

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
Data File : BE096099.D  
Acq On : 23 Apr 2018 23:38  
Operator : SJ/JU  
Sample : J2434-10  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

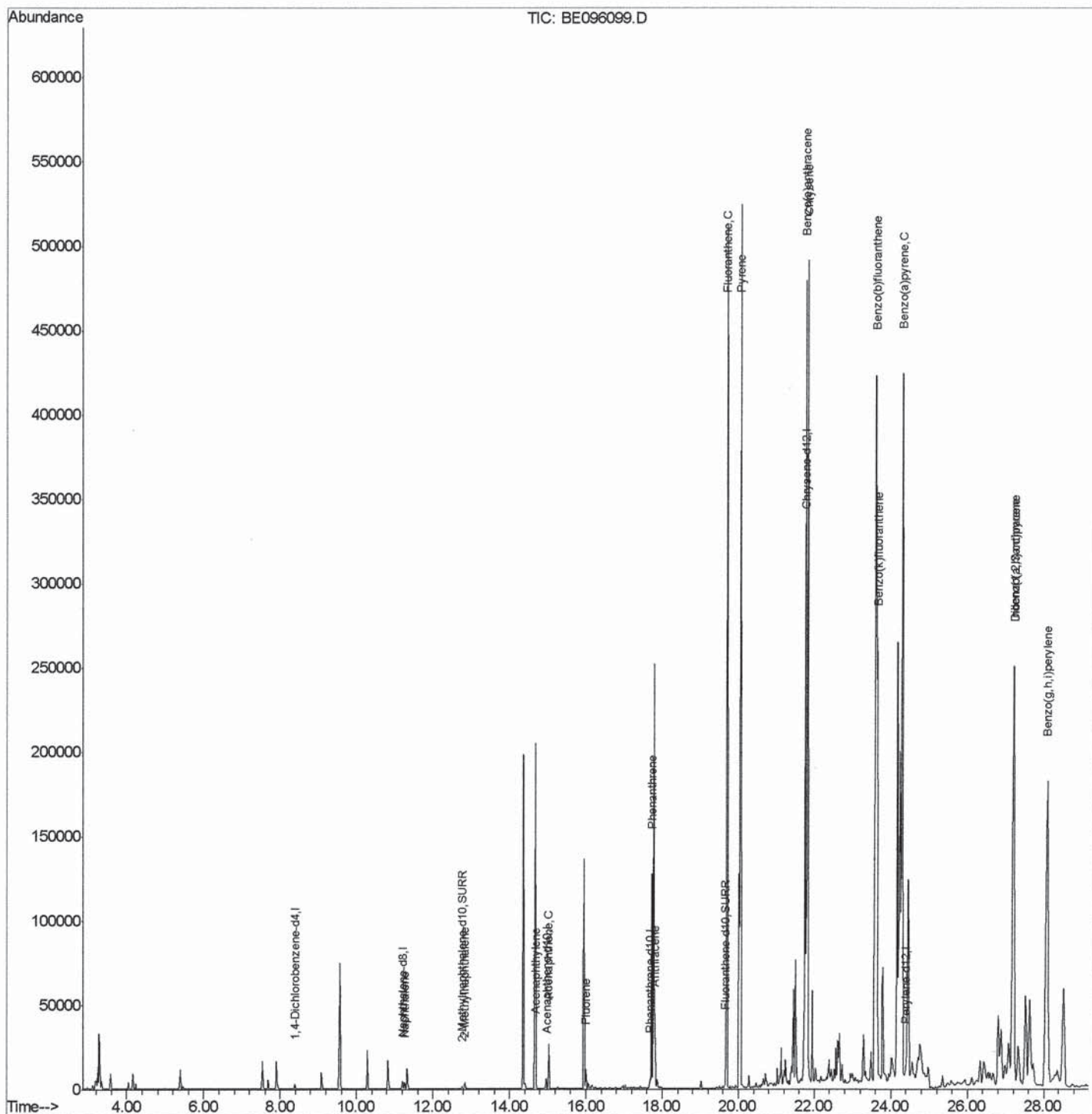
Instrument :  
BNA\_E  
ClientSampleId :  
C0AC5

Manual Integrations  
APPROVED

Sohil  
4/24/2018 7:10:57 PM

4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:42:57 2018  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 24 06:59:54 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

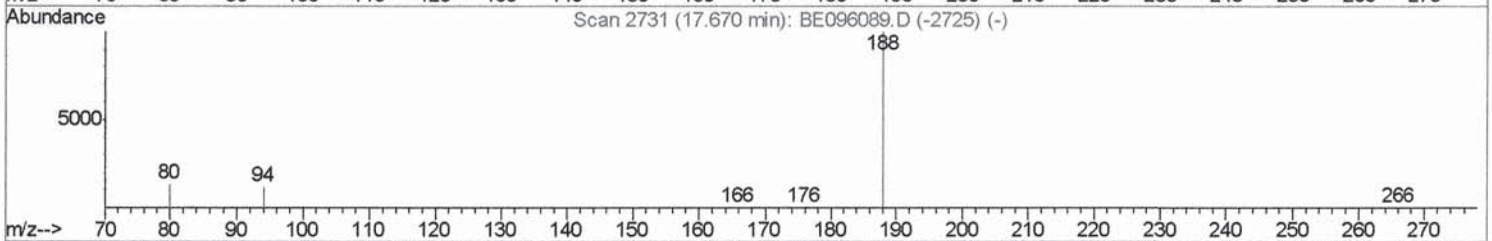
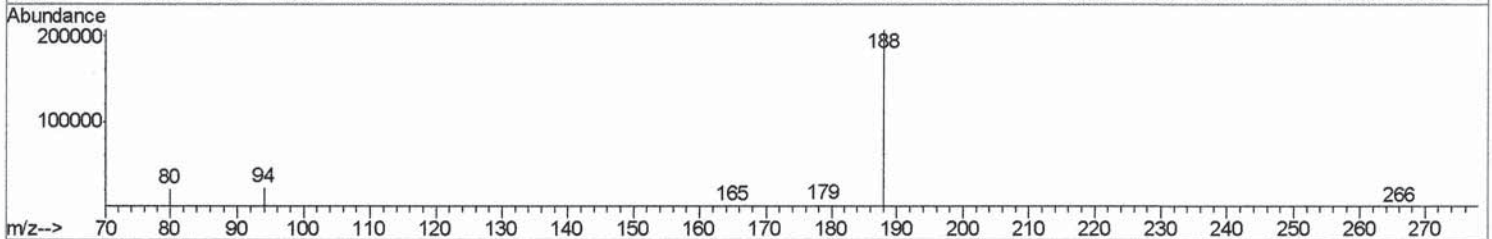
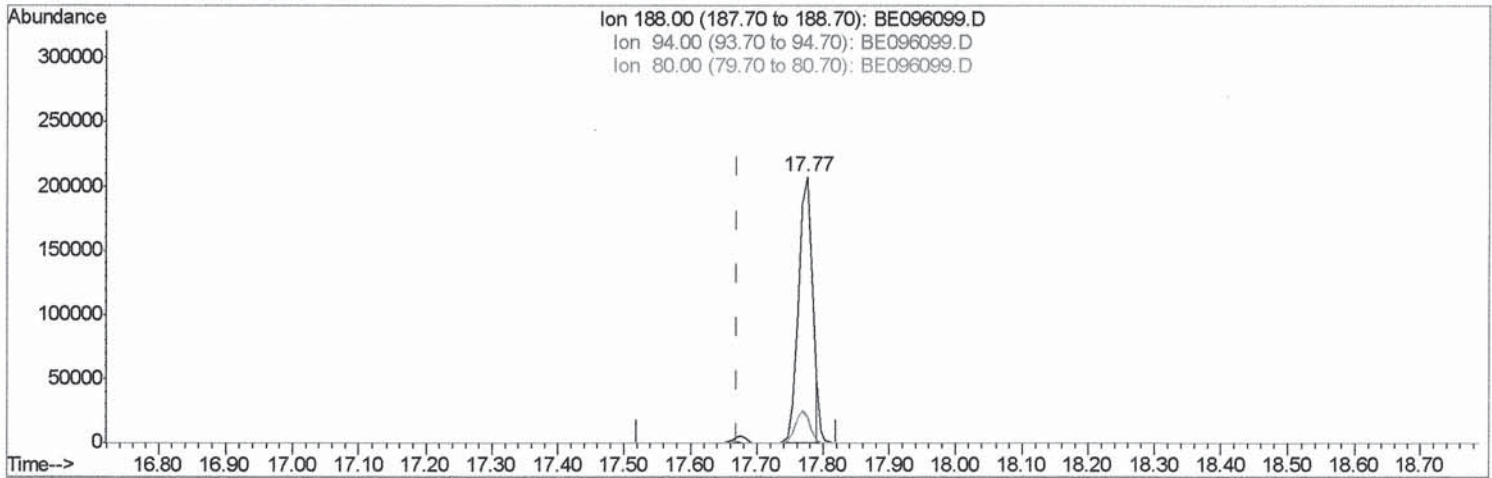
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:34:56 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(10) Phenanthrene-d10 (I)  
 17.775min (+0.104) 0.40ng/ul  
 response 298989

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 10.39 |
| 80.00  | 11.80 | 9.81  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

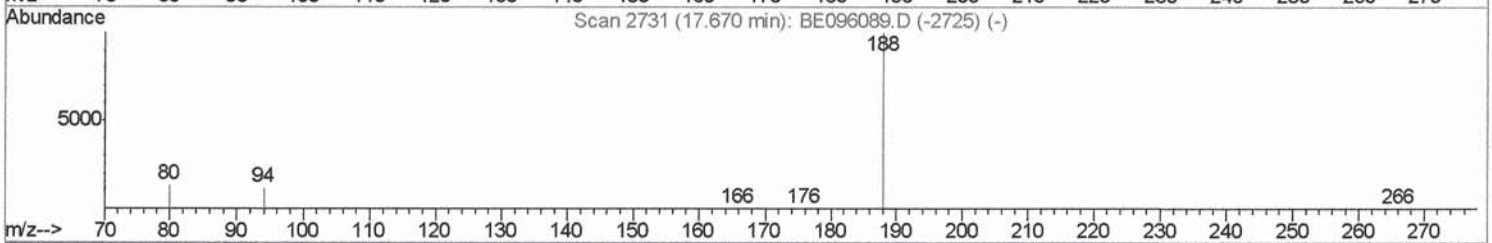
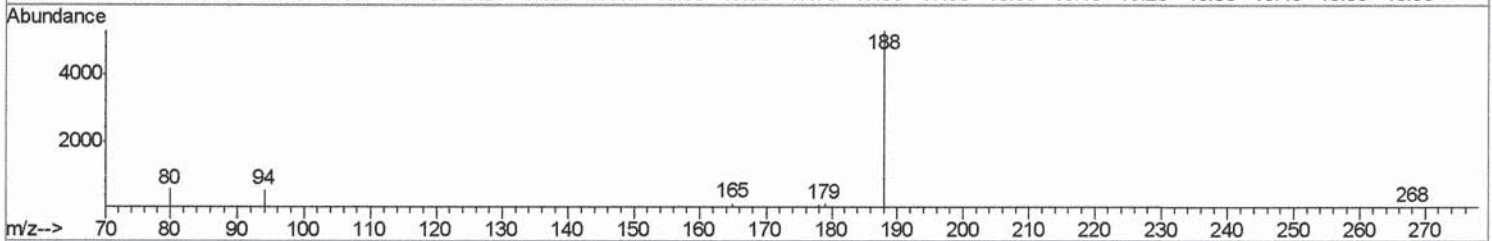
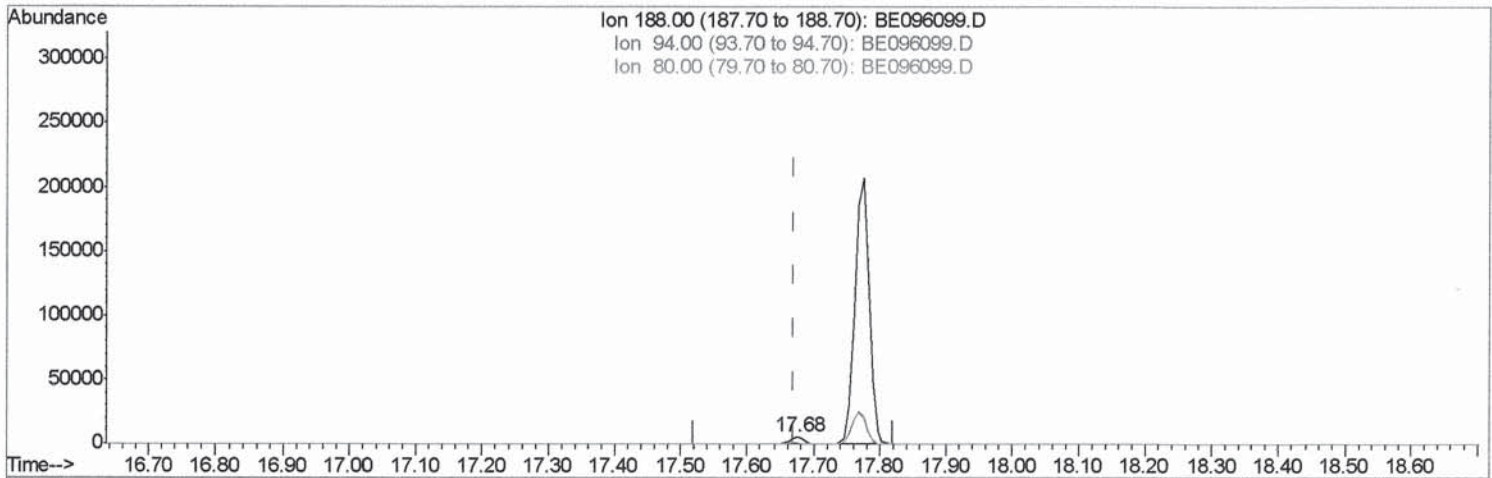
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:34:56 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(10) Phenanthrene-d10 (I)

17.676min (+0.006) 0.40ng/ul m> SJ 4/24/18

response 7637

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 10.44 |
| 80.00  | 11.80 | 11.03 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

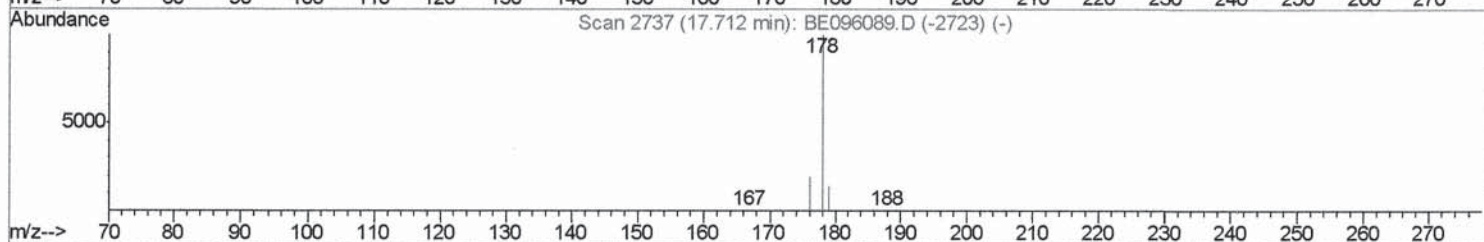
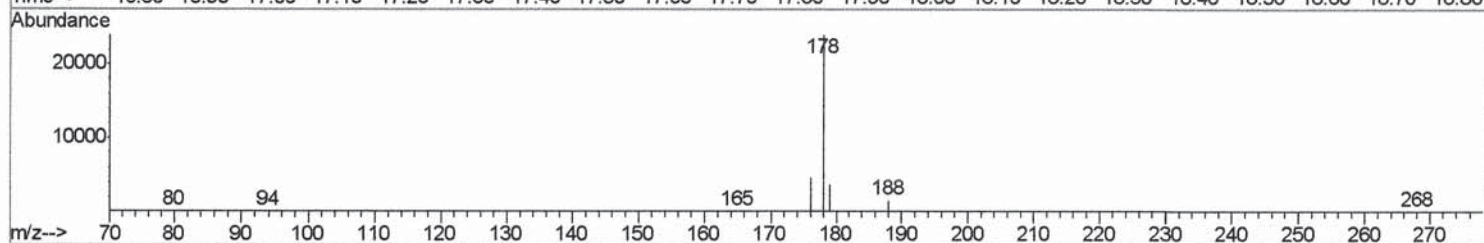
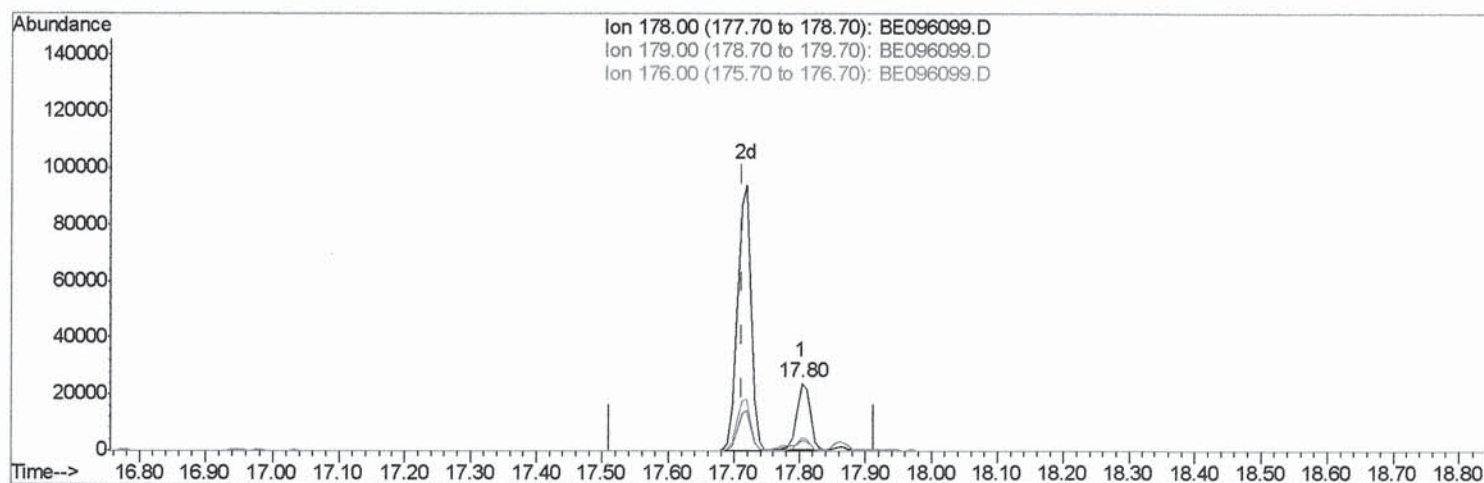
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:36:21 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
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 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(12) Phenanthrene

