

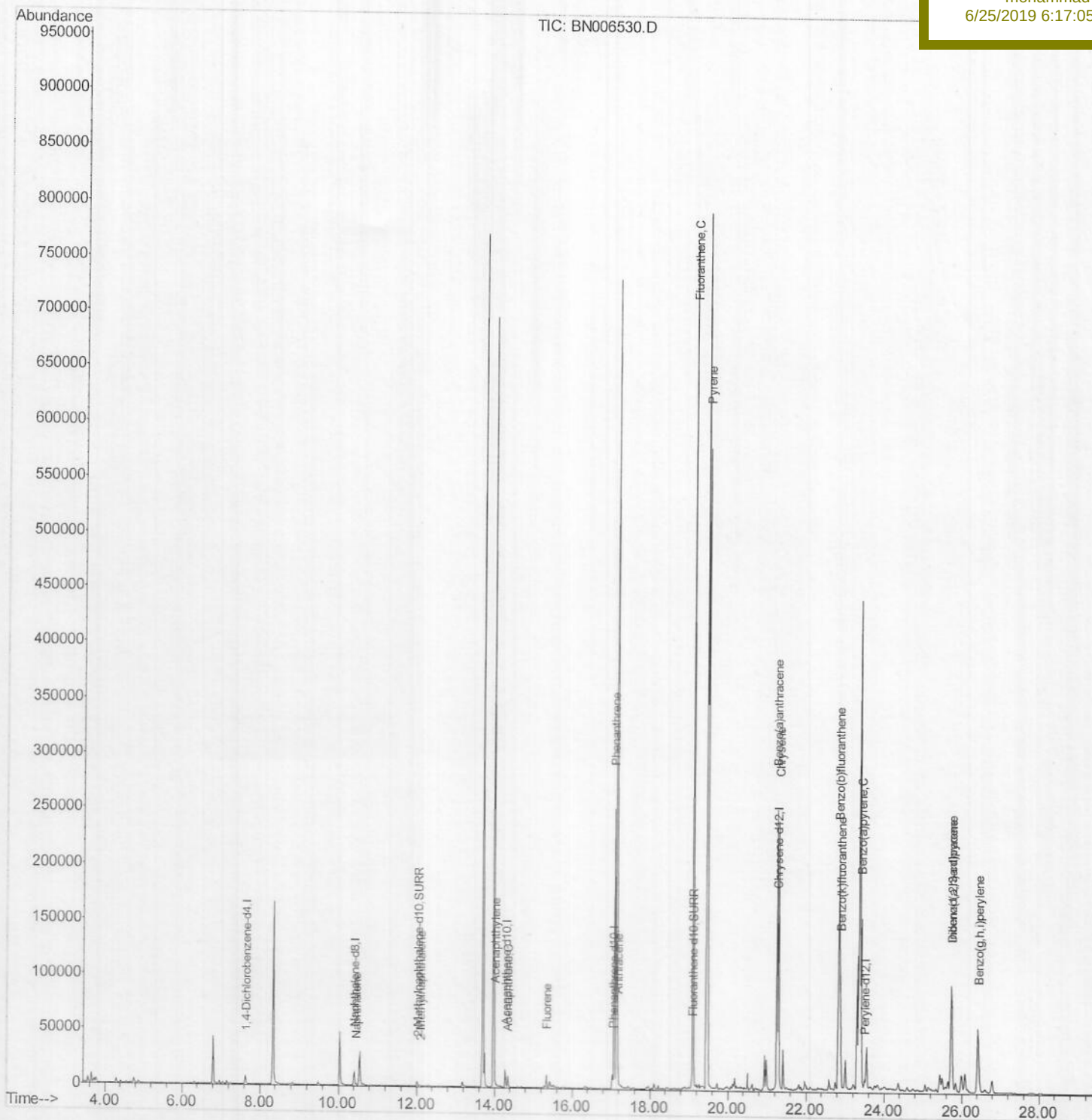
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
Data File : BN006530.D  
Acq On : 24 Jun 2019 14:44  
Operator : HP/JU  
Sample : K3362-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:21:33 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 17 11:13:07 2019  
Response via : Initial Calibration

Instrument :  
BNA\_N  
Client Sampled :  
A4203

Manual Integrations  
APPROVED

mohammad  
6/25/2019 6:17:05 PM



# Quantitation Report (Qedit)

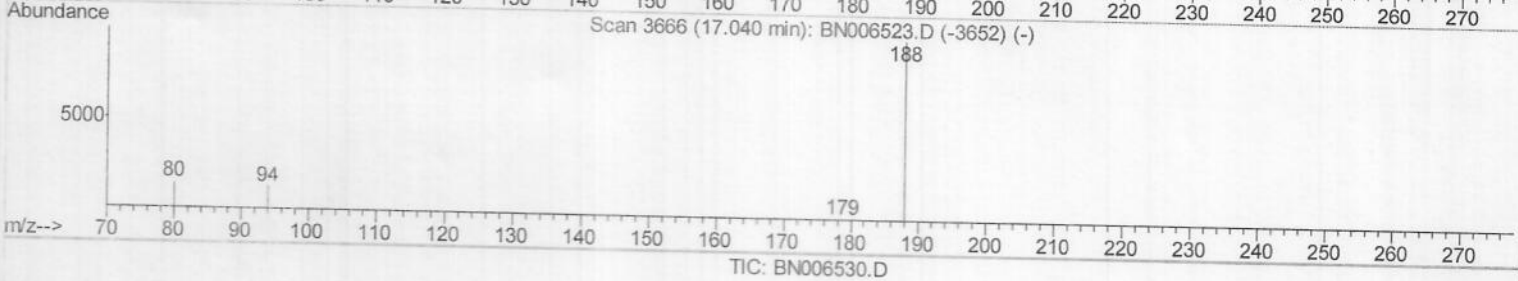
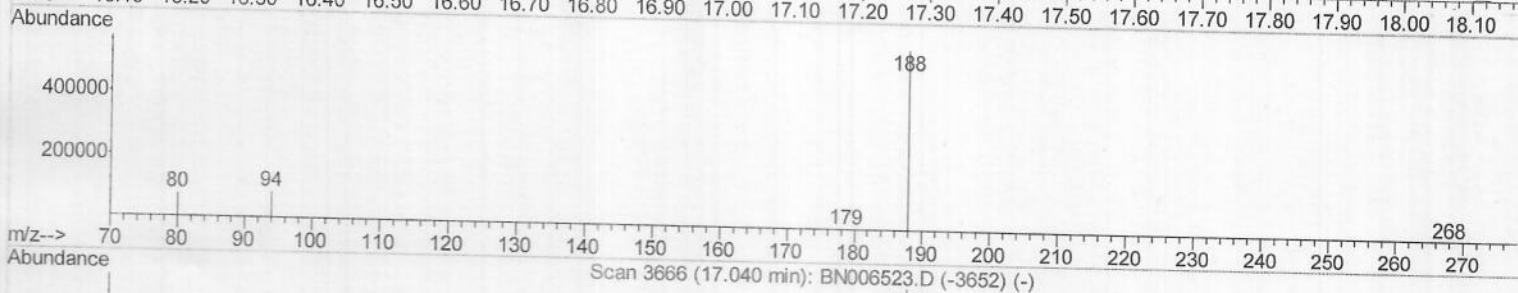
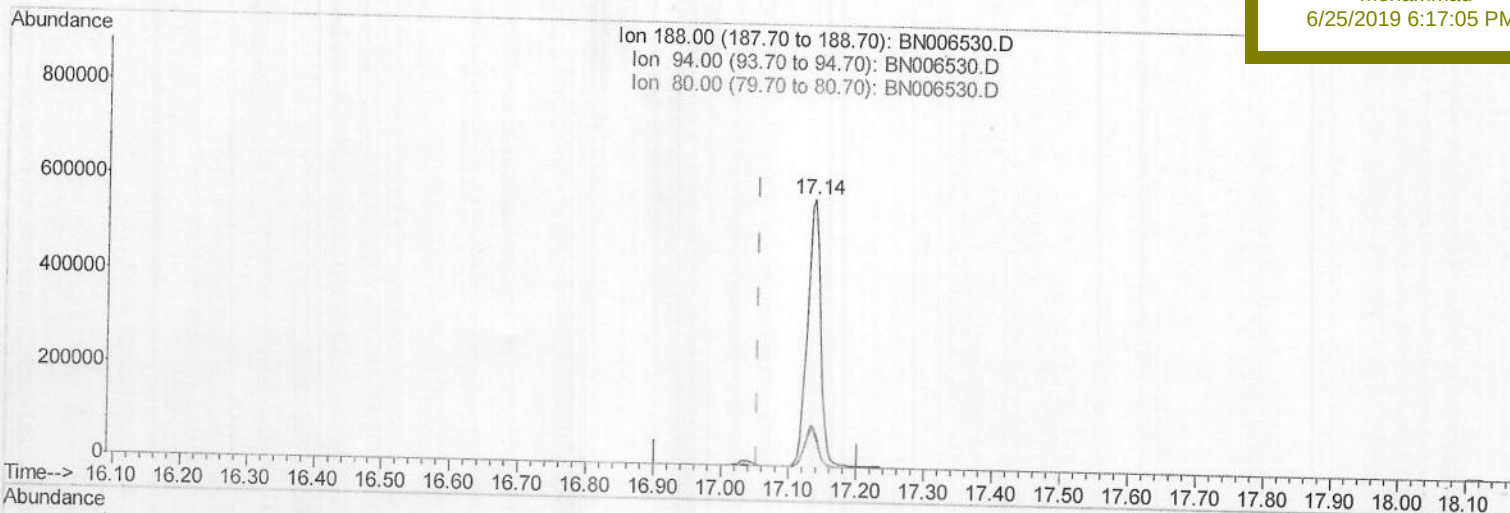
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 00:43:54 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 A4203

**Manual Integrations**  
**APPROVED**

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(10) Phenanthrene-d10 (I)

17.137min (+0.084) 0.40ng/ul

response 793815

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.00 | 14.61 |
| 80.00  | 13.60 | 13.15 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

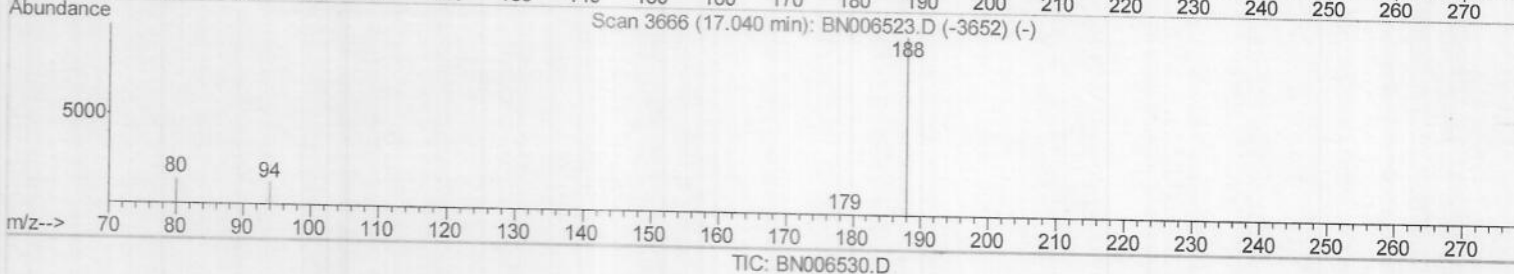
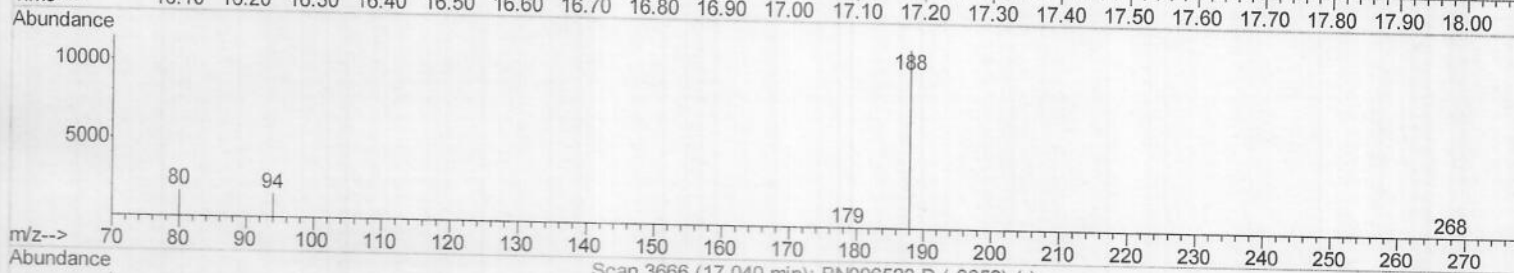
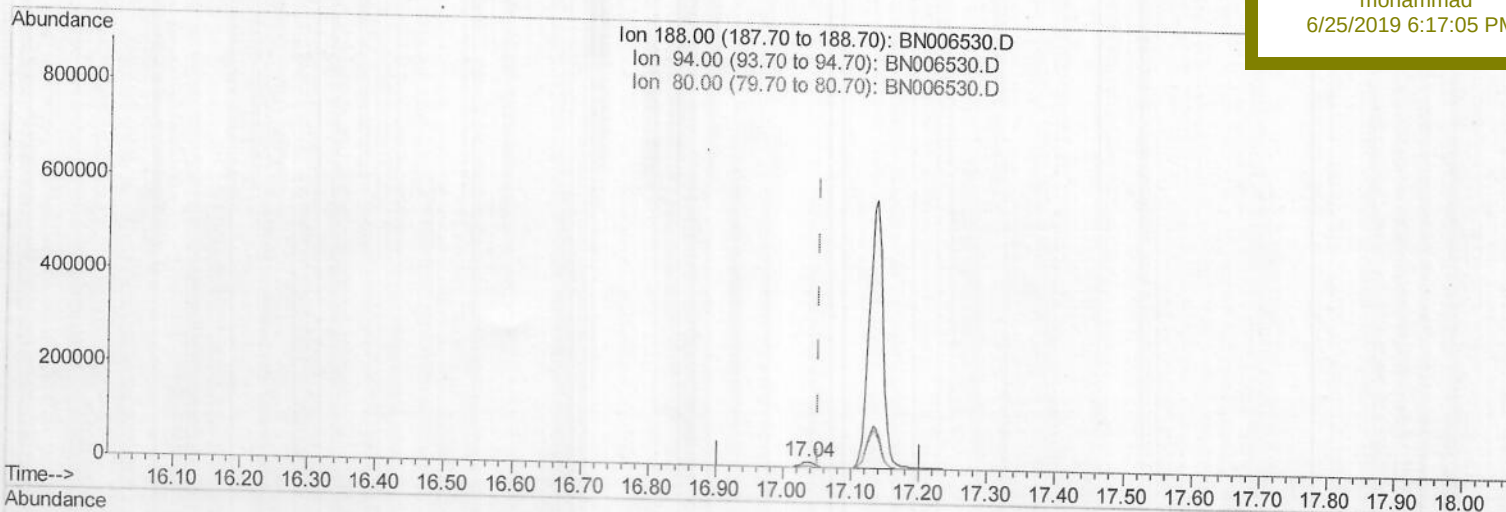
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 00:43:54 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4203

