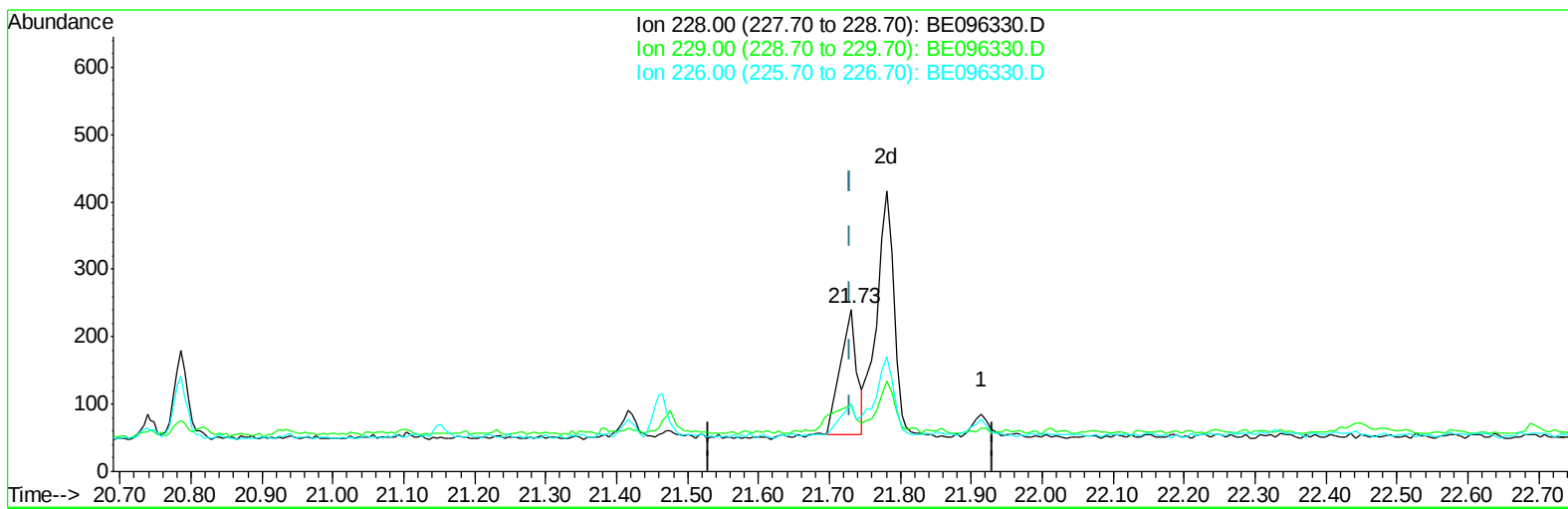
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:09:19 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(18) Benzo(a)anthracene

21.731min (+0.001) 0.03ng/ul m

response 279

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 28.50 | 41.08# |
| 226.00 | 21.30 | 41.91# |
| 0.00   | 0.00  | 0.00   |

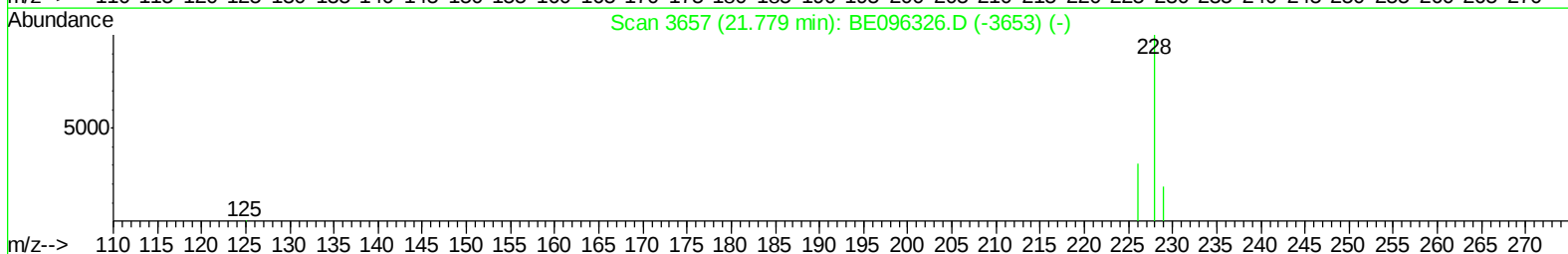
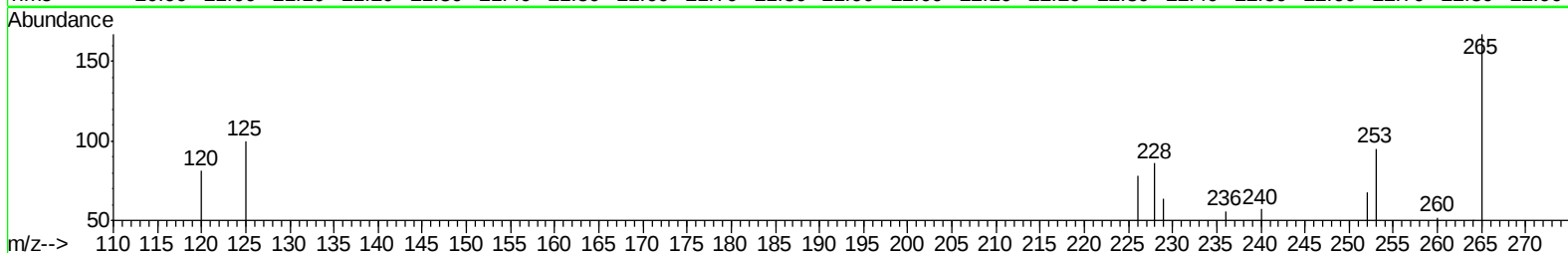
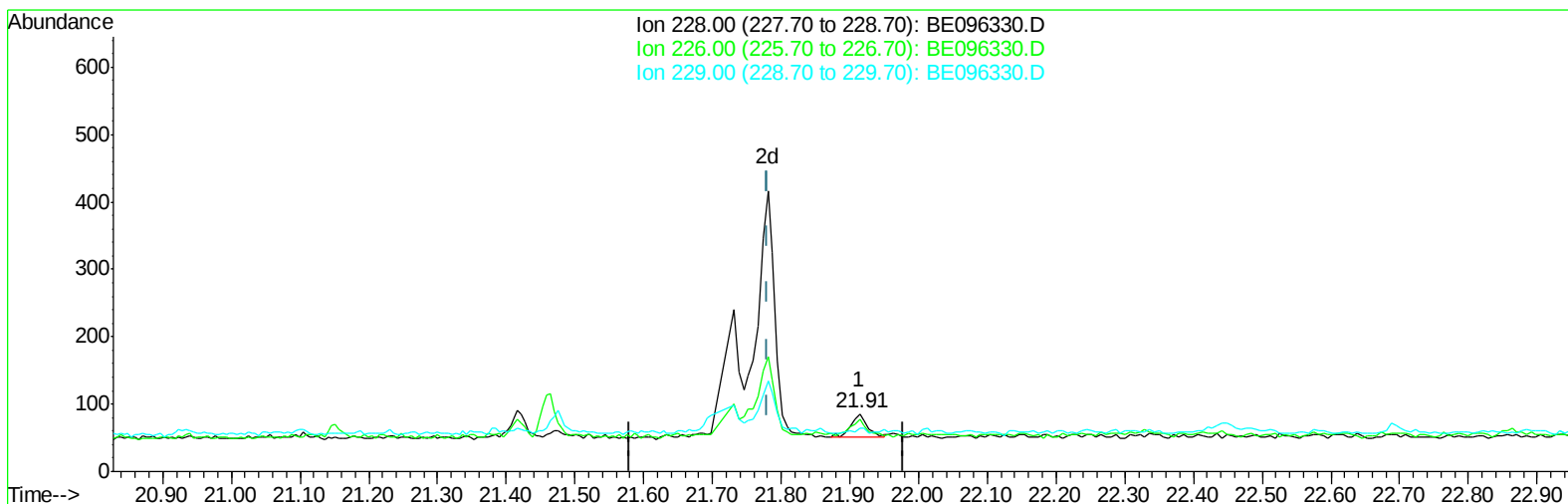
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:09:19 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(19) Chrysene

21.914min (+0.135) 0.00ng/ul

response 53

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.20 | 90.70# |
| 229.00 | 22.10 | 74.42# |
| 0.00   | 0.00  | 0.00   |