17.803min (+0.090) 1.48ng/ul

response 33294

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 15.44# |
| 176.00 | 17.00 | 19.60  |
| 0.00   | 0.00  | 0.00   |



# Quantitation Report (Qedit)

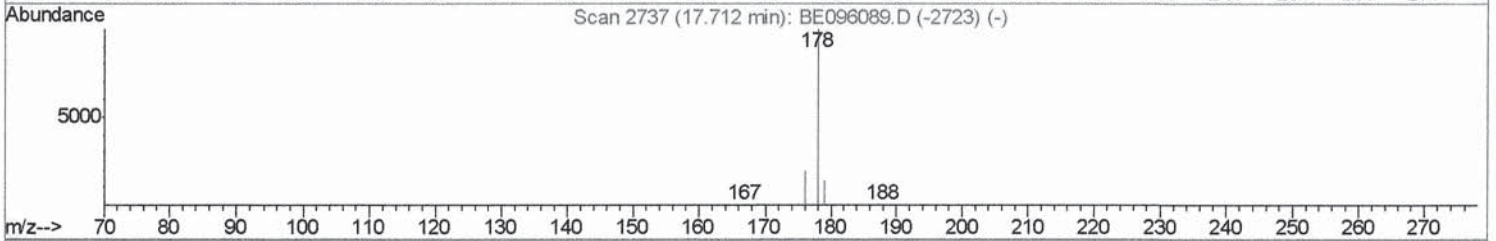
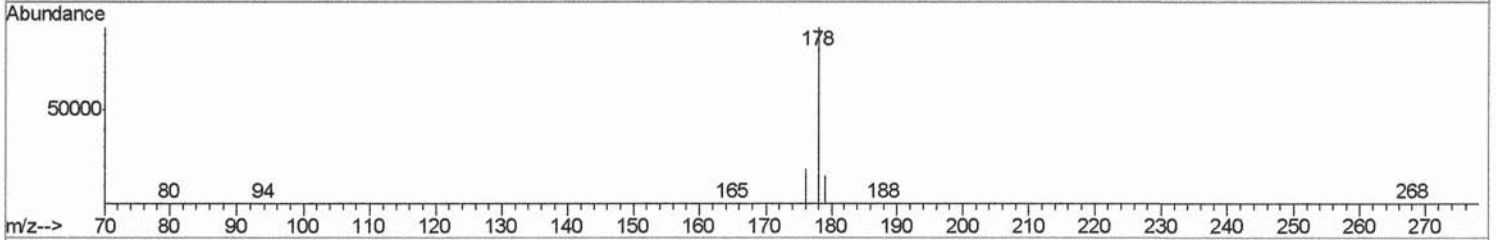
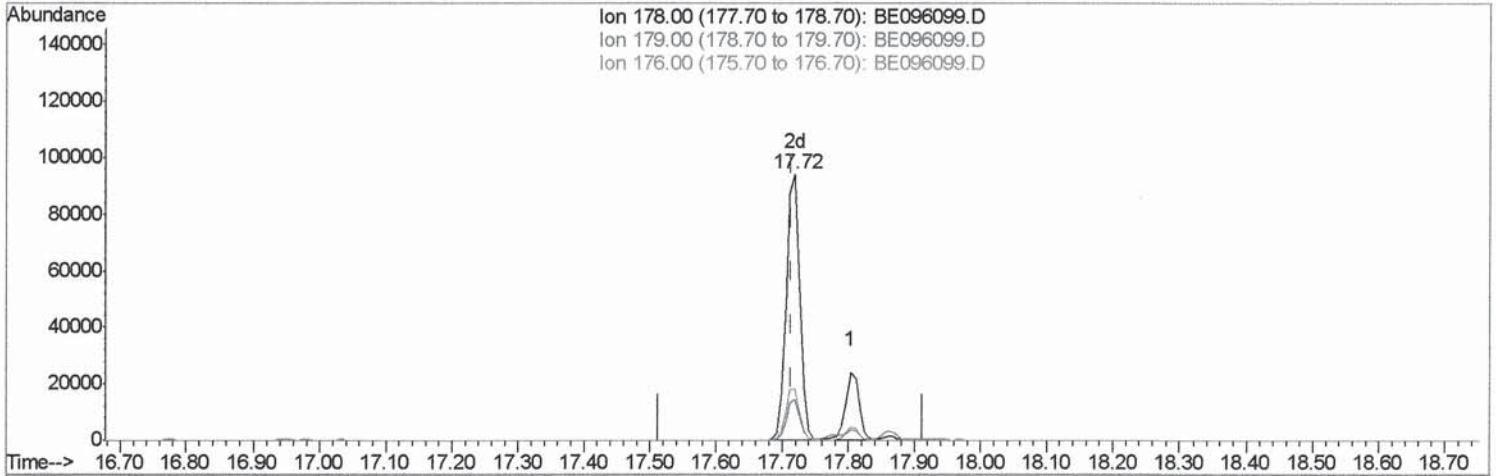
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:36:21 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(12) Phenanthrene

17.718min (+0.006) 6.20ng/ul m> SJ 4/22/18

response 139536

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 15.48# |
| 176.00 | 17.00 | 19.65  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

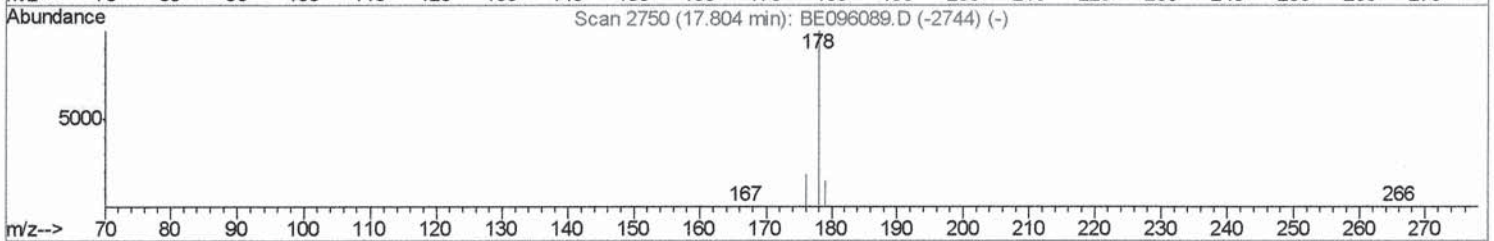
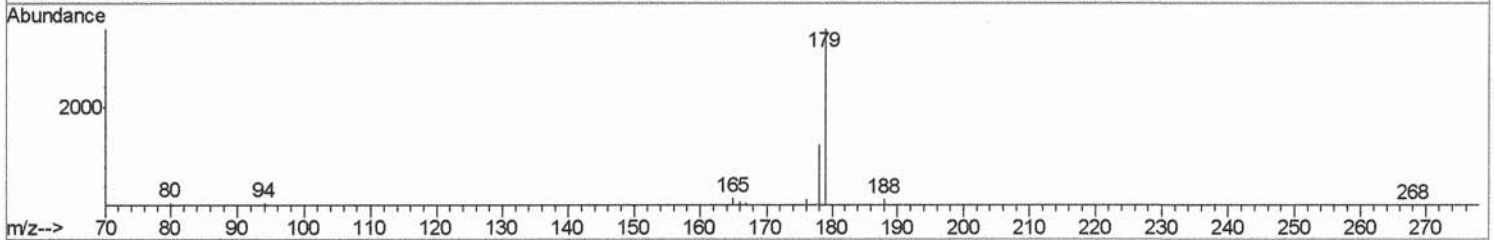
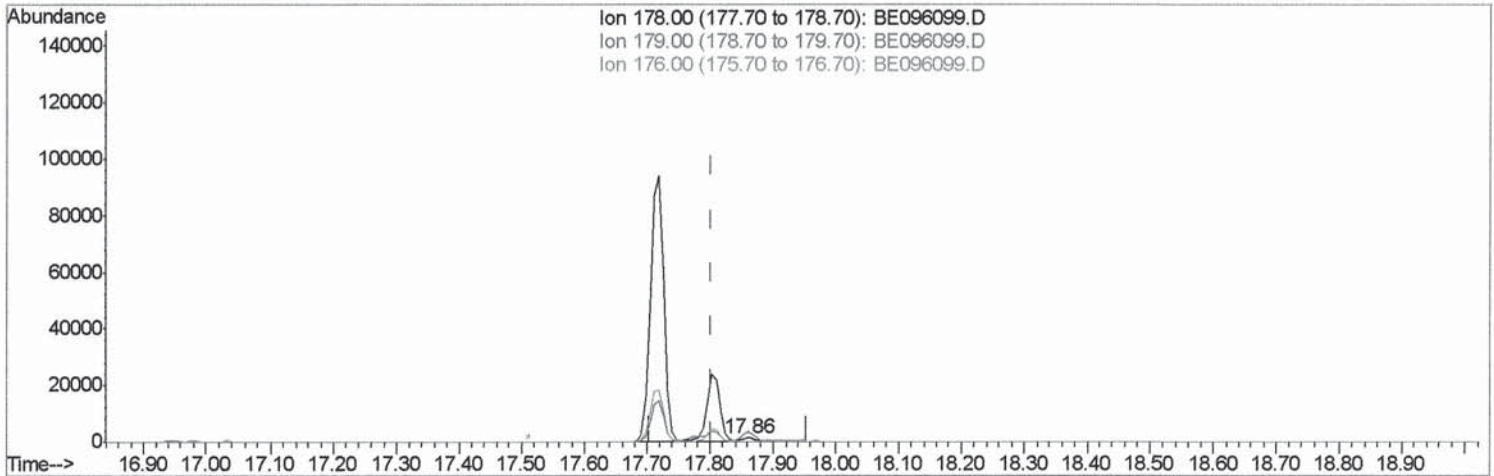
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:36:21 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(13) Anthracene

17.859min (+0.055) 0.16ng/ul

response 3627

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 22.60 | 285.49# |
| 176.00 | 18.40 | 13.79#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

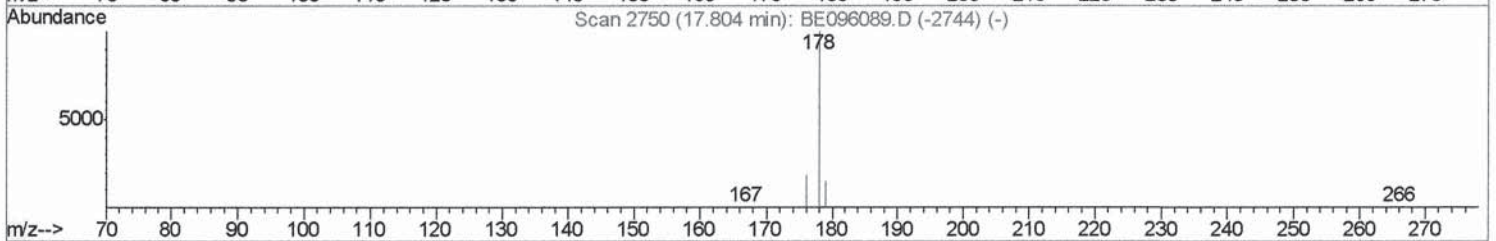
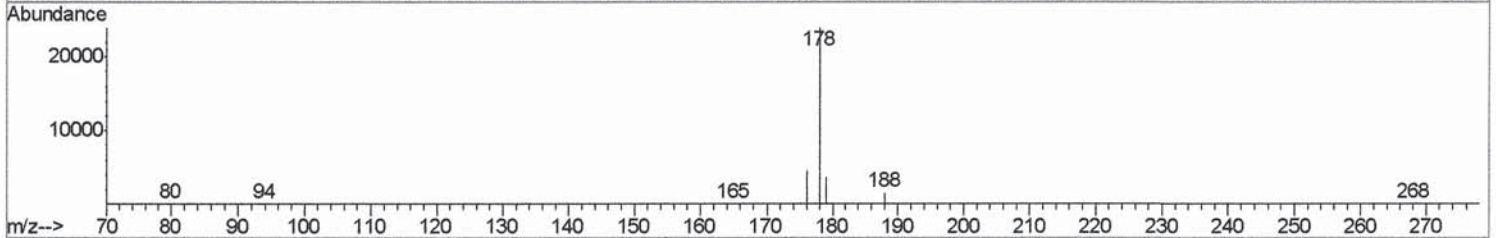
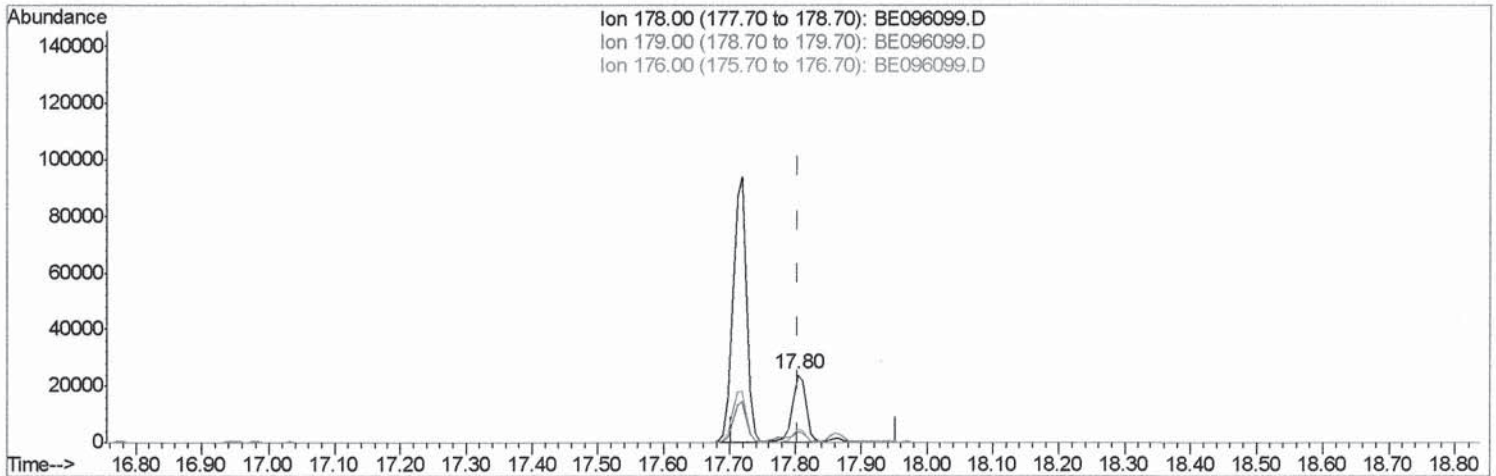
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:36:21 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(13) Anthracene

17.803min (-0.001) 1.56ng/ul m > SJ 4/24/18

response 34865

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 22.60 | 15.44# |
| 176.00 | 18.40 | 19.60  |
| 0.00   | 0.00  | 0.00   |



# Quantitation Report (Qedit)

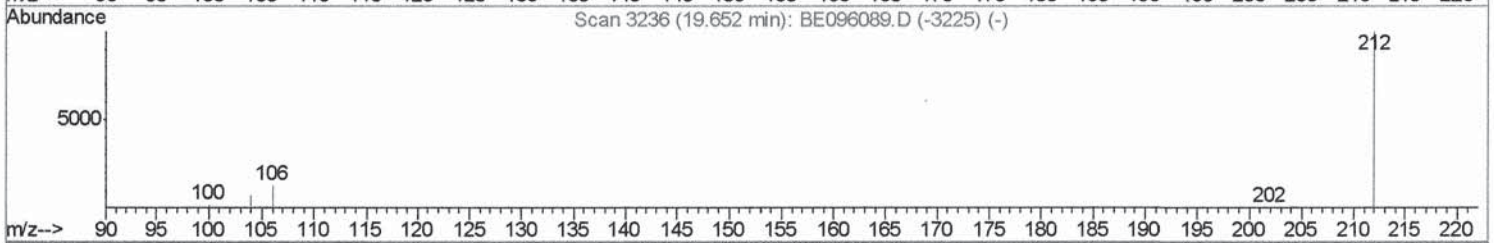
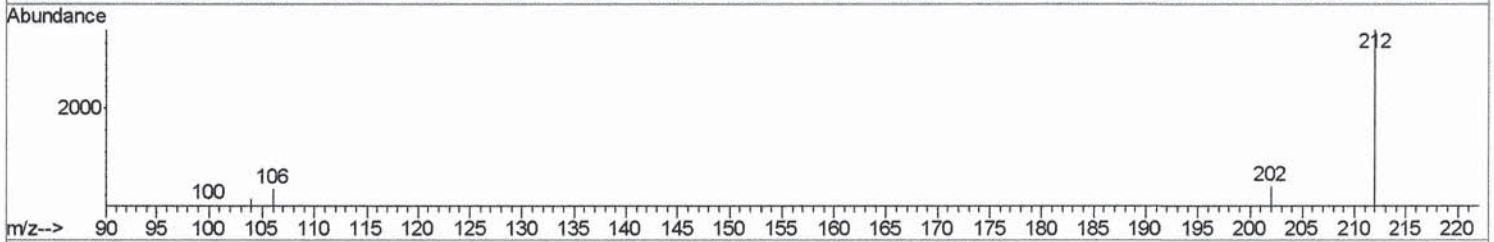
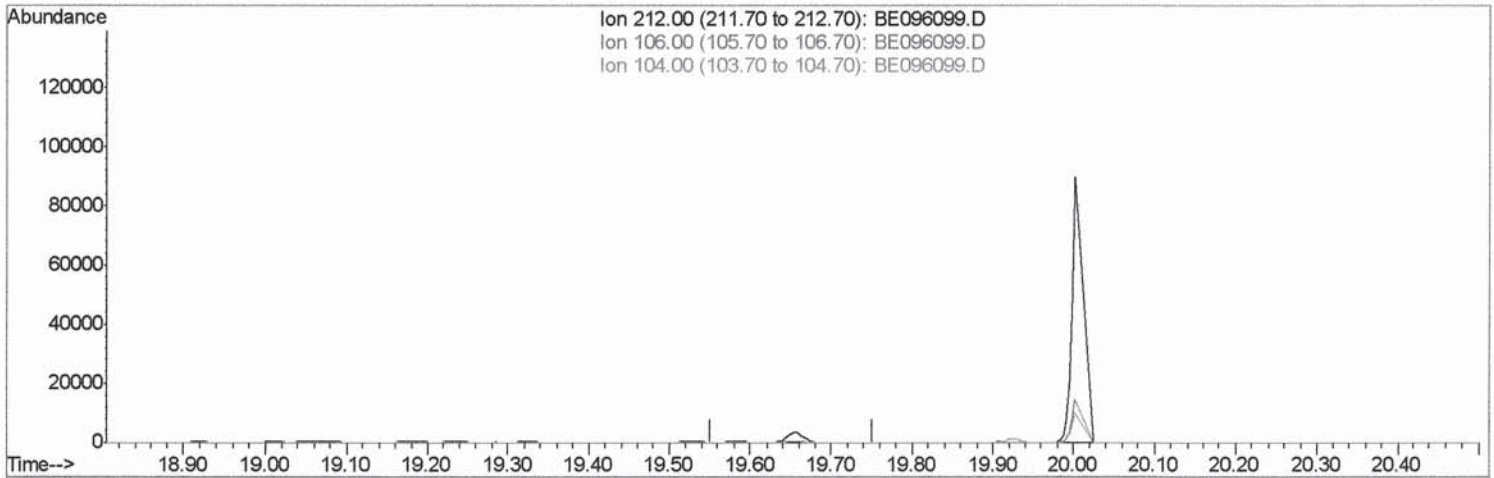
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:36:21 2018  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.652min (-19.652) 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  |



