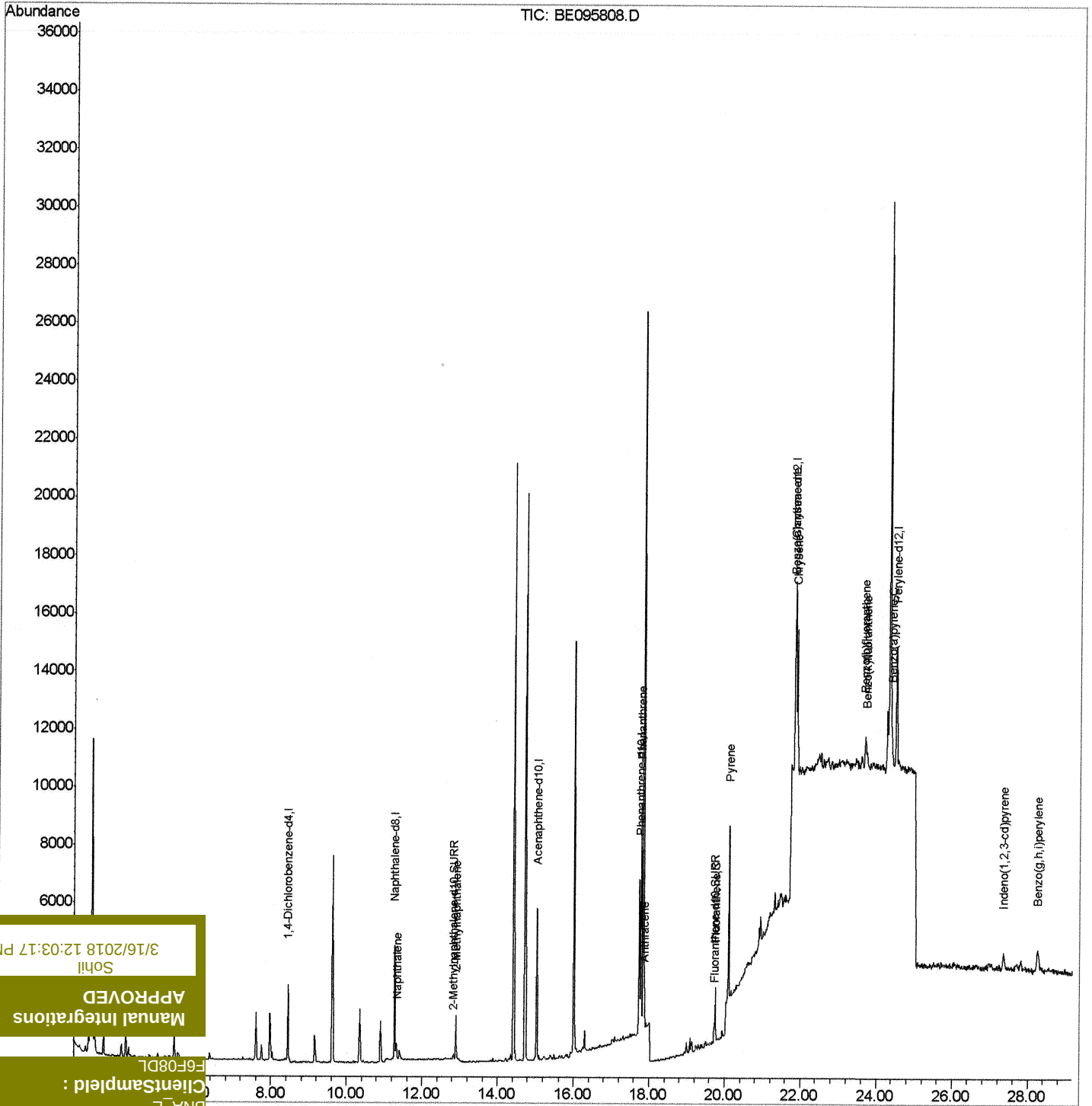


Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

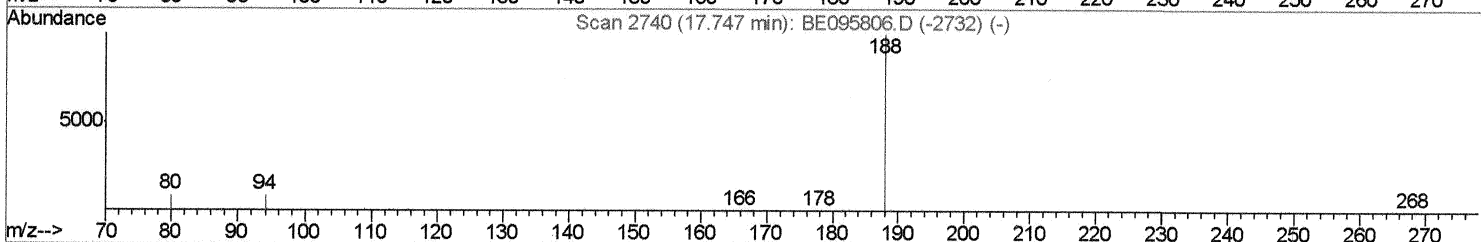
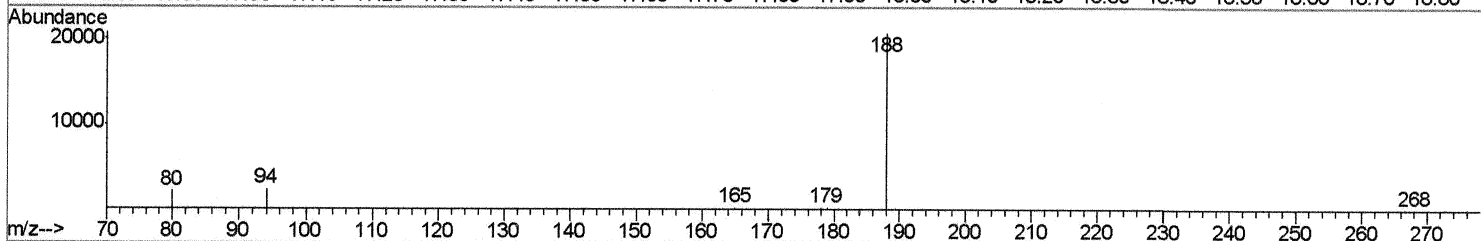
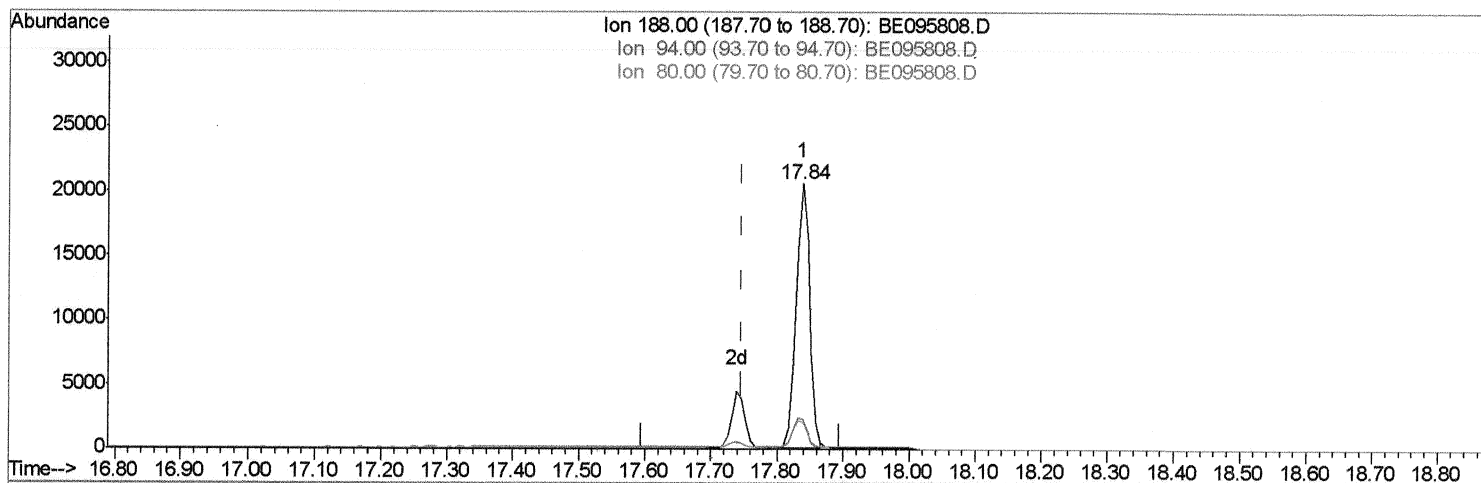
Quant Time: Mar 16 03:07:37 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 02:40:57 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(10) Phenanthrene-d10 (I)

17.838min (+0.091) 0.40ng/ul

response 29543

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 1.33 | 0.54 |
| 80.00  | 0.00 | 0.00 |

188.00 100

94.00 1.33

80.00 0.54

0.00

3/16/2018 12:03:17 PM

Sohil

APPROVED

Manual Integrations

F6F08DL

ClientSampled :

BNA\_E

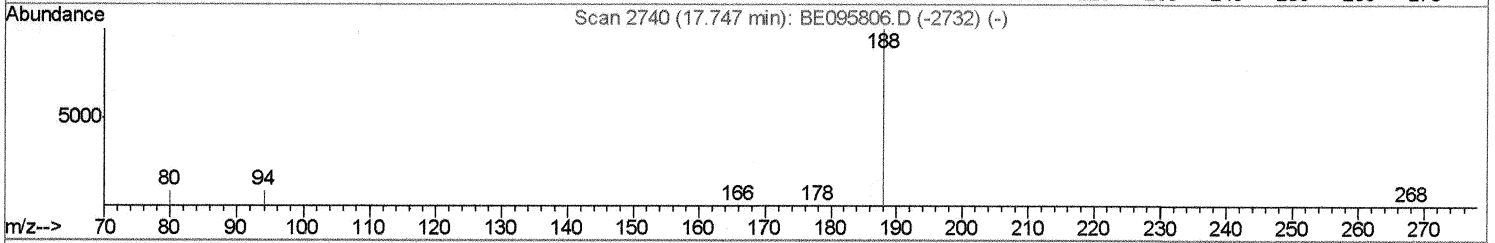
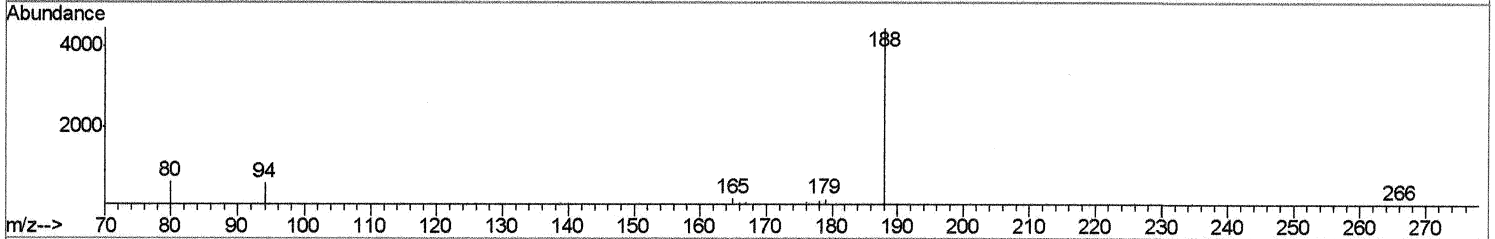
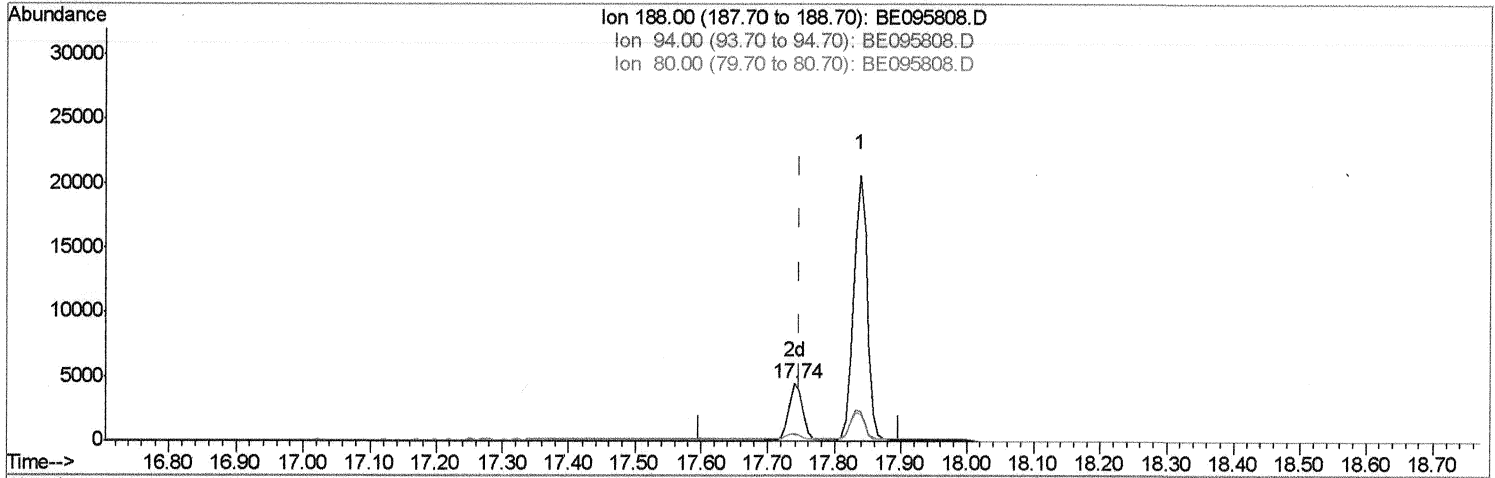
Instrument :

