

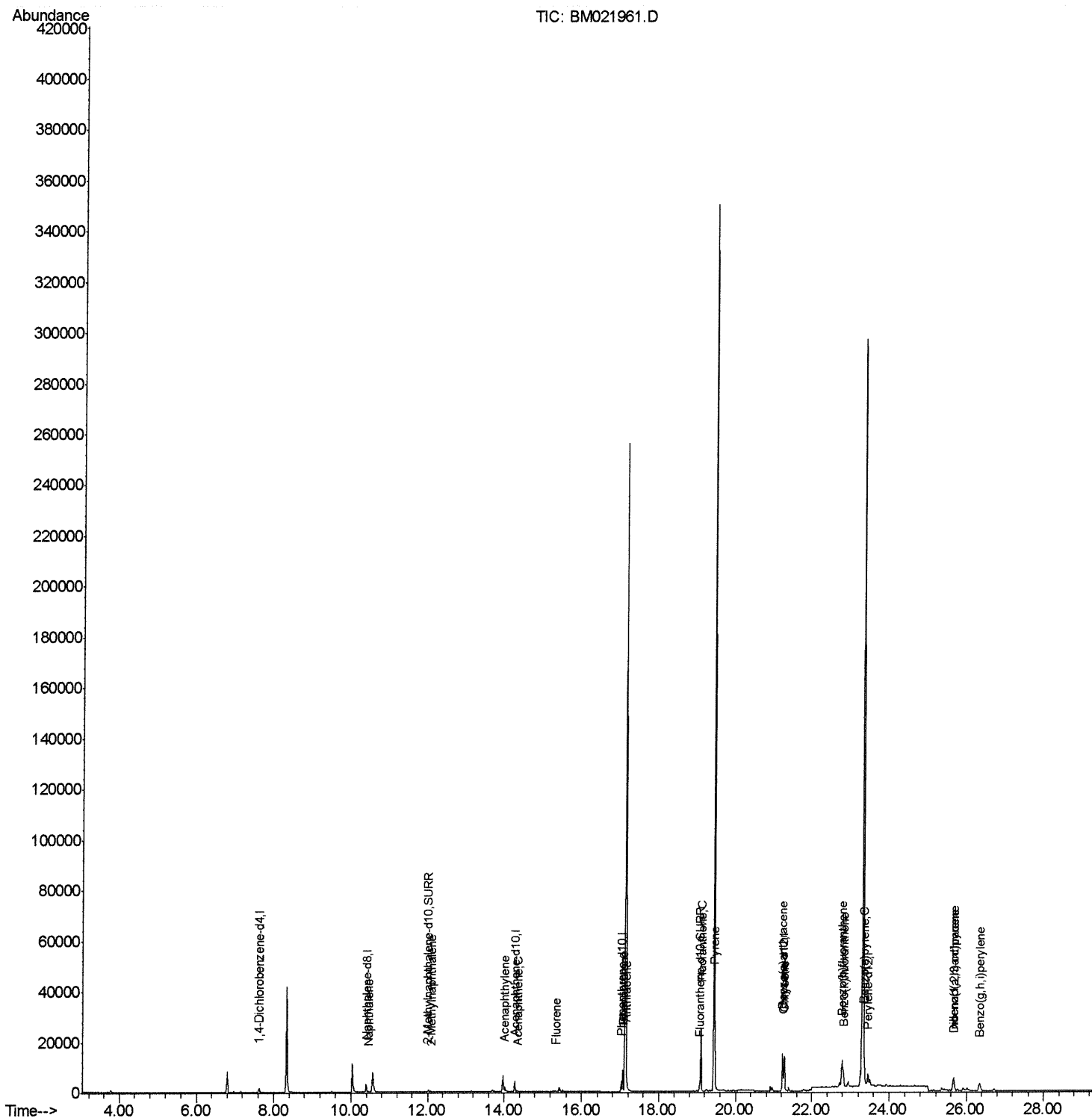
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
Data File : BM021961.D  
Acq On : 09 Aug 2019 09:19  
Operator : HP/JU  
Sample : K4029-01  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BENQ8

Manual Integrations  
APPROVED

Sohil  
8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:15:12 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 09 01:29:50 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

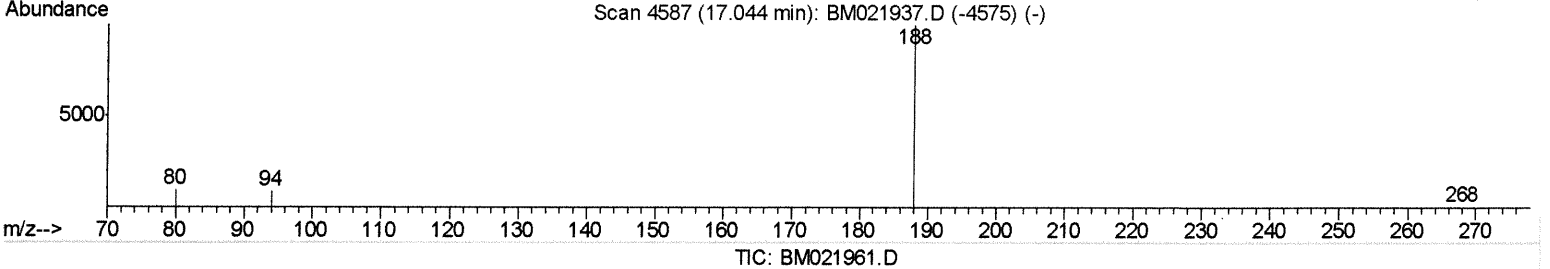
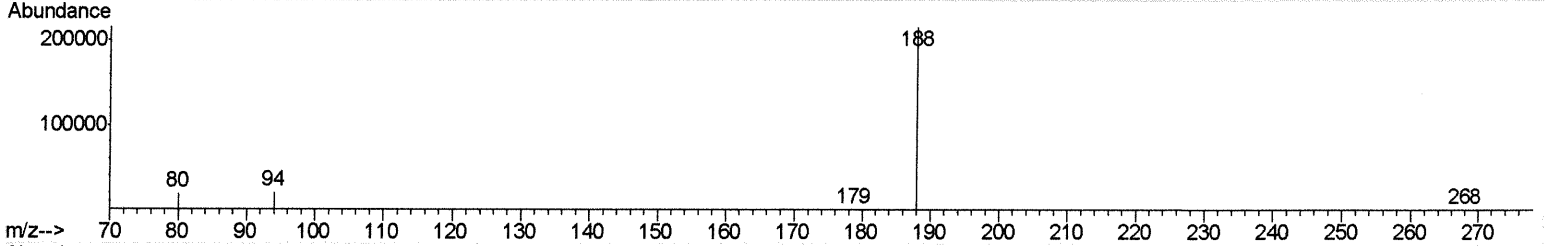
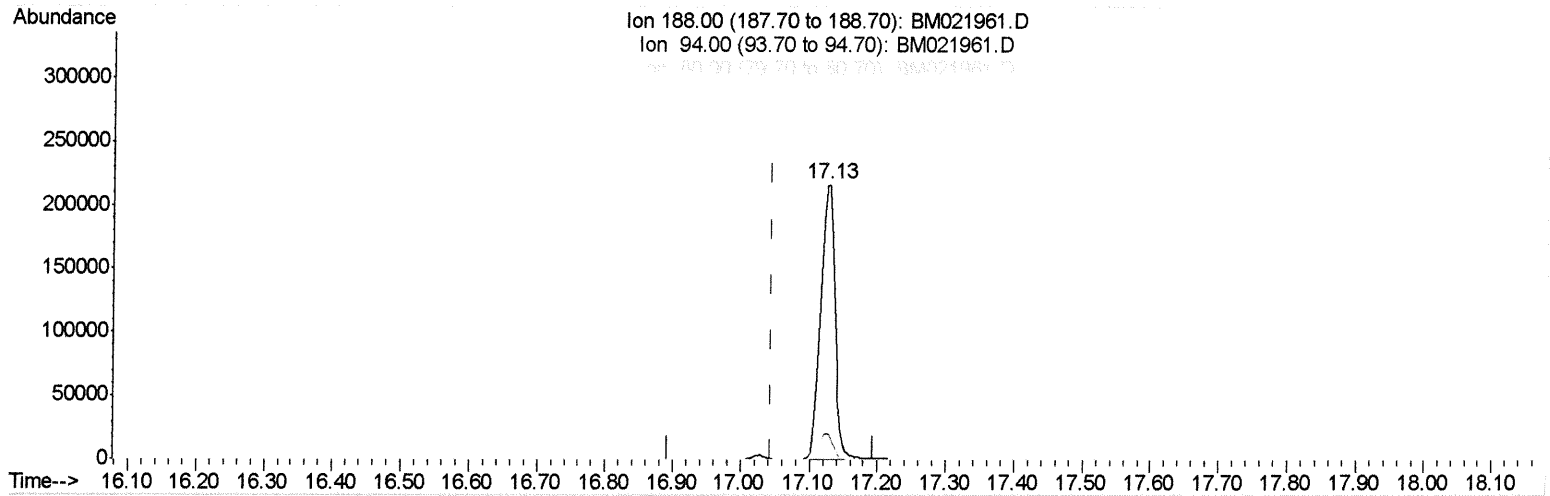
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 BENQ8

**Manual Integrations**  
**APPROVED**

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:10:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)  
 17.128min (+0.083) 0.40ng/ul  
 response 307586

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.40 | 8.98  |
| 80.00  | 11.40 | 8.49# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

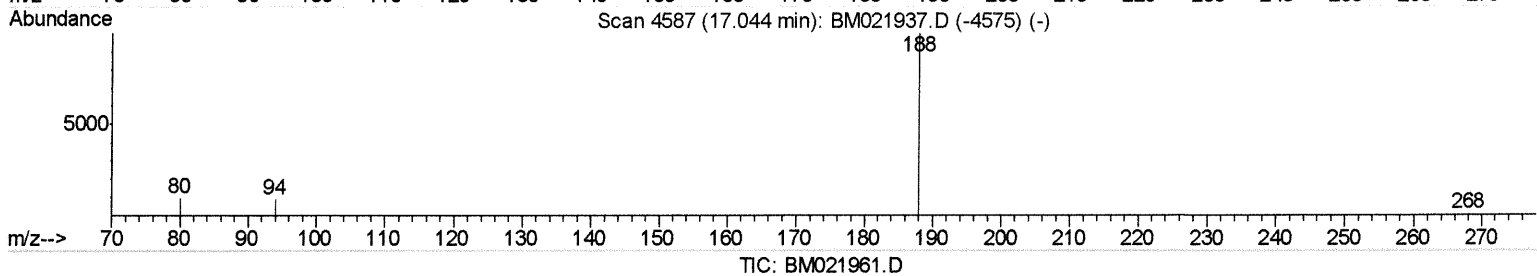
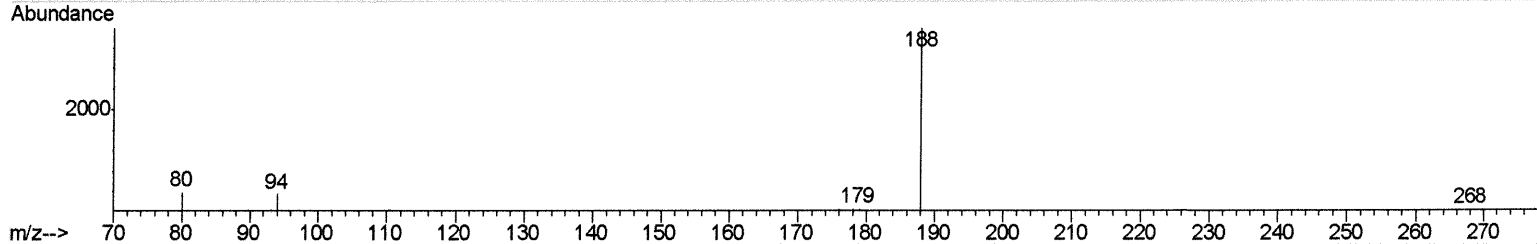
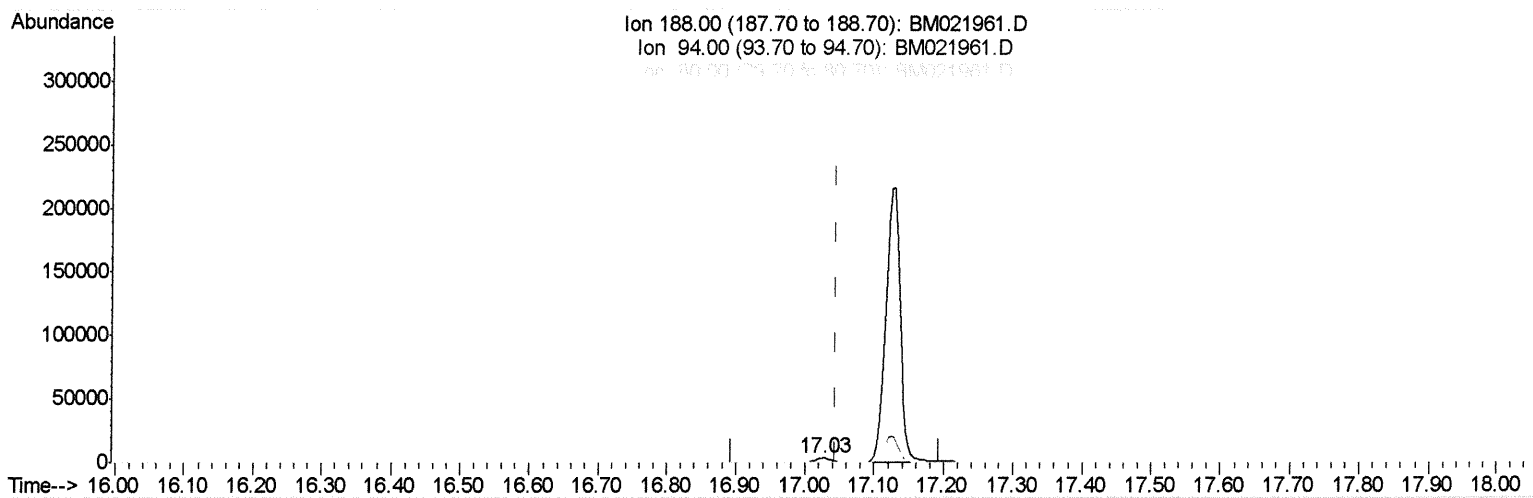
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
Data File : BM021961.D  
Acq On : 09 Aug 2019 09:19  
Operator : HP/JU  
Sample : K4029-01  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BENQ8