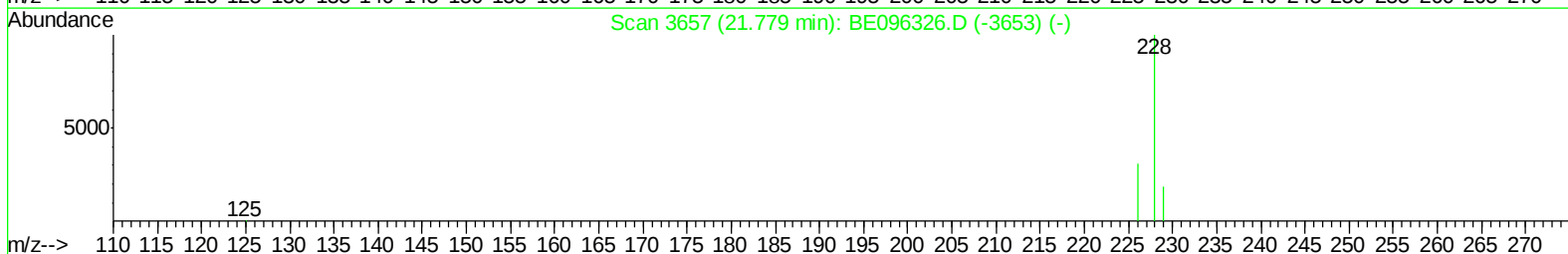
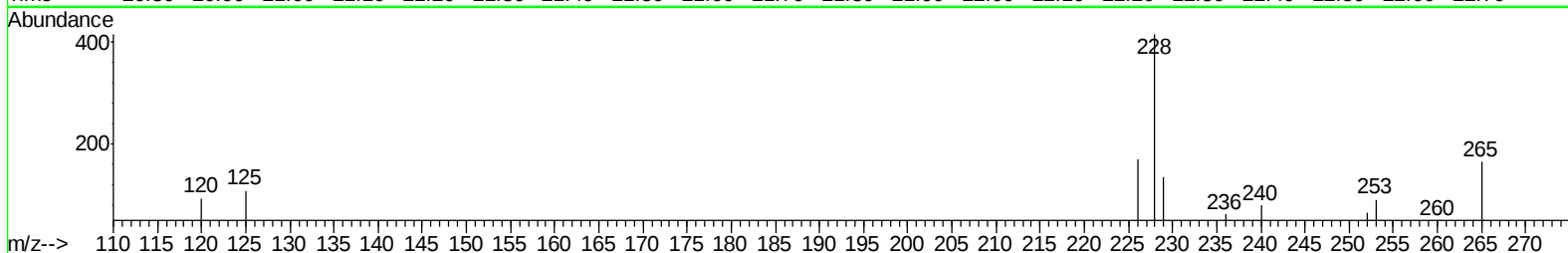
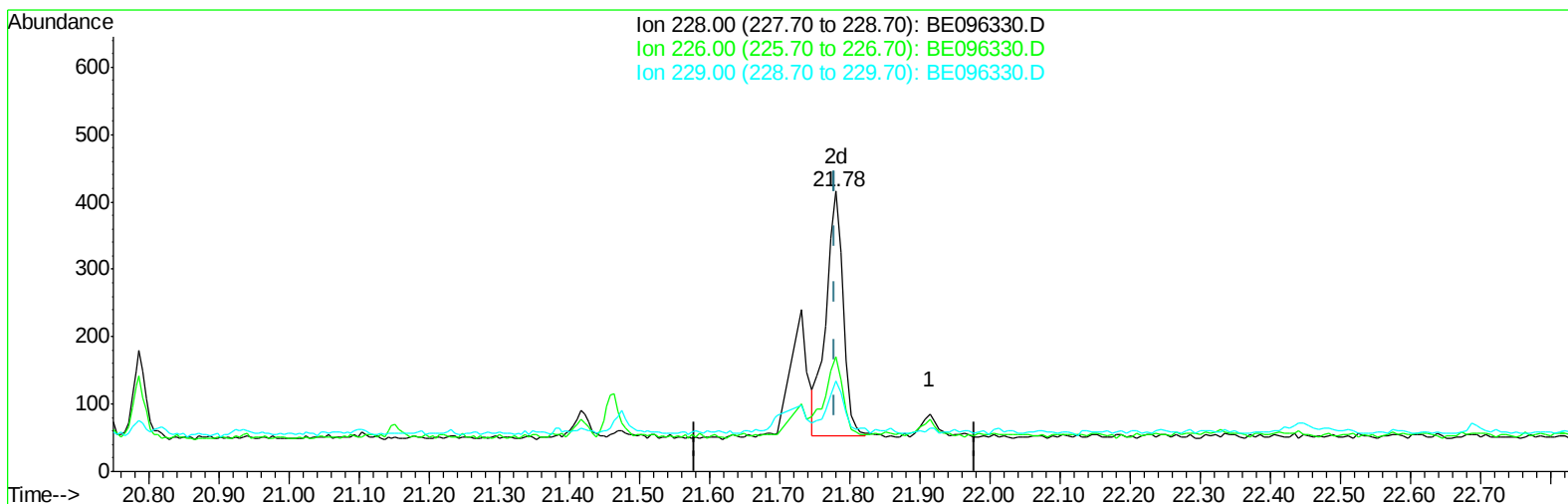
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:09:19 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(19) Chrysene

21.780min (+0.001) 0.04ng/ul m

response 614

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.20 | 40.87# |
| 229.00 | 22.10 | 32.45# |
| 0.00   | 0.00  | 0.00   |

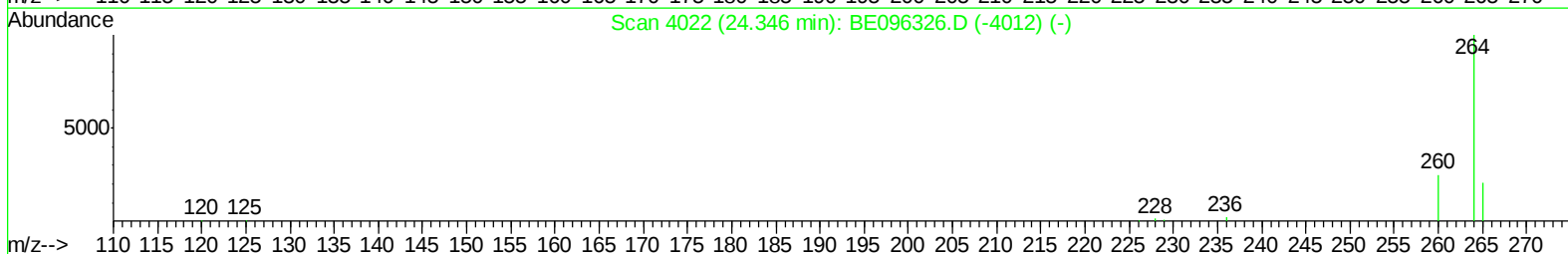
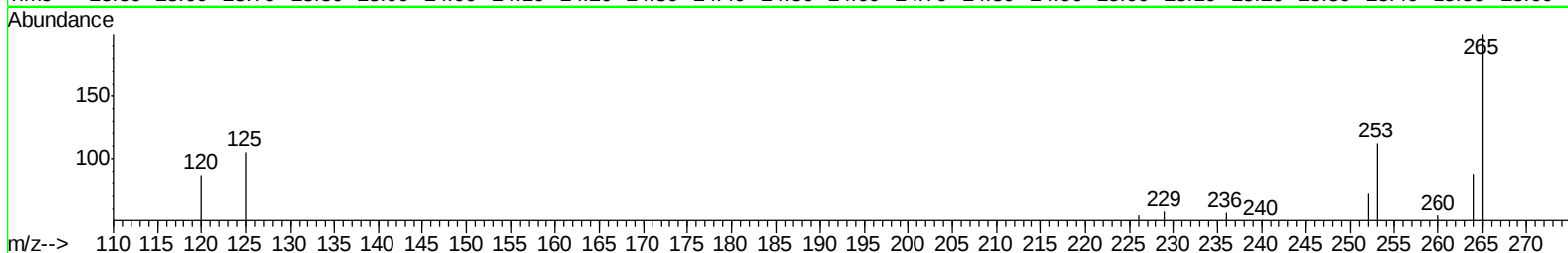
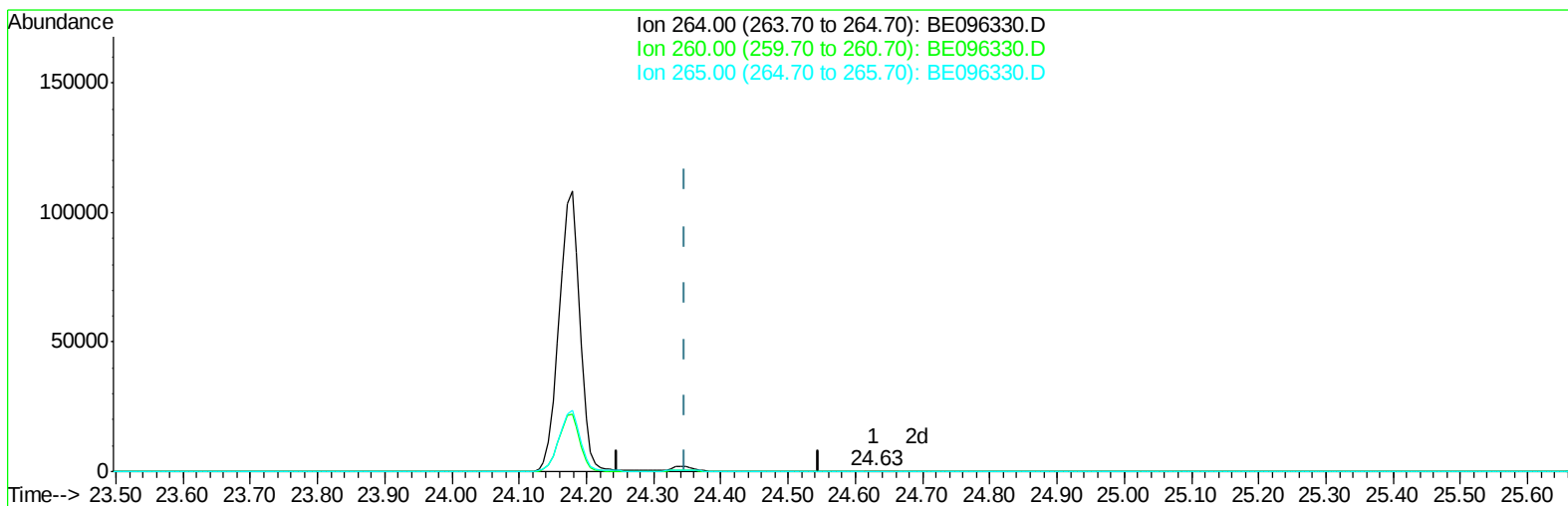
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:09:19 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(20) Perylene-d12 (I)

24.628min (+0.282) 0.40ng/ul

response 18

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 264.00 | 100    | 100     |
| 260.00 | 30.10  | 62.50#  |
| 265.00 | 103.50 | 226.14# |
| 0.00   | 0.00   | 0.00    |