8.M Fri Mar 16 03:01:39 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 02:40:57 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(10) Phenanthrene-d10 (I)

17.739min (-0.007) 0.40ng/ul m > SJ 3/16/18

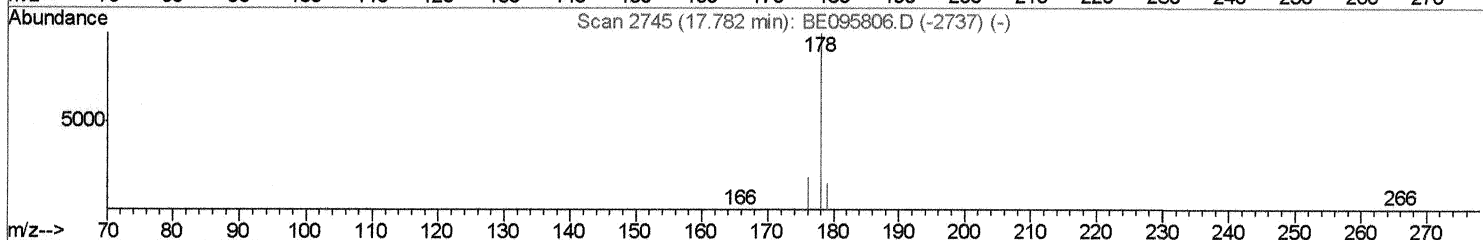
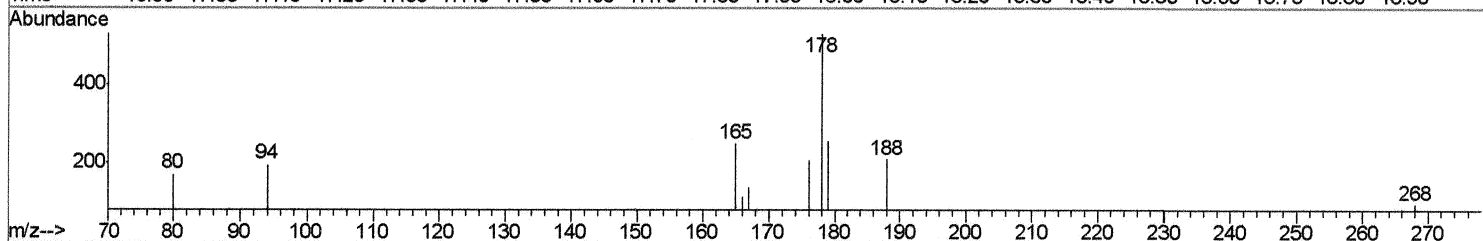
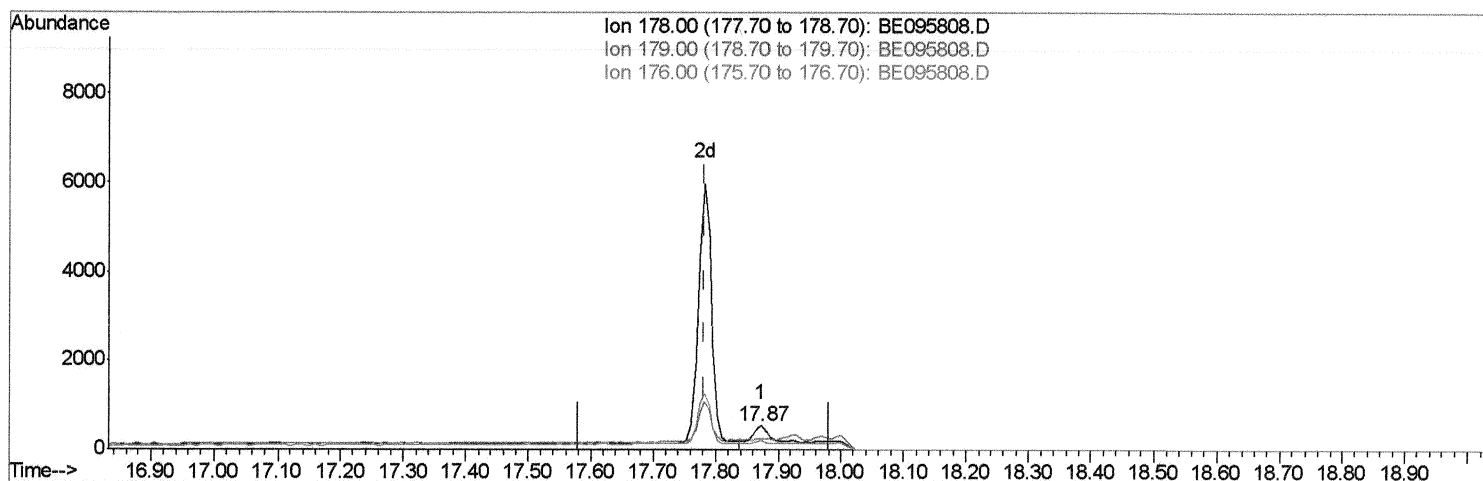
response 6455

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 3.43 | 4.19 |
| 80.00  | 0.00 | 0.00 |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:01:45 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(12) Phenanthrene

17.873min (+0.091) 0.13ng/ul

response 2441

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 176.00 | 47.74 | 38.72 |
| 178.00 | 100   | 100   |

3/16/2018 12:03:17 PM

Sohil

APPROVED

Manual Integrations

F6F08DL

ClientSampled :

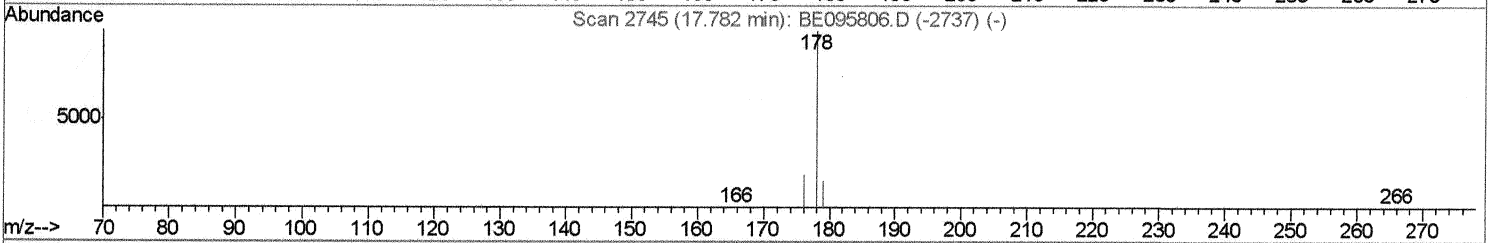
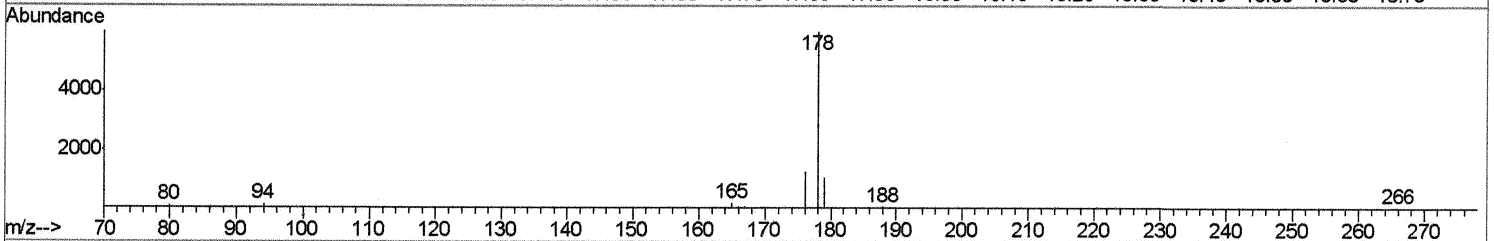
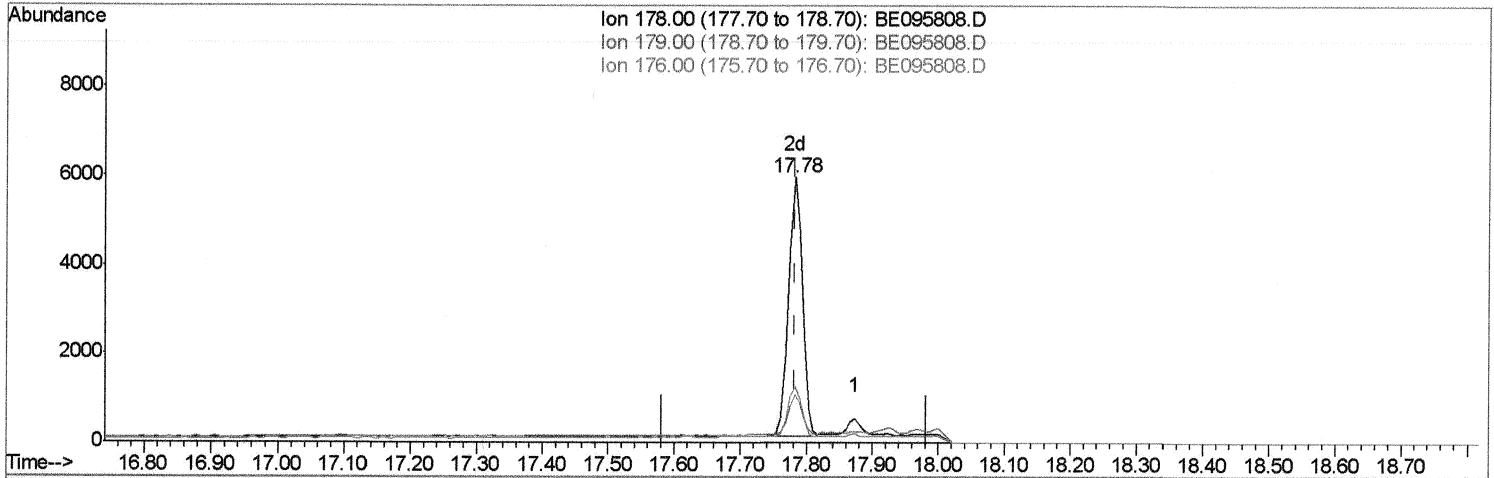
Instrument :

BE031318.M Fri Mar 16 03:04:13 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:01:45 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(12) Phenanthrene

17.782min (-0.000) 0.43ng/ul m > 52 3/16/18

response 8382

| Ion | Exp% | Act% |
|-----|------|------|
| 178 | 100  | 100  |
| 176 | 100  | 100  |
| 180 | 100  | 100  |
| 174 | 100  | 100  |
| 172 | 100  | 100  |
| 170 | 100  | 100  |
| 168 | 100  | 100  |
| 166 | 100  | 100  |
| 164 | 100  | 100  |
| 162 | 100  | 100  |
| 160 | 100  | 100  |
| 158 | 100  | 100  |
| 156 | 100  | 100  |
| 154 | 100  | 100  |
| 152 | 100  | 100  |
| 150 | 100  | 100  |
| 148 | 100  | 100  |
| 146 | 100  | 100  |
| 144 | 100  | 100  |
| 142 | 100  | 100  |
| 140 | 100  | 100  |
| 138 | 100  | 100  |
| 136 | 100  | 100  |
| 134 | 100  | 100  |
| 132 | 100  | 100  |
| 130 | 100  | 100  |
| 128 | 100  | 100  |
| 126 | 100  | 100  |
| 124 | 100  | 100  |
| 122 | 100  | 100  |
| 120 | 100  | 100  |
| 118 | 100  | 100  |
| 116 | 100  | 100  |
| 114 | 100  | 100  |
| 112 | 100  | 100  |
| 110 | 100  | 100  |
| 108 | 100  | 100  |
| 106 | 100  | 100  |
| 104 | 100  | 100  |
| 102 | 100  | 100  |
| 100 | 100  | 100  |
| 98  | 100  | 100  |
| 96  | 100  | 100  |
| 94  | 100  | 100  |
| 92  | 100  | 100  |
| 90  | 100  | 100  |
| 88  | 100  | 100  |
| 86  | 100  | 100  |
| 84  | 100  | 100  |
| 82  | 100  | 100  |
| 80  | 100  | 100  |
| 78  | 100  | 100  |
| 76  | 100  | 100  |
| 74  | 100  | 100  |
| 72  | 100  | 100  |
| 70  | 100  | 100  |