Manual Integrations  
APPROVED

Sohil  
8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:10:29 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 09 01:29:50 2019  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.027min (-0.017) 0.40ng/ul m *50* *08/09/19*

response 5189

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.40 | 10.02 |
| 80.00  | 11.40 | 10.94 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

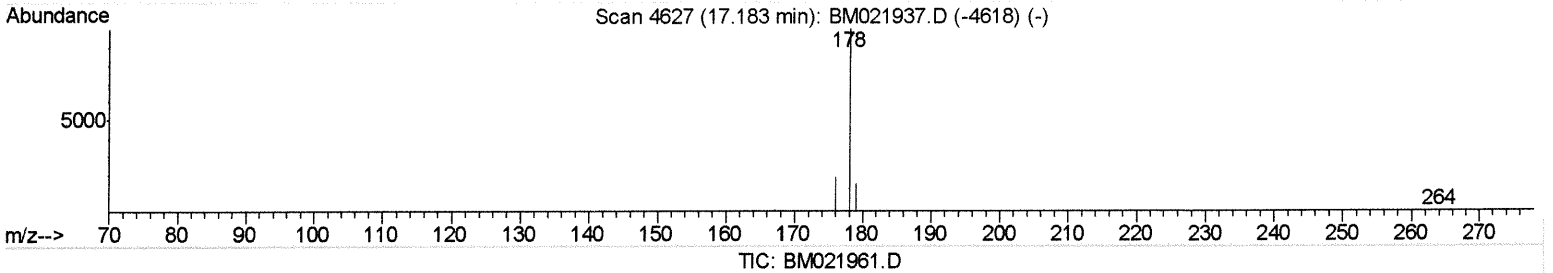
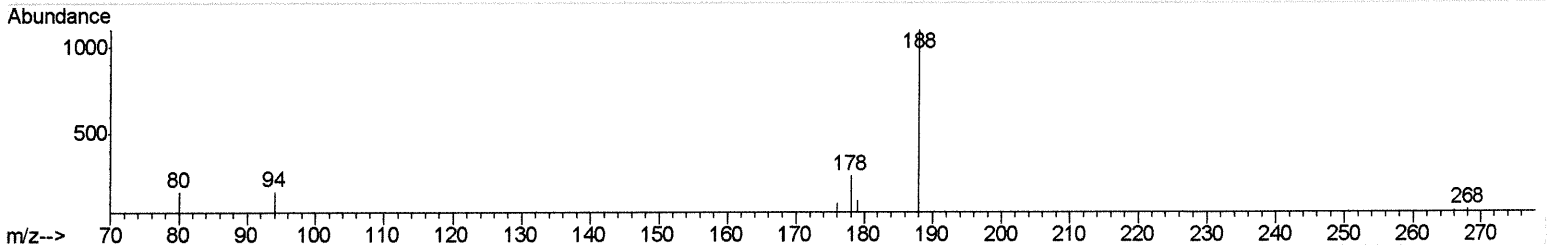
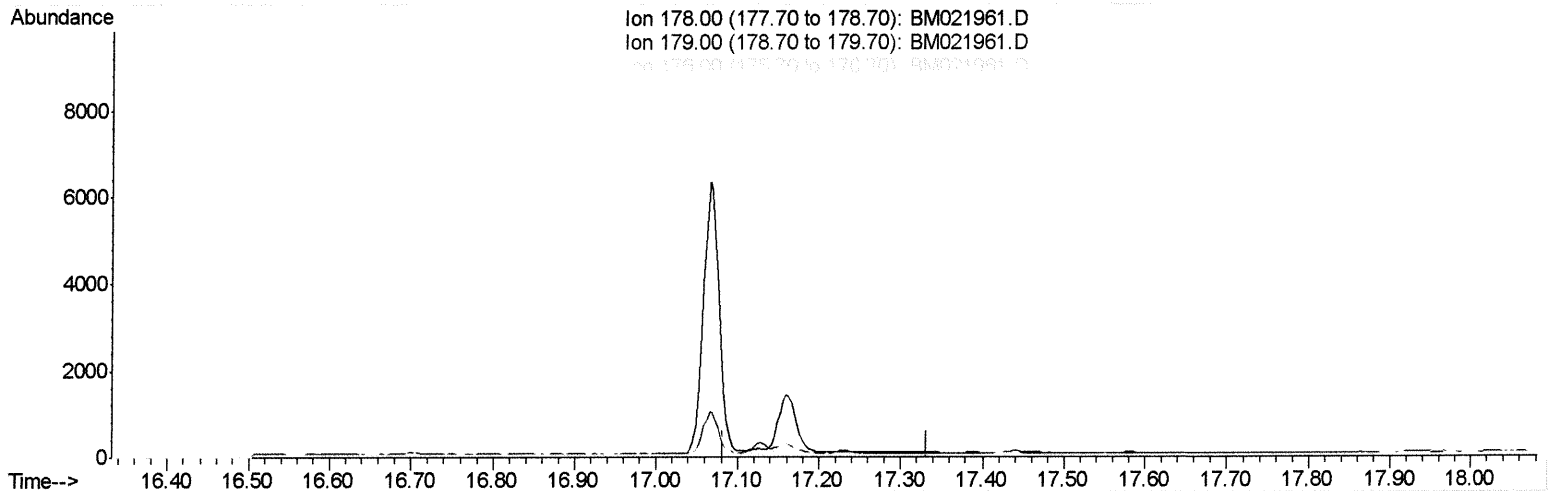
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:11:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(13) Anthracene

17.183min (-17.183) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 0.00  |
| 179.00 | 19.40 | 0.00# |
| 176.00 | 20.80 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

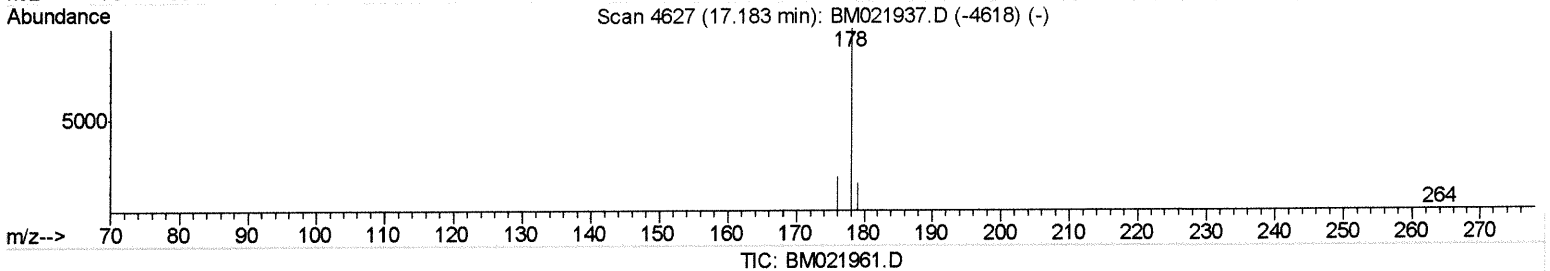
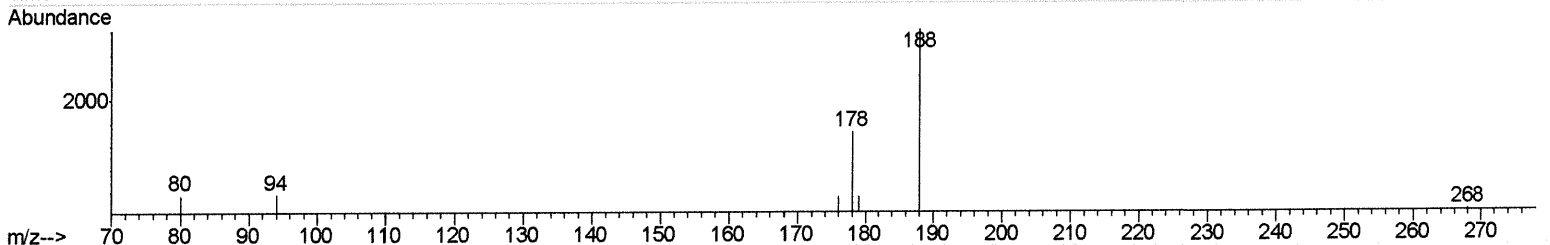
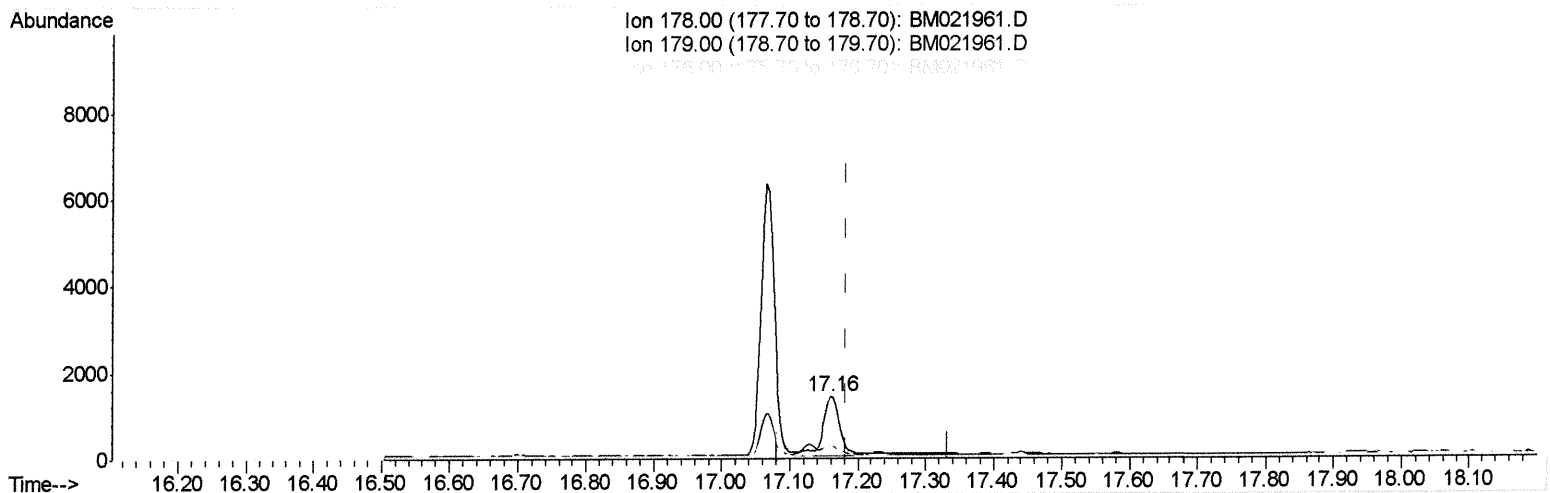
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:11:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(13) Anthracene

17.159min (-0.024) 0.19ng/ul m *JU 08/09/19*

response 2404

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 19.40 | 21.42 |
| 176.00 | 20.80 | 22.25 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

