

# Quantitation Report (QT Reviewed)

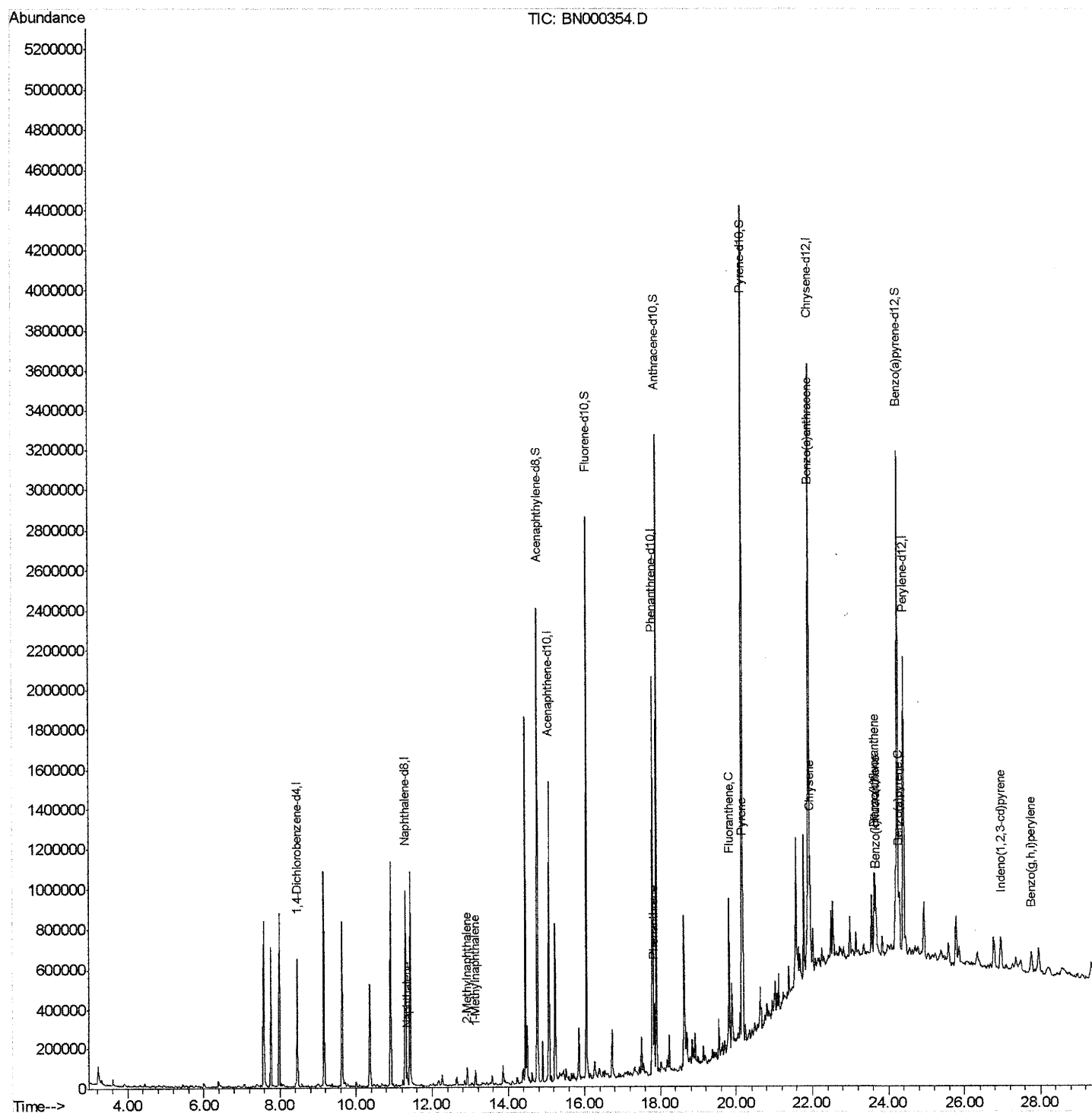
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
 Data File : BN000354.D  
 Acq On : 13 Mar 2018 18:08  
 Operator : JU/SJ  
 Sample : J1845-22  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAMD8

