

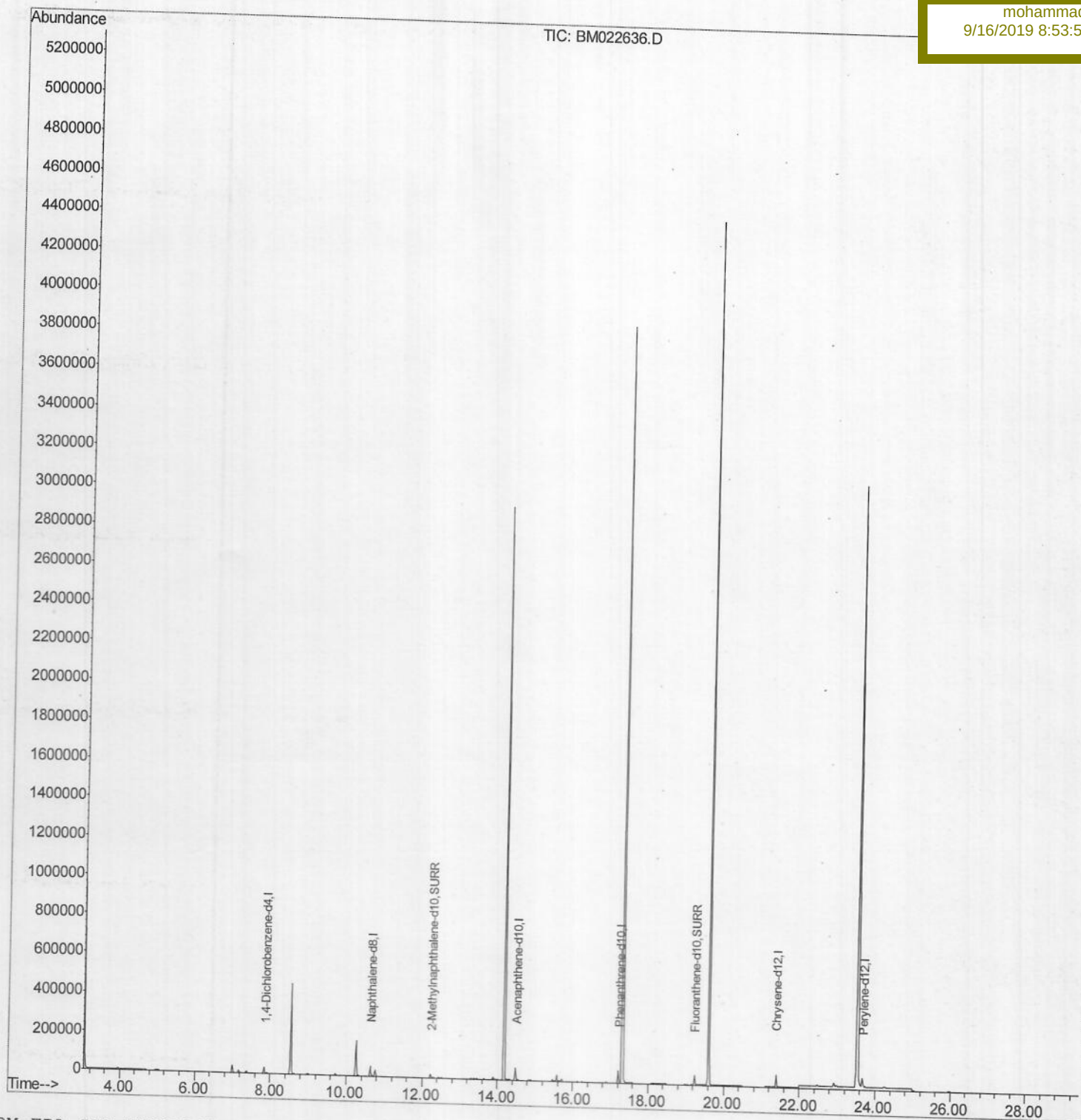
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
 Data File : BM022636.D  
 Acq On : 11 Sep 2019 01:40  
 Operator : HP/JU  
 Sample : K4682-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 H0BL8

Quant Time: Sep 11 05:58:45 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 10 15:06:45 2019  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

mohammad  
 9/16/2019 8:53:54 AM



# Quantitation Report (Qedit)

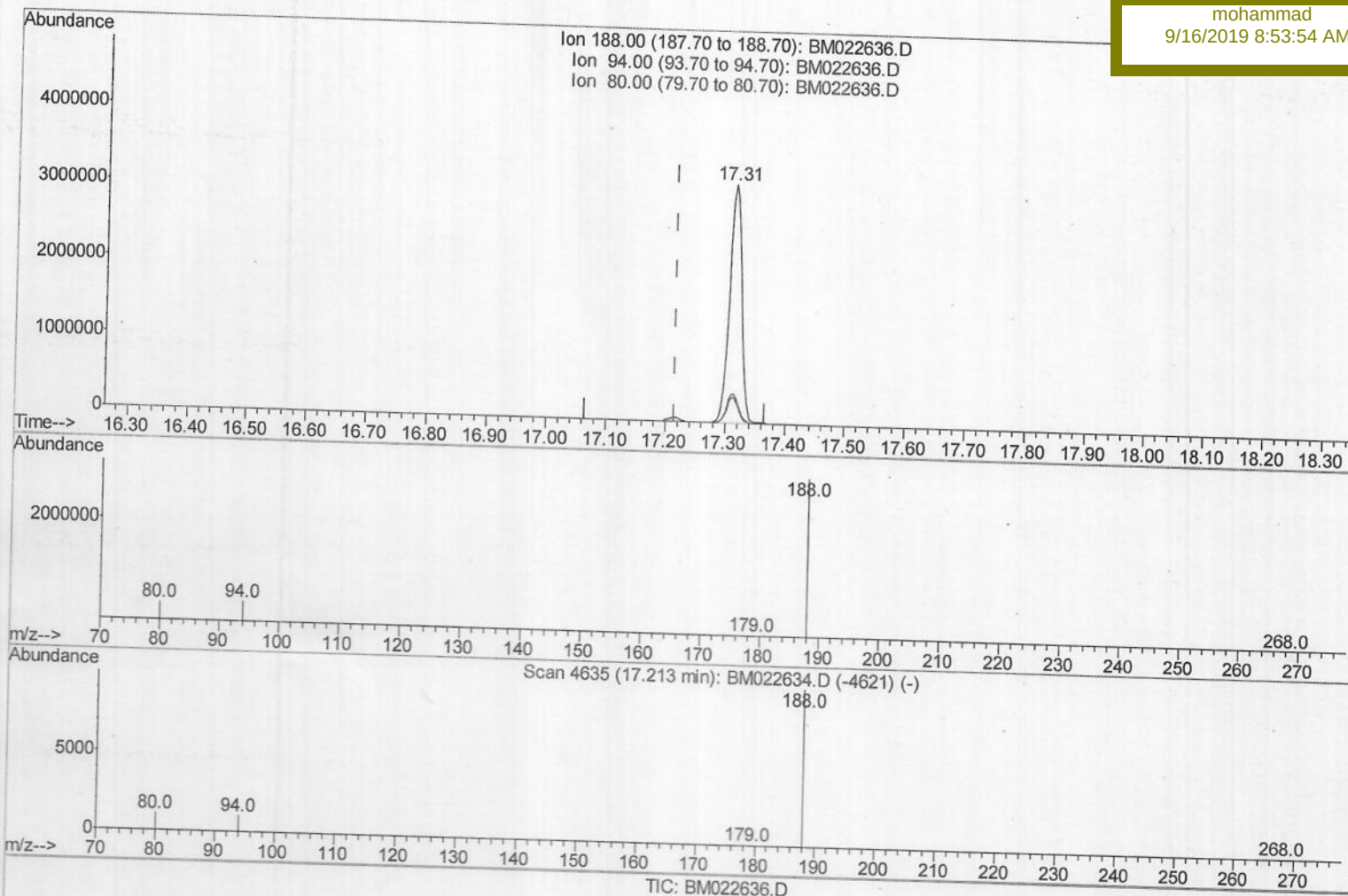
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
 Data File : BM022636.D  
 Acq On : 11 Sep 2019 01:40  
 Operator : HP/JU  
 Sample : K4682-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H0BL8

