

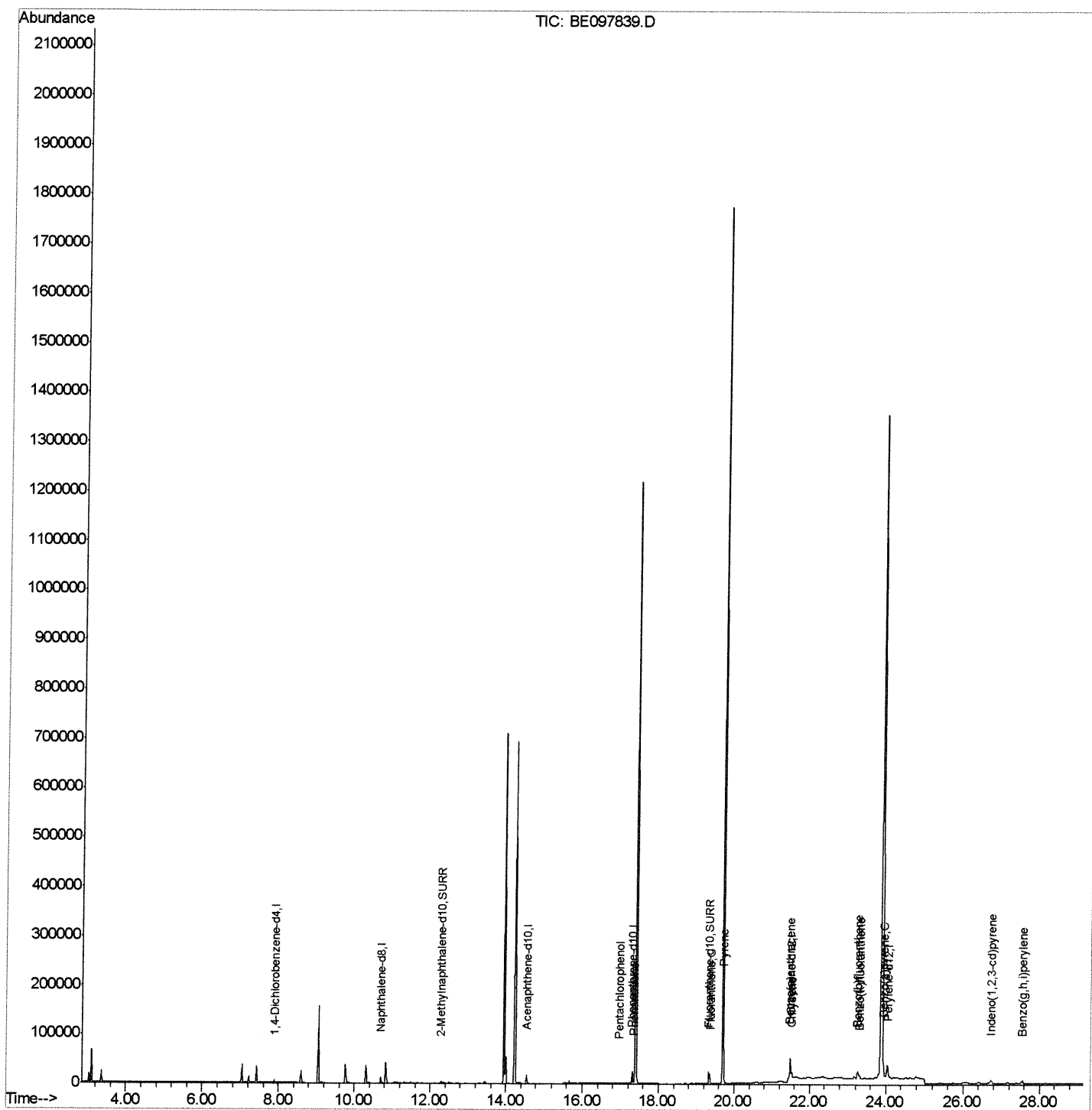
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
Data File : BE097839.D  
Acq On : 10 Oct 2018 22:05  
Operator : SJ/JU  
Sample : J5183-20  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
JLC33

Manual Integrations  
APPROVED

Sohil  
10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:07:11 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 11 01:20:33 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

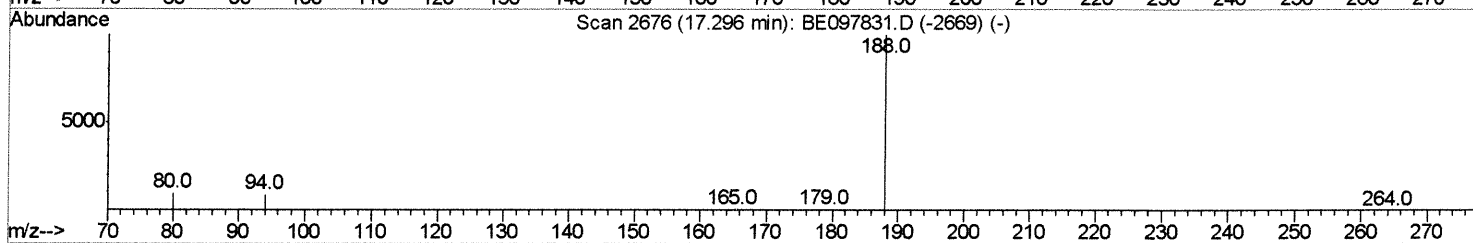
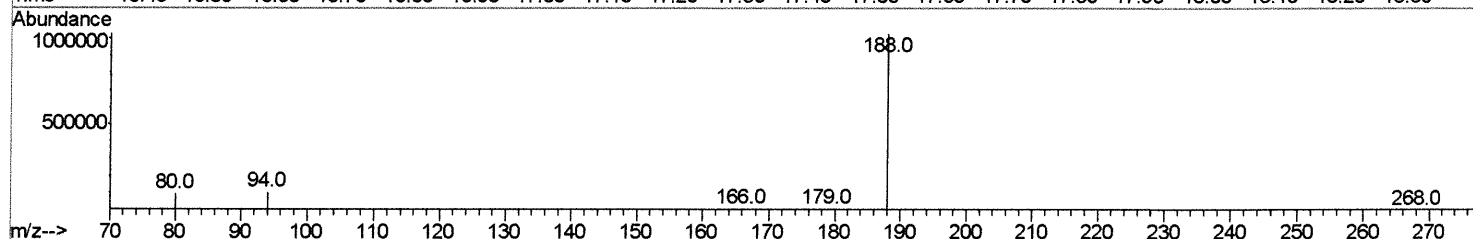
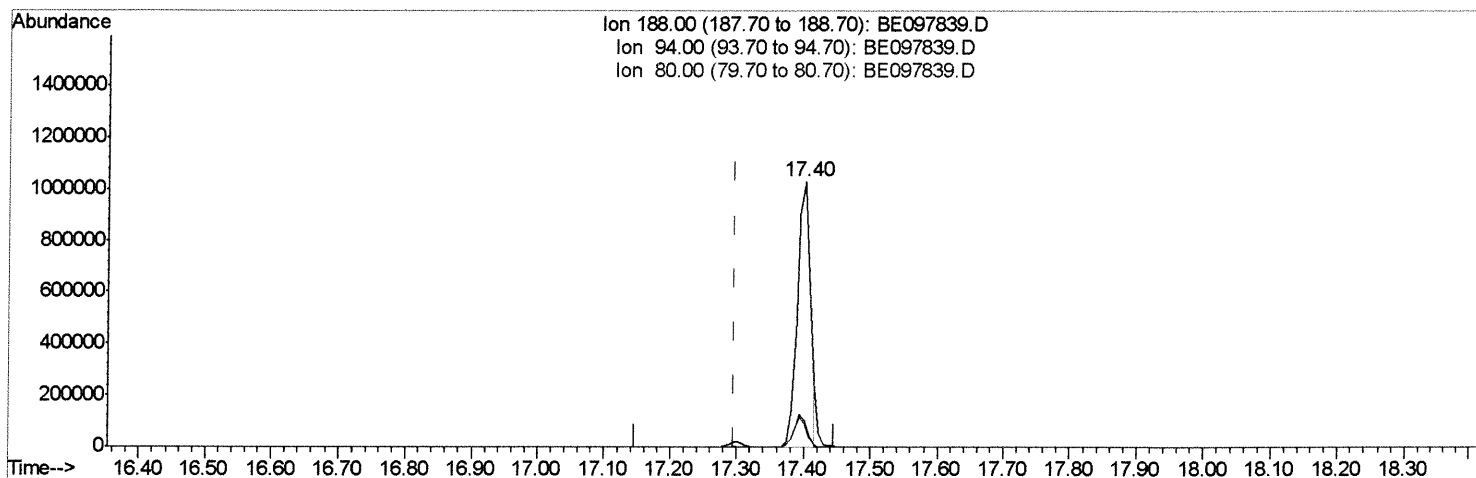
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
Data File : BE097839.D  
Acq On : 10 Oct 2018 22:05  
Operator : SJ/JU  
Sample : J5183-20  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
JLC33

Manual Integrations  
APPROVED

Sohil  
10/11/2018 5:33:45 PM

Quant Time: Oct 11 01:23:44 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 11 01:20:33 2018  
Response via : Initial Calibration



TIC: BE097839.D

(10) Phenanthrene-d10 (I)

17.401min (+0.105) 0.40ng/ul

response 1448218

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.60 | 9.87 |
| 80.00  | 9.30 | 8.66 |
| 0.00   | 0.00 | 0.00 |

# Quantitation Report (Qedit)

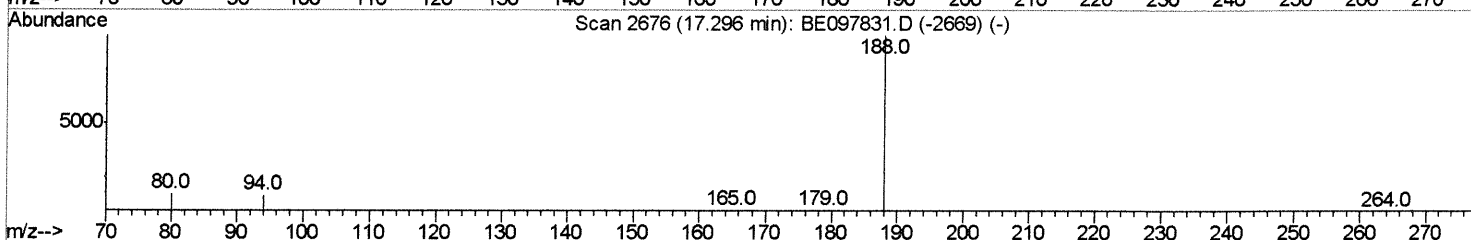
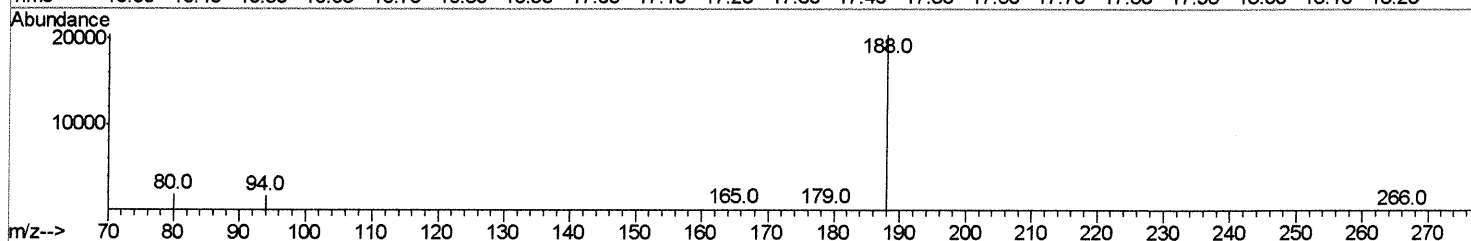
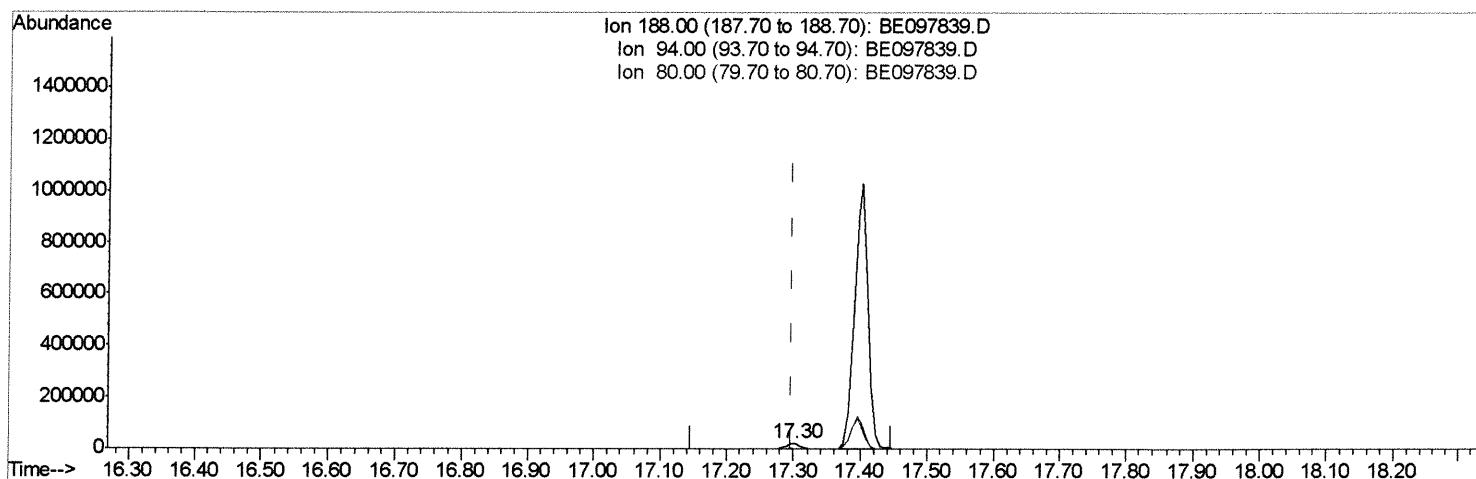
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 01:23:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(10) Phenanthrene-d10 (I)

17.303min (+0.006) 0.40ng/ul m) > SJ 10/16/18

response 30109

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.60 | 8.53 |
| 80.00  | 9.30 | 8.96 |
| 0.00   | 0.00 | 0.00 |