Manual Integrations  
 APPROVED

Sohil  
 3/14/2018 5:46:10 PM

Quant Time: Mar 14 08:25:25 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 14 08:11:44 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

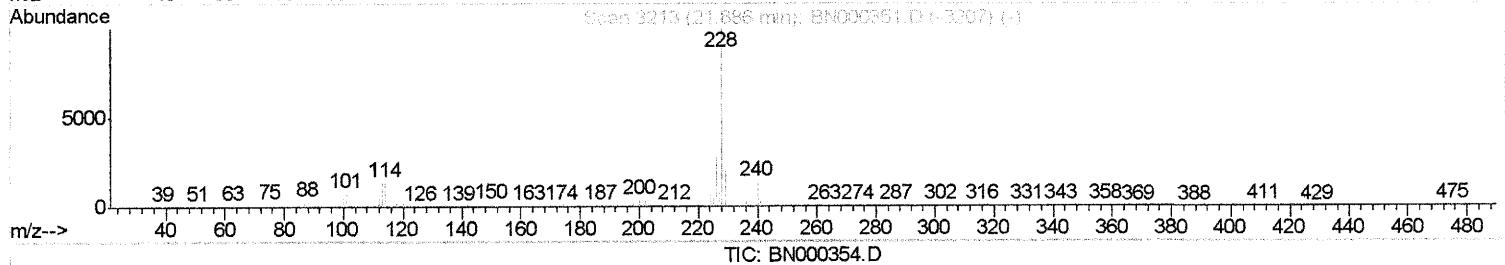
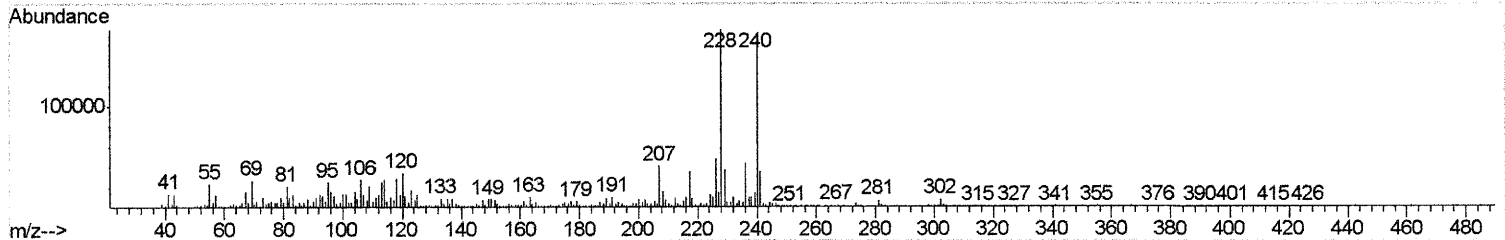
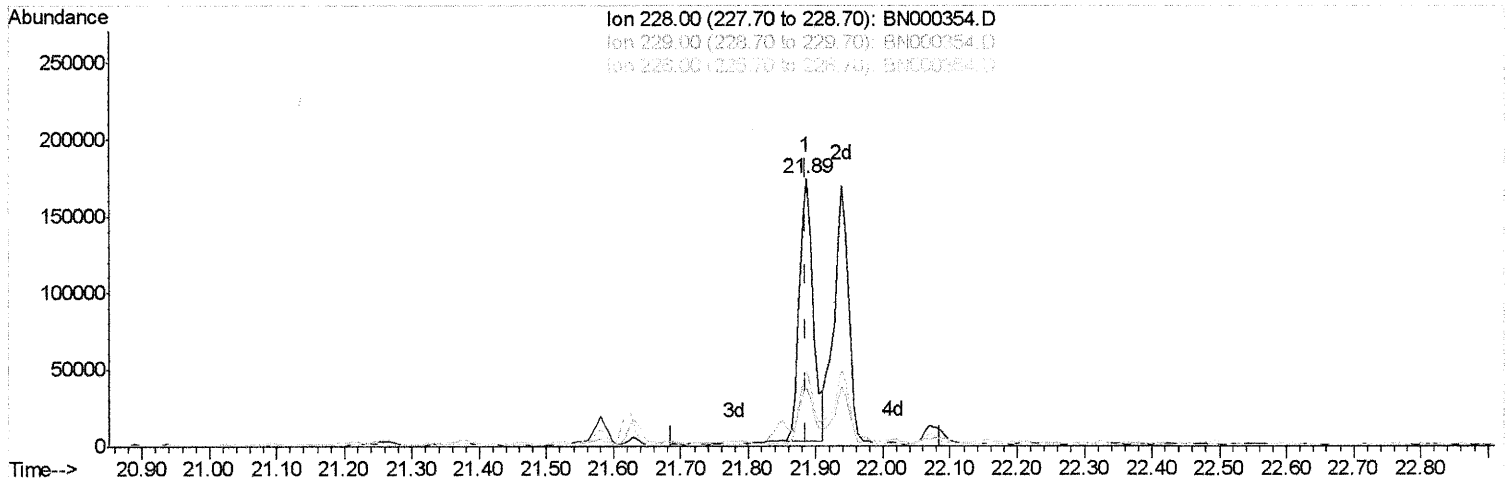
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
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(20) Benzo(a)anthracene  
 21.886min (-0.000) 3.41ng/ul  
 response 248212

