

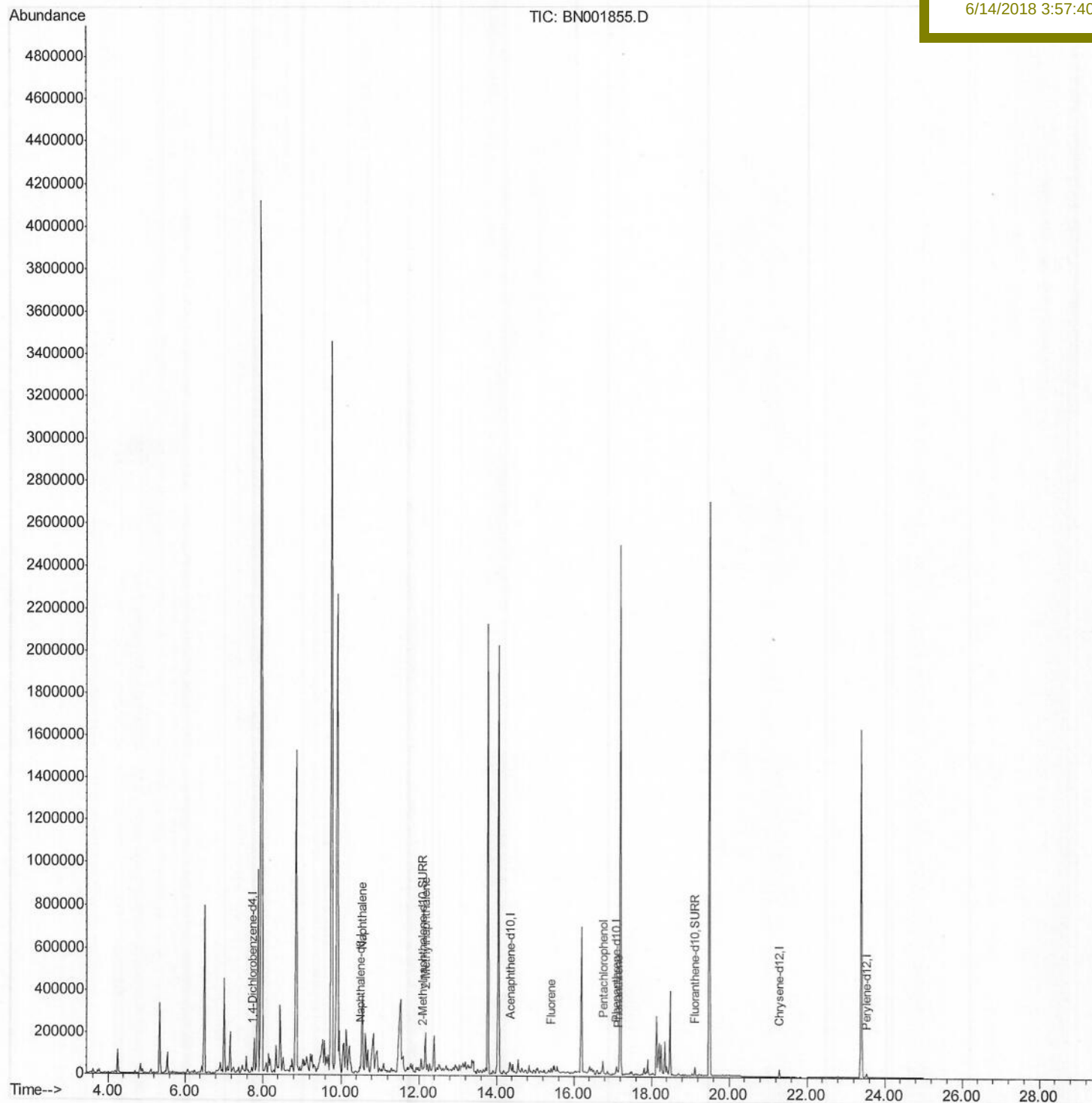
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\  
Data File : BN001855.D  
Acq On : 13 Jun 2018 22:15  
Operator : JU/SJ  
Sample : J3375-14  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 06:21:59 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 13 12:02:12 2018  
Response via : Initial Calibration

Instrument :  
BNA\_N  
ClientSampleId :  
DAWT1

Manual Integrations  
APPROVED

Sohil  
6/14/2018 3:57:40 PM



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001855.D

Acq On : 13 Jun 2018 22:15

Operator : JU/SJ

Sample : J3375-14

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 05:26:00 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

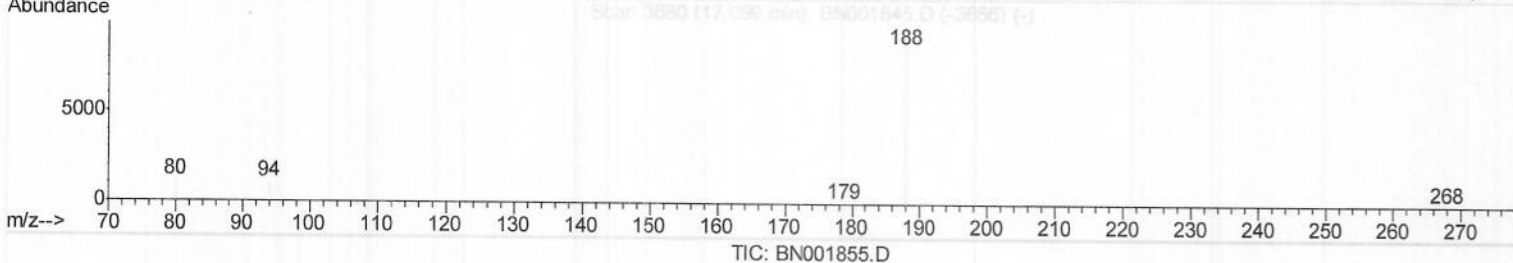
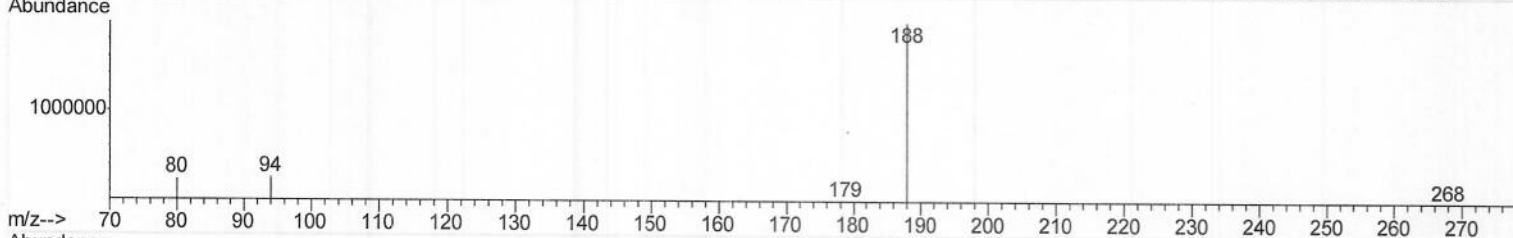
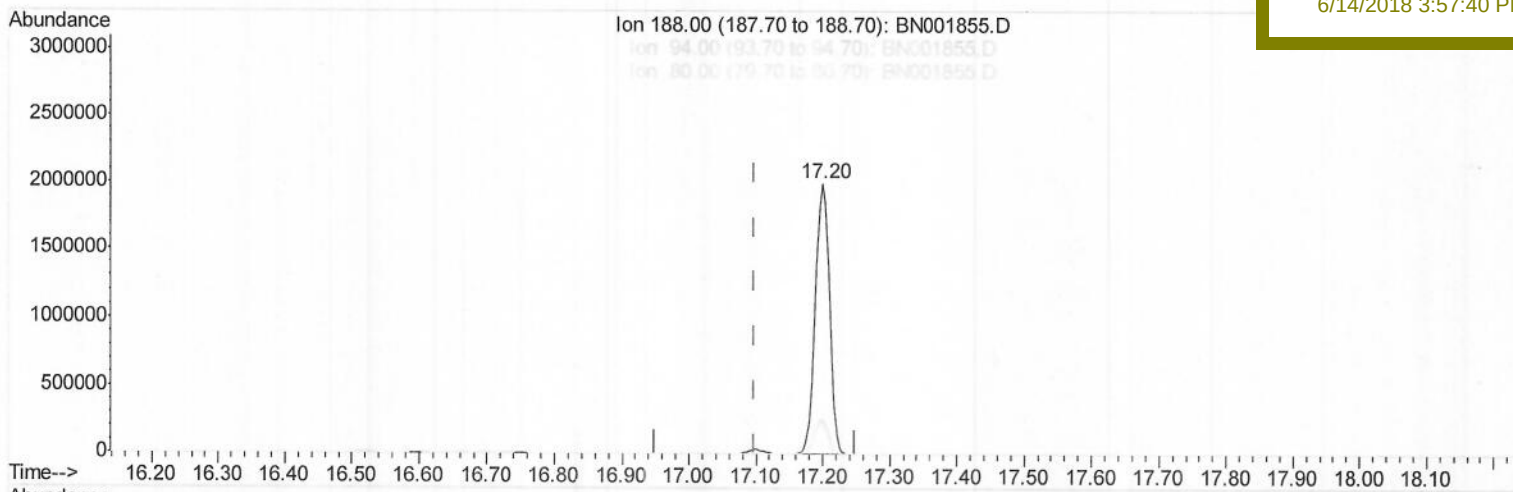
DAWT1

