

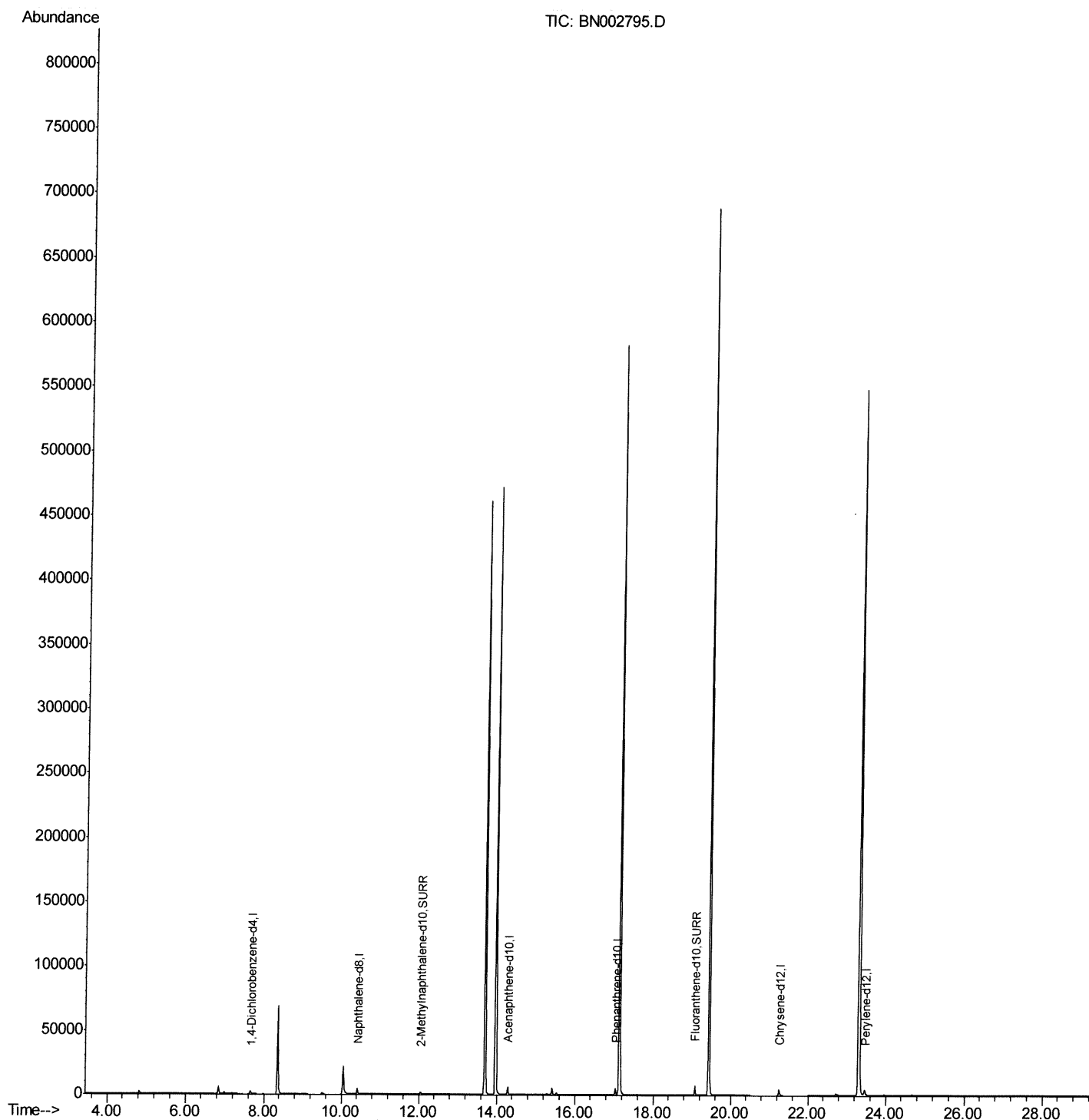
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092118\  
Data File : BN002795.D  
Acq On : 20 Sep 2018 20:17  
Operator : JU/SJ  
Sample : J4874-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3ZB7

Manual Integrations  
APPROVED

Sohil  
9/21/2018 2:06:07 PM

Quant Time: Sep 21 04:28:44 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN092018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 21 04:00:39 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