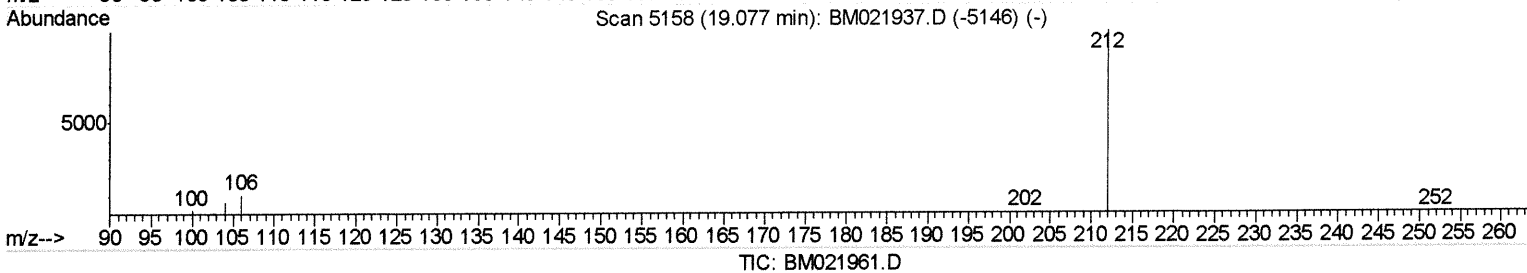
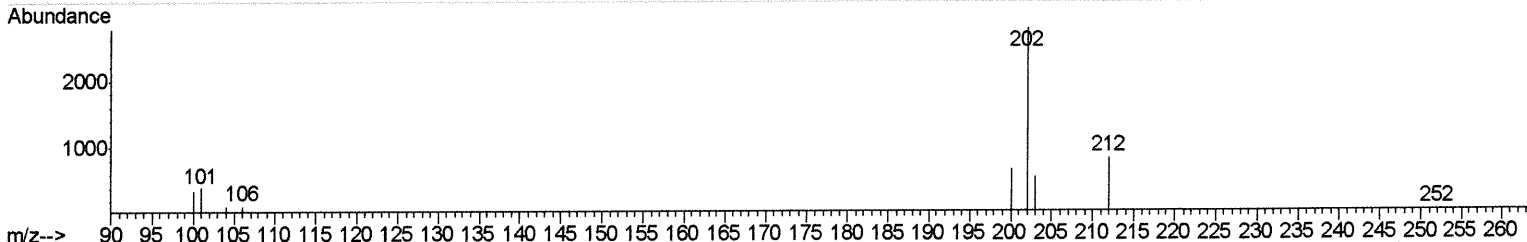
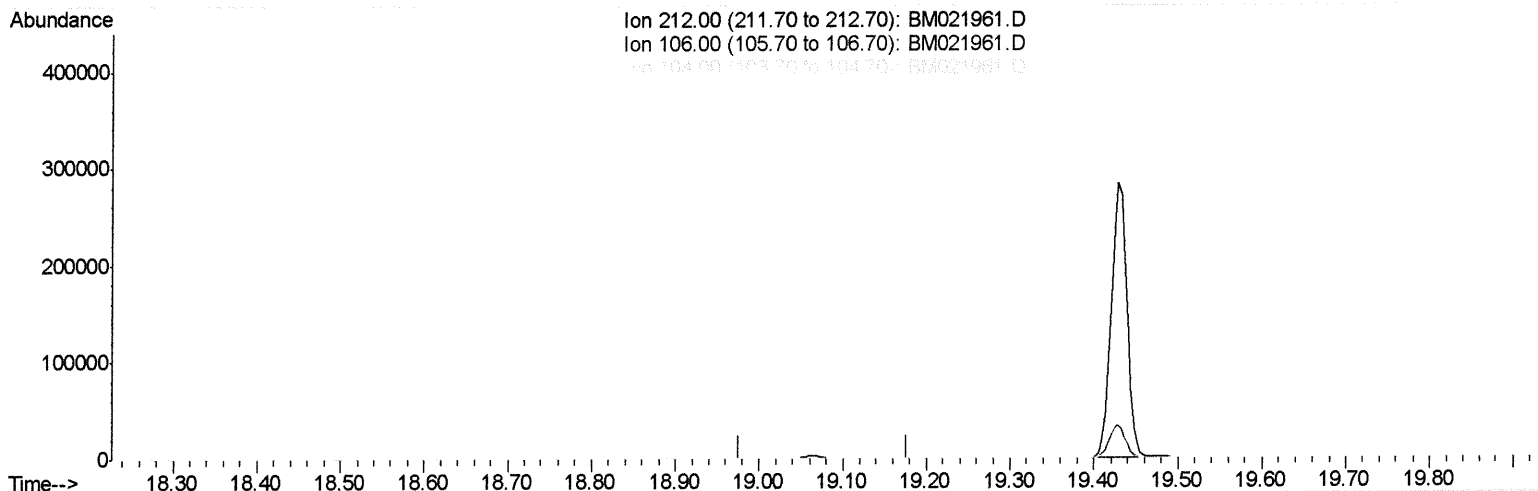
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:11:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.077min (-19.077) 0.00ng/ui

response 0

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 212.00 | 100  | 0.00  |
| 106.00 | 9.90 | 0.00# |
| 104.00 | 6.00 | 0.00# |
| 0.00   | 0.00 | 0.00  |

# Quantitation Report (Qedit)

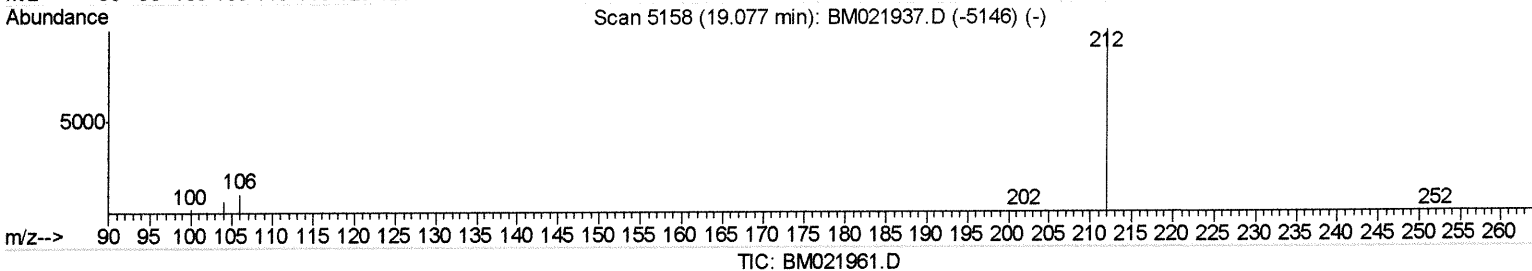
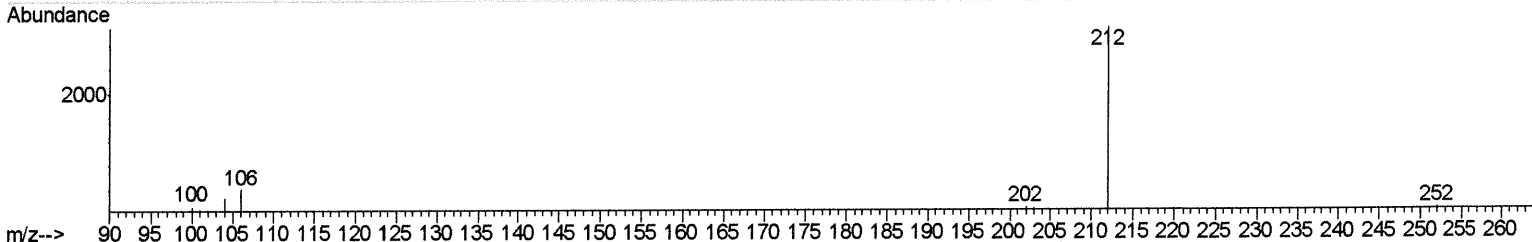
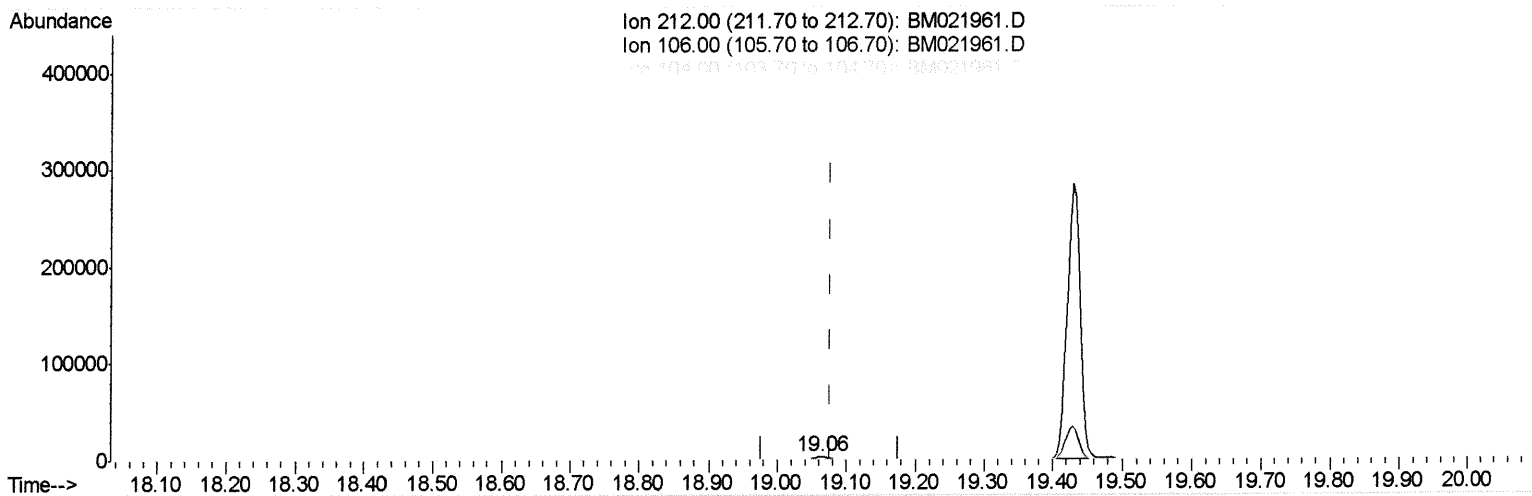
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:11:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



TIC: BM021961.D

(14) Fluoranthene-d10 (SURR)

19.062min (-0.015) 0.25ng/ul m

response 4294

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 212.00 | 100  | 100   |
| 106.00 | 9.90 | 0.00# |
| 104.00 | 6.00 | 0.00# |
| 0.00   | 0.00 | 0.00  |

# Quantitation Report (Qedit)

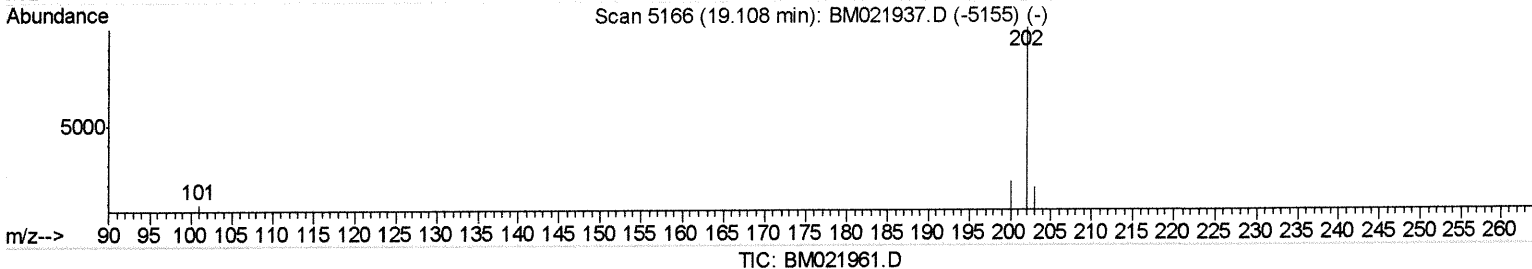
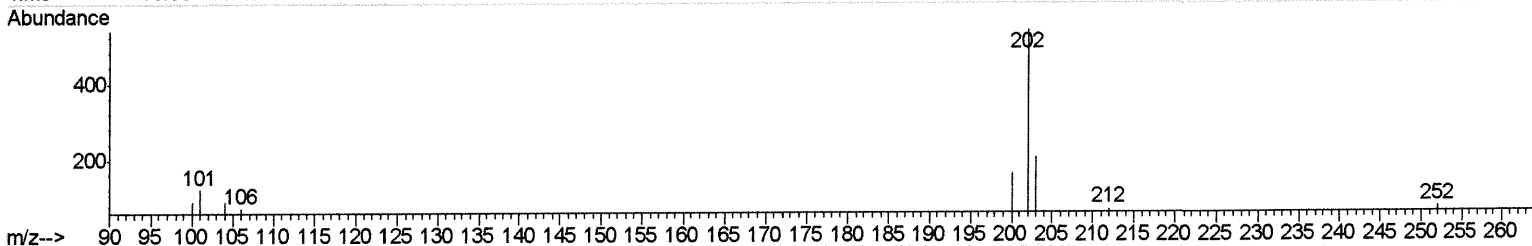
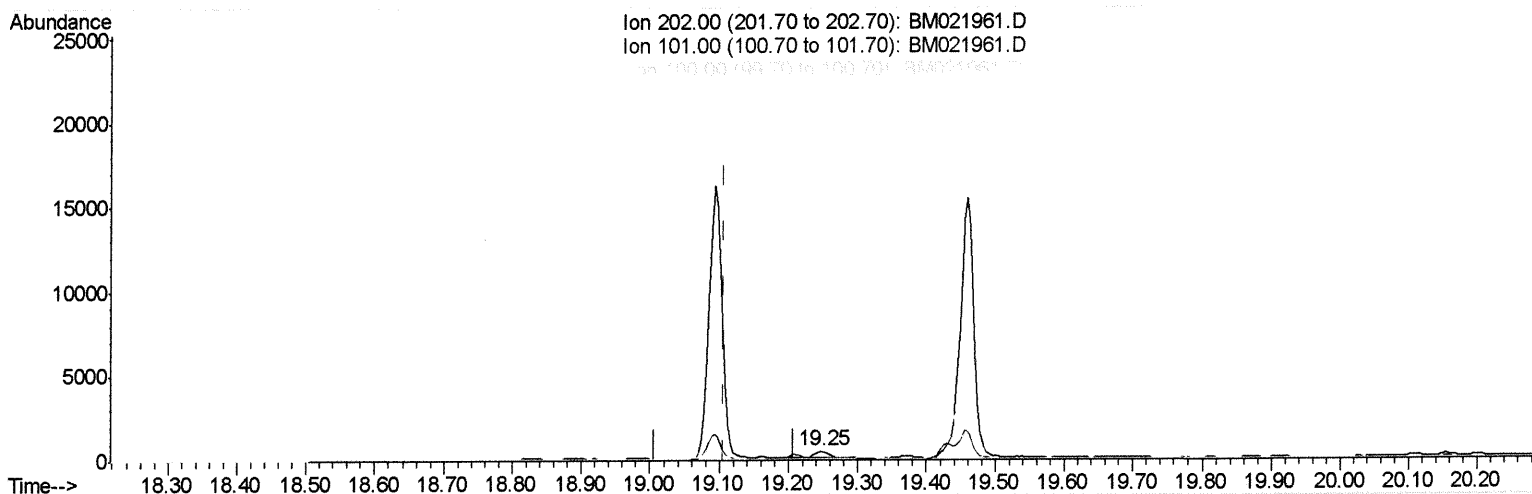
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:11:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.249min (+0.141) 0.03ng/ul

response 627

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.20 | 23.01 |
| 100.00 | 8.10  | 16.88 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