# Quantitation Report (Qedit)

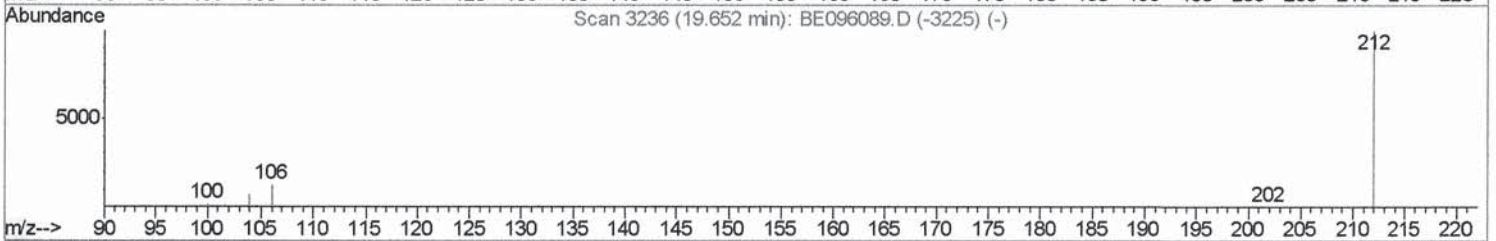
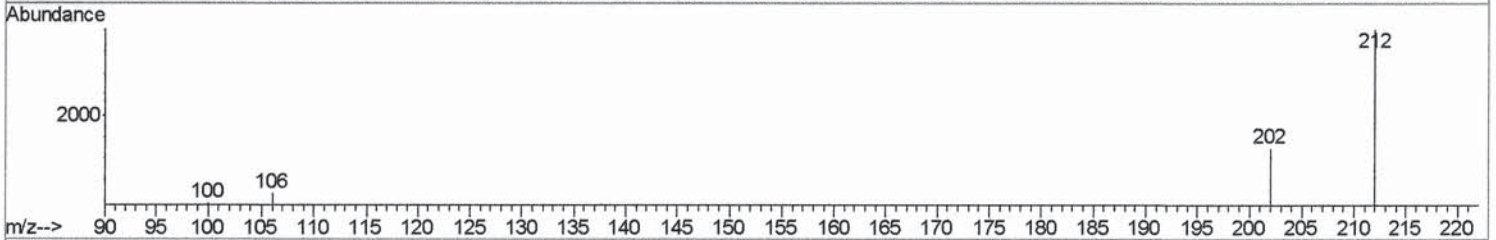
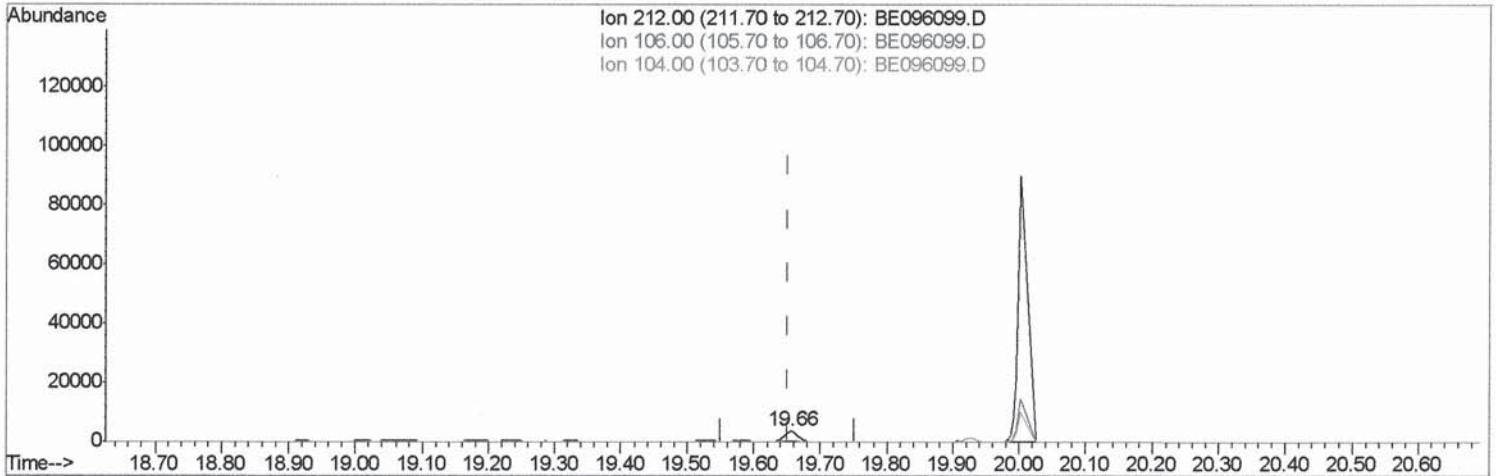
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:36:21 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.656min (+0.004) 0.16ng/ul m> SJ 4/24/18

response 5028

| 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  |

# Quantitation Report (Qedit)

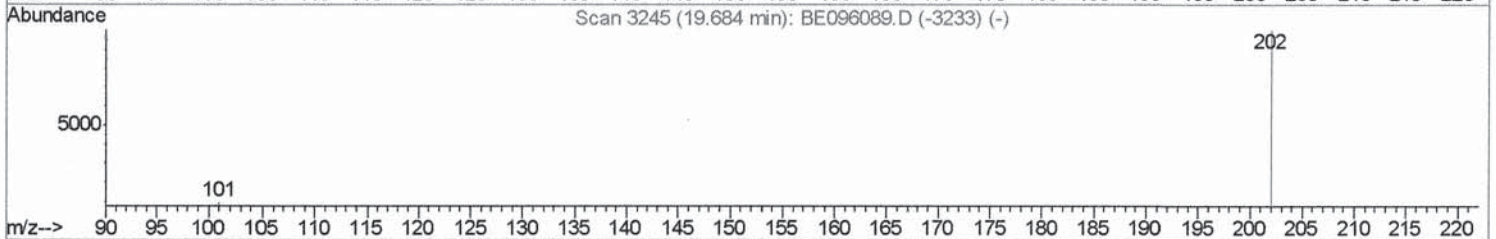
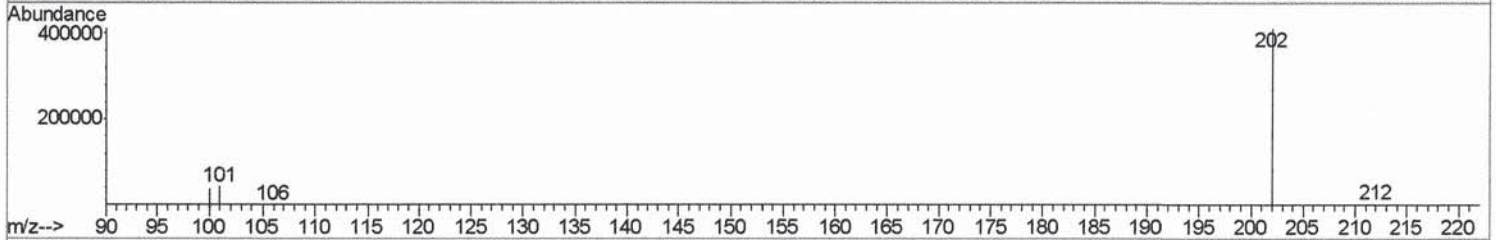
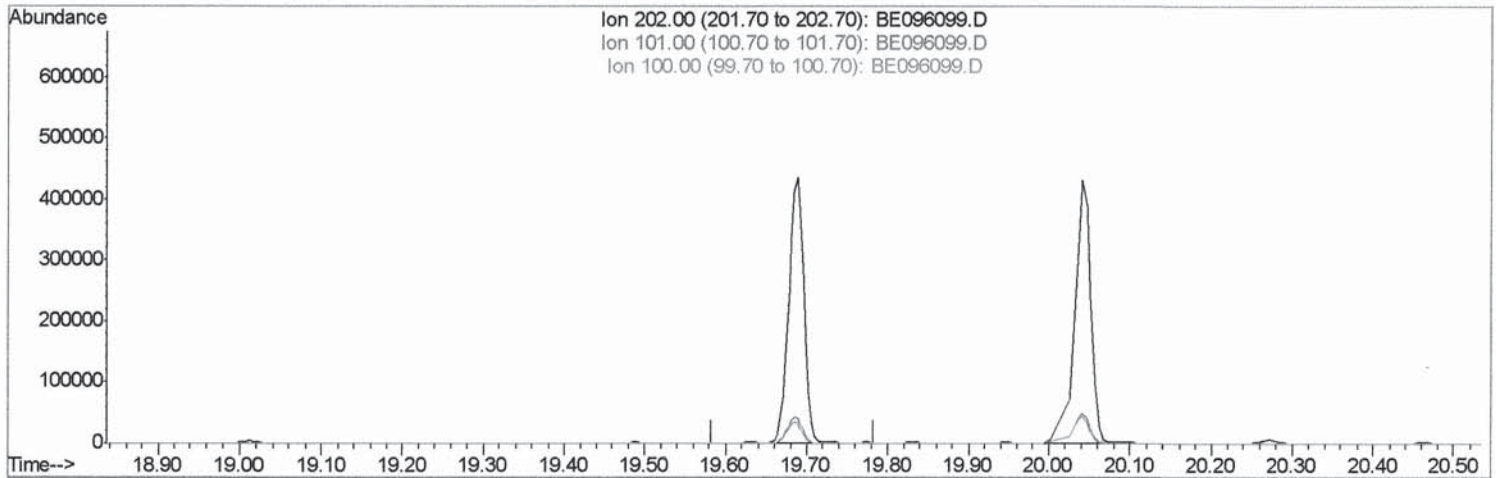
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:36:21 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(15) Fluoranthene (C)

19.684min (-19.684) 0.00ng/ul

response 0

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

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

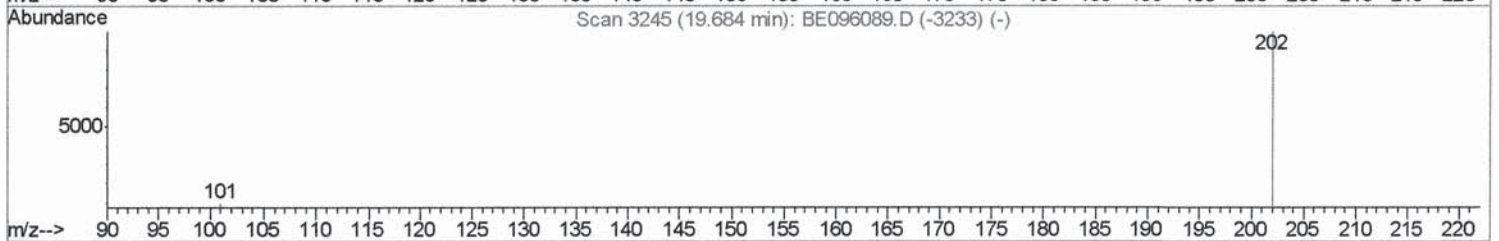
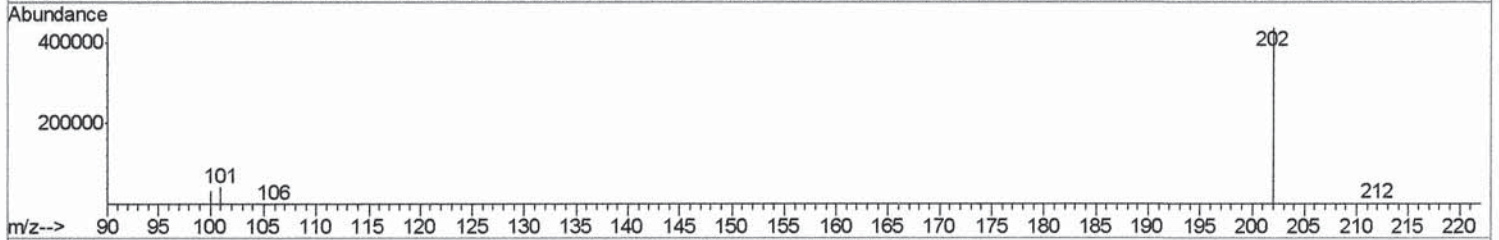
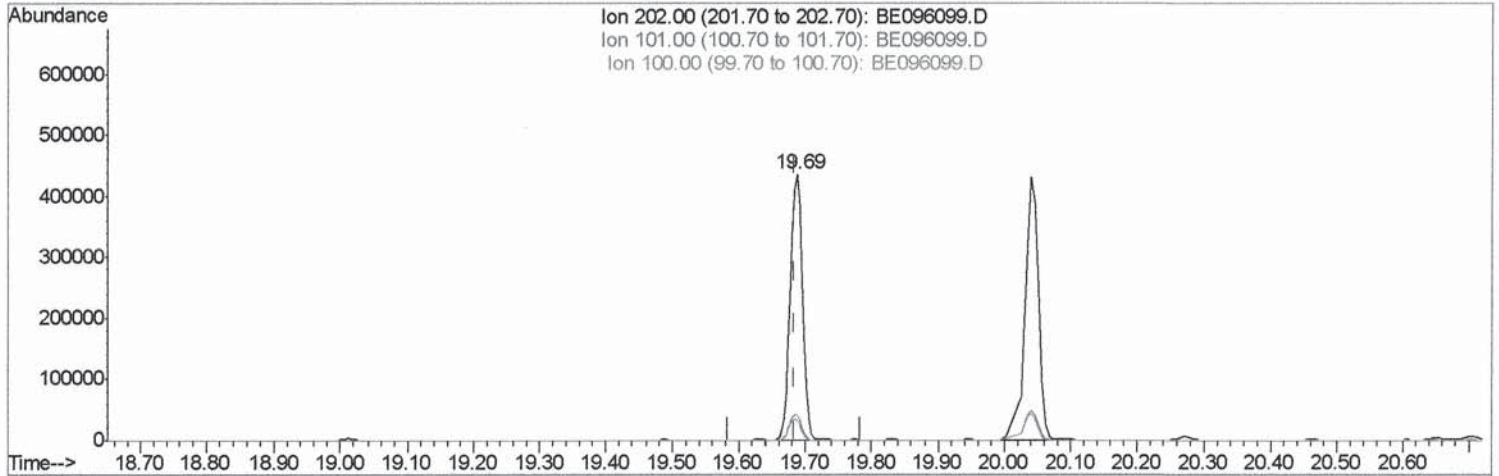
Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:36:21 2018  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(15) Fluoranthene (C)

19.688min (+0.004) 18.69ng/ul m> SJ 4/24/18

response 572306

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 202.00 | 100   | 100  |
| 101.00 | 10.30 | 9.46 |
| 100.00 | 19.50 | 7.86 |
| 0.00   | 0.00  | 0.00 |