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.60 | 21.71 |
| 226.00 | 26.40 | 27.68 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

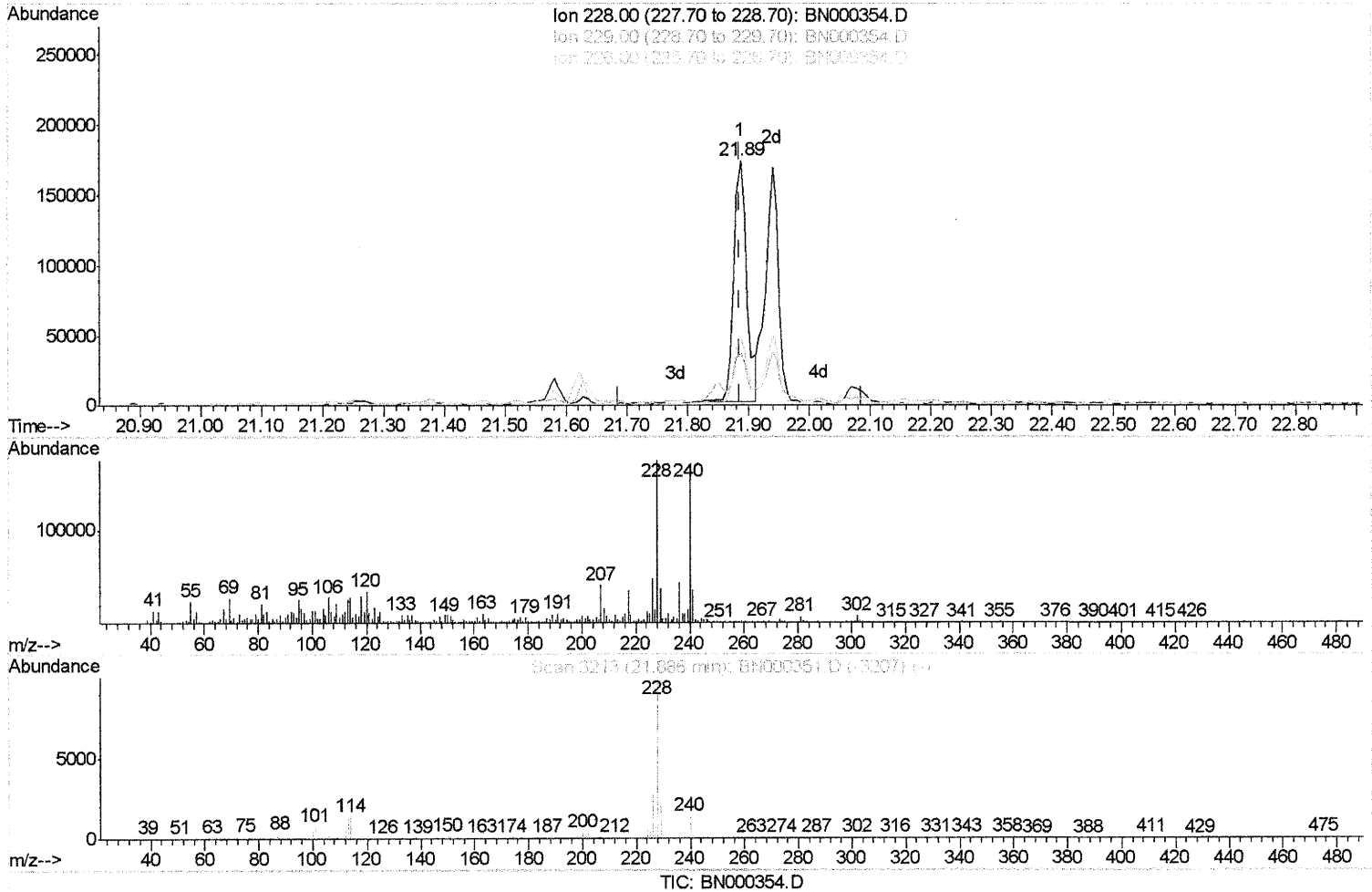
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
 Data File : BN000354.D  
 Acq On : 13 Mar 2018 18:08  
 Operator : JU/SJ  
 Sample : J1845-22  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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Manual Integrations  
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(20) Benzo(a)anthracene