Manual Integrations  
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Quant Time: Sep 11 05:34:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 10 15:06:45 2019  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)  
 17.313min (+0.097) 0.40ng/ul  
 response 4407050

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 9.80  | 12.20# |
| 80.00  | 11.00 | 10.83  |
| 0.00   | 0.00  | 0.00   |



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
Data File : BM022636.D

Acq On : 11 Sep 2019 01:40

Operator : HP/JU

Sample : K4682-02

Misc :

ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 11 05:34:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

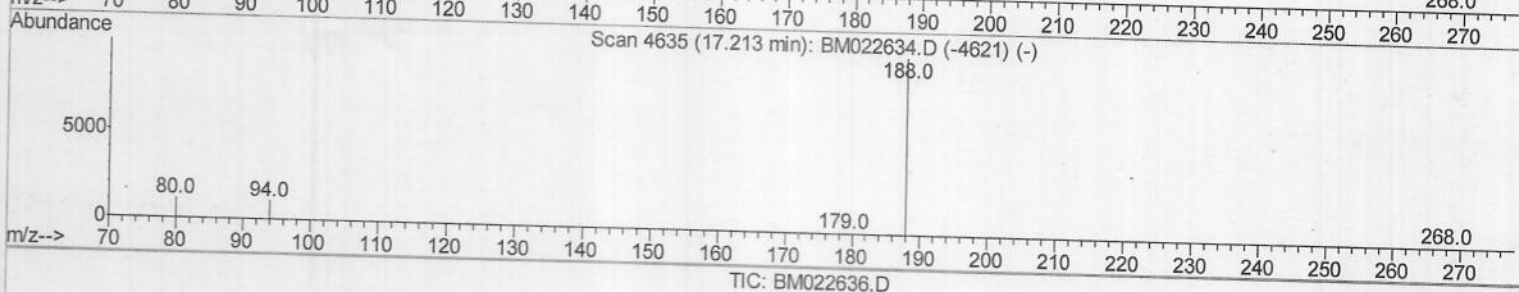
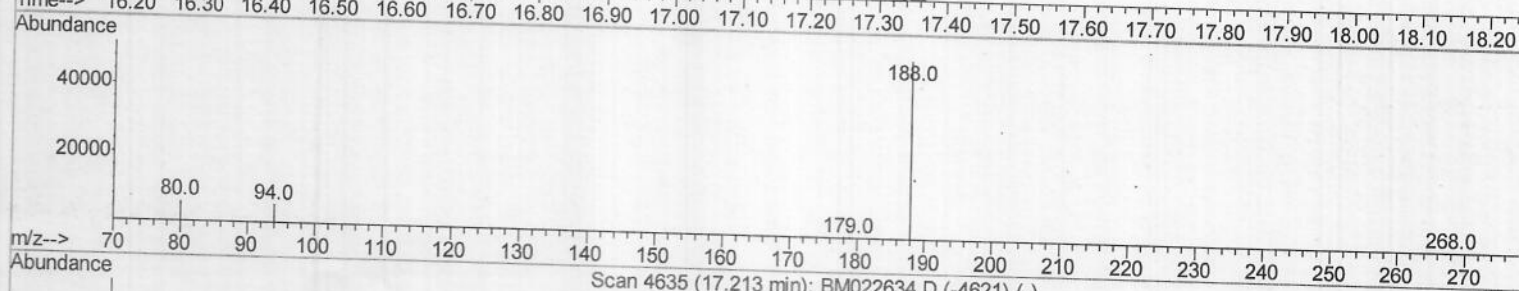
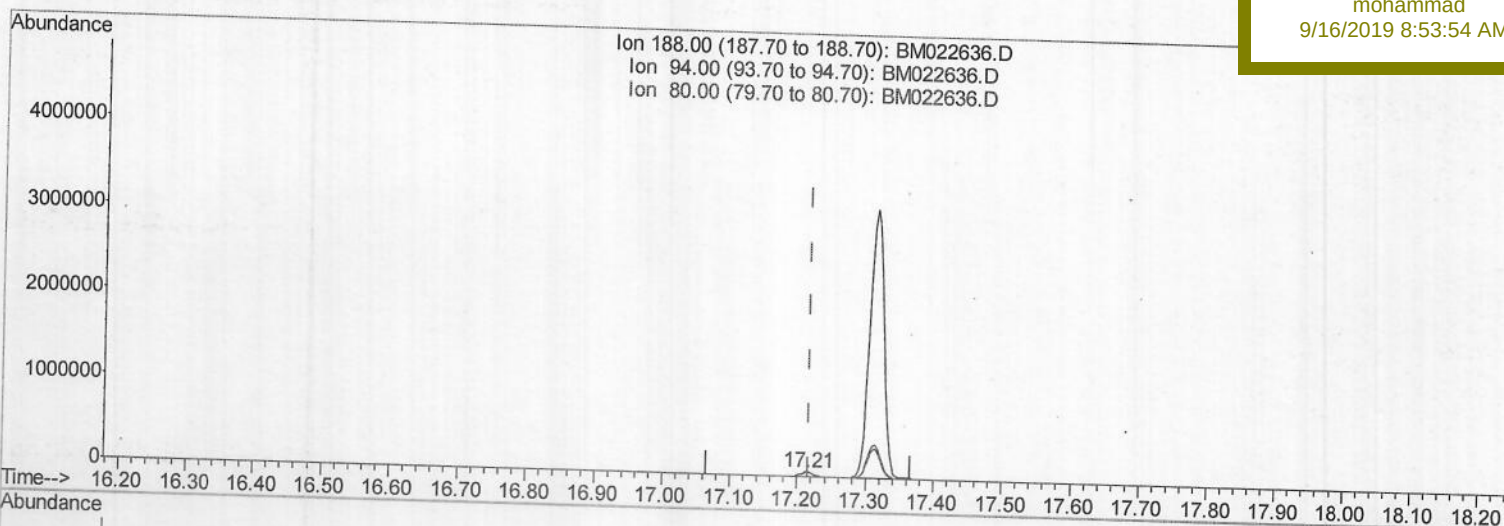
HOBL8