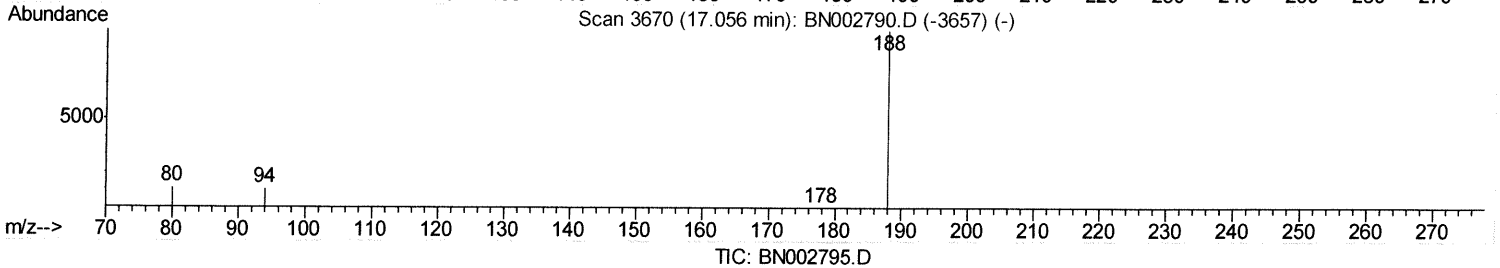
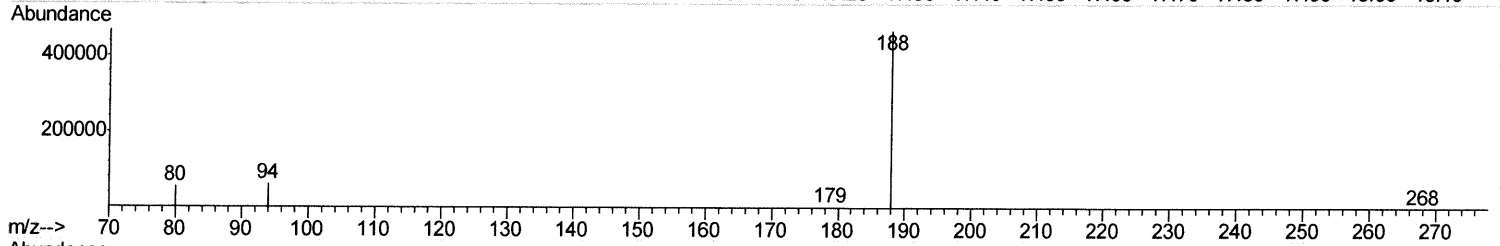
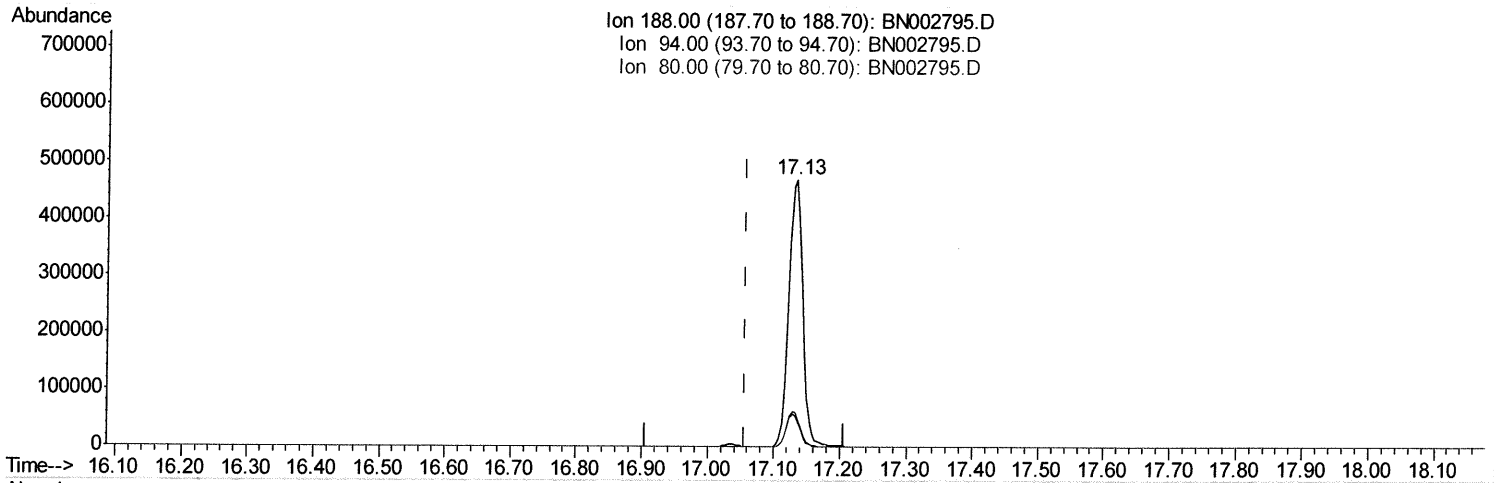
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092118\  
 Data File : BN002795.D  
 Acq On : 20 Sep 2018 20:17  
 Operator : JU/SJ  
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3ZB7

Manual Integrations  
 APPROVED

Sohil  
 9/21/2018 2:06:07 PM

Quant Time: Sep 21 04:01:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 21 04:00:39 2018  
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(10) Phenanthrene-d10 (I)  
 17.133min (+0.076) 0.40ng/ul  
 response 680591

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 12.72 |
| 80.00  | 11.80 | 11.60 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

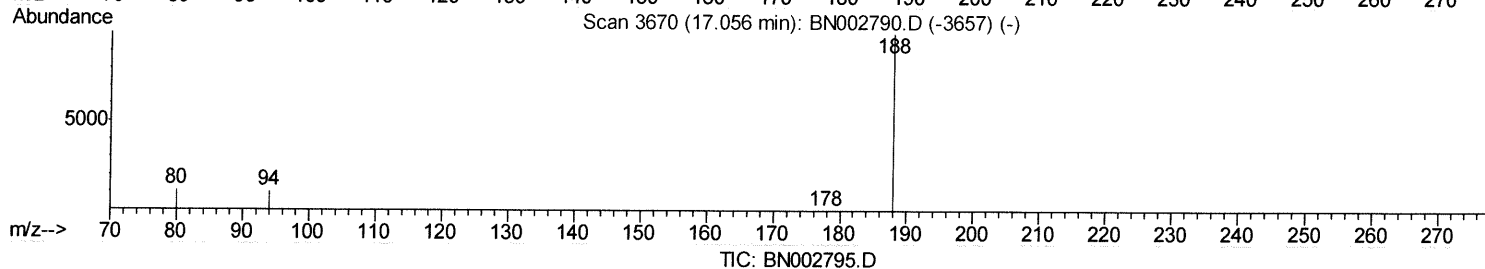
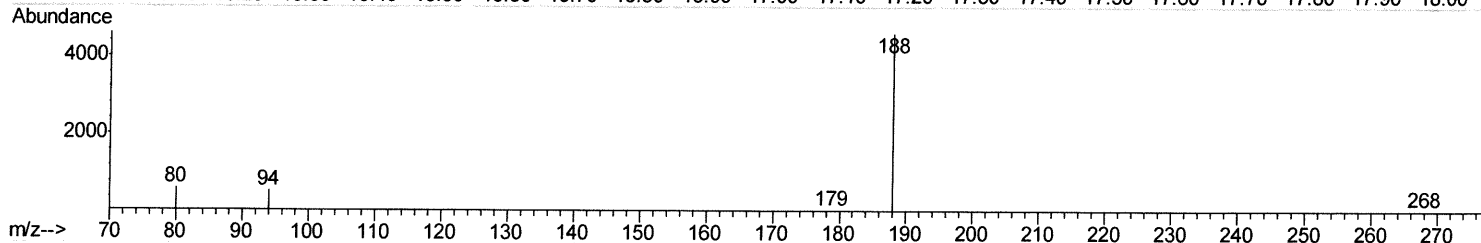
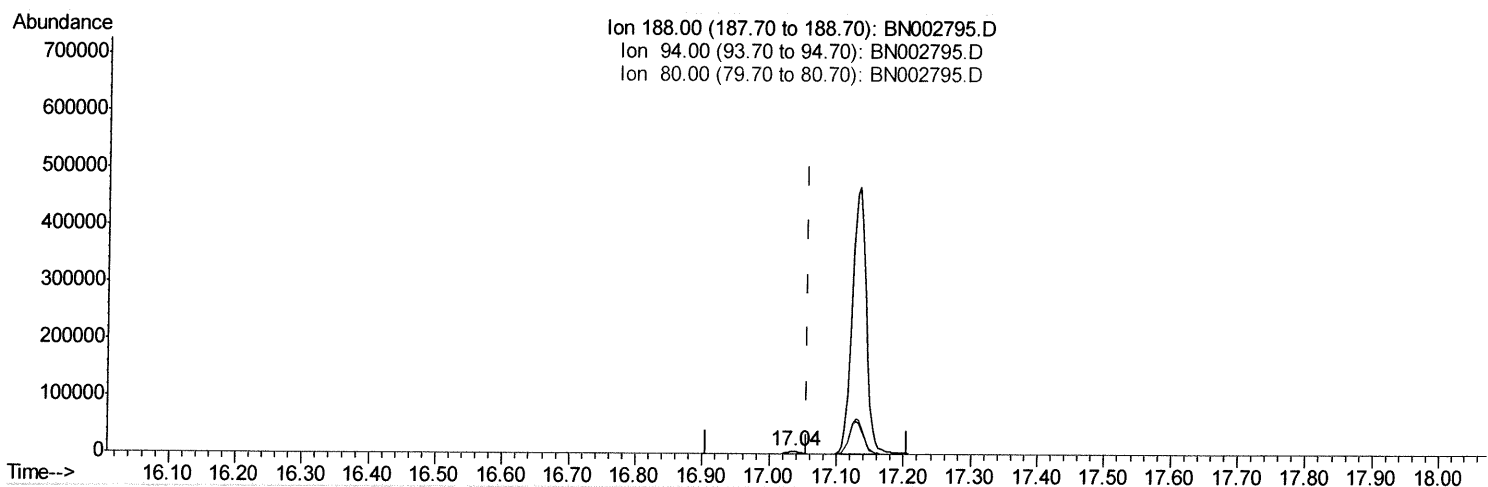
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092118\  
 Data File : BN002795.D  
 Acq On : 20 Sep 2018 20:17  
 Operator : JU/SJ  
 Sample : J4874-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3ZB7