21.886min (-0.000) 3.49ng/ul m SJ 3/14/18

response 254174

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.60 | 21.71 |
| 226.00 | 26.40 | 27.68 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

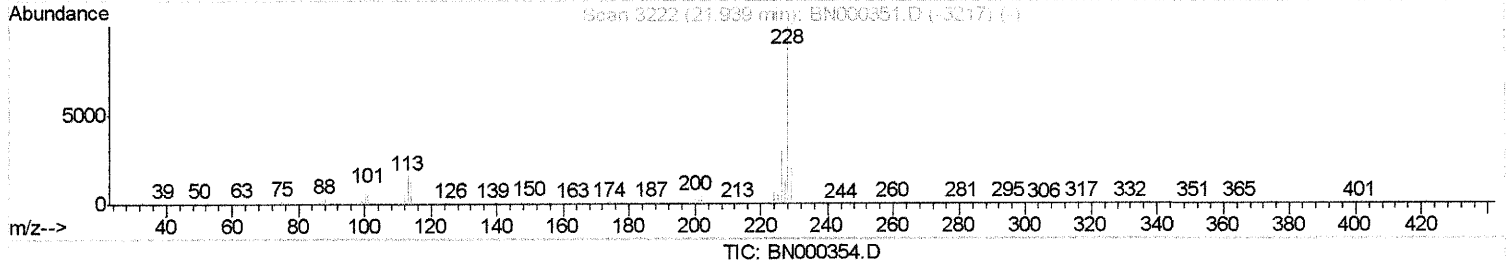
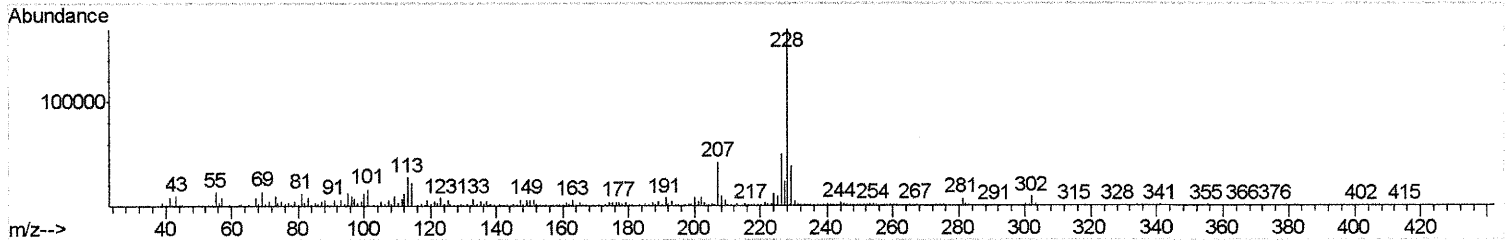
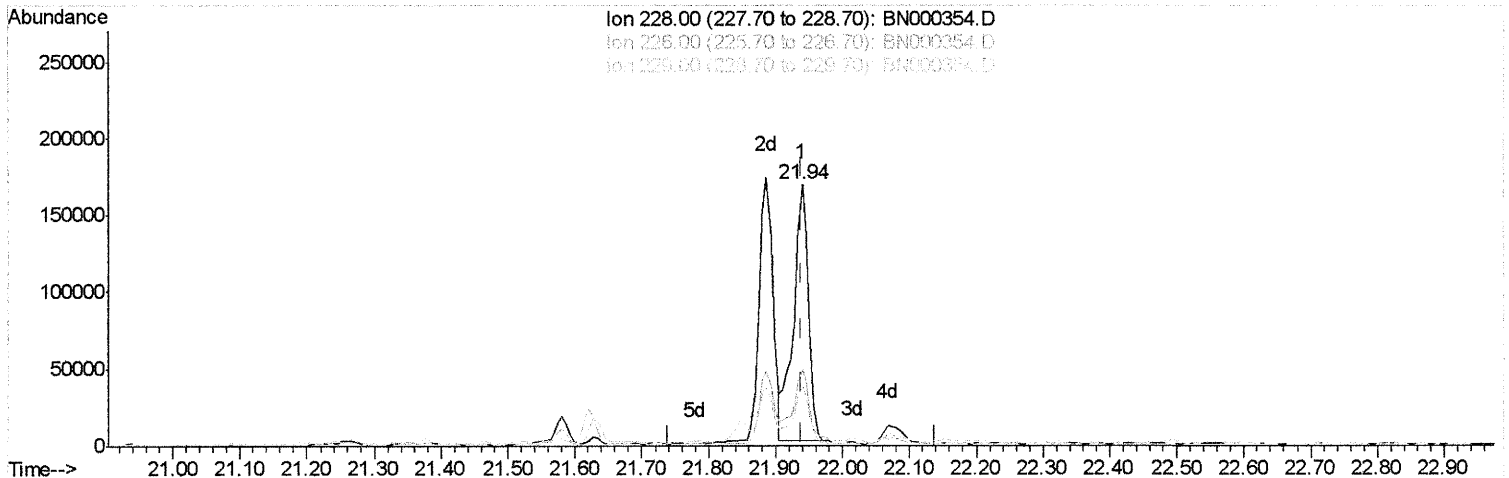
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
 Data File : BN000354.D  
 Acq On : 13 Mar 2018 18:08  
 Operator : JU/SJ  
 Sample : J1845-22  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
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(21) Chrysene