Manual Integrations  
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(10) Phenanthrene-d10 (I)

17.035min (-0.017) 0.40ng/ul m

JU 06/26/19

response 16133

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 13.00 | 13.49 |
| 80.00  | 13.60 | 15.06 |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

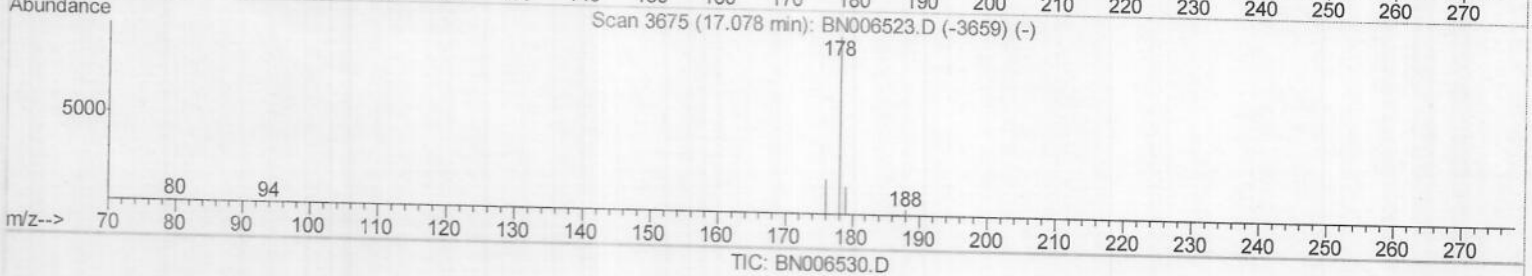
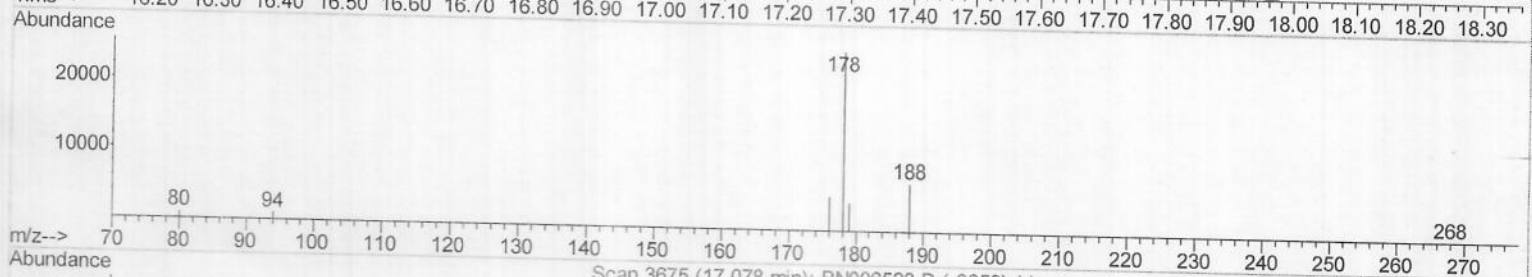
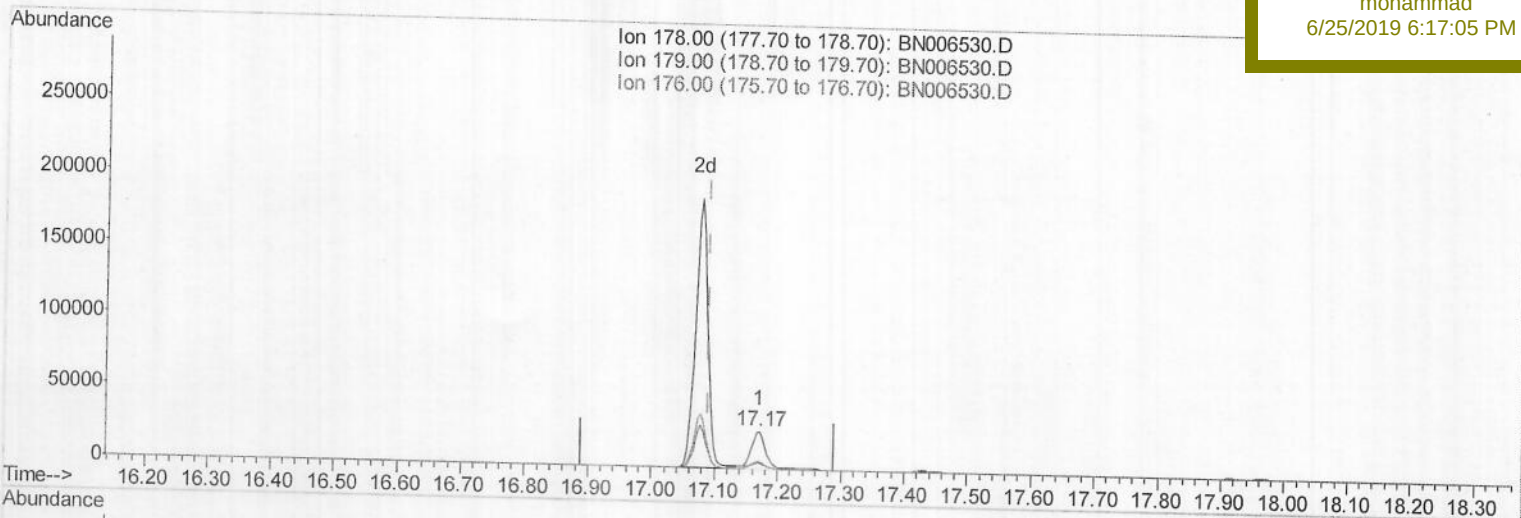
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:17:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4203

Manual Integrations  
 APPROVED

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(12) Phenanthrene

17.170min (+0.080) 0.80ng/ul

response 41665

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.40 | 15.97 |
| 176.00 | 19.10 | 19.17 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\

Data File : BN006530.D

Acq On : 24 Jun 2019 14:44

Operator : HP/JU

Sample : K3362-14

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:17:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

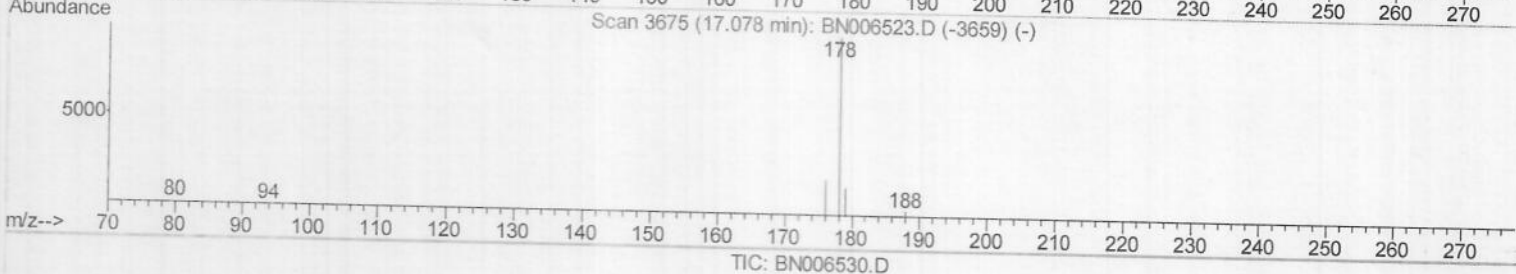
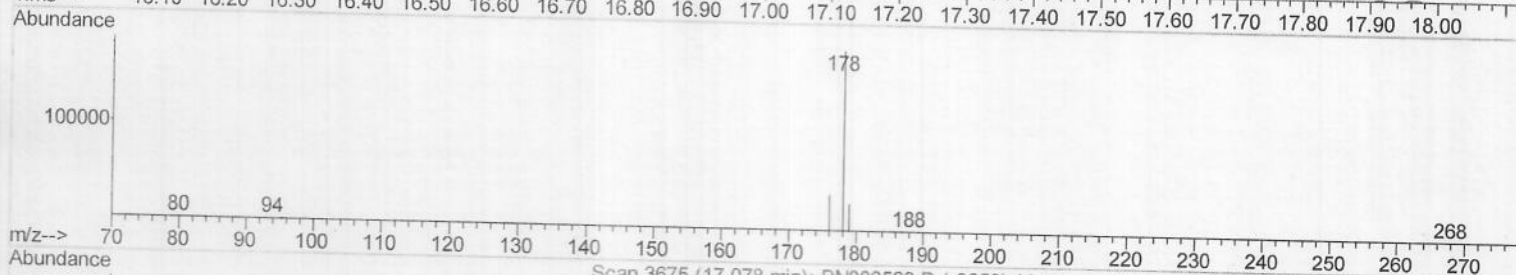
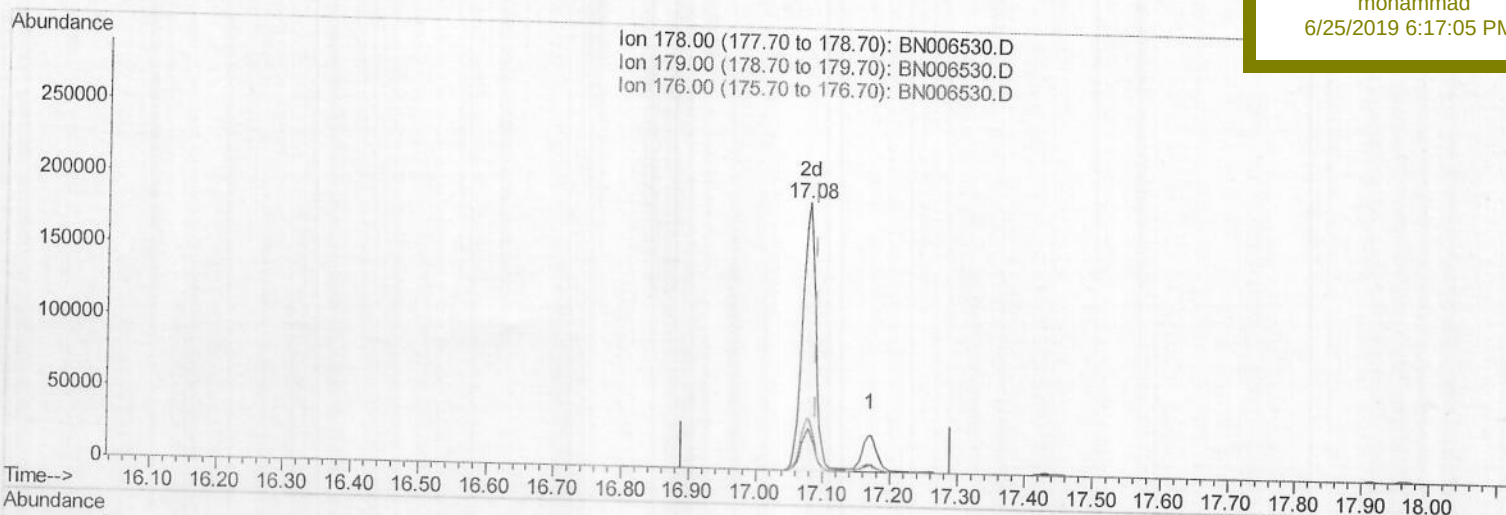
A4203

Manual Integrations

APPROVED

mohammad

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(12) Phenanthrene

17.078min (-0.013) 4.87ng/ul m

> JU 06/26/19

response 252317

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.40 | 15.28 |
| 176.00 | 19.10 | 19.59 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

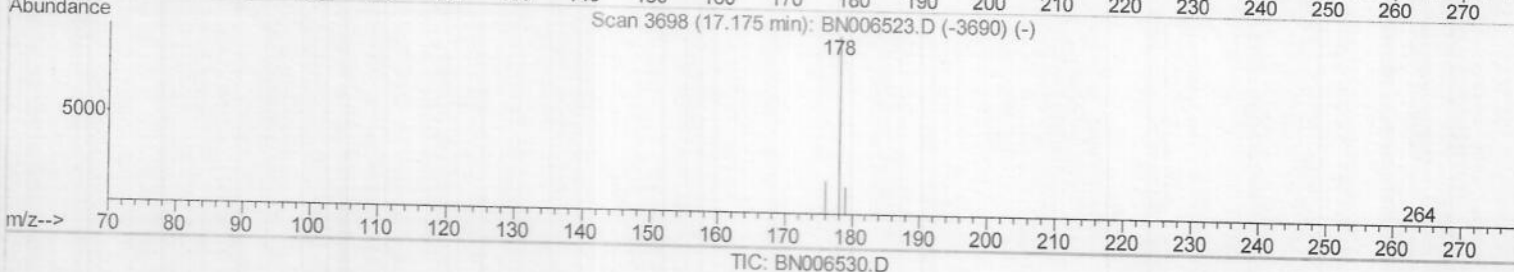
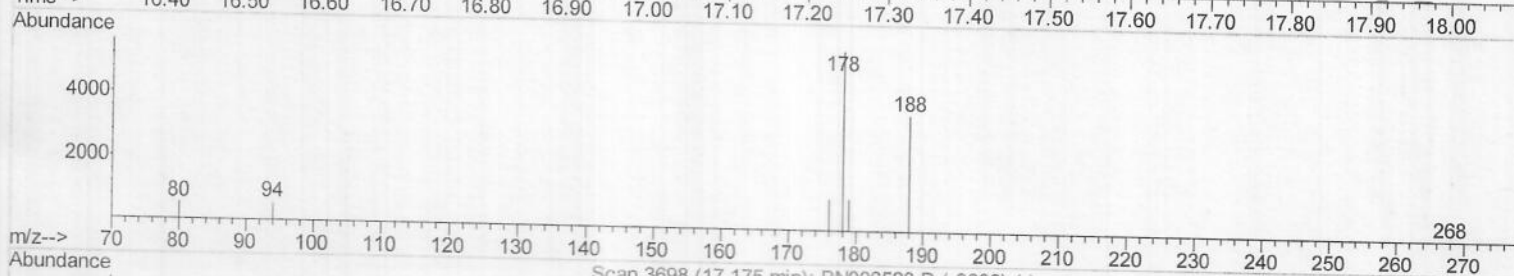
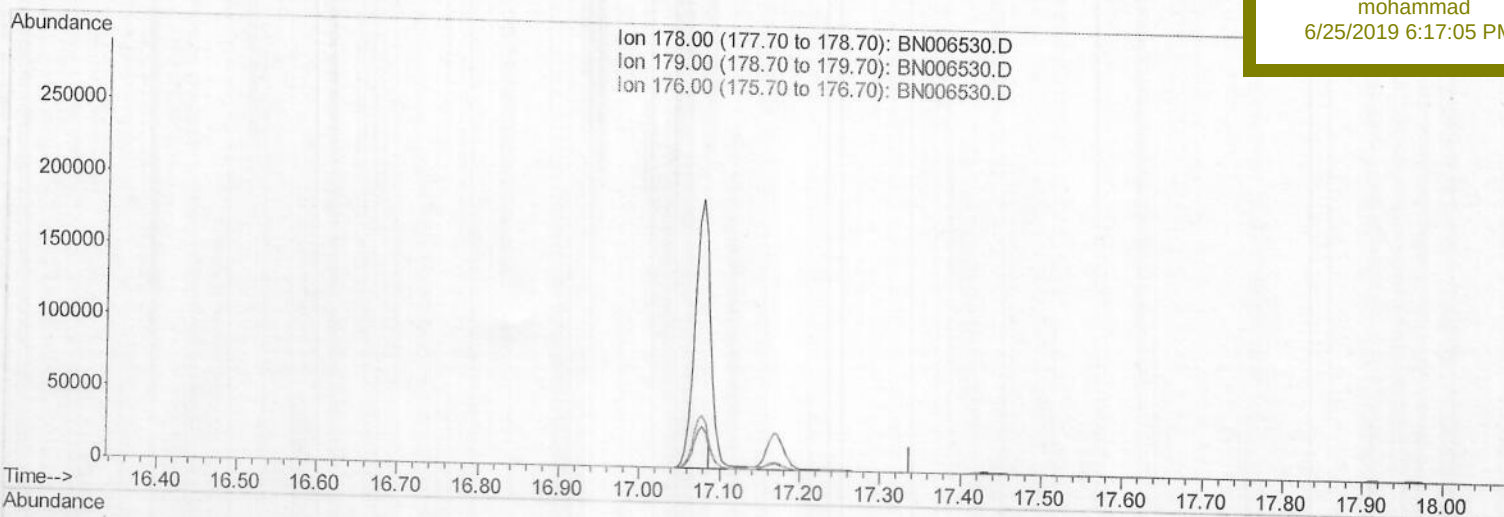
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:17:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4203