## Quantitation Report (Qedit)

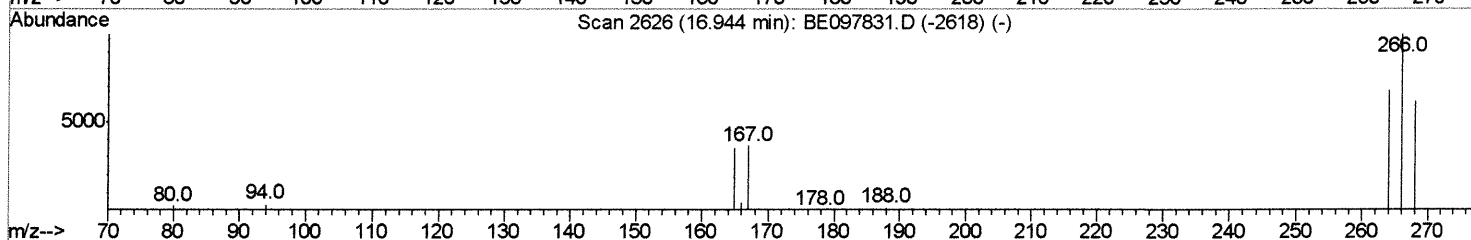
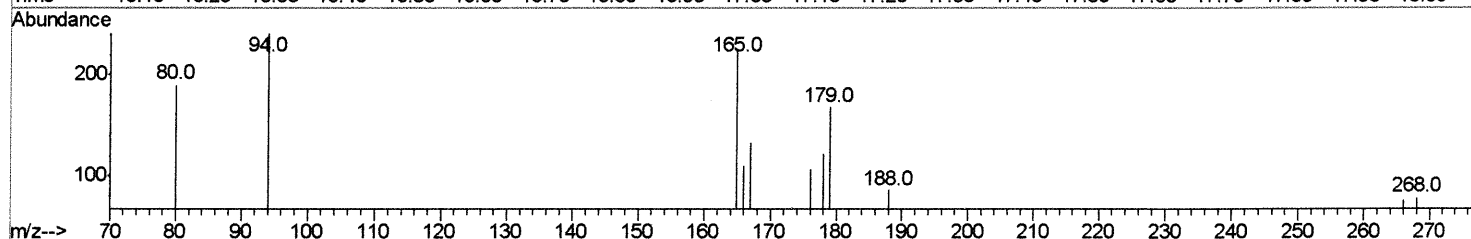
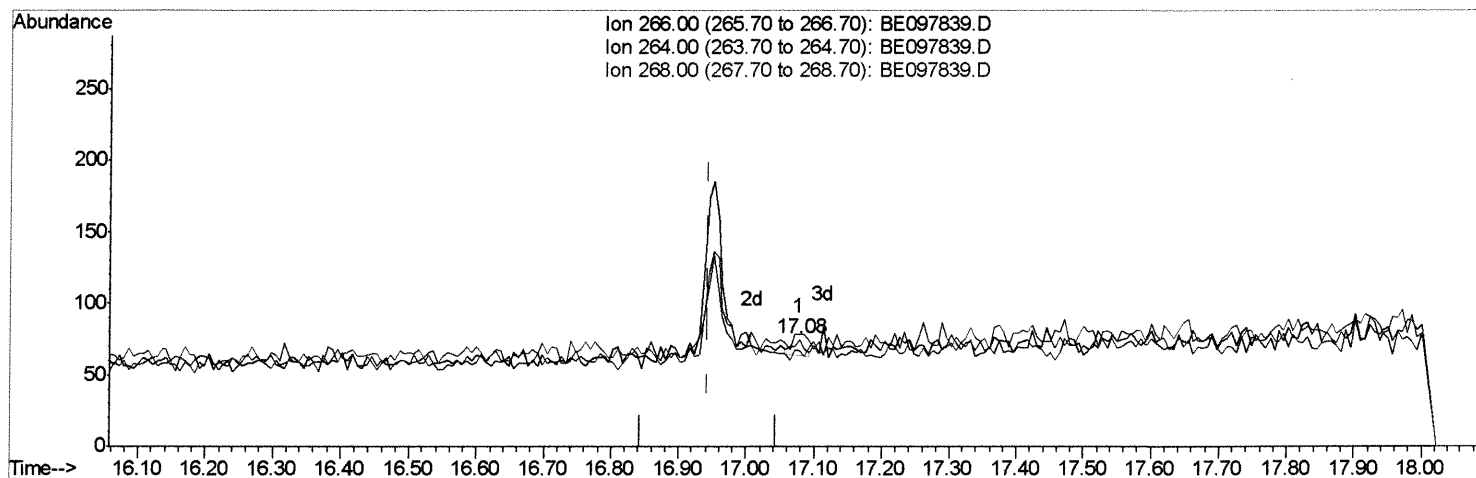
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
Data File : BE097839.D  
Acq On : 10 Oct 2018 22:05  
Operator : SJ/JU  
Sample : J5183-20  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
JLC33

Manual Integrations  
APPROVED

Sohil  
10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:00:30 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 11 01:20:33 2018  
Response via : Initial Calibration



TIC: BE097839.D

(11) Pentachlorophenol

17.077min (+0.133) 0.00ng/ul

response 12

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 266.00 | 100   | 100     |
| 264.00 | 62.30 | 0.00#   |
| 268.00 | 60.50 | 225.00# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

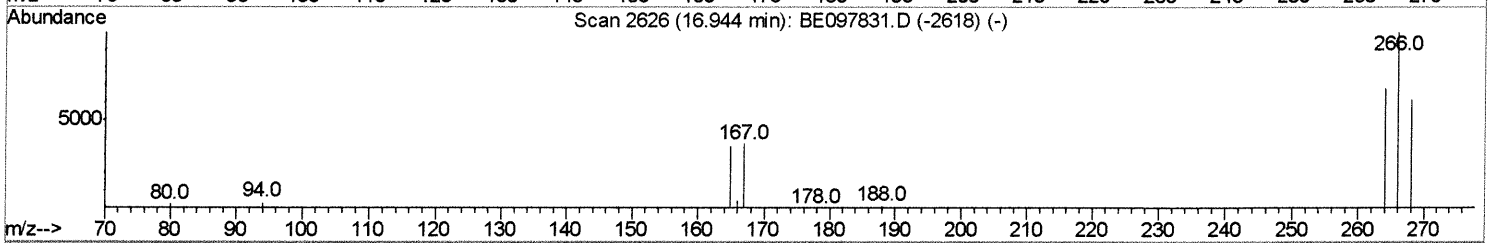
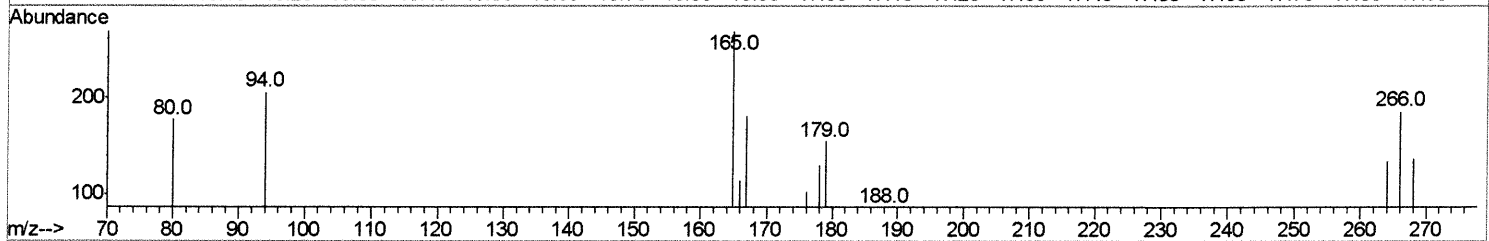
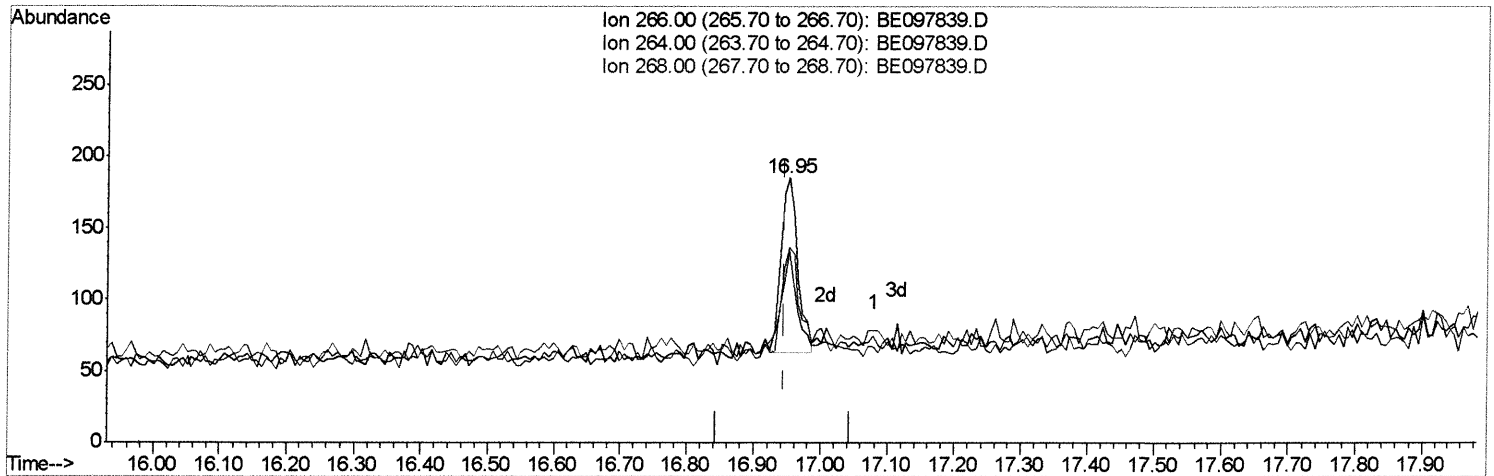
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:00:30 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(11) Pentachlorophenol

16.951min (+0.006) 0.08ng/ul m> SJ 10/16/18

response 215

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 266.00 | 100   | 100    |
| 264.00 | 62.30 | 0.00#  |
| 268.00 | 60.50 | 12.56# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

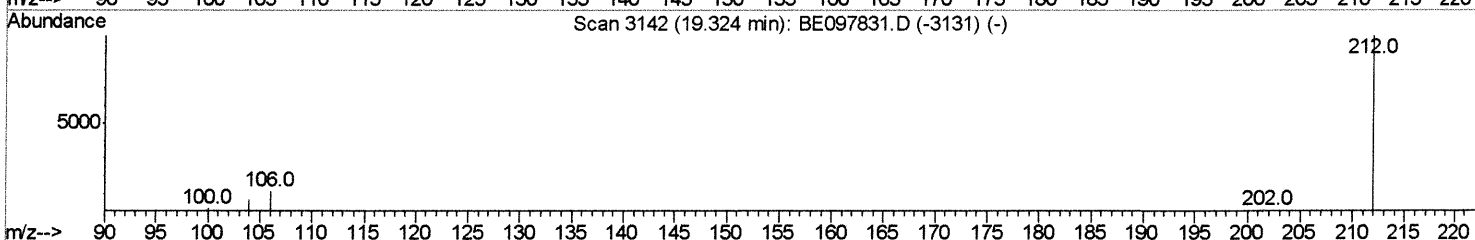
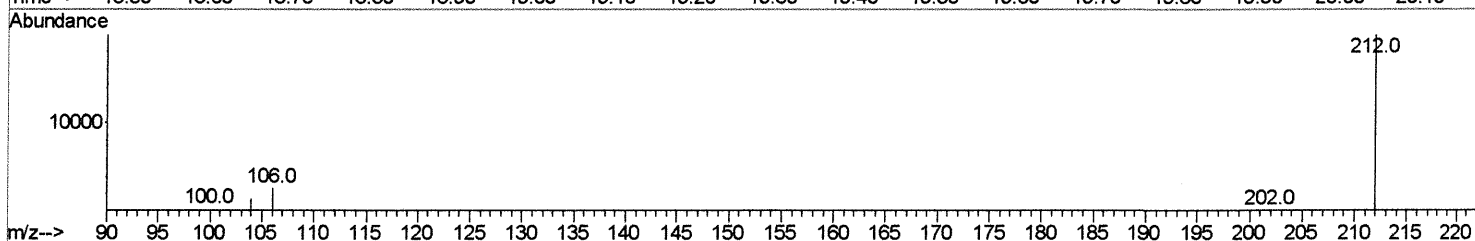
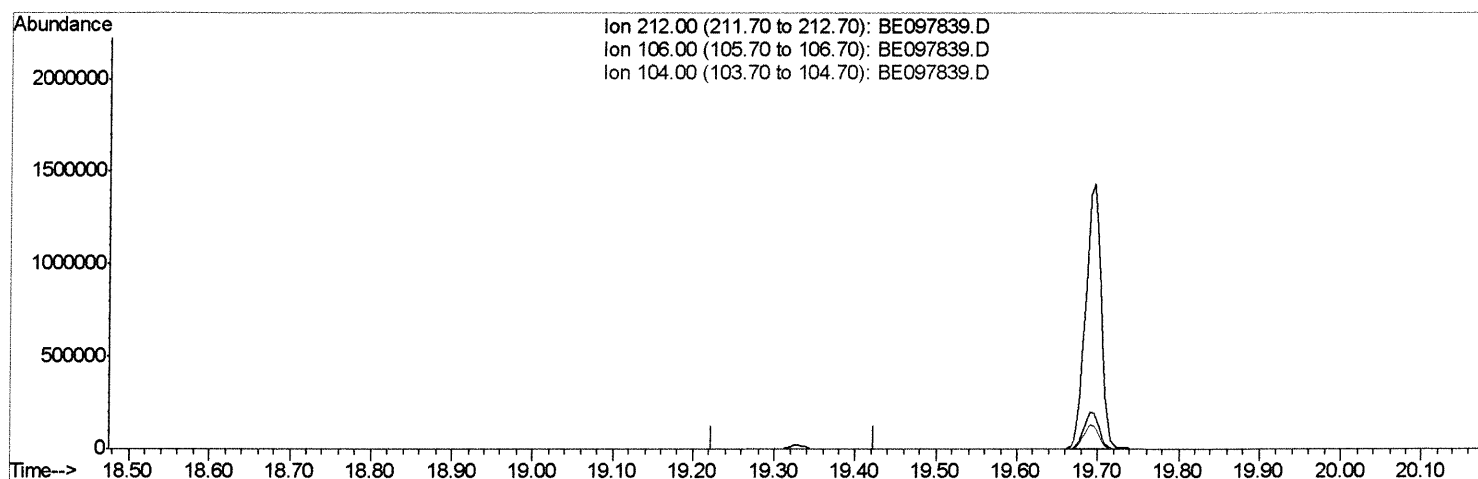
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
Data File : BE097839.D  
Acq On : 10 Oct 2018 22:05  
Operator : SJ/JU  
Sample : J5183-20  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
JLC33