# Quantitation Report (Qedit)

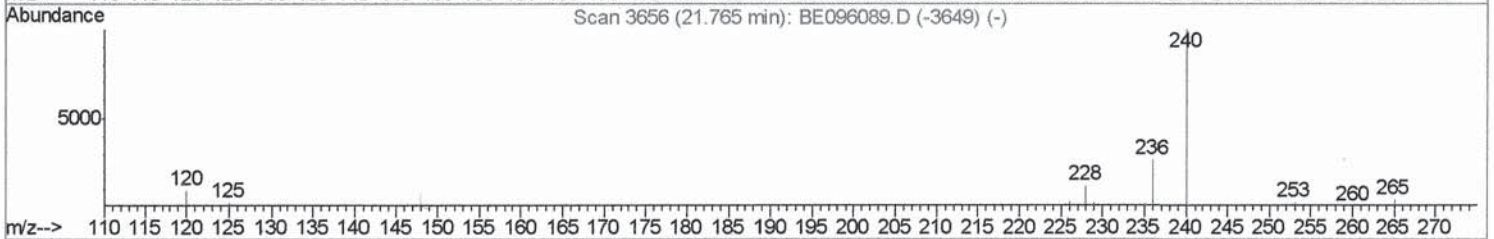
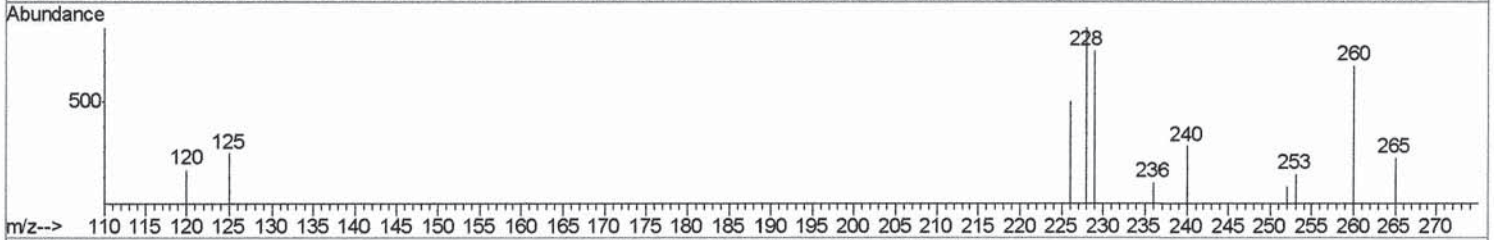
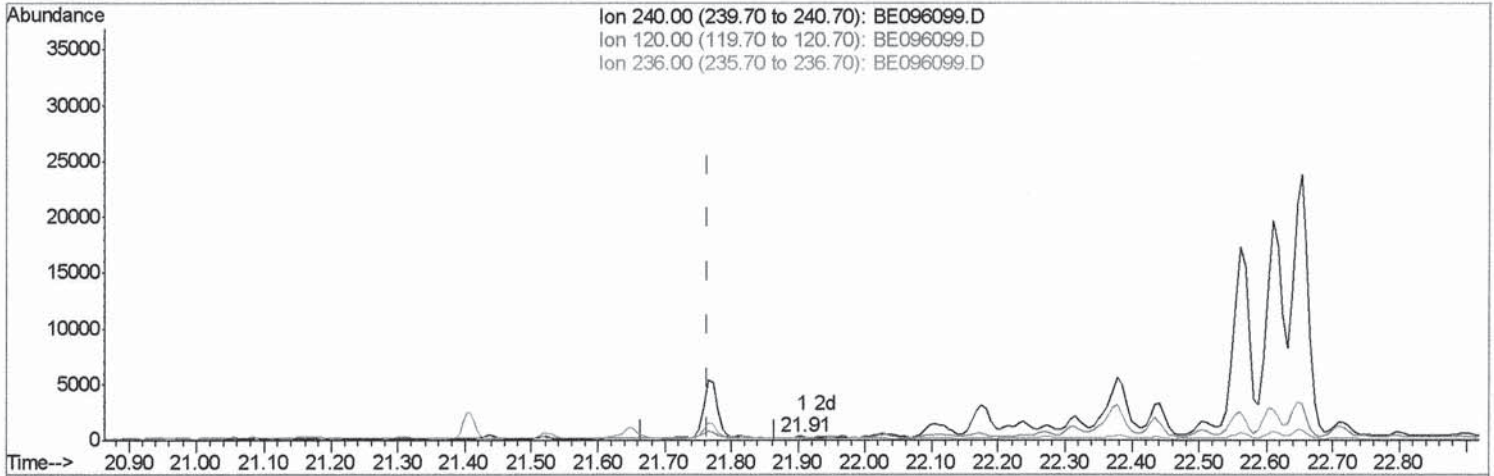
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
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 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:36:21 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



TIC: BE096099.D

(16) Chrysene-d12 (I)

21.906min (+0.141) 0.40ng/ul

response 270

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 70.94# |
| 236.00 | 34.90 | 54.37# |
| 0.00   | 0.00  | 0.00   |



# Quantitation Report (Qedit)

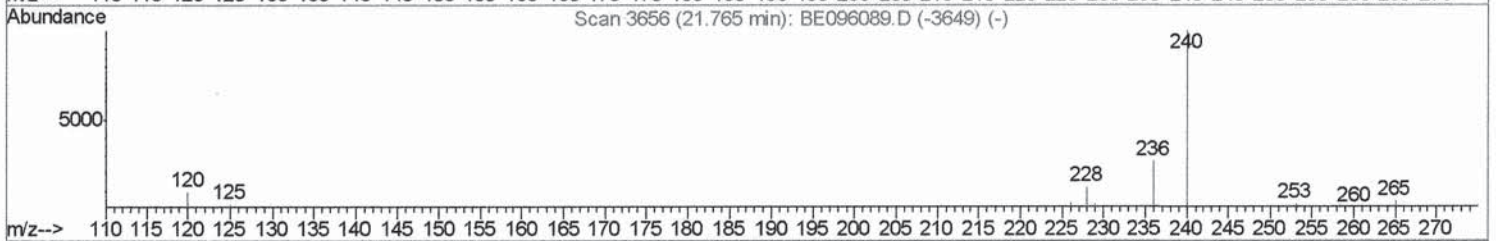
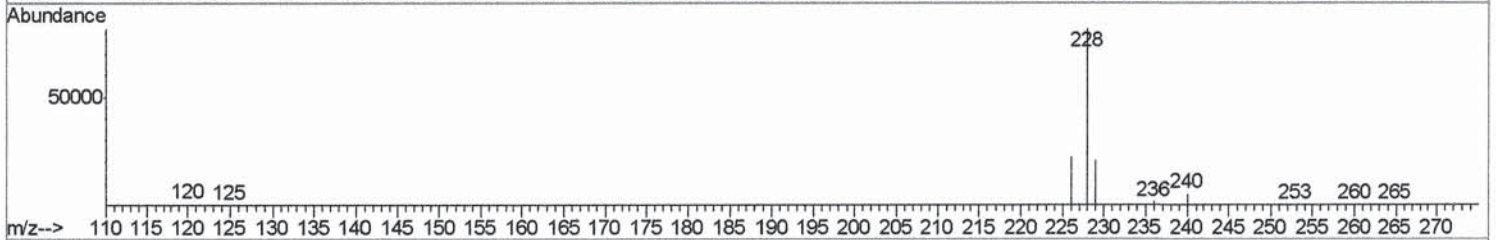
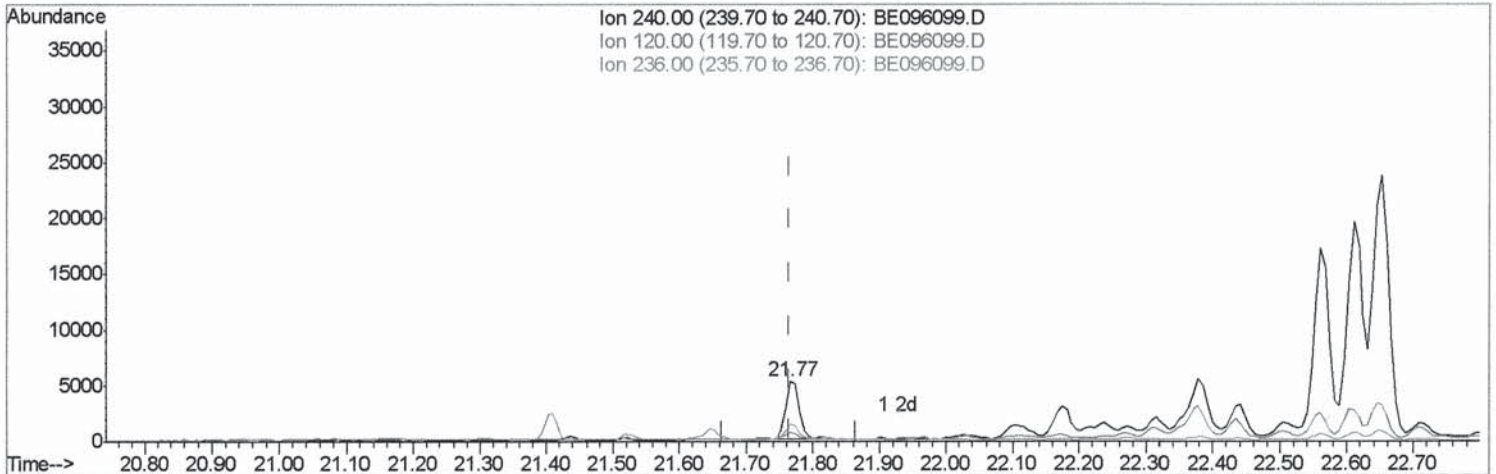
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:36:21 2018  
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 Response via : Initial Calibration



TIC: BE096099.D

(16) Chrysene-d12 (I)

21.766min (+0.001) 0.40ng/ul m > SJ 4/24/18

response 7174

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 16.11# |
| 236.00 | 34.90 | 29.92  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

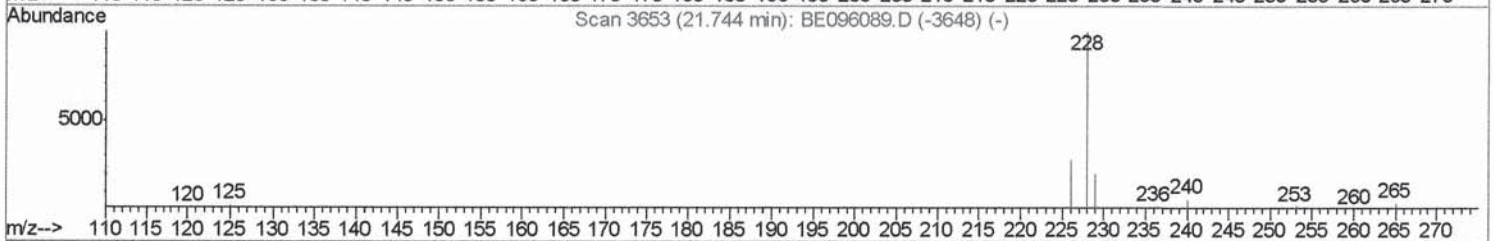
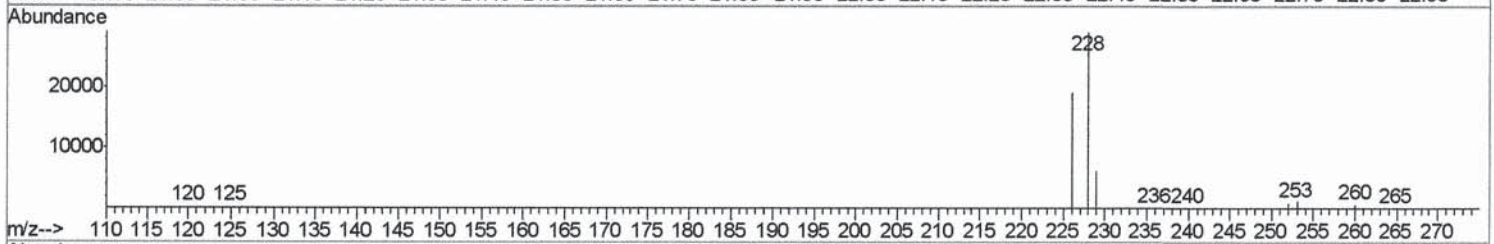
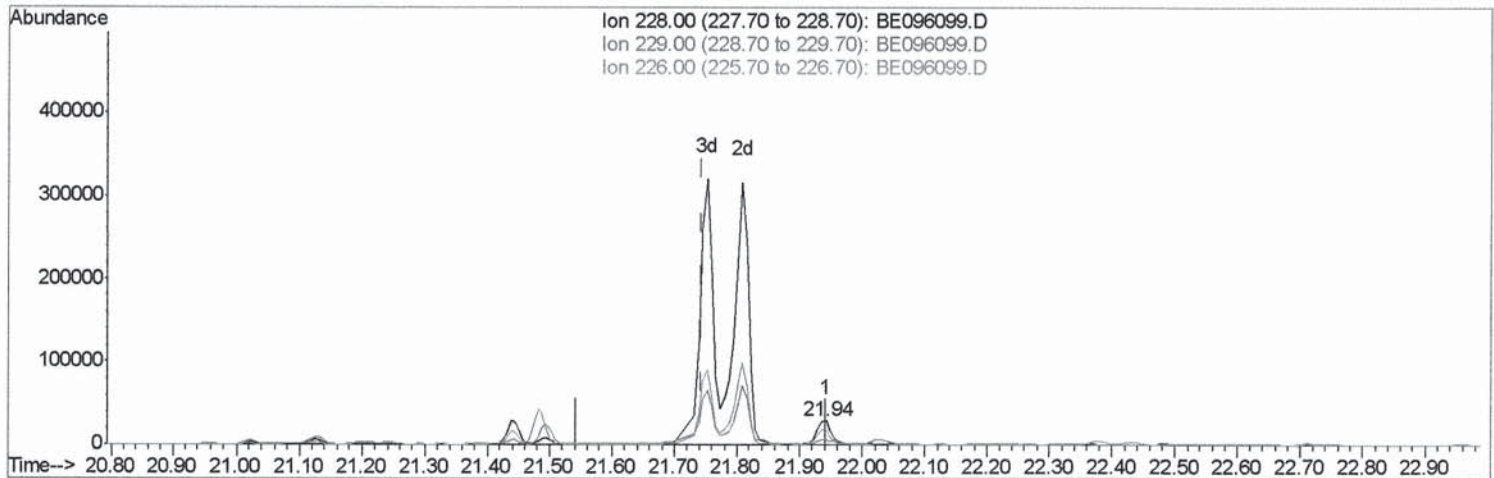
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:38:37 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(18) Benzo(a)anthracene  
 21.942min (+0.198) 1.53ng/ul  
 response 44220

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 28.50 | 21.72# |
| 226.00 | 21.30 | 65.64# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
Data File : BE096099.D  
Acq On : 23 Apr 2018 23:38  
Operator : SJ/JU  
Sample : J2434-10  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

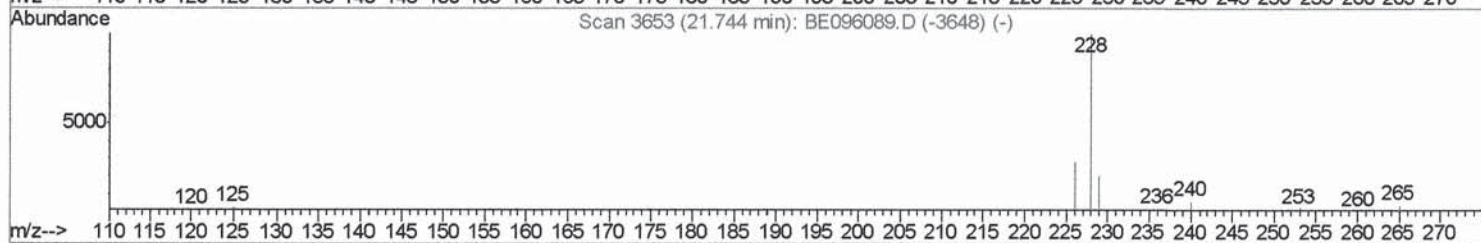
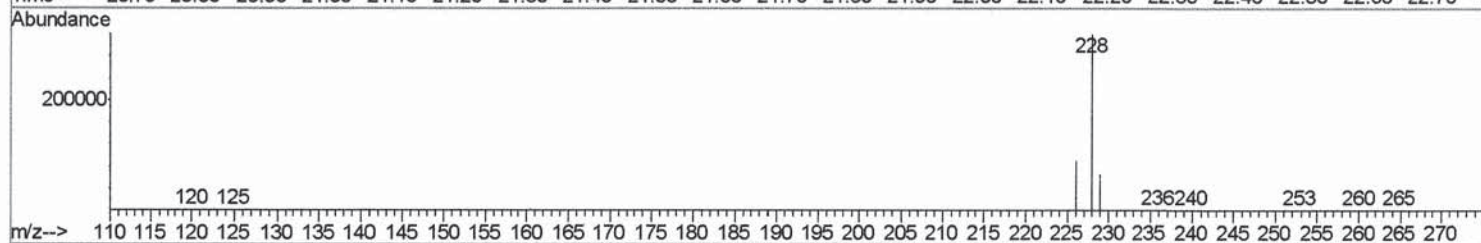
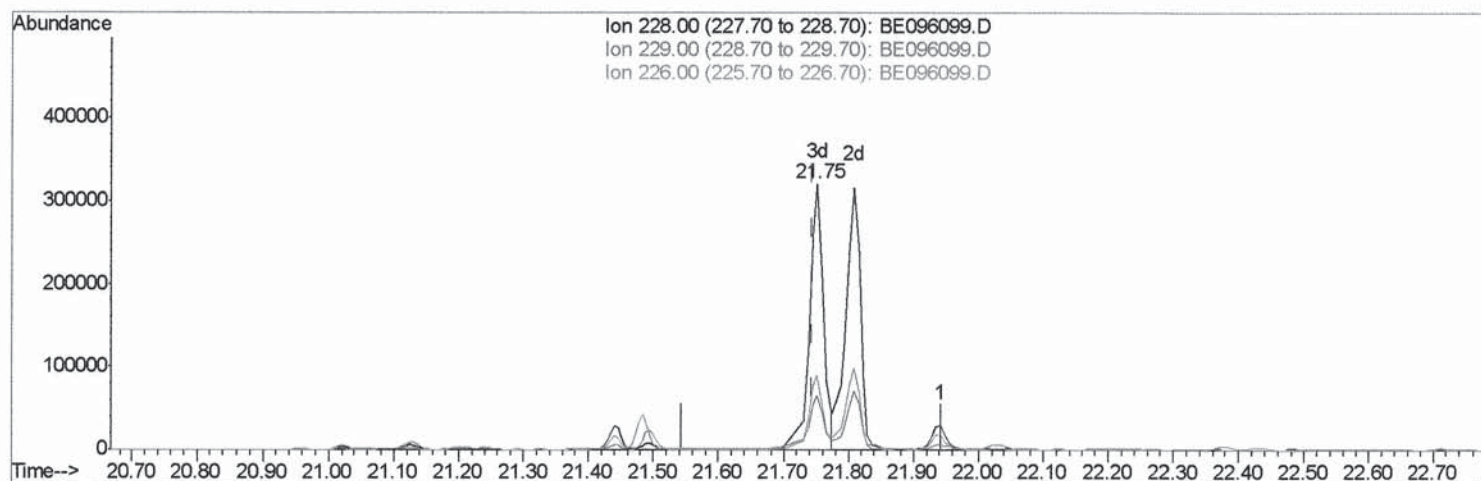
Instrument :  
BNA\_E  
ClientSampleId :  
C0AC5