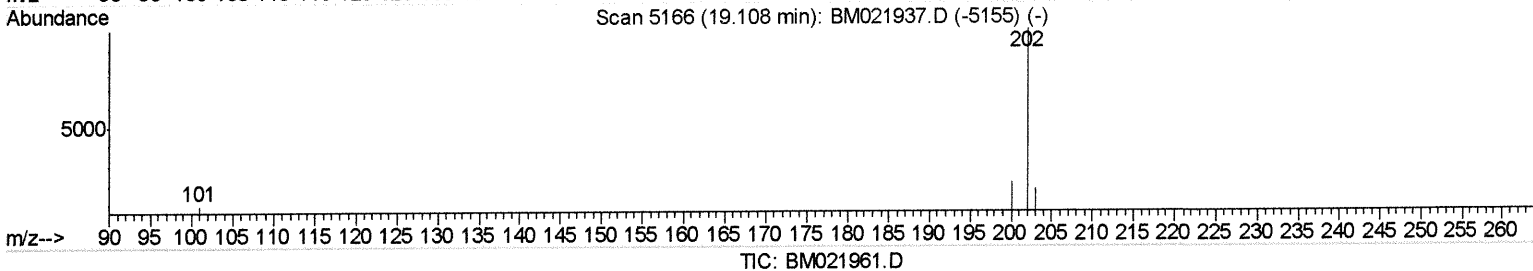
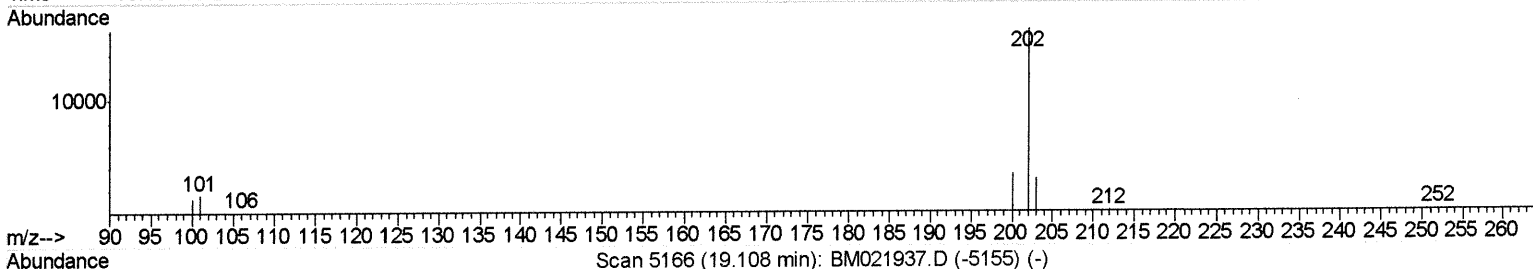
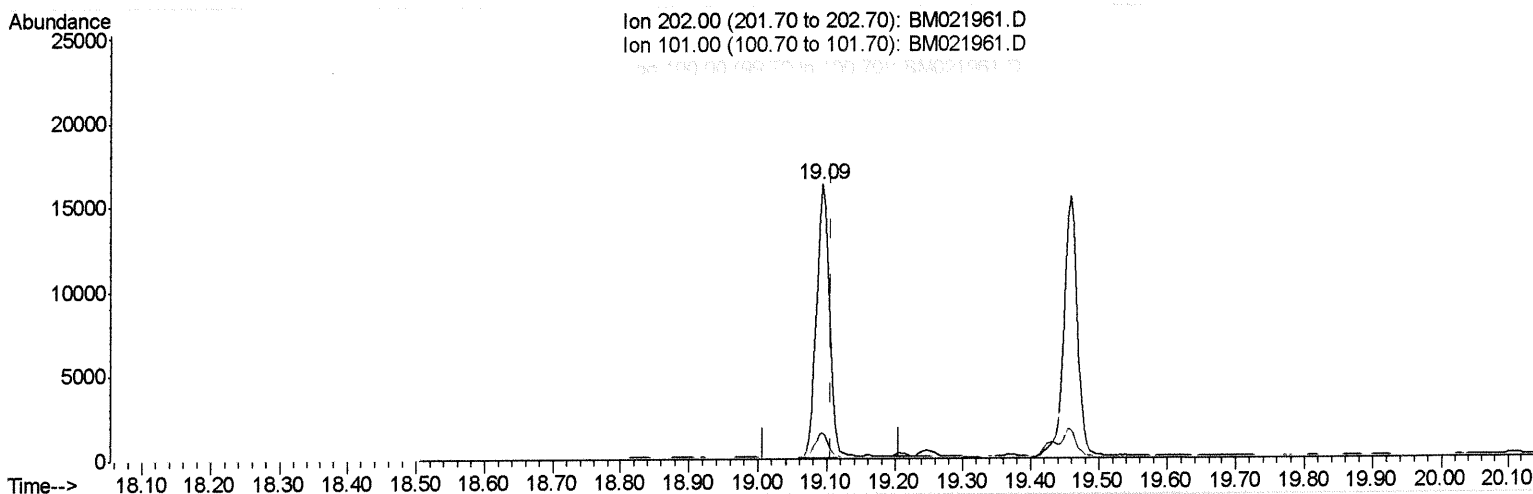
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:11:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.093min (-0.015) 1.06ng/ul m *JU 08/09/19*

response 21423

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 202.00 | 100   | 100  |
| 101.00 | 10.20 | 9.72 |
| 100.00 | 8.10  | 7.58 |
| 0.00   | 0.00  | 0.00 |

# Quantitation Report (Qedit)

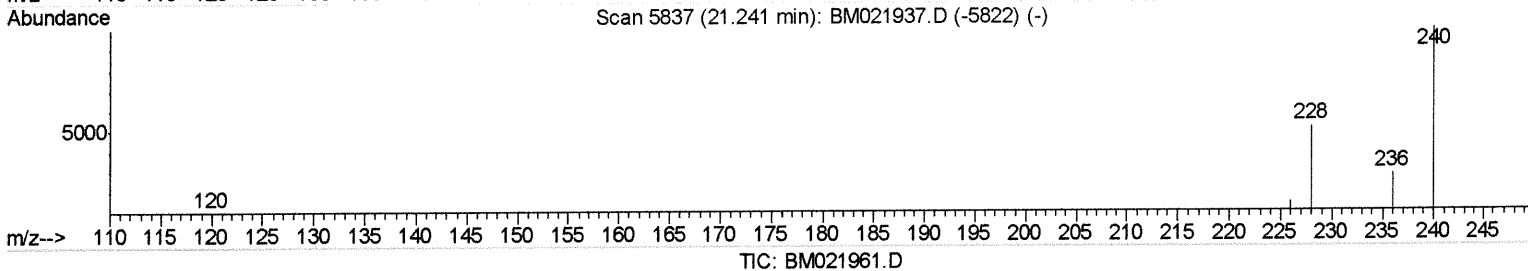
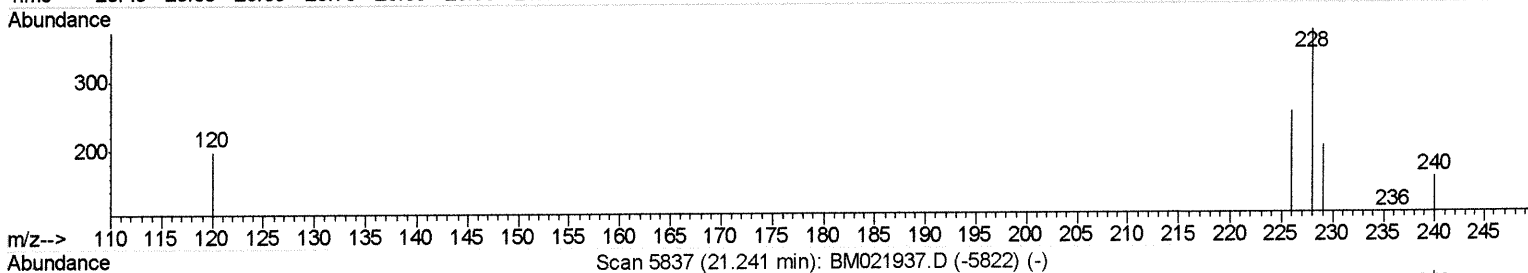
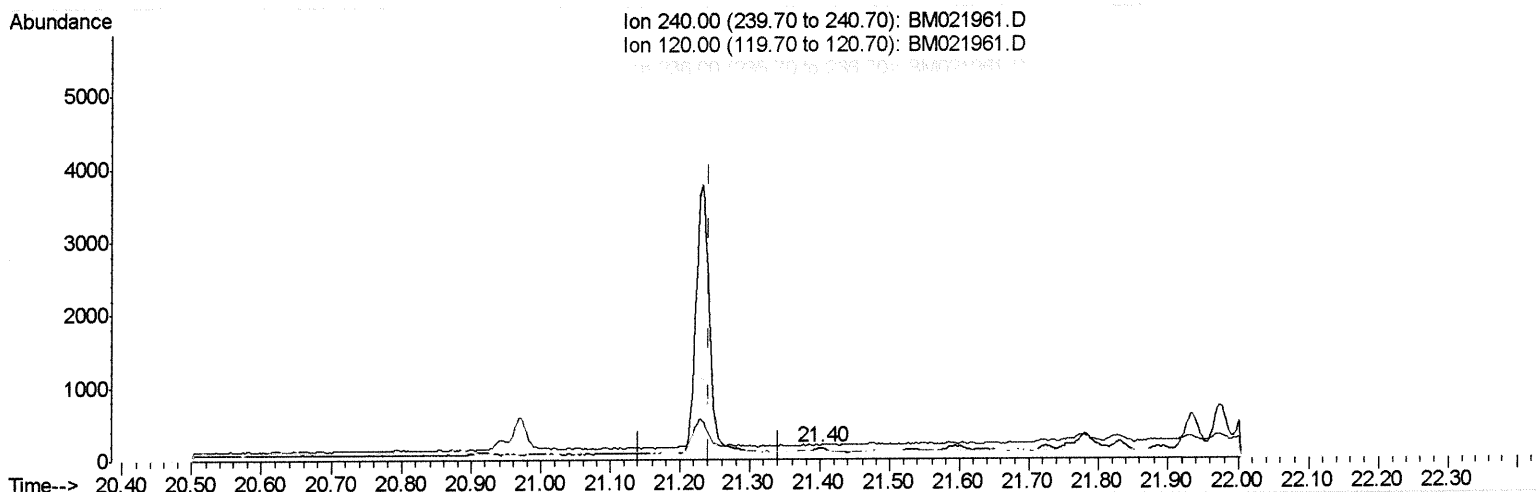
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:11:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.401min (+0.160) 0.40ng/ul

response 74

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 16.20 | 126.11# |
| 236.00 | 32.30 | 68.15#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