21.939min (-0.000) 3.80ng/ul

response 262439

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.60 | 29.54 |
| 229.00 | 19.80 | 23.00 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

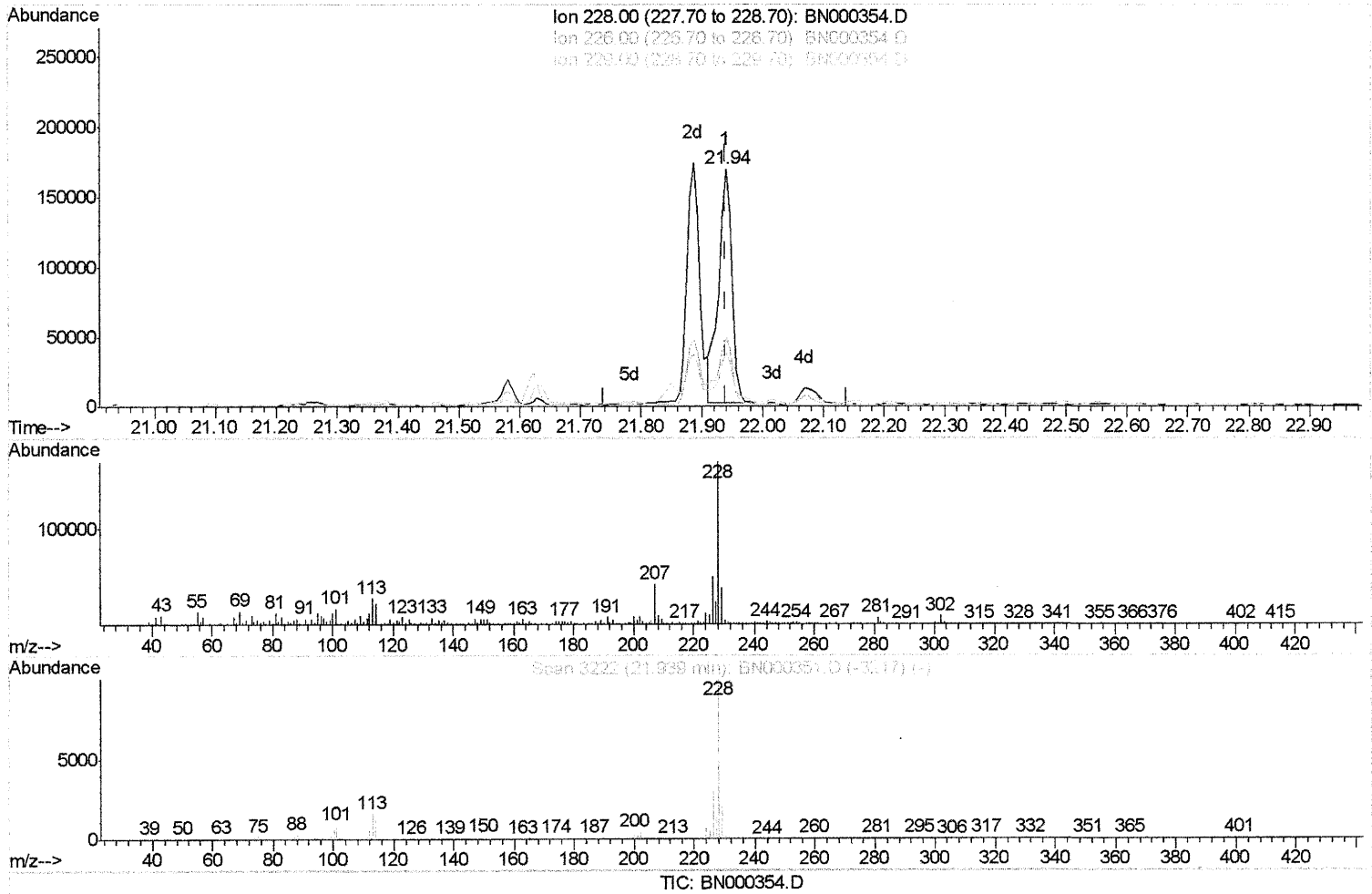
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
 Data File : BN000354.D  
 Acq On : 13 Mar 2018 18:08  
 Operator : JU/SJ  
 Sample : J1845-22  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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Manual Integrations  
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(21) Chrysene

21.939min (-0.000) 3.67ng/ul m 55 3/14/18

response 253686

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.60 | 29.54 |
| 229.00 | 19.80 | 23.00 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

