

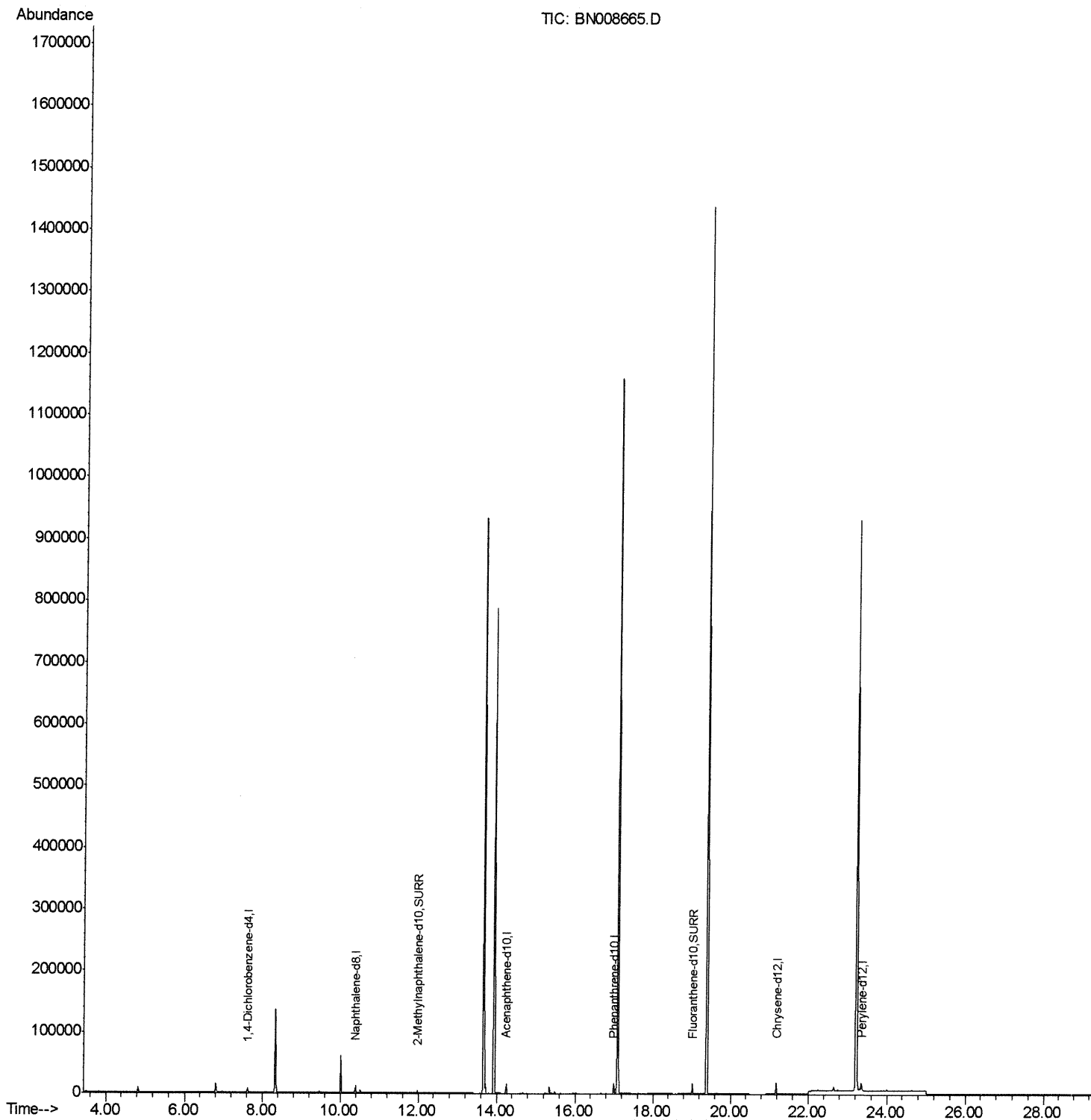
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\  
Data File : BN008665.D  
Acq On : 20 Nov 2019 17:56  
Operator : JU  
Sample : K5784-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLNB4