Manual Integrations  
APPROVED

Sohil  
4/24/2018 7:10:57 PM

4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:38:37 2018  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 24 06:59:54 2018  
Response via : Initial Calibration



TIC: BE096099.D

(18) Benzo(a)anthracene

21.752min (+0.008) 18.29ng/ul m> SJ 4/24/18

response 530077

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 28.50 | 20.66# |
| 226.00 | 21.30 | 28.03# |
| 0.00   | 0.00  | 0.00   |



## Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
Data File : BE096099.D  
Acq On : 23 Apr 2018 23:38  
Operator : SJ/JU  
Sample : J2434-10  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

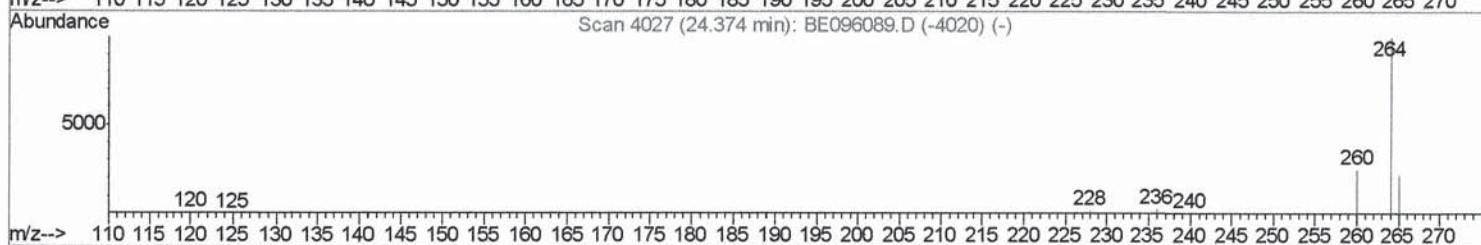
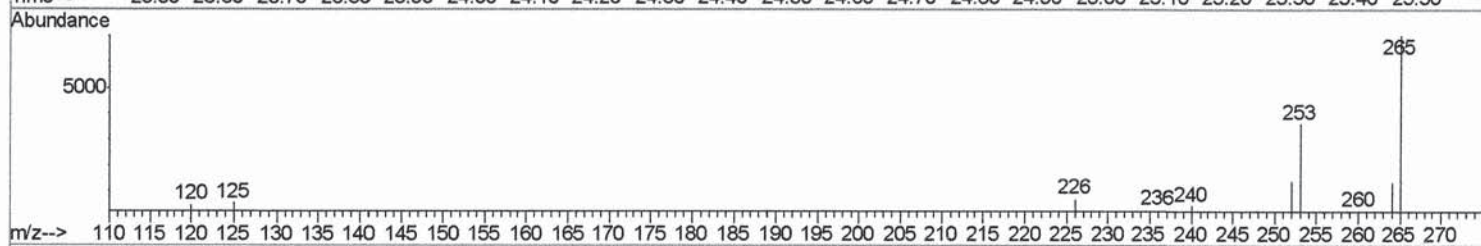
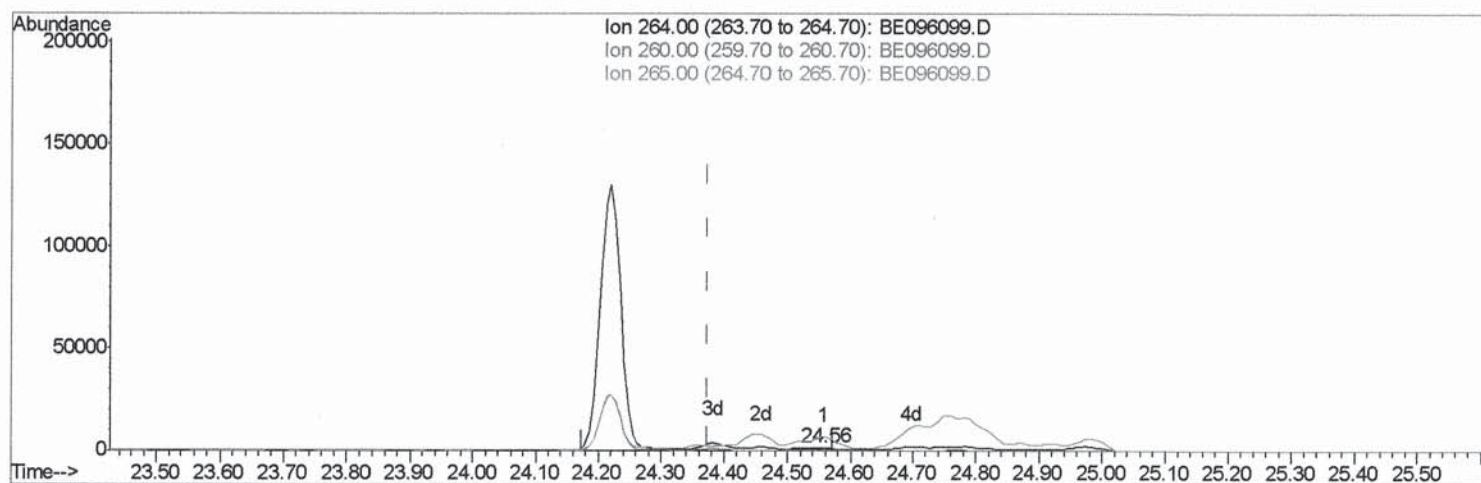
Instrument :  
BNA\_E  
ClientSampleId :  
C0AC5

Manual Integrations  
APPROVED

Sohil  
4/24/2018 7:10:57 PM

4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:38:37 2018  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 24 06:59:54 2018  
Response via : Initial Calibration



TIC: BE096099.D

(20) Perylene-d12 (I)

24.557min (+0.183) 0.40ng/ul

response 3855

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 264.00 | 100    | 100     |
| 260.00 | 30.10  | 18.56#  |
| 265.00 | 103.50 | 535.74# |
| 0.00   | 0.00   | 0.00    |

# Quantitation Report (Qedit)

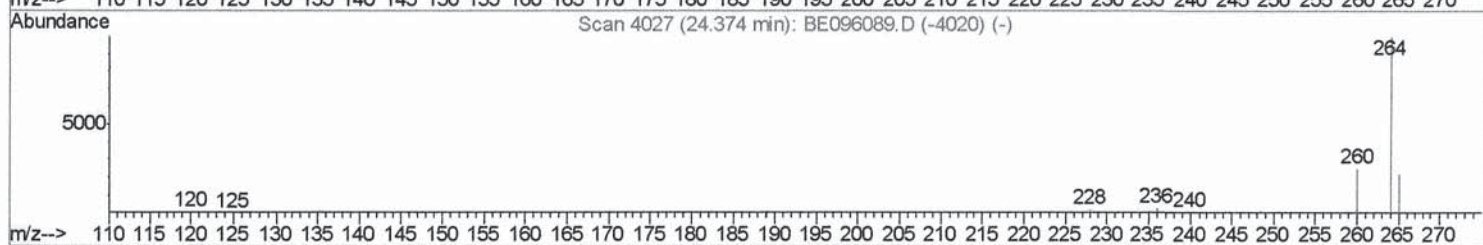
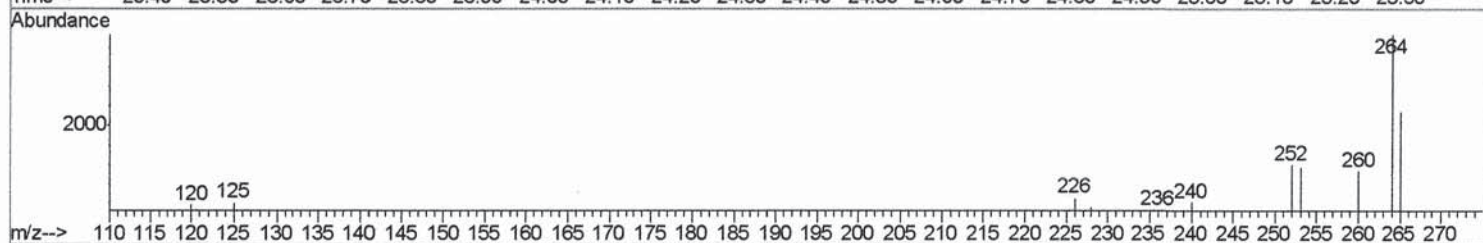
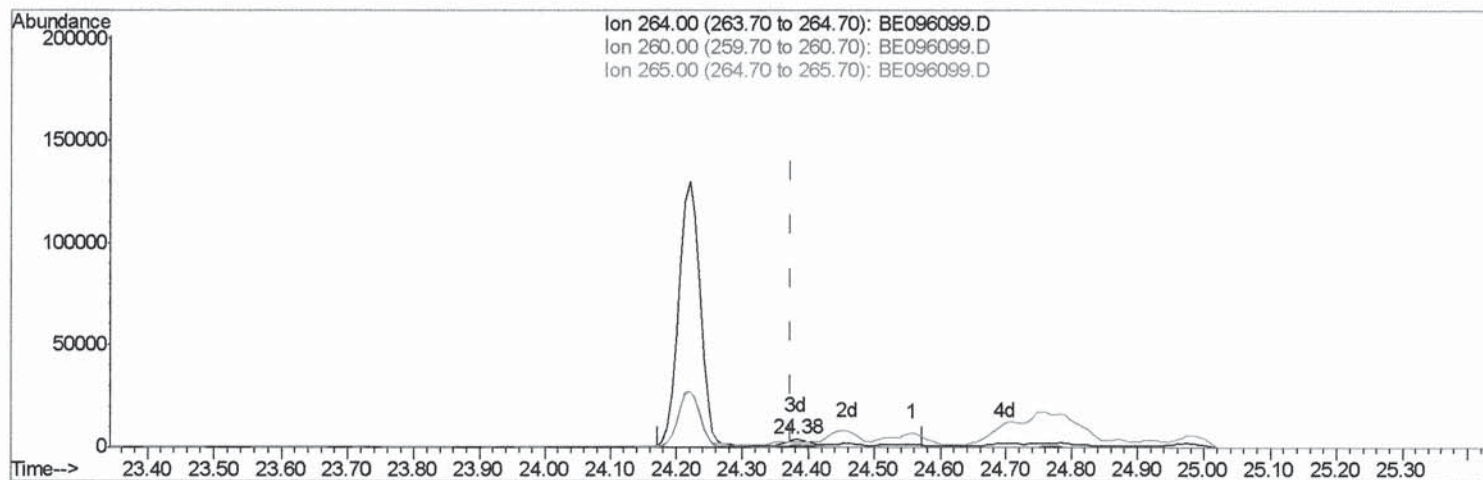
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:38:37 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(20) Perylene-d12 (I)

24.382min (+0.008) 0.40ng/ul m̄ SJ 4/24/18

response 6644

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 27.47  |
| 265.00 | 103.50 | 59.16# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

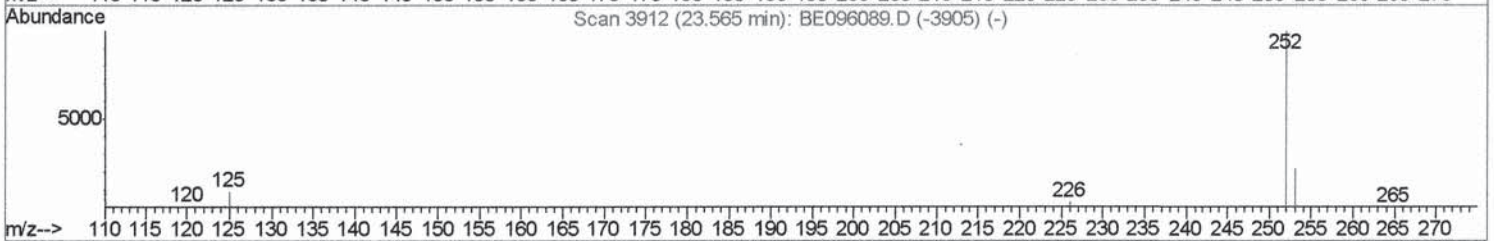
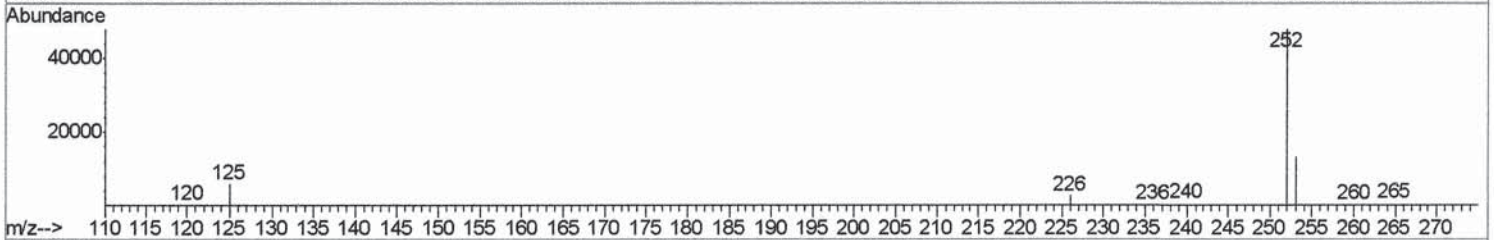
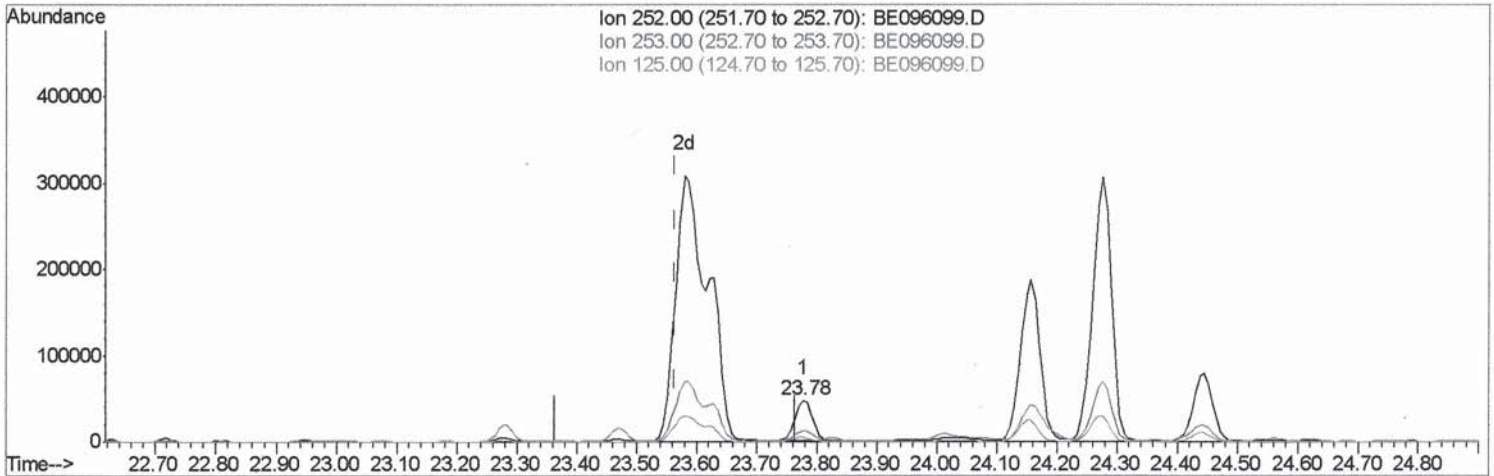
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(21) Benzo(b)fluoranthene  
 23.777min (+0.212) 4.61ng/ul  
 response 99027

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 27.84 |
| 125.00 | 17.50 | 12.47 |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