Manual Integrations  
APPROVED

Sohil  
10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:00:30 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 11 01:20:33 2018  
Response via : Initial Calibration



TIC: BE097839.D

(14) Fluoranthene-d10 (SURR)

19.324min (-19.324) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 10.20 | 0.00# |
| 104.00 | 5.80  | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

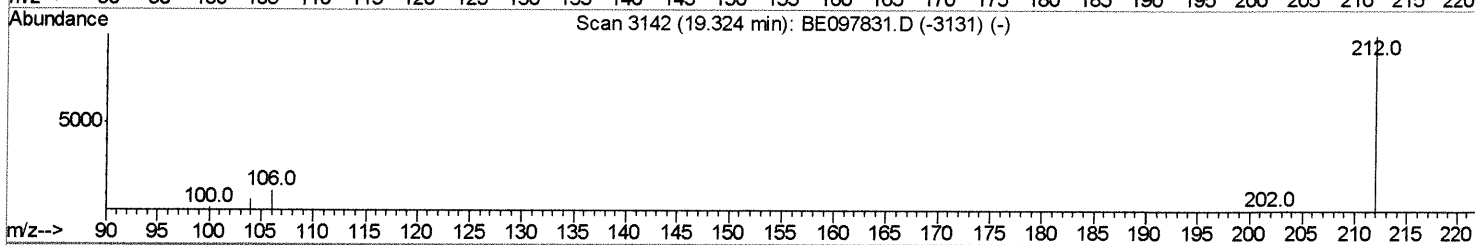
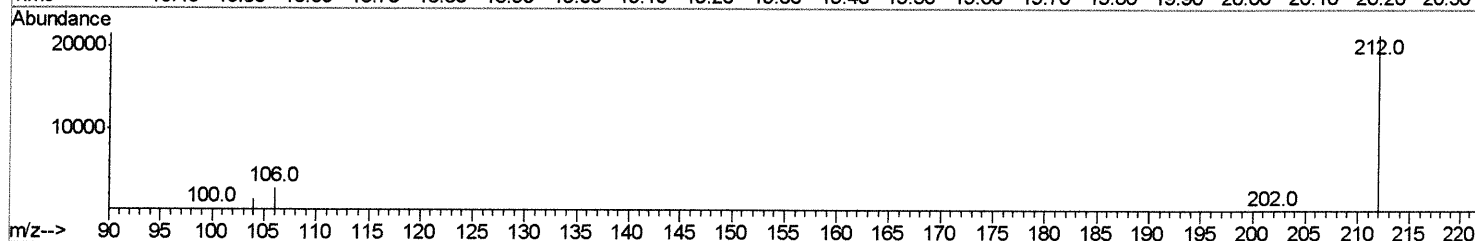
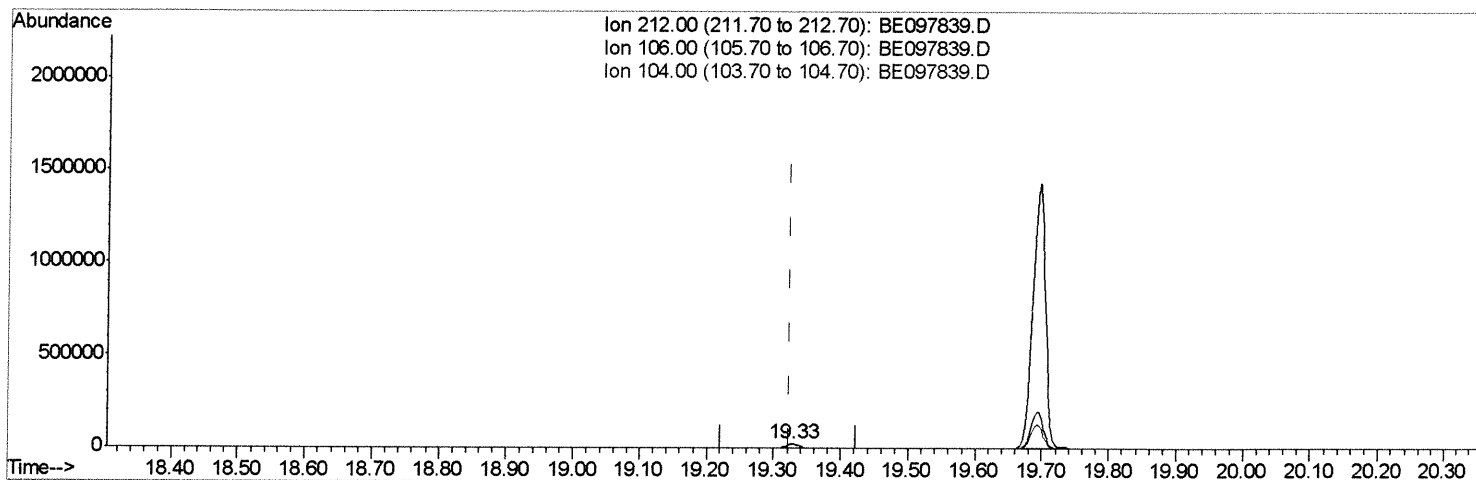
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:00:30 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(14) Fluoranthene-d10 (SURR)

19.327min (+0.004) 0.29ng/ul m> SJ 10/16/18

response 28664

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 10.20 | 0.00# |
| 104.00 | 5.80  | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

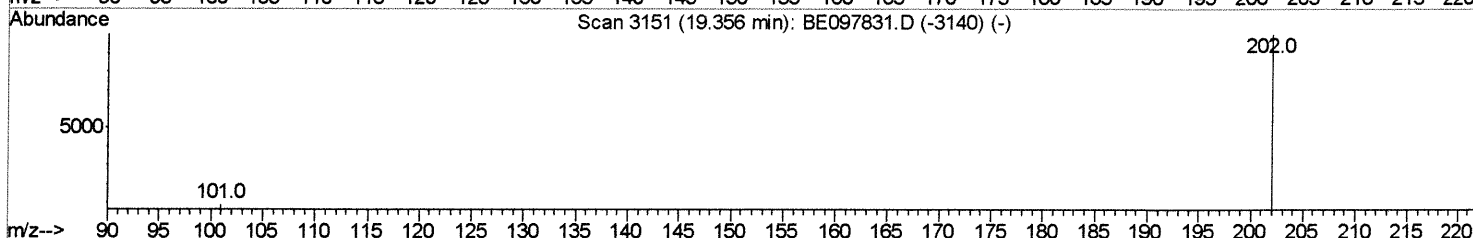
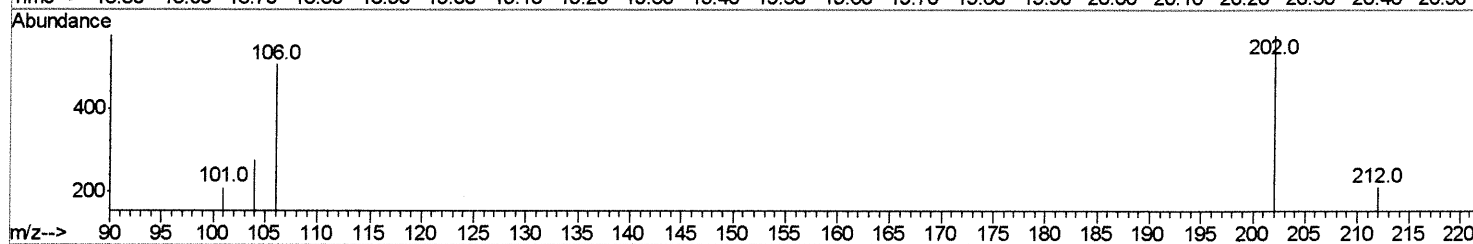
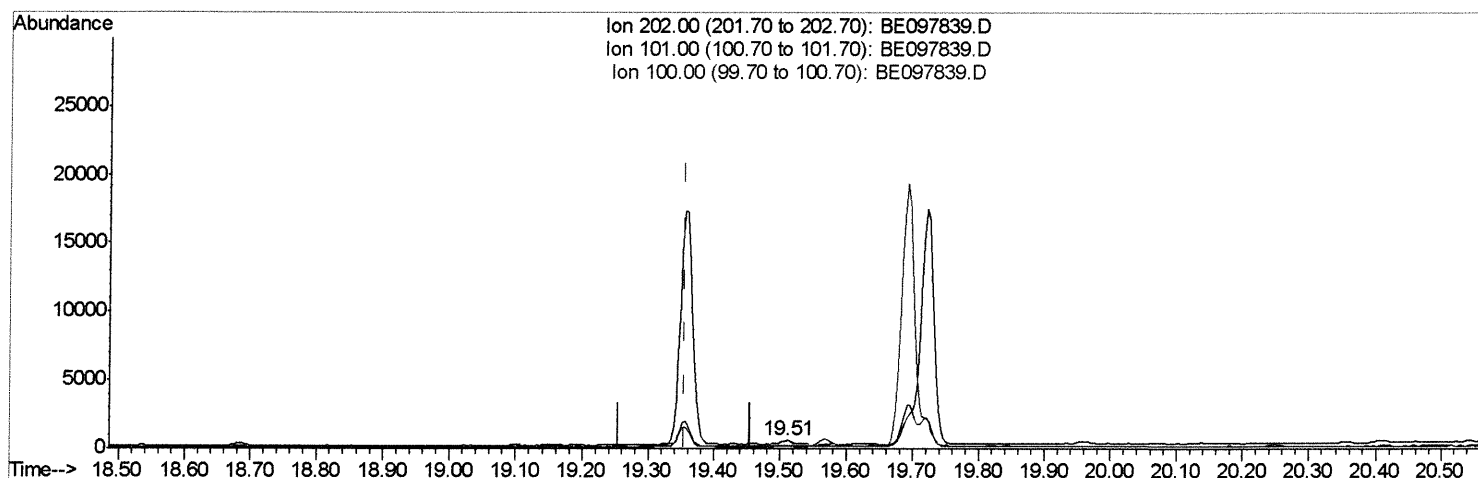
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:01:58 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(15) Fluoranthene (C)

19.509min (+0.153) 0.00ng/ul

response 467

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 202.00 | 100  | 100    |
| 101.00 | 9.30 | 36.17# |
| 100.00 | 7.50 | 26.61  |
| 0.00   | 0.00 | 0.00   |

# Quantitation Report (Qedit)

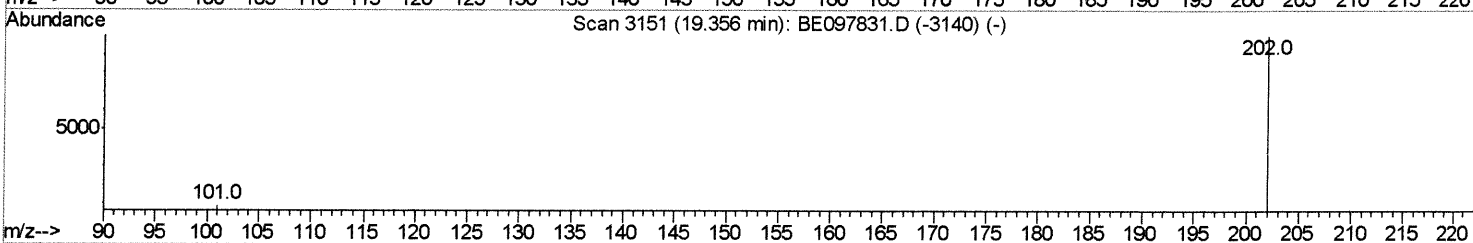
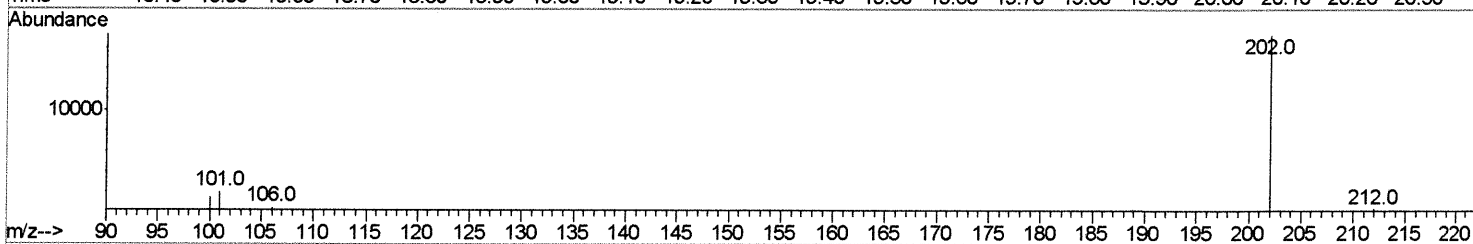
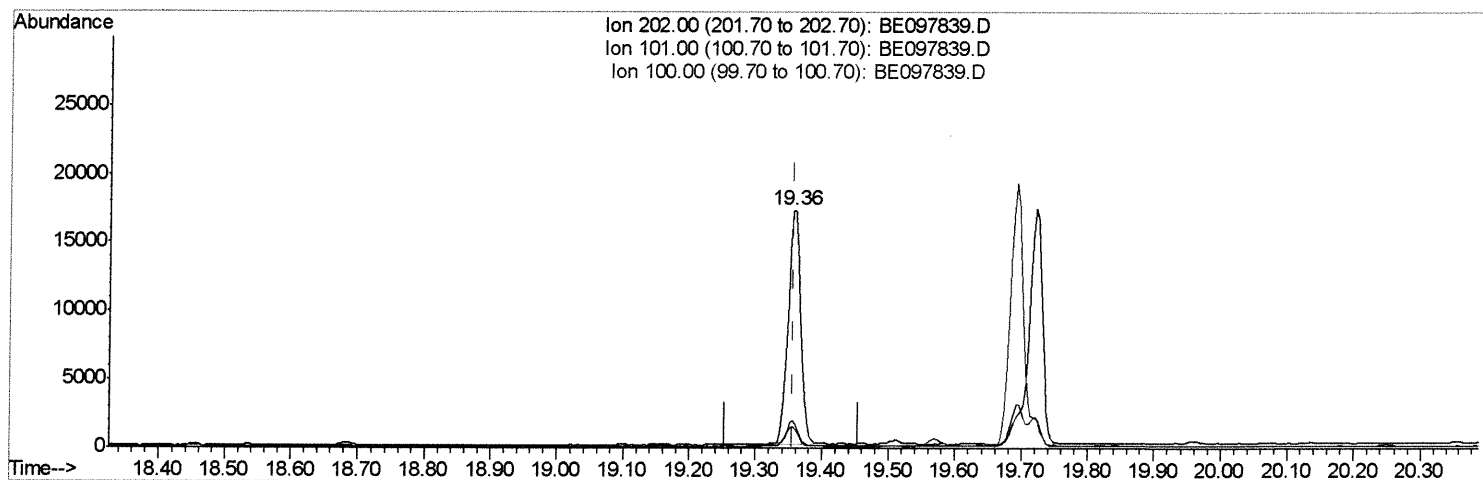
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:01:58 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(15) Fluoranthene (C)