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:40 PM



(10) Phenanthrene-d10 (I)

17.200min (+0.101) 0.40ng/ul

response 2918514

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 12.96 |
| 80.00  | 11.80 | 11.87 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

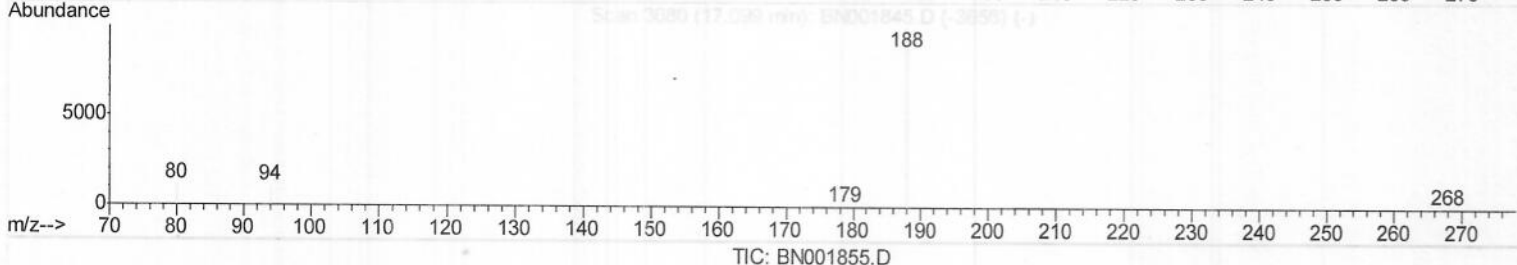
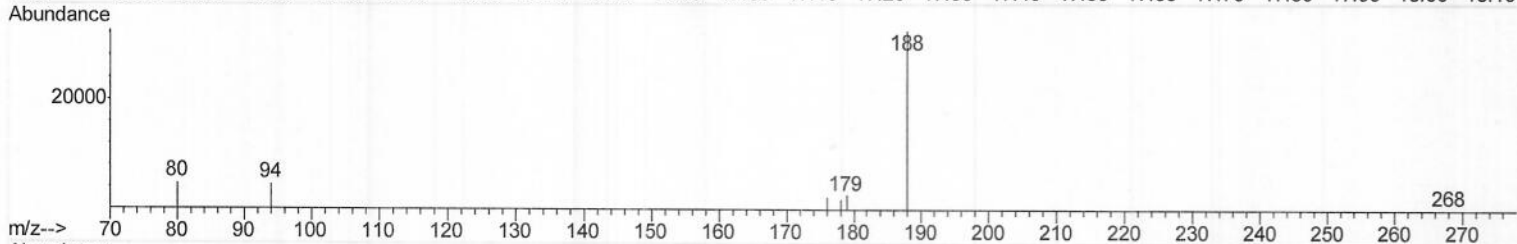
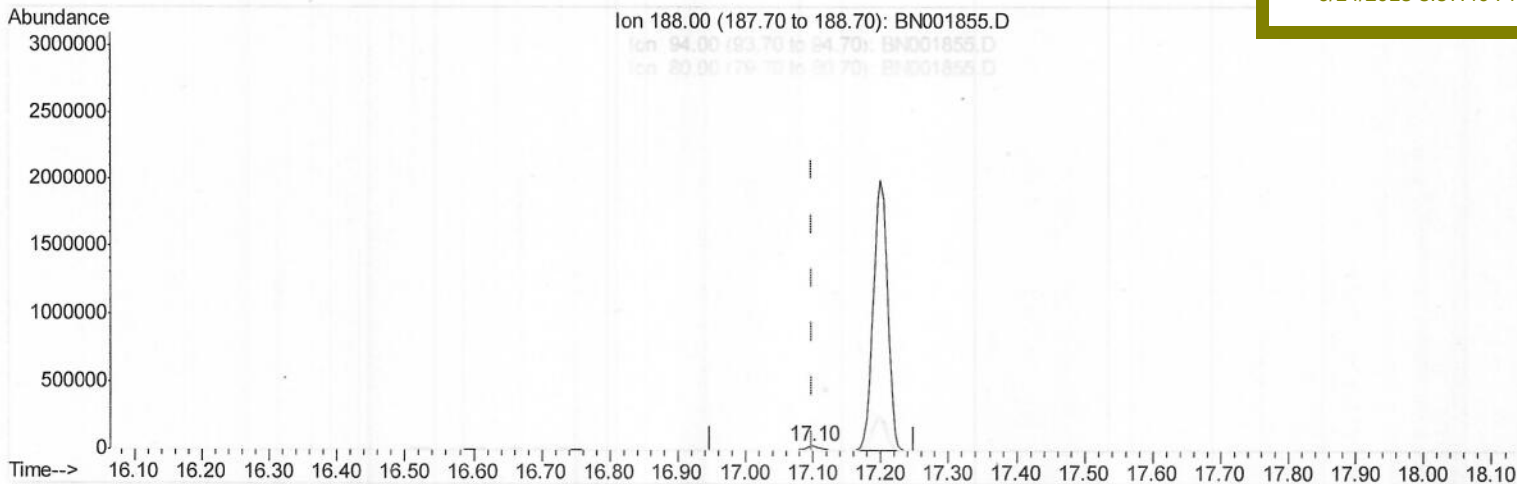
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\  
 Data File : BN001855.D  
 Acq On : 13 Jun 2018 22:15  
 Operator : JU/SJ  
 Sample : J3375-14  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 05:26:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 13 12:02:12 2018  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAWT1

Manual Integrations  
 APPROVED

Sohil  
 6/14/2018 3:57:40 PM



(10) Phenanthrene-d10 (I)

17.099min (+0.000) 0.40ng/ul m > JU06/18/18

response 46651

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 14.09# |
| 80.00  | 11.80 | 14.87# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\  
Data File : BN001855.D  
Acq On : 13 Jun 2018 22:15  
Operator : JU/SJ  
Sample : J3375-14  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 05:26:00 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 13 12:02:12 2018  
Response via : Initial Calibration

Instrument :