3/16/2018 12:03:17 PM

Sohil

APPROVED

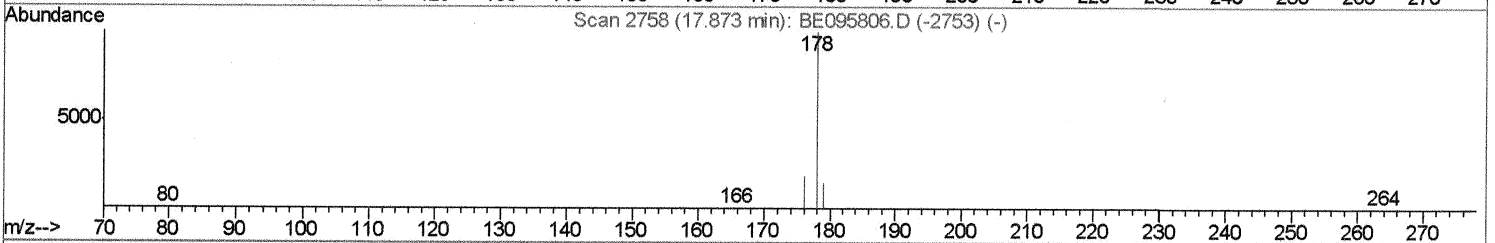
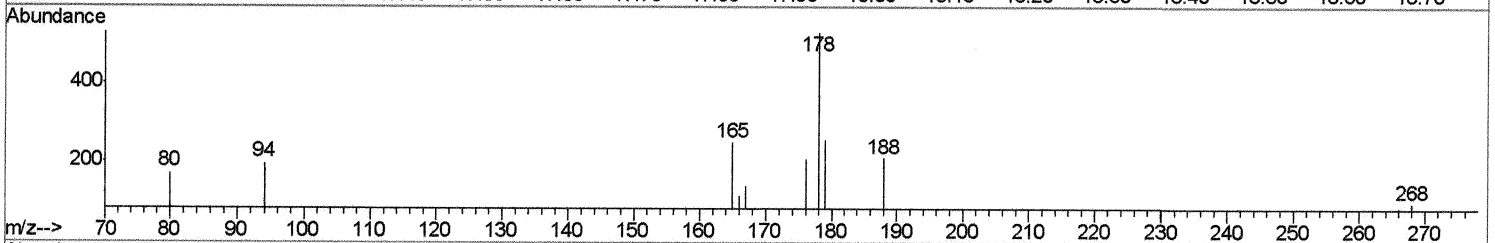
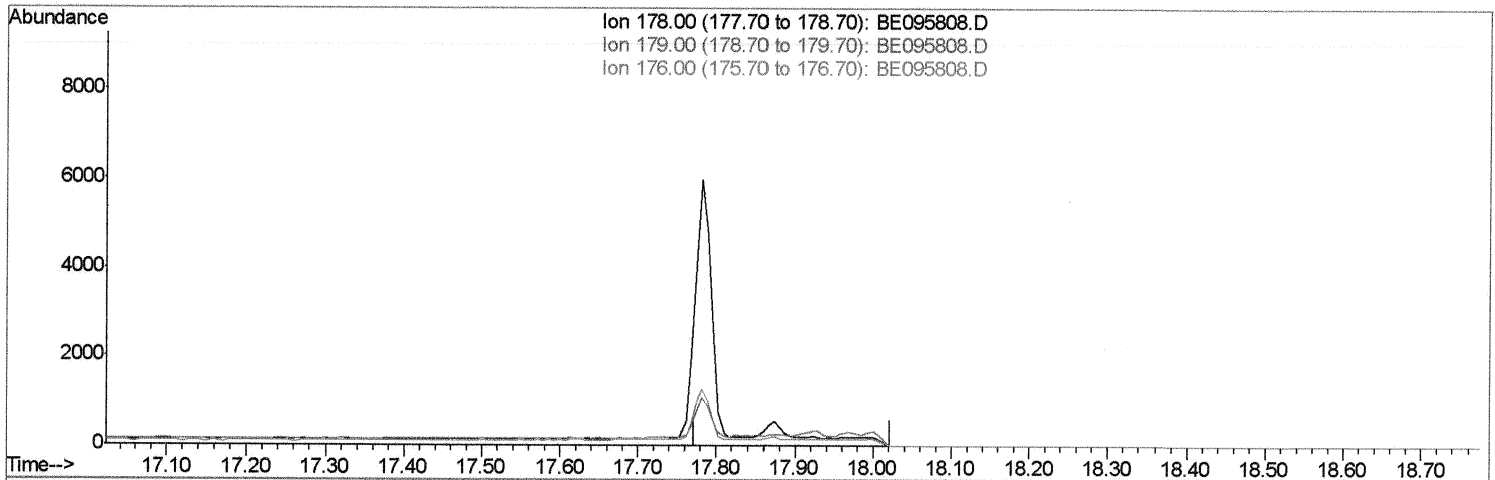
Manual Integrations

Instrument : BNA\_E  
 ClientSampleId : F6F08DL

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:01:45 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(13) Anthracene  
 17.873min (-17.873) 0.00ng/ul  
 response 0

| Ion    | Exp% | Act% |
|--------|------|------|
| 178.00 | 100  | 0.00 |

3/16/2018 12:03:17 PM  
 Sohll  
 APPROVED  
 Manual Integrations

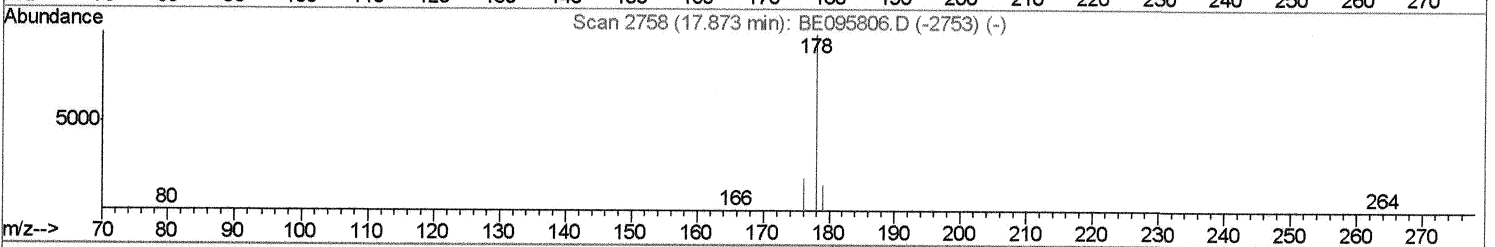
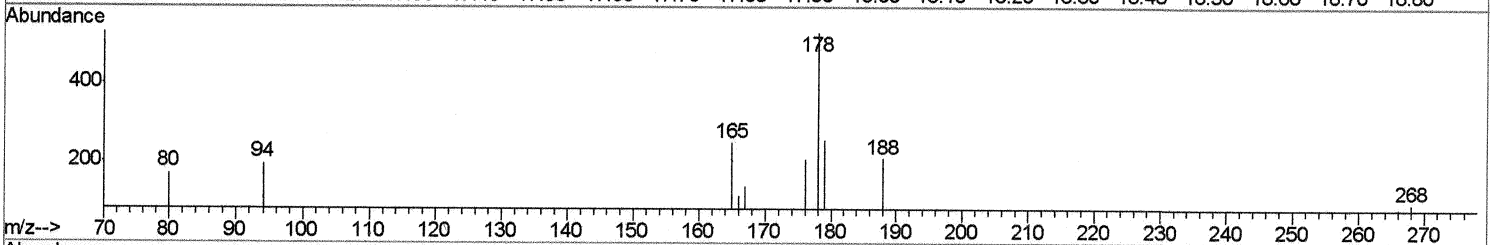
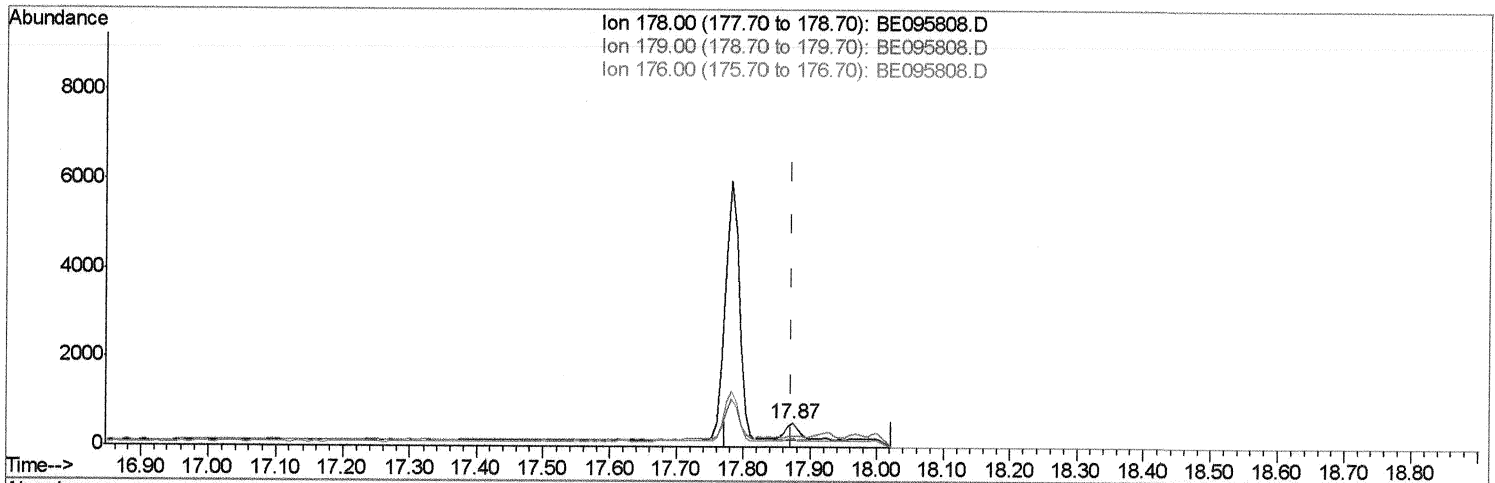
Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6F08DL

18.M Fri Mar 16 03:05:01 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:01:45 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(13) Anthracene

17.873min (-0.000) 0.03ng/ul m > SJ 3/16/18

response 504

Ion Exp% Act%

178.00 100 100

3/16/2018 12:03:17 PM 17.74#

Sohil

APPROVED 17.87#

Manual Integrations 100

F6F08DL

ClientSampled :

BNA\_E

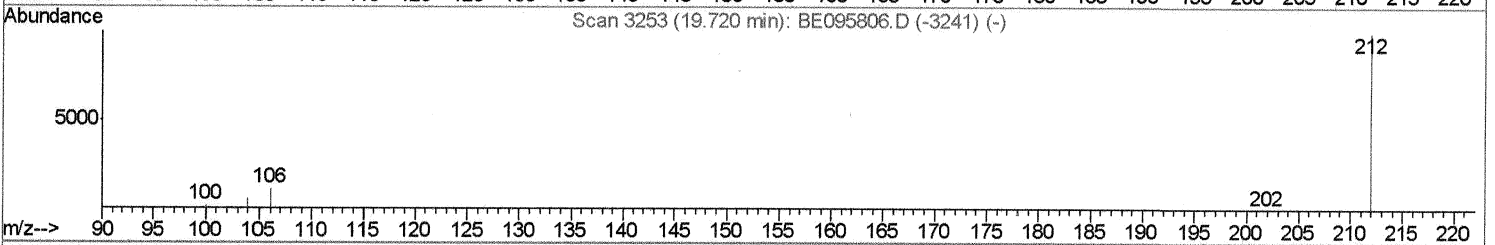
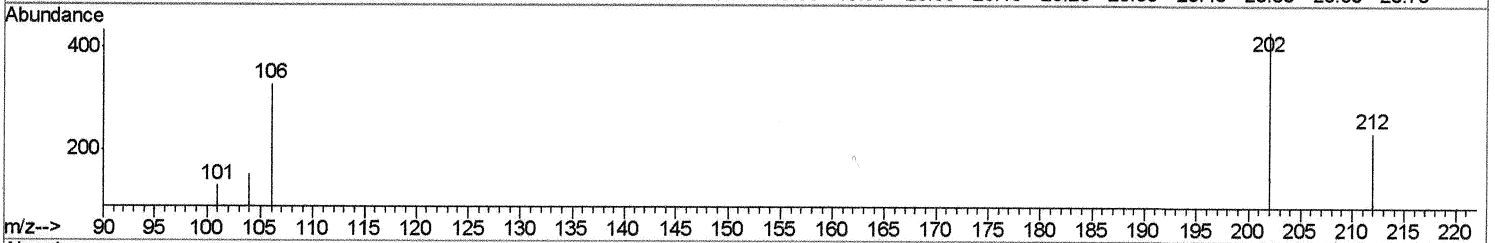
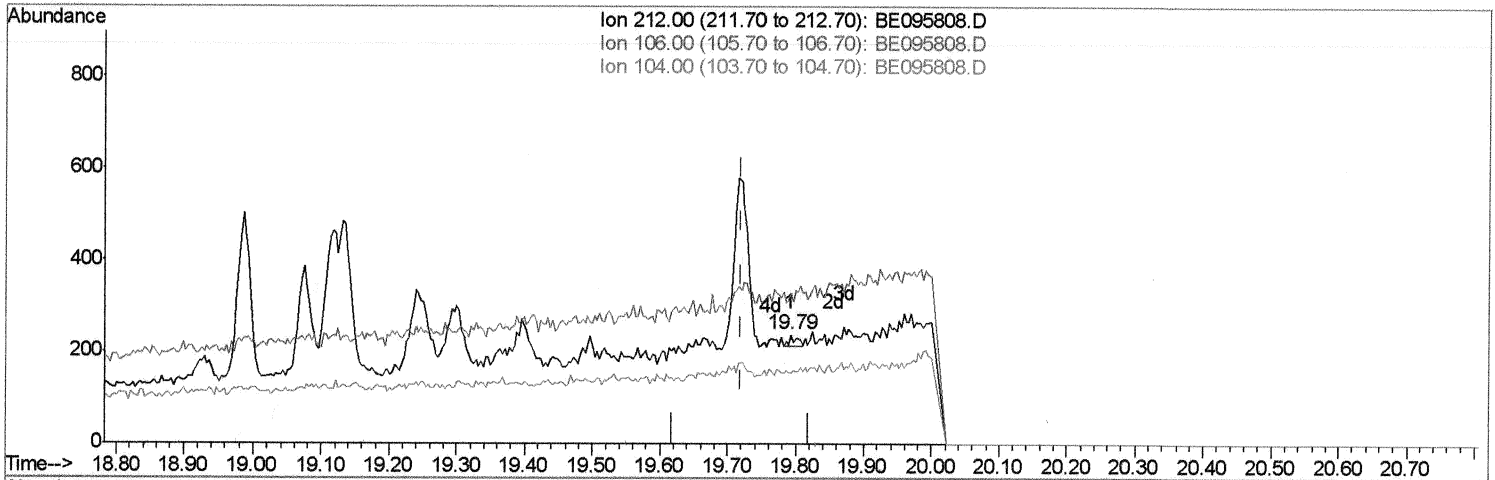
Instrument :