Manual Integrations

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(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m> JU 09/24/19

response 72929

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 9.80  | 10.33 |
| 80.00  | 11.00 | 11.15 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

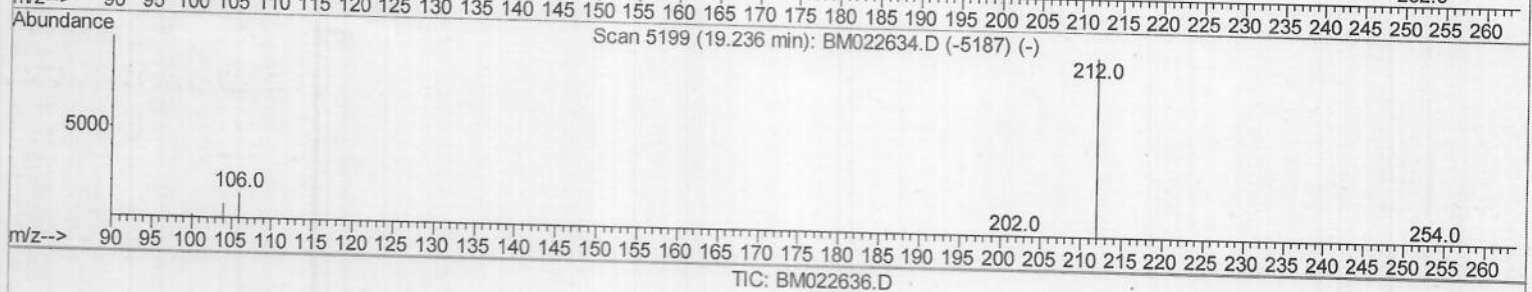
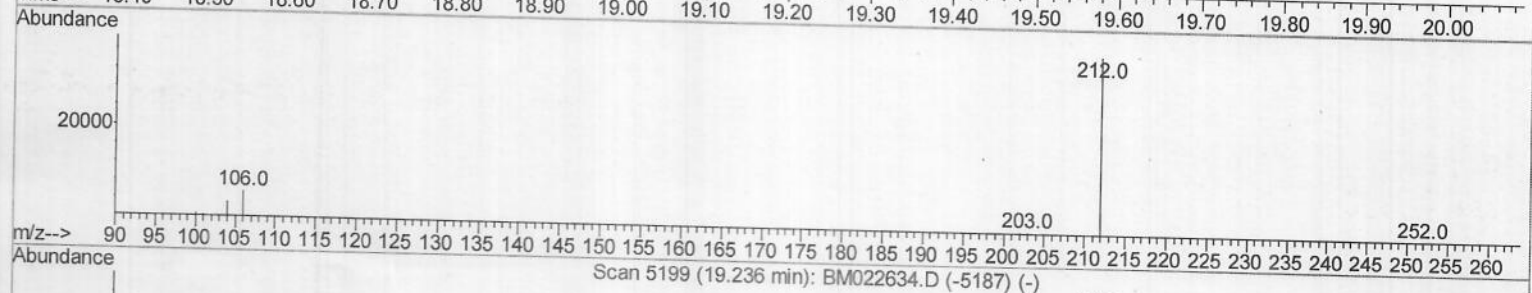
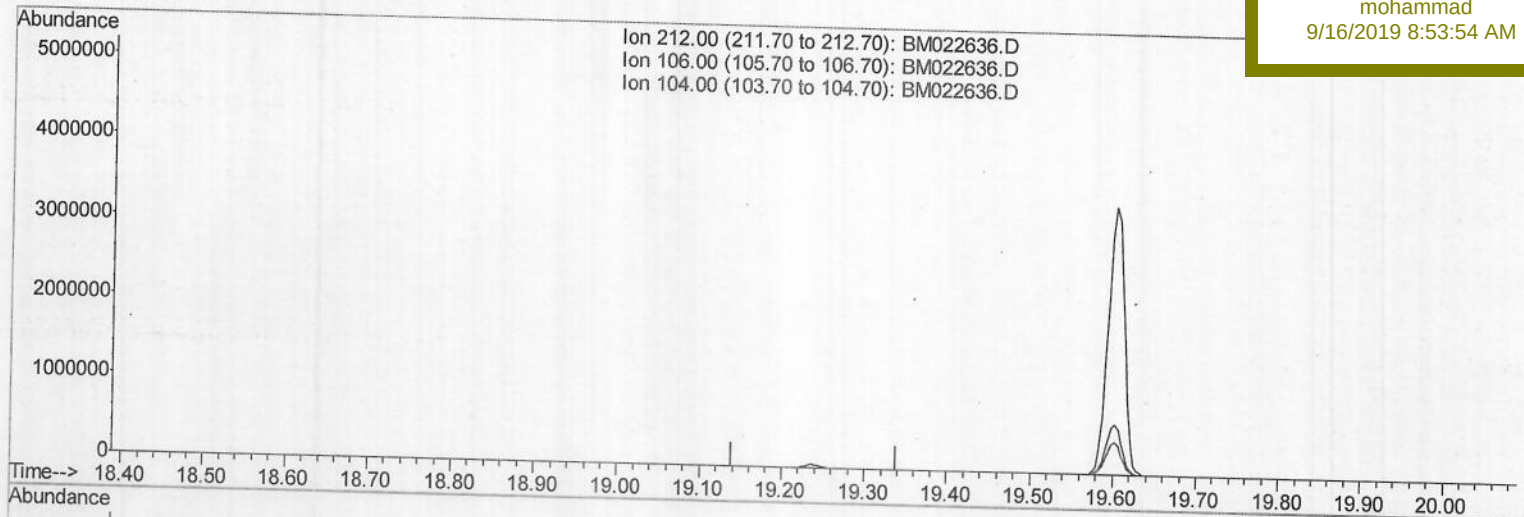
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
 Data File : BM022636.D  
 Acq On : 11 Sep 2019 01:40  
 Operator : HP/JU  
 Sample : K4682-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 H0BL8