BNA\_N

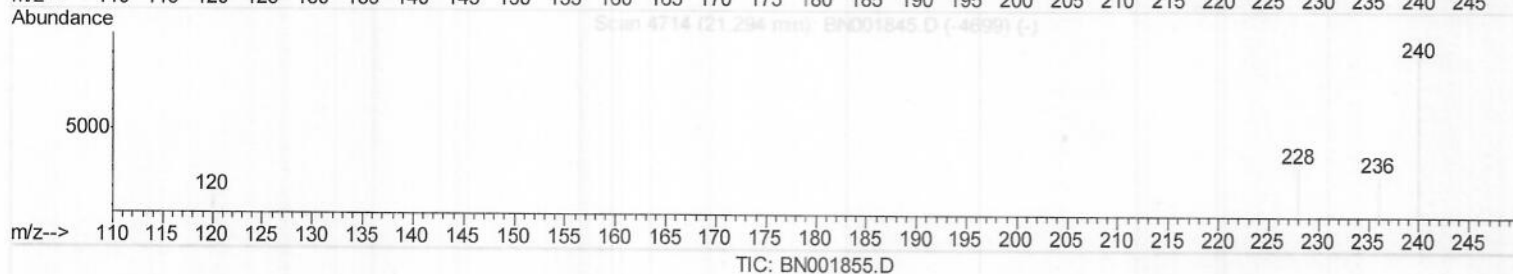
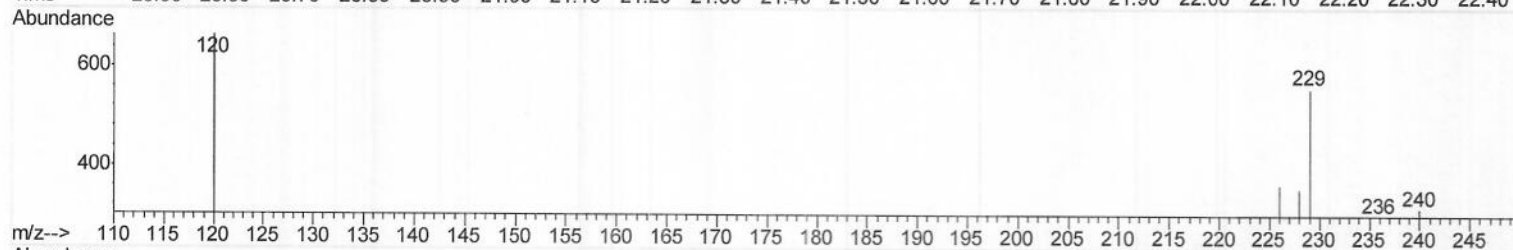
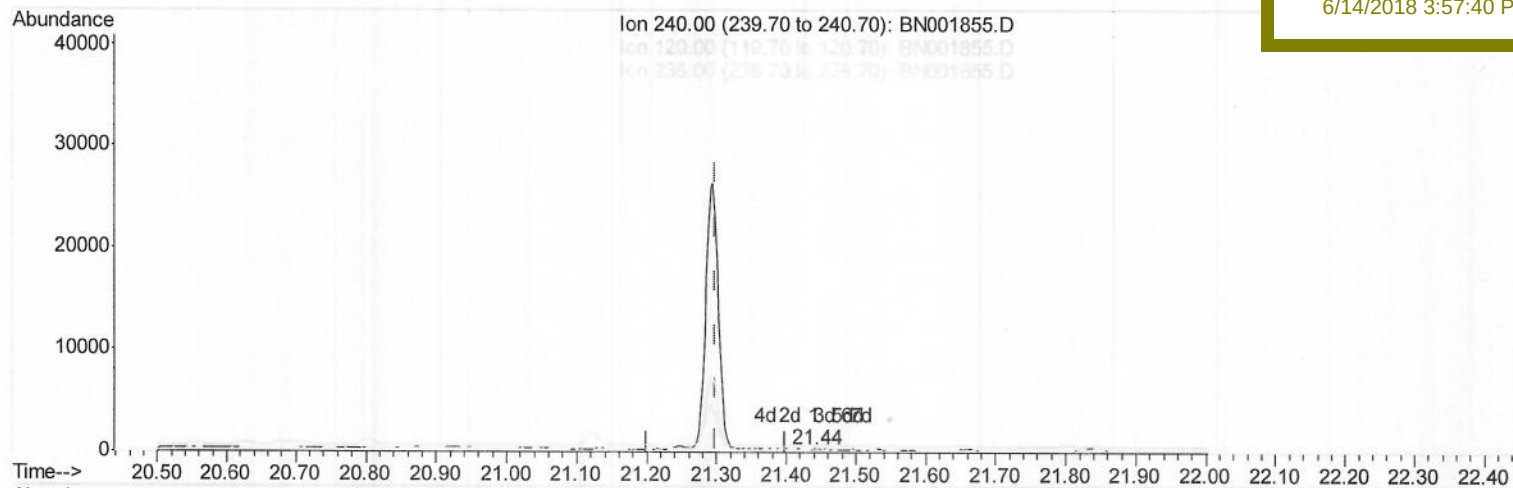
ClientSampleId :

DAWT1

Manual Integrations  
APPROVED

Sohil

6/14/2018 3:57:40 PM



(16) Chrysene-d12 (I)

21.441min (+0.141) 0.40ng/ul

response 9

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 20.60 | 209.84# |
| 236.00 | 34.90 | 95.56#  |
| 0.00   | 0.00  | 0.00    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001855.D

Acq On : 13 Jun 2018 22:15

Operator : JU/SJ

Sample : J3375-14

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 05:26:00 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA\_N

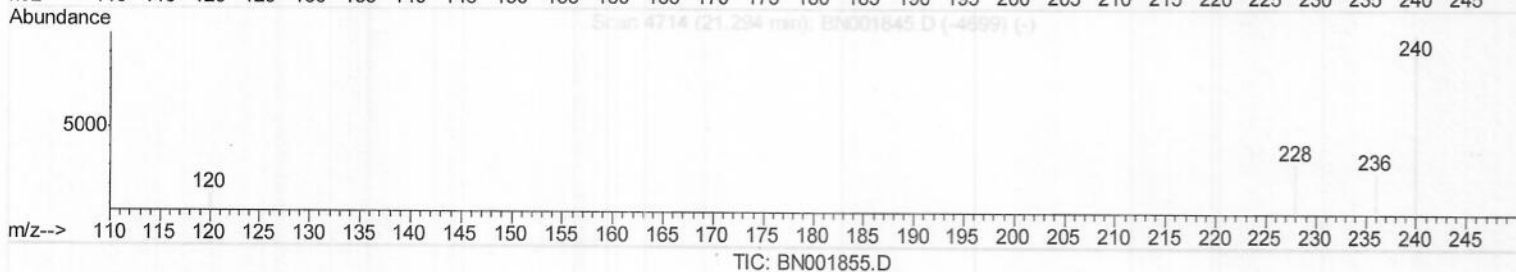
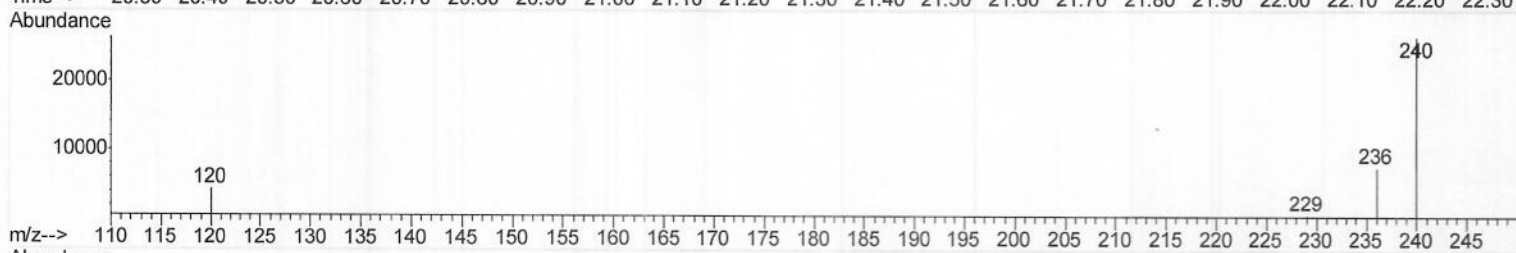
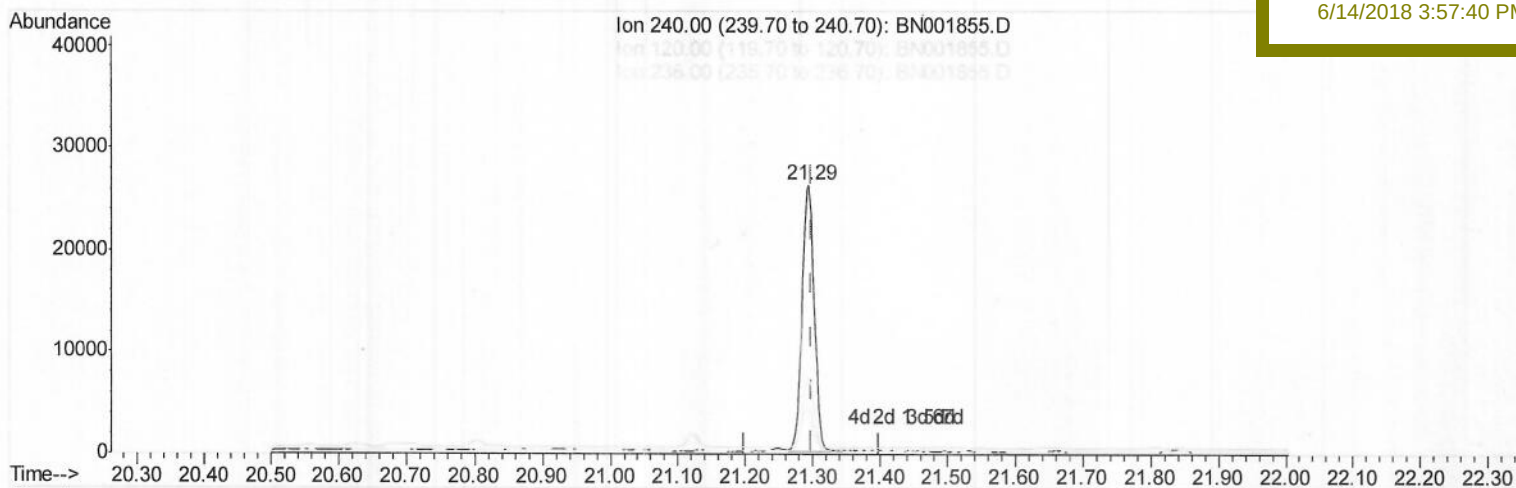
ClientSampleId :