Manual Integrations  
 APPROVED

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(13) Anthracene

17.187min (-17.187) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 0.00  |
| 179.00 | 15.30 | 0.00# |
| 176.00 | 18.90 | 0.00# |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

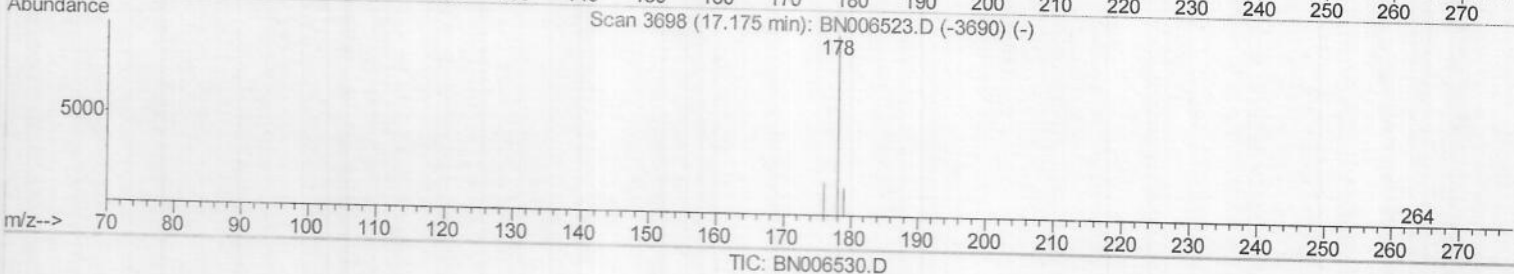
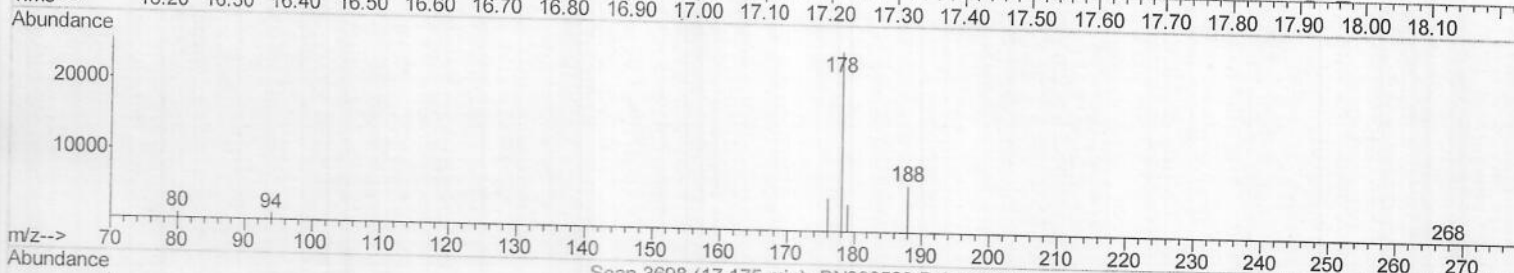
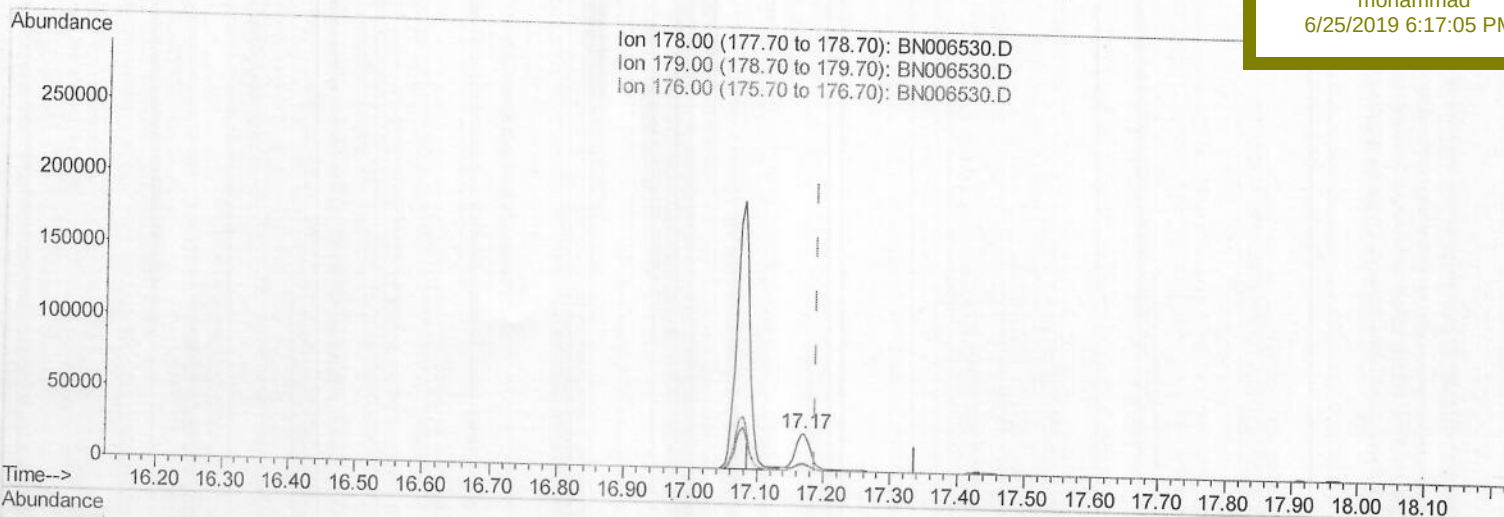
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:17:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4203

Manual Integrations  
 APPROVED

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(13) Anthracene

17.170min (-0.017) 0.85ng/ul m

> JU 06/26/19

response 42159

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.30 | 15.97 |
| 176.00 | 18.90 | 19.17 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\

Data File : BN006530.D

Acq On : 24 Jun 2019 14:44

Operator : HP/JU

Sample : K3362-14

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:17:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

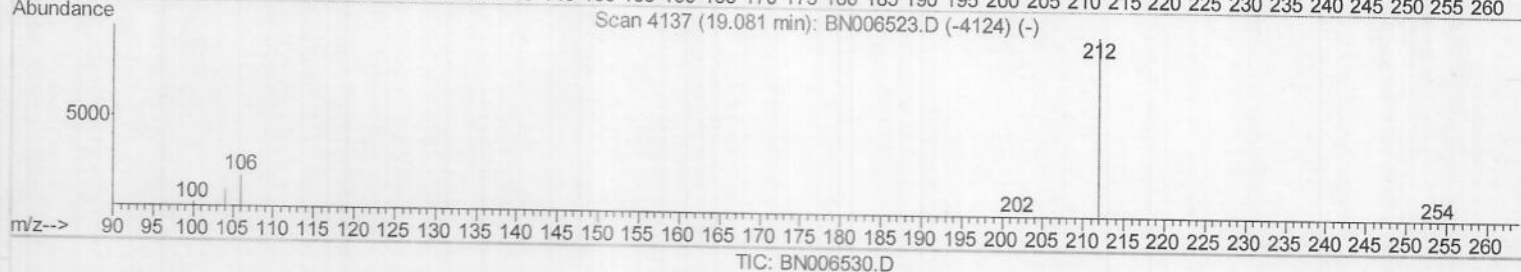
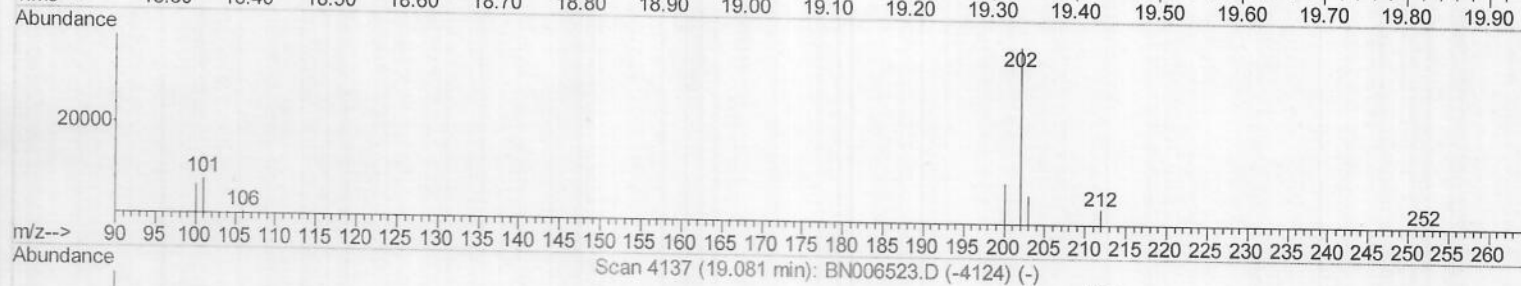
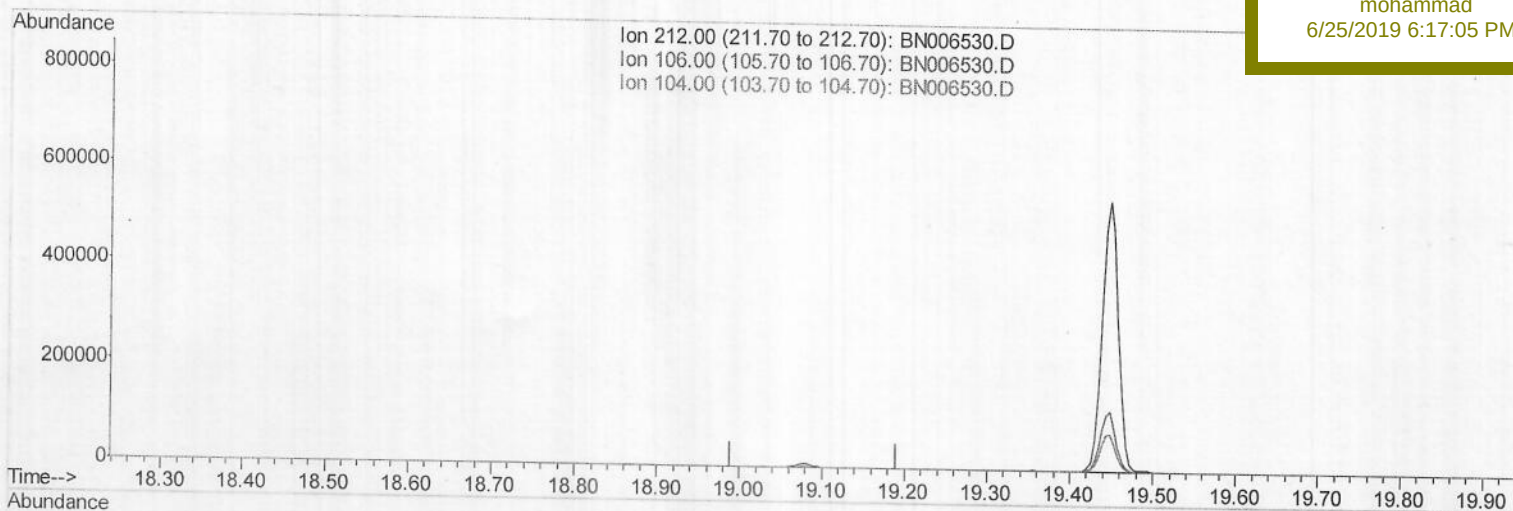
Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

A4203

Manual Integrations  
APPROVEDmohammad  
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(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 18.10 | 0.00# |
| 104.00 | 9.90  | 0.00# |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