19.356min (-0.000) 0.24ng/ul m> SJ 10/16/18

response 22447

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 202.00 | 100  | 100   |
| 101.00 | 9.30 | 11.59 |
| 100.00 | 7.50 | 9.00  |
| 0.00   | 0.00 | 0.00  |

# Quantitation Report (Qedit)

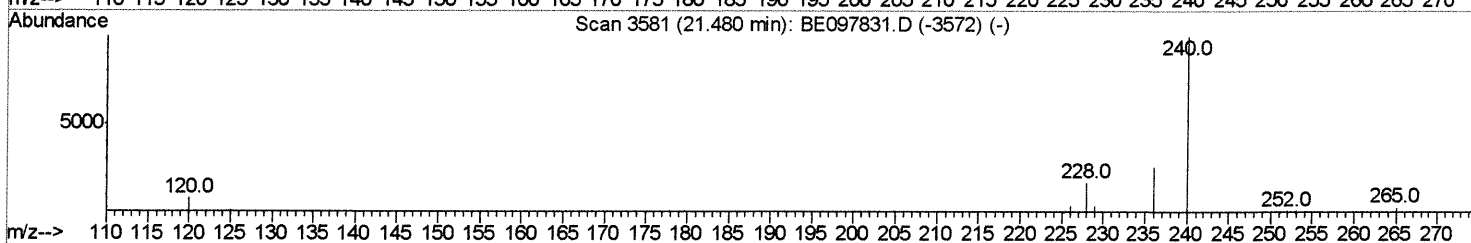
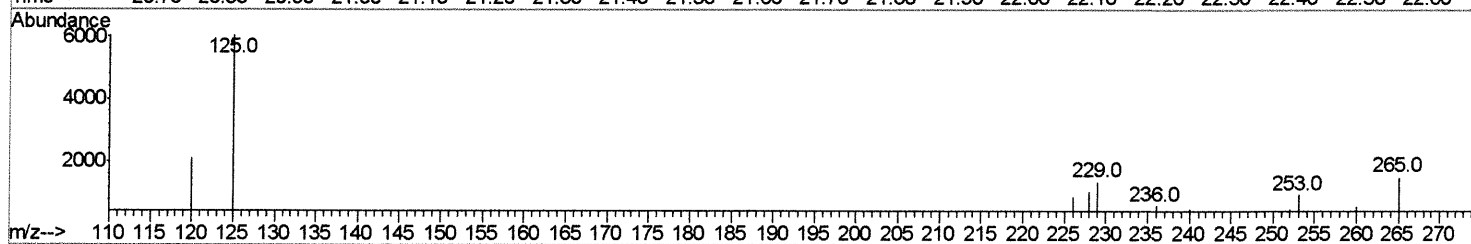
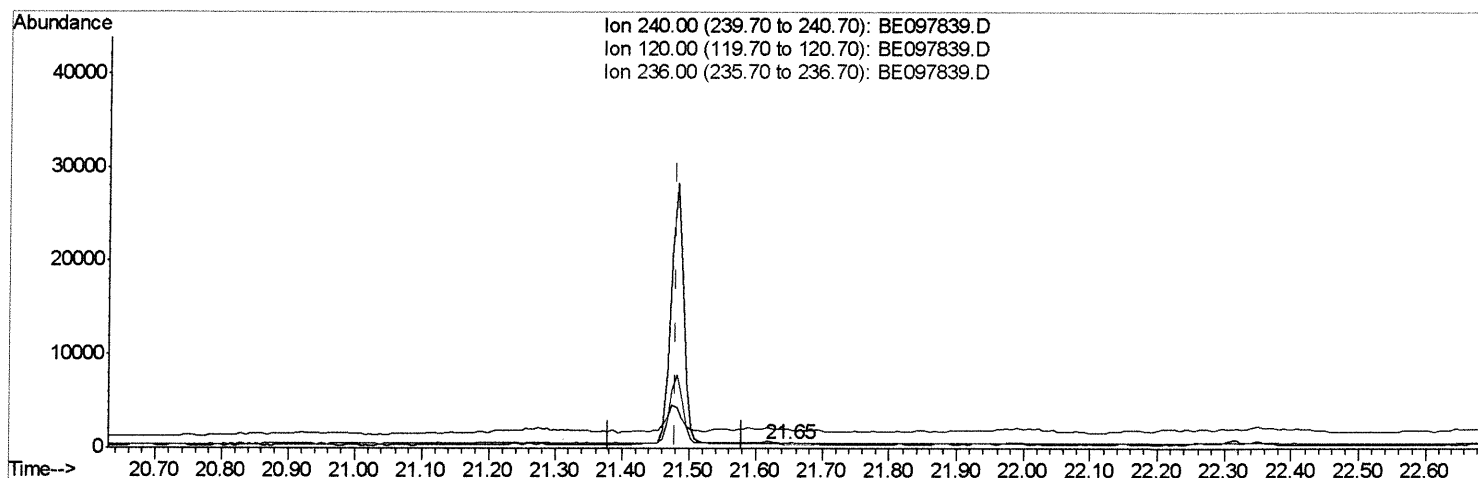
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:01:58 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(16) Chrysene-d12 (I)

21.649min (+0.169) 0.40ng/ul

response 85

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 10.70 | 422.44# |
| 236.00 | 27.00 | 120.64# |
| 0.00   | 0.00  | 0.00    |

## Quantitation Report (Qedit)

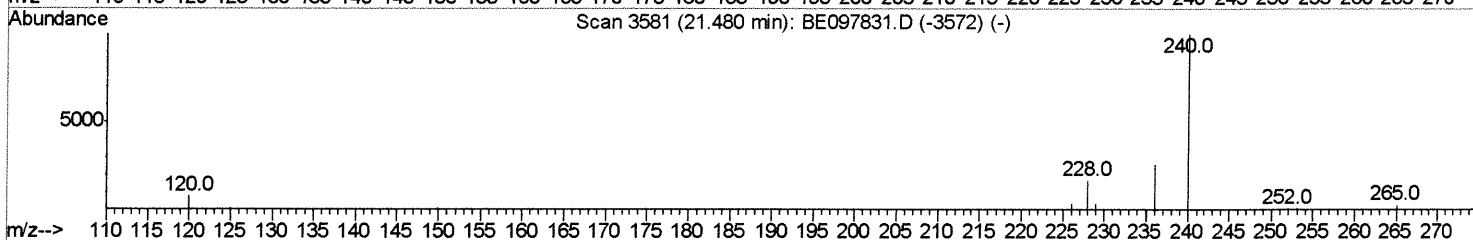
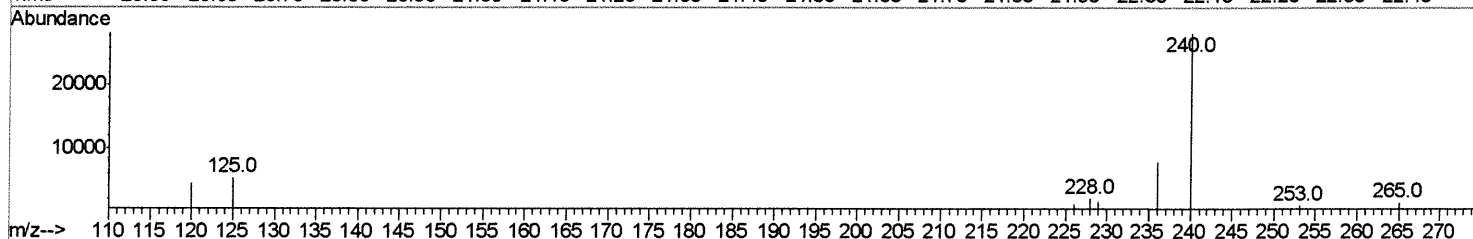
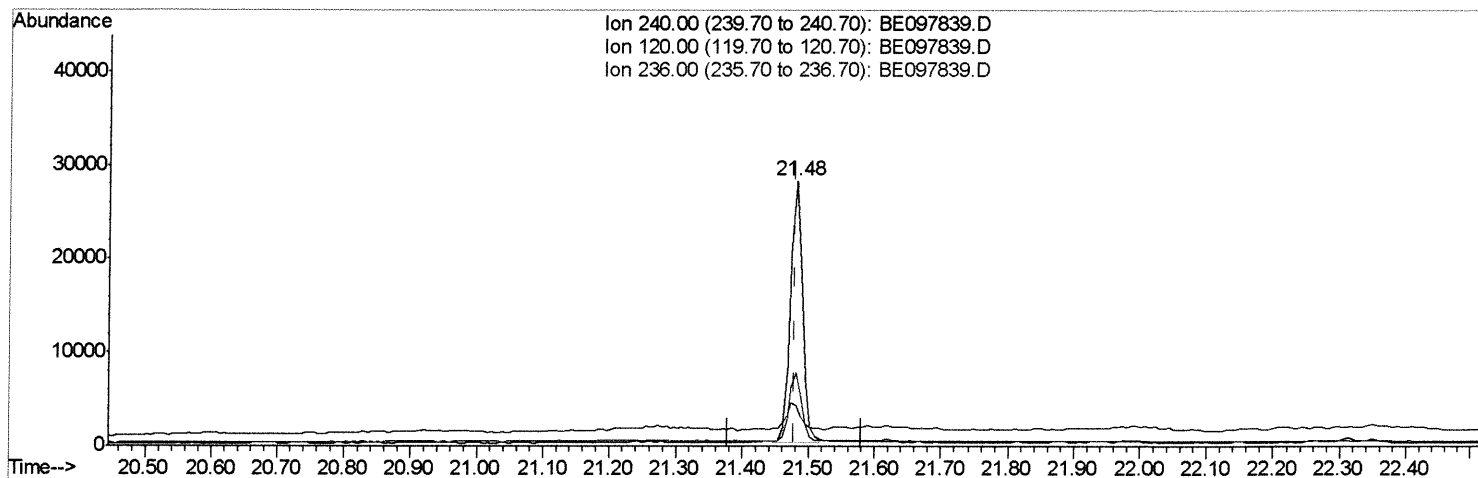
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
Data File : BE097839.D  
Acq On : 10 Oct 2018 22:05  
Operator : SJ/JU  
Sample : J5183-20  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
JLC33

Manual Integrations  
APPROVED

Sohil  
10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:01:58 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 11 01:20:33 2018  
Response via : Initial Calibration



TIC: BE097839.D

(16) Chrysene-d12 (I)

21.481min (+0.001) 0.40ng/ul m &gt; SJ 10/16/18

response 35963

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 10.70 | 15.35# |
| 236.00 | 27.00 | 27.90  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

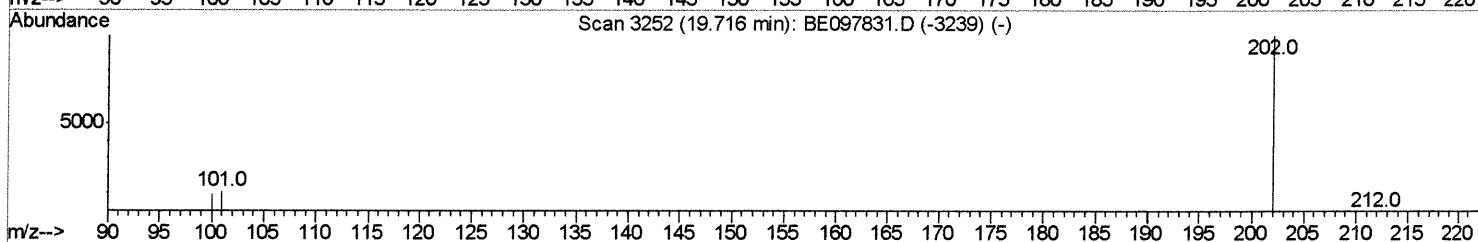
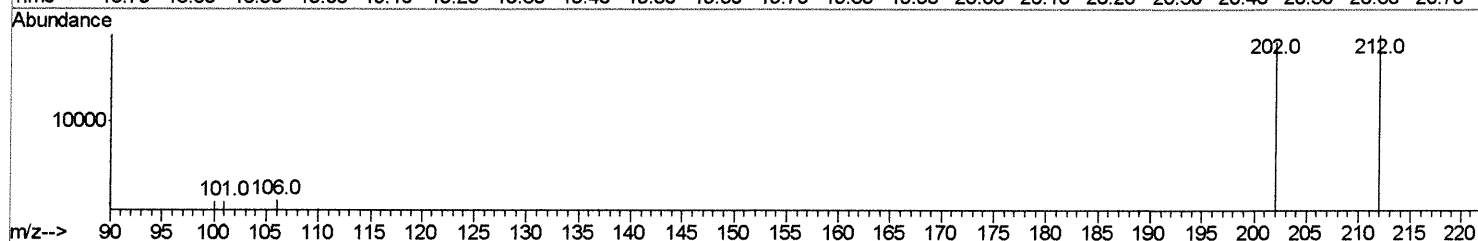
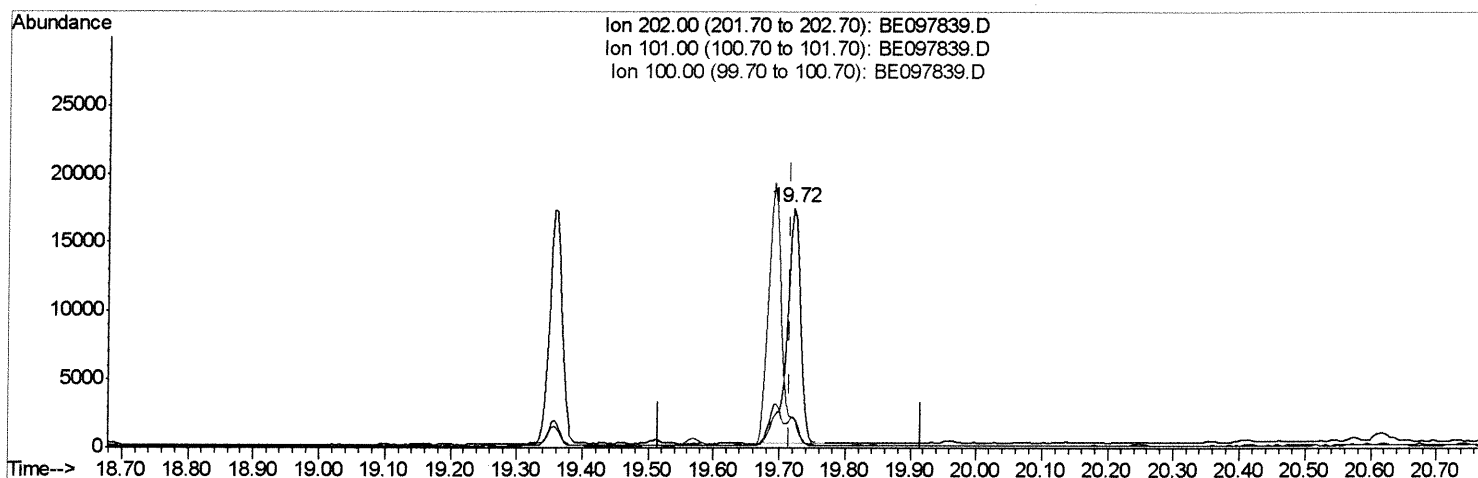
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:04:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(17) Pyrene