**Manual Integrations**  
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Quant Time: Sep 11 05:55:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 10 15:06:45 2019  
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.240min (-19.240) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 14.00 | 0.00# |
| 104.00 | 8.00  | 0.00# |
| 0.00   | 0.00  | 0.00  |



## Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
Data File : BM022636.D

Acq On : 11 Sep 2019 01:40

Operator : HP/JU

Sample : K4682-02

Misc :

ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 11 05:55:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

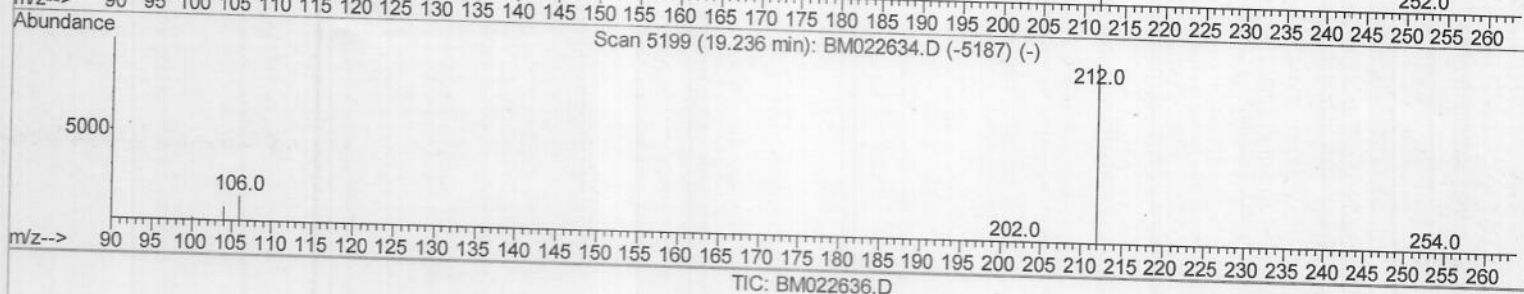
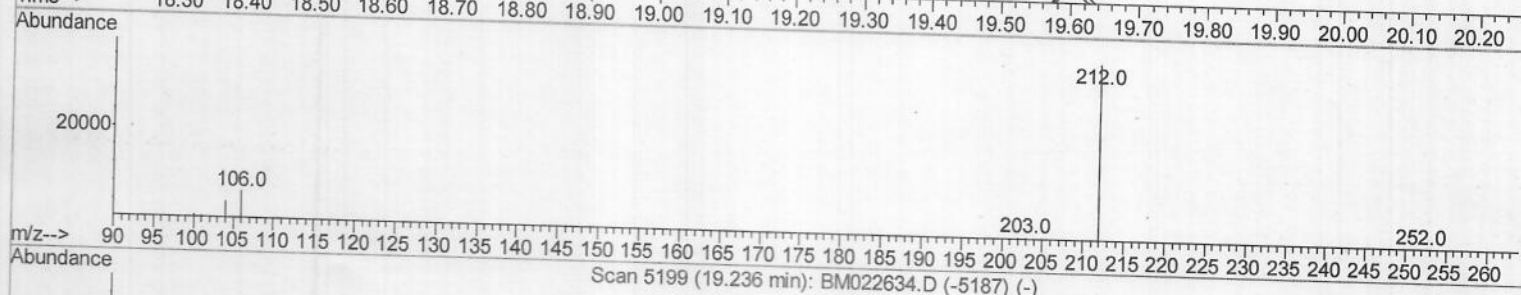
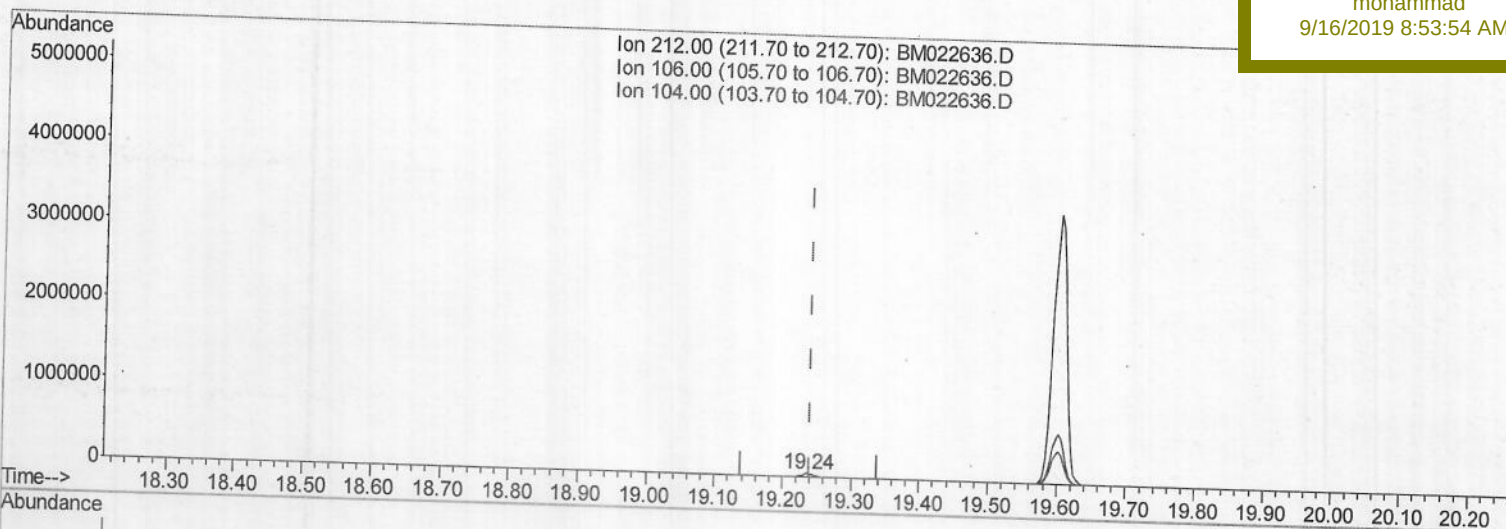
Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