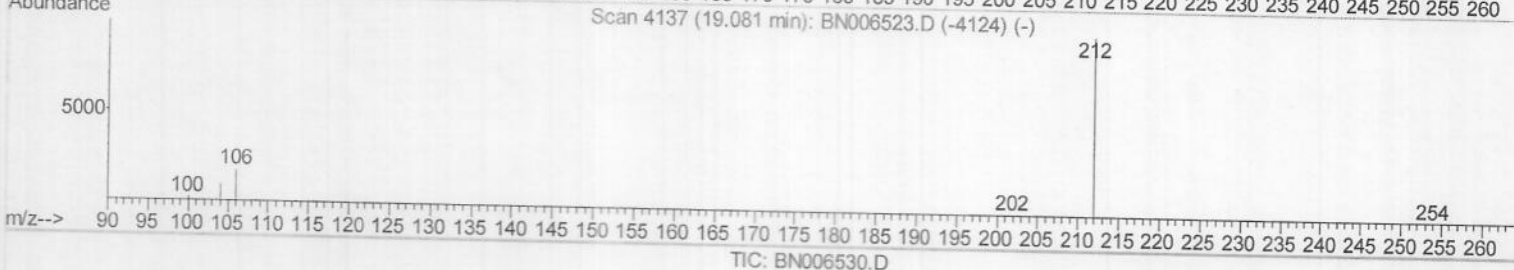
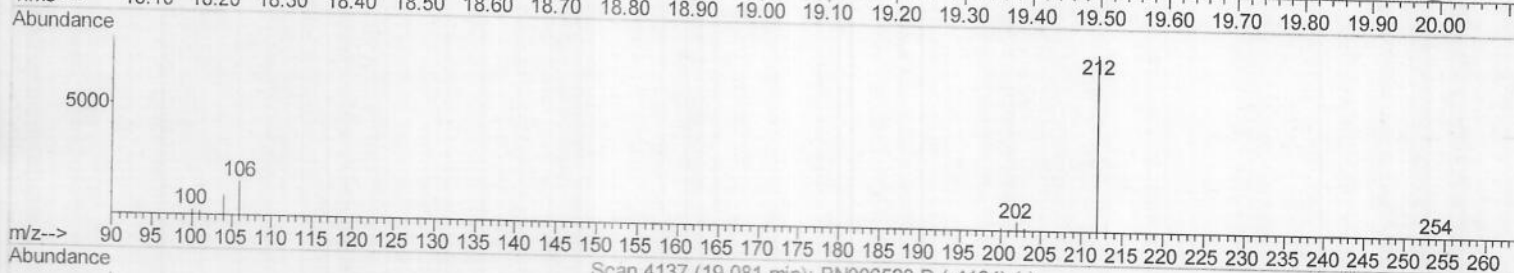
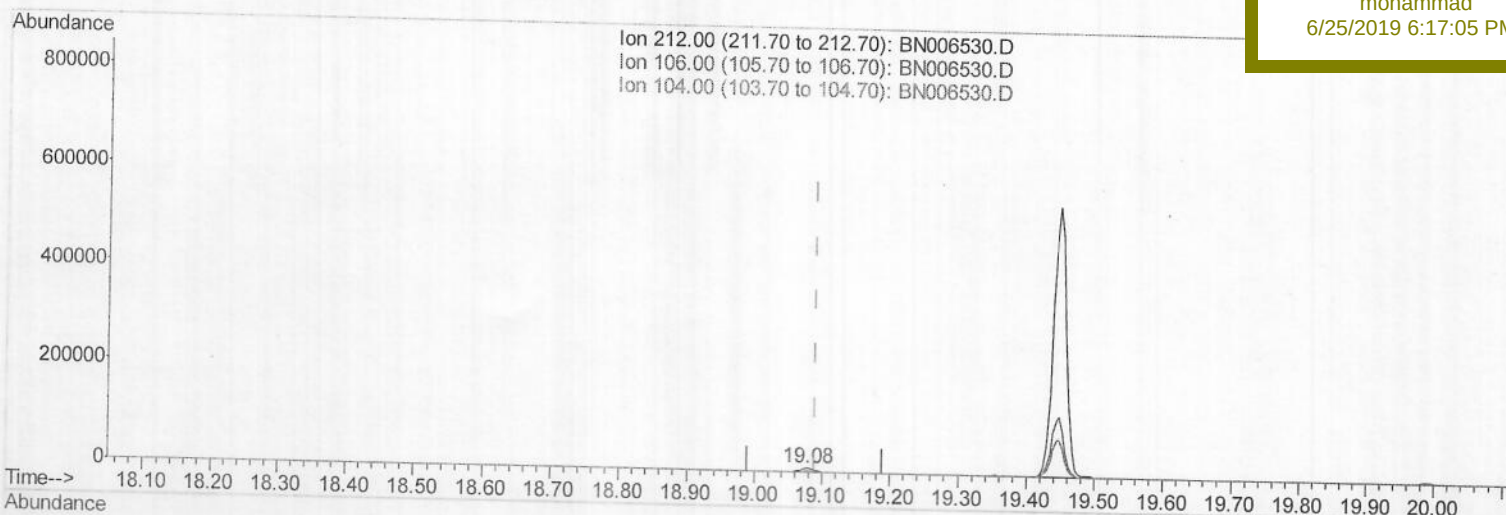
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:17:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4203

Manual Integrations  
 APPROVED

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(14) Fluoranthene-d10 (SURR)

19.076min (-0.014) 0.25ng/ul m

response 11037

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 18.10 | 0.00# |
| 104.00 | 9.90  | 0.00# |
| 0.00   | 0.00  | 0.00  |

7 JU 06/26/19

# Quantitation Report (Qedit)

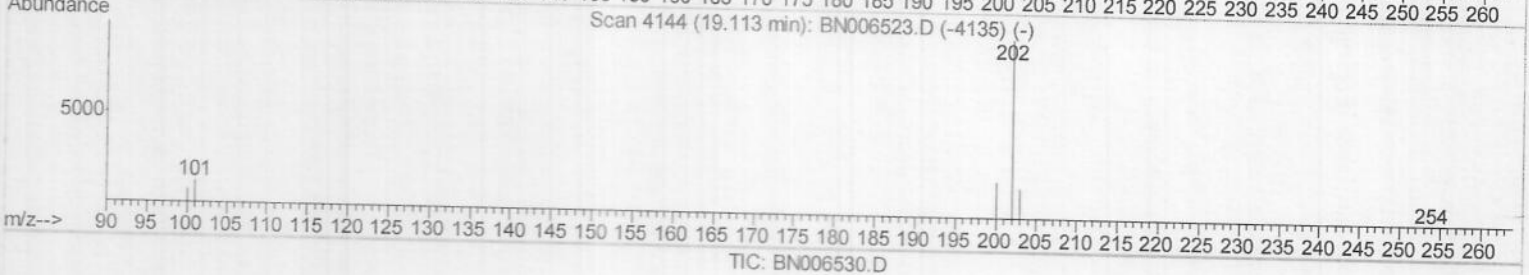
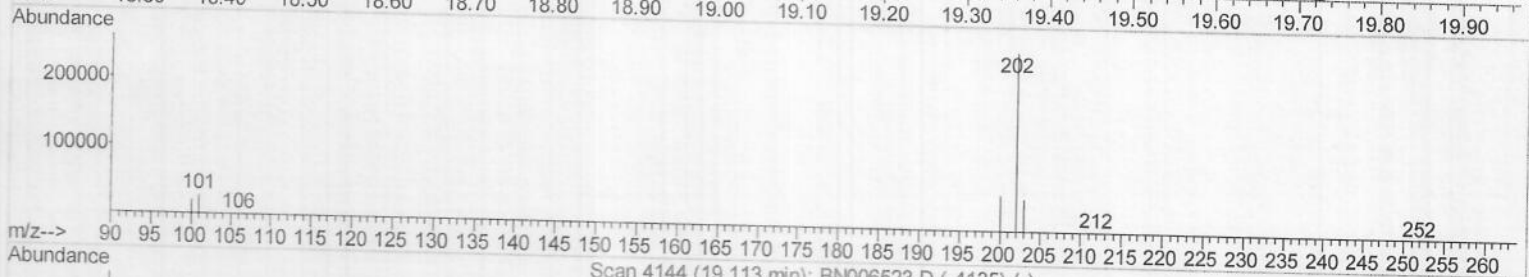
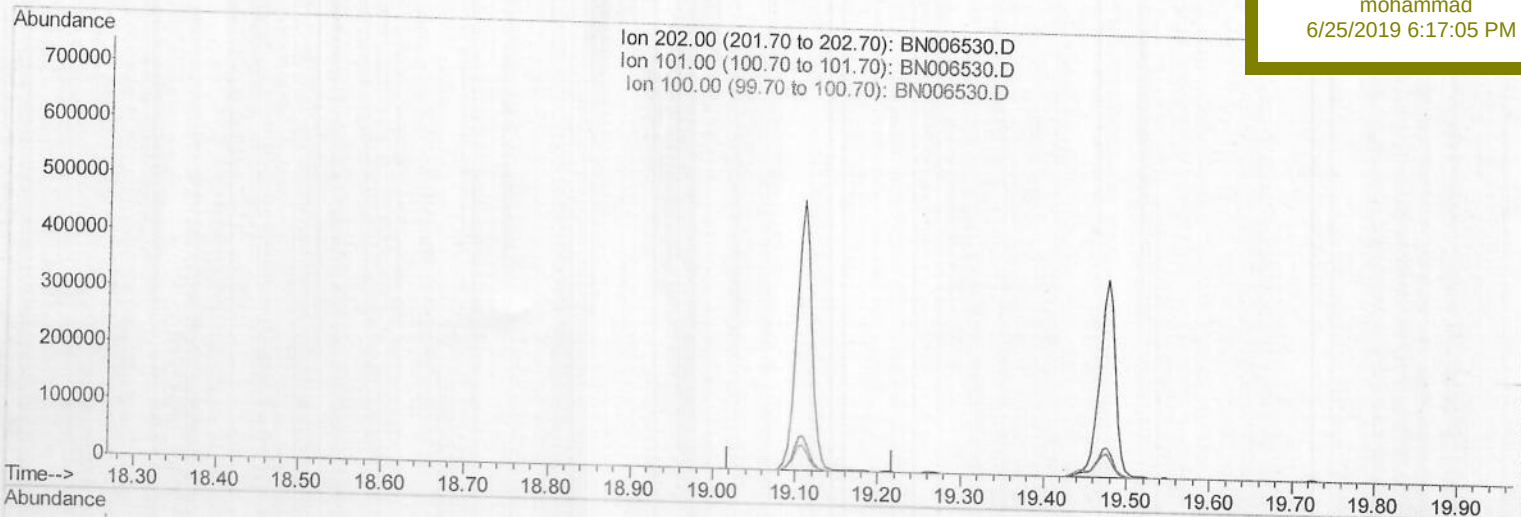
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4203

Manual Integrations  
 APPROVED

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Quant Time: Jun 25 01:17:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.118min (-19.118) 0.00ng/ul

response 0

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 202.00 | 100   | 0.00 |
| 101.00 | 12.10 | 0.00 |
| 100.00 | 8.70  | 0.00 |
| 0.00   | 0.00  | 0.00 |



# Quantitation Report (Qedit)

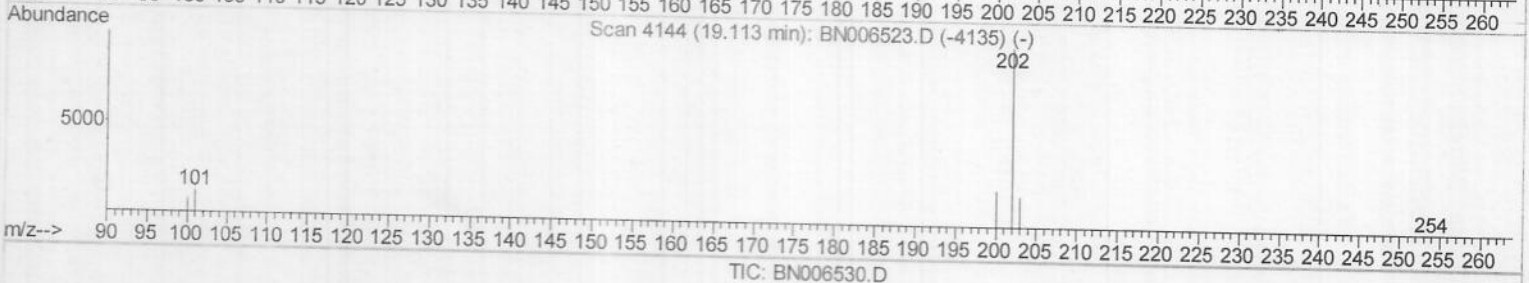
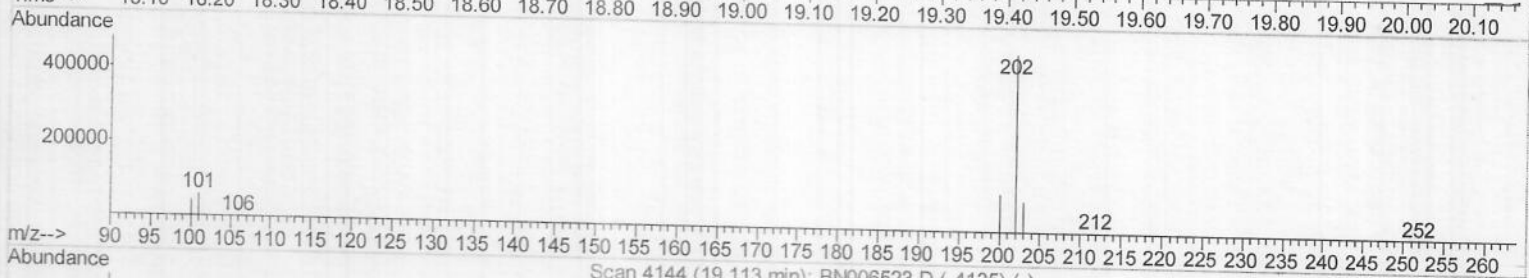
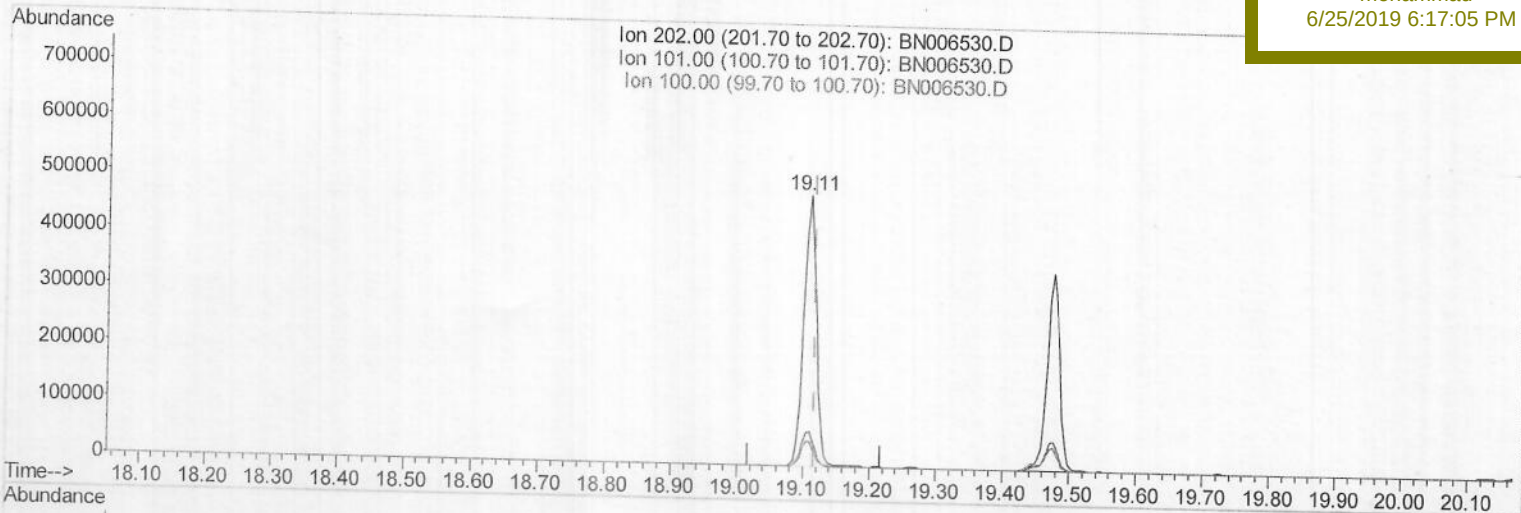
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:17:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 Client Sampled :  
 A4203