DAWT1

Manual Integrations  
APPROVED

Sohil

6/14/2018 3:57:40 PM



(16) Chrysene-d12 (I)

21.294min (-0.005) 0.40ng/ul m &gt; JU 06/18/18

response 32465

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 16.22# |
| 236.00 | 34.90 | 28.61  |
| 0.00   | 0.00  | 0.00   |

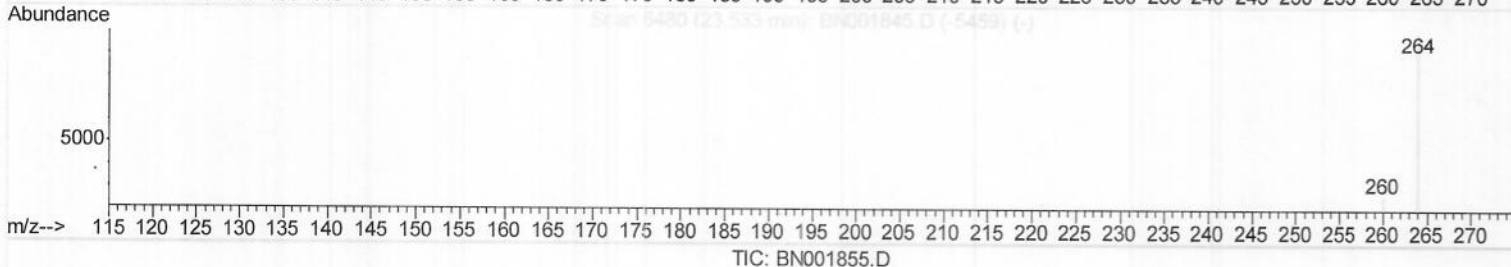
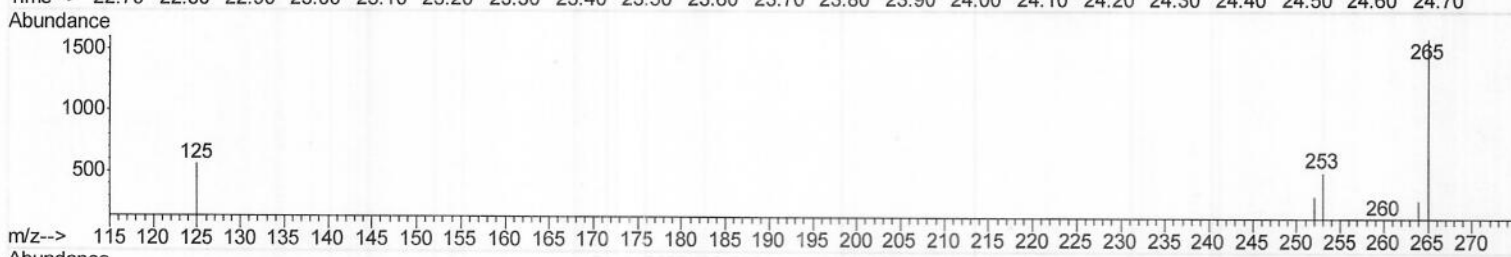
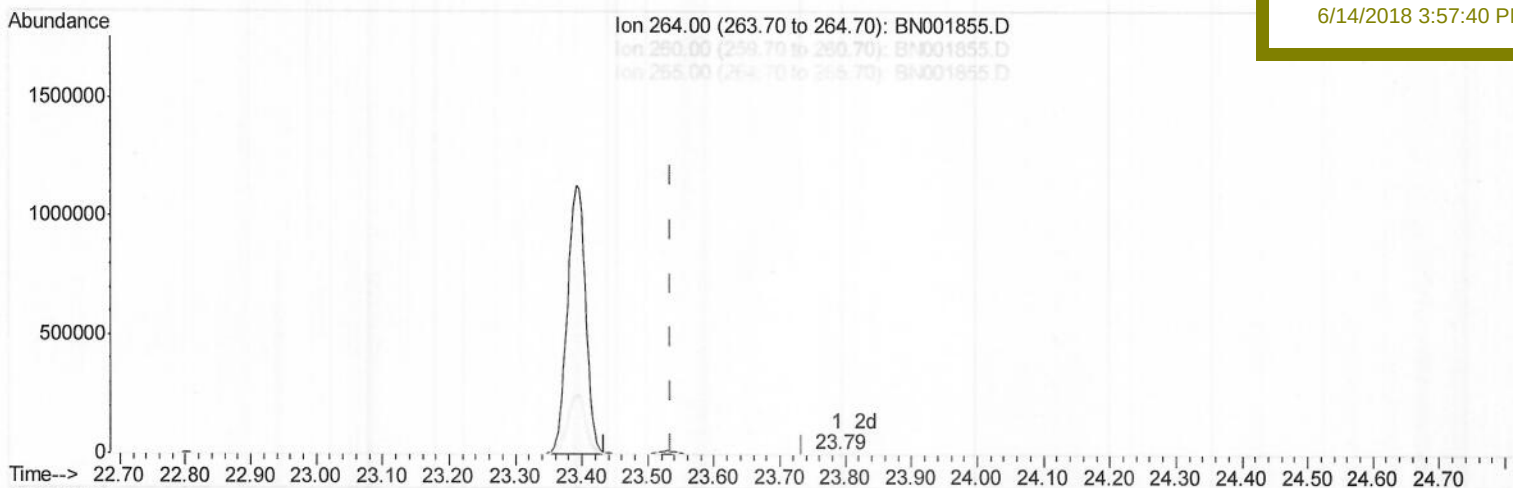
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\  
Data File : BN001855.D  
Acq On : 13 Jun 2018 22:15  
Operator : JU/SJ  
Sample : J3375-14  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 05:26:00 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 13 12:02:12 2018  
Response via : Initial Calibration

Instrument :  
BNA\_N  
ClientSampleId :  
DAWT1

Manual Integrations  
APPROVED

Sohil  
6/14/2018 3:57:40 PM



(20) Perylene-d12 (I)

23.788min (+0.253) 0.40ng/ul

response 39

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 264.00 | 100    | 100     |
| 260.00 | 30.10  | 47.69#  |
| 265.00 | 103.50 | 571.17# |
| 0.00   | 0.00   | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001855.D

Acq On : 13 Jun 2018 22:15

Operator : JU/SJ

Sample : J3375-14

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 05:26:00 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA\_N