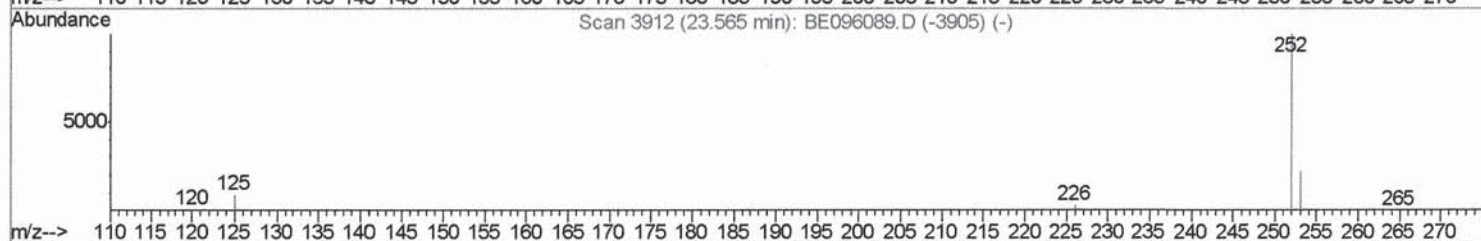
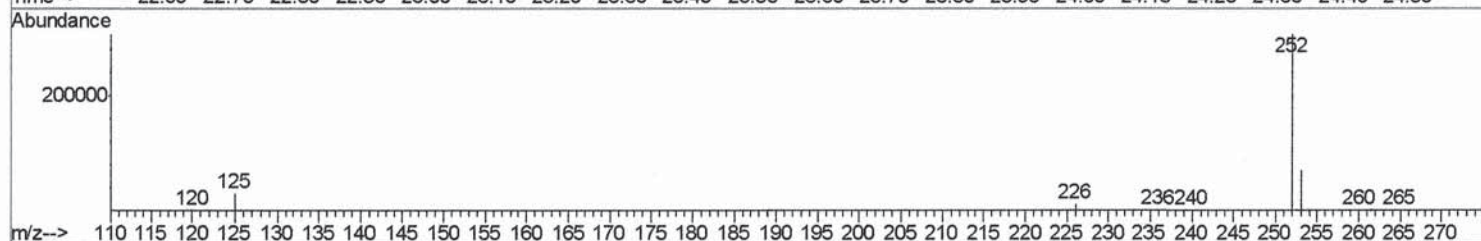
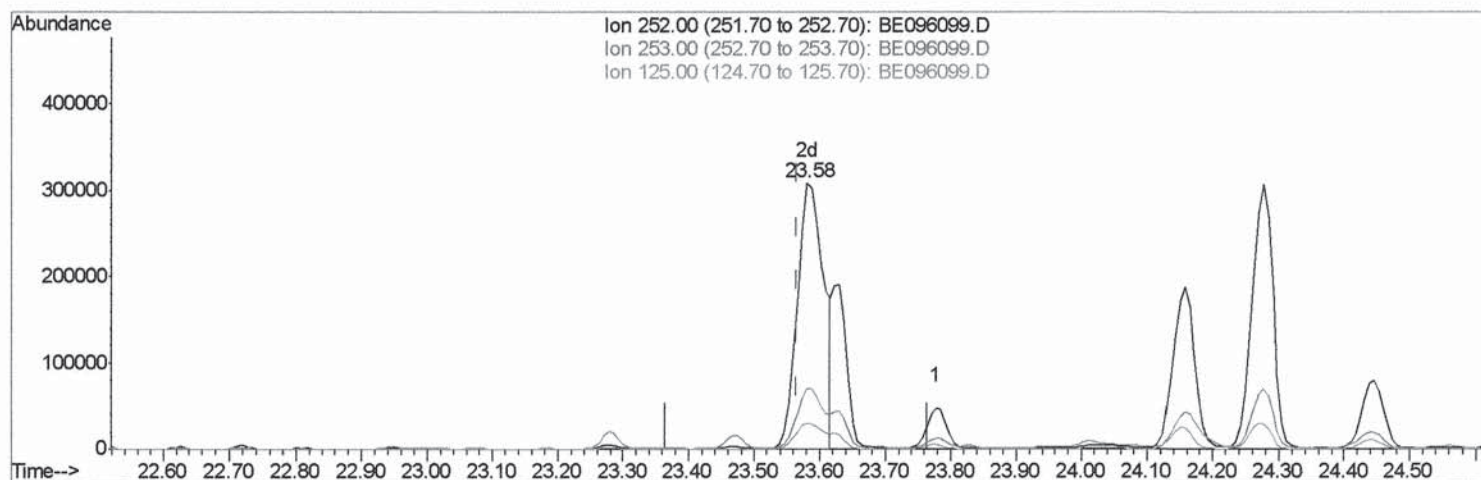
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(21) Benzo(b)fluoranthene

23.580min (+0.015) 40.72ng/ul m > SJ 4/24/18

response 875514

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 22.94 |
| 125.00 | 17.50 | 9.87  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

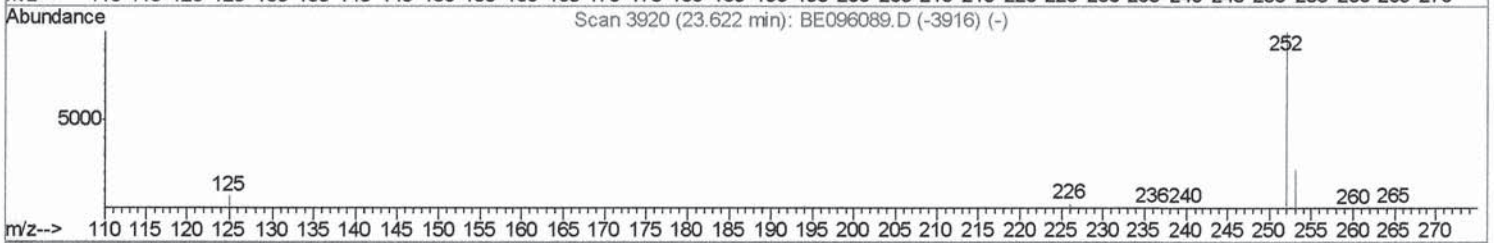
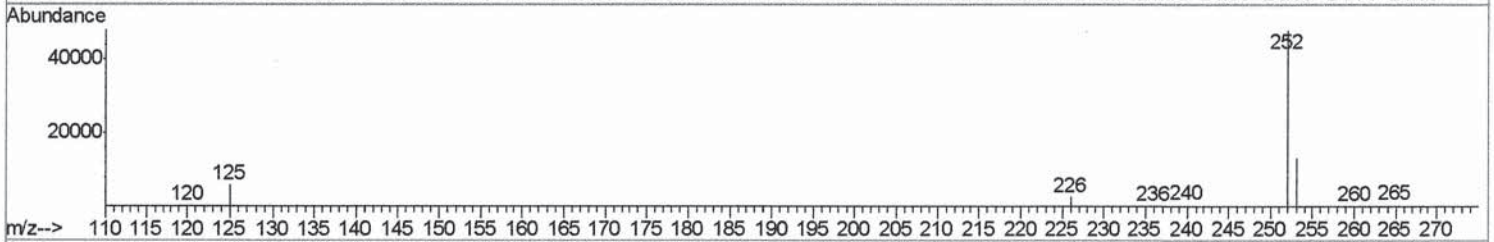
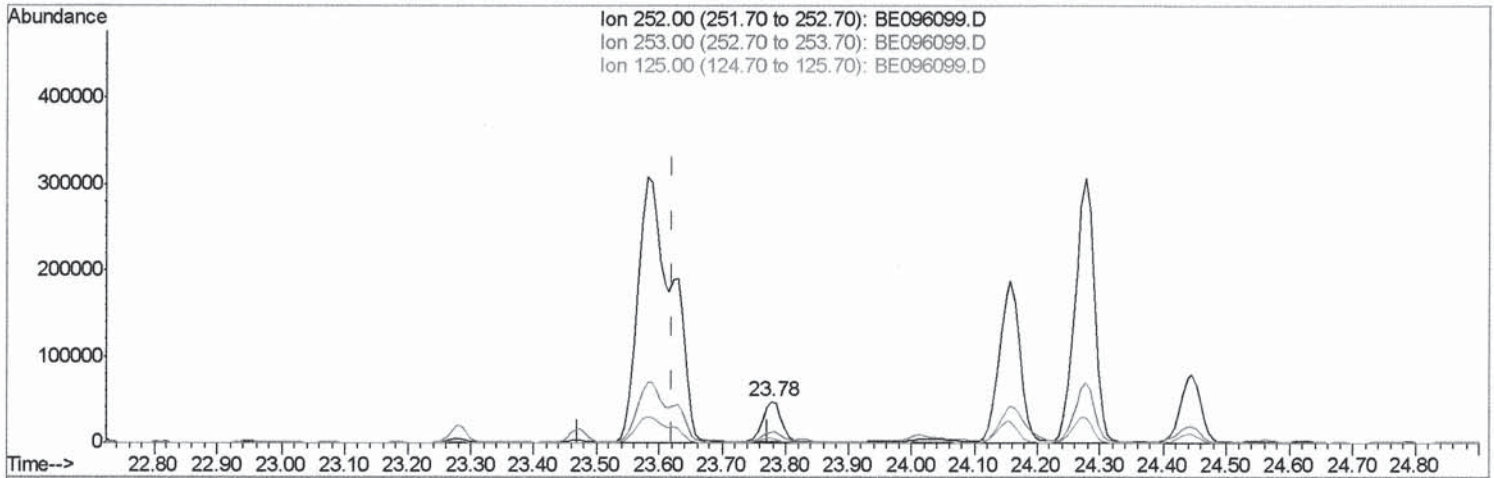
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(22) Benzo(k)fluoranthene  
 23.777min (+0.155) 4.62ng/ul  
 response 99027

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 27.84  |
| 125.00 | 17.10 | 12.47# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

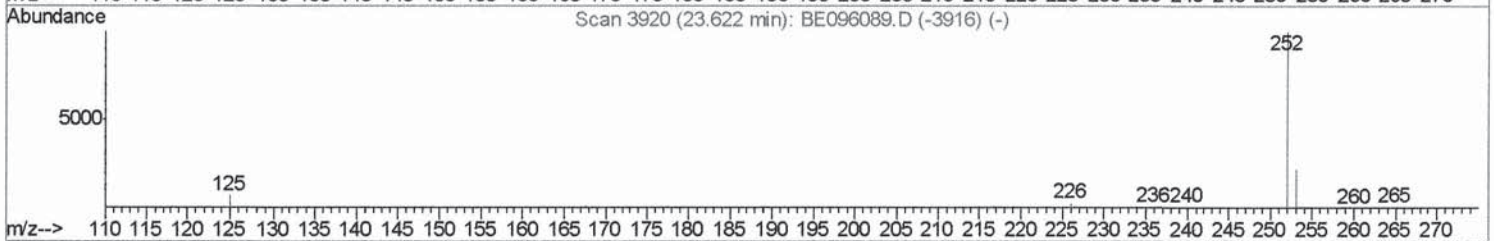
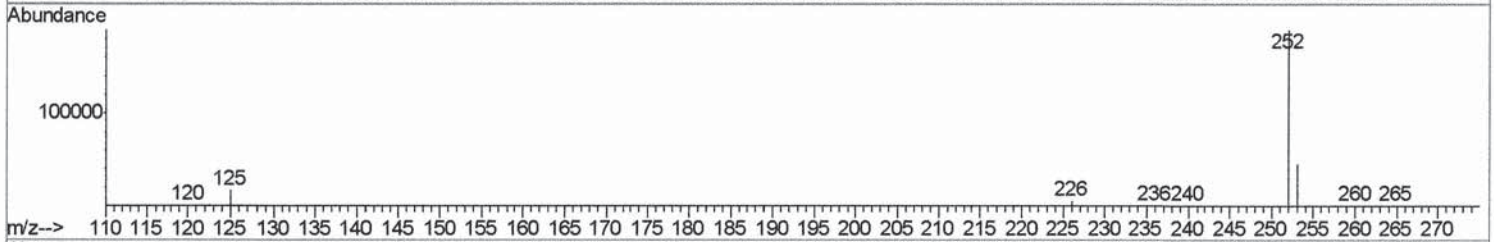
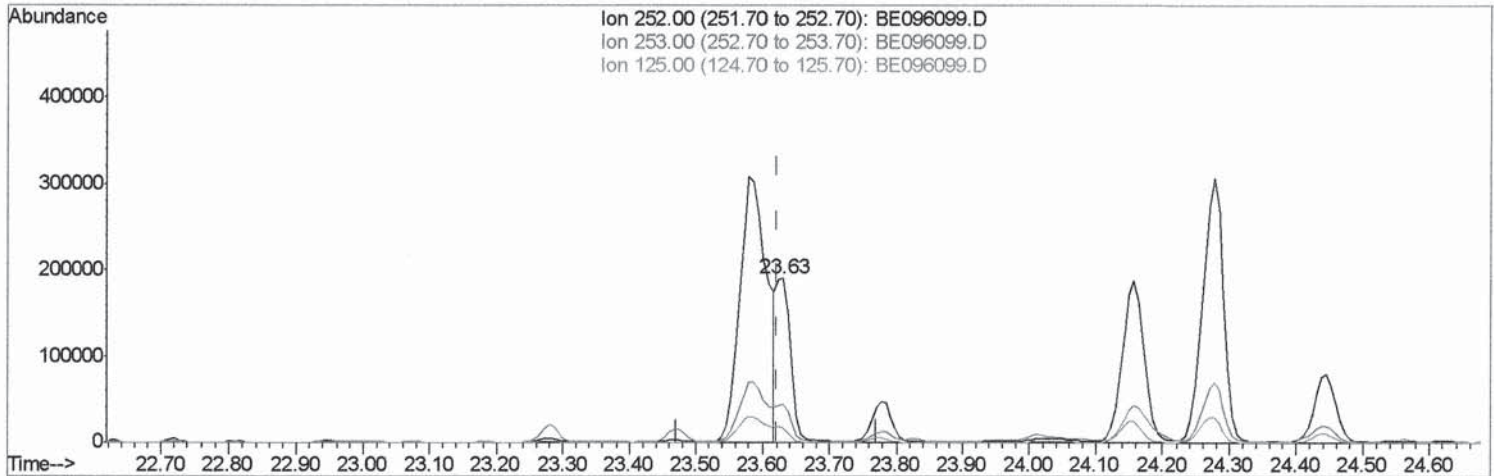
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(22) Benzo(k)fluoranthene

23.629min (+0.008) 12.90ng/ul m> SJ 4/24/18

response 276201

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 23.86# |
| 125.00 | 17.10 | 8.88#  |
| 0.00   | 0.00  | 0.00   |



# Quantitation Report (Qedit)

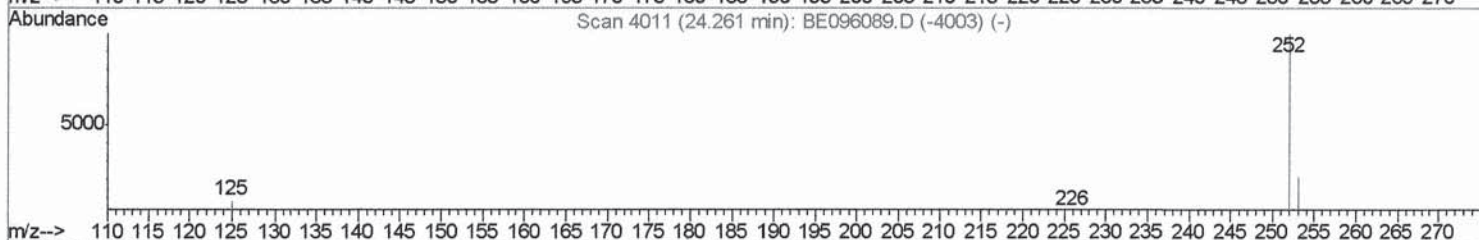
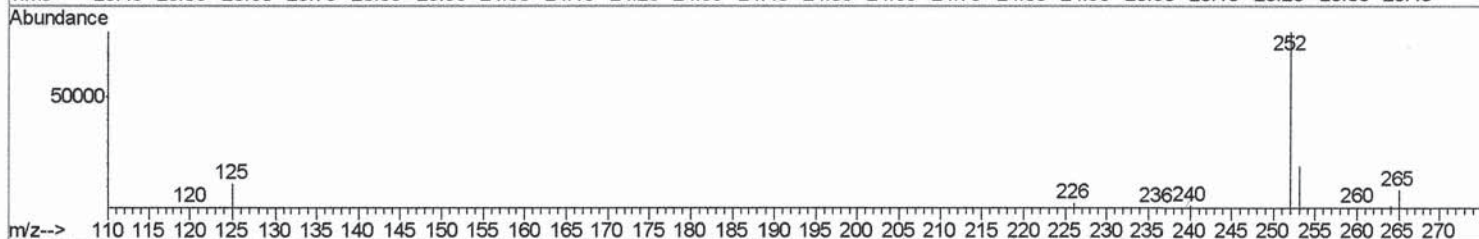
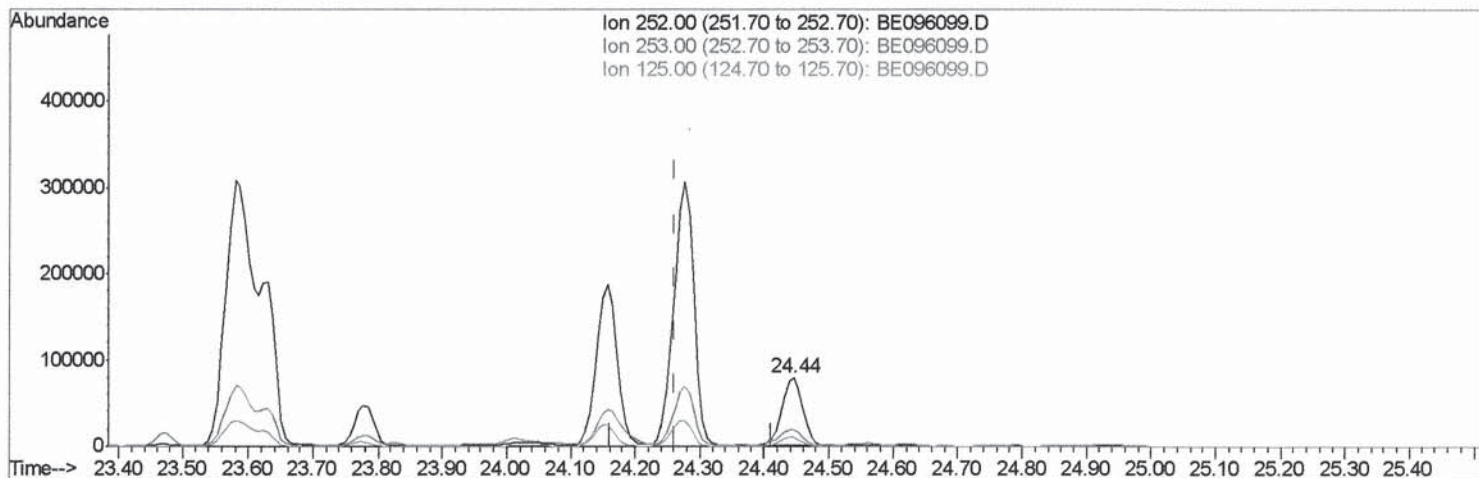
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(23) Benzo(a)pyrene (C)

24.445min (+0.183) 8.60ng/ul

response 178427

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 24.15# |
| 125.00 | 22.60 | 13.88# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