3.M Fri Mar 16 03:05:21 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:01:45 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(14) Fluoranthene-d10 (SURR)

19.792min (+0.072) 0.00ng/ul

response 22

| Ion    | Exp% | Act% |
|--------|------|------|
| 212.00 | 100  | 100  |

0.00#

0.00#

0.00#

0.00#

0.00#

0.00#

0.00#

0.00#

0.00#

0.00#

3/16/2018 12:03:17 PM

Sohil

APPROVED

Manual Integrations

ClientSampled :

BNA\_E

Instrument :

3.M Fri Mar 16 03:05:24 2018

```
Data Path   : Z:\HPCHEM1\BNA E\Data\BE031518\  
Data File   : BE095808.D  
Acq On      : 15 Mar 2018   17:52  
Operator    : SJ/JU  
Sample      : J1835-12DL 10X  
Misc        :  
ALS Vial    : 12      Sample Multiplier: 1
```

Abundance

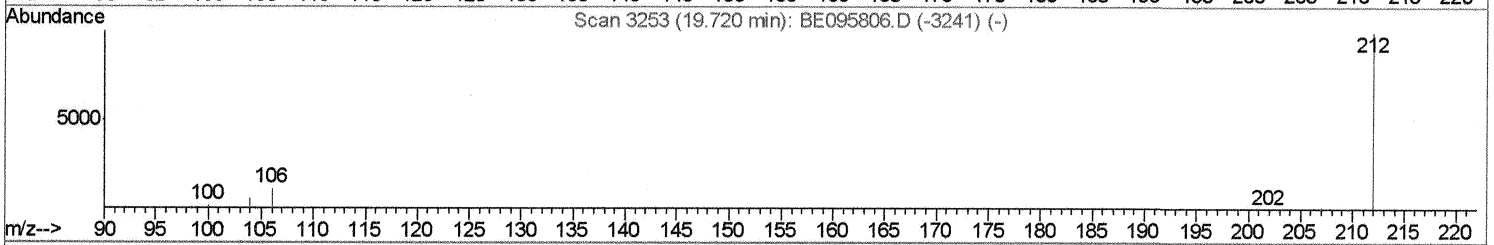
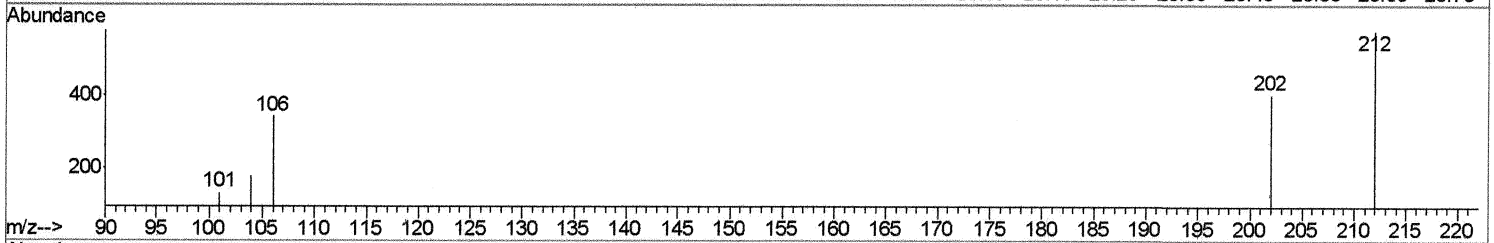
Ion 212.00 (211.70 to 212.70): BE095808.D  
Ion 106.00 (105.70 to 106.70): BE095808.D  
Ion 104.00 (103.70 to 104.70): BE095808.D

800  
600  
400  
200  
0

19.72

19.72 19.80

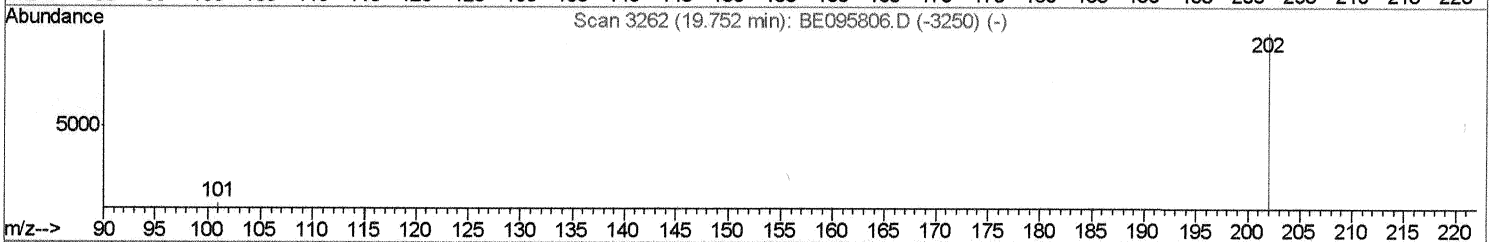
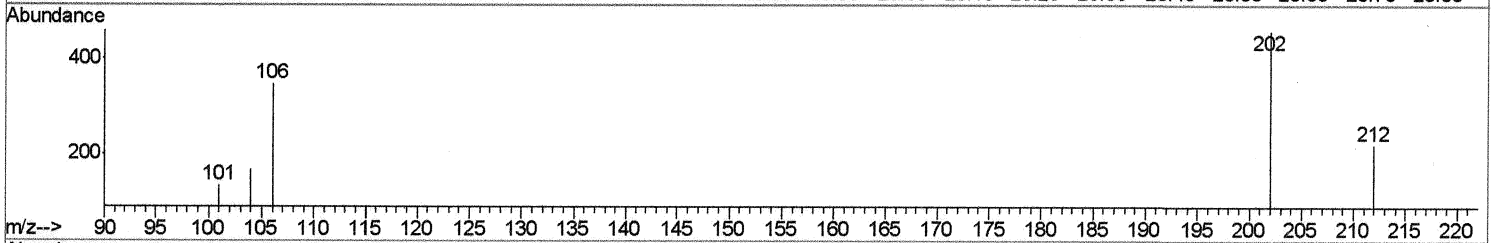
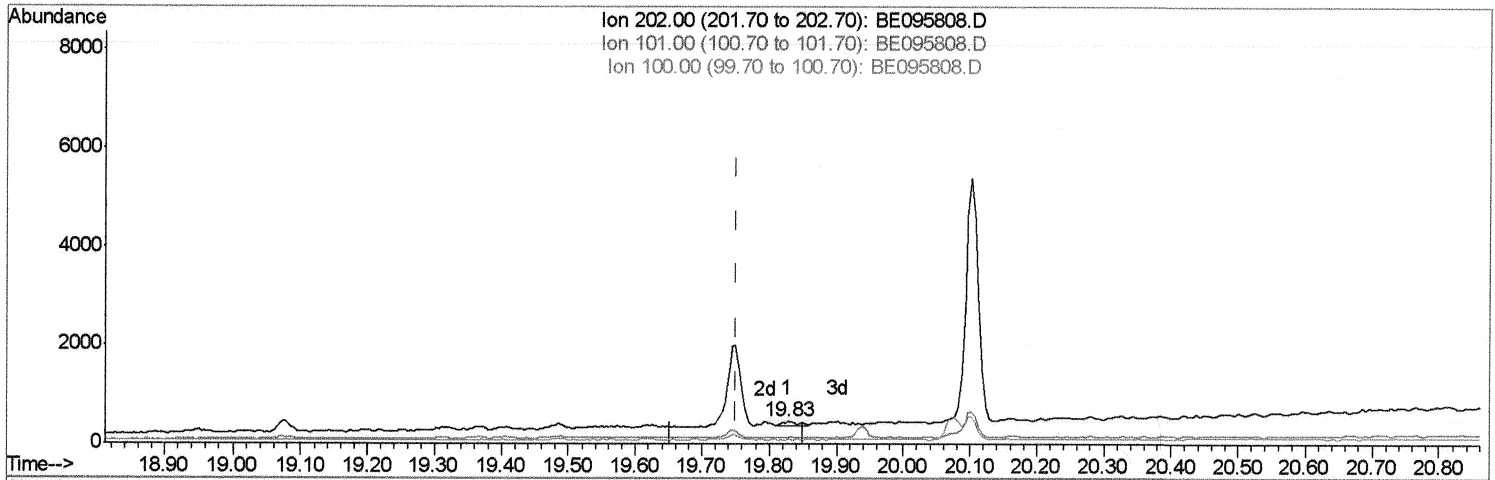
Time--> 18.70 18.80 18.90 19.00 19.10 19.20 19.30 19.40 19.50 19.60 19.70 19.80 19.90 20.00 20.10 20.20 20.30 20.40 20.50 20.60 20.70



# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:01:45 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(15) Fluoranthene (C)  
 19.827min (+0.075) 0.01ng/ul  
 response 126

| Ion    | Exp% | Act% |
|--------|------|------|
| 202.00 | 100  | 100  |

3/16/2018 12:03:17 PM  
 Sohll  
 APPROVED  
 Manual Integrations

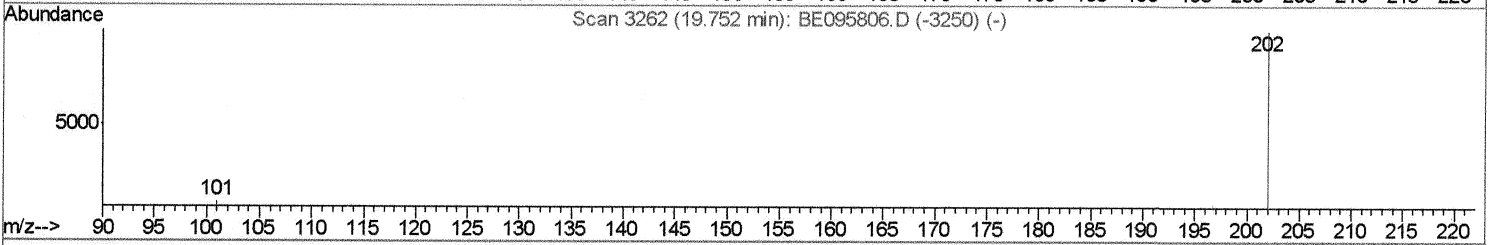
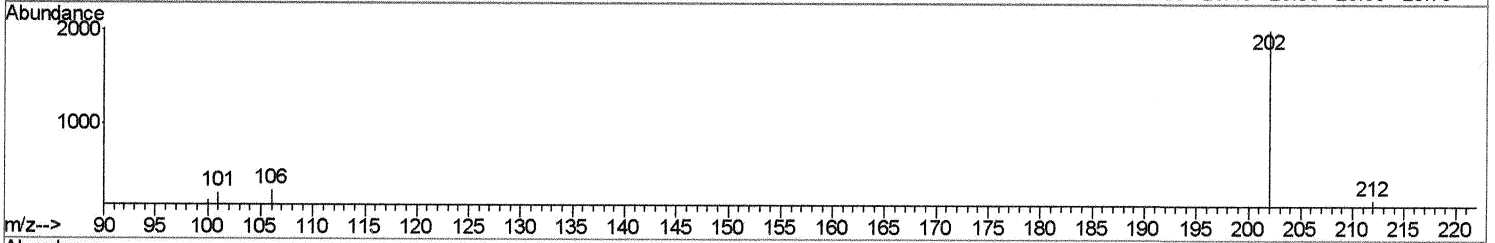
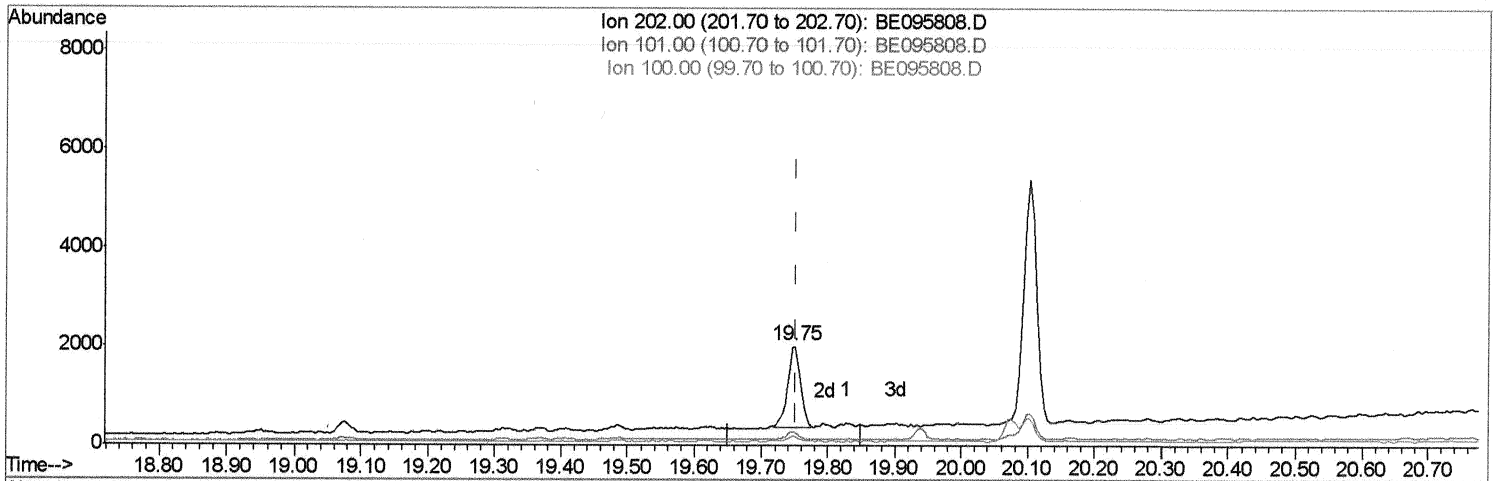
Instrument :  
 BNA\_E  
 ClientSampled :  
 F6F08DL