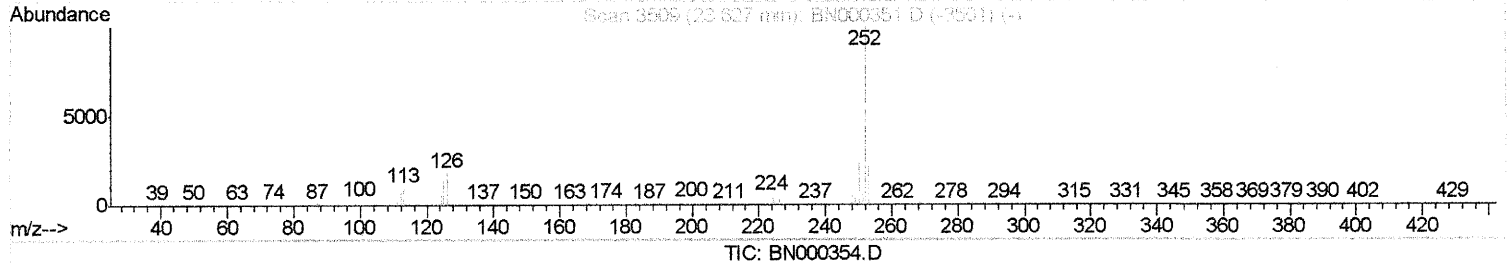
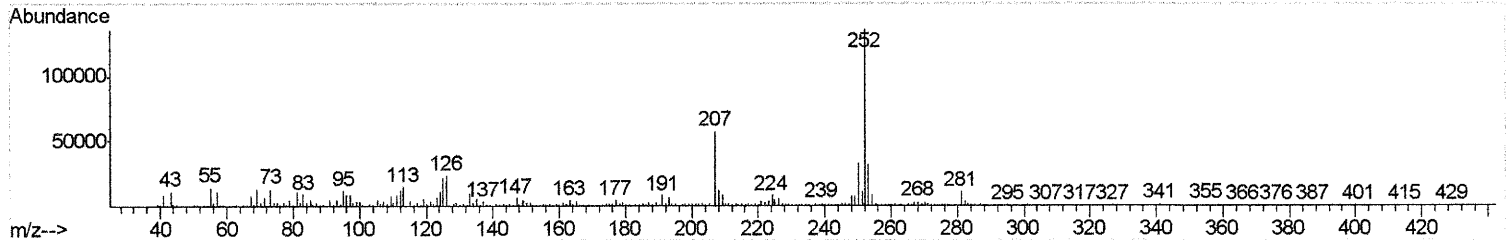
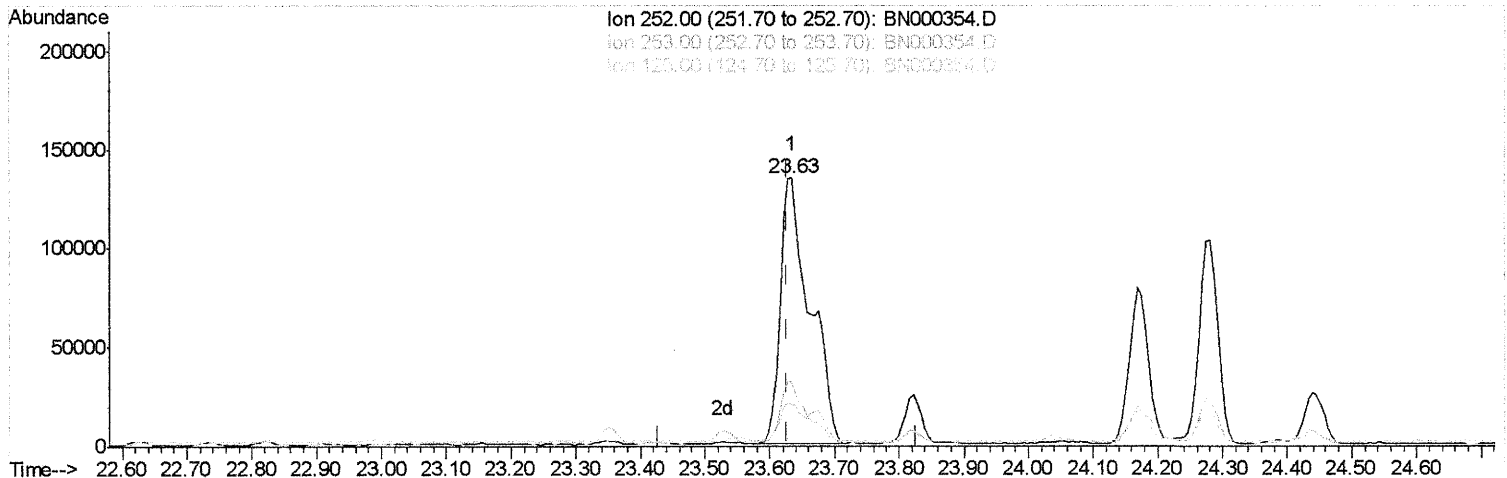
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
 Data File : BN000354.D  
 Acq On : 13 Mar 2018 18:08  
 Operator : JU/SJ  
 Sample : J1845-22  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAMD8

Manual Integrations  
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TIC: BN000354.D

(23) Benzo(b)fluoranthene  
 23.633min (+0.006) 6.59ng/ul  
 response 427622  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 23.63  |
| 125.00 | 10.00 | 16.13# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