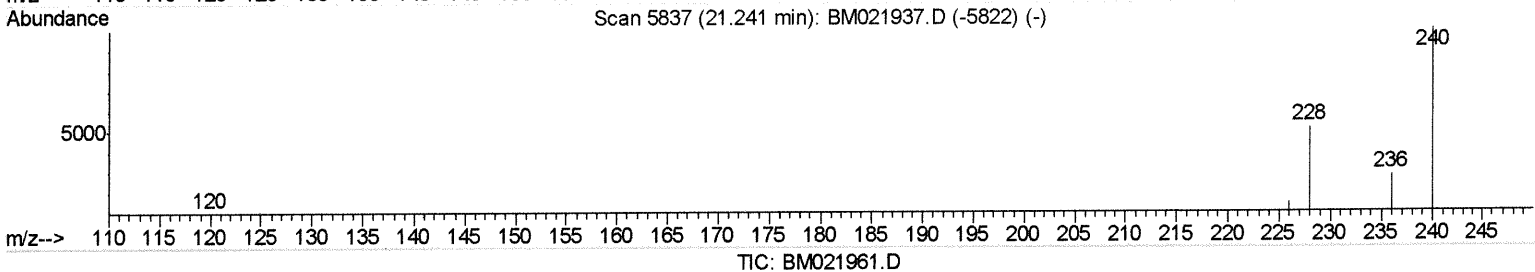
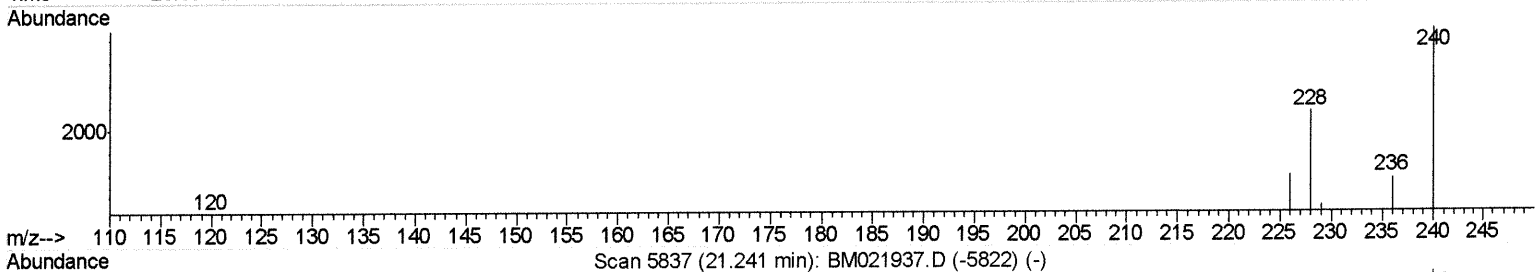
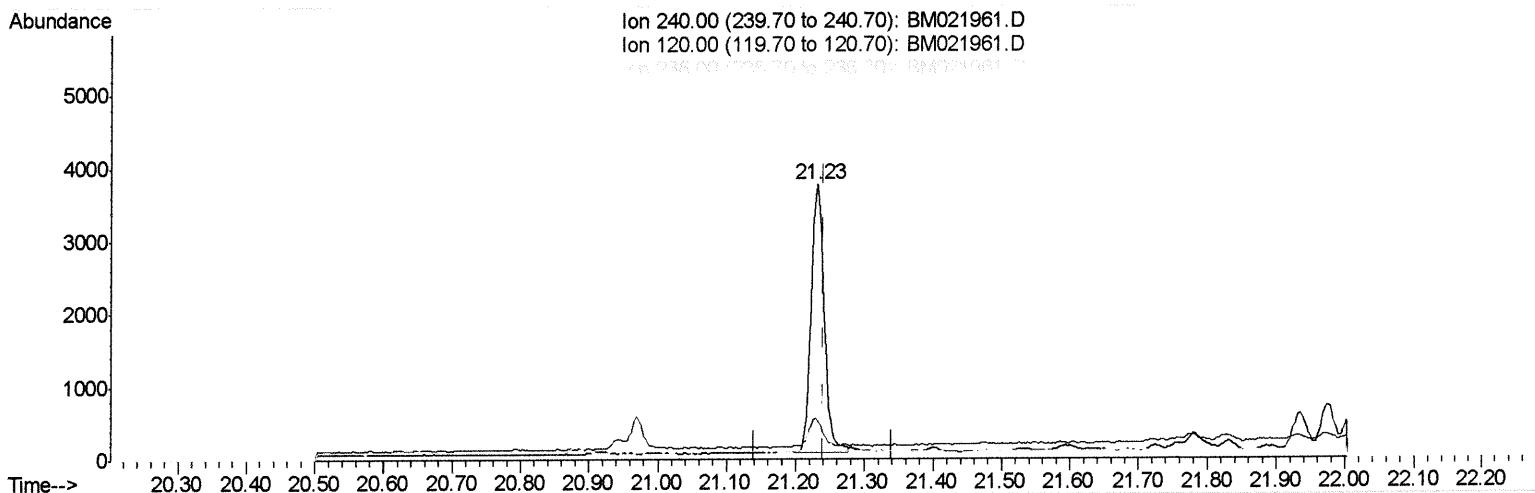
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:11:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.232min (-0.010) 0.40ng/ul m *JU* 08/09/19

response 4923

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 16.20 | 14.18 |
| 236.00 | 32.30 | 29.64 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

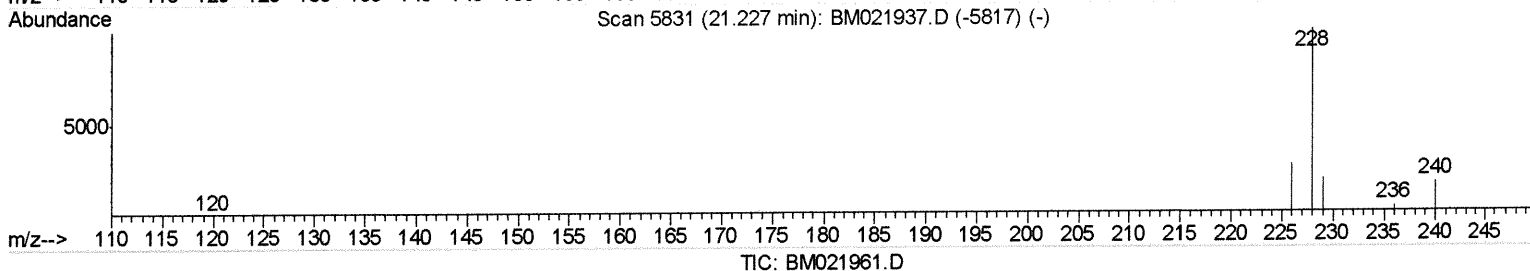
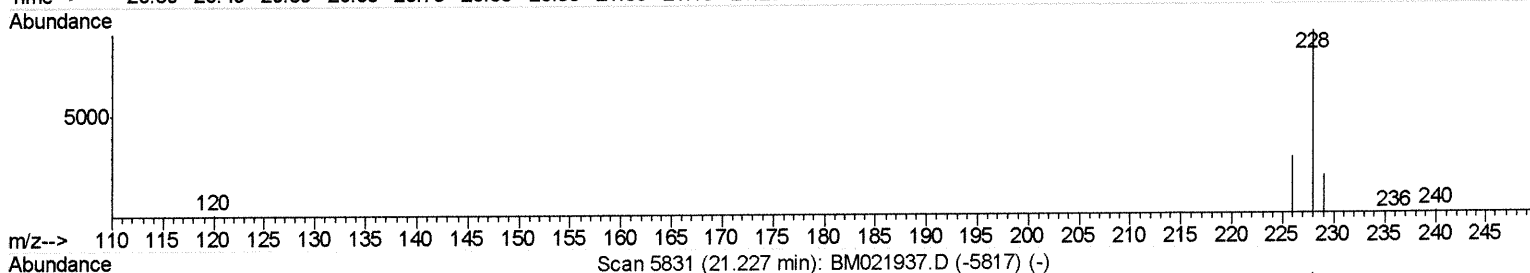
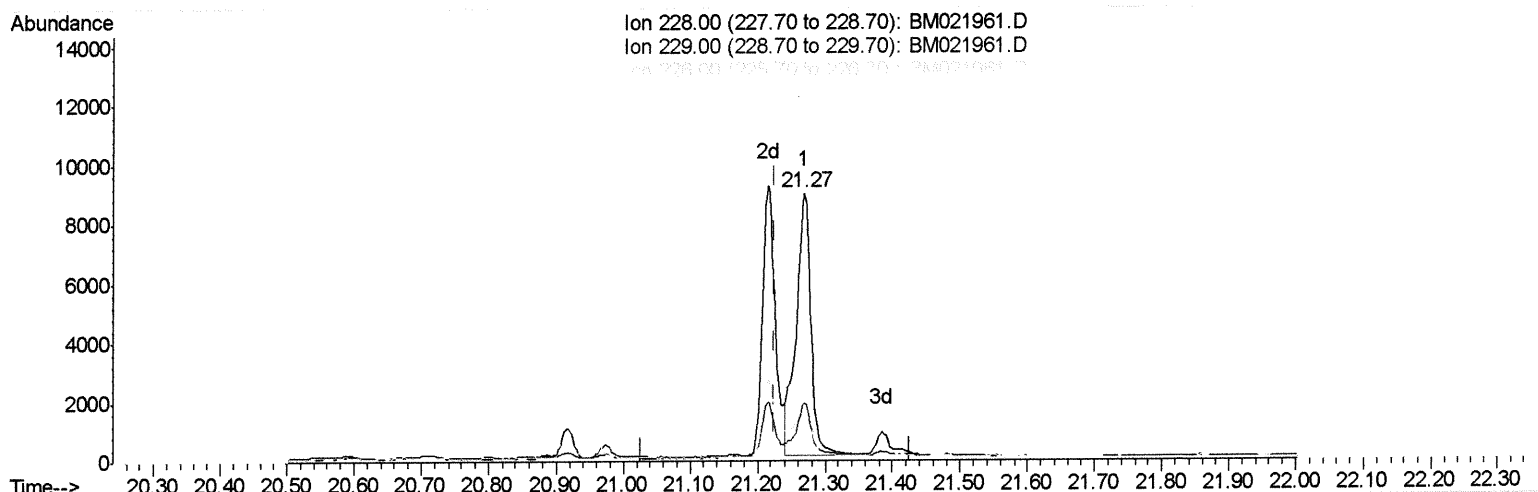
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
Data File : BM021961.D  
Acq On : 09 Aug 2019 09:19  
Operator : HP/JU  
Sample : K4029-01  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BENQ8

Manual Integrations  
APPROVED

Sohil  
8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:12:40 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 09 01:29:50 2019  
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.268min (+0.041) 0.79ng/ul

response 13875

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 21.50 | 21.52 |
| 226.00 | 28.30 | 31.74 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

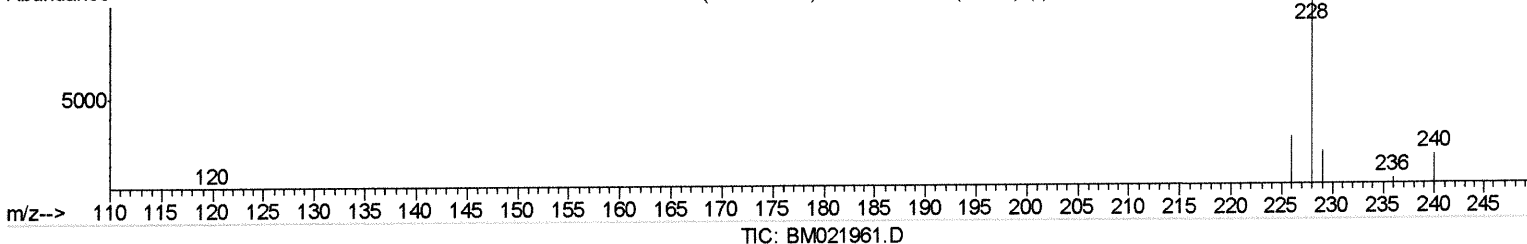
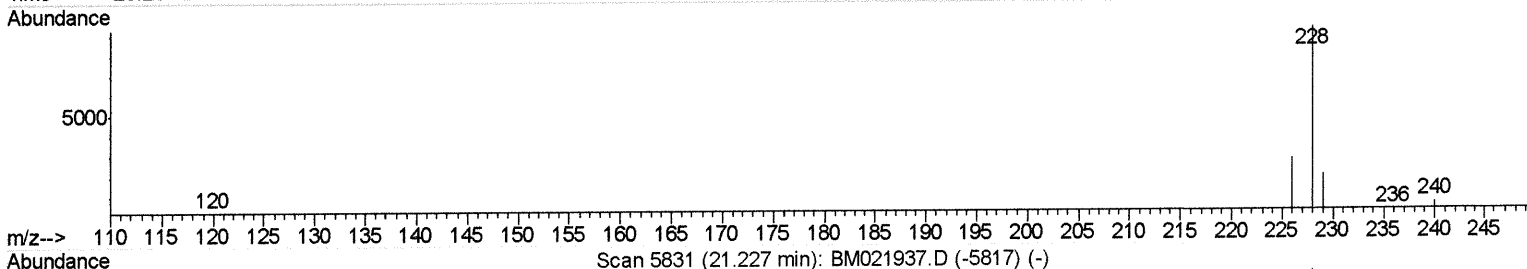
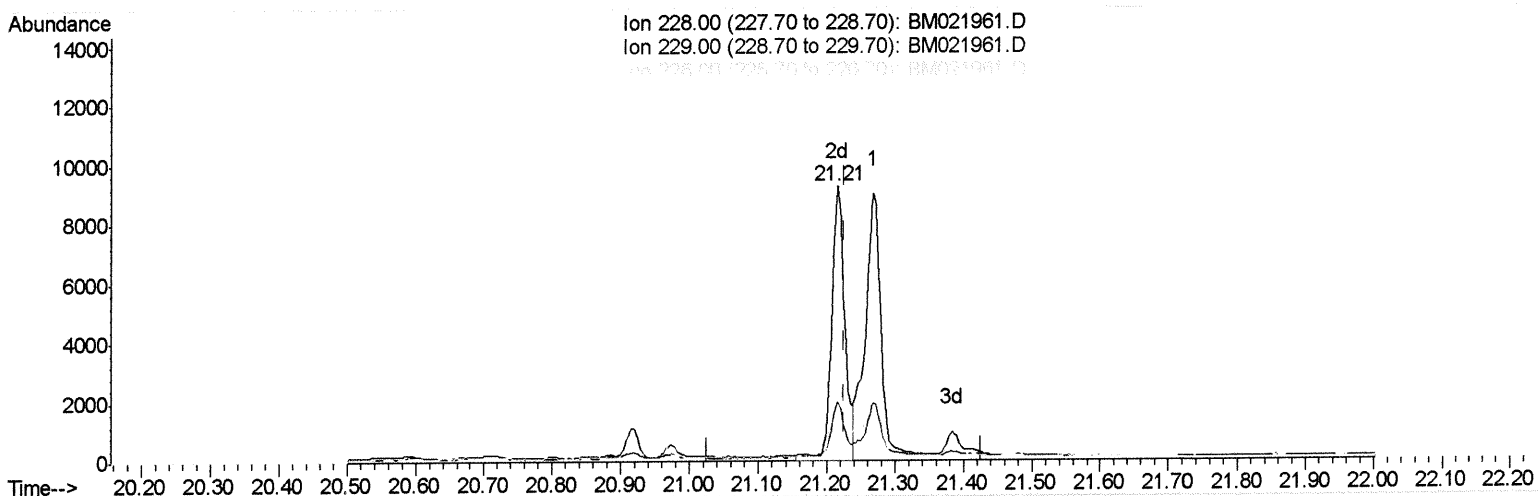
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:12:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.215min (-0.012) 0.73ng/ul m JU 08/09/19

response 12774

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 21.50 | 21.29 |
| 226.00 | 28.30 | 29.79 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