H0BL8

Manual Integrations  
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(14) Fluoranthene-d10 (SURR)

19.236min (-0.004) 0.26ng/ul m 2 JU 09/14/19

response 51522

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 14.00 | 0.00# |
| 104.00 | 8.00  | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
 Data File : BM022636.D  
 Acq On : 11 Sep 2019 01:40  
 Operator : HP/JU  
 Sample : K4682-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA\_M

ClientSampleId :

H0BL8

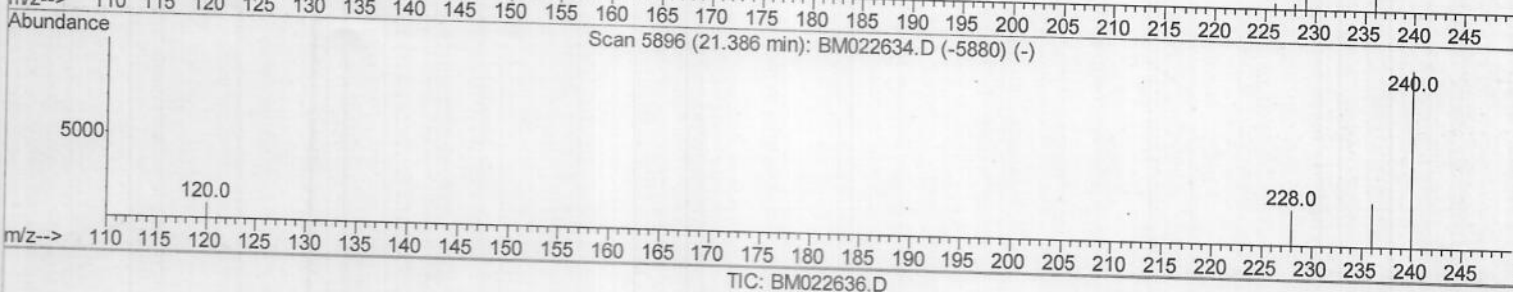
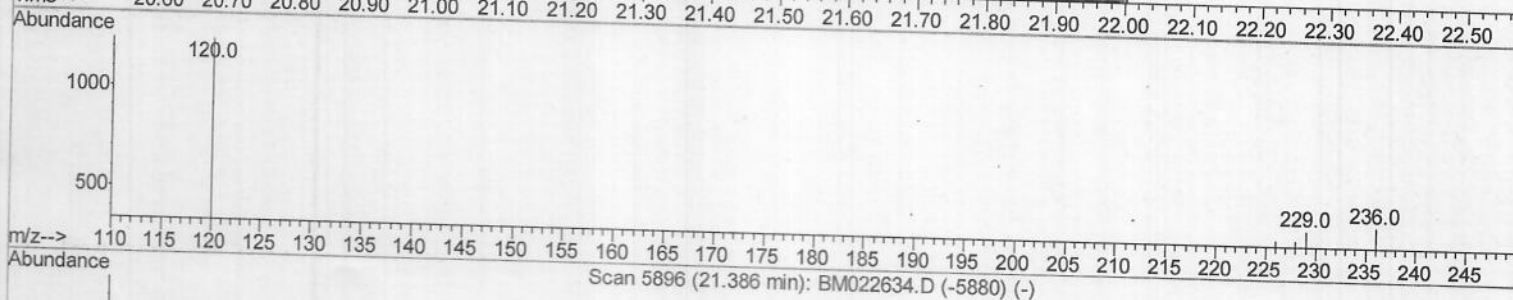
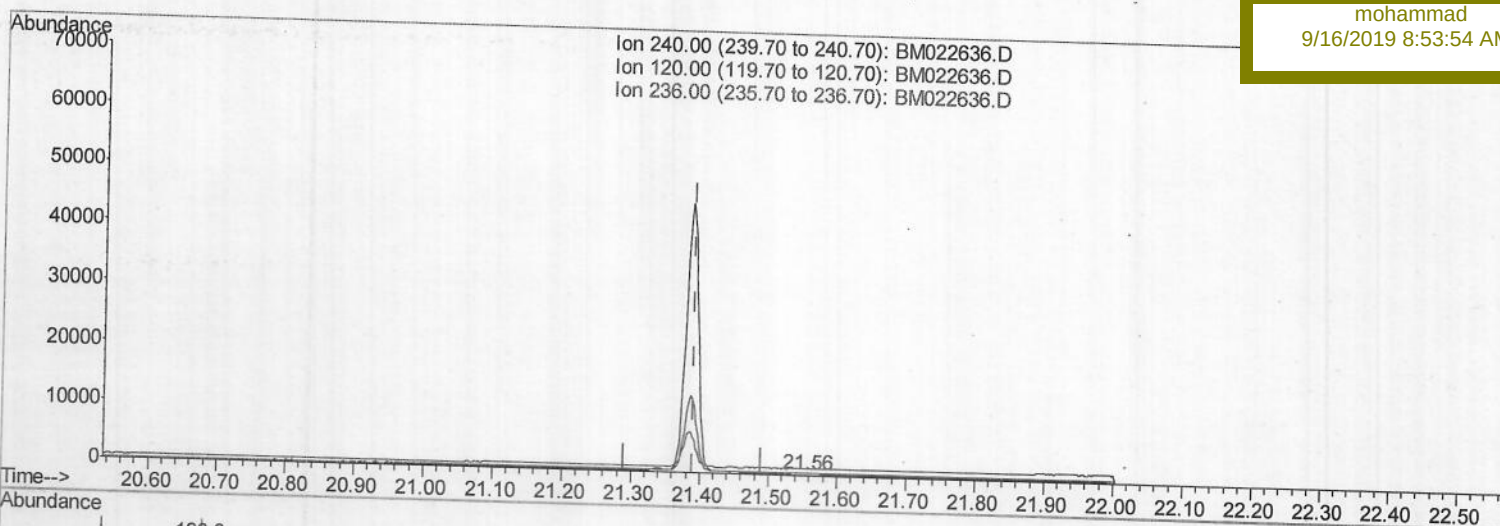
Manual Integrations

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Quant Time: Sep 11 05:56:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 10 15:06:45 2019  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.556min (+0.165) 0.40ng/ul

response 74

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 14.60 | 366.37# |
| 236.00 | 28.80 | 131.56# |
| 0.00   | 0.00  | 0.00    |