19.720min (+0.004) 0.28ng/ul

response 24673

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 11.00 | 12.97  |
| 100.00 | 9.90  | 12.71# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

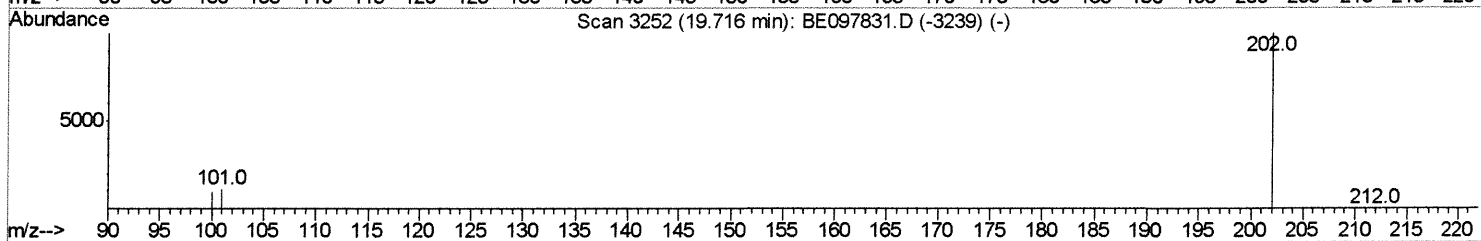
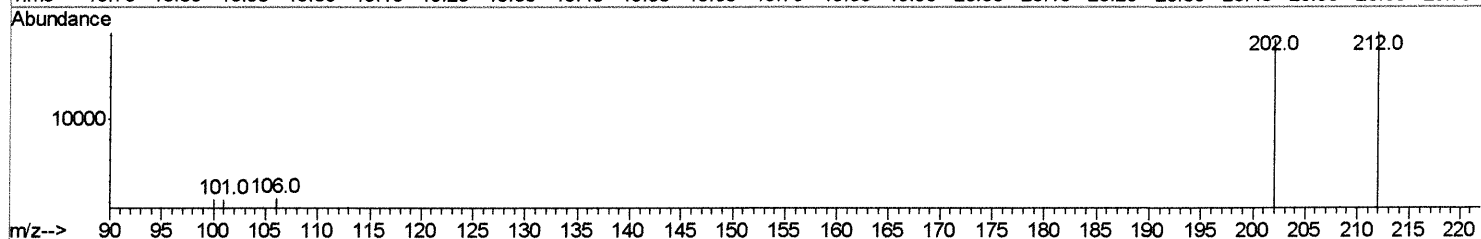
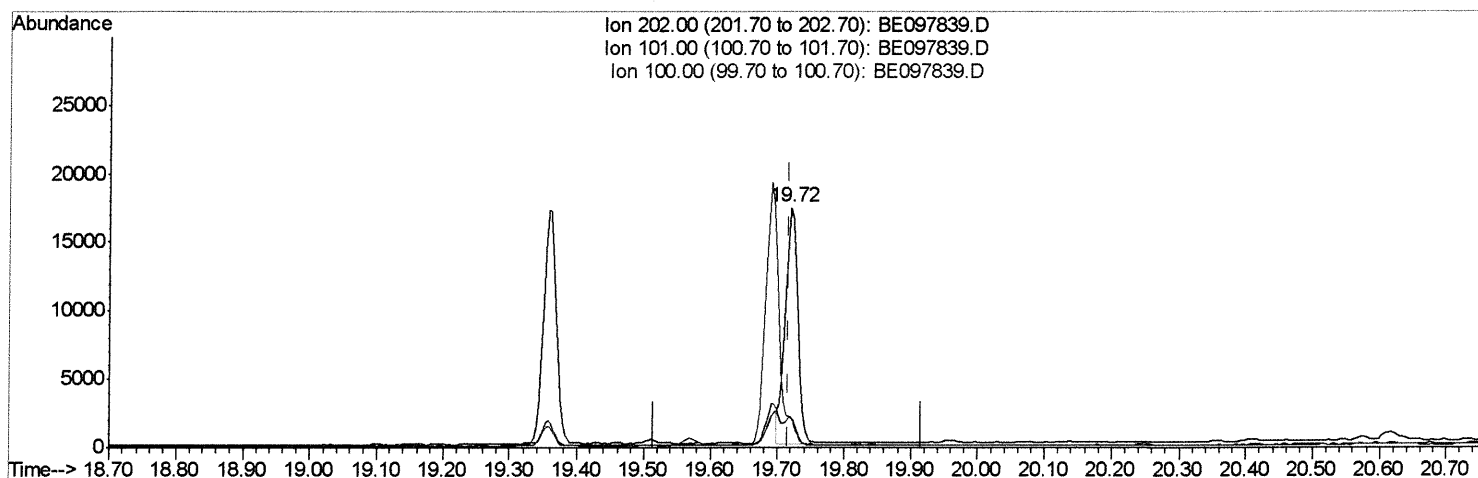
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:04:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(17) Pyrene

19.720min (+0.004) 0.26ng/ul m > SJ 10/16/18

response 22687

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 11.00 | 12.97  |
| 100.00 | 9.90  | 12.71# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

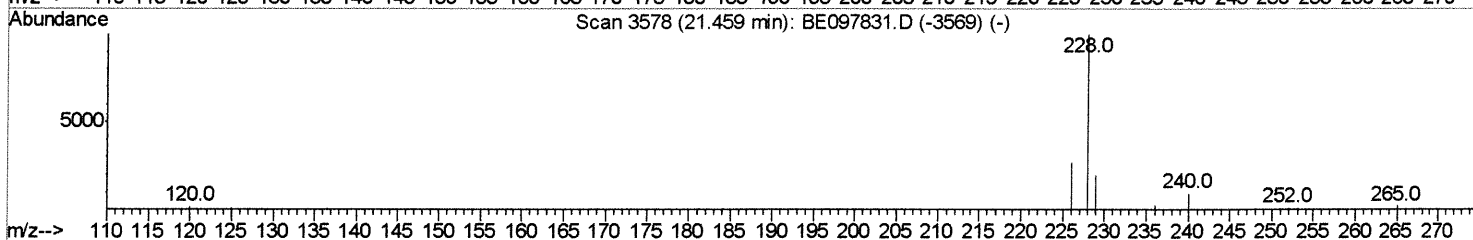
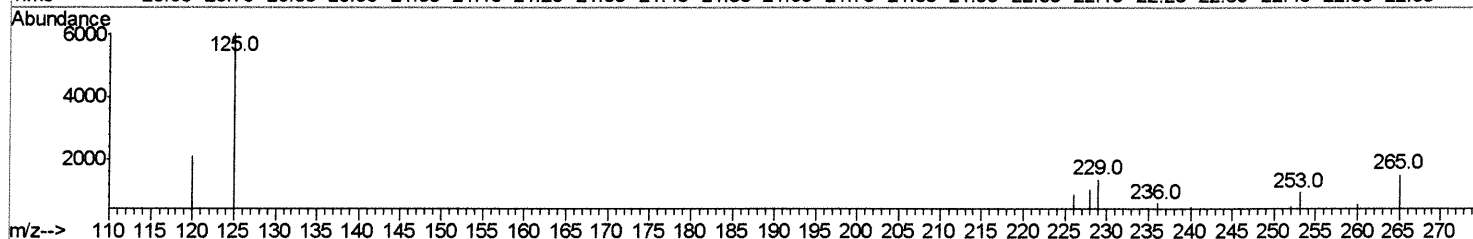
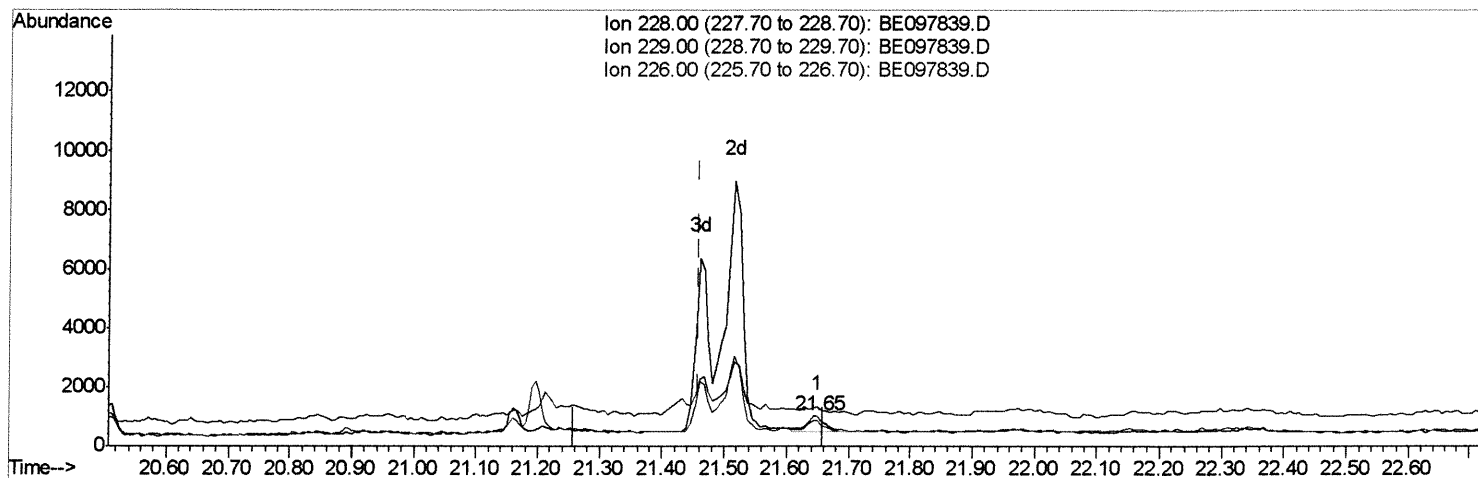
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
Data File : BE097839.D  
Acq On : 10 Oct 2018 22:05  
Operator : SJ/JU  
Sample : J5183-20  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
JLC33

Manual Integrations  
APPROVED

Sohil  
10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:04:41 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 11 01:20:33 2018  
Response via : Initial Calibration



TIC: BE097839.D

(18) Benzo(a)anthracene

21.649min (+0.190) 0.01ng/ul

response 1169

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 228.00 | 100   | 100     |
| 229.00 | 20.50 | 129.75# |
| 226.00 | 26.90 | 86.63#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