Manual Integrations  
 APPROVED

Sohil  
 9/21/2018 2:06:07 PM

Quant Time: Sep 21 04:01:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN092018.M  
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 QLast Update : Fri Sep 21 04:00:39 2018  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.035min (-0.021) 0.40ng/ul m

*5/9/24/18*

response 6620

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 11.64 |
| 80.00  | 11.80 | 13.14 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

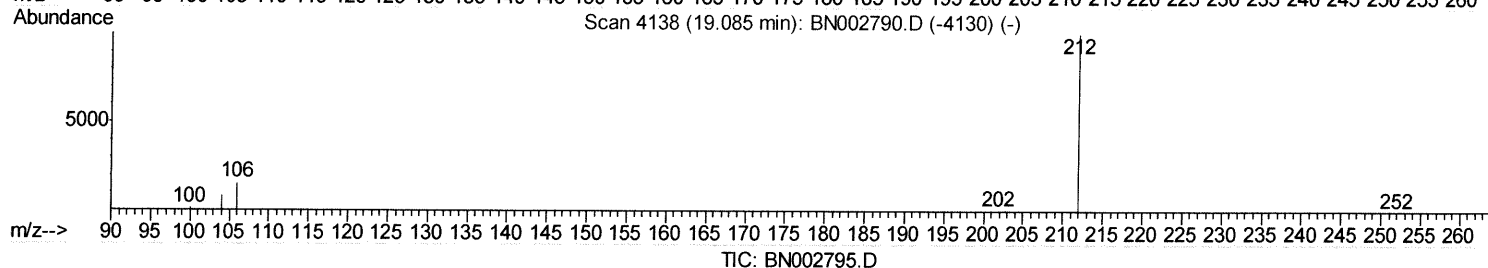
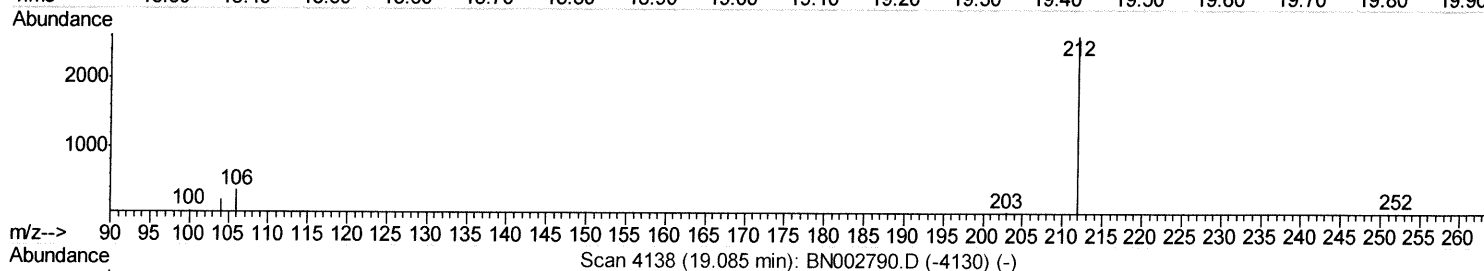
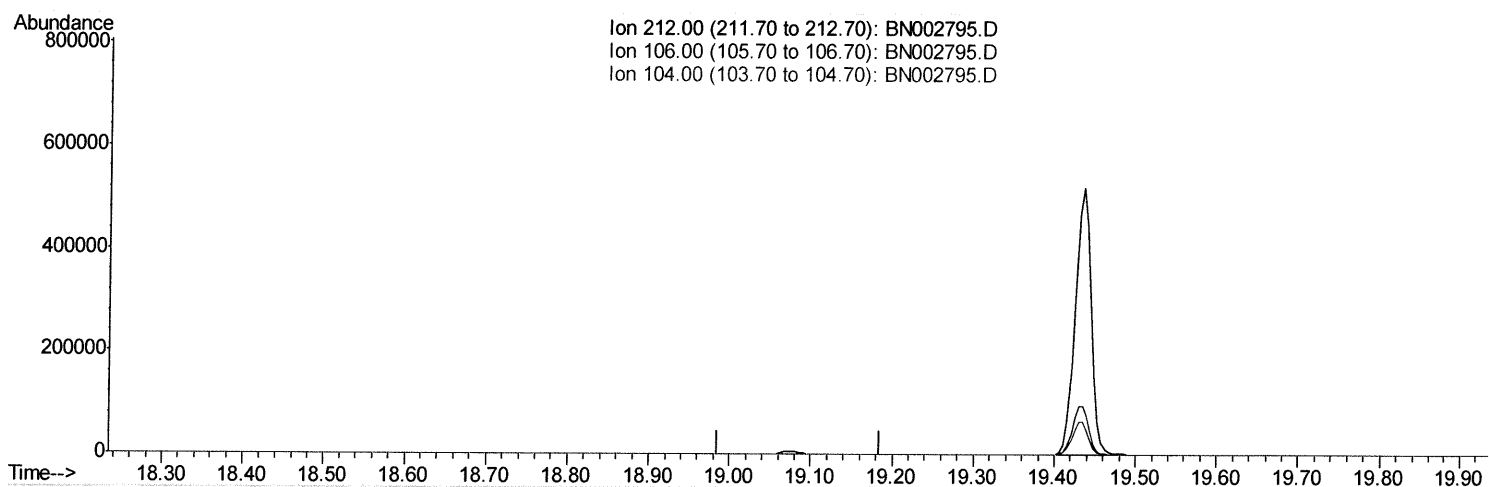
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092118\  
Data File : BN002795.D  
Acq On : 20 Sep 2018 20:17  
Operator : JU/SJ  
Sample : J4874-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3ZB7