3.M Fri Mar 16 03:05:37 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:01:45 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(15) Fluoranthene (C)

19.749min (-0.003) 0.09ng/ul m > SJ 3/16/18

response 2194

Ion Exp% Act%

202.00 100 100

101.00 13.79

9.76

00

3/16/2018 12:03:17 PM

Sohil

APPROVED

Manual Integrations

F6F08DL

Client Sampled :

BNA\_E

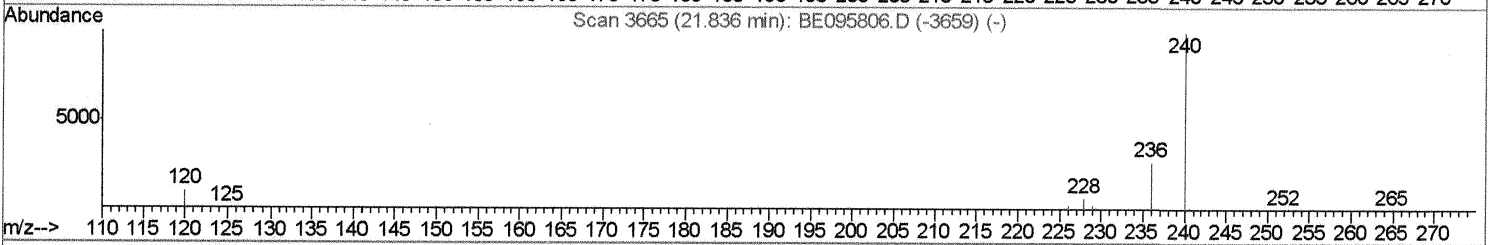
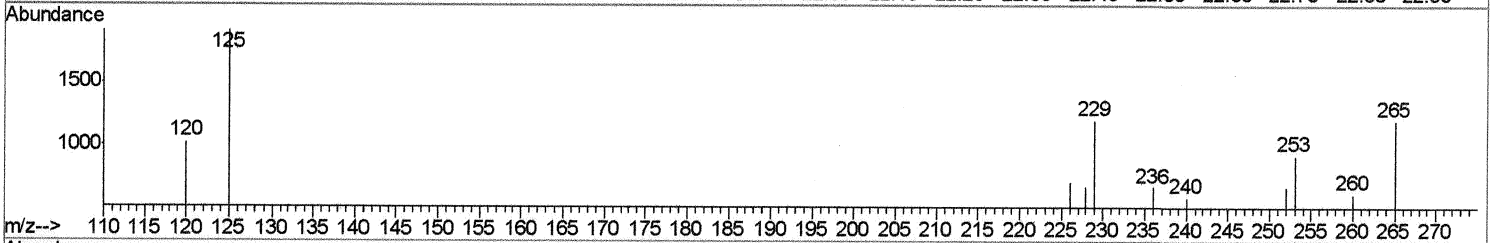
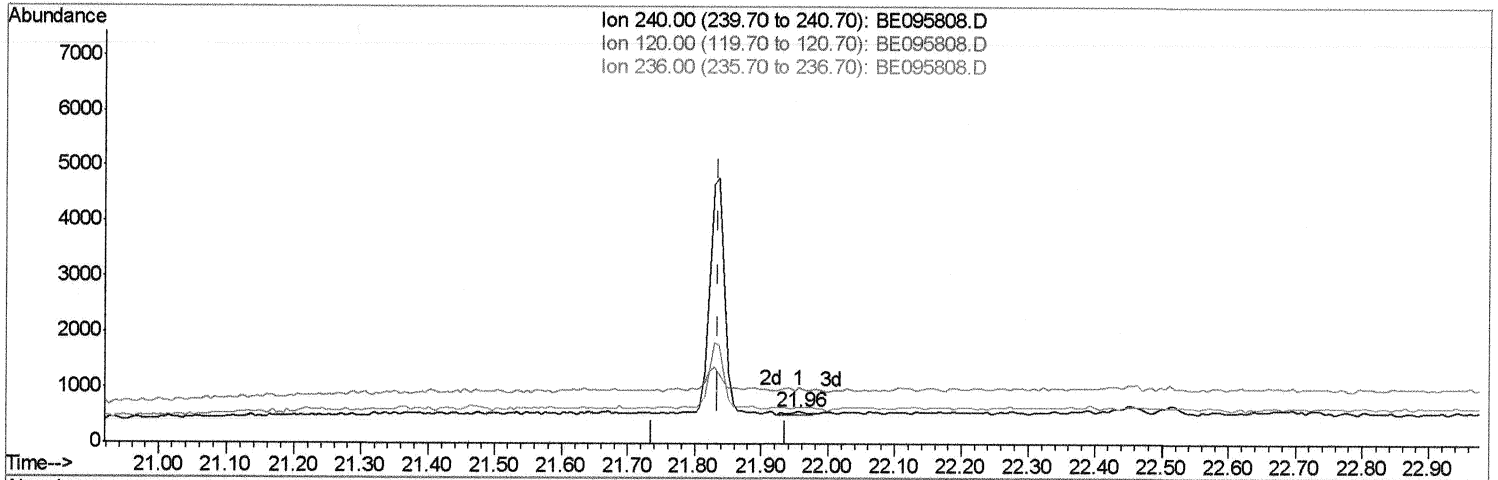
Instrument :

3.M Fri Mar 16 03:05:49 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:01:45 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(16) Chrysene-d12 (I)  
 21.956min (+0.120) 0.40ng/ul  
 response 103

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 75.13 | 75.13 |
| 125.00 | 13.89 | 13.89 |
| 236.00 | 0.00  | 0.00  |

3/16/2018 12:03:17 PM

Sohil

APPROVED

Manual Integrations

F6F08DL

ClientSampled :

BNA\_E

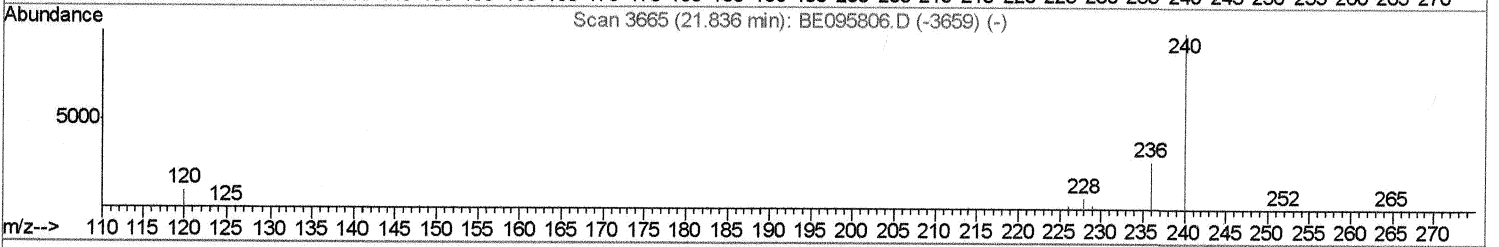
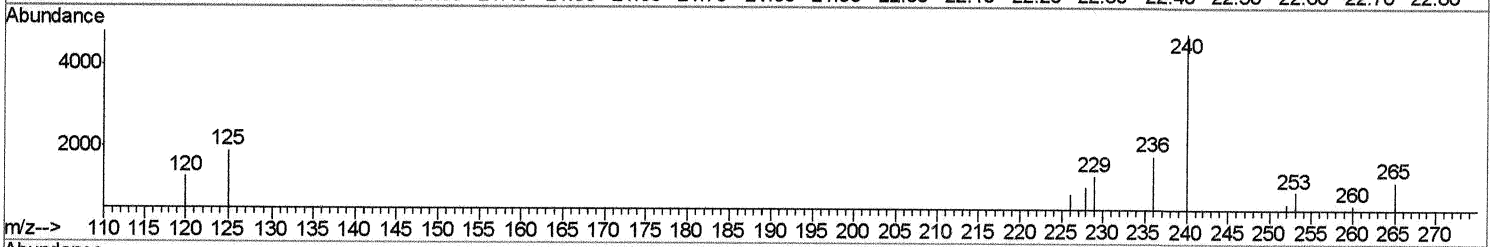
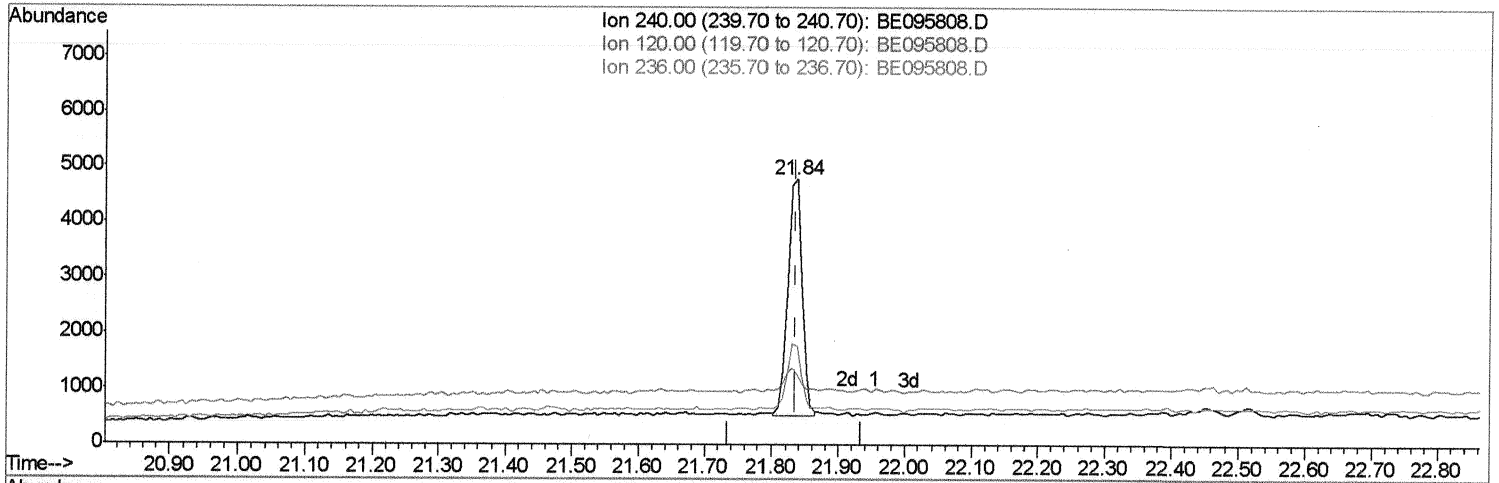
Instrument :

3.M Fri Mar 16 03:05:52 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:01:45 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(16) Chrysene-d12 (I)

21.837min (+0.001) 0.40ng/ul m > SD 3/16/18

response 6281

Ion Exp% Act%

240.00 100 100

3/16/2018 12:03:17 PM 26.34#

Sohil

APPROVED 37.48

Manual Integrations 00

F6F08DL

ClientSampled :

BNA\_E

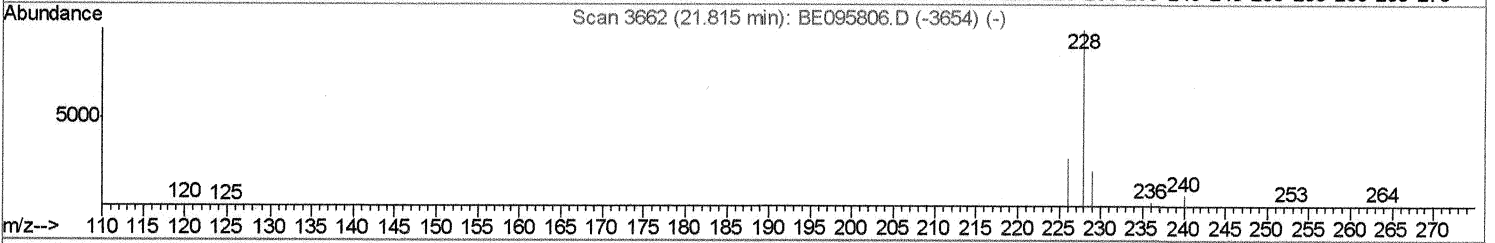
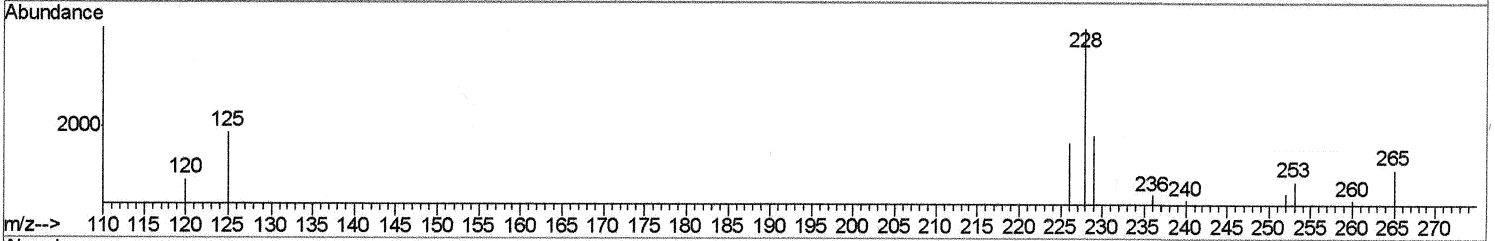
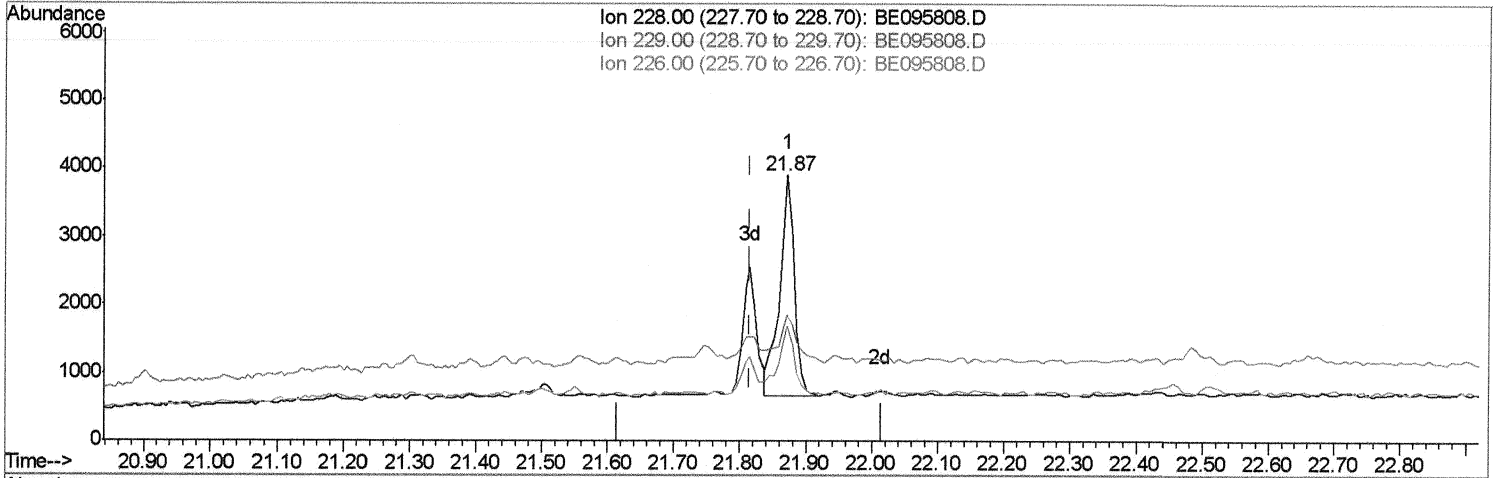
Instrument :