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
 Data File : BM022636.D  
 Acq On : 11 Sep 2019 01:40  
 Operator : HP/JU  
 Sample : K4682-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA\_M

ClientSampleId :

HOBL8

Manual Integrations

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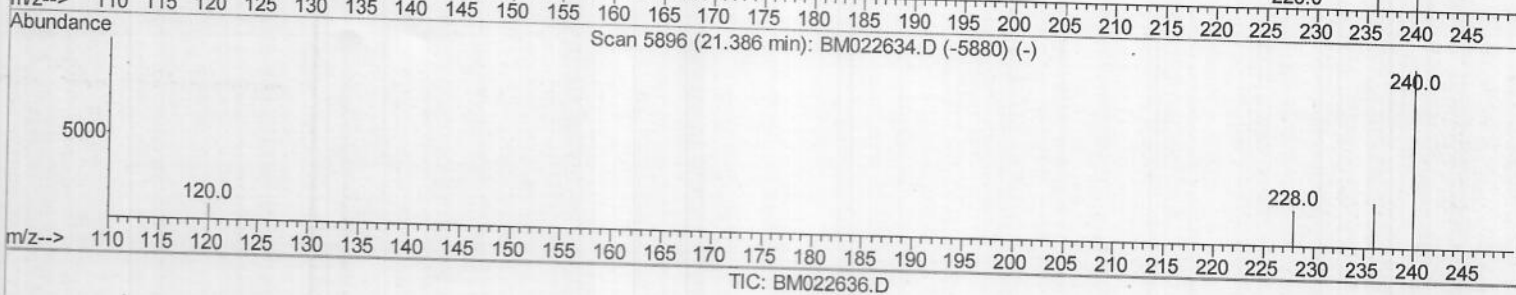
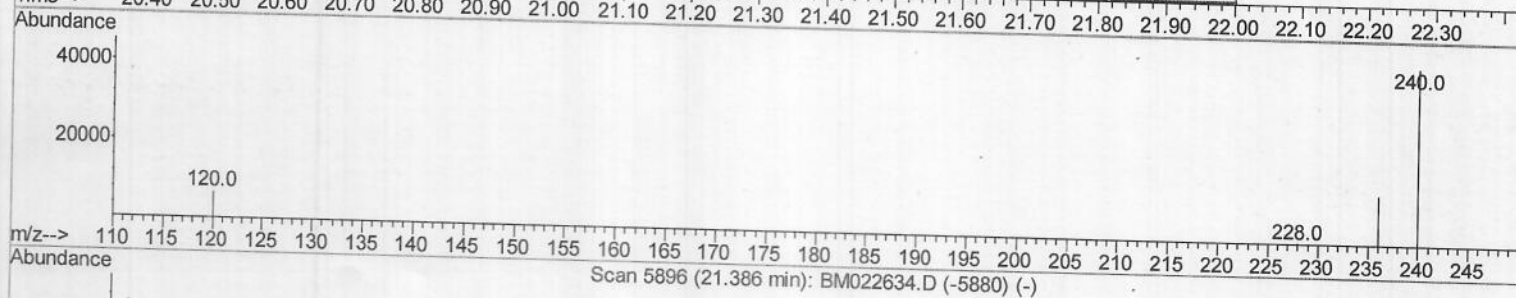
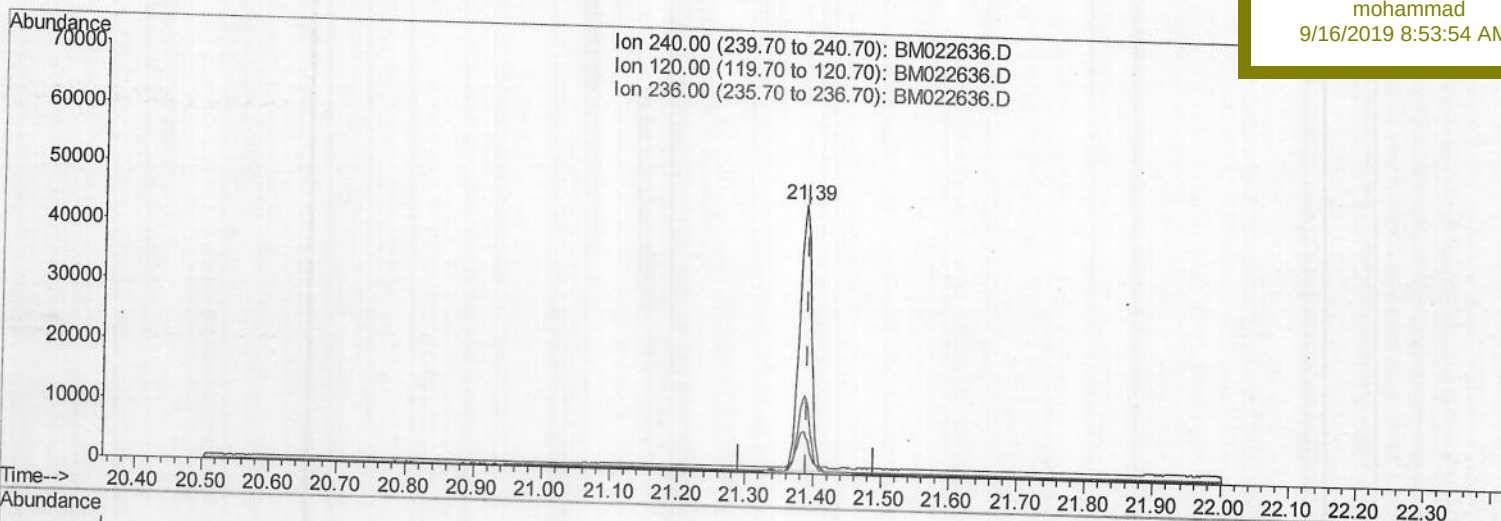
Quant Time: Sep 11 05:56:20 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.386min (-0.005) 0.40ng/ul m *YJU 09/14/19*

response 55051

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 14.60 | 15.45 |
| 236.00 | 28.80 | 29.12 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
Data File : BM022636.D

Acq On : 11 Sep 2019 01:40

Operator : HP/JU

Sample : K4682-02

Misc :

ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 11 05:57:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