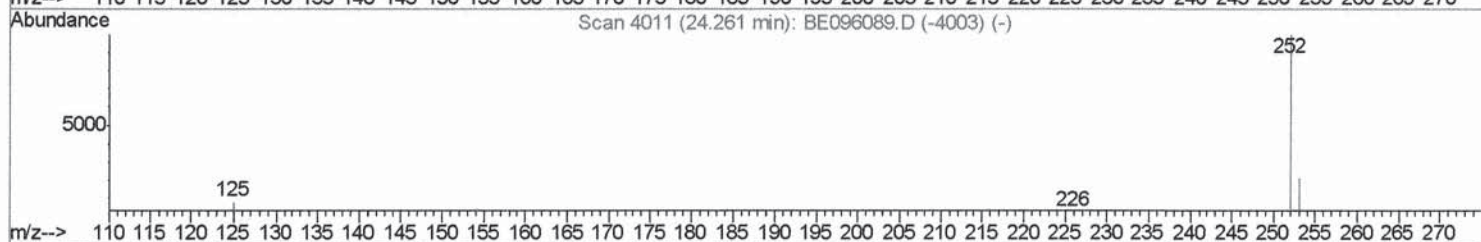
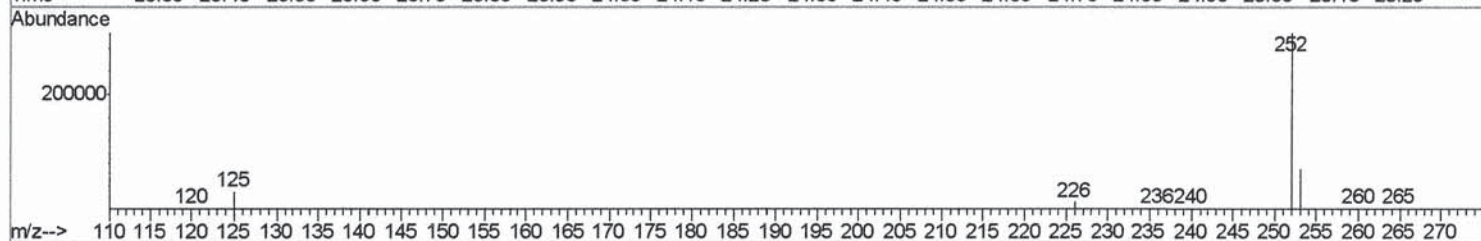
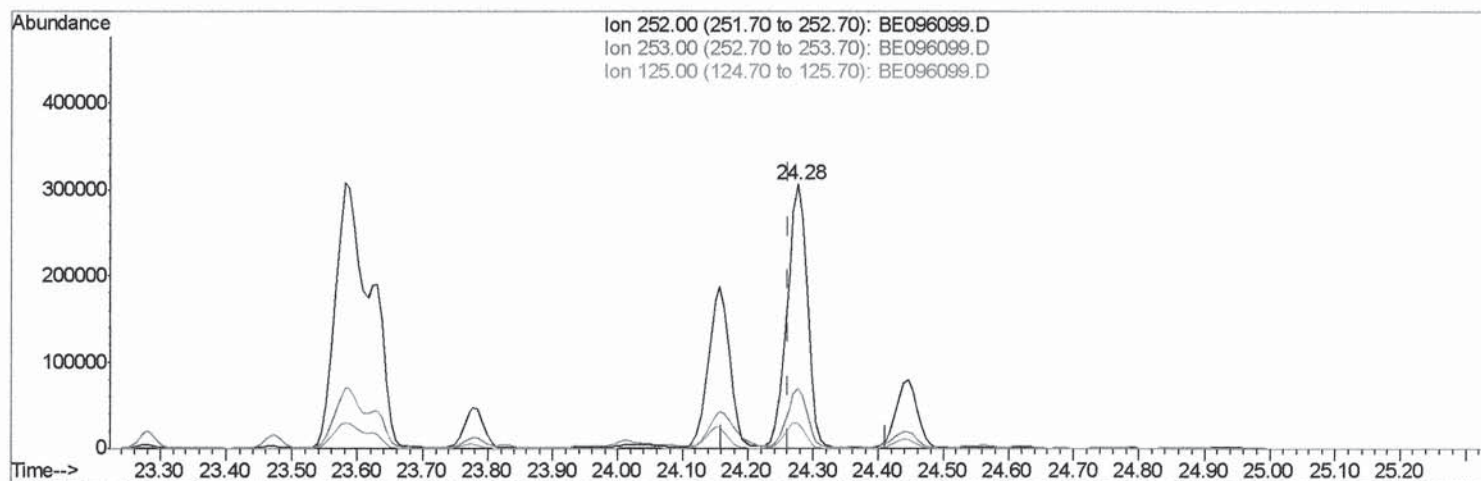
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(23) Benzo(a)pyrene (C)

24.276min (+0.015) 32.30ng/ul m> SJ 4/24/18

response 670155

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 22.93# |
| 125.00 | 22.60 | 9.81#  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

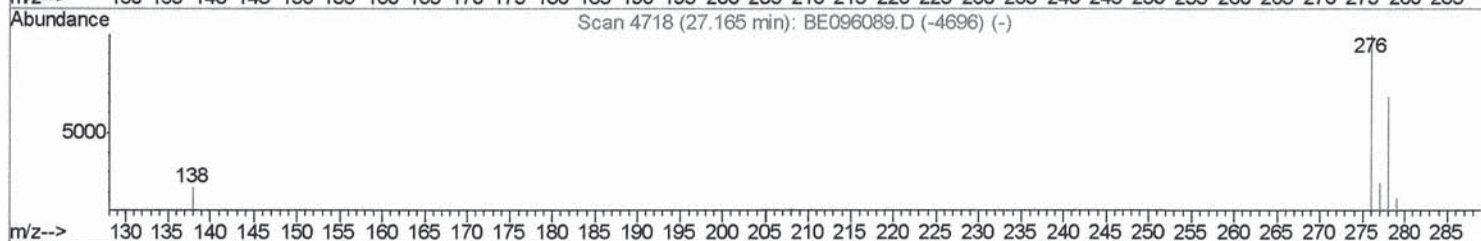
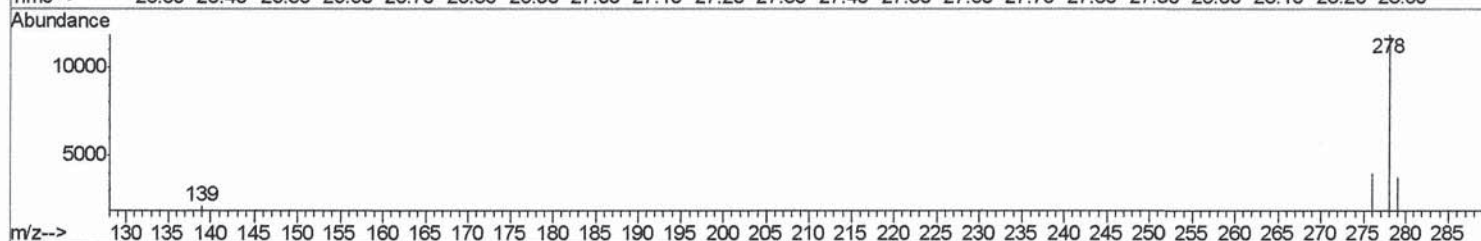
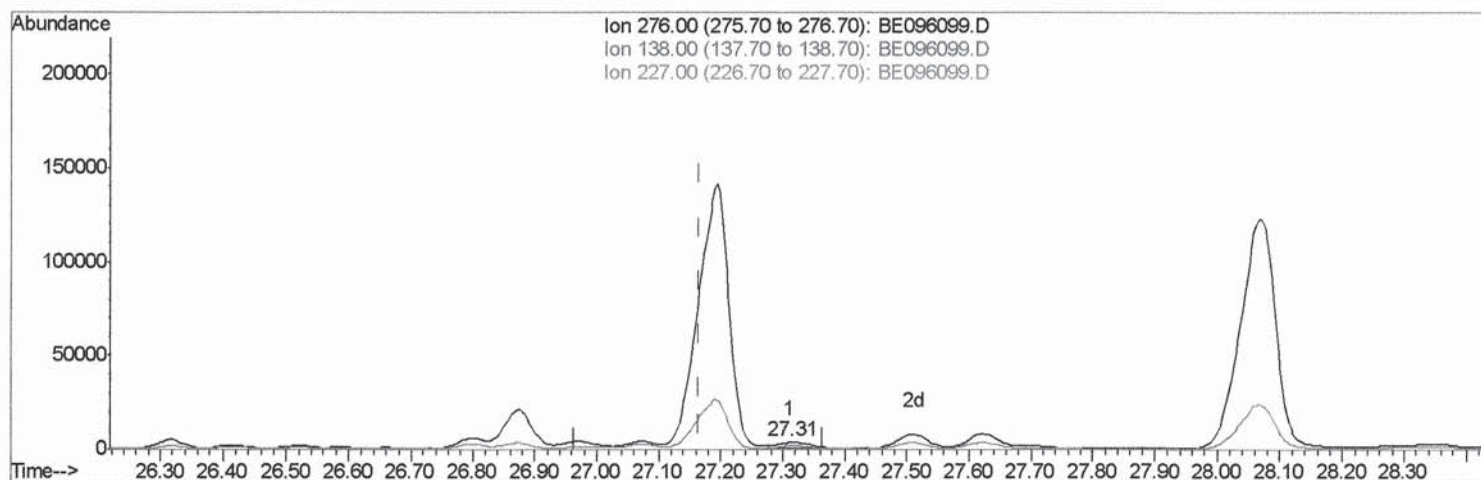
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

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

27.312min (+0.147) 0.53ng/ul

response 12270

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 35.00 | 46.98# |
| 227.00 | 10.00 | 0.00#  |
| 0.00   | 0.00  | 0.00   |



# Quantitation Report (Qedit)

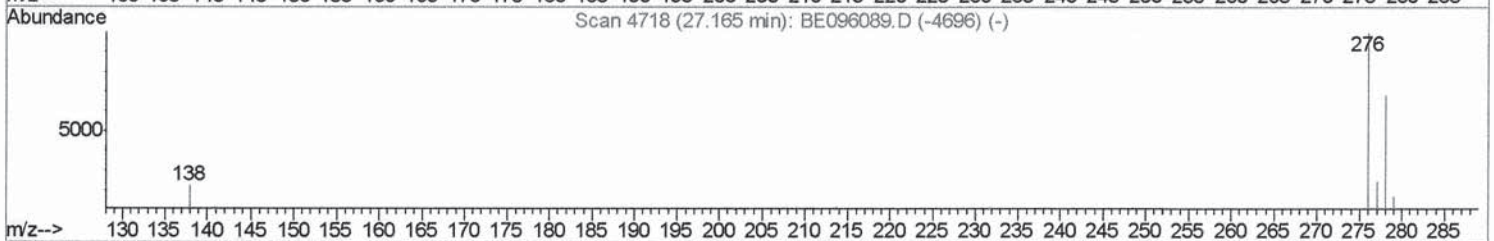
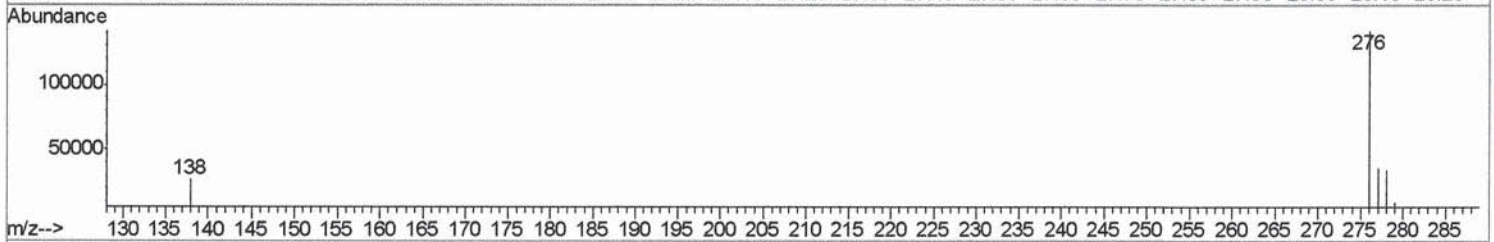
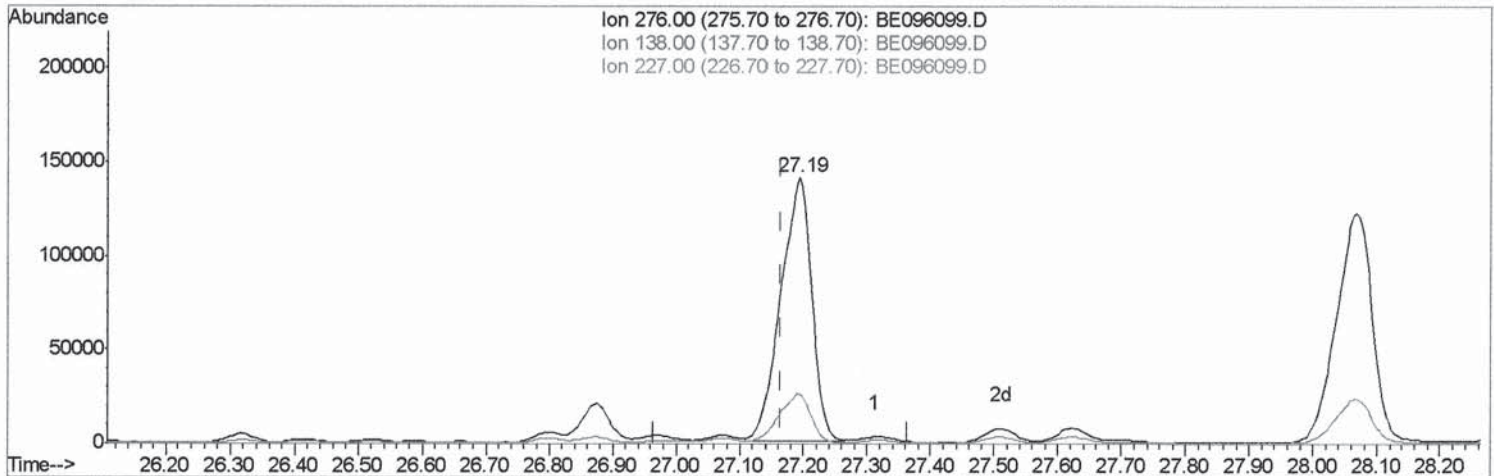
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

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

27.194min (+0.029) 20.49ng/ul m > SJ 4/24/18

response 472412

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 35.00 | 1.22# |
| 227.00 | 10.00 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

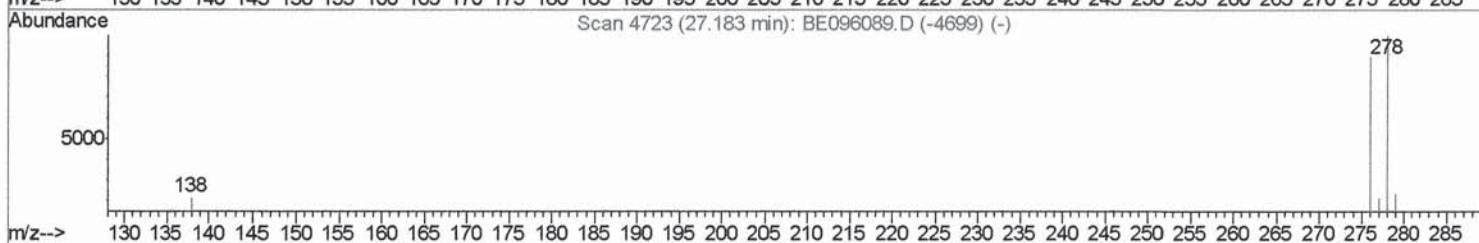
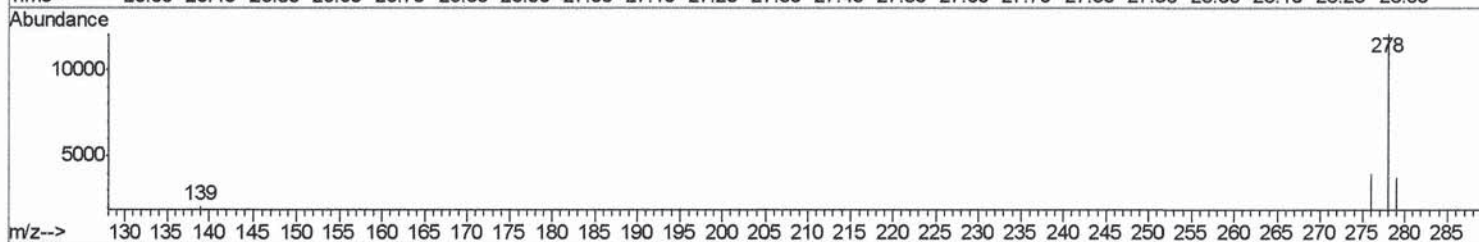
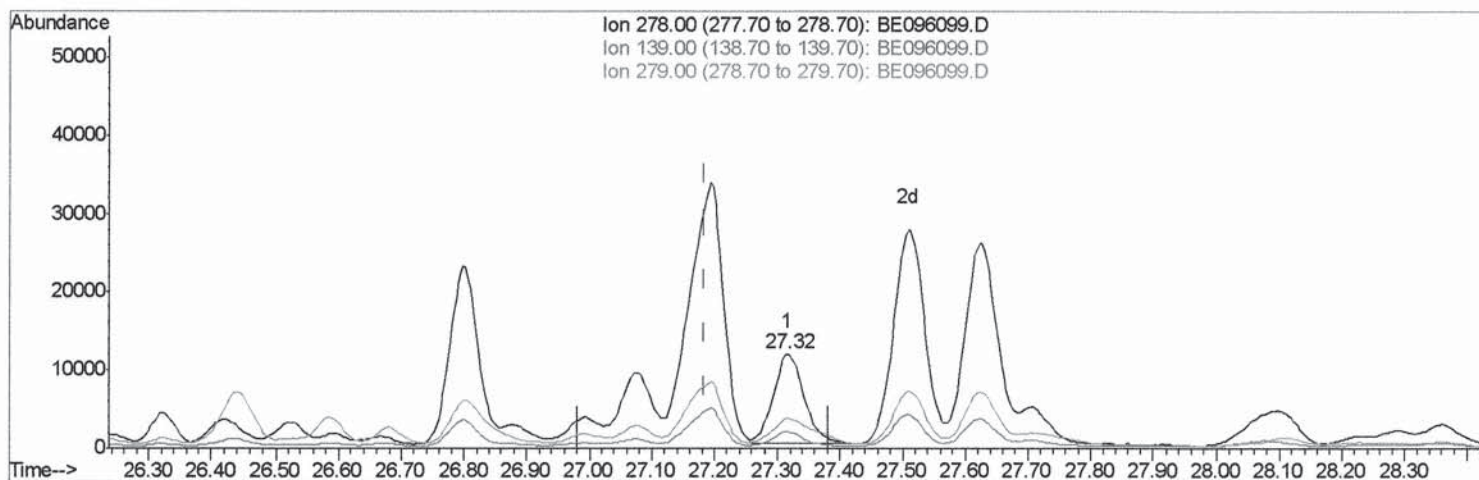
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