Manual Integrations  
APPROVED

Sohil  
9/21/2018 2:06:07 PM

Quant Time: Sep 21 04:25:42 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN092018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 21 04:00:39 2018  
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURRE)

19.085min (-19.085) 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)

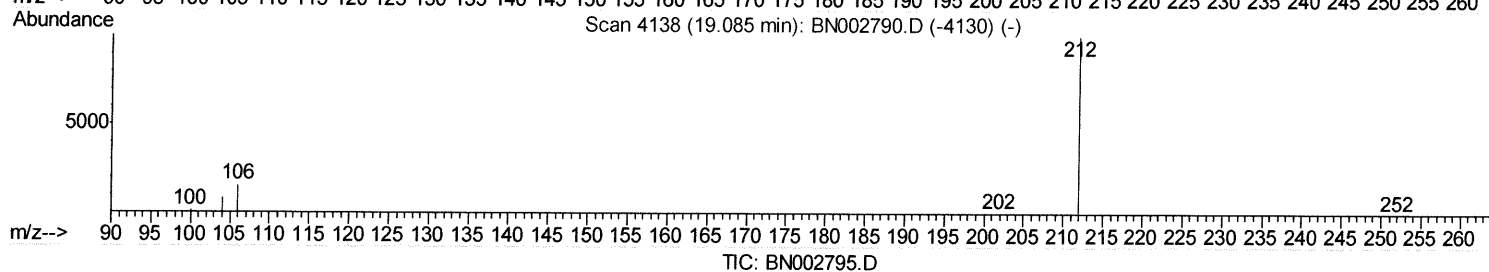
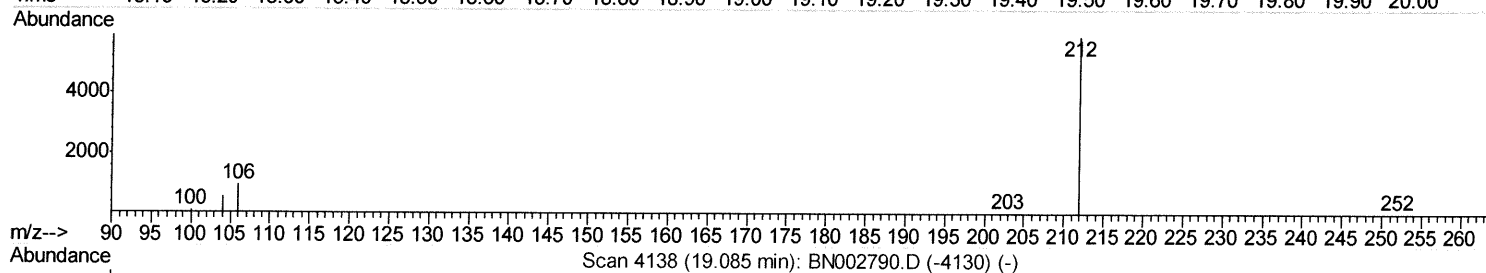
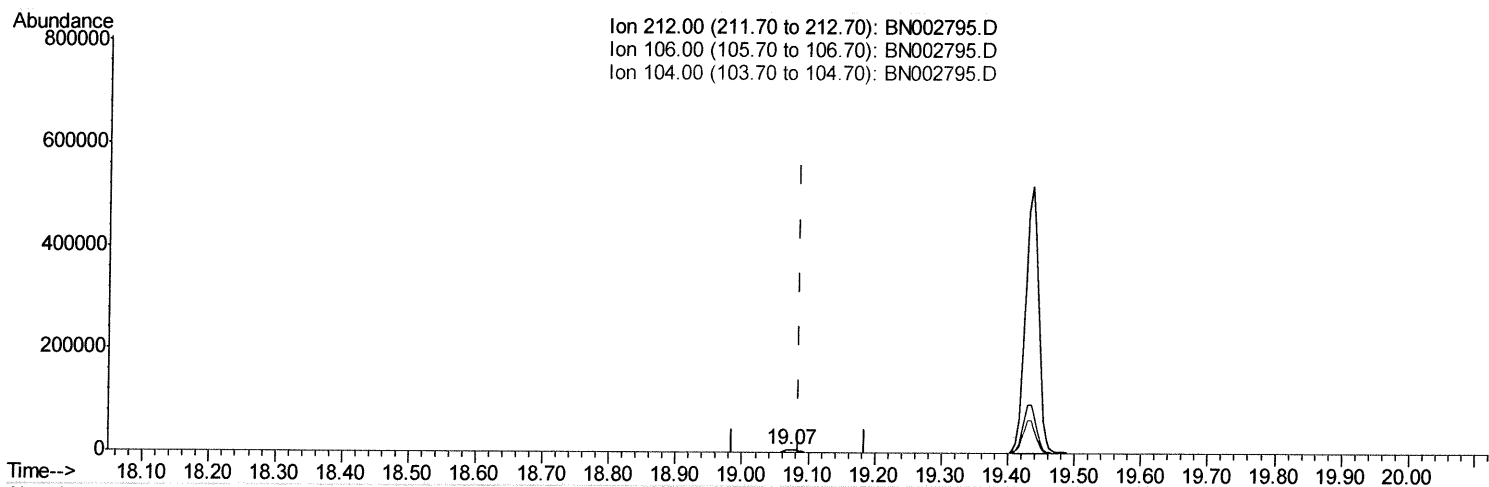
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092118\  
Data File : BN002795.D  
Acq On : 20 Sep 2018 20:17  
Operator : JU/SJ  
Sample : J4874-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3ZB7