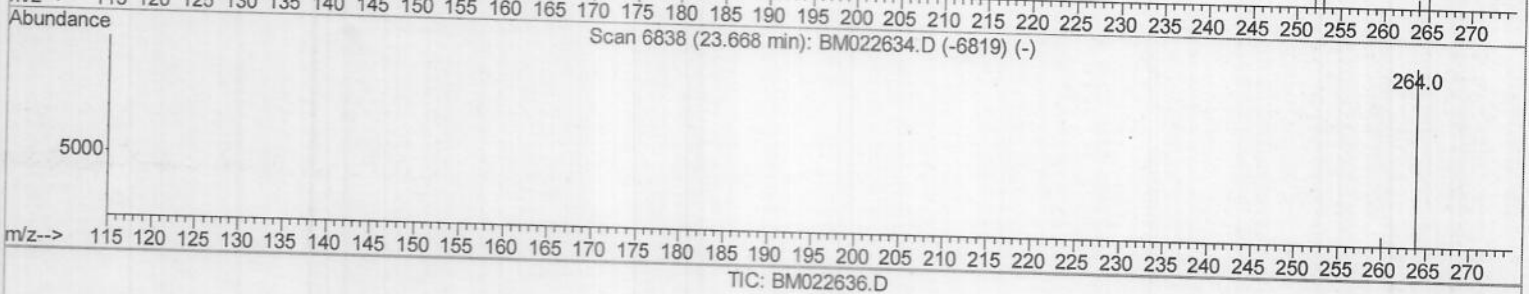
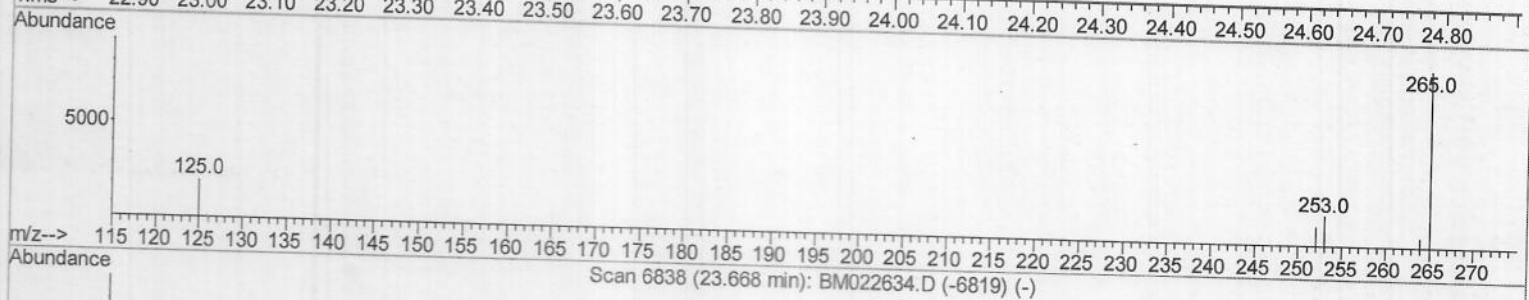
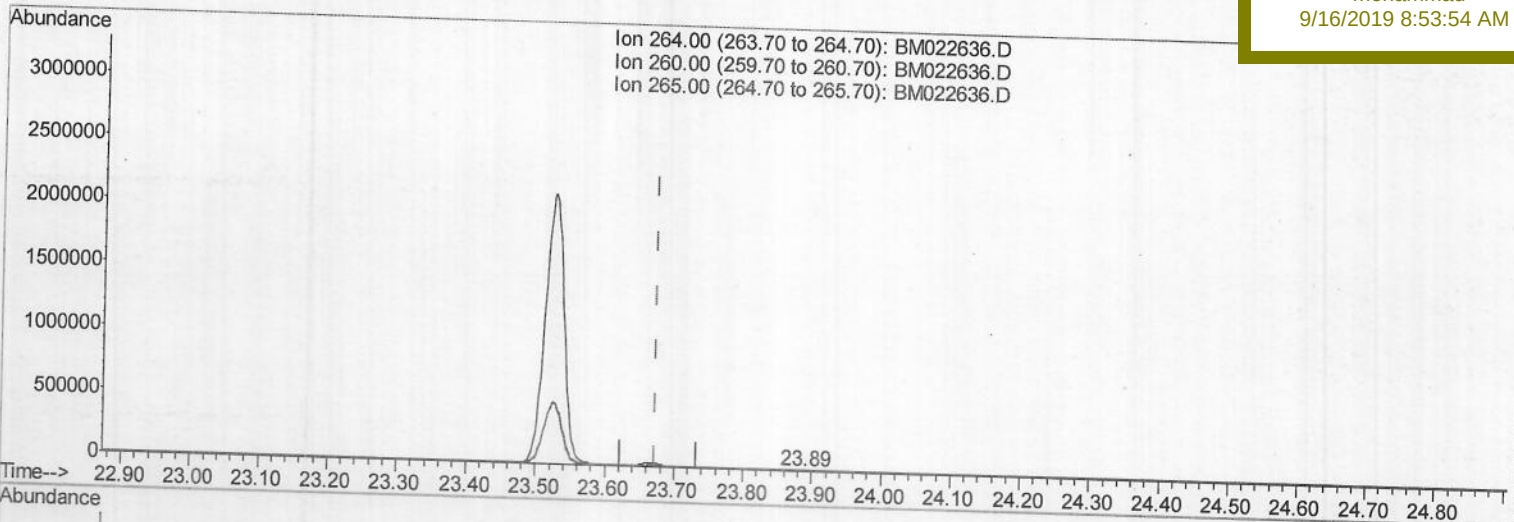
H0BL8

Manual Integrations

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(20) Perylene-d12 (I)

23.888min (+0.216) 0.40ng/ul

response 63

| Ion    | Exp%  | Act%     |
|--------|-------|----------|
| 264.00 | 100   | 100      |
| 260.00 | 25.60 | 37.72#   |
| 265.00 | 59.90 | 1243.35# |
| 0.00   | 0.00  | 0.00     |



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
Data File : BM022636.D

Acq On : 11 Sep 2019 01:40

Operator : HP/JU

Sample : K4682-02

Misc :

ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 11 05:57:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