9.M Fri Mar 16 03:06:05 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:05:56 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(18) Benzo(a)anthracene

21.872min (+0.057) 0.25ng/ul

response 5122

Ion Exp% Act%

228.00 100 100

3/16/2018 12:03:17 PM 47.15#

Sohil

APPROVED 43.15#

Manual Integrations 00

F6F08DL

Client Sampled :

BNA\_E

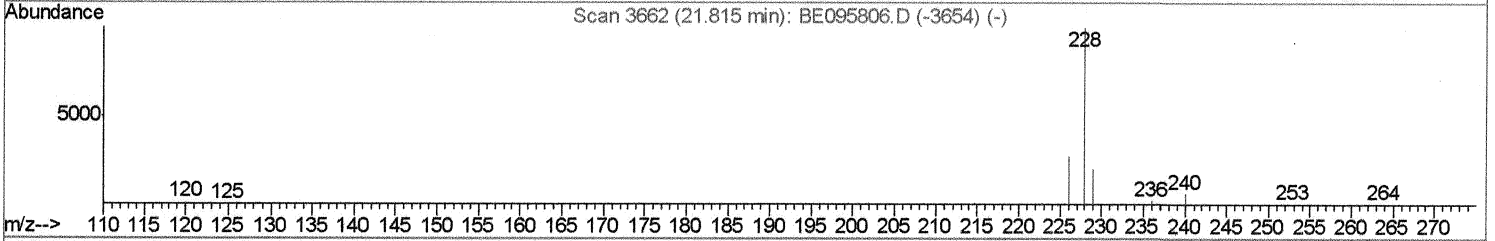
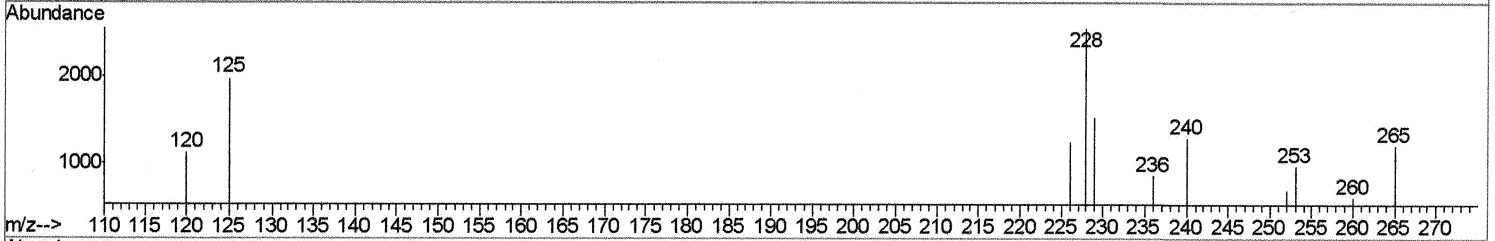
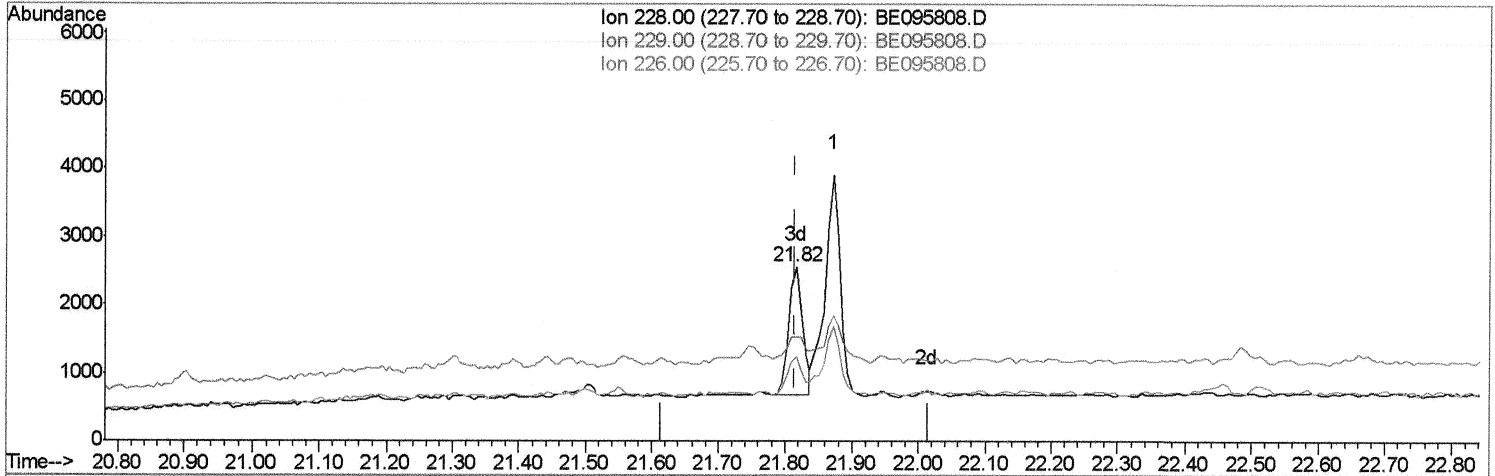
Instrument :

3.M Fri Mar 16 03:06:32 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:05:56 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.815min (+0.001) 0.14ng/ul m > SJ 3/16/18

response 2749

Ion Exp% Act%

228.00 100 100

59.85#

48.51#

00

3/16/2018 12:03:17 PM

Sohil

APPROVED

Manual Integrations

F6F08DL

ClientSampled :

BNA\_E

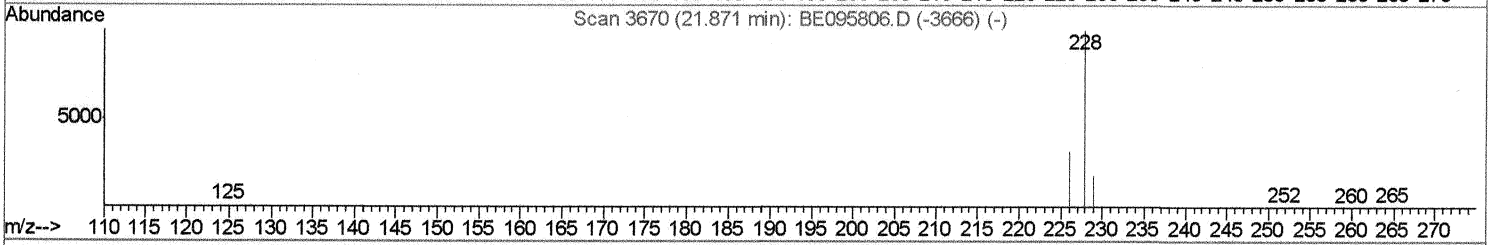
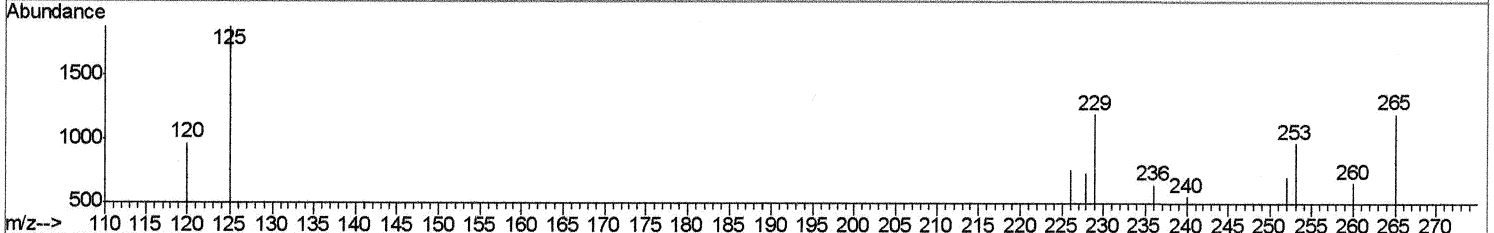
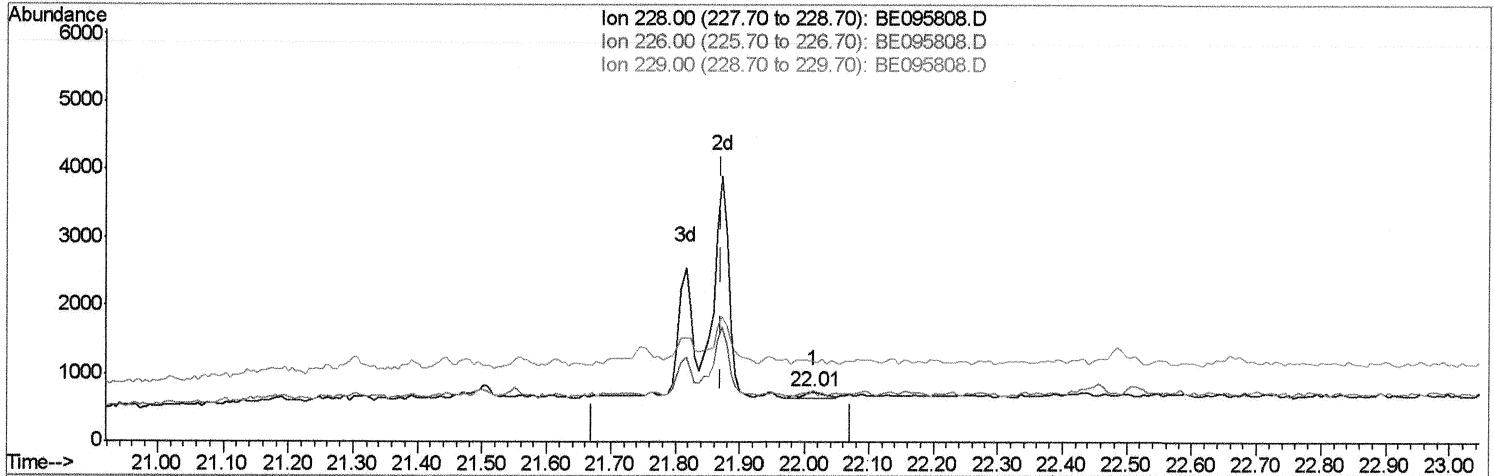
Instrument :

3.M Fri Mar 16 03:06:45 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:05:56 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(19) Chrysene

22.012min (+0.141) 0.01ng/ul

response 252

Ion Exp% Act%

228.00 100 100

3/16/2018 12:03:17 PM 03.54#

Sohil

APPROVED 62.81#

Manual Integrations 0.00

F6F08DL

ClientSampled :