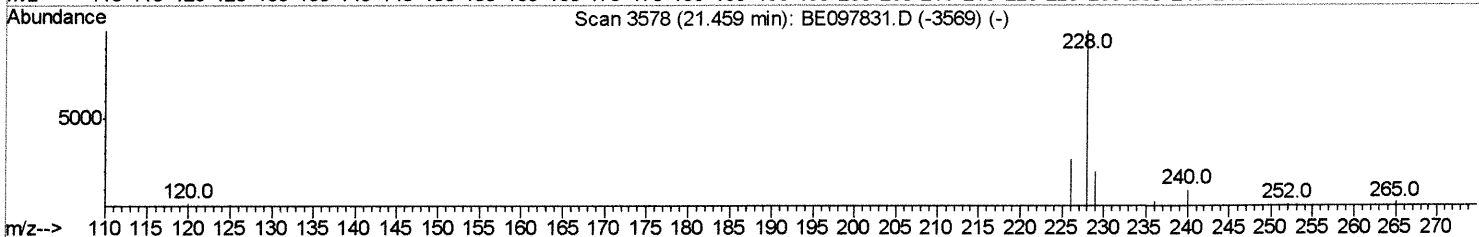
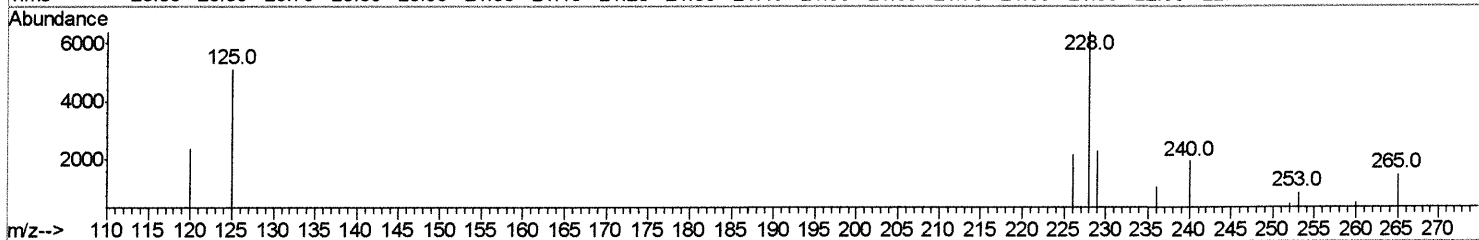
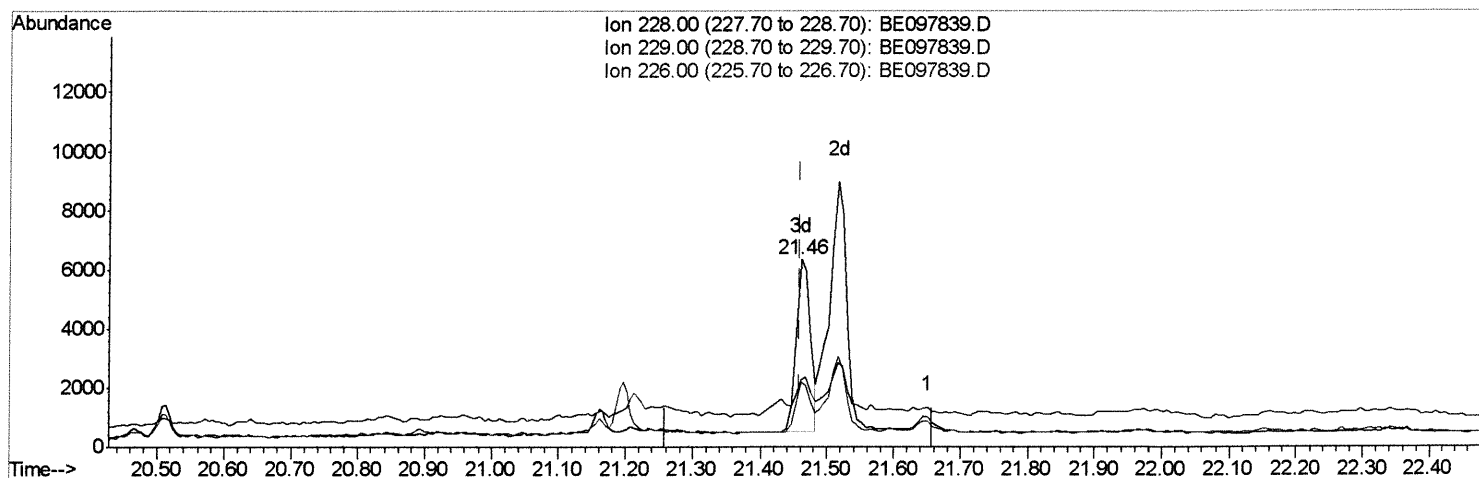
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:04:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.460min (+0.001) 0.08ng/ul m > SJ 10/16/18

response 8483

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 20.50 | 36.10# |
| 226.00 | 26.90 | 34.53# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

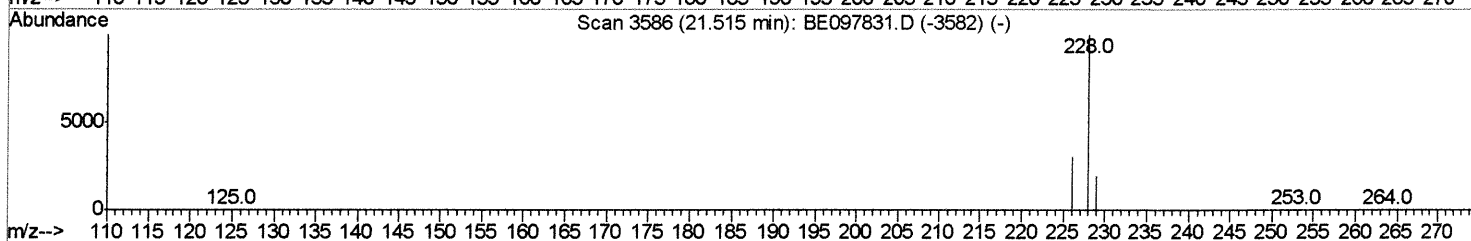
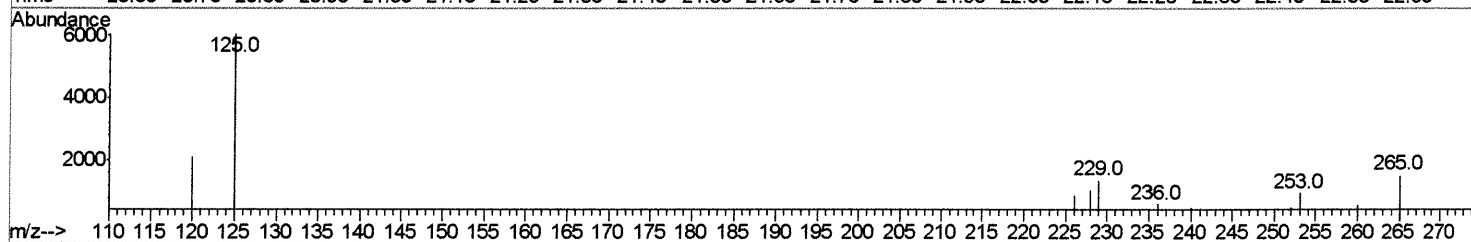
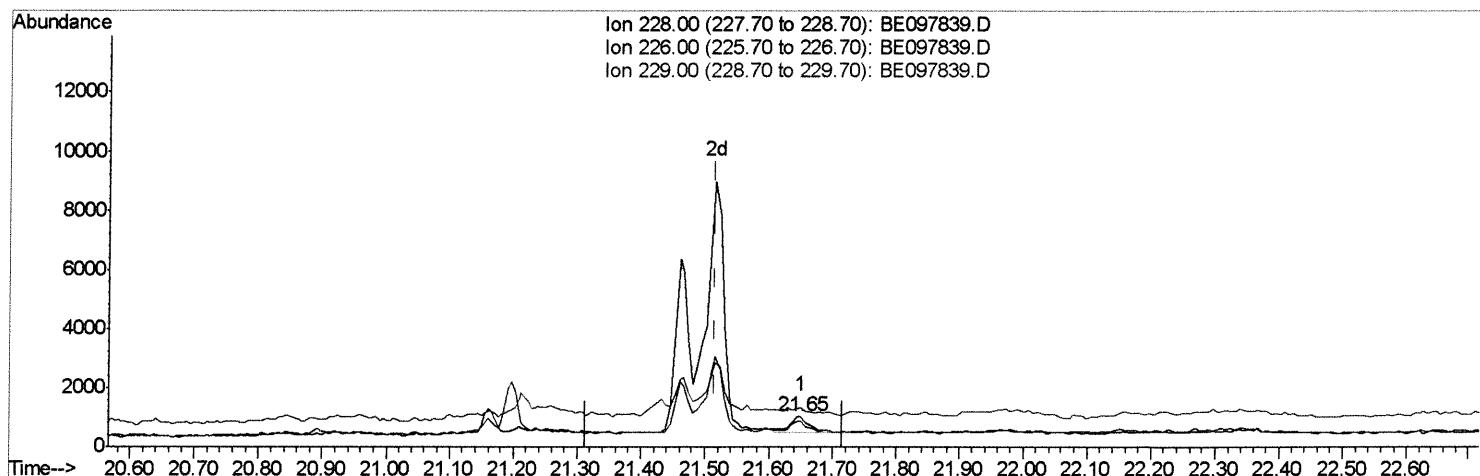
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:04:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(19) Chrysene

21.649min (+0.134) 0.01ng/ul

response 1169

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 228.00 | 100   | 100     |
| 226.00 | 28.70 | 86.63#  |
| 229.00 | 19.40 | 129.75# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

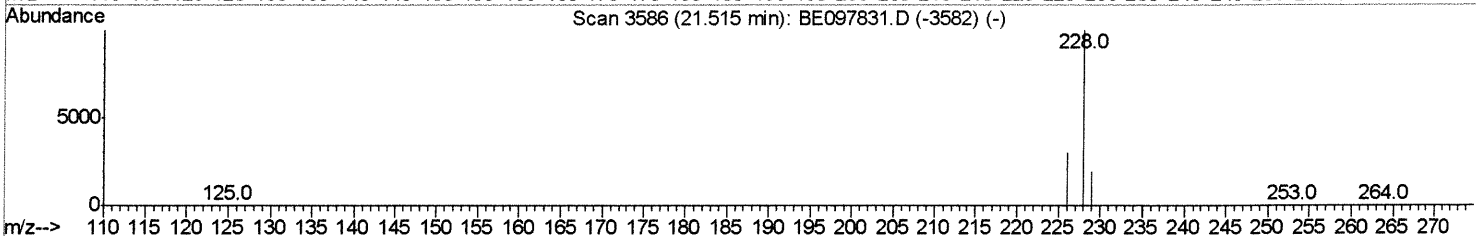
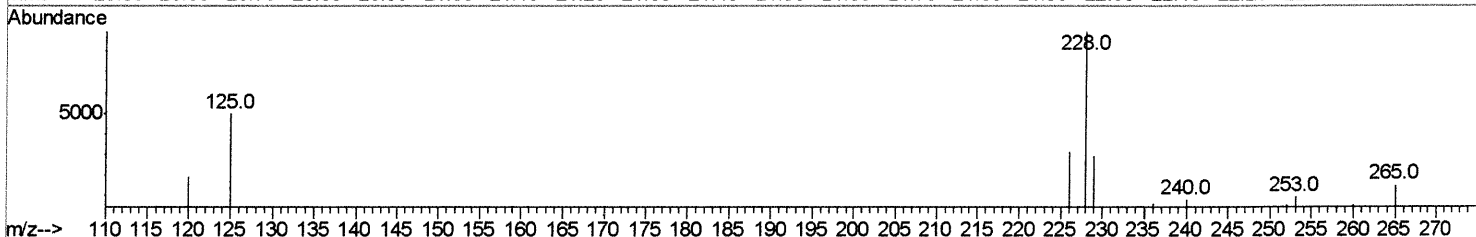
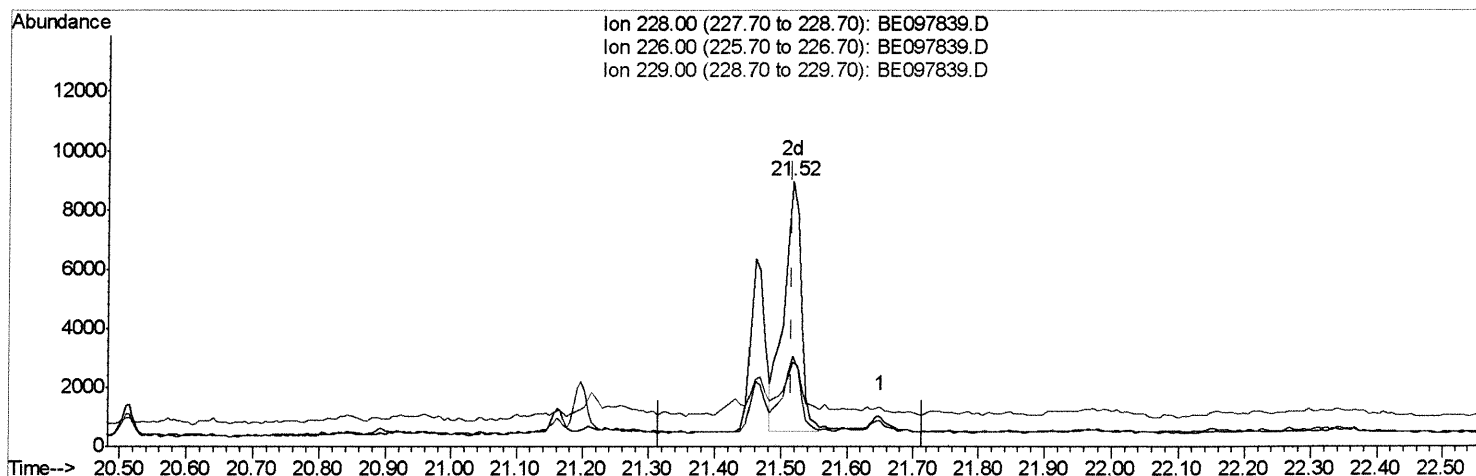
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:04:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(19) Chrysene

21.516min (+0.001) 0.16ng/ul m > SJ 10/16/18

response 15333

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 28.70 | 34.32  |
| 229.00 | 19.40 | 31.98# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