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 6:17:05 PM



(15) Fluoranthene (C)

19.109min (-0.009) 10.66ng/ul m

> JU 06/26/19

response 609616

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.10 | 12.65 |
| 100.00 | 8.70  | 9.08  |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

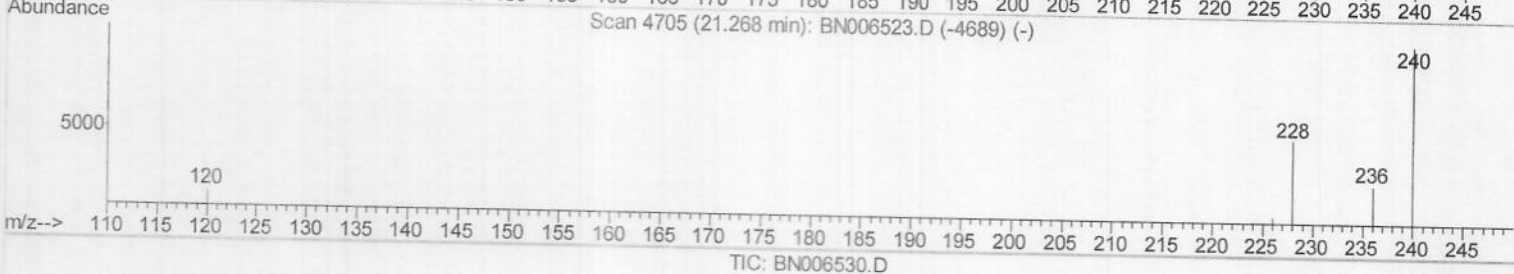
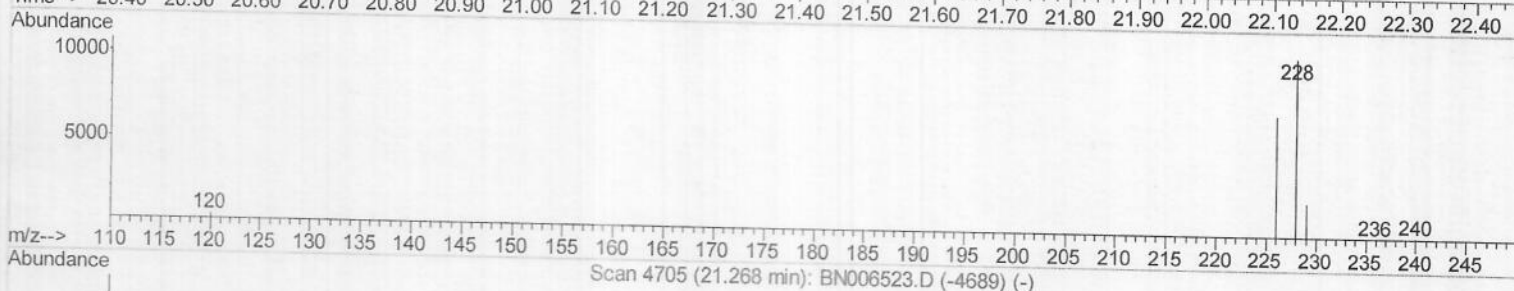
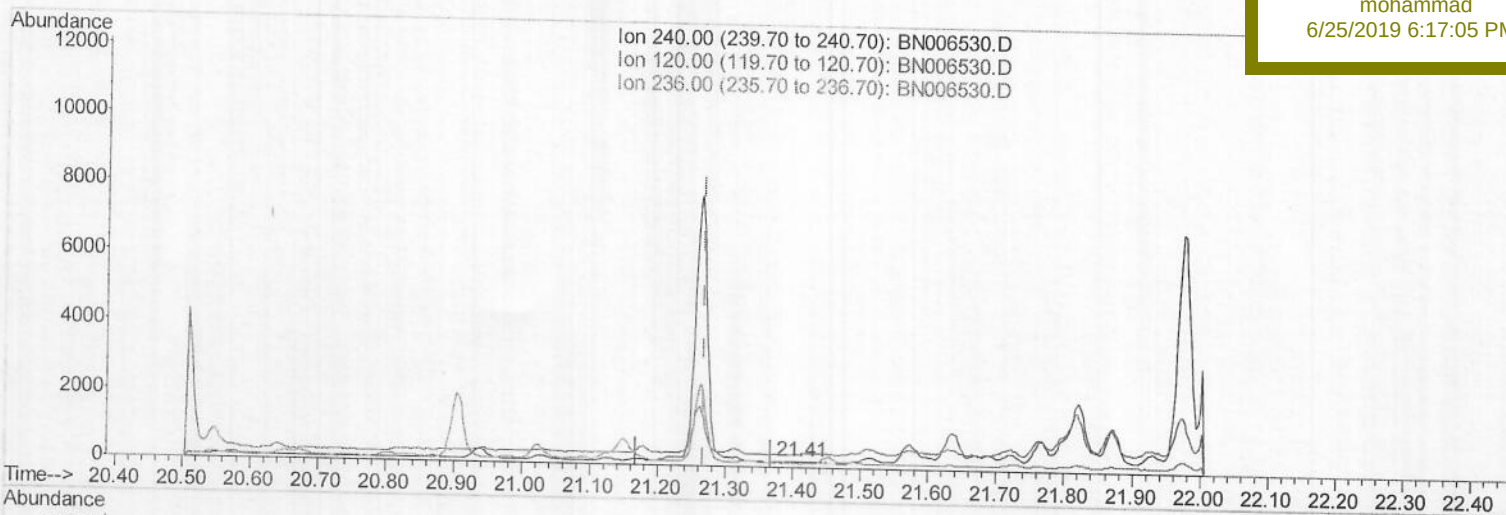
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:17:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4203

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 6:17:05 PM



(16) Chrysene-d12 (I)  
 21.410min (+0.142) 0.40ng/ul  
 response 125

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 20.10 | 207.22# |
| 236.00 | 30.10 | 64.43#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

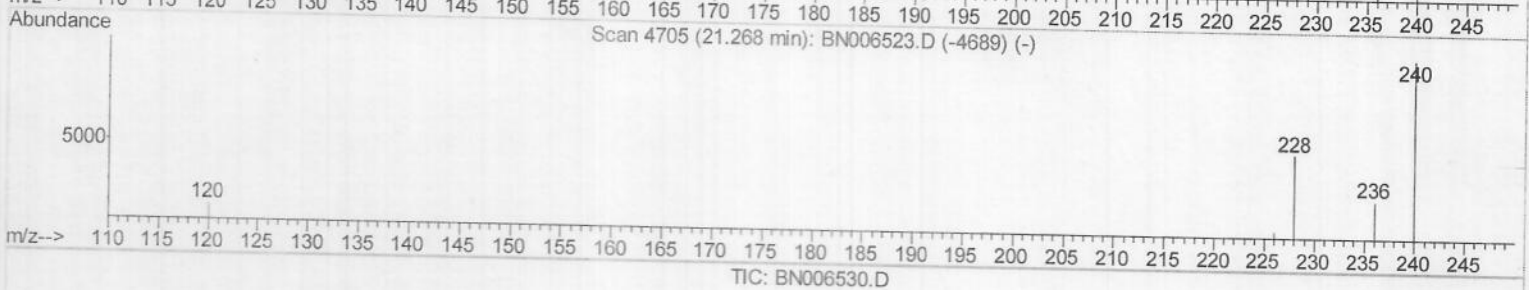
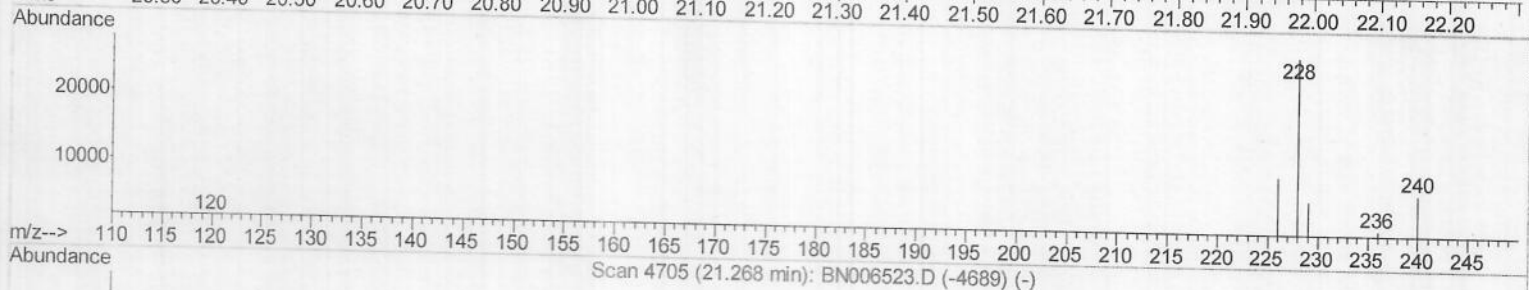
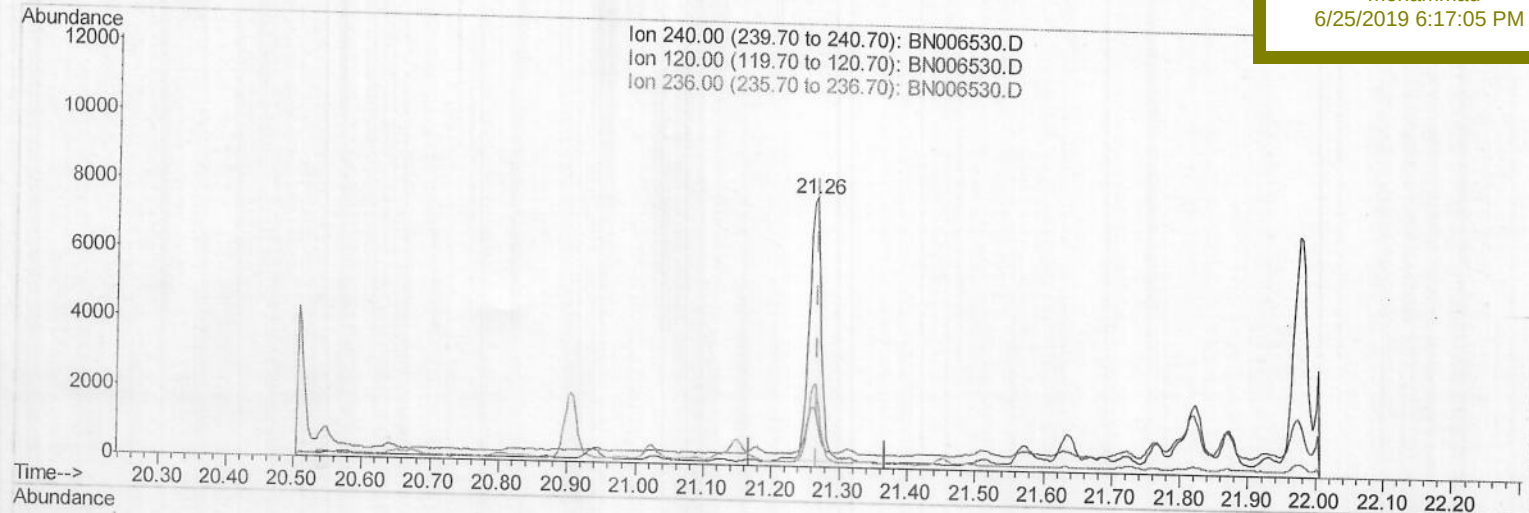
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 Client Sampled :  
 A4203

Manual Integrations  
 APPROVED

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Quant Time: Jun 25 01:17:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.264min (-0.004) 0.40ng/ul m > JU 06/26/19

response 9476

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 20.10 | 20.60 |
| 236.00 | 30.10 | 30.33 |
| 0.00   | 0.00  | 0.00  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\

Data File : BN006530.D

Acq On : 24 Jun 2019 14:44

Operator : HP/JU

Sample : K3362-14

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:18:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

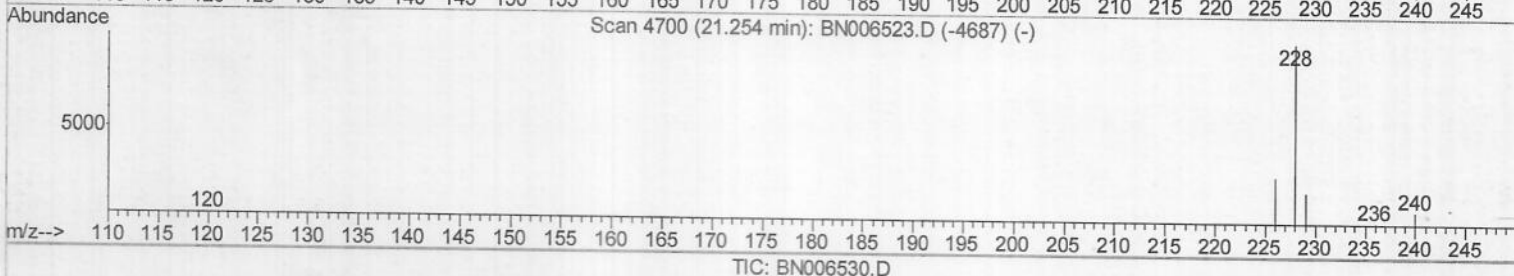
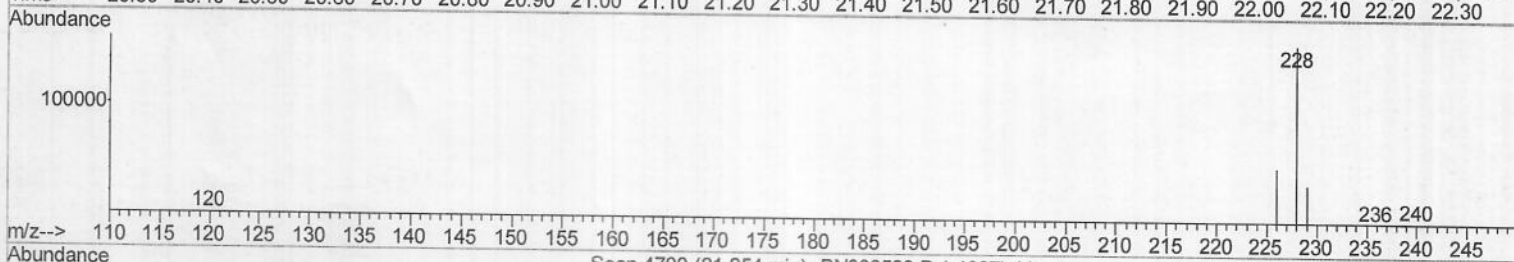
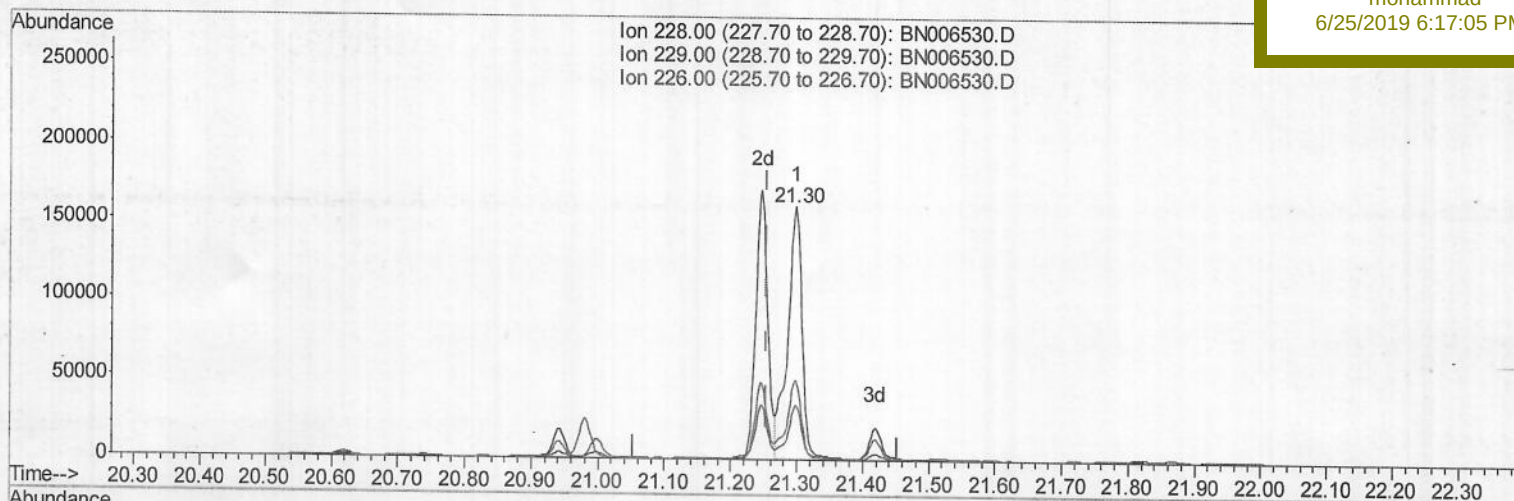
Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