Manual Integrations  
APPROVED

Sohil  
9/21/2018 2:06:07 PM

Quant Time: Sep 21 04:25:42 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN092018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 21 04:00:39 2018  
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.072min (-0.014) 0.50ng/ul m

*SJ 9/24/18*

response 8517

| 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)

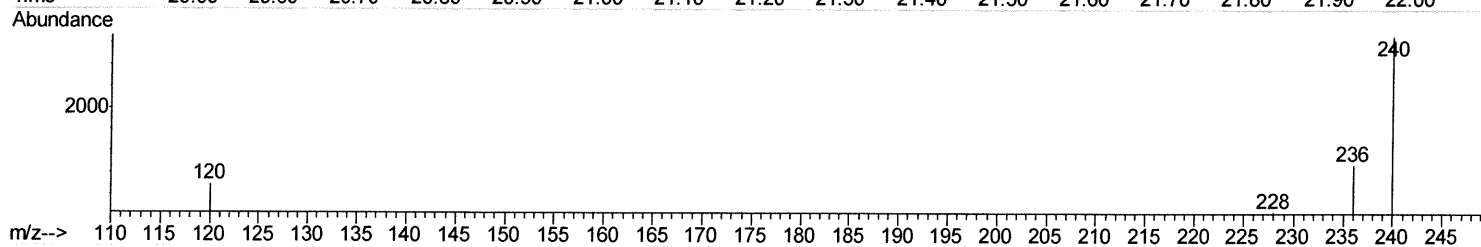
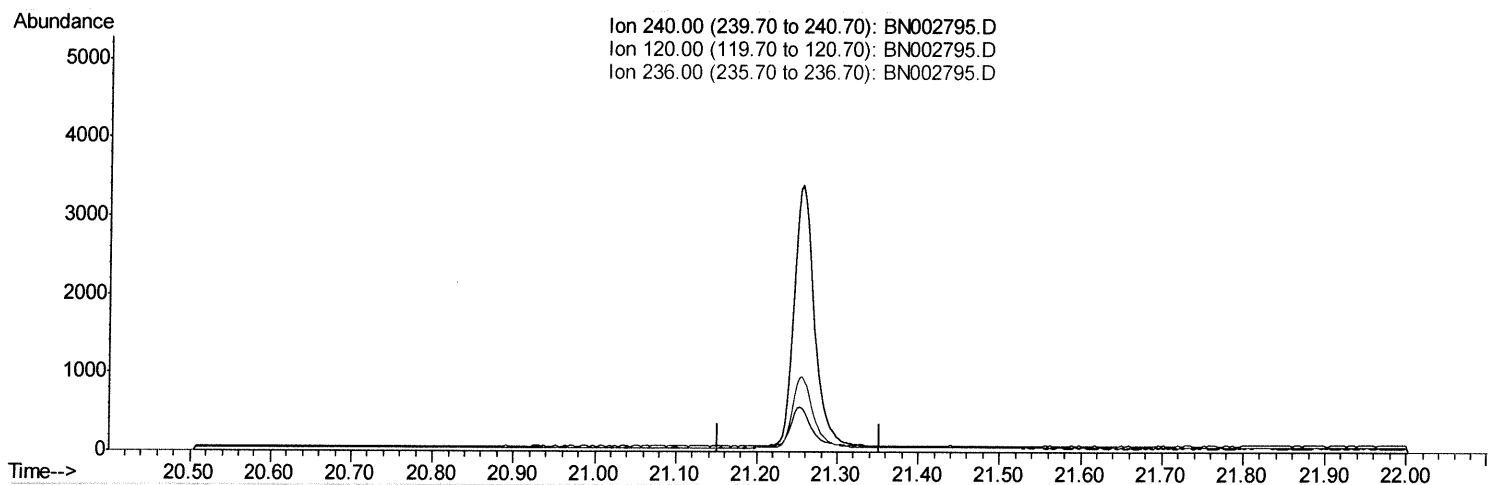
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092118\  
Data File : BN002795.D  
Acq On : 20 Sep 2018 20:17  
Operator : JU/SJ  
Sample : J4874-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3ZB7

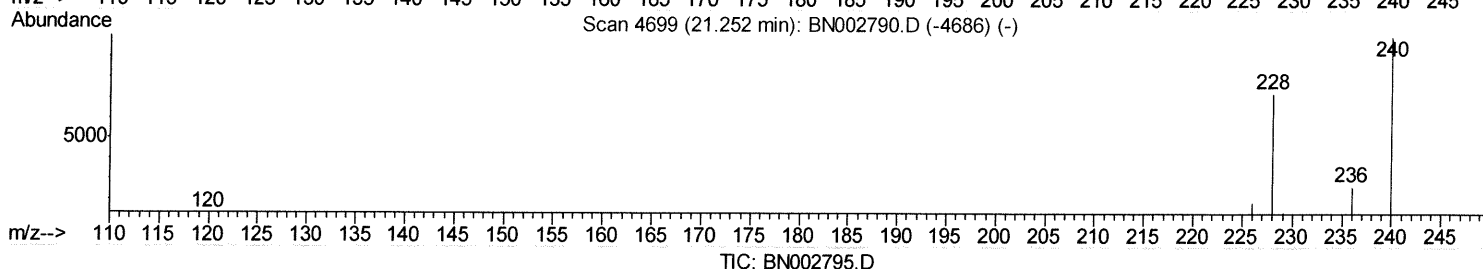
Manual Integrations  
APPROVED

Sohil  
9/21/2018 2:06:07 PM

Quant Time: Sep 21 04:25:42 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN092018.M  
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QLast Update : Fri Sep 21 04:00:39 2018  
Response via : Initial Calibration