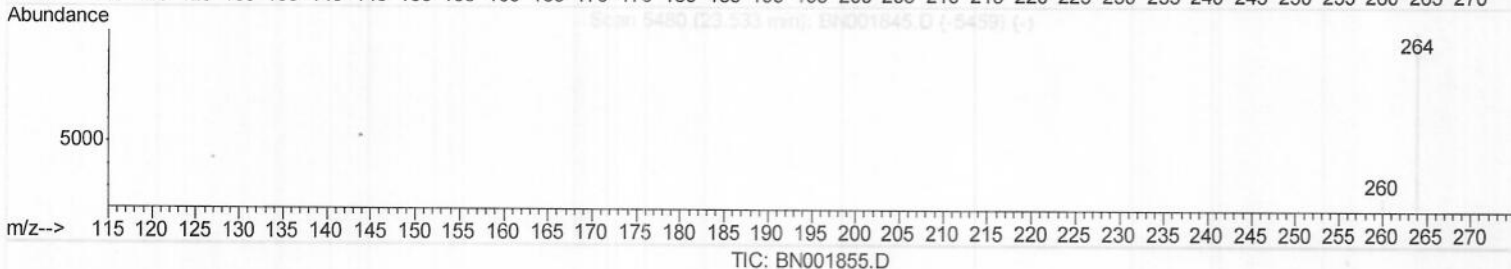
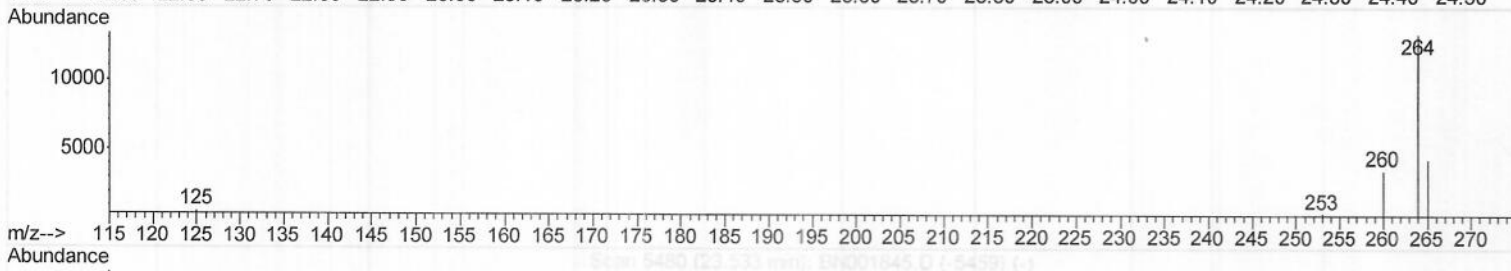
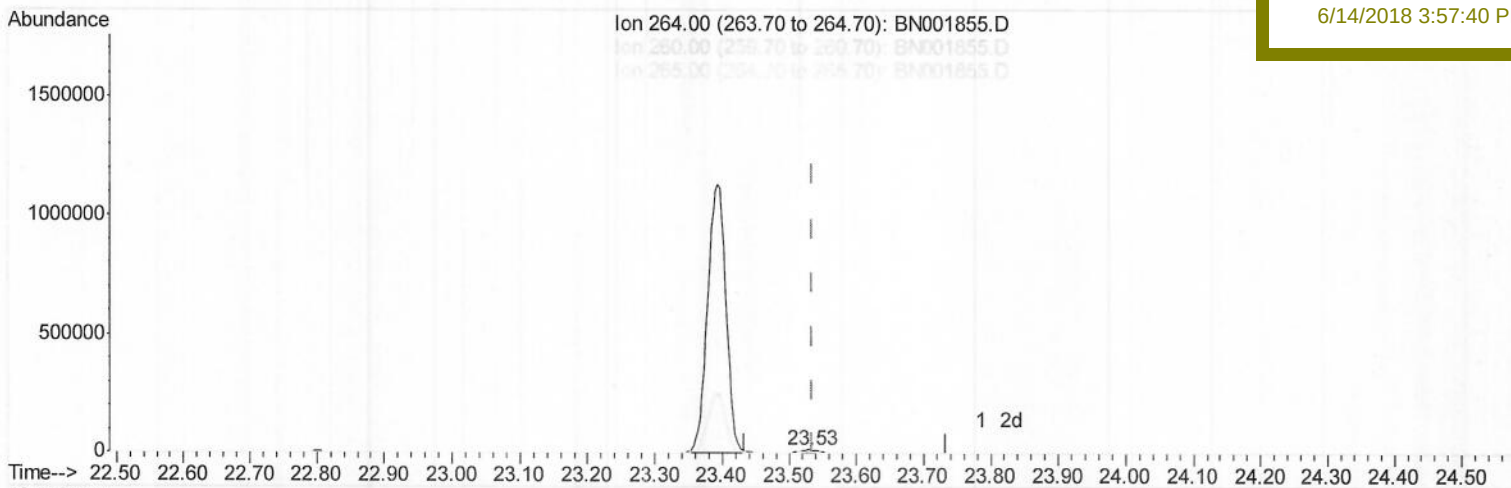
ClientSampleId :

DAWT1

Manual Integrations  
APPROVED

Sohil

6/14/2018 3:57:40 PM



(20) Perylene-d12 (I)

23.530min (-0.005) 0.40ng/ul m

JUN 06/18/18

response 23320

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 26.83  |
| 265.00 | 103.50 | 32.45# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001855.D

Acq On : 13 Jun 2018 22:15

Operator : JU/SJ

Sample : J3375-14

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 06:20:24 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA\_N

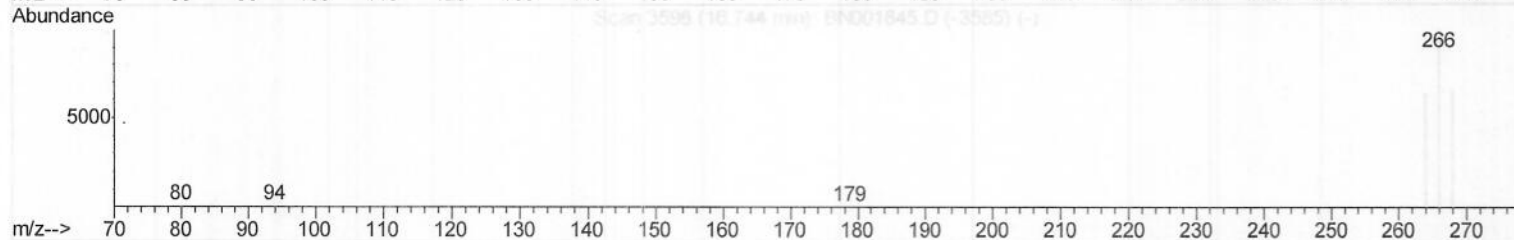
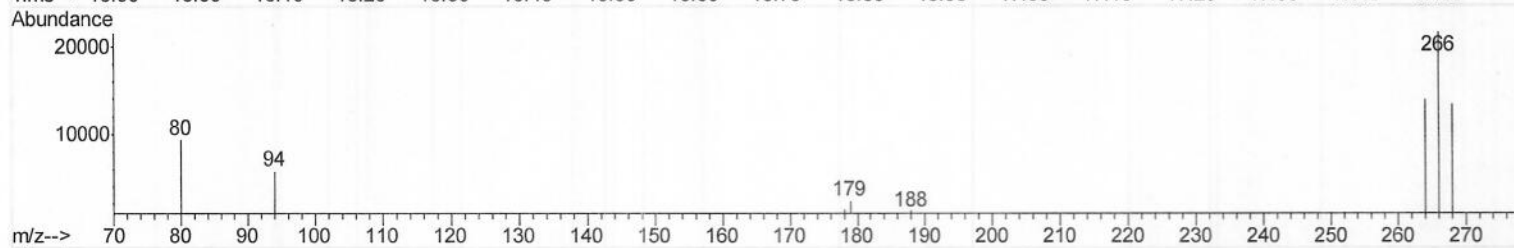
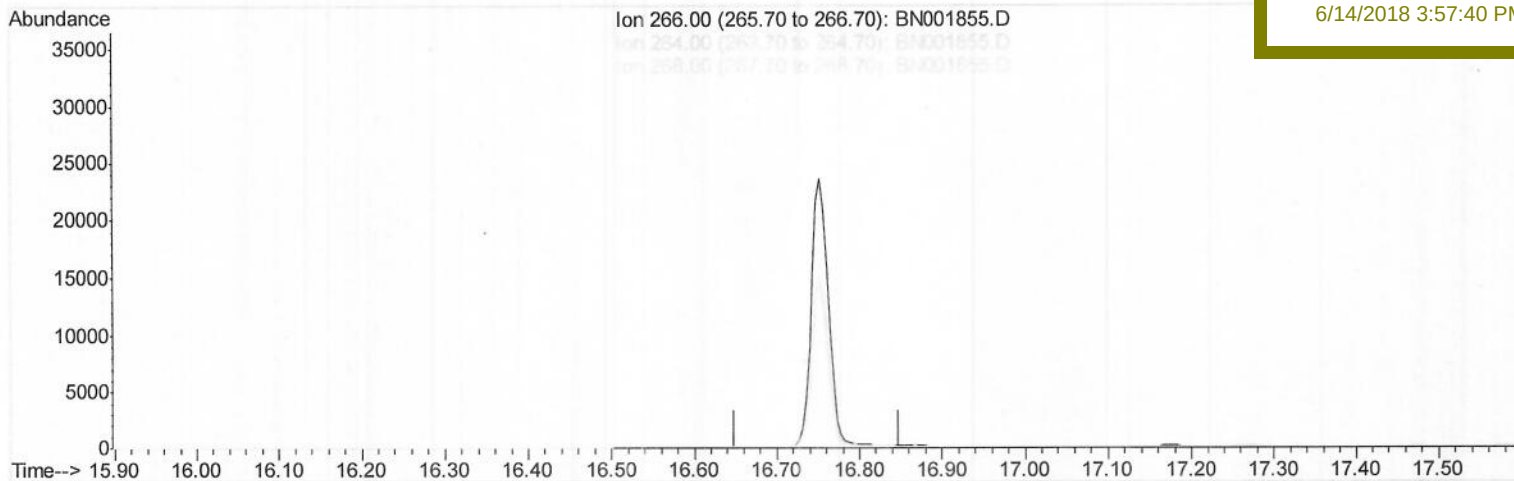
ClientSampleId :