A4203

Manual Integrations  
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6/25/2019 6:17:05 PM

(18) Benzo(a)anthracene

21.299min (+0.045) 5.76ng/ul

response 241477

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 20.60 | 21.36 |
| 226.00 | 28.50 | 30.92 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\

Data File : BN006530.D

Acq On : 24 Jun 2019 14:44

Operator : HP/JU

Sample : K3362-14

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:18:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

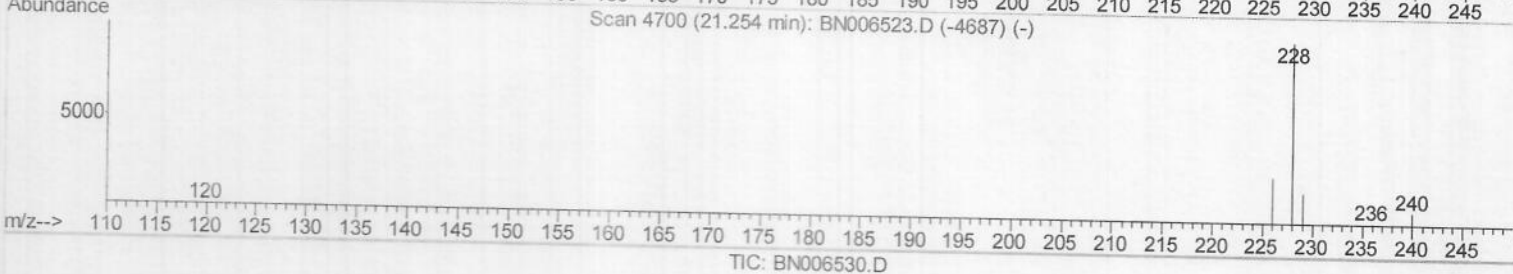
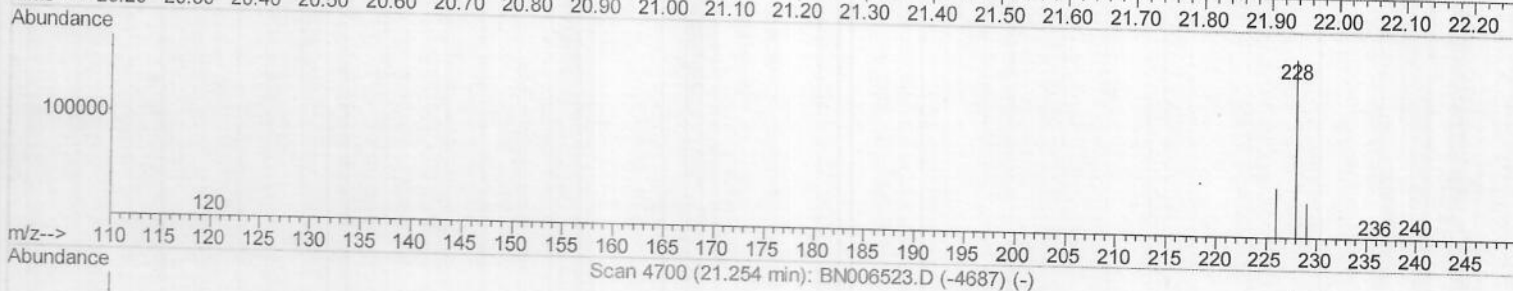
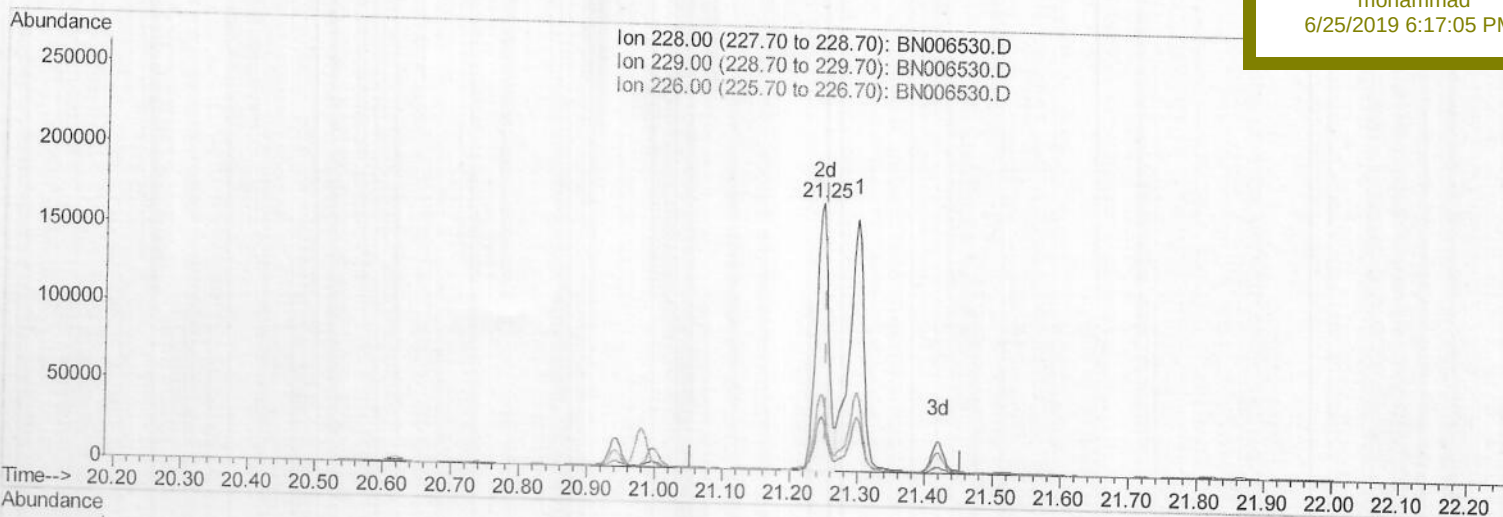
BNA\_N

ClientSampleId :

A4203

Manual Integrations  
APPROVED

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6/25/2019 6:17:05 PM



(18) Benzo(a)anthracene

21.246min (-0.007) 5.16ng/ul m

> JU 06/26/19

response 216171

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 20.60 | 20.21 |
| 226.00 | 28.50 | 28.08 |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\

Data File : BN006530.D

Acq On : 24 Jun 2019 14:44

Operator : HP/JU

Sample : K3362-14

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:18:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

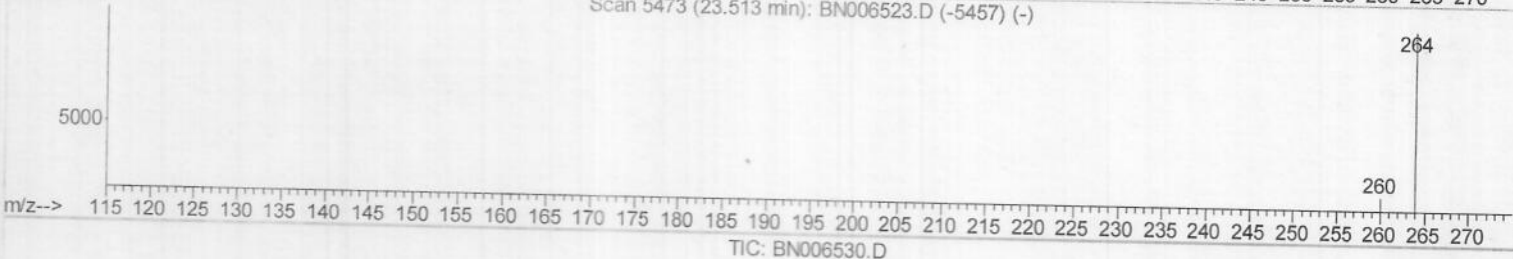
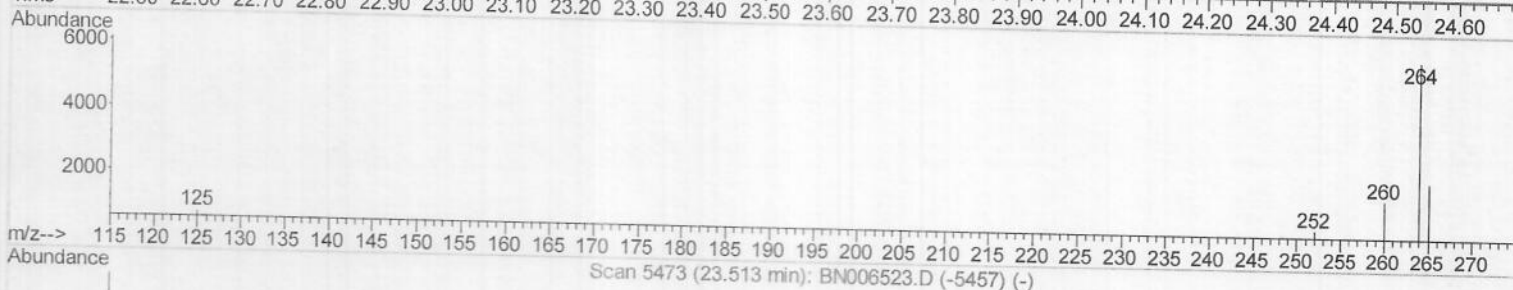
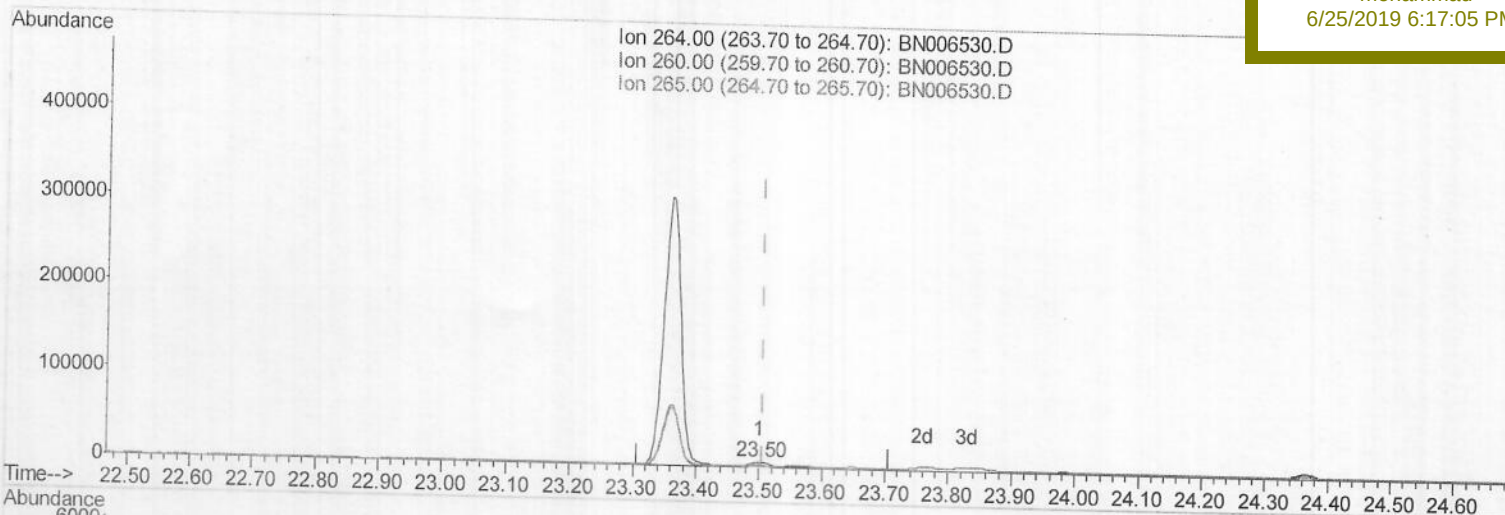
A4203

Manual Integrations

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(20) Perylene-d12 (I)

23.500min (-0.007) 0.40ng/ul

response 14324

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 29.20 | 28.64 |
| 265.00 | 44.70 | 38.23 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\

Data File : BN006530.D

Acq On : 24 Jun 2019 14:44

Operator : HP/JU

Sample : K3362-14

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:18:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA\_N

Client Sampled :