Scan 4699 (21.252 min): BN002790.D (-4686) (-)



(16) Chrysene-d12 (I)

21.252min (-21.252) 0.00ng/ul

response 0

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

# Quantitation Report (Qedit)

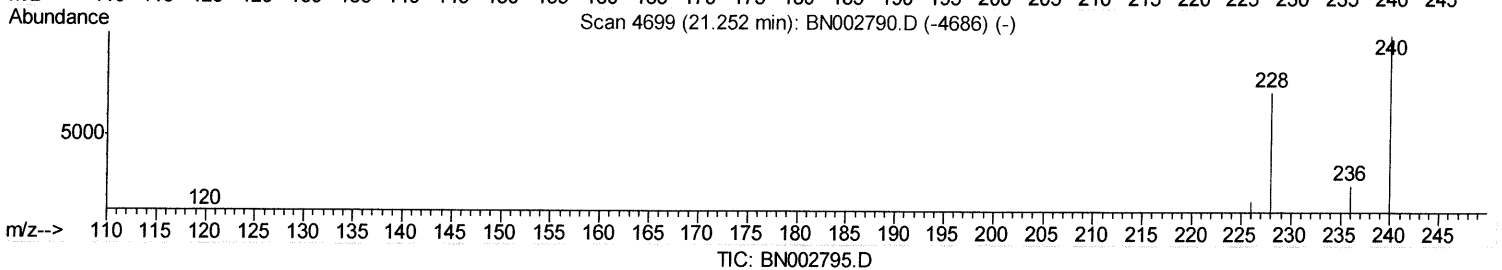
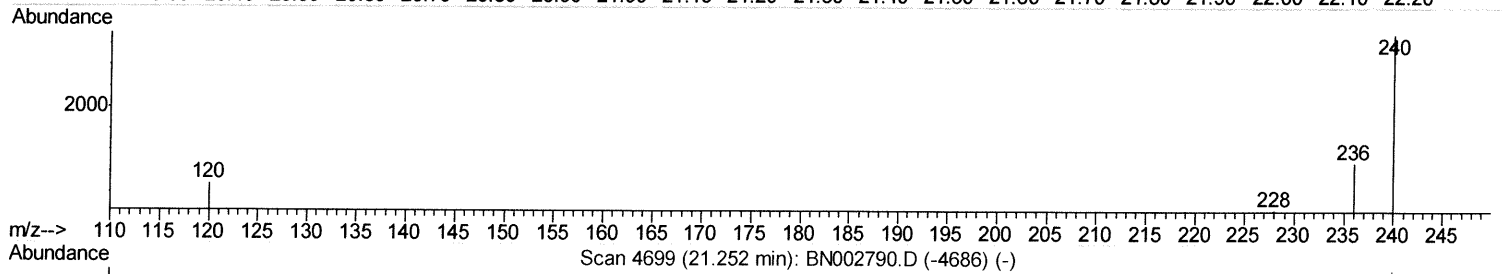
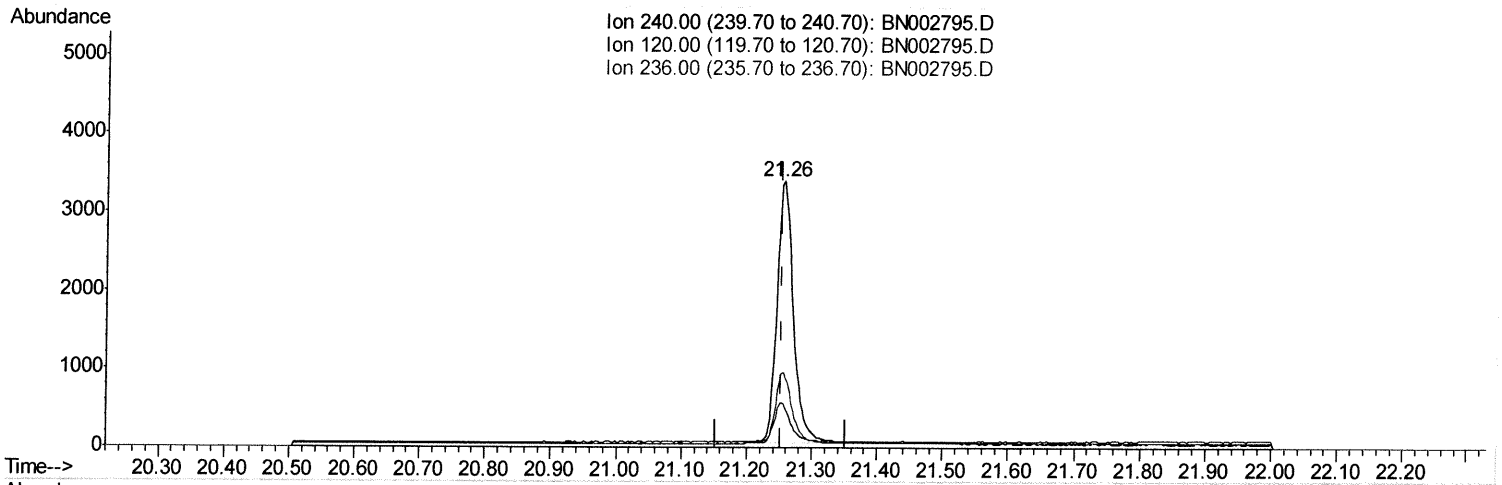
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092118\  
 Data File : BN002795.D  
 Acq On : 20 Sep 2018 20:17  
 Operator : JU/SJ  
 Sample : J4874-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3ZB7