DAWT1

Manual Integrations  
APPROVED

Sohil

6/14/2018 3:57:40 PM



(11) Pentachlorophenol

16.748min (-16.748) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 266.00 | 100   | 0.00  |
| 264.00 | 59.90 | 0.00# |
| 268.00 | 62.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001855.D

Acq On : 13 Jun 2018 22:15

Operator : JU/SJ

Sample : J3375-14

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 06:20:24 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA\_N

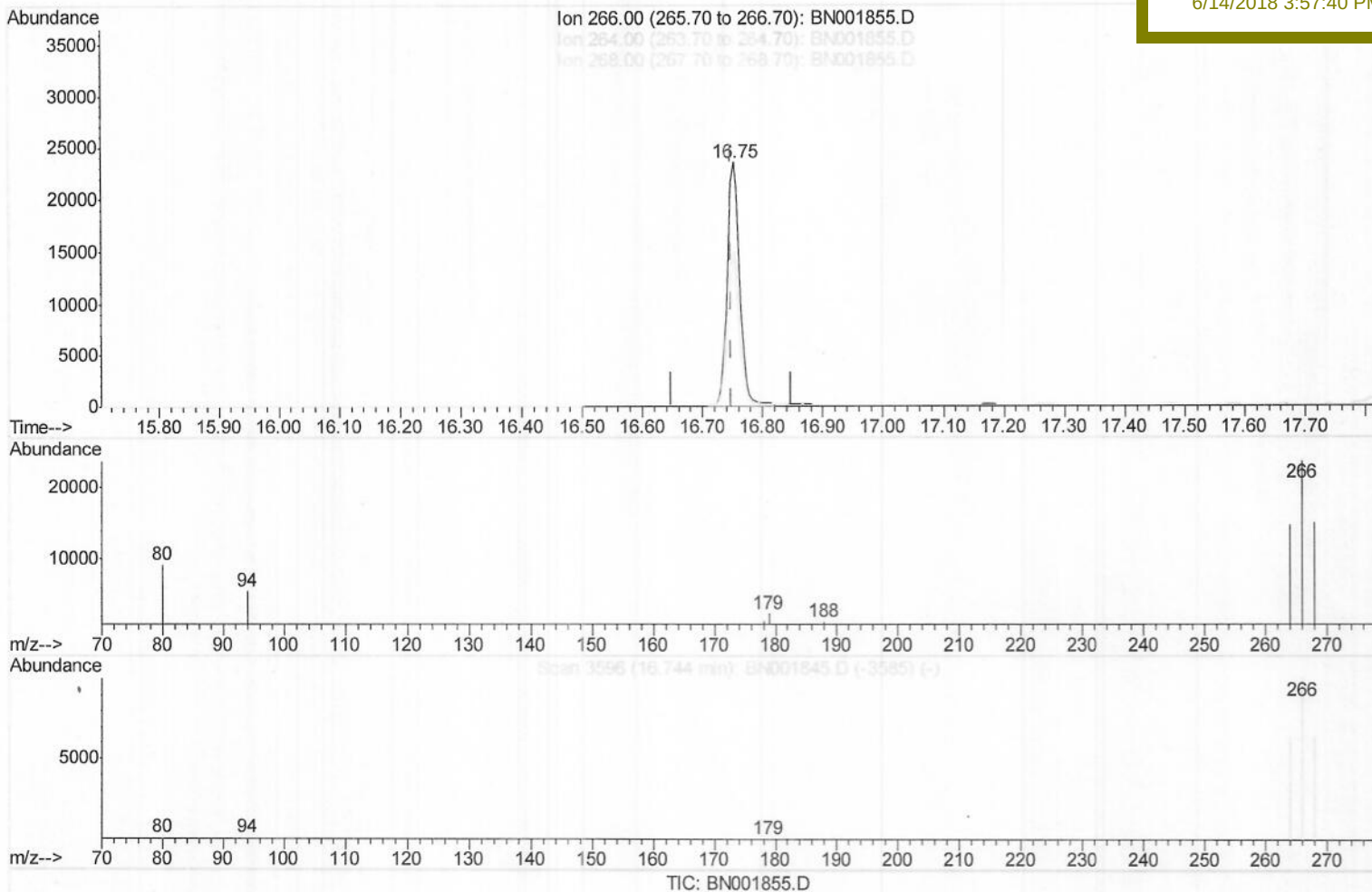
ClientSampleId :

DAWT1

Manual Integrations  
APPROVED

Sohil

6/14/2018 3:57:40 PM



(11) Pentachlorophenol

16.753min (+0.004) 3.89ng/ul m J3375-14/18/18

response 34335

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 266.00 | 100   | 100   |
| 264.00 | 59.90 | 0.00# |
| 268.00 | 62.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001855.D

Acq On : 13 Jun 2018 22:15

Operator : JU/SJ

Sample : J3375-14

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 06:20:24 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA\_N

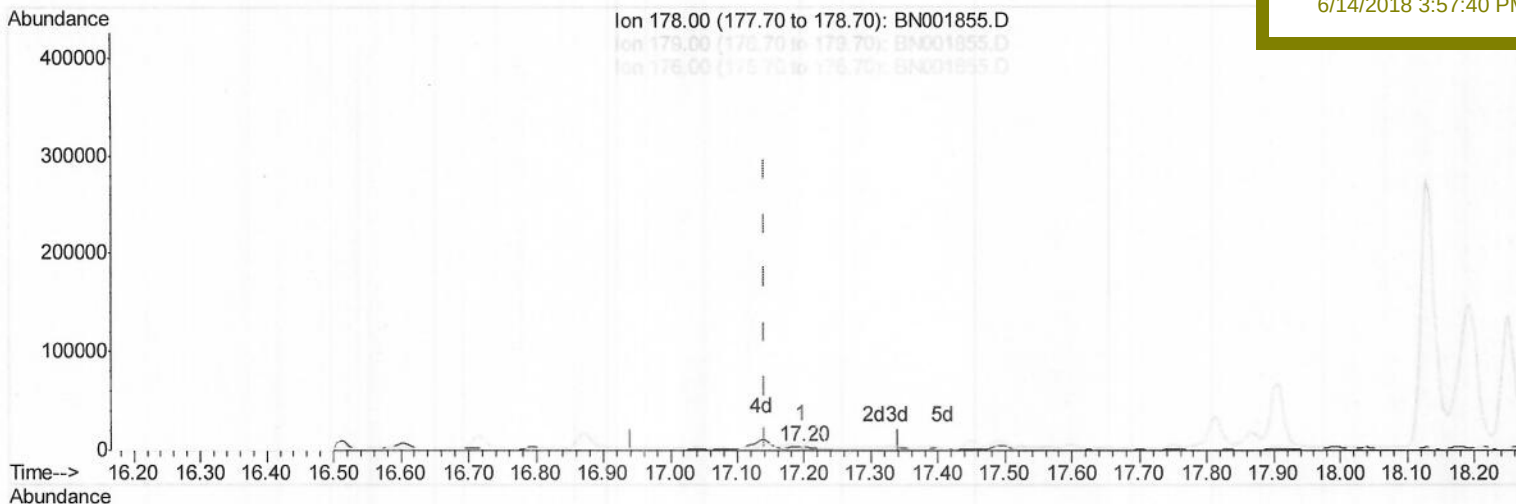
ClientSampleId :

DAWT1

Manual Integrations  
APPROVED

Sohil

6/14/2018 3:57:40 PM



(12) Phenanthrene

17.196min (+0.055) 0.06ng/ul

response 8488

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 23.00 | 135.95# |
| 176.00 | 17.00 | 53.79#  |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001855.D

Acq On : 13 Jun 2018 22:15

Operator : JU/SJ

Sample : J3375-14

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 06:20:24 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