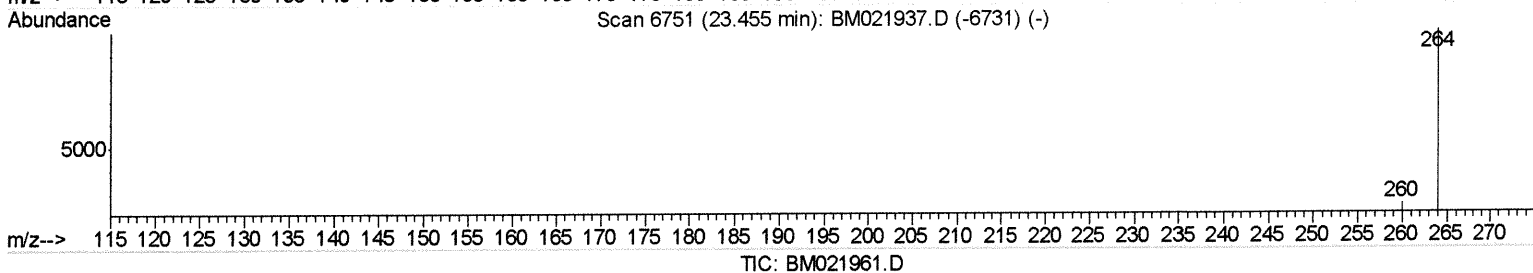
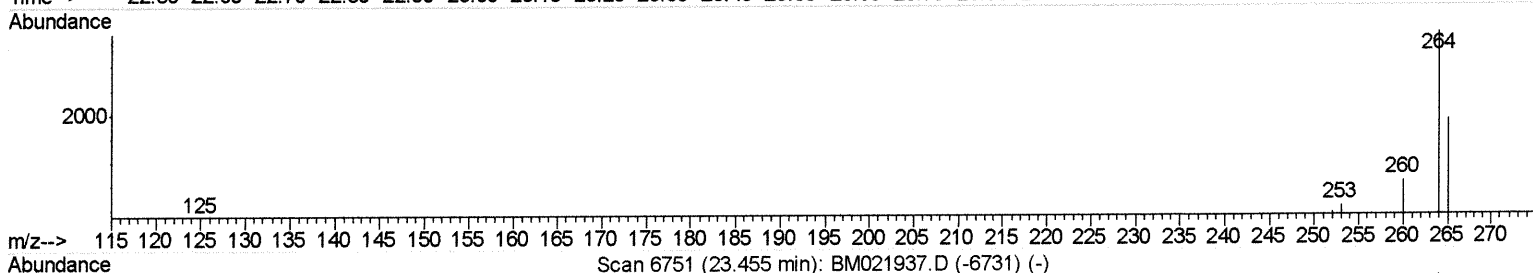
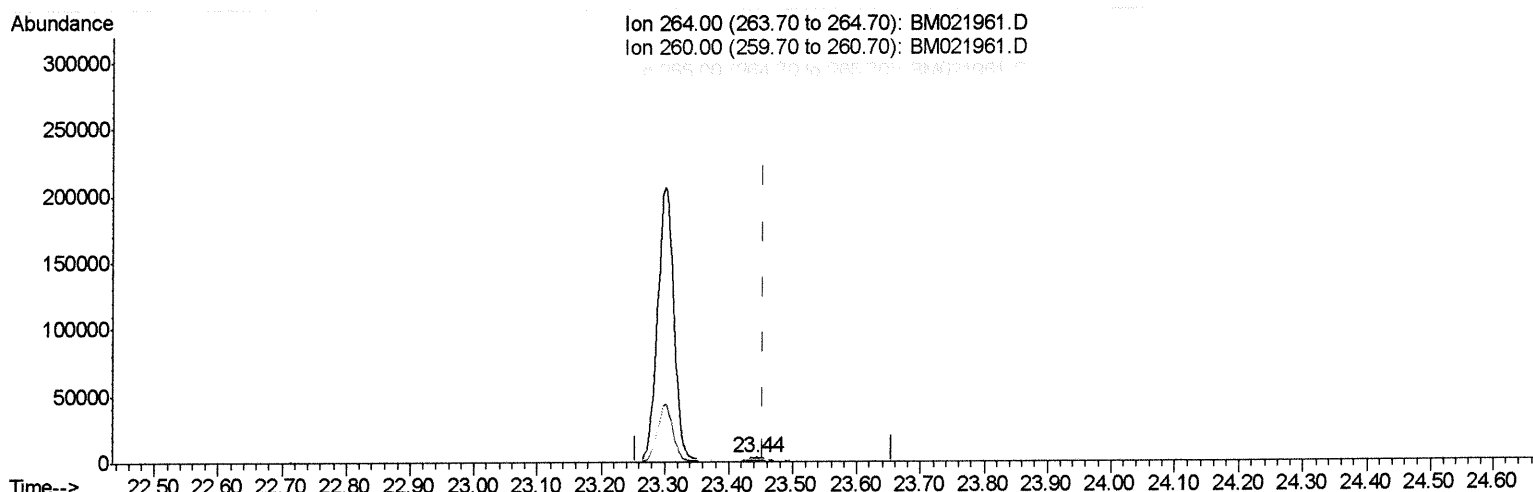
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
Data File : BM021961.D  
Acq On : 09 Aug 2019 09:19  
Operator : HP/JU  
Sample : K4029-01  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BENQ8

Manual Integrations  
APPROVED

Sohil  
8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:12:40 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 09 01:29:50 2019  
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.443min (-0.012) 0.40ng/ui

response 5912

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 27.50  | 26.04  |
| 265.00 | 117.00 | 56.55# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

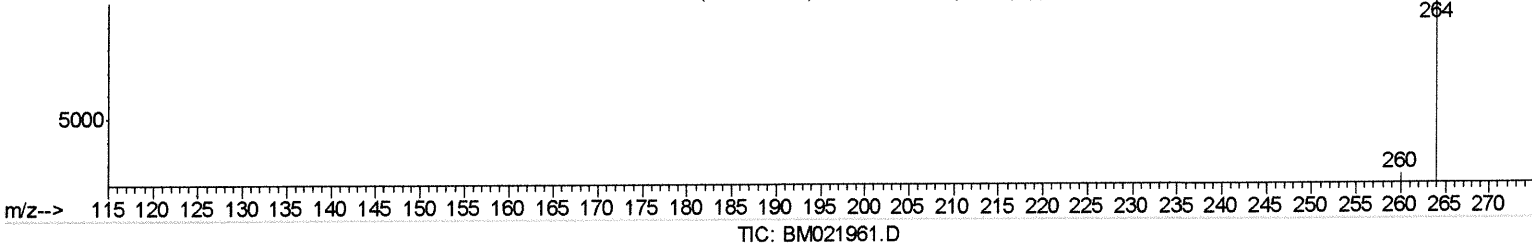
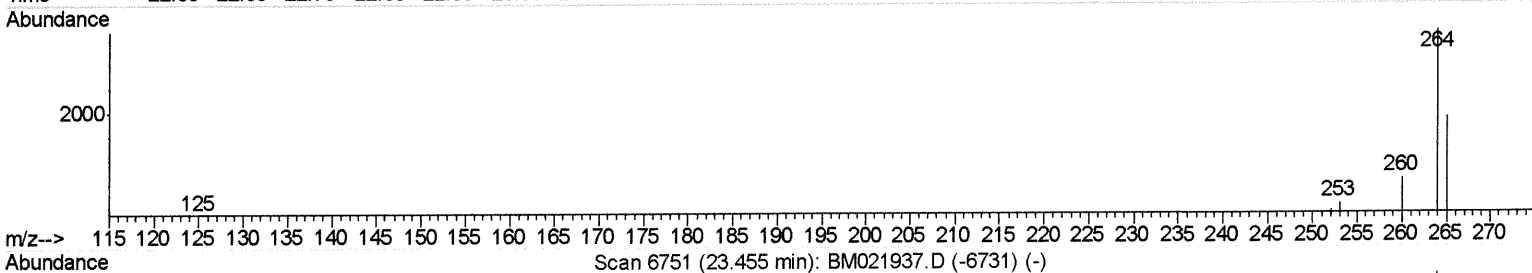
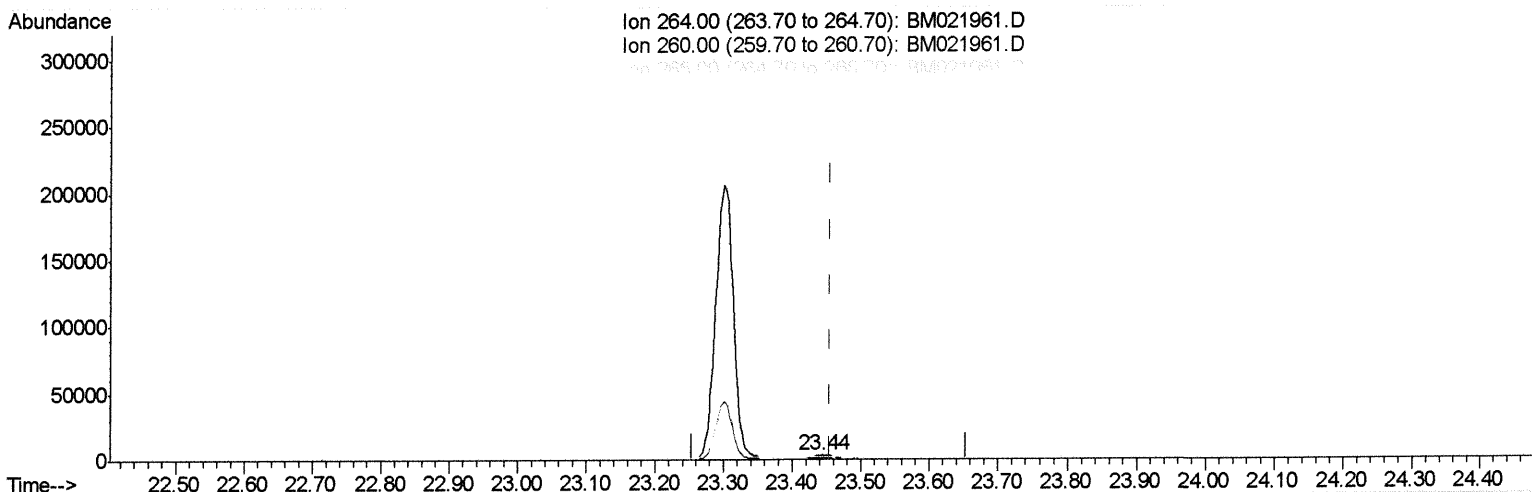
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:12:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.443min (-0.012) 0.40ng/ul m

Ju  
 08/09/19

response 5133

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 27.50  | 26.04  |
| 265.00 | 117.00 | 56.55# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