Manual Integrations  
 APPROVED

Sohil  
 9/21/2018 2:06:07 PM

Quant Time: Sep 21 04:25:42 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 21 04:00:39 2018  
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.255min (+0.003) 0.40ng/ul m

*SJ 9/24/18*

response 5769

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 16.35# |
| 236.00 | 34.90 | 28.40  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

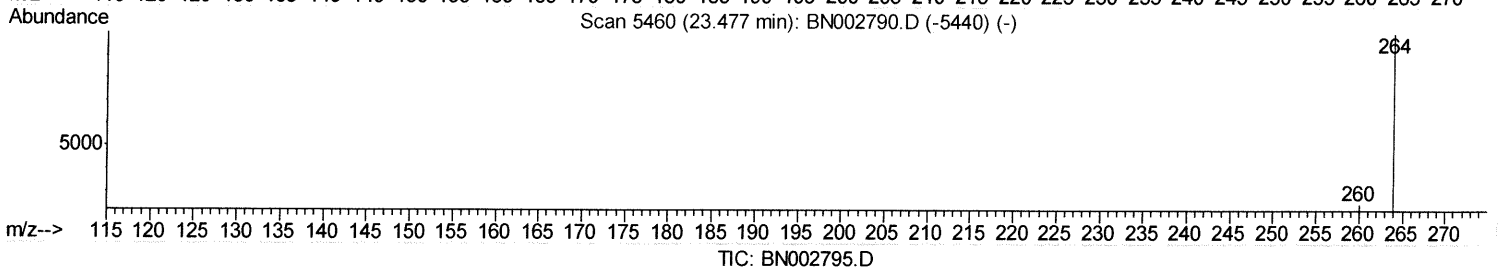
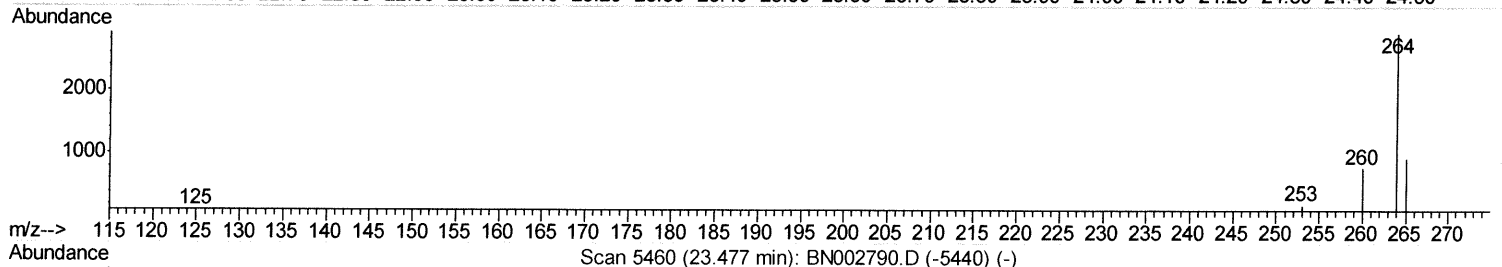
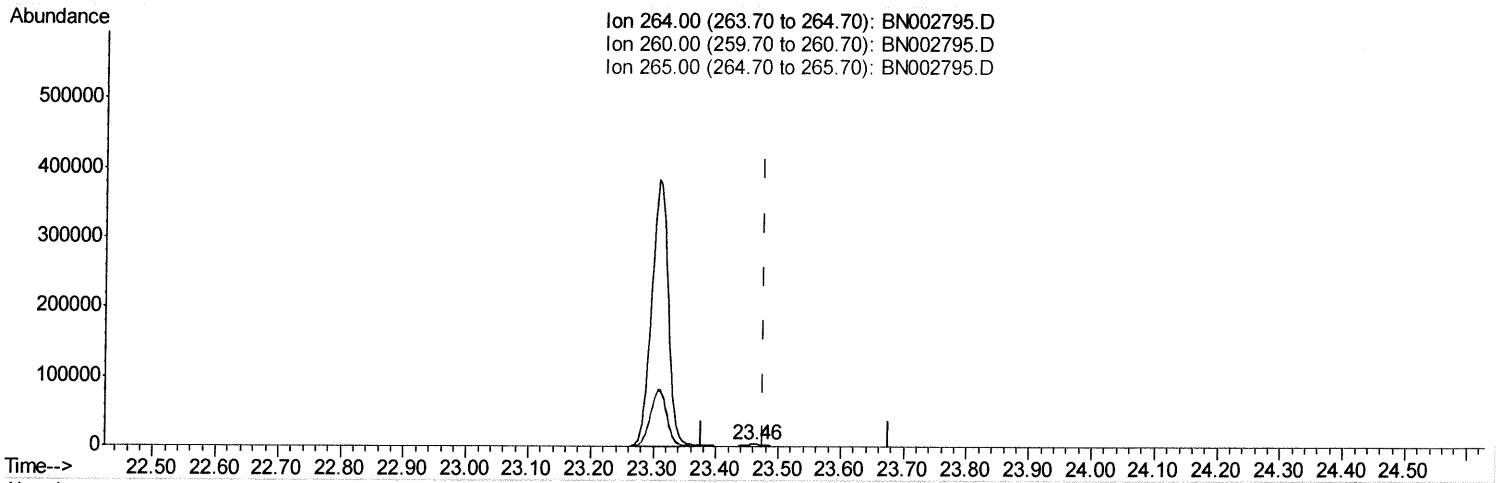
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092118\  
 Data File : BN002795.D  
 Acq On : 20 Sep 2018 20:17  
 Operator : JU/SJ  
 Sample : J4874-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3ZB7

Manual Integrations  
 APPROVED

Sohil  
 9/21/2018 2:06:07 PM

Quant Time: Sep 21 04:27:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.462min (-0.015) 0.40ng/ul

response 7170

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 26.42  |
| 265.00 | 103.50 | 31.80# |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