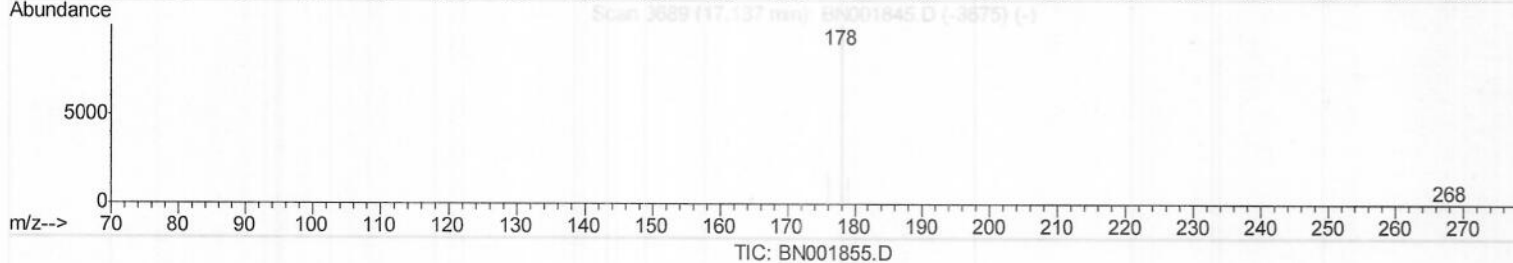
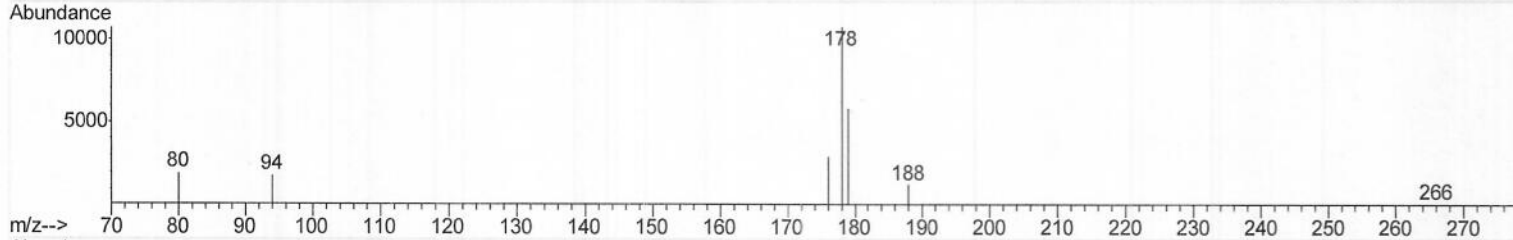
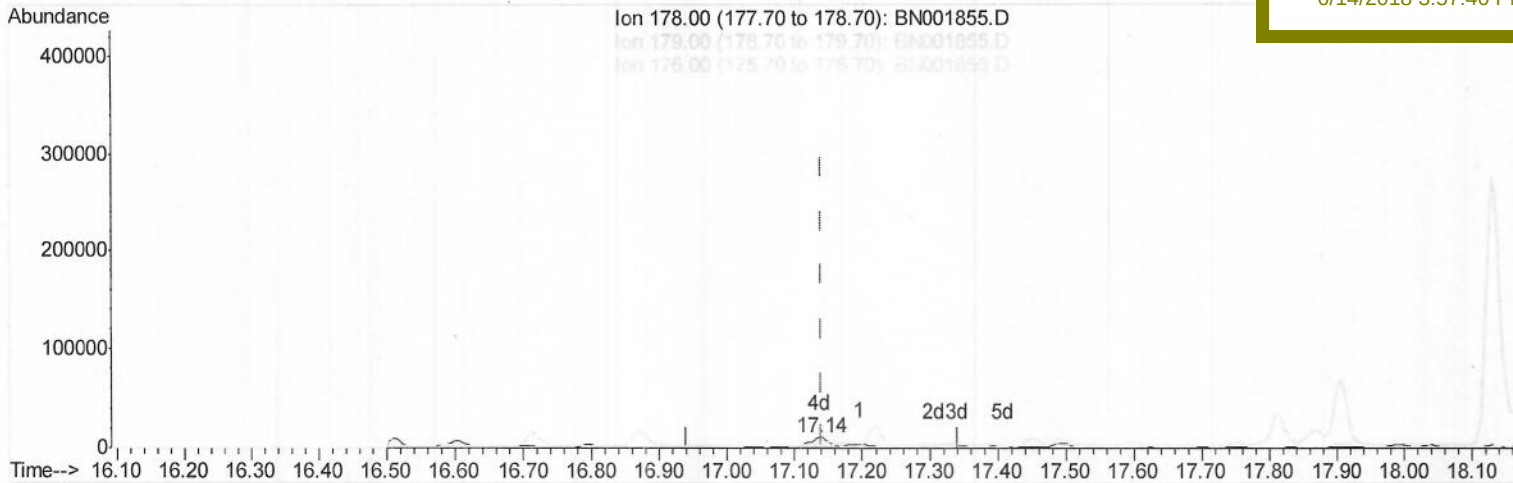
DAWT1

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:40 PM



(12) Phenanthrene

17.137min (-0.004) 0.13ng/ul m > JU06118118

response 18729

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 54.08# |
| 176.00 | 17.00 | 27.67# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001855.D

Acq On : 13 Jun 2018 22:15

Operator : JU/SJ

Sample : J3375-14

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 06:20:24 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA\_N

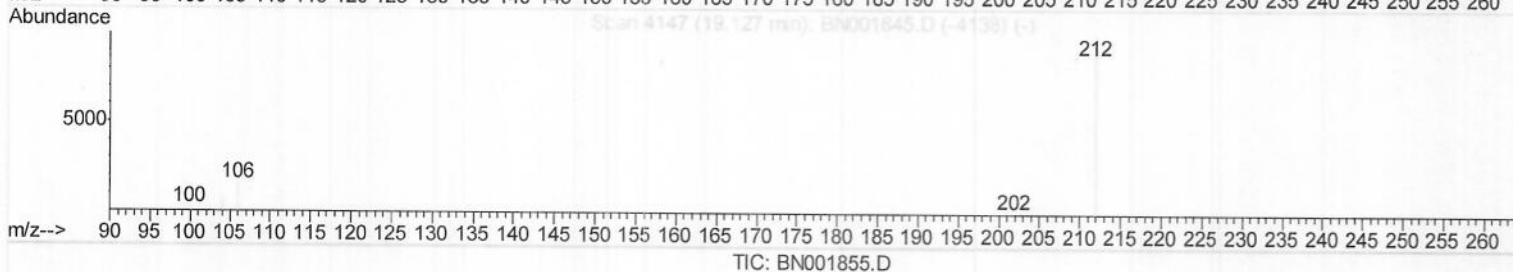
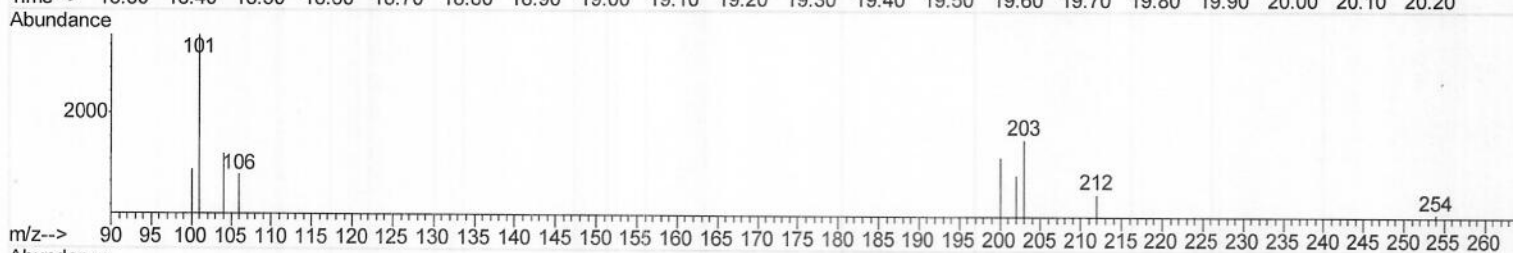
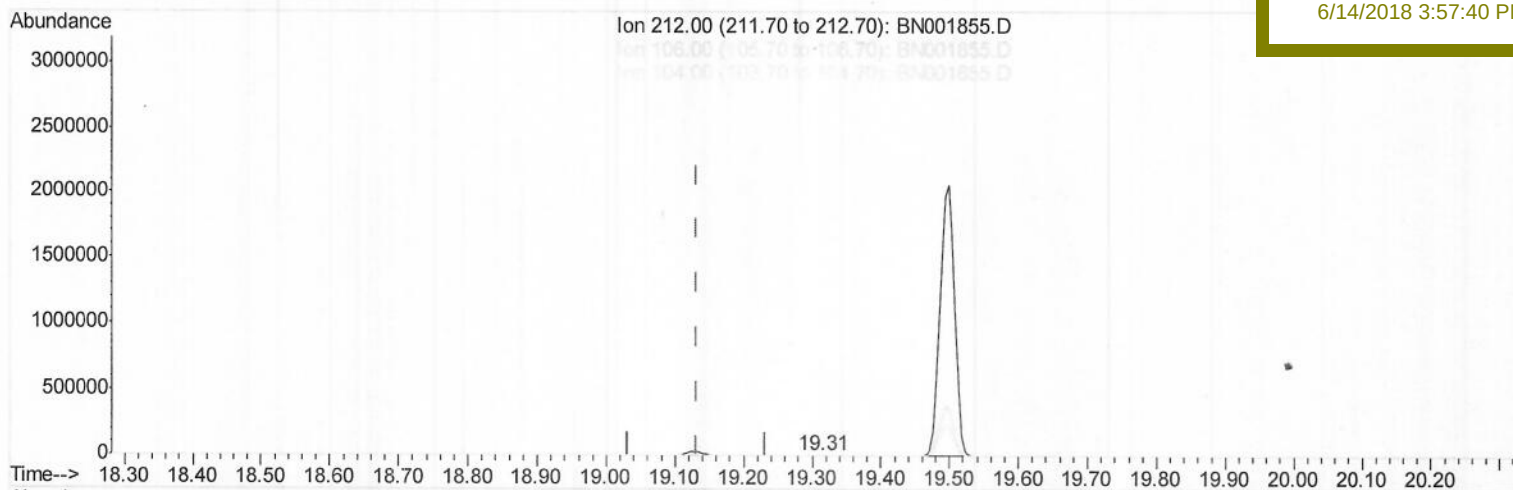
ClientSampleId :