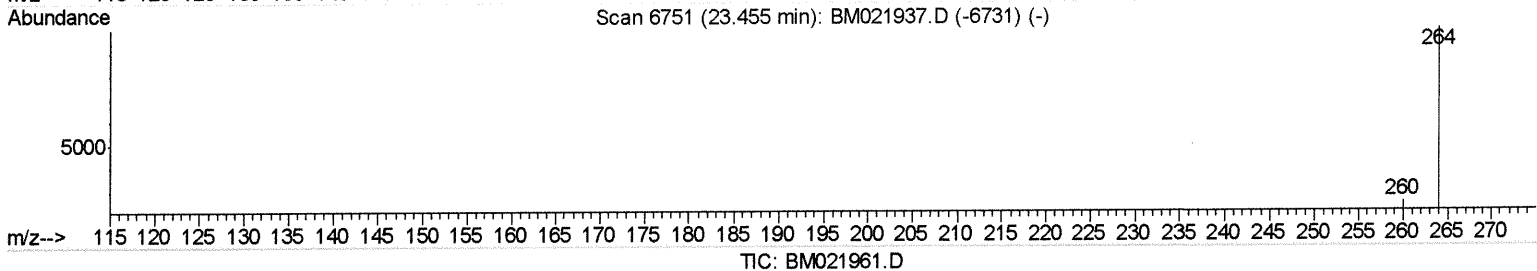
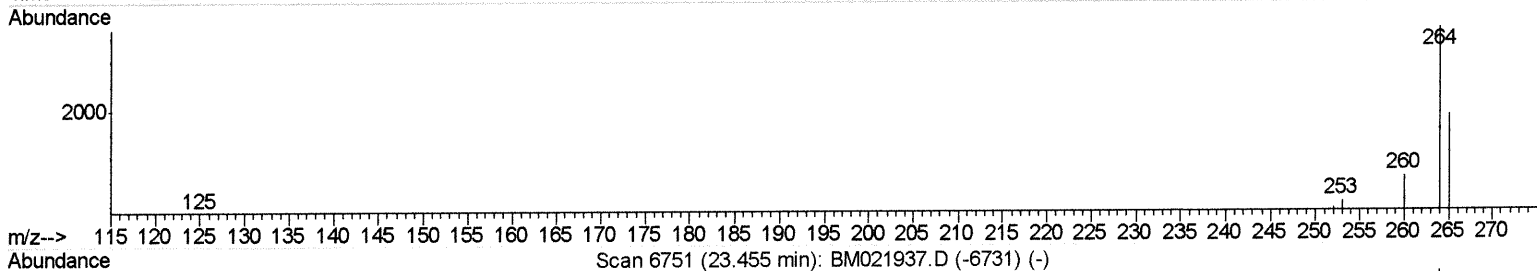
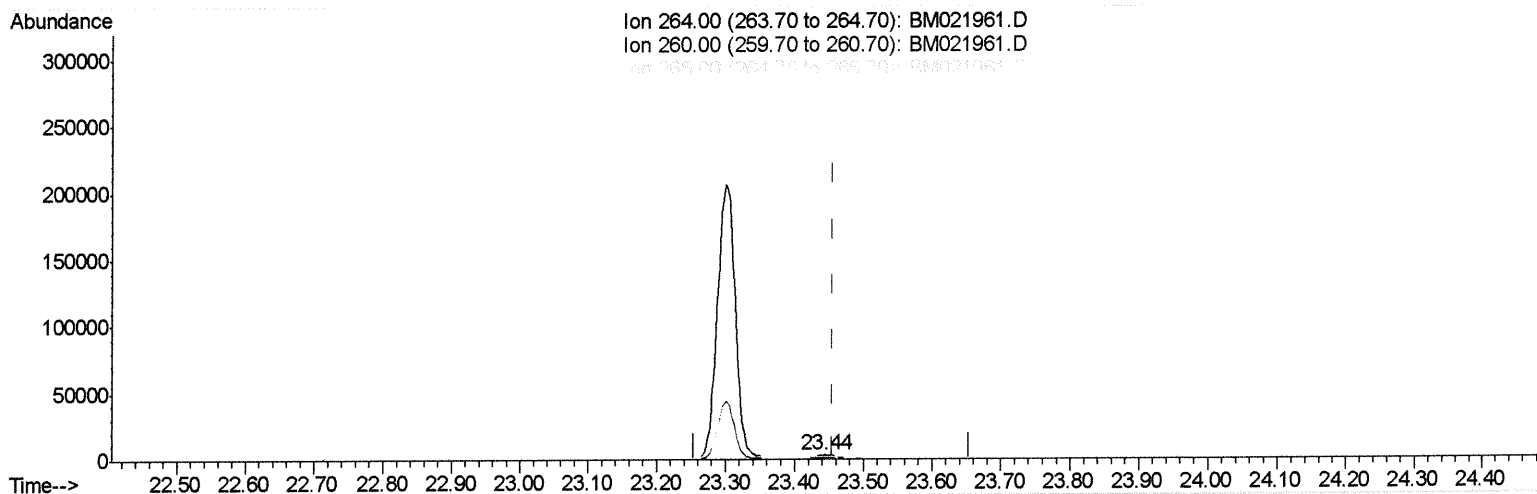
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:13:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.443min (-0.012) 0.40ng/ul m *JU 08/09/19*

response 5133

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 27.50  | 26.04  |
| 265.00 | 117.00 | 56.55# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

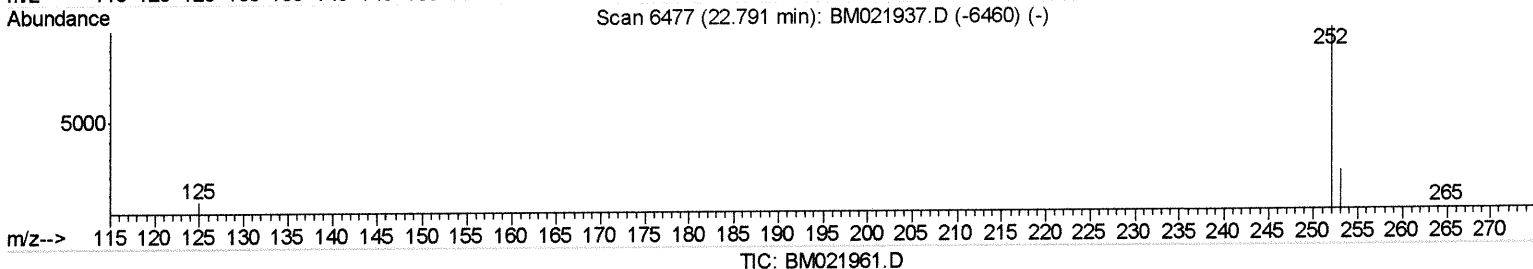
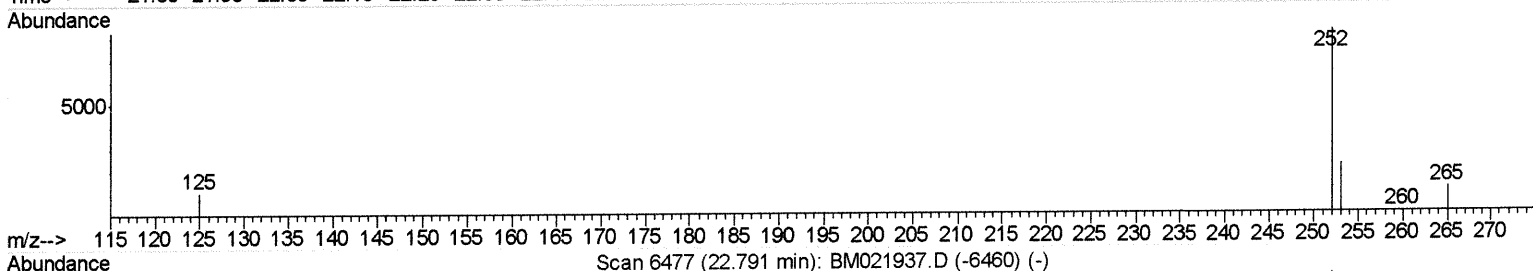
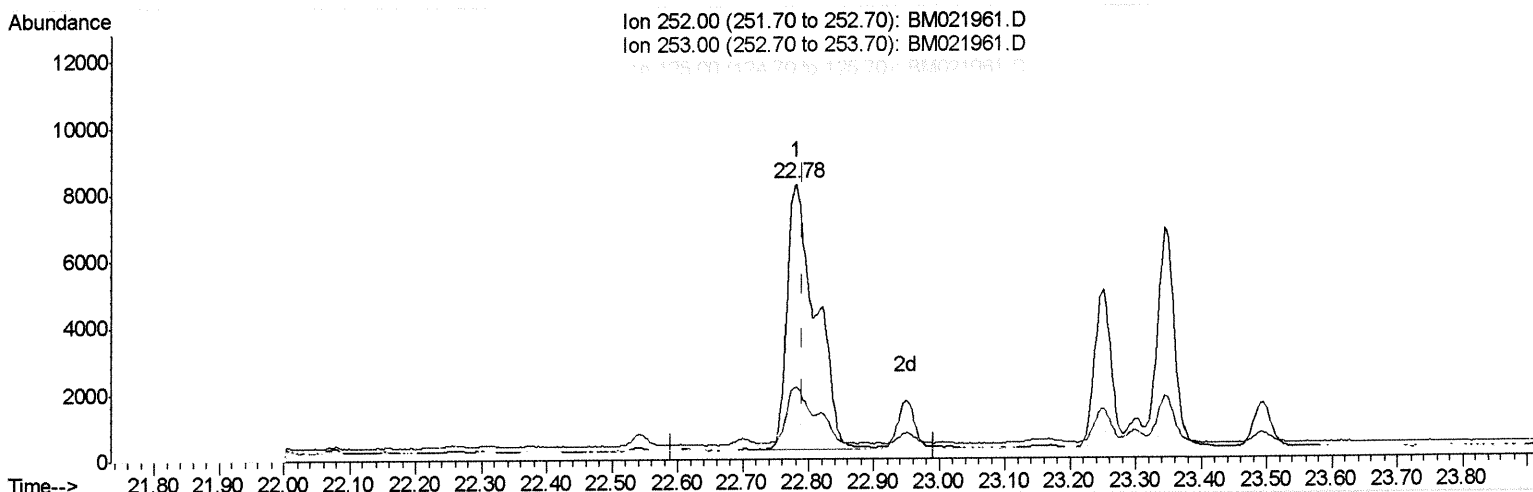
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:13:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.781min (-0.010) 1.38ng/ui

response 23895

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 26.57 |
| 125.00 | 15.50 | 12.58 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

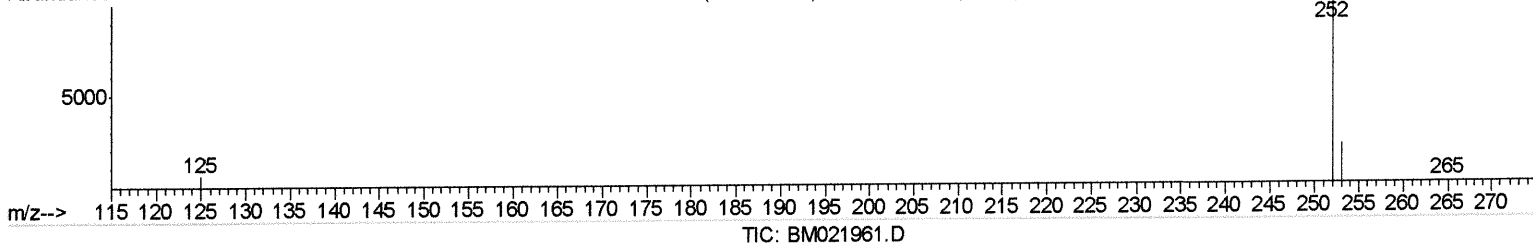
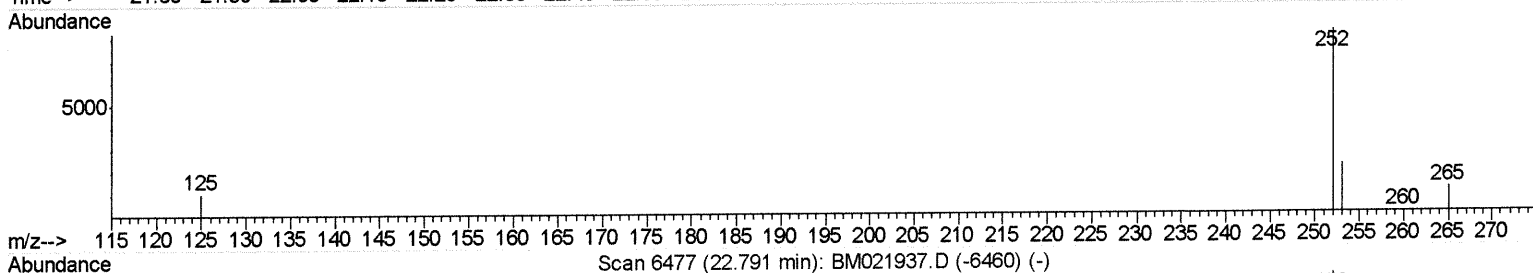
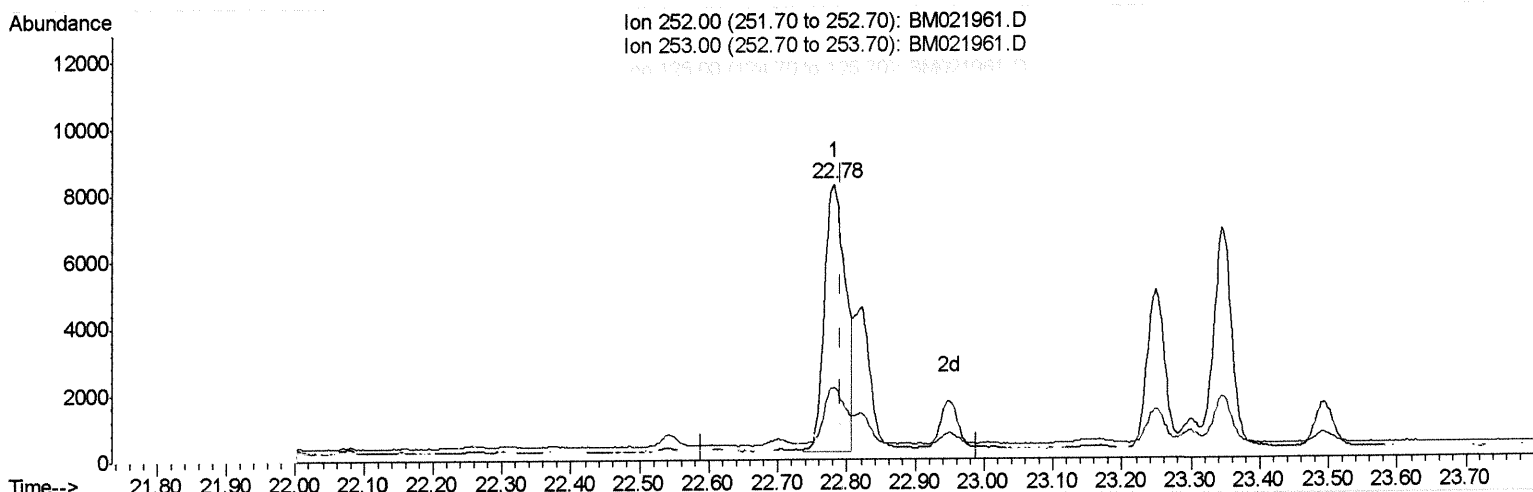
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:13:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.781min (-0.010) 0.98ng/ul m *JU 08/09/19*

response 16971

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 26.57 |
| 125.00 | 15.50 | 12.58 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