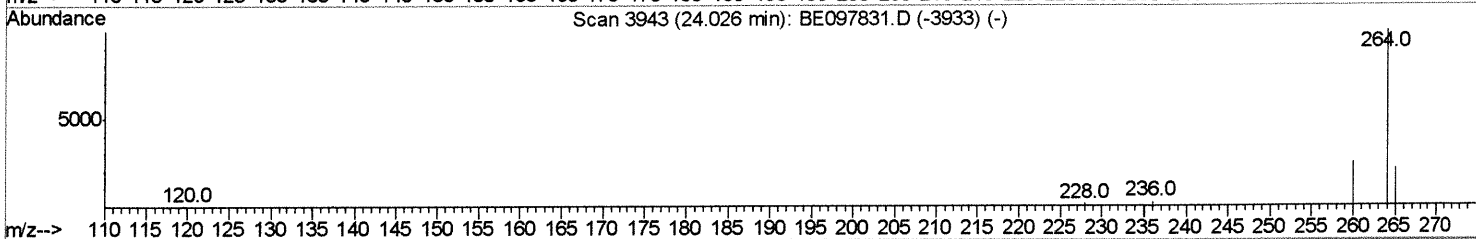
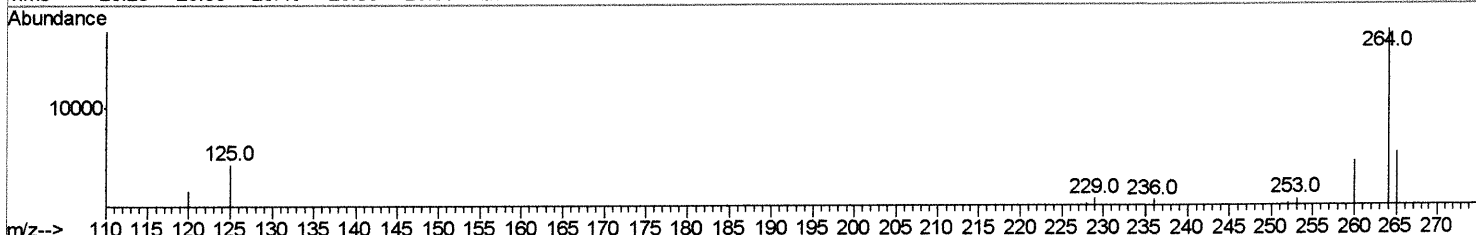
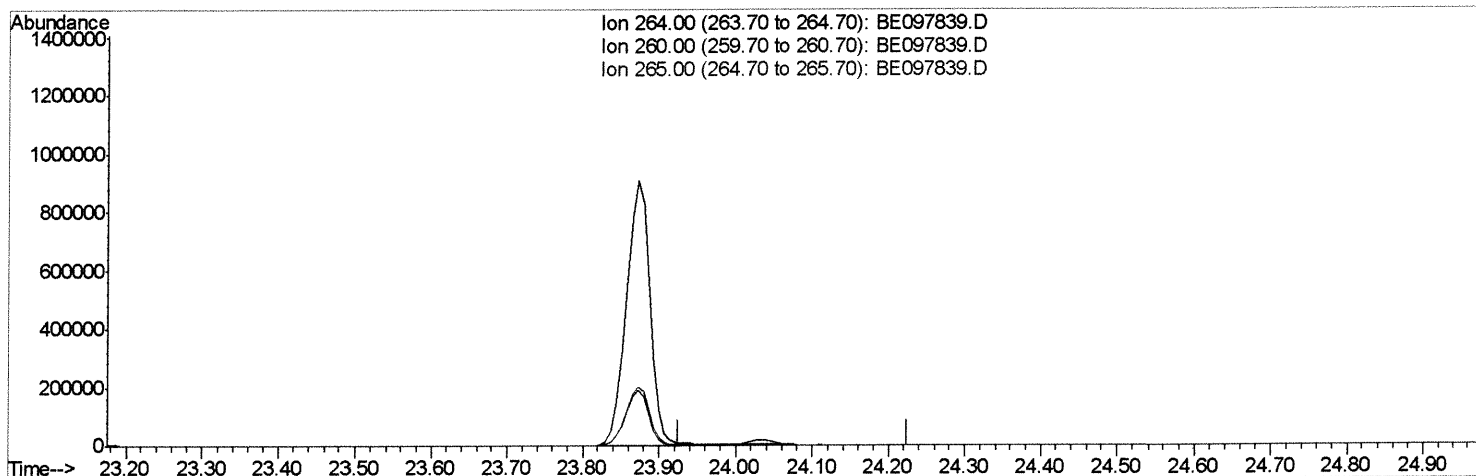
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:04:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(20) Perylene-d12 (I)

24.026min (-24.026) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 0.00  |
| 260.00 | 25.40 | 0.00# |
| 265.00 | 26.90 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

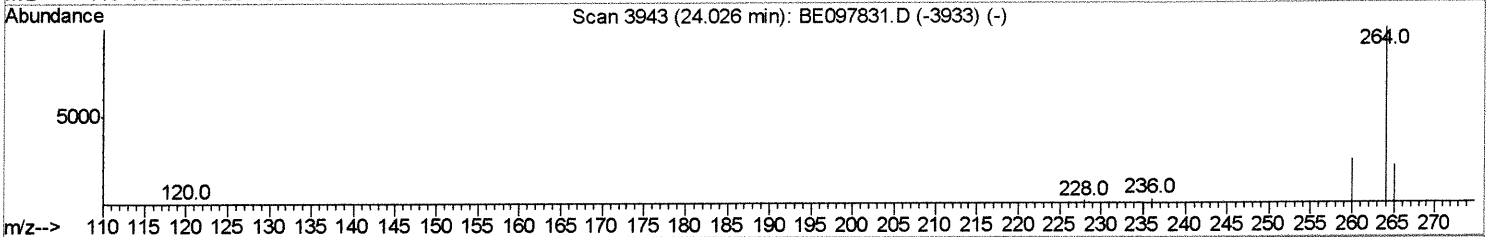
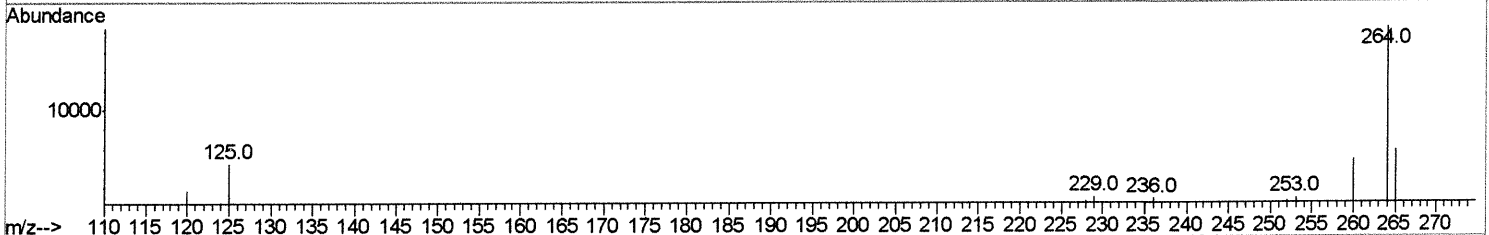
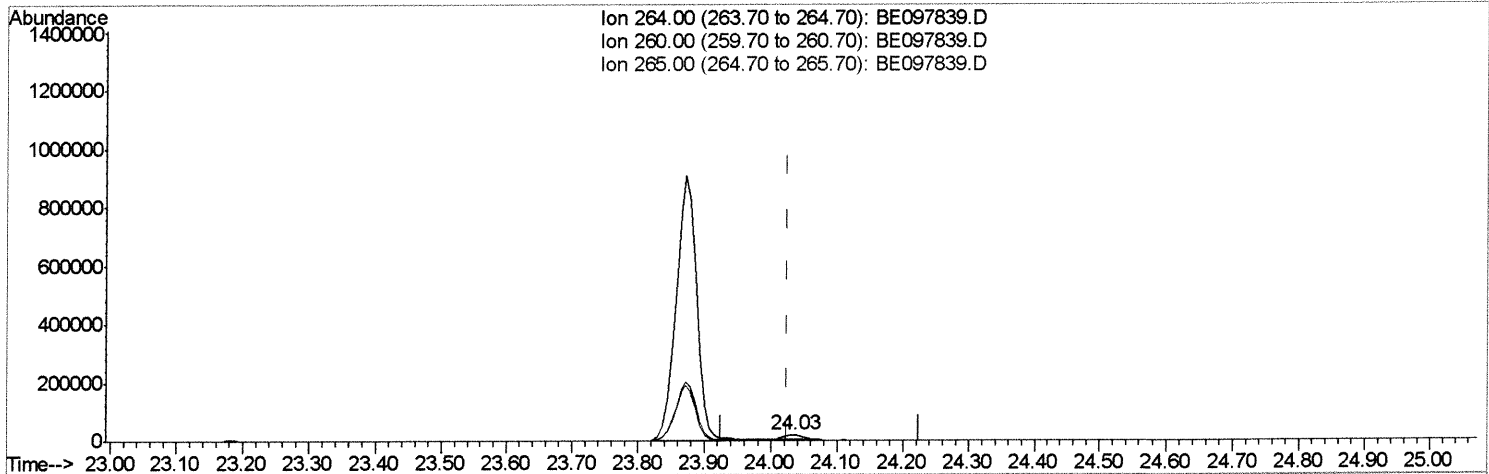
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:04:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(20) Perylene-d12 (I)

24.033min (+0.008) 0.40ng/ul m> SJ 10/16/18

response 32839

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 25.40 | 26.06 |
| 265.00 | 26.90 | 31.34 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

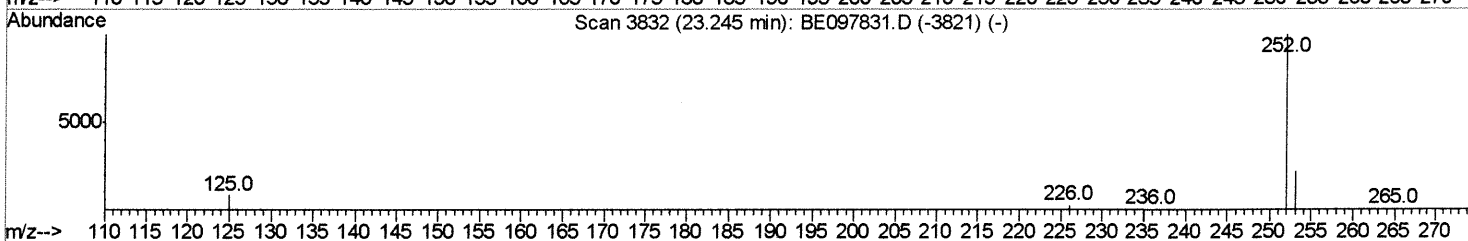
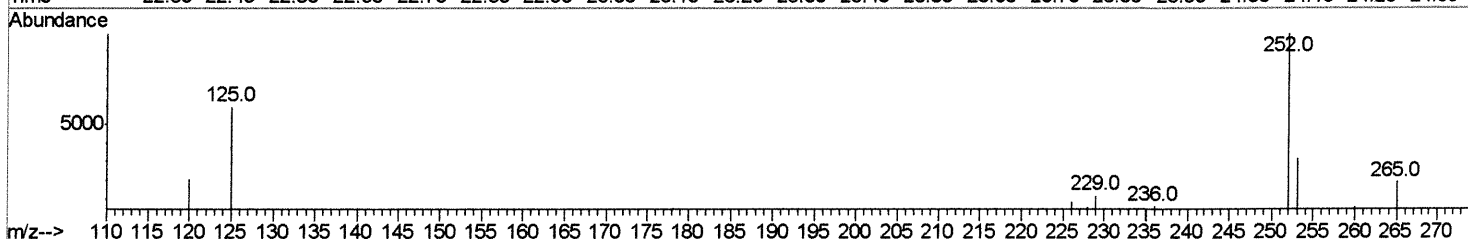
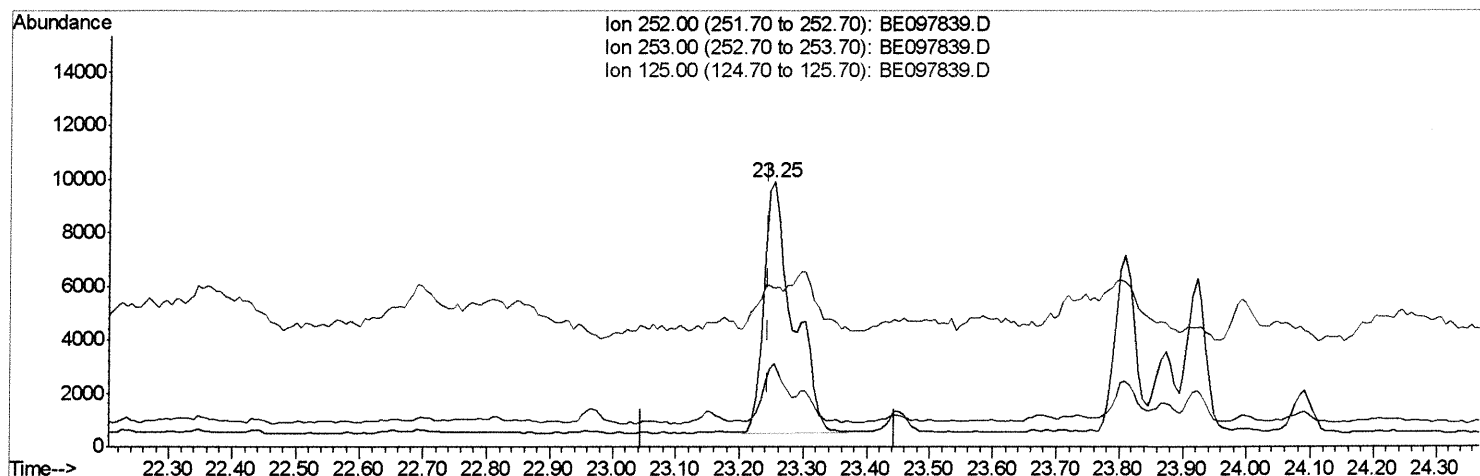
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:06:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(21) Benzo(b)fluoranthene  
 23.253min (+0.008) 0.36ng/ul  
 response 30249  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.50 | 31.49  |
| 125.00 | 9.10  | 60.17# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