BNA\_E

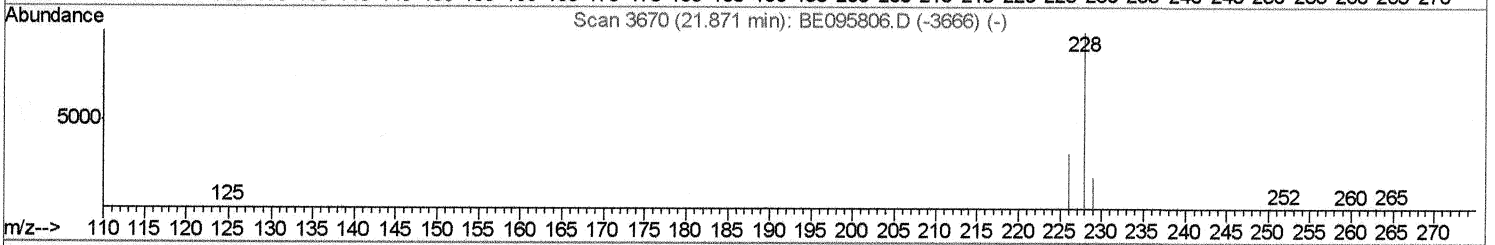
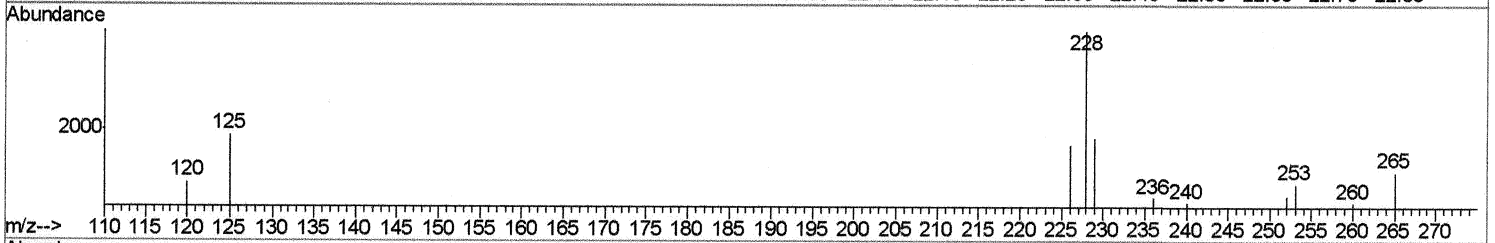
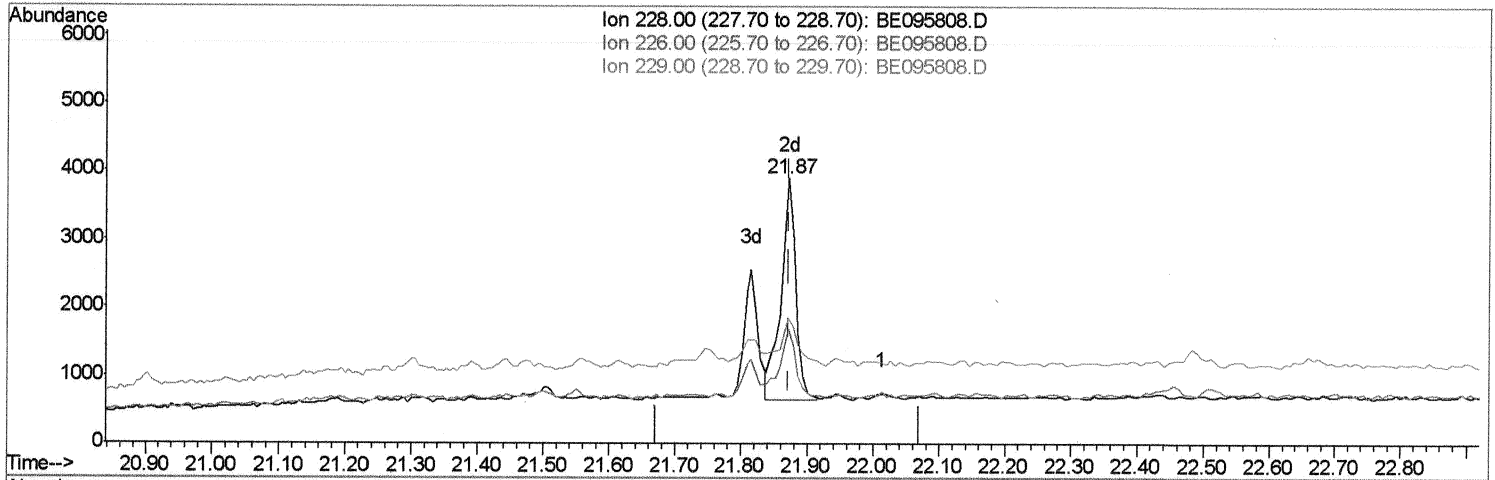
Instrument :

8.M Fri Mar 16 03:06:49 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:05:56 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(19) Chrysene

21.872min (+0.001) 0.26ng/ul m > SJ 3/16/18

response 5275

Ion Exp% Act%

228.00 100 100

3/16/2018 12:03:17 PM 43.15#

Sohil

APPROVED

Manual Integrations 47.15#

F6F08DL

ClientSampled :

BNA\_E

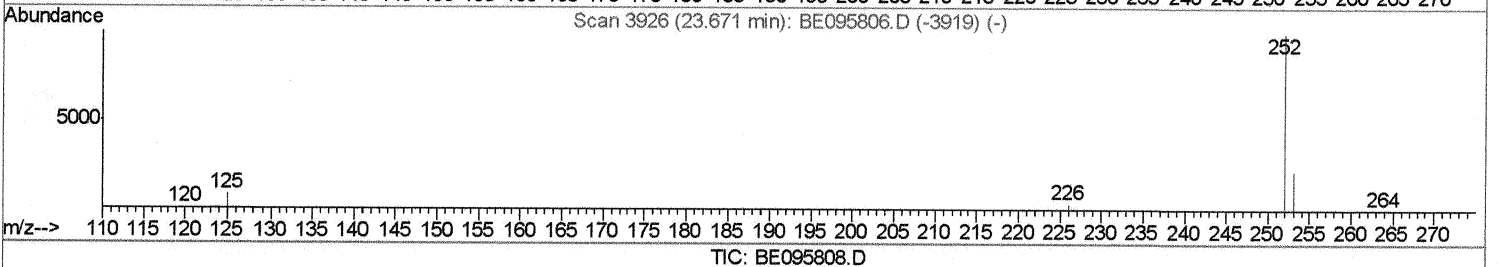
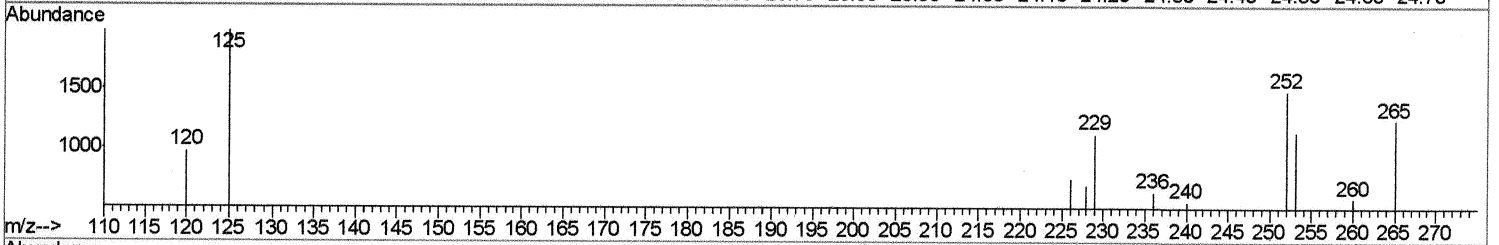
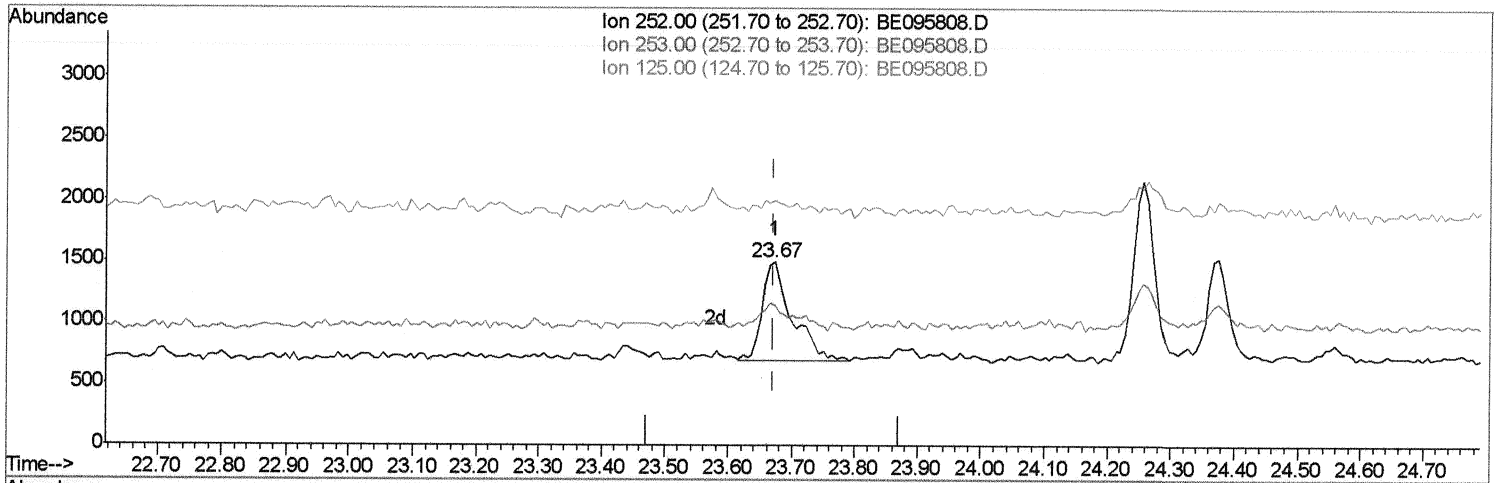
Instrument :

3.M Fri Mar 16 03:07:06 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:05:56 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.672min (+0.001) 0.12ng/ul

response 2612

Ion Exp% Act%

252.00 100 100

3/16/2018 12:03:17 PM 76.79#

Sohil

APPROVED 23.67#

Manual Integrations 100

F6F08DL

ClientSampled :

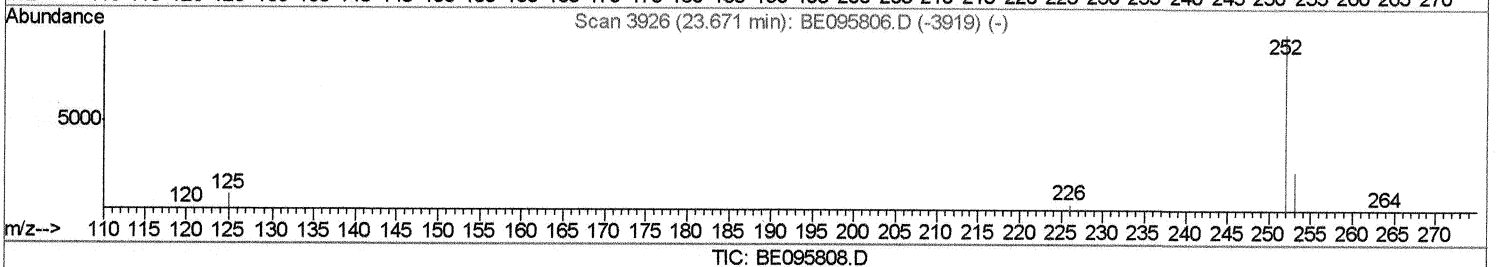
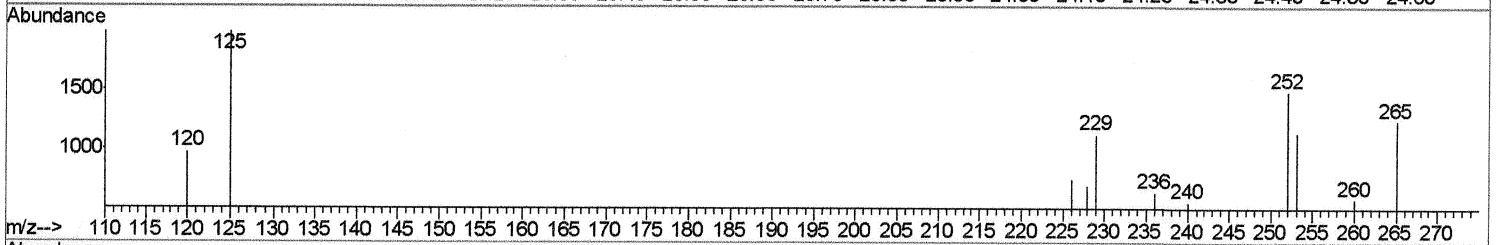
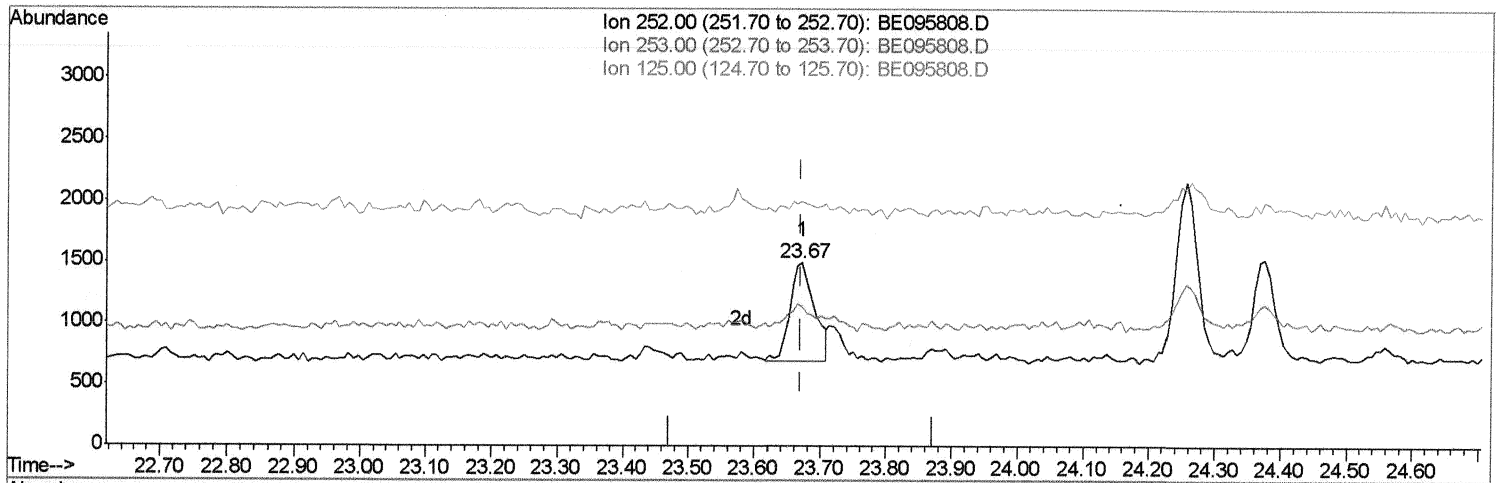
BNA\_E