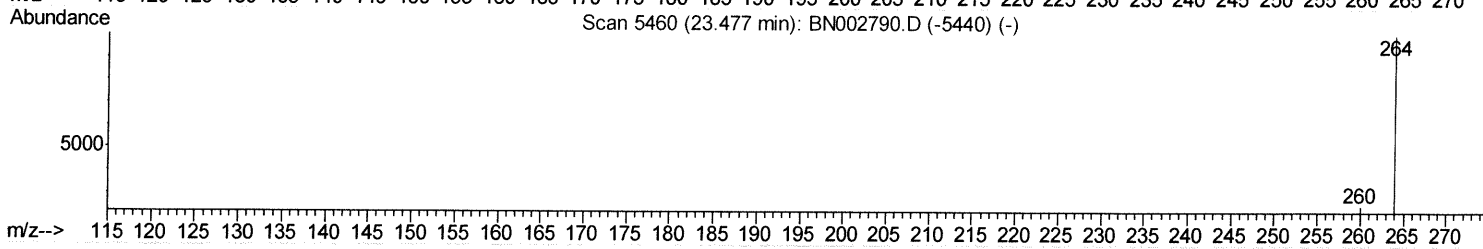
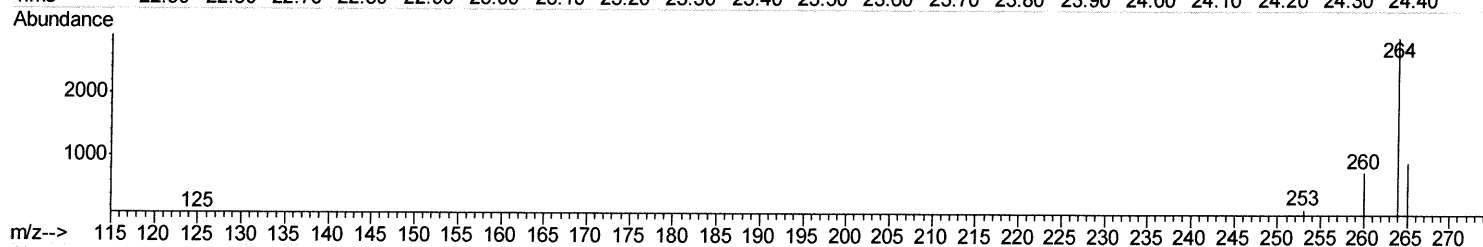
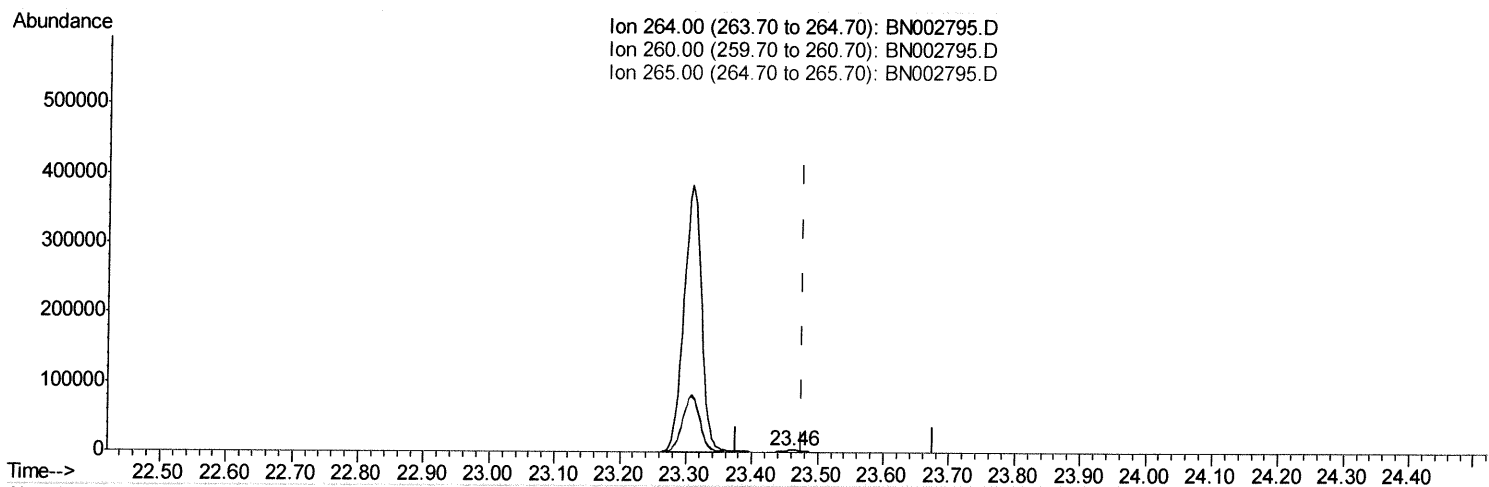
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092118\  
Data File : BN002795.D  
Acq On : 20 Sep 2018 20:17  
Operator : JU/SJ  
Sample : J4874-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3ZB7

Manual Integrations  
APPROVED

Sohil  
9/21/2018 2:06:07 PM

Quant Time: Sep 21 04:27:53 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN092018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



TIC: BN002795.D

(20) Perylene-d12 (I)

23.462min (-0.015) 0.40ng/ul m

*SJ 9/24/18*

response 5378

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 26.42  |
| 265.00 | 103.50 | 31.80# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092118\  
Data File : BN002795.D  
Acq On : 20 Sep 2018 20:17  
Operator : JU/SJ  
Sample : J4874-05  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Manual Integrations  
APPROVED

Sohil  
9/21/2018 2:06:07 PM

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 1665     | 0.40 | ng/ul | -0.02    |
| 2) Naphthalene-d8         | 10.42 | 136  | 6328     | 0.40 | ng/ul | -0.02    |
| 6) Acenaphthene-d10       | 14.28 | 164  | 3364     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.04 | 188  | 6620m    | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.26 | 240  | 5769m    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.46 | 264  | 5378m    | 0.40 | ng/ul | -0.01    |

## System Monitoring Compounds

|                            |       |     |       |      |       |       |
|----------------------------|-------|-----|-------|------|-------|-------|
| 4) 2-Methylnaphthalene-d10 | 12.04 | 152 | 4090  | 0.45 | ng/ul | 0.00  |
| 14) Fluoranthene-d10       | 19.07 | 212 | 8517m | 0.50 | ng/ul | -0.01 |

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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