Manual Integrations  
APPROVED

mohammad  
11/21/2019 1:06:16 PM

Quant Time: Nov 21 00:54:07 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 20 04:45:41 2019  
Response via : Initial Calibration



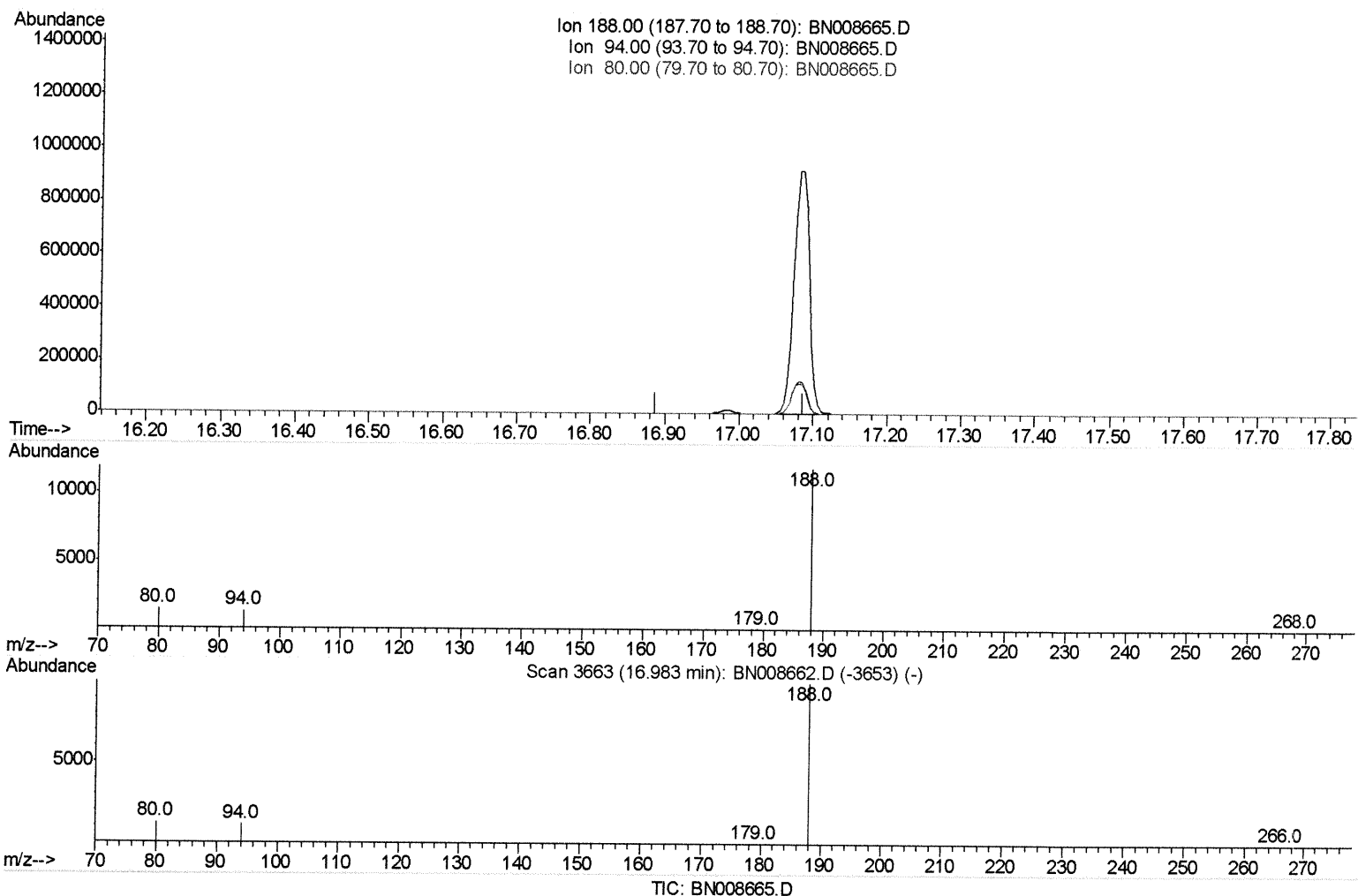
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11/21/2019 1:06:16 PM