(25) Dibenzo(a,h)anthracene

27.315min (+0.132) 2.09ng/ul

response 38880

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 21.70 | 17.55 |
| 279.00 | 32.40 | 31.45 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

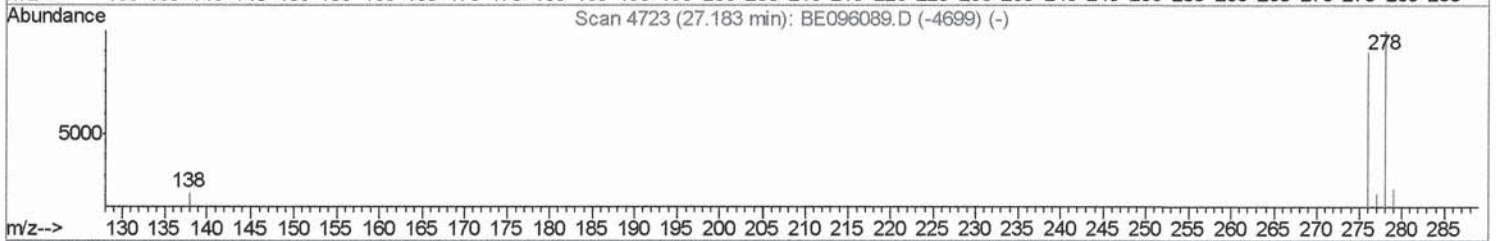
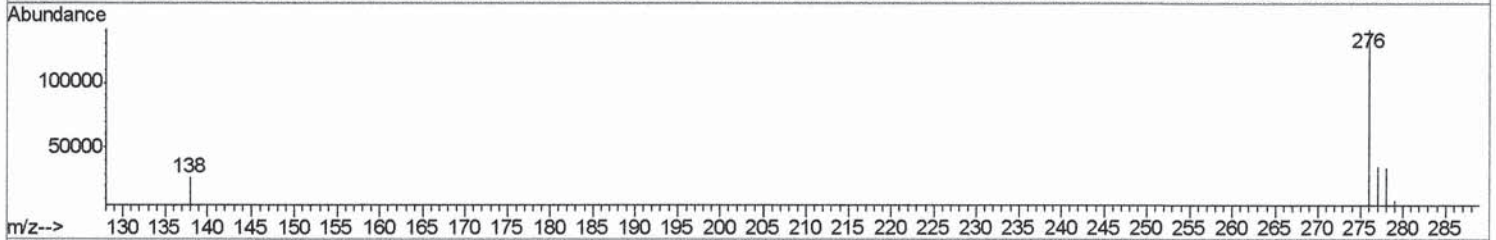
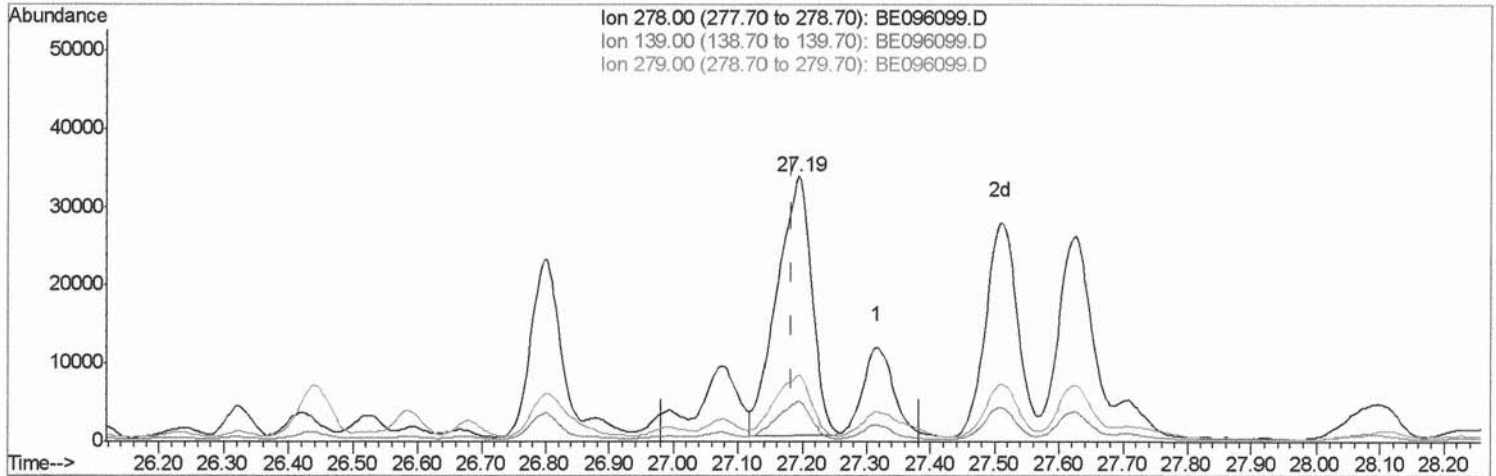
Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.194min (+0.011) 6.65ng/ul m> SJ 4/24/18

response 123424

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 21.70 | 15.41# |
| 279.00 | 32.40 | 25.42# |
| 0.00   | 0.00  | 0.00   |



# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

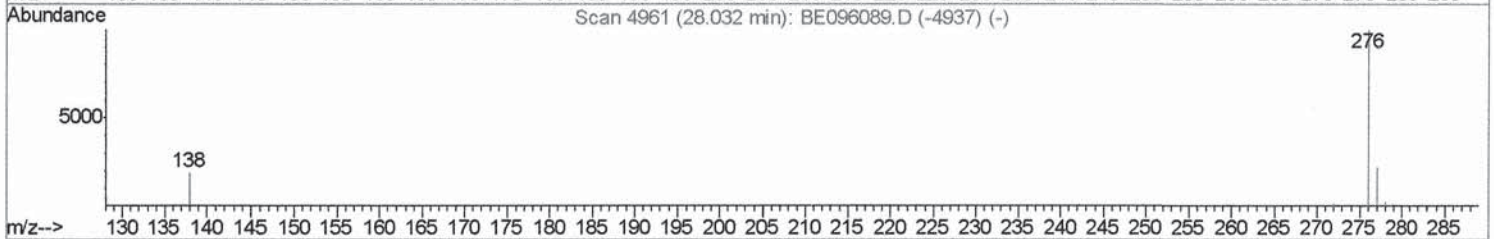
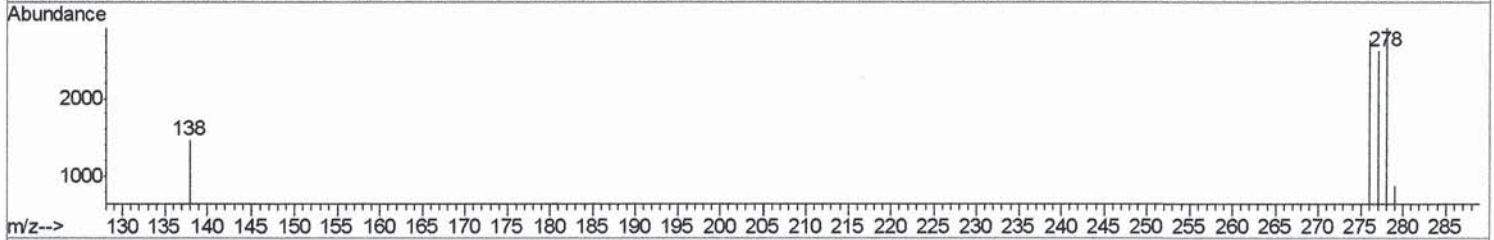
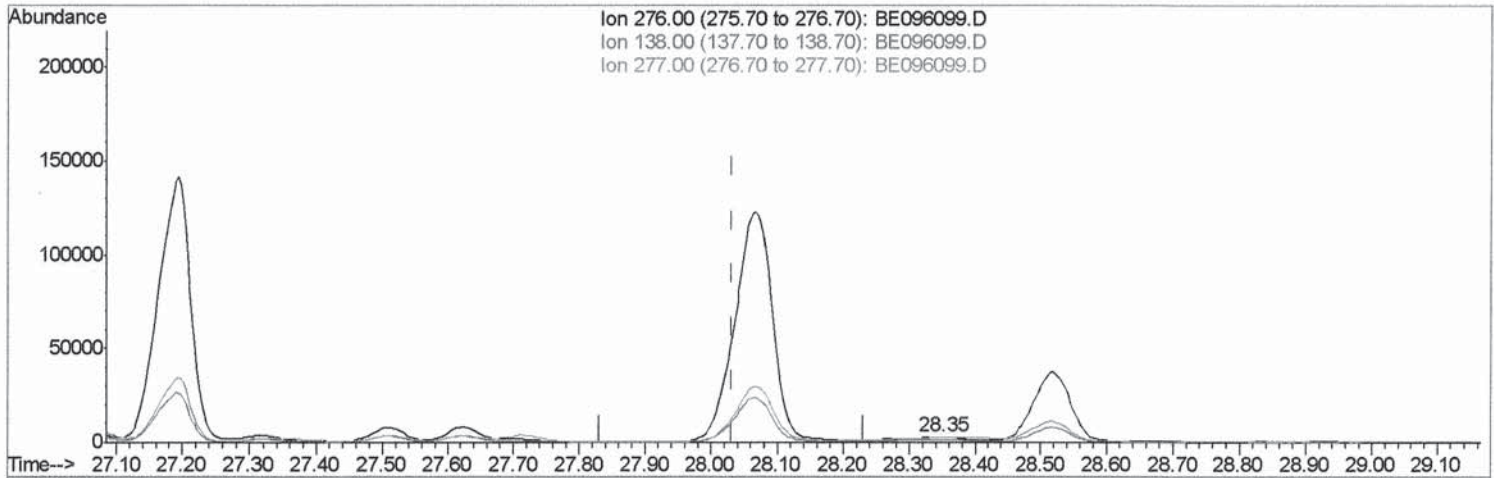
Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

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

28.350min (+0.318) 0.48ng/ul

response 9225

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 27.30 | 52.75# |
| 277.00 | 25.60 | 94.90# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

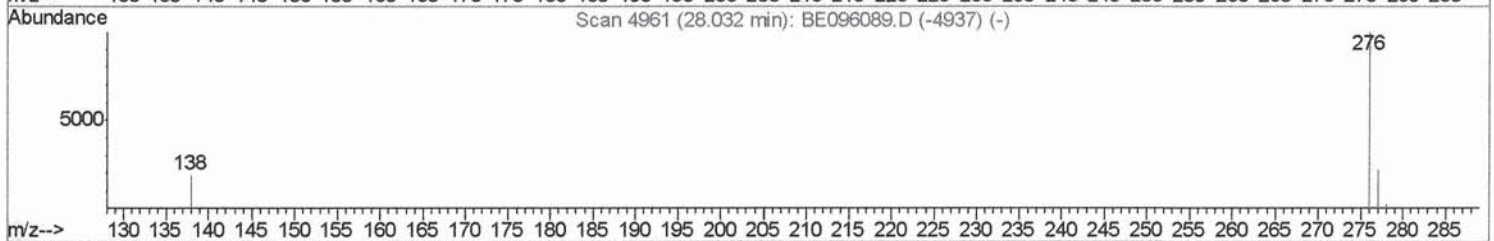
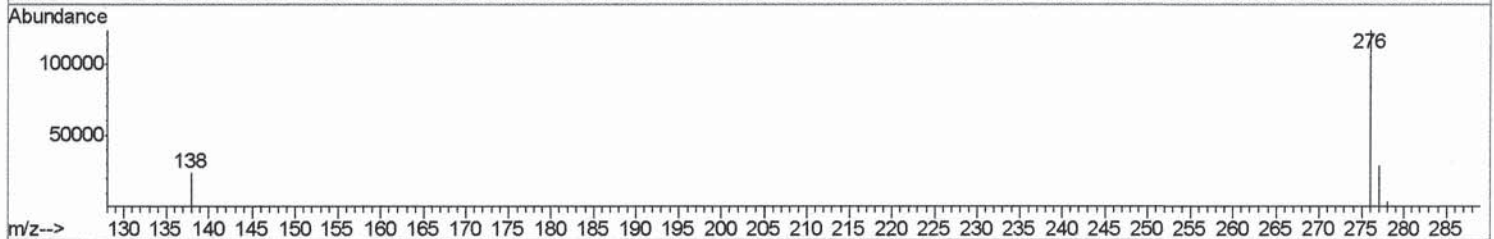
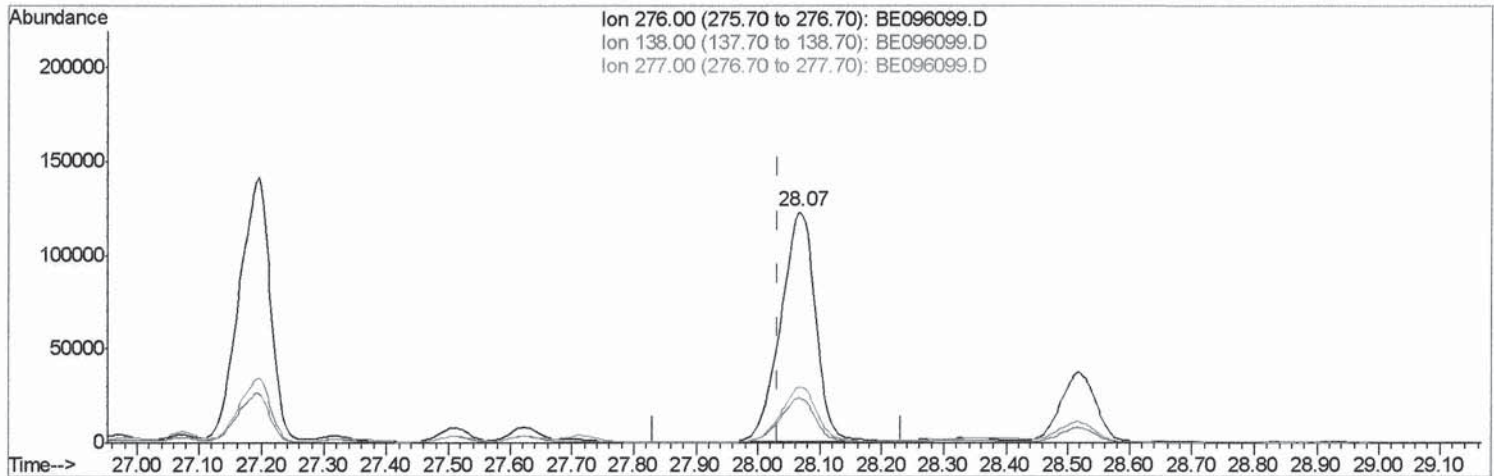
Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:40:16 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration



TIC: BE096099.D

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

28.068min (+0.036) 24.95ng/ul m> SJ 4/24/18

response 480538

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 27.30 | 19.50# |
| 277.00 | 25.60 | 24.16  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE042318\  
 Data File : BE096099.D  
 Acq On : 23 Apr 2018 23:38  
 Operator : SJ/JU  
 Sample : J2434-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AC5

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:10:57 PM

4/24/2018 7:10:57 PM

Quant Time: Apr 24 14:42:57 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 06:59:54 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.38  | 152  | 2082     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.20 | 136  | 5831     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.97 | 164  | 3389     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.68 | 188  | 7637m    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.77 | 240  | 7174m    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.38 | 264  | 6644m    | 0.40 | ng/ul | 0.00     |

SJ 4/24/18

## System Monitoring Compounds

|                            |       |     |       |      |       |      |
|----------------------------|-------|-----|-------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 12.76 | 152 | 1840  | 0.17 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 19.66 | 212 | 5028m | 0.16 | ng/ul | 0.00 |

SJ 4/24/18

## Target Compounds

|                            |       |     |         |        | Qvalue |     |
|----------------------------|-------|-----|---------|--------|--------|-----|
| 3) Naphthalene             | 11.25 | 128 | 5069    | 0.311  | ng/ul# | 89  |
| 5) 2-Methylnaphthalene     | 12.83 | 142 | 3189    | 0.289  | ng/ul  | 100 |
| 7) Acenaphthylene          | 14.70 | 152 | 2109    | 0.120  | ng/ul  | 93  |
| 8) Acenaphthene            | 15.03 | 153 | 15179   | 1.204  | ng/ul  | 96  |
| 9) Fluorene                | 15.99 | 166 | 7508    | 0.527  | ng/ul# | 92  |
| 12) Phenanthrene           | 17.72 | 178 | 139536m | 6.199  | ng/ul  |     |
| 13) Anthracene             | 17.80 | 178 | 34865m  | 1.556  | ng/ul  |     |
| 15) Fluoranthene           | 19.69 | 202 | 572306m | 18.687 | ng/ul  |     |
| 17) Pyrene                 | 20.04 | 202 | 588910  | 24.158 | ng/ul# | 78  |
| 18) Benzo(a)anthracene     | 21.75 | 228 | 530077m | 18.289 | ng/ul  |     |
| 19) Chrysene               | 21.81 | 228 | 493146  | 23.641 | ng/ul  | 97  |
| 21) Benzo(b)fluoranthene   | 23.58 | 252 | 875514m | 40.723 | ng/ul  |     |
| 22) Benzo(k)fluoranthene   | 23.63 | 252 | 276201m | 12.896 | ng/ul  |     |
| 23) Benzo(a)pyrene         | 24.28 | 252 | 670155m | 32.303 | ng/ul  |     |
| 24) Indeno(1,2,3-cd)pyrene | 27.19 | 276 | 472412m | 20.490 | ng/ul  |     |
| 25) Dibenzo(a,h)anthracene | 27.19 | 278 | 123424m | 6.648  | ng/ul  |     |
| 26) Benzo(g,h,i)perylene   | 28.07 | 276 | 480538m | 24.952 | ng/ul  |     |

SJ 4/24/18

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