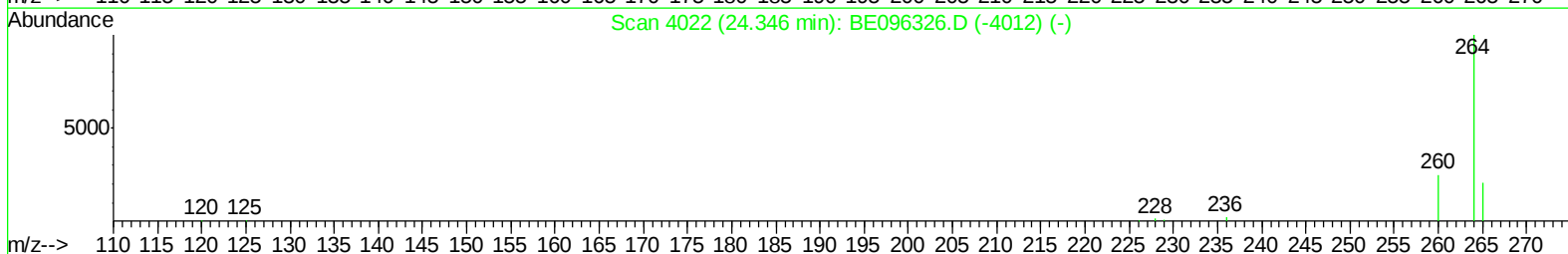
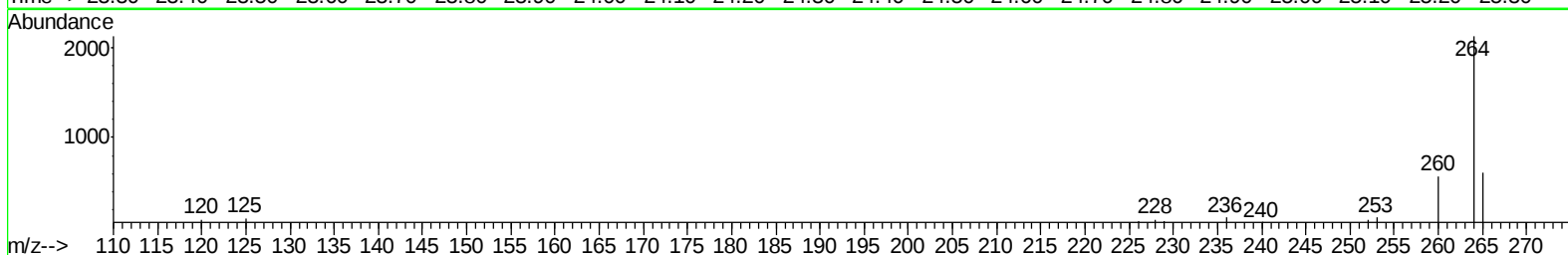
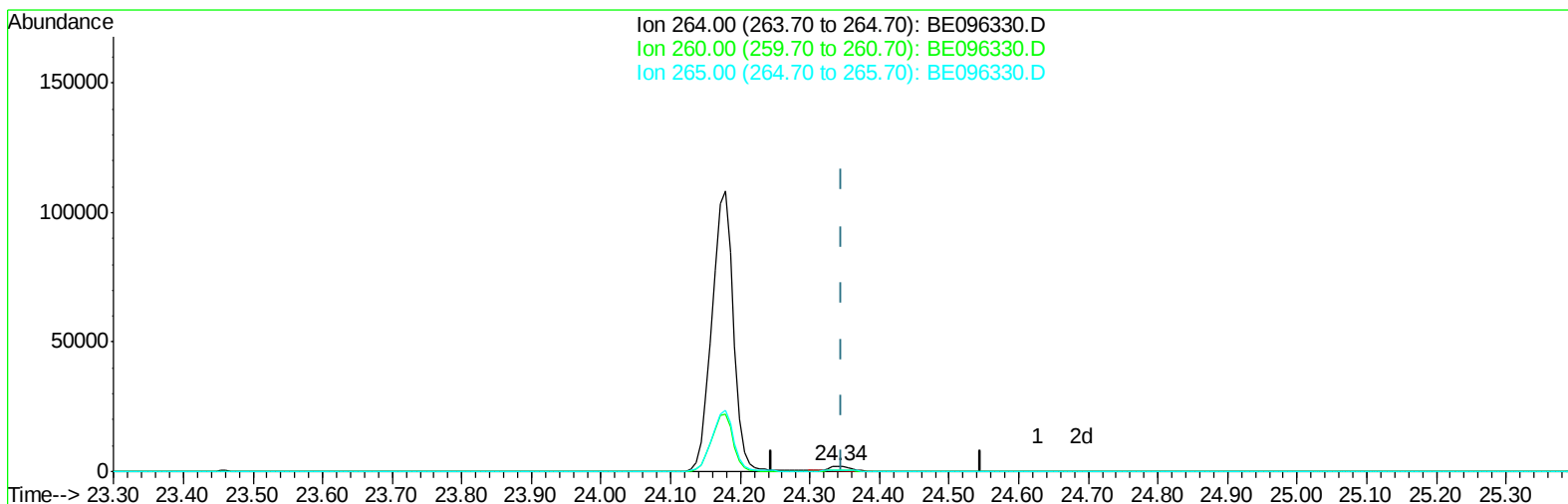
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:09:19 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(20) Perylene-d12 (I)

24.340min (-0.006) 0.40ng/ul m

response 4059

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 26.49  |
| 265.00 | 103.50 | 28.69# |
| 0.00   | 0.00   | 0.00   |

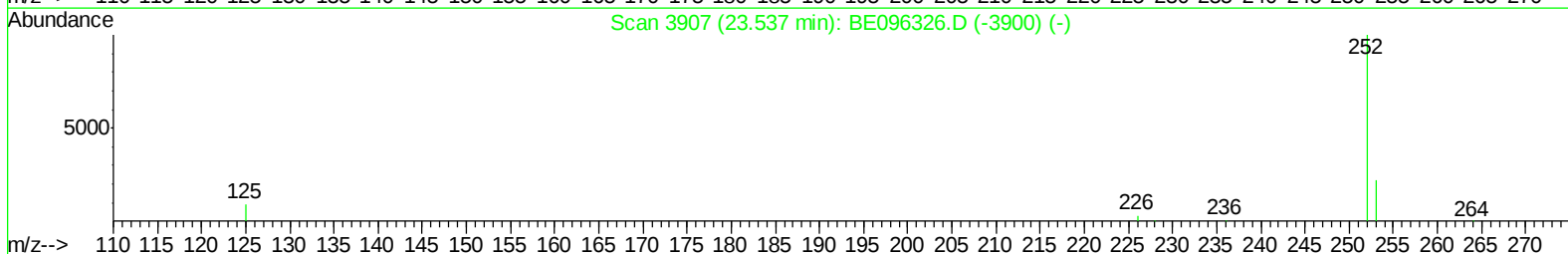
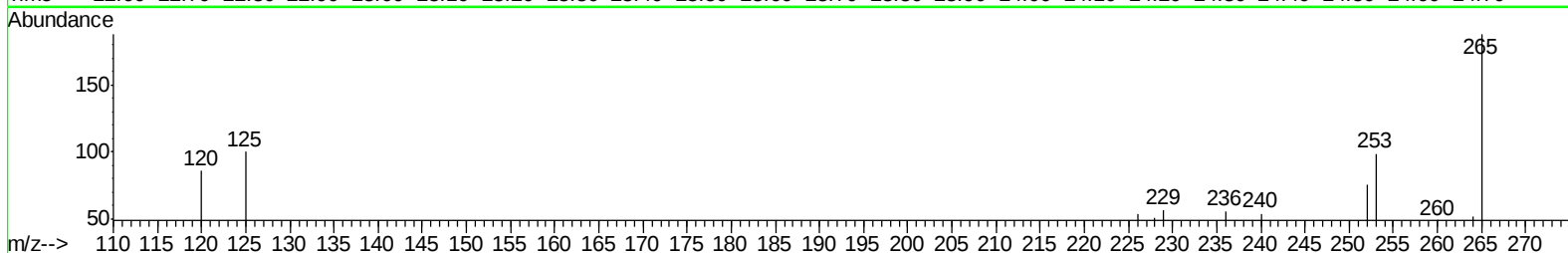
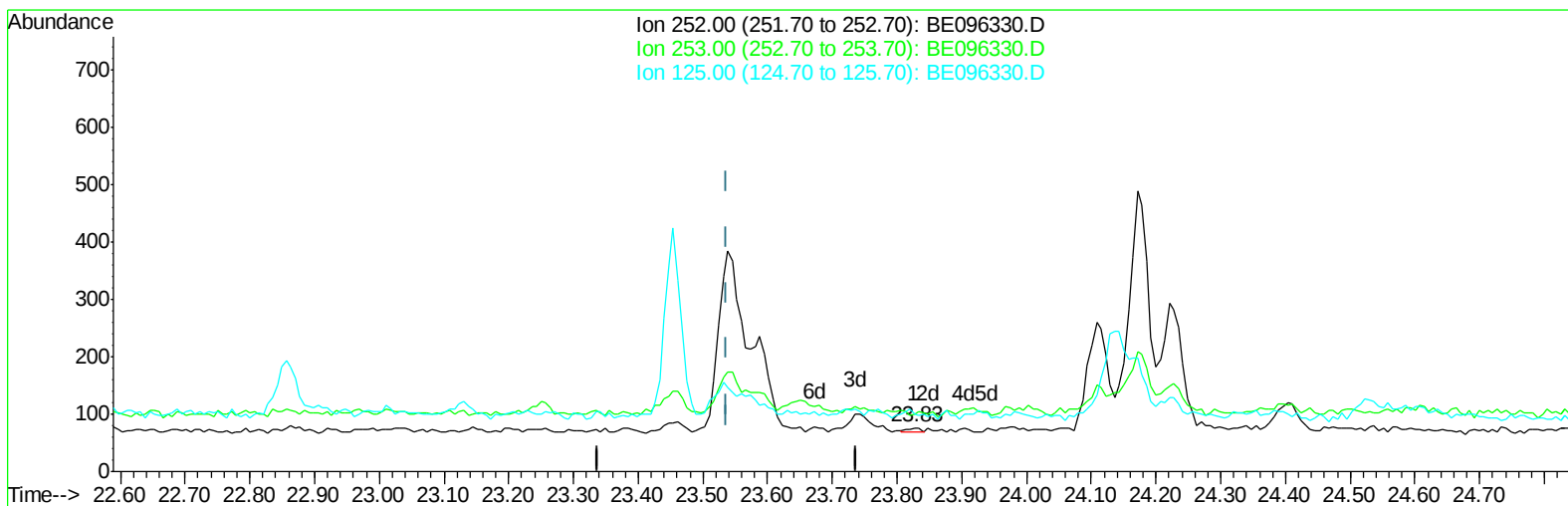
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:11:06 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(21) Benzo(b)fluoranthene

23.827min (+0.289) 0.00ng/ul

response 9

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 32.10 | 130.26# |
| 125.00 | 17.50 | 131.58# |
| 0.00   | 0.00  | 0.00    |