Quant Time: Nov 21 00:43:02 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 20 04:45:41 2019  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.987min (-16.987) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 10.60 | 0.00# |
| 80.00  | 11.80 | 0.00# |
| 0.00   | 0.00  | 0.00  |

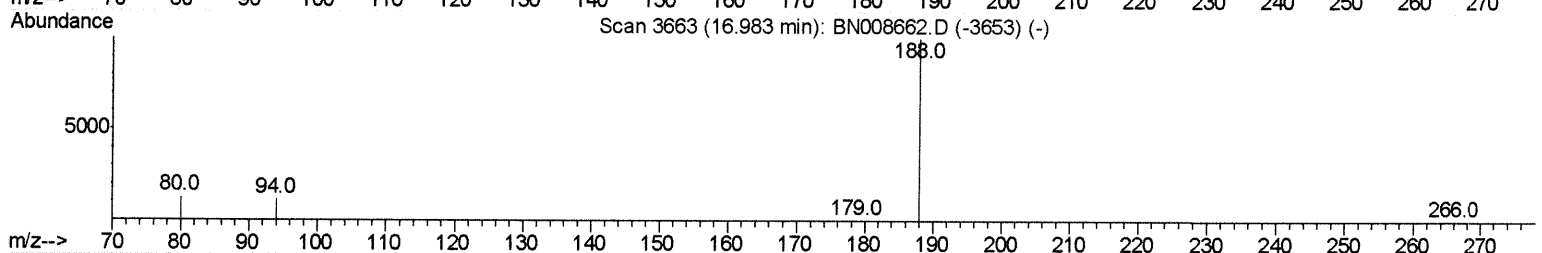
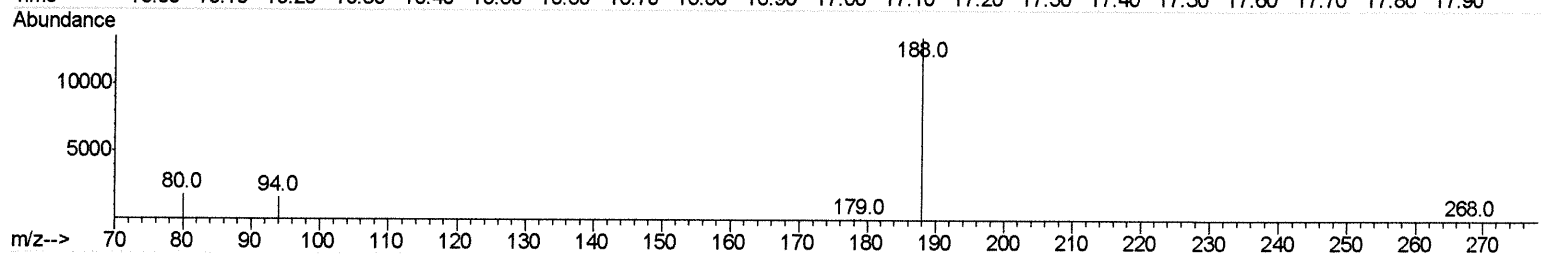
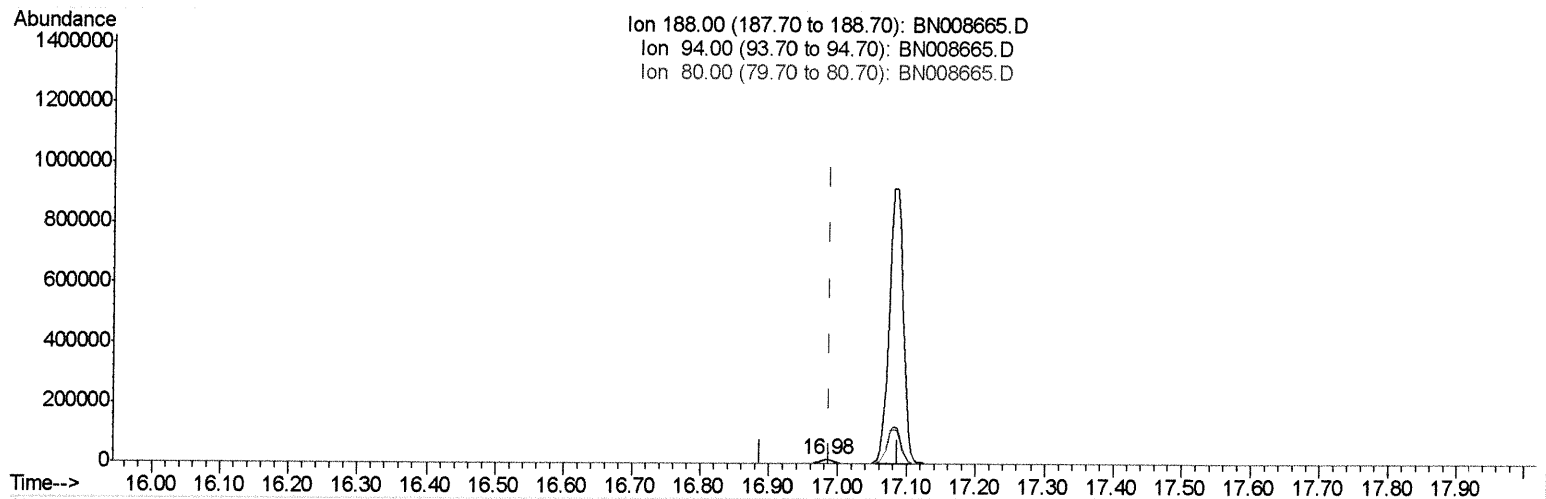
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\  
Data File : BN008665.D  
Acq On : 20 Nov 2019 17:56  
Operator : JU  
Sample : K5784-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLNB4