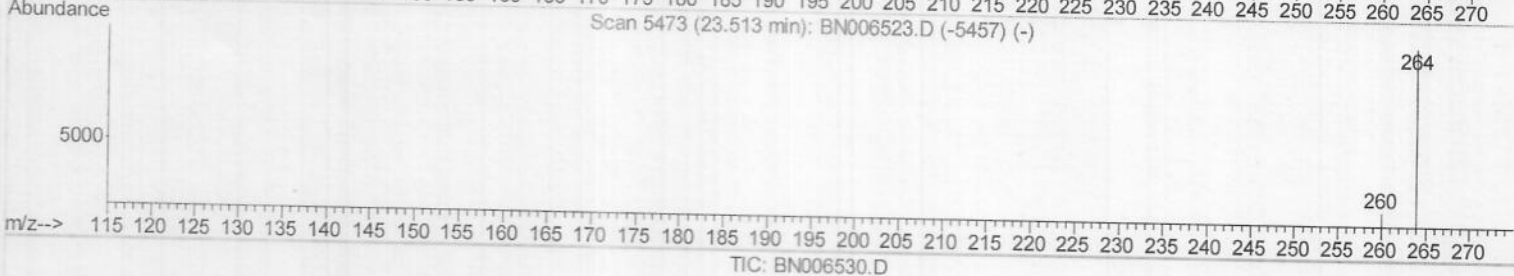
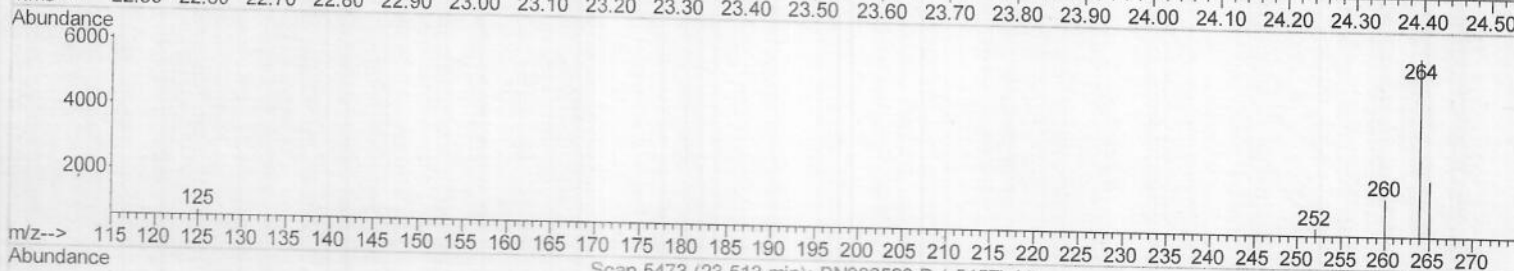
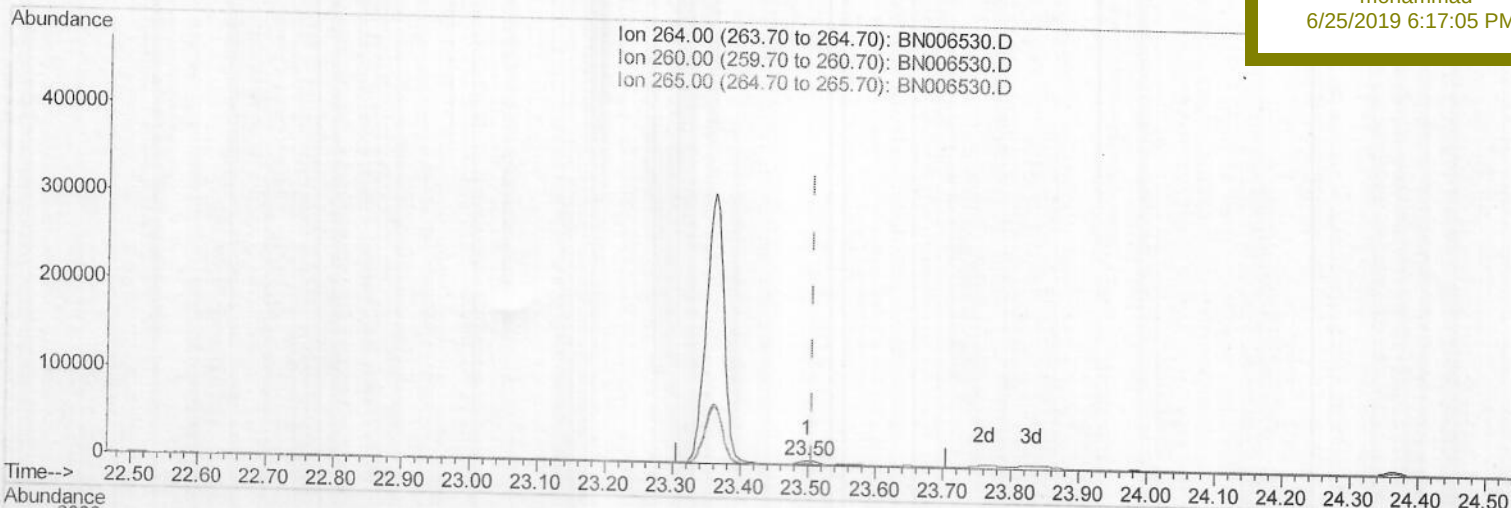
A4203

Manual Integrations

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(20) Perylene-d12 (I)

23.500min (-0.007) 0.40ng/ul m

> JU 06/26/19

response 9023

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 29.20 | 28.64 |
| 265.00 | 44.70 | 38.23 |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\

Data File : BN006530.D

Acq On : 24 Jun 2019 14:44

Operator : HP/JU

Sample : K3362-14

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:19:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

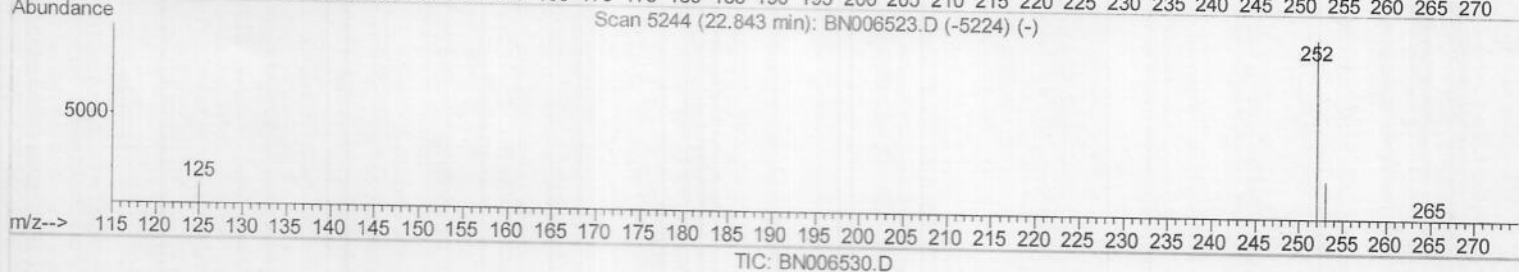
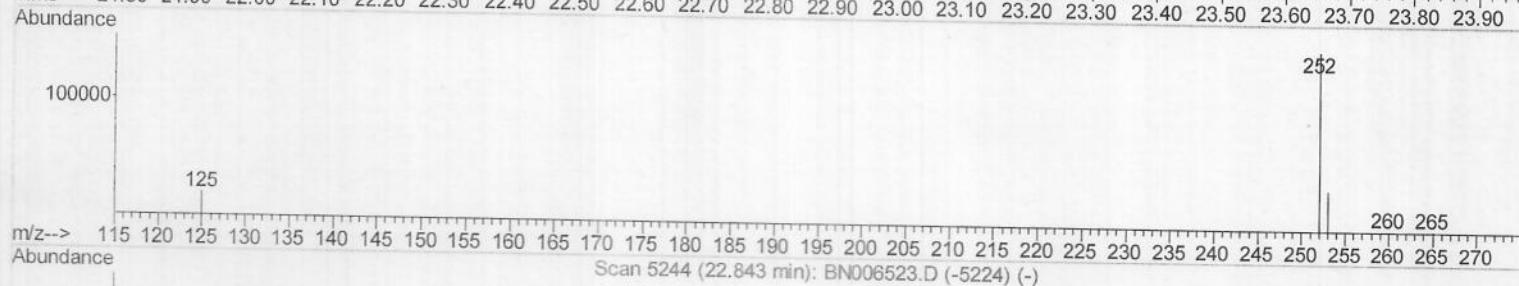
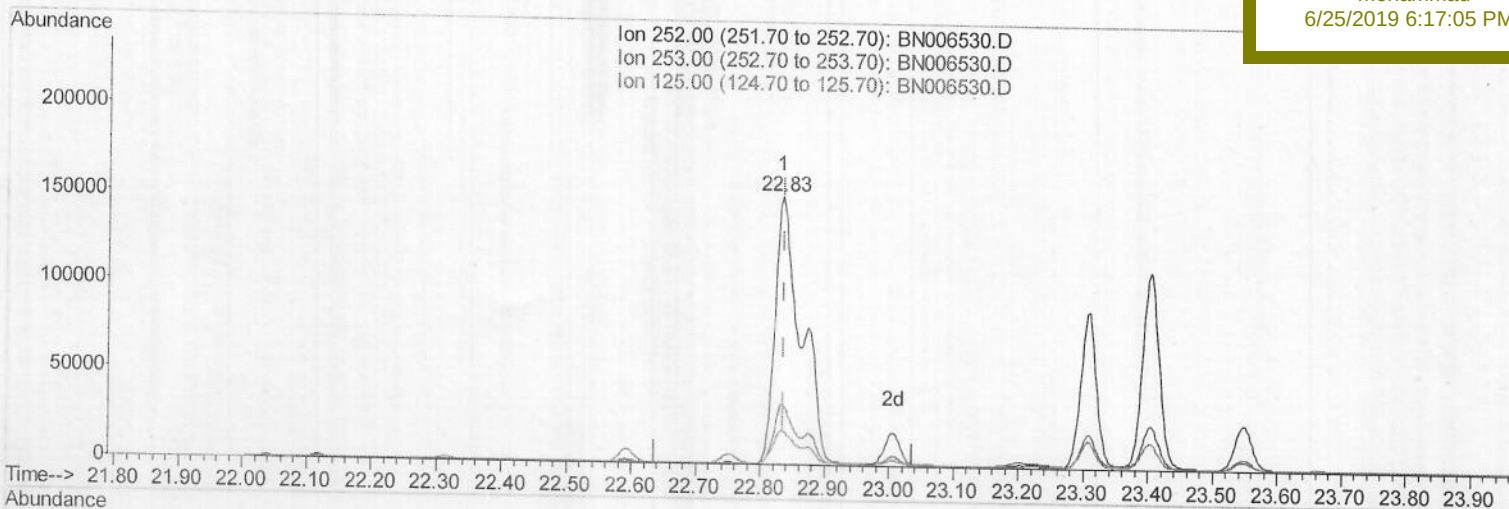
A4203

Manual Integrations

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(21) Benzo(b)fluoranthene

22.833min (-0.004) 11.40ng/ul

response 428936

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.70 | 22.58 |
| 125.00 | 20.50 | 12.80 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\

Data File : BN006530.D

Acq On : 24 Jun 2019 14:44

Operator : HP/JU

Sample : K3362-14

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:19:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA\_N

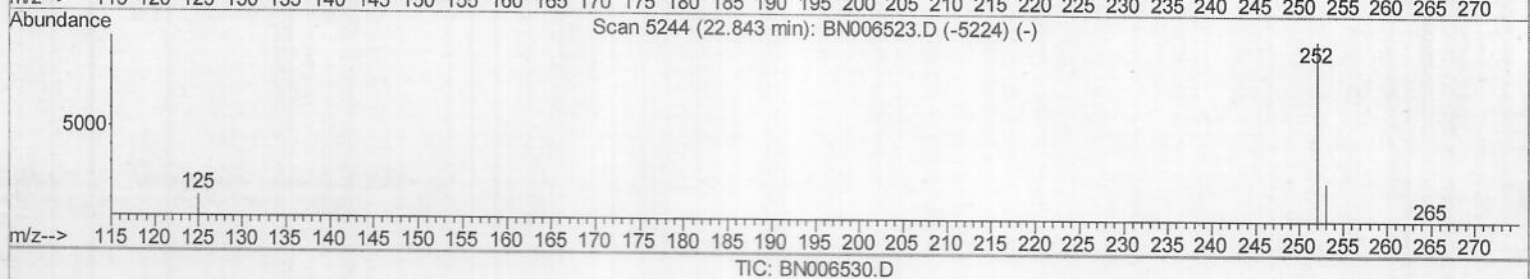
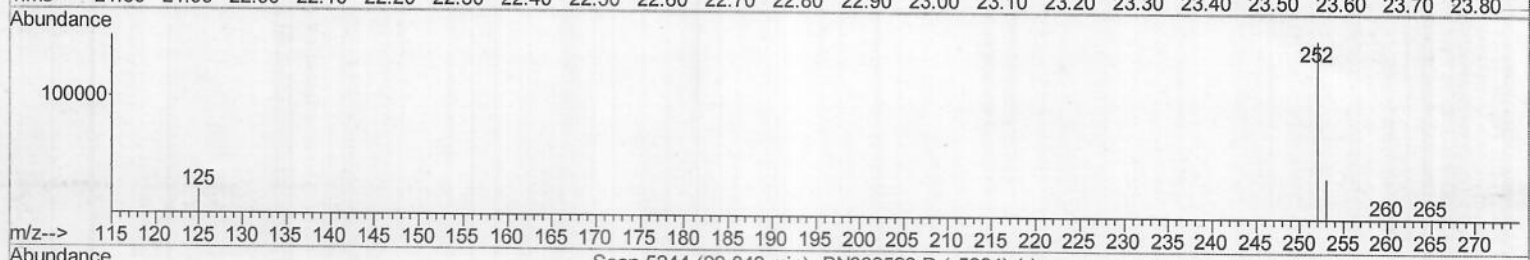
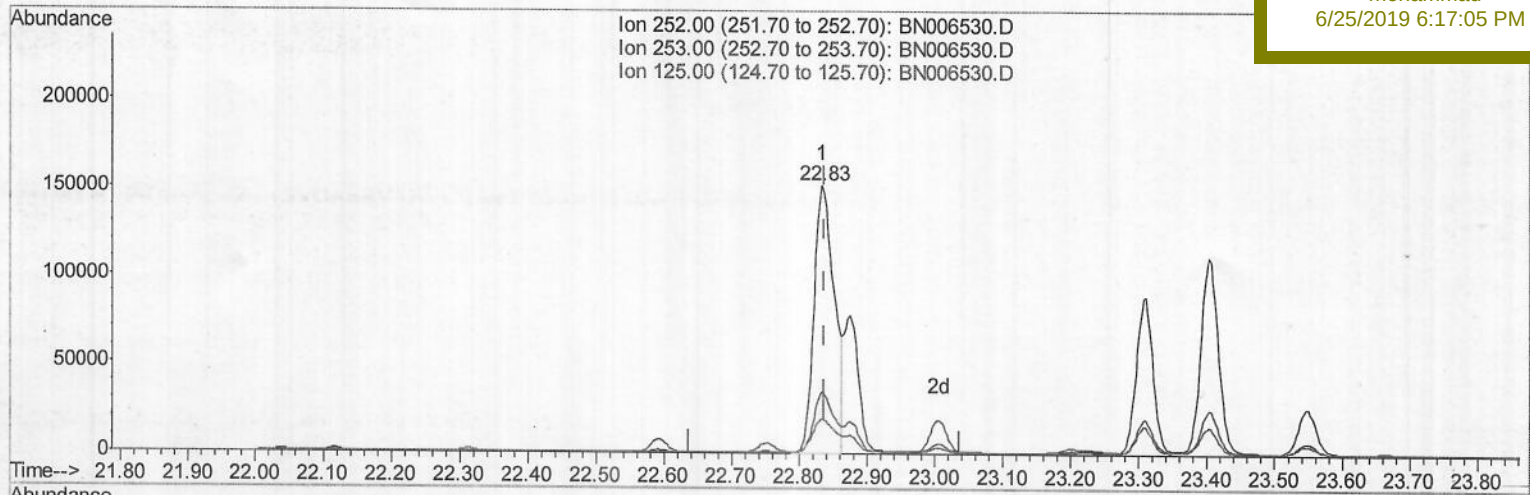
ClientSampleId :