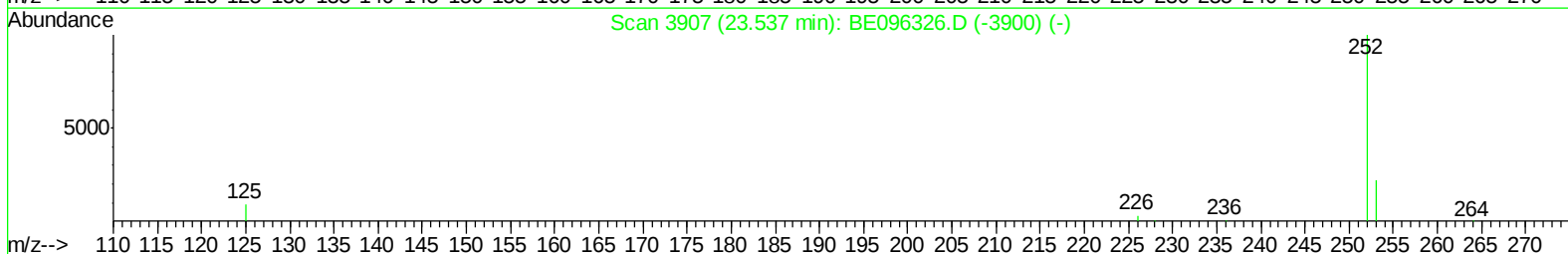
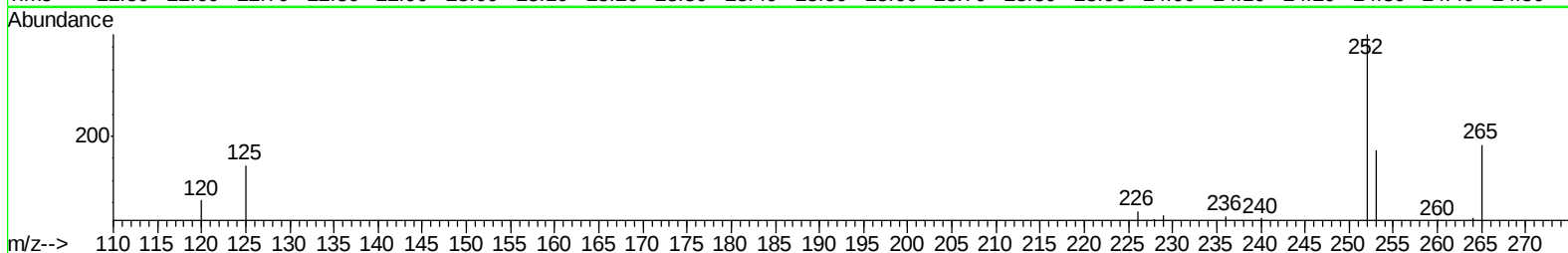
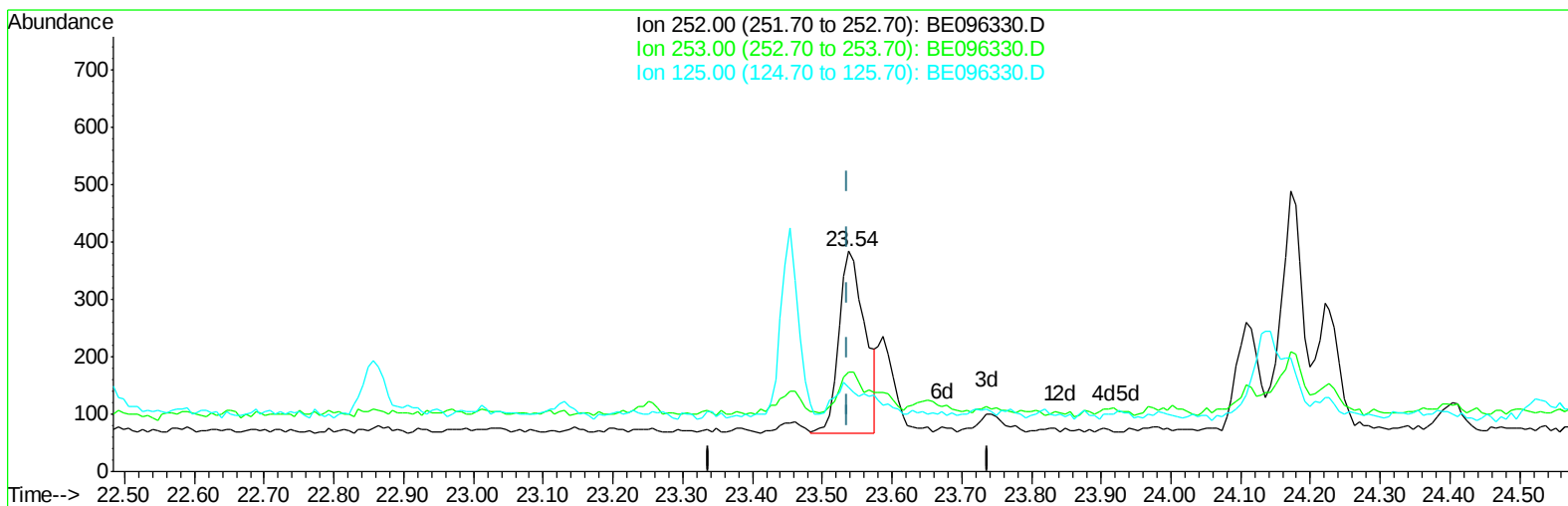
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:11:06 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(21) Benzo(b)fluoranthene

23.538min (+0.001) 0.06ng/ul m

response 826

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 45.31  |
| 125.00 | 17.50 | 38.28# |
| 0.00   | 0.00  | 0.00   |

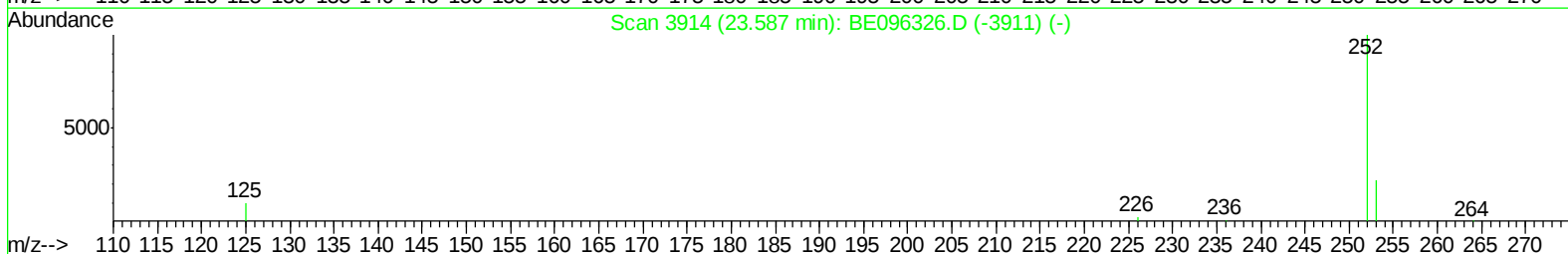
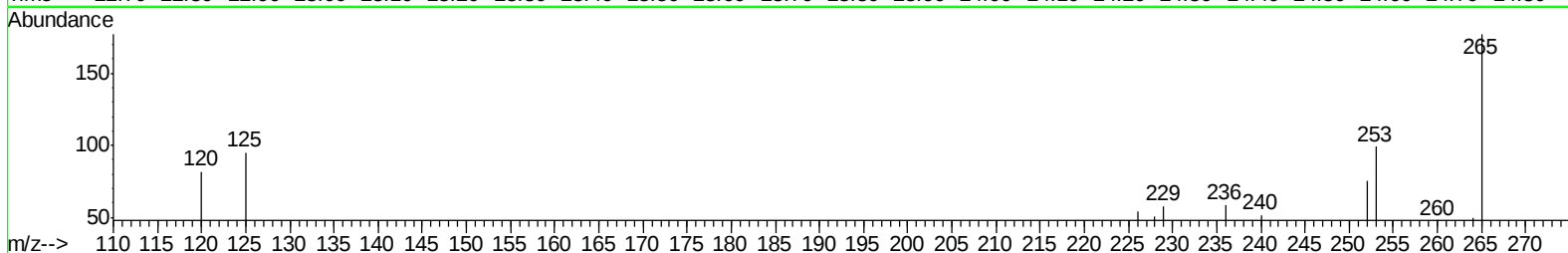
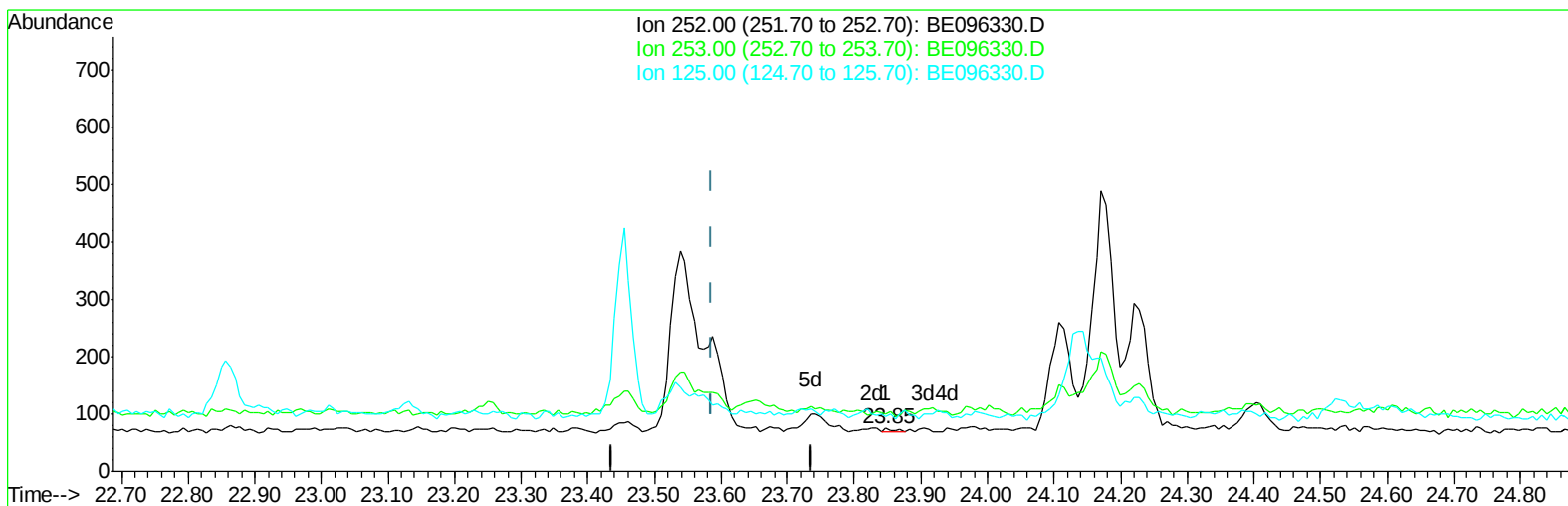
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:11:06 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(22) Benzo(k)fluoranthene