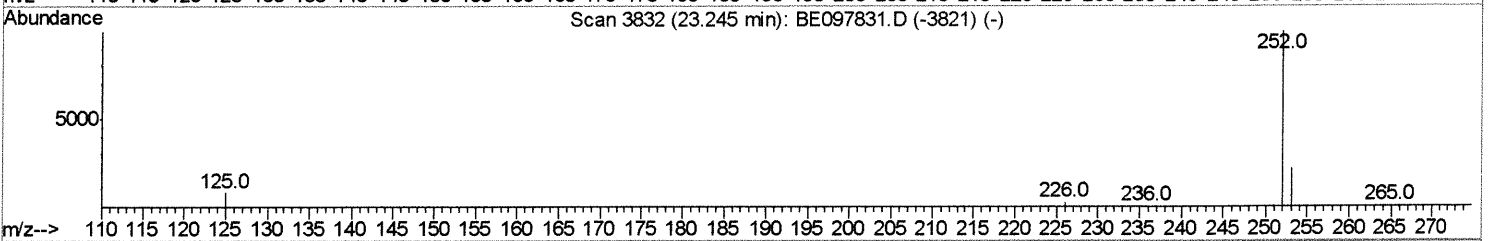
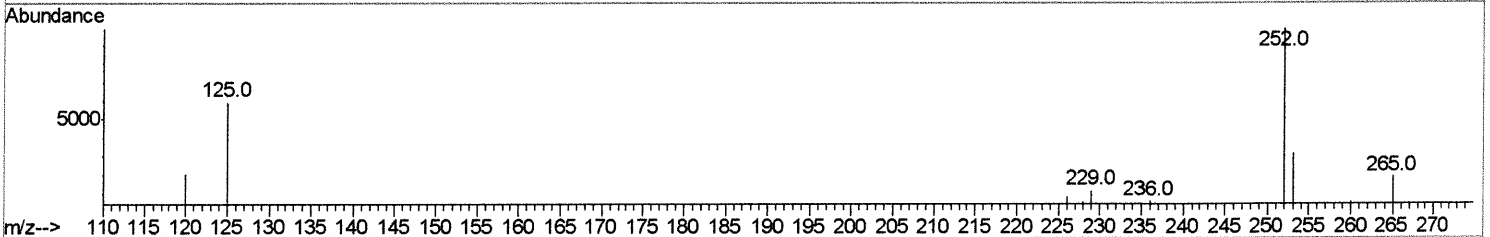
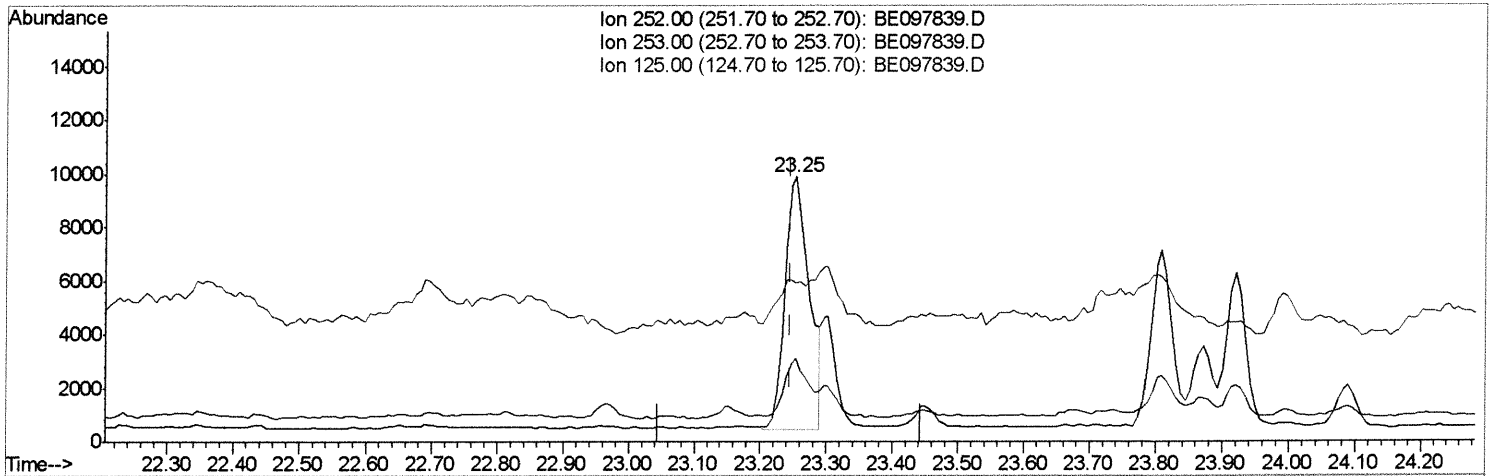
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:06:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(21) Benzo(b)fluoranthene

23.253min (+0.008) 0.29ng/ul m) SJ 10/16/18

response 24225

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.50 | 31.49  |
| 125.00 | 9.10  | 60.17# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

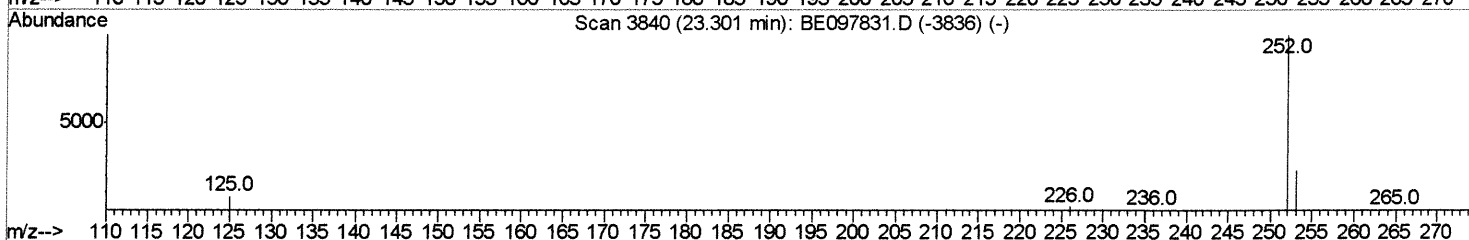
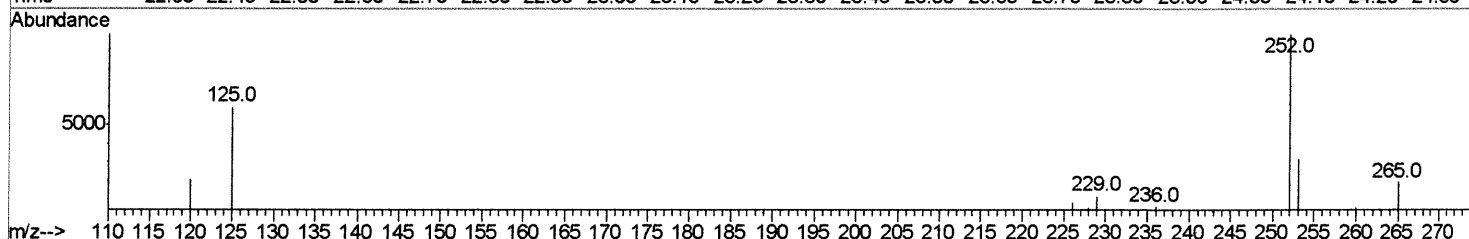
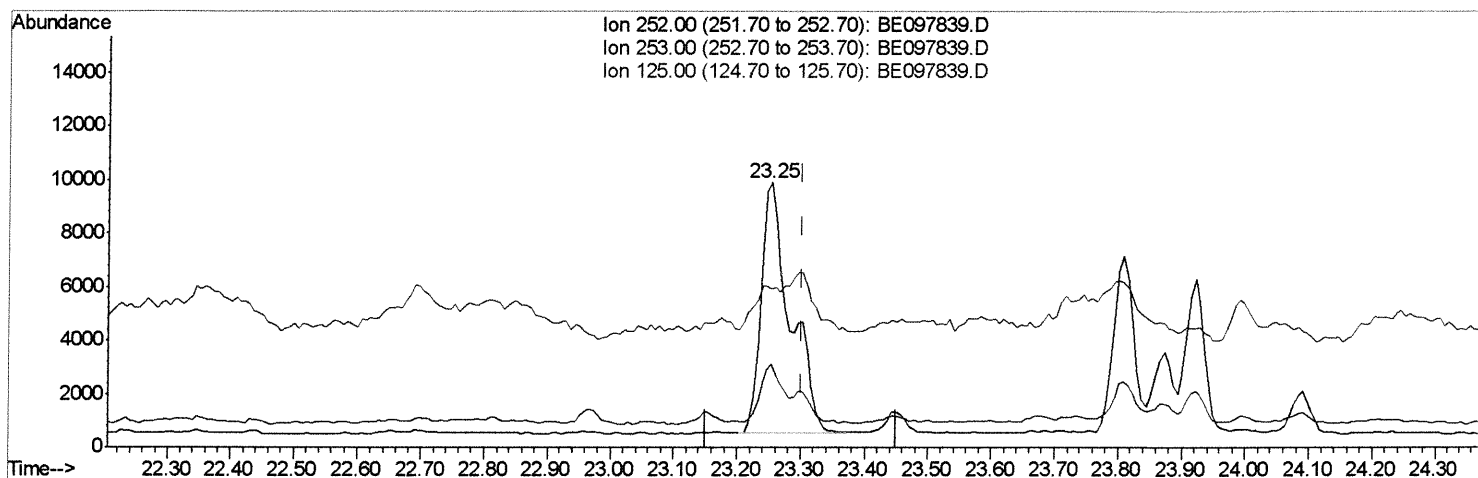
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:06:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(22) Benzo(k)fluoranthene  
 23.253min (-0.049) 0.31ng/ul  
 response 30229  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.20 | 31.49# |
| 125.00 | 11.70 | 60.17# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

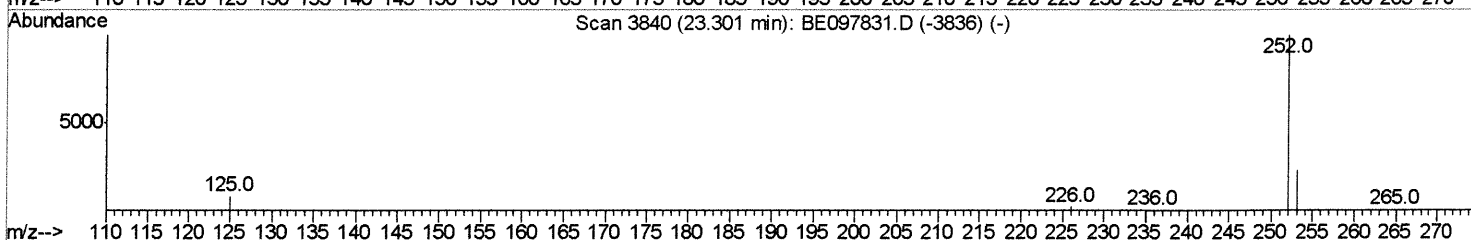
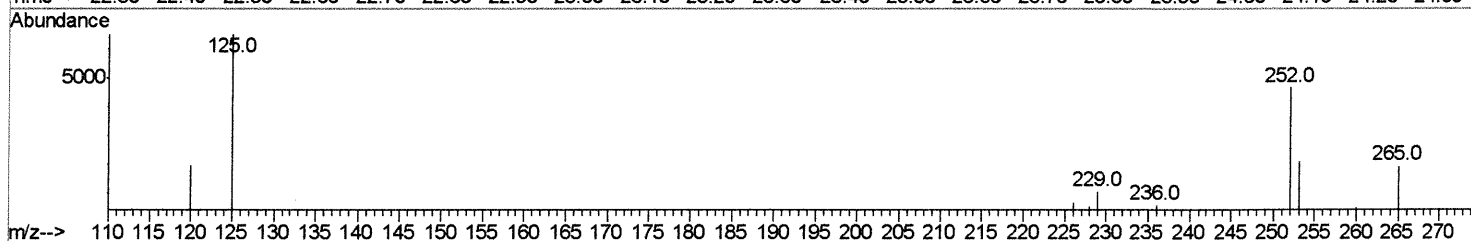
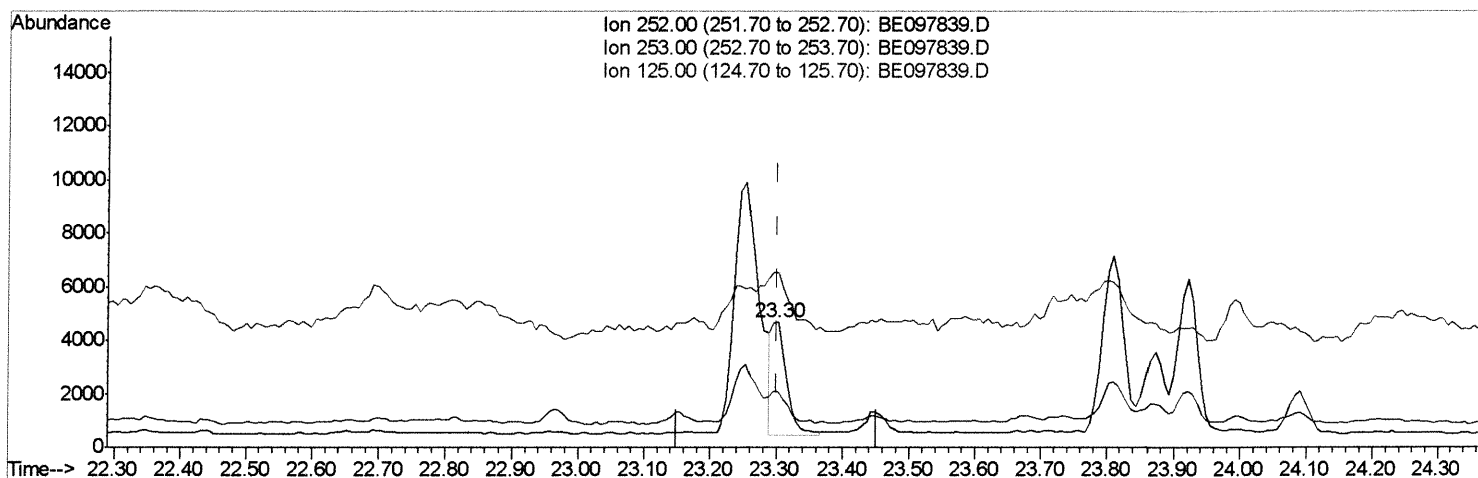
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:06:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration



TIC: BE097839.D

(22) Benzo(k)fluoranthene

23.302min (+0.001) 0.07ng/ul m > SJ 10/16/18

response 6591

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 22.20 | 44.52#  |
| 125.00 | 11.70 | 139.60# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\  
 Data File : BE097839.D  
 Acq On : 10 Oct 2018 22:05  
 Operator : SJ/JU  
 Sample : J5183-20  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC33

Manual Integrations  
 APPROVED

Sohil  
 10/11/2018 5:33:45 PM

Quant Time: Oct 11 02:07:11 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 01:20:33 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.89  | 152  | 2690     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 13594    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.54 | 164  | 10457    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.30 | 188  | 30109m   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.48 | 240  | 35963m   | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.03 | 264  | 32839m   | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 5913     | 0.28  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.33 | 212  | 28664m   | 0.29  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Ovalue |          |
| 11) Pentachlorophenol       | 16.95 | 266  | 215m     | 0.078 | ng/ul  |          |
| 12) Phenanthrene            | 17.34 | 178  | 7412     | 0.103 | ng/ul  | 95       |
| 15) Fluoranthene            | 19.36 | 202  | 22447m   | 0.237 | ng/ul  |          |
| 17) Pyrene                  | 19.72 | 202  | 22687m   | 0.257 | ng/ul  |          |
| 18) Benzo(a)anthracene      | 21.46 | 228  | 8483m    | 0.085 | ng/ul  |          |
| 19) Chrysene                | 21.52 | 228  | 15333m   | 0.159 | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 23.25 | 252  | 24225m   | 0.285 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.30 | 252  | 6591m    | 0.069 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.92 | 252  | 11138    | 0.143 | ng/ul# | 33       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.72 | 276  | 11439    | 0.130 | ng/ul# | 100      |
| 26) Benzo(g,h,i)perylene    | 27.54 | 276  | 12795    | 0.154 | ng/ul# | 63       |

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