A4203

Manual Integrations  
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(21) Benzo(b)fluoranthene

22.833min (-0.004) 8.34ng/ul m

response 313684

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.70 | 22.58 |
| 125.00 | 20.50 | 12.80 |
| 0.00   | 0.00  | 0.00  |

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06/26/19



# Quantitation Report (Qedit)

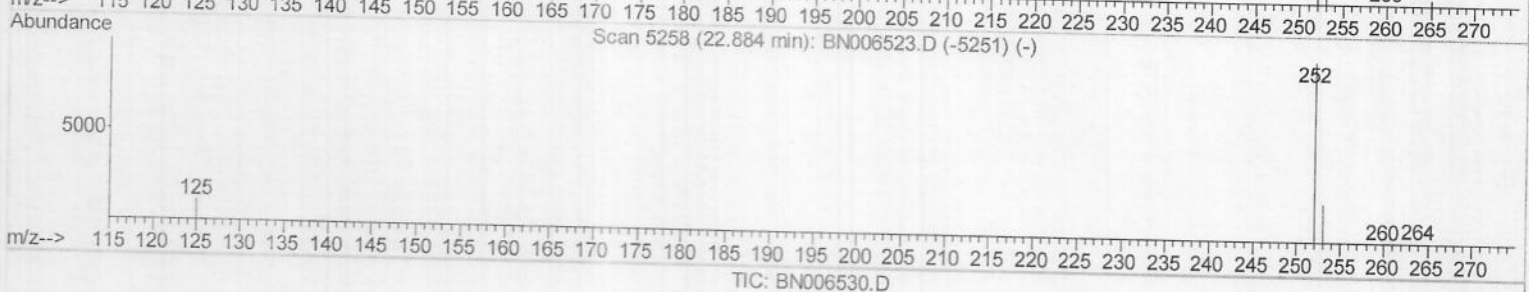
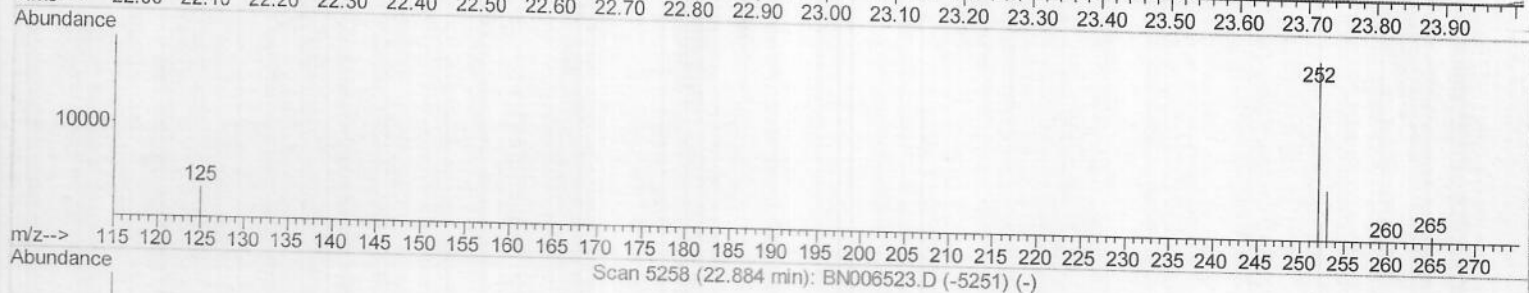
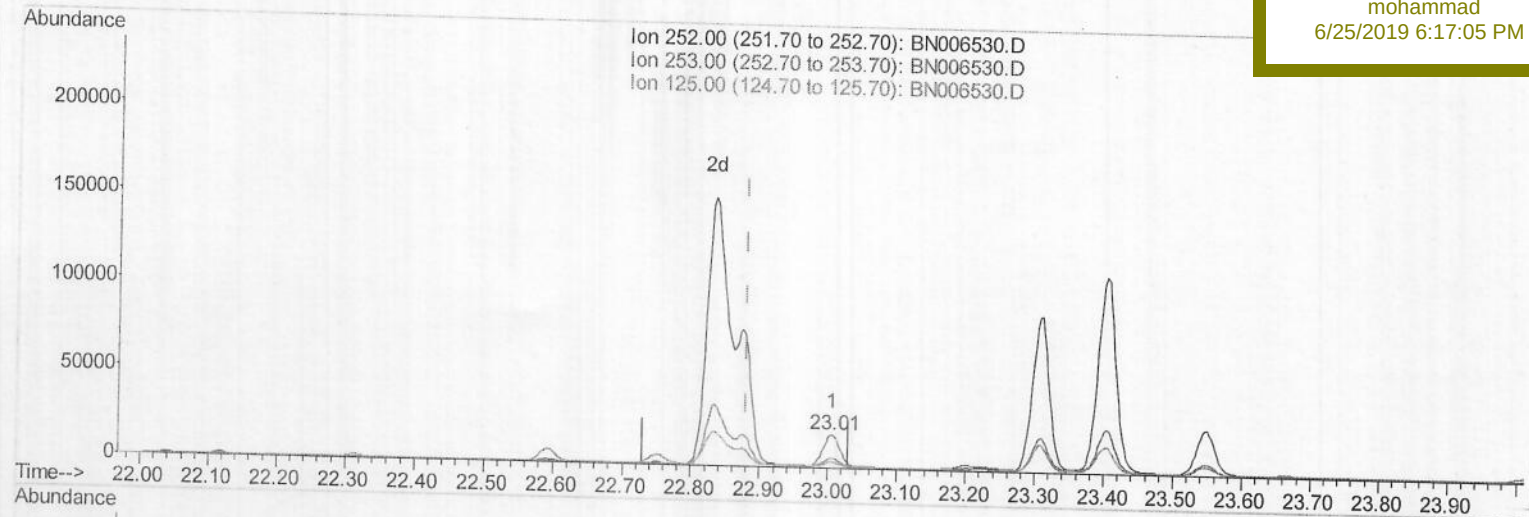
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4203

Manual Integrations  
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Quant Time: Jun 25 01:19:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
 23.006min (+0.124) 0.60ng/ul  
 response 22164  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.40 | 28.95 |
| 125.00 | 17.90 | 17.77 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\

Data File : BN006530.D

Acq On : 24 Jun 2019 14:44

Operator : HP/JU

Sample : K3362-14

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 01:19:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

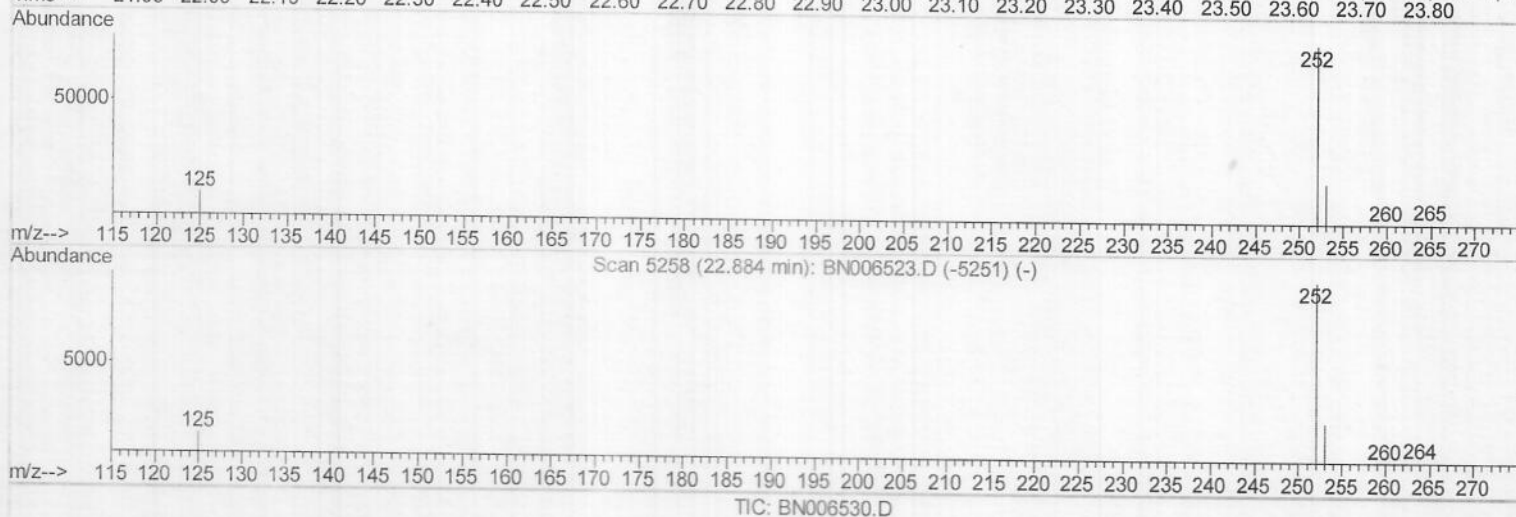
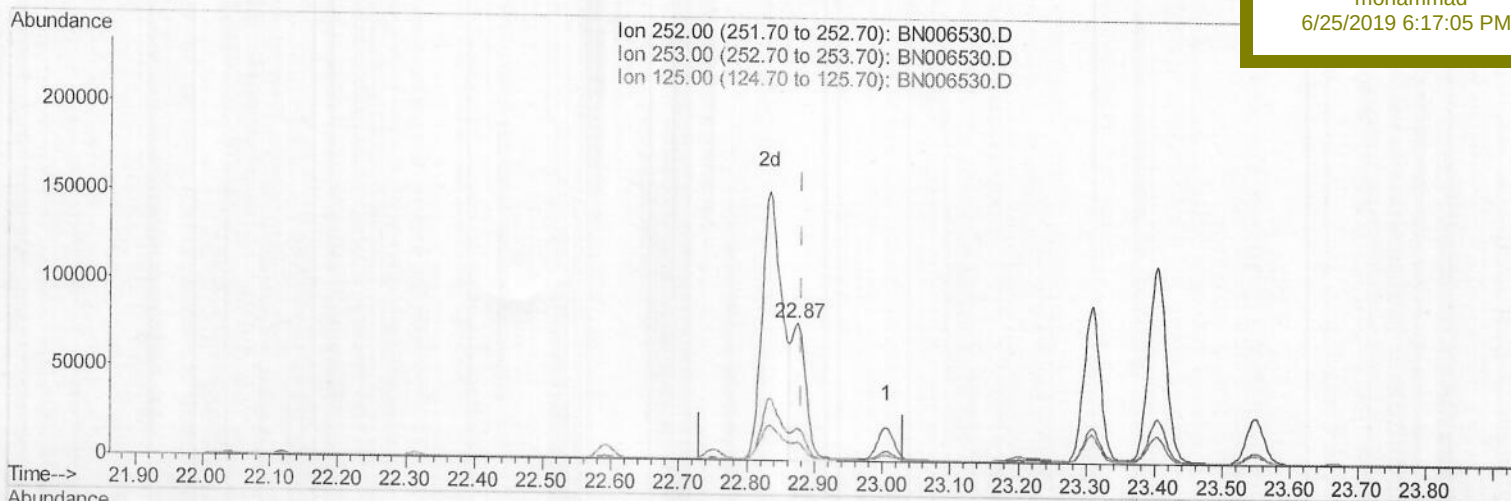
Response via : Initial Calibration

Instrument :

BNA\_N

Client SampleId :

A4203

Manual Integrations  
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(22) Benzo(k)fluoranthene

22.874min (-0.007) 3.20ng/ul m

response 117373

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.40 | 22.81  |
| 125.00 | 17.90 | 12.93# |
| 0.00   | 0.00  | 0.00   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062419\  
 Data File : BN006530.D  
 Acq On : 24 Jun 2019 14:44  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4203

Quant Time: Jun 25 01:21:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

Manual Integrations  
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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 4709     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.41 | 136  | 17579    | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 8695     | 0.40   | ng/ul  | -0.01    |
| 10) Phenanthrene-d10        | 17.04 | 188  | 16133m   | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.26 | 240  | 9476m    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.50 | 264  | 9023m    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 6641     | 0.25   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 11037m   | 0.25   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          |        |        |          |
| 3) Naphthalene              | 10.46 | 128  | 1845     | 0.038  | ng/ul# | 86       |
| 5) 2-Methylnaphthalene      | 12.08 | 142  | 817      | 0.024  | ng/ul  | 94       |
| 7) Acenaphthylene           | 14.00 | 152  | 2625     | 0.054  | ng/ul# | 92       |
| 8) Acenaphthene             | 14.34 | 153  | 5589     | 0.167  | ng/ul  | 98       |
| 9) Fluorene                 | 15.34 | 166  | 7699     | 0.196  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.08 | 178  | 252317m  | 4.872  | ng/ul  |          |
| 13) Anthracene              | 17.17 | 178  | 42159m   | 0.852  | ng/ul  |          |
| 15) Fluoranthene            | 19.11 | 202  | 609616m  | 10.660 | ng/ul  |          |
| 17) Pyrene                  | 19.48 | 202  | 465223   | 9.320  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 216171m  | 5.158  | ng/ul  |          |
| 19) Chrysene                | 21.30 | 228  | 239322   | 6.083  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.83 | 252  | 313684m  | 8.337  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.87 | 252  | 117373m  | 3.203  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.40 | 252  | 199724   | 5.700  | ng/ul# | 84       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.73 | 276  | 147319   | 3.884  | ng/ul# | 89       |
| 25) Dibenzo(a,h)anthracene  | 25.74 | 278  | 36103    | 1.191  | ng/ul  | 94       |
| 26) Benzo(g,h,i)perylene    | 26.42 | 276  | 120873   | 3.805  | ng/ul  | 94       |

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

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