23.848min (+0.261) 0.00ng/ul

response 8

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 30.60 | 132.00# |
| 125.00 | 17.10 | 126.67# |
| 0.00   | 0.00  | 0.00    |

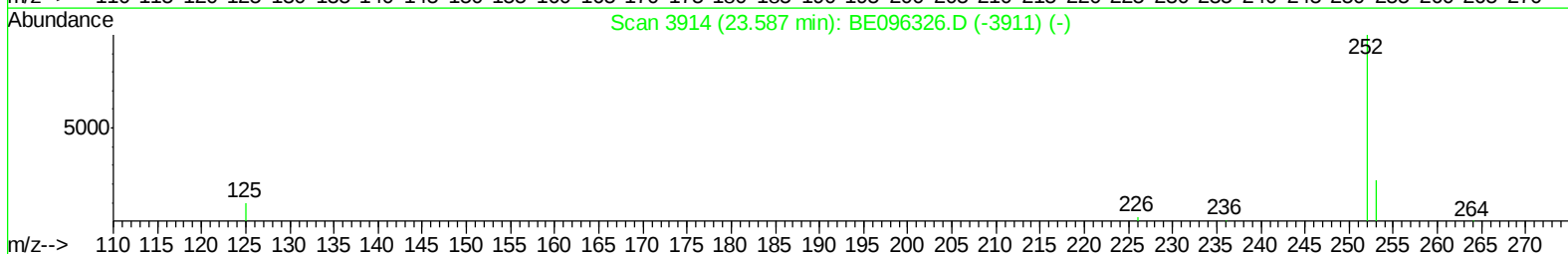
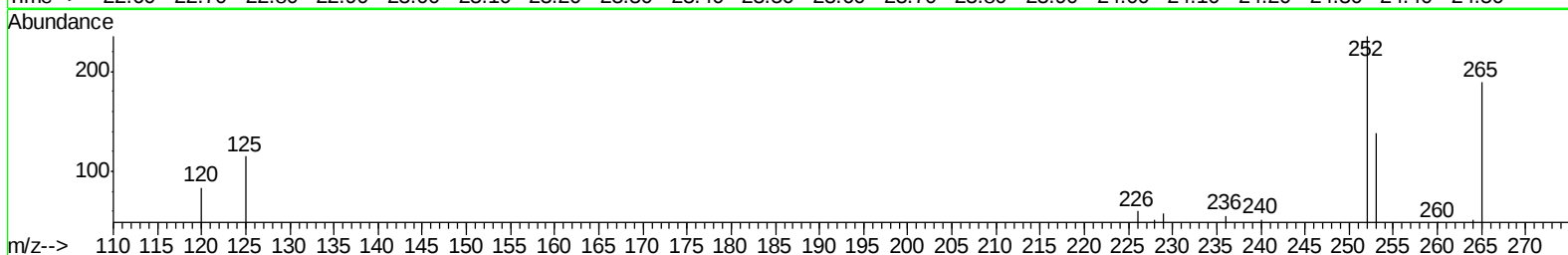
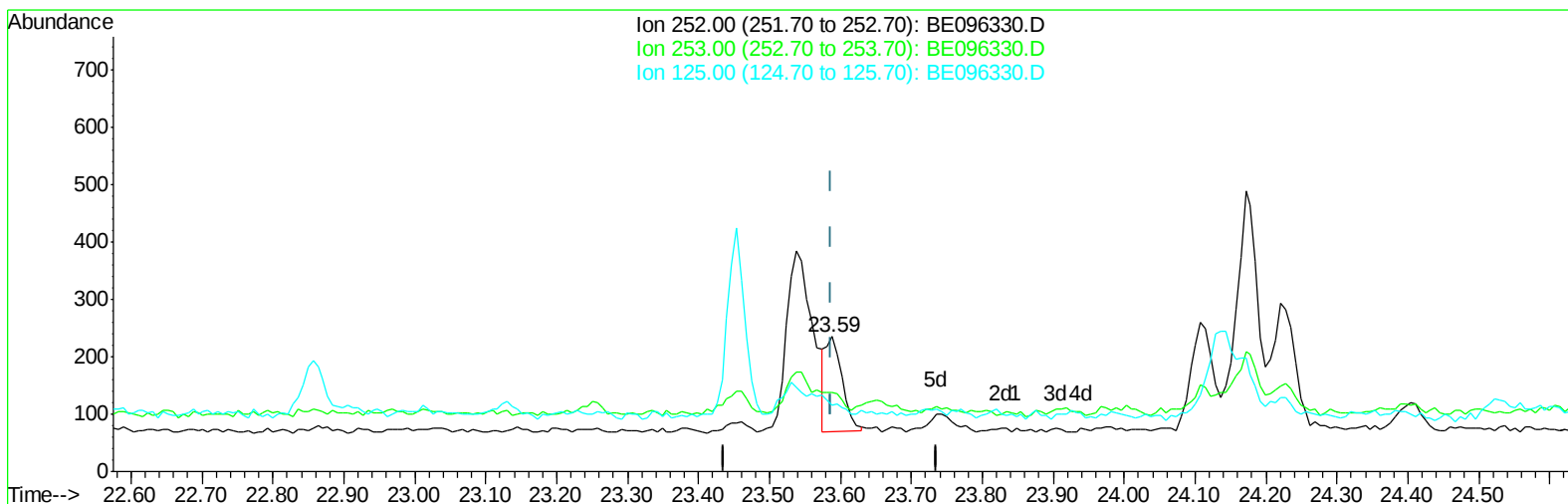
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:11:06 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(22) Benzo(k)fluoranthene

23.588min (+0.001) 0.02ng/ul m

response 269

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 58.72# |
| 125.00 | 17.10 | 48.94# |
| 0.00   | 0.00  | 0.00   |

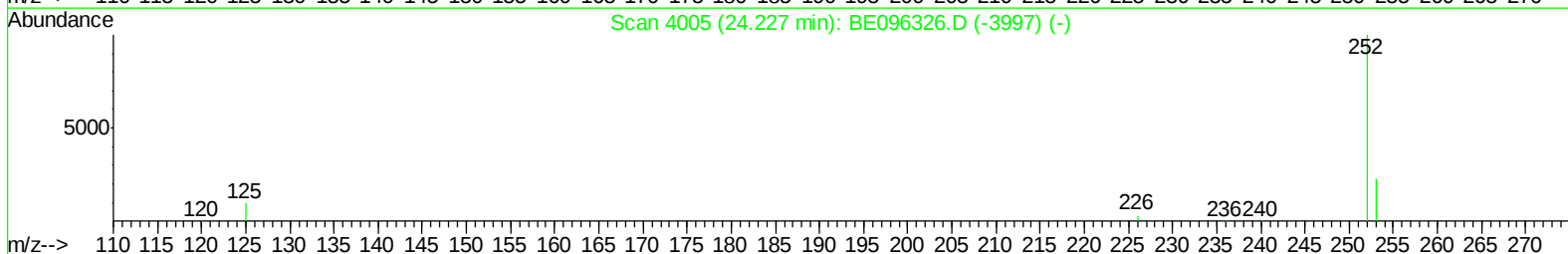
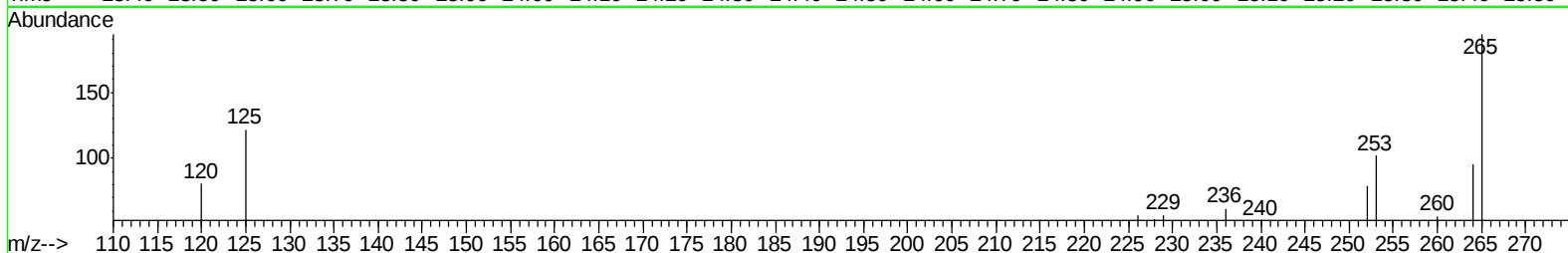
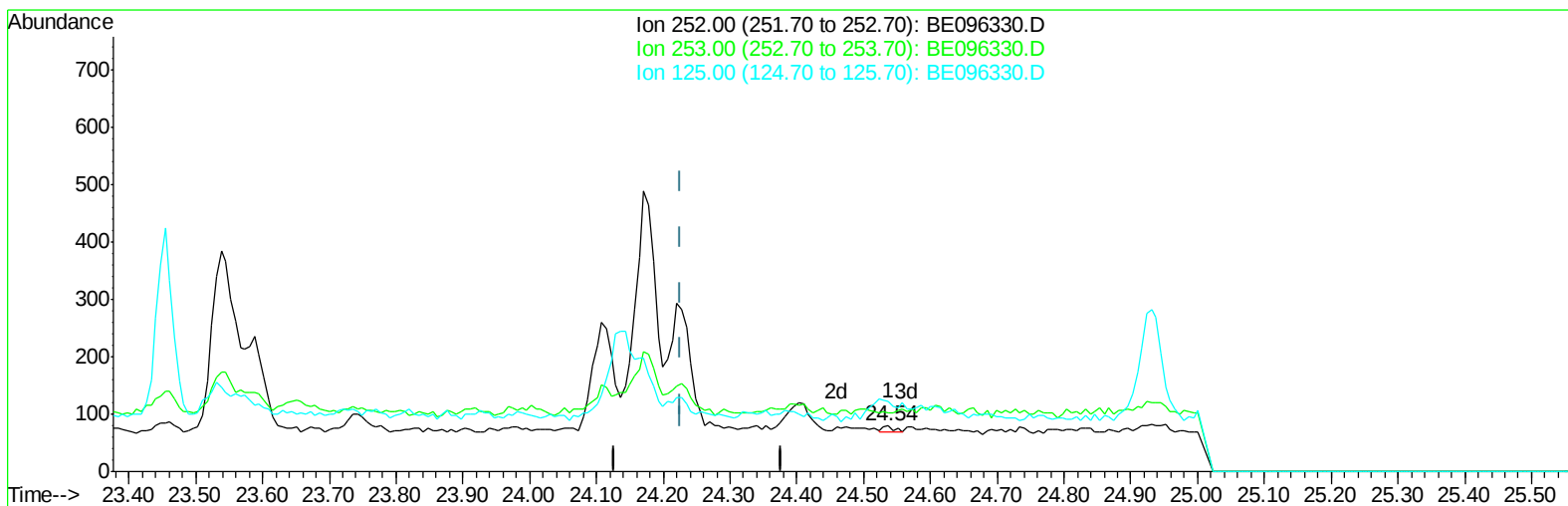
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:11:06 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(23) Benzo(a)pyrene (C)