Instrument : 3.M Fri Mar 16 03:07:13 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:05:56 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.672min (+0.001) 0.10ng/ul m> 52 3/16/18

response 2128

Ion Exp% Act%

252.00 100 100

3/16/2018 12:03:17 PM 76.79#

Sohil

APPROVED 33.67#

Manual Integrations 00

F6F08DL

ClientSampled :

BNA\_E

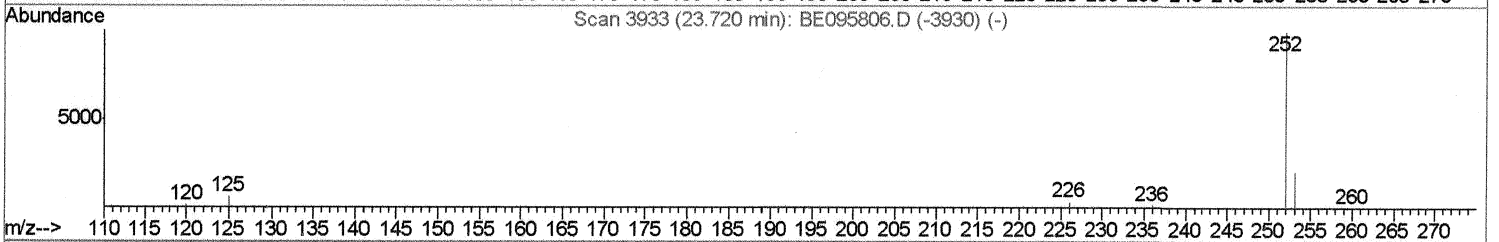
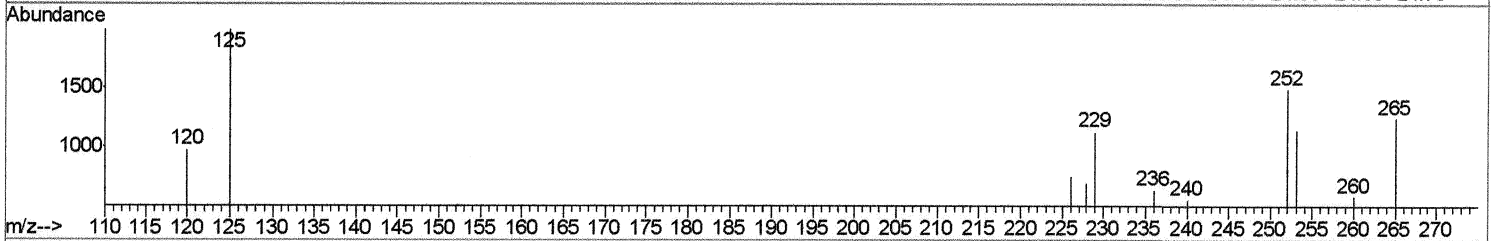
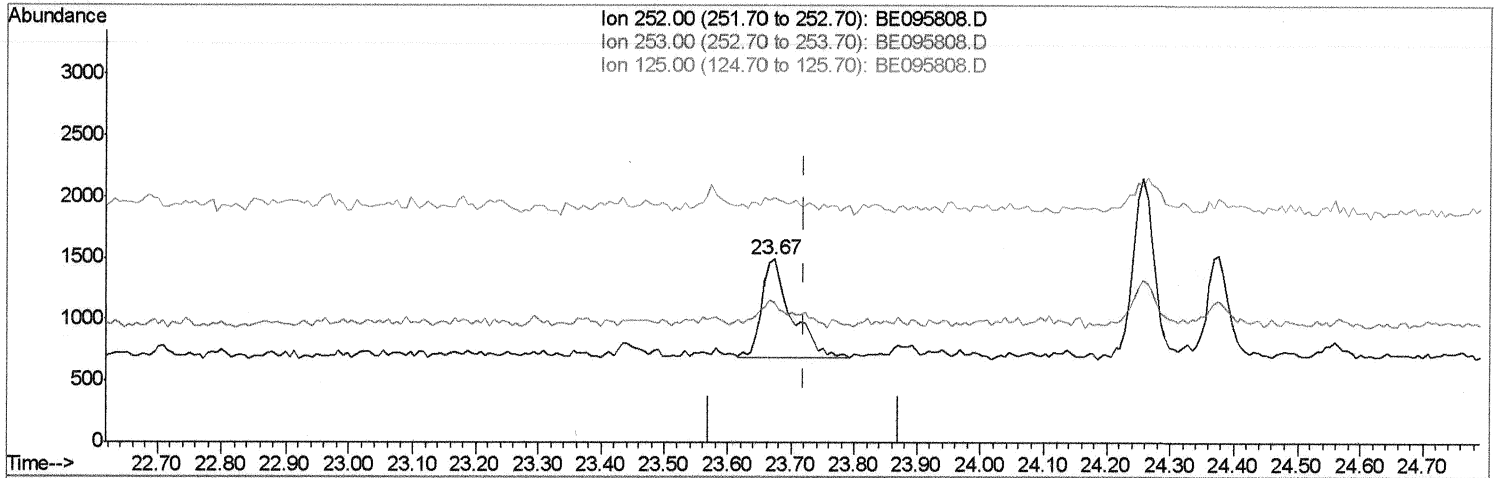
Instrument :

3.M Fri Mar 16 03:07:22 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:05:56 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



TIC: BE095808.D

(22) Benzo(k)fluoranthene

23.672min (-0.049) 0.13ng/ul

response 2612

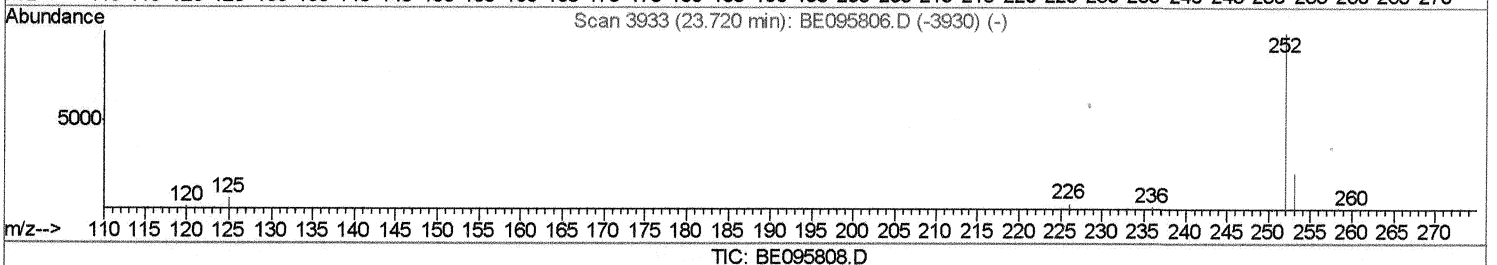
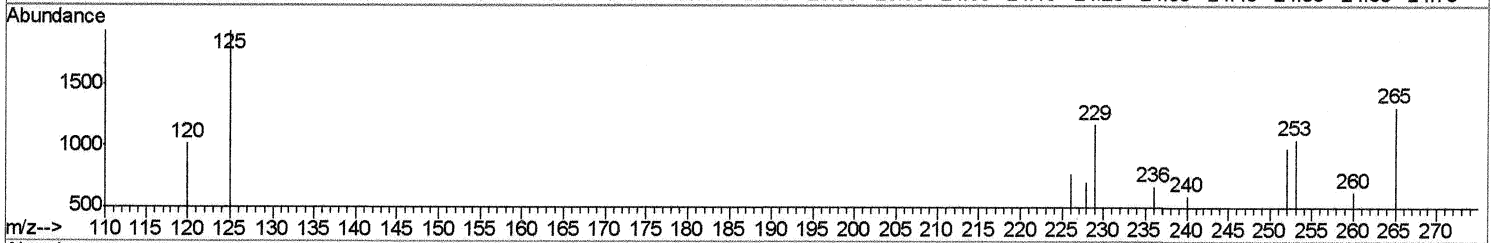
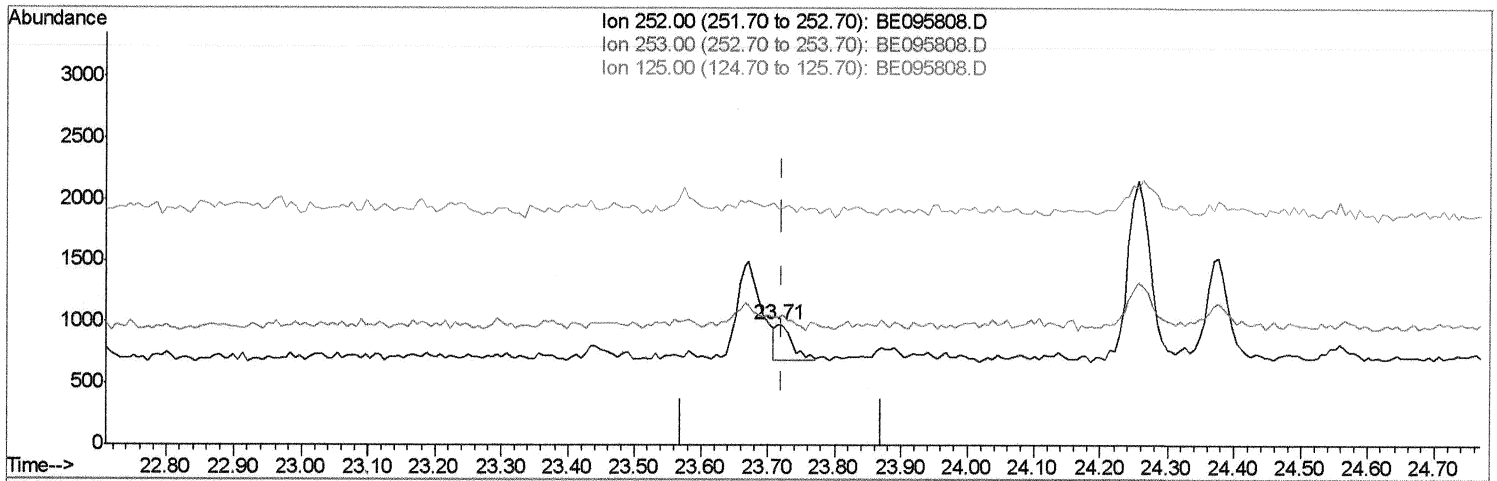
| Ion    | Exp% | Act%   |
|--------|------|--------|
| 252.00 | 100  | 100    |
| 253.00 | 100  | 76.79# |
| 125.00 | 100  | 33.67# |
| 120.00 | 100  | 0.00   |

8.M Fri Mar 16 03:07:25 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:05:56 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Qlast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.714min (-0.006) 0.02ng/ul m> SJ 3/16/18

response 500

Ion Exp% Act%

252.00 100 100

3/16/2018 12:03:17 PM 06.62#

Sohil

APPROVED 96.74#

Manual Integrations 00

F6F08DL

ClientSampled :

BNA\_E

Instrument :

3.M Fri Mar 16 03:07:34 2018

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
 Data File : BE095808.D  
 Acq On : 15 Mar 2018 17:52  
 Operator : SJ/JU  
 Sample : J1835-12DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 03:07:37 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 16 02:40:12 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.45  | 152  | 1895     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.28 | 136  | 5450     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.04 | 164  | 2962     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.74 | 188  | 6455m    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.84 | 240  | 6281m    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.49 | 264  | 6281     | 0.40 | ng/ul | 0.00     |

SJ 3/16/18

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.83 | 152  | 211      | 0.02 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.72 | 212  | 533m     | 0.03 | ng/ul | 0.00     |

SJ 3/16/18

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 11.33 | 128  | 797      | 0.052 | ng/ul# | 75     |
| 5) 2-Methylnaphthalene     | 12.90 | 142  | 1271     | 0.120 | ng/ul  | 100    |
| 12) Phenanthrene           | 17.78 | 178  | 8382m    | 0.434 | ng/ul  |        |
| 13) Anthracene             | 17.87 | 178  | 504m     | 0.028 | ng/ul  |        |
| 15) Fluoranthene           | 19.75 | 202  | 2194m    | 0.094 | ng/ul  |        |
| 17) Pyrene                 | 20.10 | 202  | 6838     | 0.287 | ng/ul# | 80     |
| 18) Benzo(a)anthracene     | 21.82 | 228  | 2749m    | 0.136 | ng/ul  |        |
| 19) Chrysene               | 21.87 | 228  | 5275m    | 0.256 | ng/ul  |        |
| 21) Benzo(b)fluoranthene   | 23.67 | 252  | 2128m    | 0.098 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 23.71 | 252  | 500m     | 0.024 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 24.38 | 252  | 1958     | 0.099 | ng/ul# | 1      |
| 24) Indeno(1,2,3-cd)pyrene | 27.34 | 276  | 1087     | 0.049 | ng/ul# | 59     |
| 26) Benzo(g,h,i)perylene   | 28.24 | 276  | 2376     | 0.126 | ng/ul# | 23     |

SJ 3/16/18

SJ 3/16/18

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

3/16/2018 12:03:17 PM

Sohil

Manual Integrations  
APPROVEDInstrument : BNA\_E  
Client Sampled : F6F08DL

M Fri Mar 16 03:07:51 2018