DAWT1

Manual Integrations  
APPROVED

Sohil

6/14/2018 3:57:40 PM



(14) Fluoranthene-d10 (SURR)

19.313min (+0.181) 0.00ng/ul

response 170

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 212.00 | 100   | 100     |
| 106.00 | 18.30 | 178.24# |
| 104.00 | 15.60 | 405.29# |
| 0.00   | 0.00  | 0.00    |



## Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001855.D

Acq On : 13 Jun 2018 22:15

Operator : JU/SJ

Sample : J3375-14

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 14 06:20:24 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

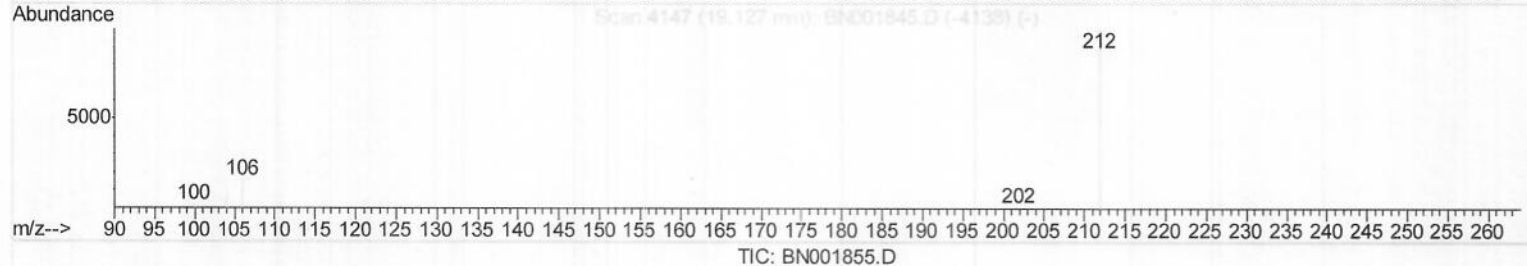
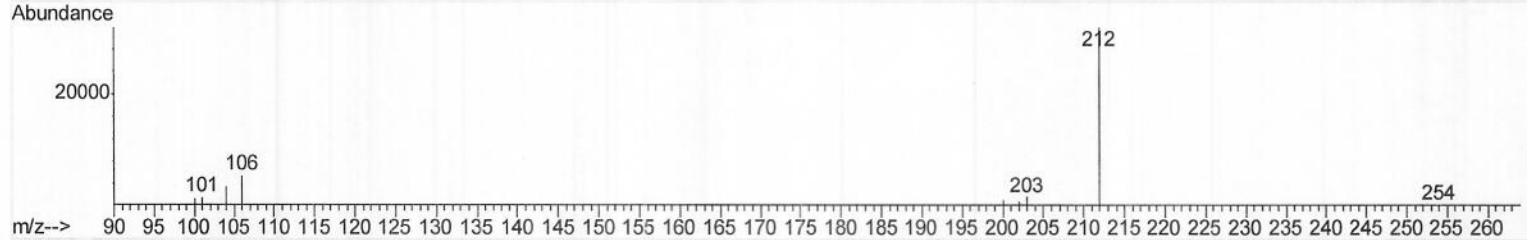
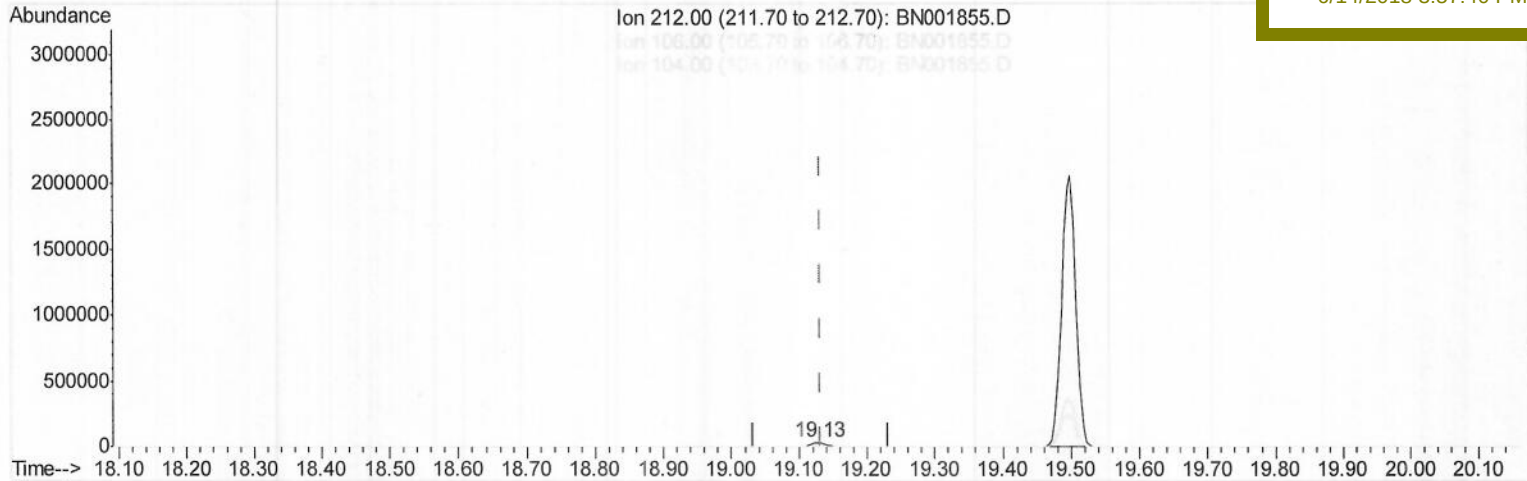
DAWT1

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:40 PM



TIC: BN001855.D

(14) Fluoranthene-d10 (SURR)

19.127min (-0.005) 0.30ng/ul m

&gt; JU 06/13/18

response 42463

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 18.30 | 0.71# |
| 104.00 | 15.60 | 1.62# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\  
 Data File : BN001855.D  
 Acq On : 13 Jun 2018 22:15  
 Operator : JU/SJ  
 Sample : J3375-14  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAWT1

Quant Time: Jun 14 06:21:59 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 13 12:02:12 2018  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Sohil  
 6/14/2018 3:57:40 PM

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.72  | 152  | 8022     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.50 | 136  | 36672    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.35 | 164  | 35200    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.10 | 188  | 46651m)  | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.29 | 240  | 32465m)  | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.53 | 264  | 23320m)  | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.09 | 152  | 20449    | 0.35  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 42463m)  | 0.30  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.55 | 128  | 492115   | 5.207 | ng/ul  | 96       |
| 5) 2-Methylnaphthalene      | 12.17 | 142  | 129530   | 1.918 | ng/ul  | 97       |
| 9) Fluorene                 | 15.41 | 166  | 13758    | 0.093 | ng/ul# | 84       |
| 11) Pentachlorophenol       | 16.75 | 266  | 34335m)  | 3.887 | ng/ul  |          |
| 12) Phenanthrene            | 17.14 | 178  | 18729m)  | 0.135 | ng/ul  |          |

Ju 06/18/18

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