24.537min (+0.310) 0.00ng/ul

response 10

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 35.60 | 129.11# |
| 125.00 | 22.60 | 154.43# |
| 0.00   | 0.00  | 0.00    |

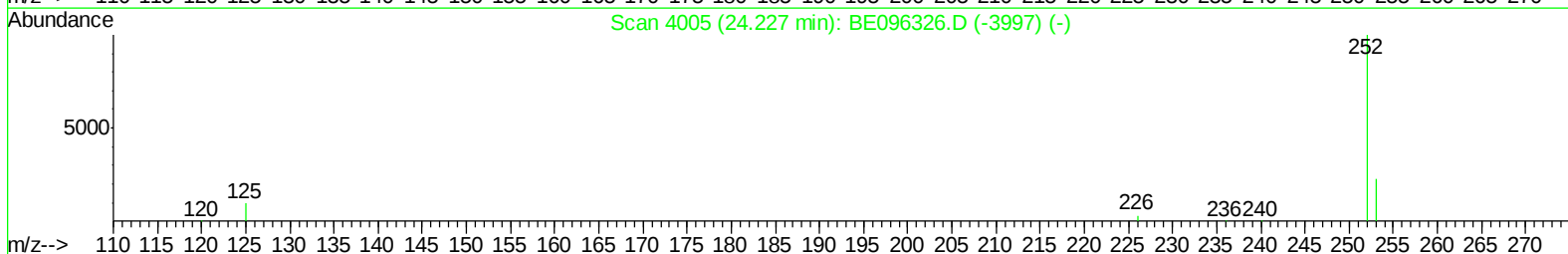
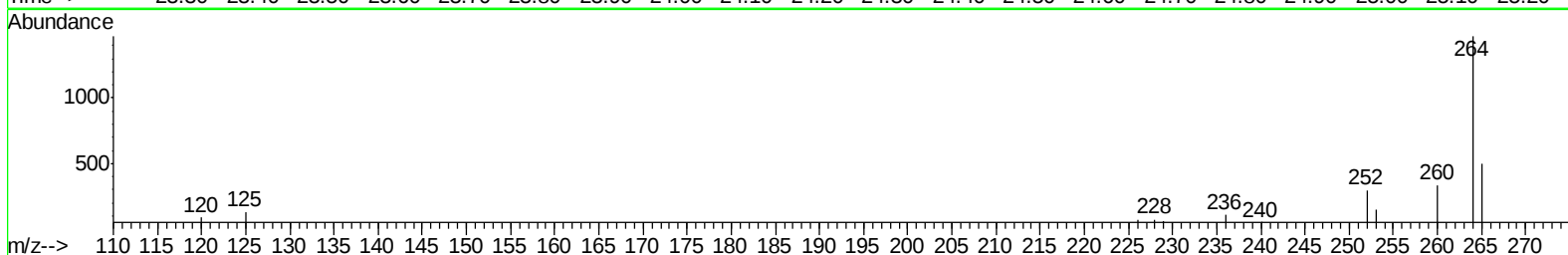
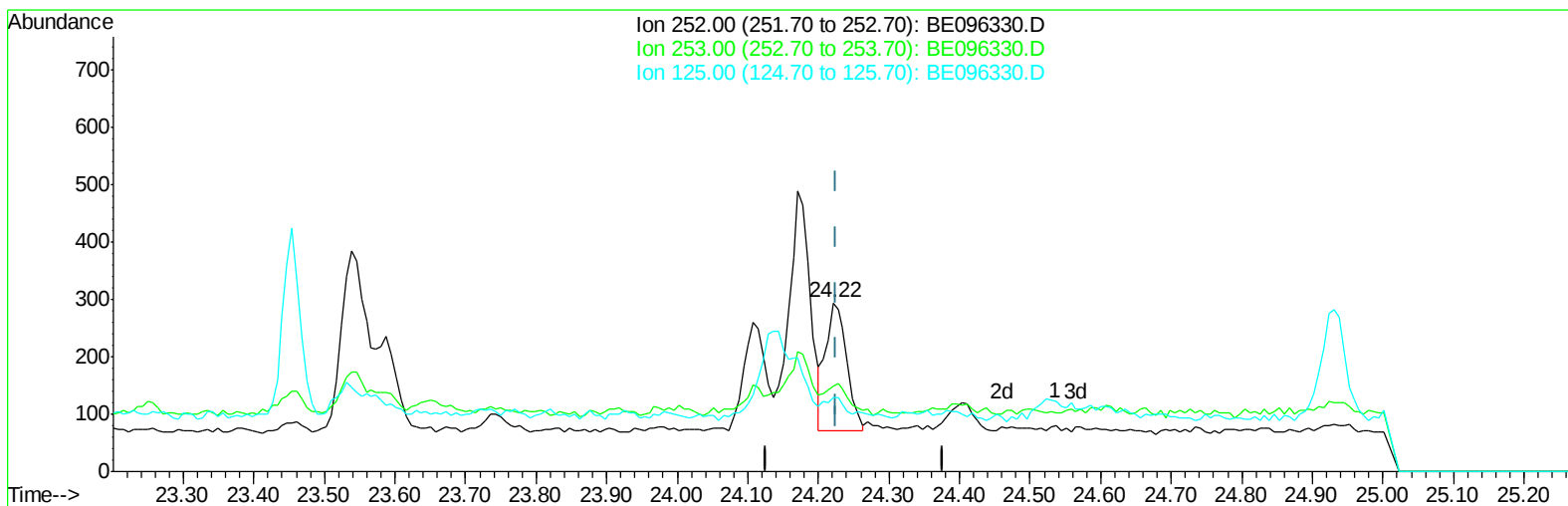
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:11:06 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

(23) Benzo(a)pyrene (C)

24.220min (-0.006) 0.04ng/ul m

response 470

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 50.68# |
| 125.00 | 22.60 | 43.54# |
| 0.00   | 0.00  | 0.00   |

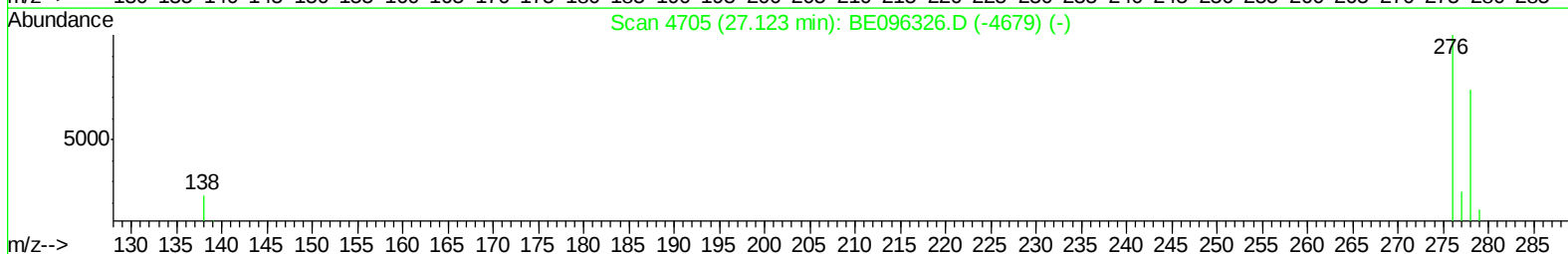
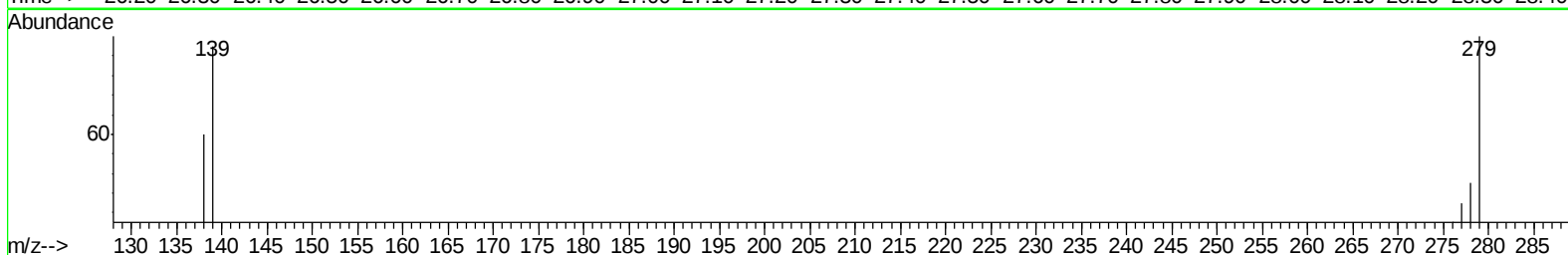
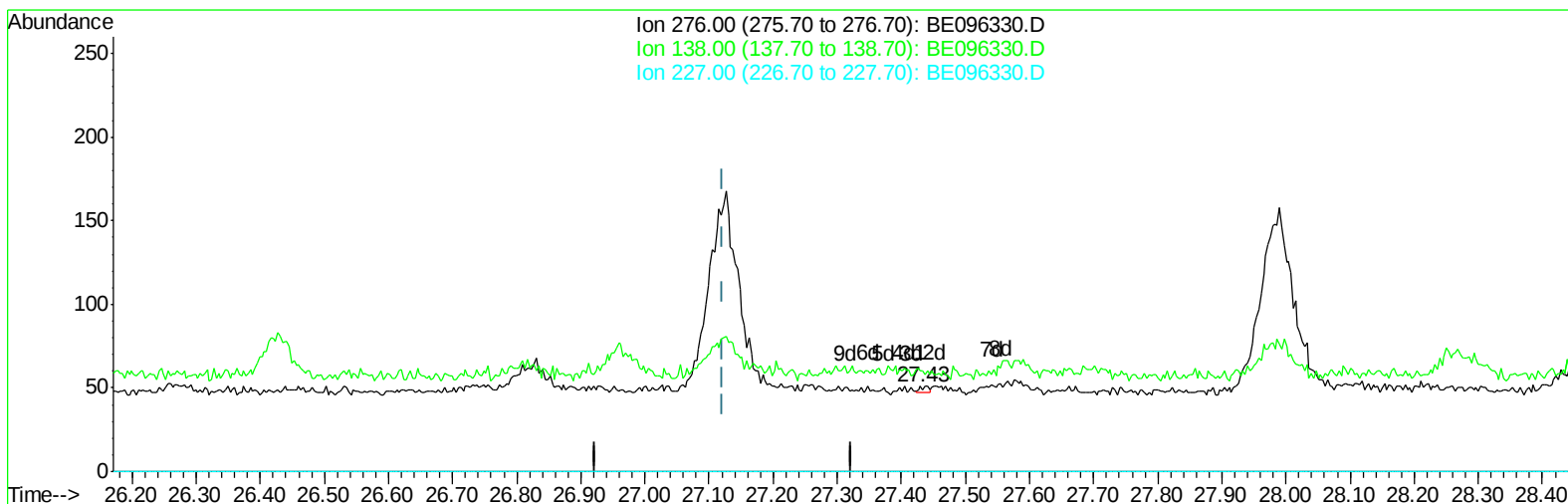
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:11:06 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