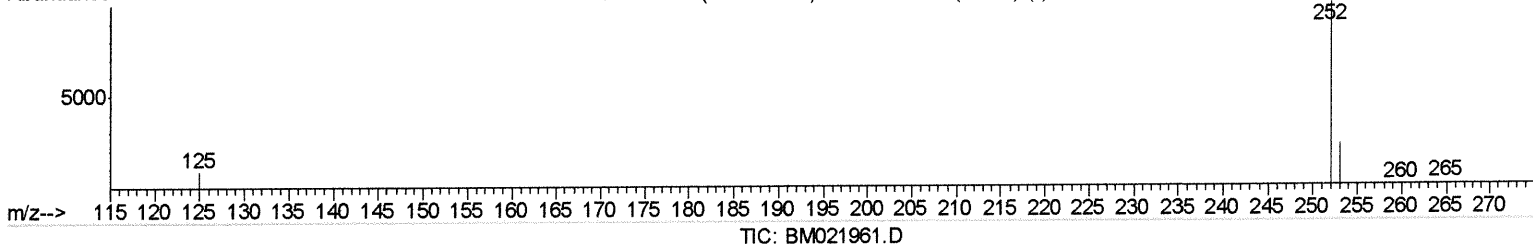
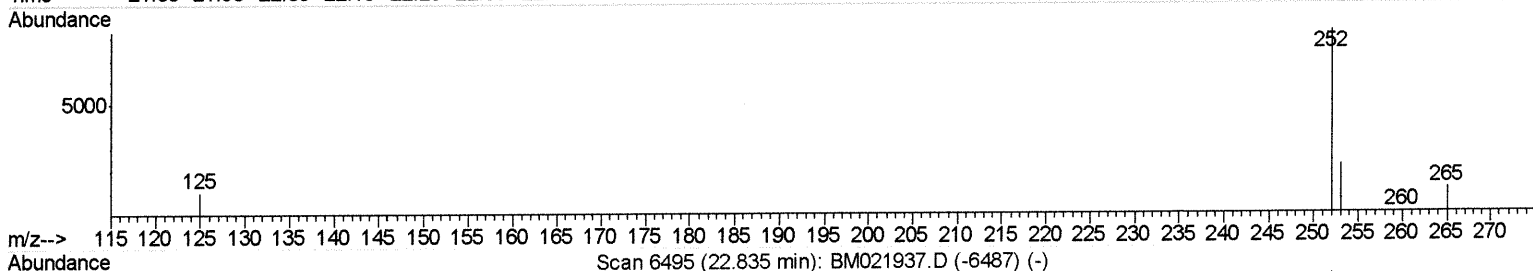
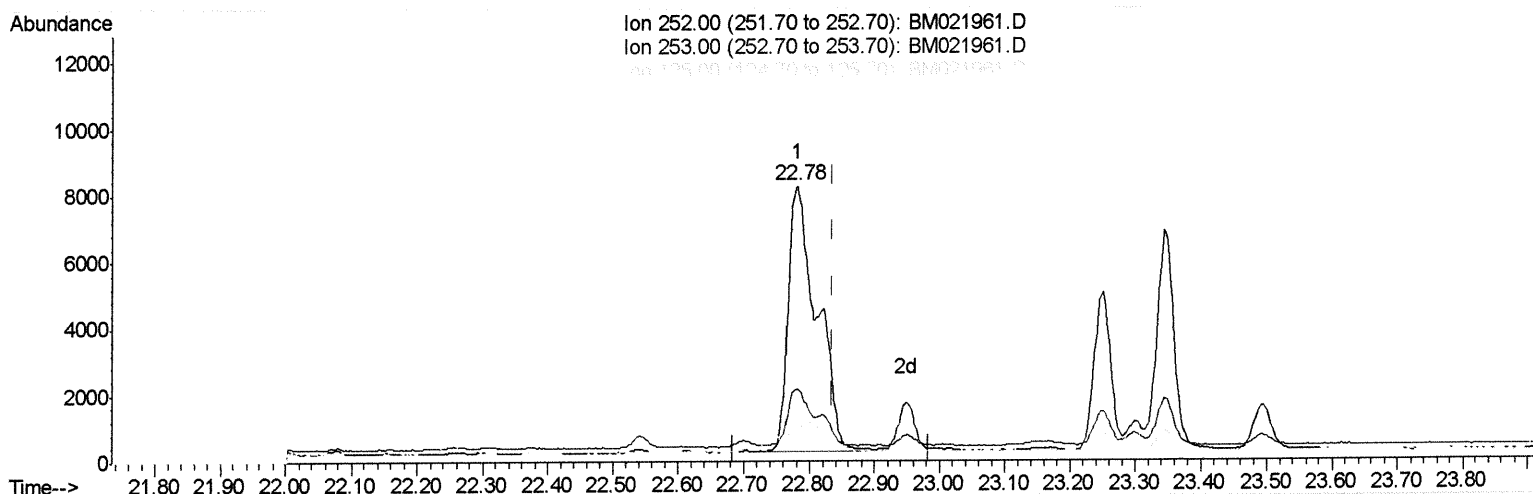
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:13:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
 22.781min (-0.053) 1.22ng/ul  
 response 23895  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 33.70 | 26.57# |
| 125.00 | 15.20 | 12.58  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

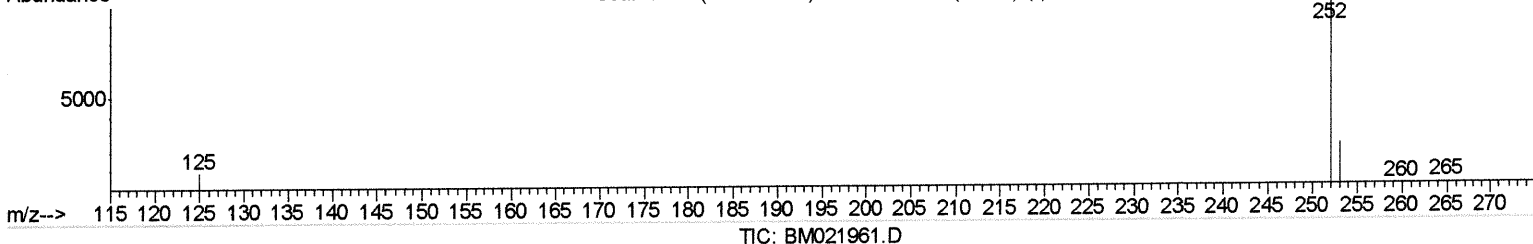
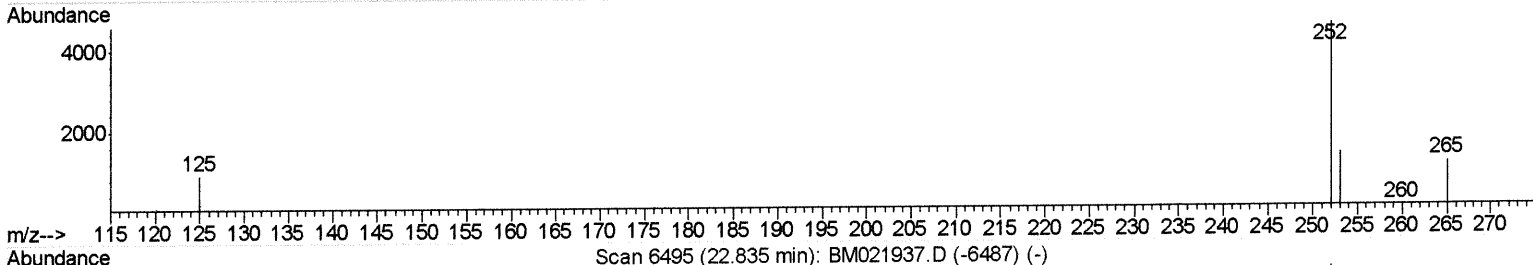
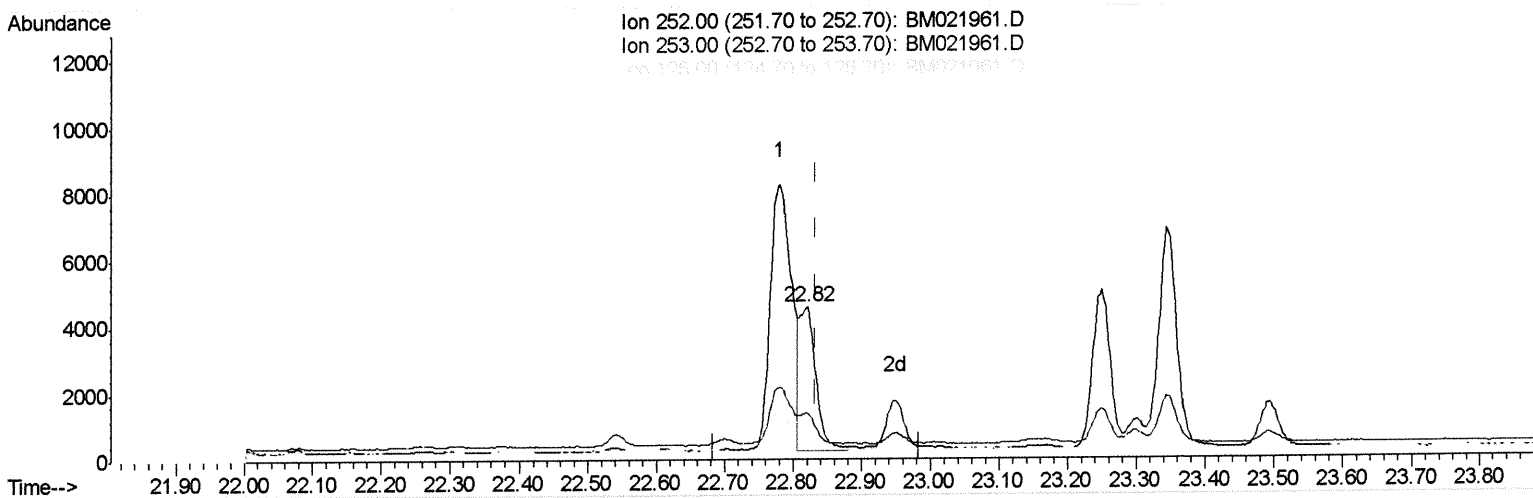
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:13:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.820min (-0.014) 0.38ng/ui m

JU  
 08/09/19

response 7353

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 33.70 | 30.48  |
| 125.00 | 15.20 | 20.31# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080719\  
 Data File : BM021961.D  
 Acq On : 09 Aug 2019 09:19  
 Operator : HP/JU  
 Sample : K4029-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BENQ8

Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:30:44 AM

Quant Time: Aug 09 13:15:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 09 01:29:50 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev (Min) |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 966      | 0.40  | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.39 | 136  | 4109     | 0.40  | ng/ul  | -0.02     |
| 6) Acenaphthene-d10         | 14.27 | 164  | 2214     | 0.40  | ng/ul  | -0.01     |
| 10) Phenanthrene-d10        | 17.03 | 188  | 5189m    | 0.40  | ng/ul  | -0.02     |
| 16) Chrysene-d12            | 21.23 | 240  | 4923m    | 0.40  | ng/ul  | -0.00     |
| 20) Perylene-d12            | 23.44 | 264  | 5133m    | 0.40  | ng/ul  | -0.01     |
| System Monitoring Compounds |       |      |          |       |        |           |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 1609     | 0.24  | ng/ul  | -0.01     |
| 14) Fluoranthene-d10        | 19.06 | 212  | 4294m    | 0.25  | ng/ul  | -0.02     |
| Target Compounds            |       |      |          |       |        |           |
|                             |       |      |          |       | Qvalue |           |
| 3) Naphthalene              | 10.44 | 128  | 353      | 0.030 | ng/ul# | 67        |
| 5) 2-Methylnaphthalene      | 12.08 | 142  | 206      | 0.027 | ng/ul  | 99        |
| 7) Acenaphthylene           | 13.99 | 152  | 1112     | 0.108 | ng/ul# | 79        |
| 8) Acenaphthene             | 14.33 | 153  | 302      | 0.036 | ng/ul  | 94        |
| 9) Fluorene                 | 15.33 | 166  | 428      | 0.046 | ng/ul# | 95        |
| 12) Phenanthrene            | 17.07 | 178  | 8625     | 0.571 | ng/ul  | 98        |
| 13) Anthracene              | 17.16 | 178  | 2404m    | 0.187 | ng/ul  | 98        |
| 15) Fluoranthene            | 19.09 | 202  | 21423m   | 1.059 | ng/ul  | 98        |
| 17) Pyrene                  | 19.46 | 202  | 21081    | 1.042 | ng/ul  | 98        |
| 18) Benzo(a)anthracene      | 21.21 | 228  | 12774m   | 0.725 | ng/ul  | 98        |
| 19) Chrysene                | 21.27 | 228  | 13411    | 0.592 | ng/ul  | 99        |
| 21) Benzo(b)fluoranthene    | 22.78 | 252  | 16971m   | 0.980 | ng/ul  | 98        |
| 22) Benzo(k)fluoranthene    | 22.82 | 252  | 7353m    | 0.375 | ng/ul  | 98        |
| 23) Benzo(a)pyrene          | 23.34 | 252  | 11997    | 0.682 | ng/ul# | 82        |
| 24) Indeno(1,2,3-cd)pyrene  | 25.66 | 276  | 8202     | 0.390 | ng/ul# | 100       |
| 25) Dibenzo(a,h)anthracene  | 25.66 | 278  | 2200     | 0.129 | ng/ul# | 70        |
| 26) Benzo(g,h,i)perylene    | 26.34 | 276  | 6854     | 0.362 | ng/ul  | 99        |

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