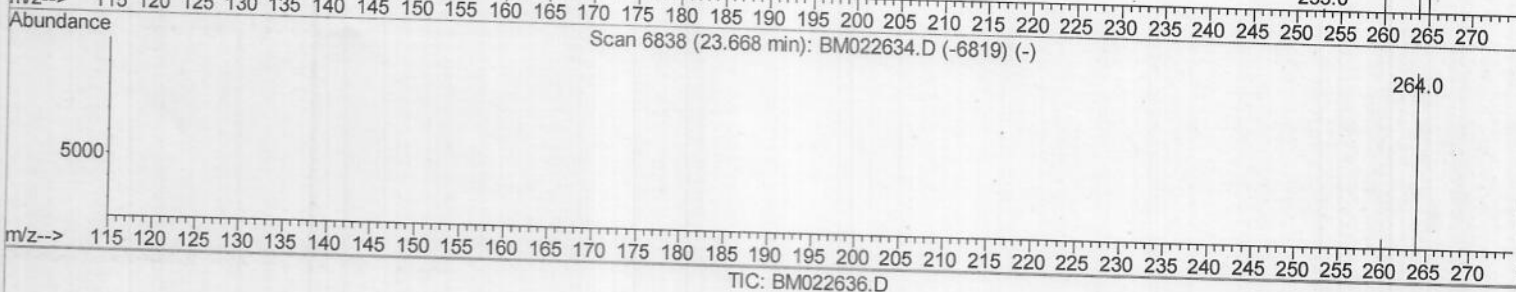
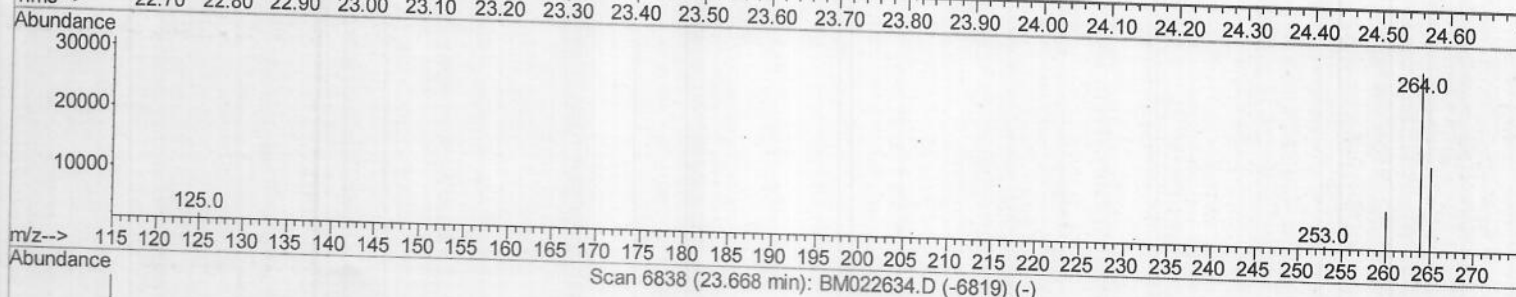
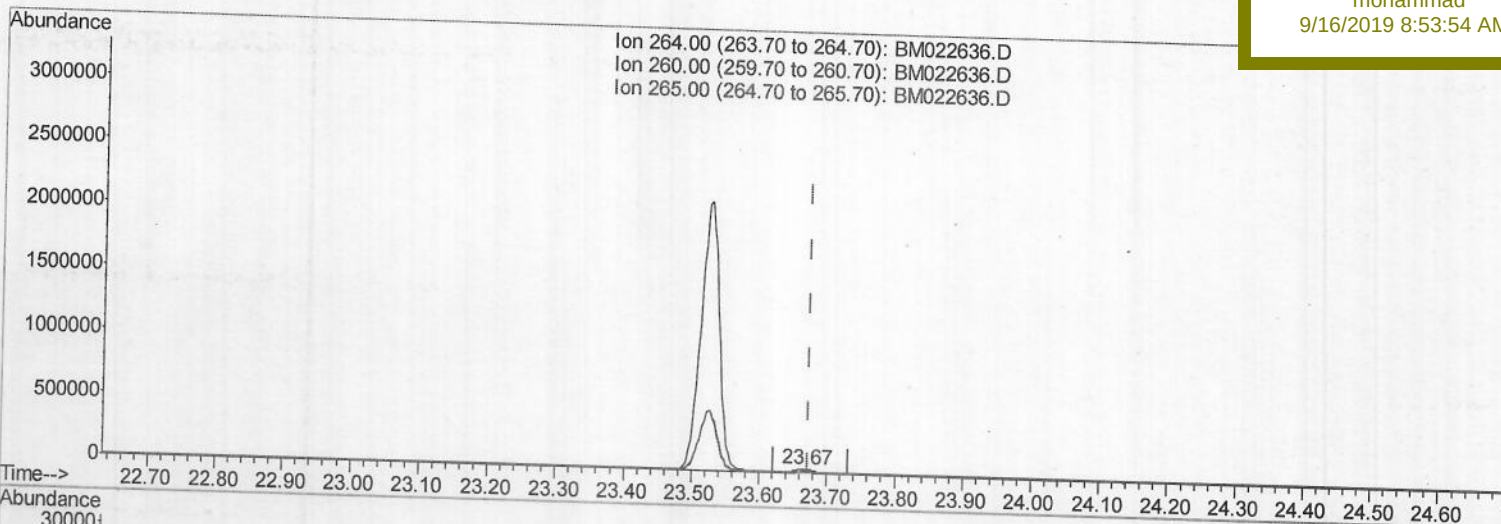
H0BL8

Manual Integrations

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9/16/2019 8:53:54 AM



(20) Perylene-d12 (I)

23.668min (-0.005) 0.40ng/ul m> JU 09/14/19

response 49362

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 25.60 | 25.32 |
| 265.00 | 59.90 | 49.54 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
 Data File : BM022636.D  
 Acq On : 11 Sep 2019 01:40  
 Operator : HP/JU  
 Sample : K4682-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H0BL8

Manual Integrations  
 APPROVED

mohammad  
 9/16/2019 8:53:54 AM

Quant Time: Sep 11 05:58:45 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|---------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.85  | 152  | 16361    | 0.40 | ng/ul | 0.00      |
| 2) Naphthalene-d8         | 10.64 | 136  | 66660    | 0.40 | ng/ul | 0.00      |
| 6) Acenaphthene-d10       | 14.48 | 164  | 38155    | 0.40 | ng/ul | 0.00      |
| 10) Phenanthrene-d10      | 17.21 | 188  | 72929m   | 0.40 | ng/ul | 0.00      |
| 16) Chrysene-d12          | 21.39 | 240  | 55051m   | 0.40 | ng/ul | 0.00      |
| 20) Perylene-d12          | 23.67 | 264  | 49362m   | 0.40 | ng/ul | 0.00      |

## System Monitoring Compounds

|                            |       |     |        |      |       |      |
|----------------------------|-------|-----|--------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 12.23 | 152 | 24253  | 0.22 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 19.24 | 212 | 51522m | 0.26 | ng/ul | 0.00 |

## Target Compounds

Ovalue

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