Manual Integrations  
APPROVED

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11/21/2019 1:06:16 PM

Quant Time: Nov 21 00:43:02 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 20 04:45:41 2019  
Response via : Initial Calibration



TIC: BN008665.D

(10) Phenanthrene-d10 (I)

16.983min (-0.004) 0.40ng/ul m JU 11/25/19

response 18355

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.60 | 12.03 |
| 80.00  | 11.80 | 13.54 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\  
 Data File : BN008665.D  
 Acq On : 20 Nov 2019 17:56  
 Operator : JU  
 Sample : K5784-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 JLN84

Manual Integrations  
 APPROVED

mohammad  
 11/21/2019 1:06:16 PM

Quant Time: Nov 21 00:54:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 20 04:45:41 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units   | Dev(Min) |
|---------------------------|-------|------|----------|------|---------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 4223     | 0.40 | ng/ul   | 0.00     |
| 2) Naphthalene-d8         | 10.38 | 136  | 15814    | 0.40 | ng/ul   | 0.00     |
| 6) Acenaphthene-d10       | 14.24 | 164  | 8794     | 0.40 | ng/ul   | 0.00     |
| 10) Phenanthrene-d10      | 16.98 | 188  | 18355m > | 0.40 | ng/ul > | 0.00     |
| 16) Chrysene-d12          | 21.18 | 240  | 15042    | 0.40 | ng/ul   | 0.00     |
| 20) Perylene-d12          | 23.35 | 264  | 15333    | 0.40 | ng/ul   | 0.00     |

JU 11/25/19

## System Monitoring Compounds

|                            |       |     |       |      |       |      |
|----------------------------|-------|-----|-------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 11.97 | 152 | 6907  | 0.27 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 19.01 | 212 | 17275 | 0.31 | ng/ul | 0.00 |

## Target Compounds

Ovalue

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