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

27.430min (+0.307) 0.00ng/ul

response 4

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 276.00 | 100   | 100     |
| 138.00 | 35.00 | 150.00# |
| 227.00 | 10.00 | 0.00#   |
| 0.00   | 0.00  | 0.00    |

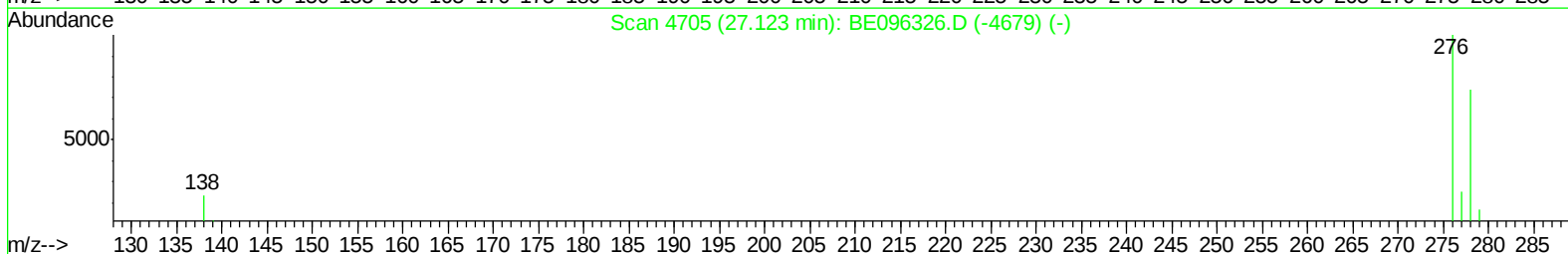
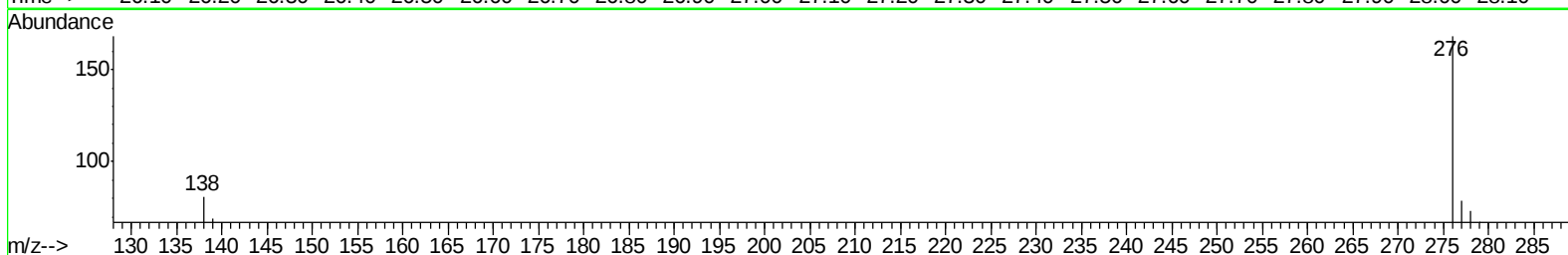
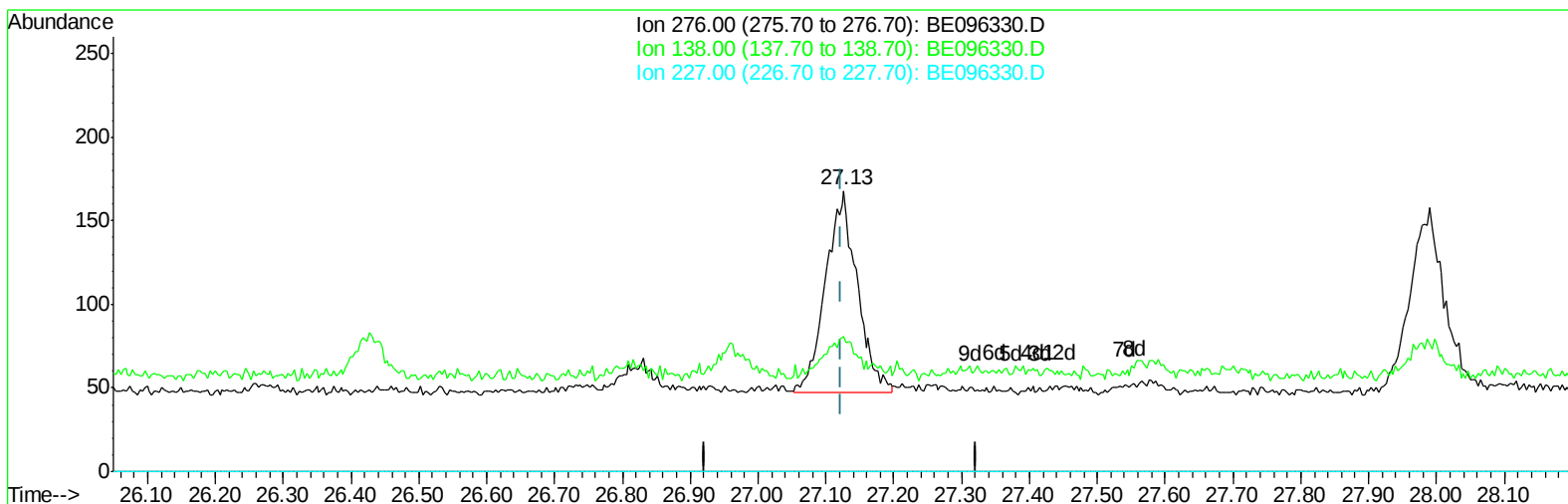
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:11:06 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

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

27.127min (+0.004) 0.03ng/ul m

response 392

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 35.00 | 1.53# |
| 227.00 | 10.00 | 0.00# |
| 0.00   | 0.00  | 0.00  |

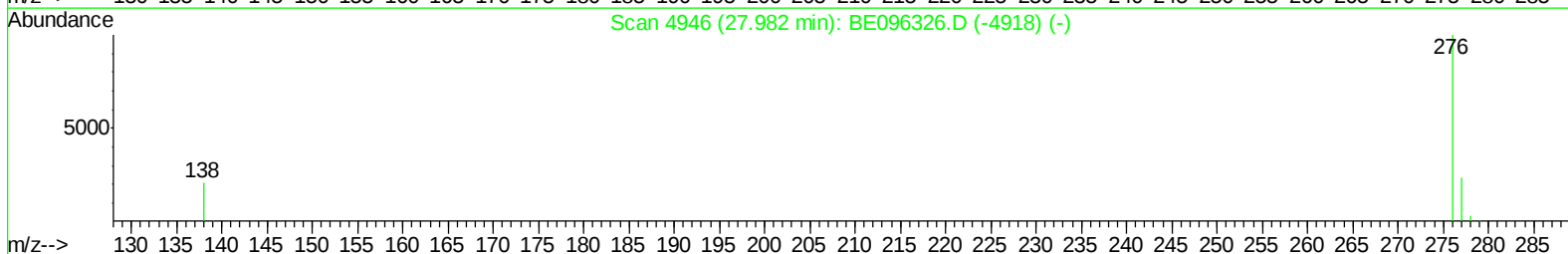
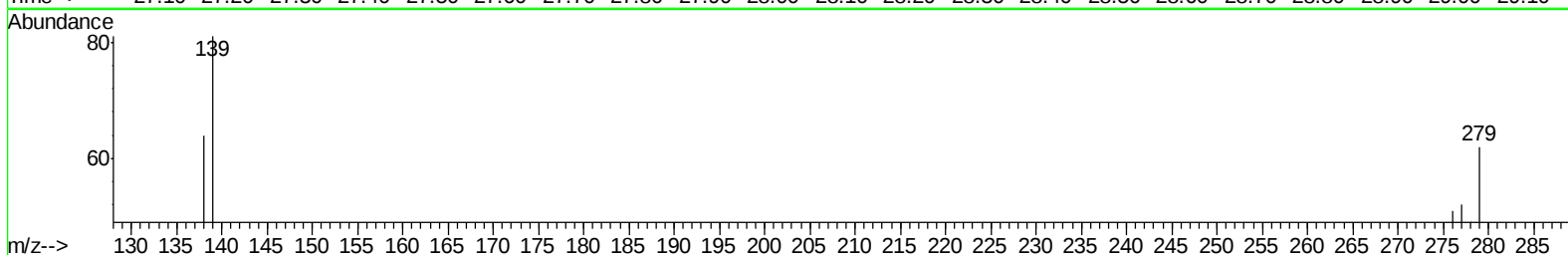
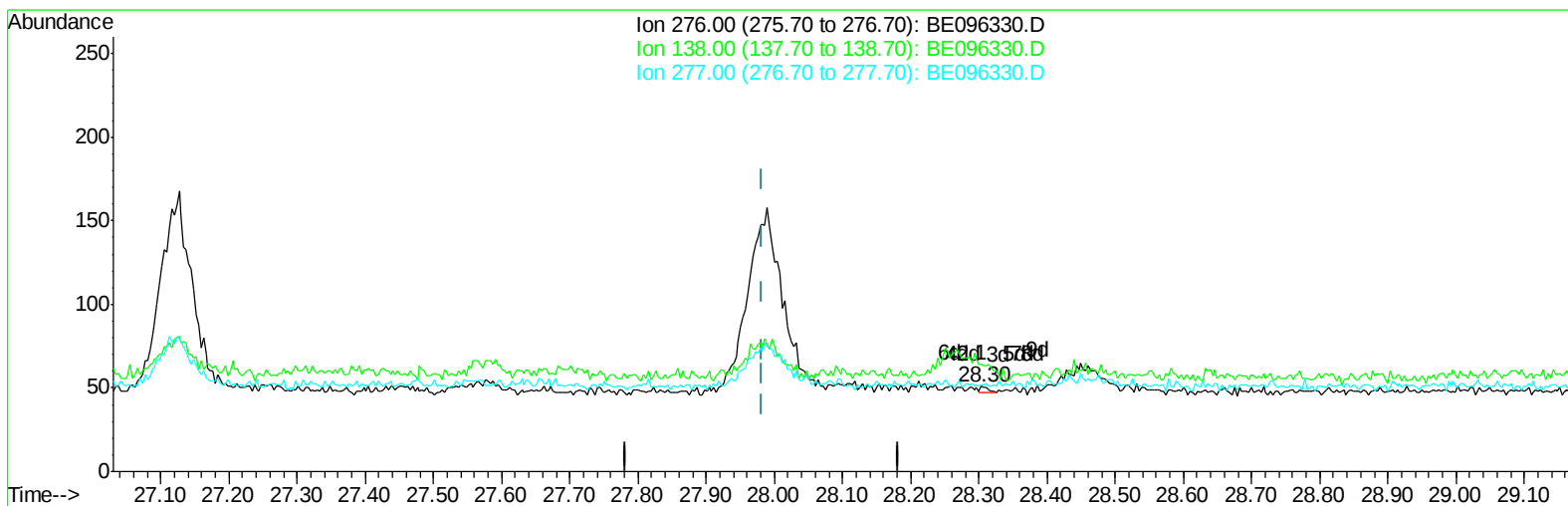
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:11:06 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

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

28.304min (+0.322) 0.00ng/ul

response 3

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 276.00 | 100   | 100     |
| 138.00 | 27.30 | 125.49# |
| 277.00 | 25.60 | 101.96# |
| 0.00   | 0.00  | 0.00    |

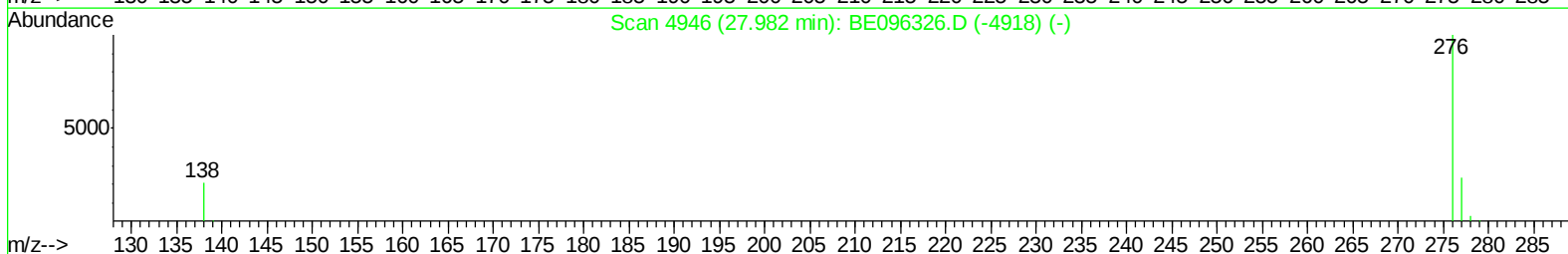
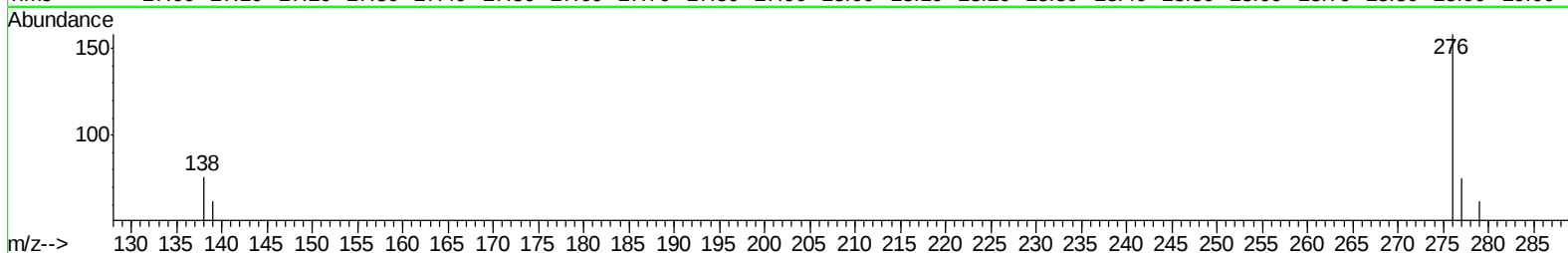
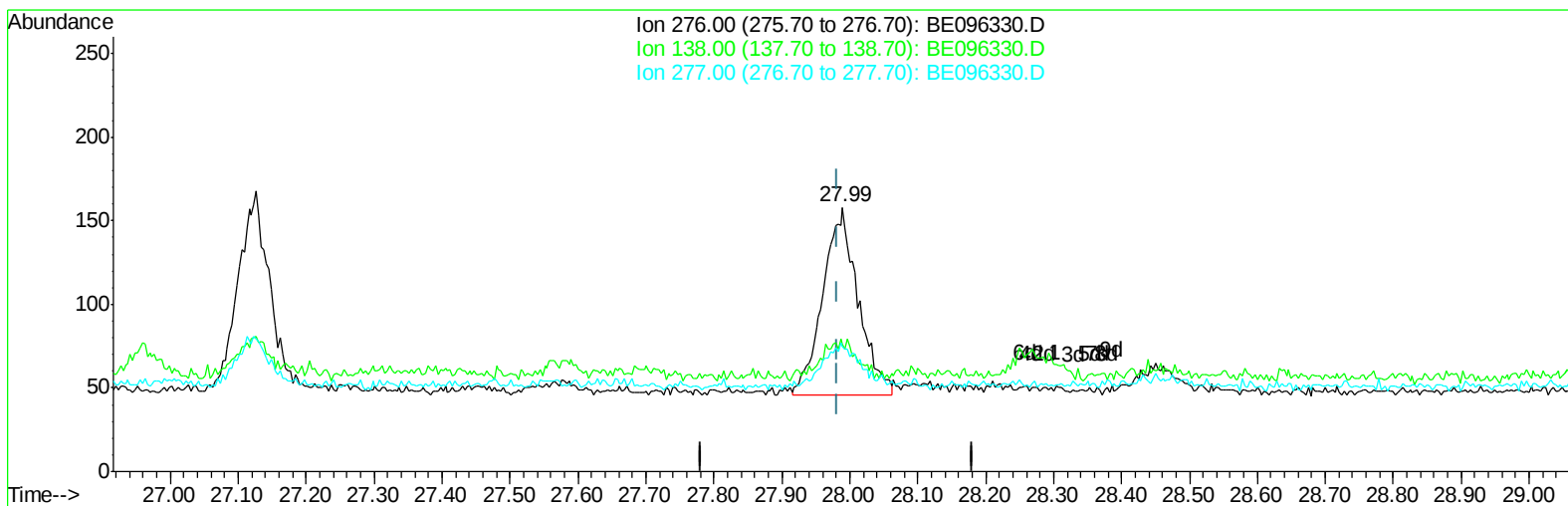
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
Data File : BE096330.D  
Acq On : 3 May 2018 19:27  
Operator : SJ/JU  
Sample : J2440-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3Y19

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:34:58 PM

Quant Time: May 04 02:11:06 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 04 01:53:25 2018  
Response via : Initial Calibration



TIC: BE096330.D

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

27.990min (+0.008) 0.03ng/ul m

response 401

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 27.30 | 48.10# |
| 277.00 | 25.60 | 47.47# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\  
 Data File : BE096330.D  
 Acq On : 3 May 2018 19:27  
 Operator : SJ/JU  
 Sample : J2440-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A3Y19

Manual Integrations  
 APPROVED

Sohil  
 5/4/2018 1:34:58 PM

Quant Time: May 04 02:13:21 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 04 01:53:25 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.35  | 152  | 647      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.17 | 136  | 2708     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.94 | 164  | 1701     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.65 | 188  | 4464m    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.74 | 240  | 5505m    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.34 | 264  | 4059m    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.73 | 152  | 1075     | 0.22   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.63 | 212  | 3776m    | 0.20   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 12) Phenanthrene            | 17.69 | 178  | 490m     | 0.036  | ng/ul  |          |
| 15) Fluoranthene            | 19.66 | 202  | 1495m    | 0.078  | ng/ul  |          |
| 17) Pyrene                  | 20.02 | 202  | 408      | 0.066  | ng/ul# | 89       |
| 18) Benzo(a)anthracene      | 21.73 | 228  | 279m     | 0.032  | ng/ul  |          |
| 19) Chrysene                | 21.78 | 228  | 614m     | 0.037  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 23.54 | 252  | 826m     | 0.059  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.59 | 252  | 269m     | 0.020  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 24.22 | 252  | 470m     | 0.036  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 27.13 | 276  | 392m     | 0.027  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 27.99 | 276  | 401m     | 0.033  | ng/ul  |          |

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

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