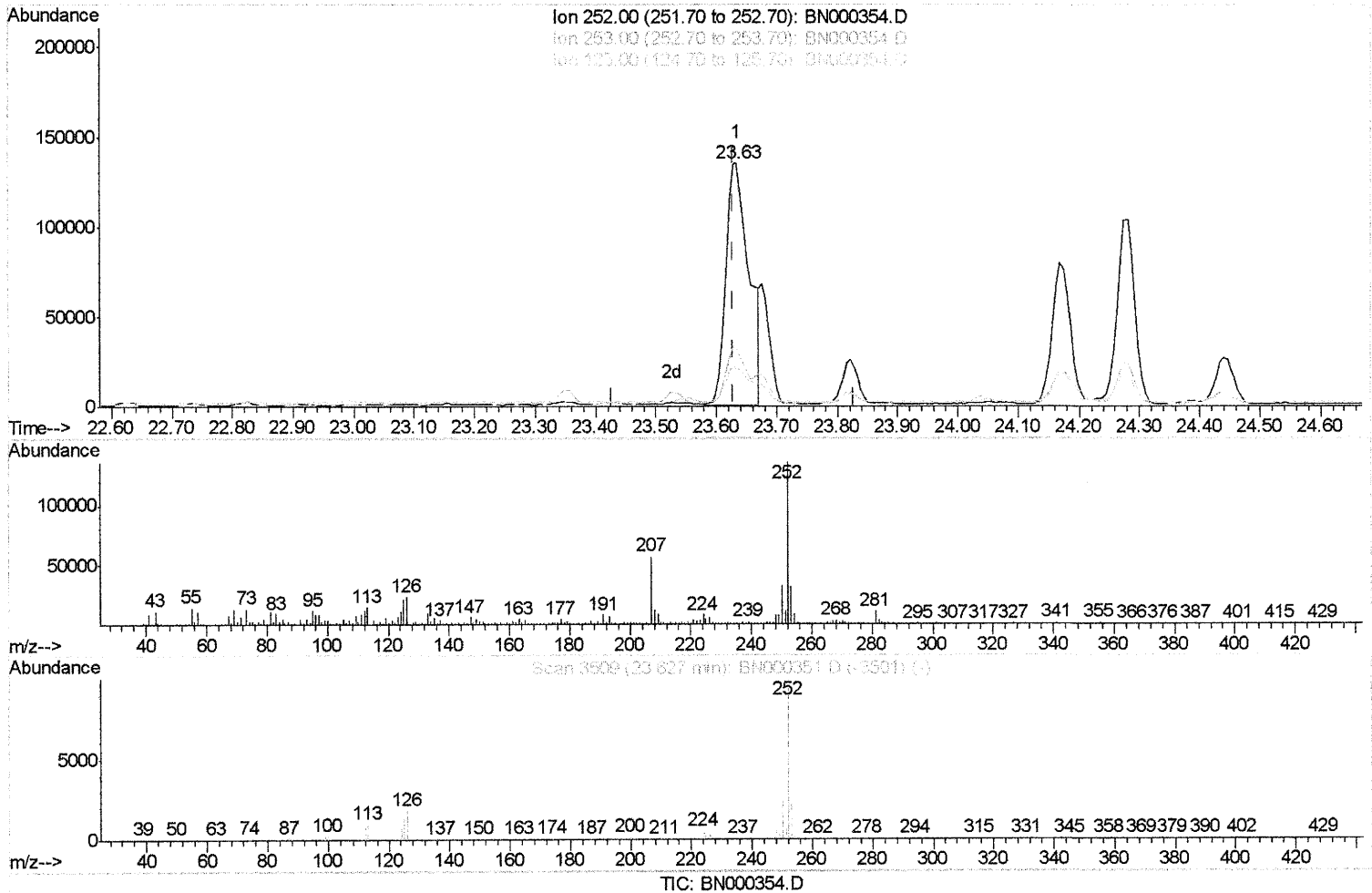
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
 Data File : BN000354.D  
 Acq On : 13 Mar 2018 18:08  
 Operator : JU/SJ  
 Sample : J1845-22  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAMD8

Manual Integrations  
 APPROVED

Sohil  
 3/14/2018 5:46:10 PM

Quant Time: Mar 14 08:13:27 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 14 08:11:44 2018  
 Response via : Initial Calibration



(23) Benzo(b)fluoranthene

23.633min (+0.006) 5.50ng/ul m

SJ 3/14/18

response 356933

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 23.63  |
| 125.00 | 10.00 | 16.13# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

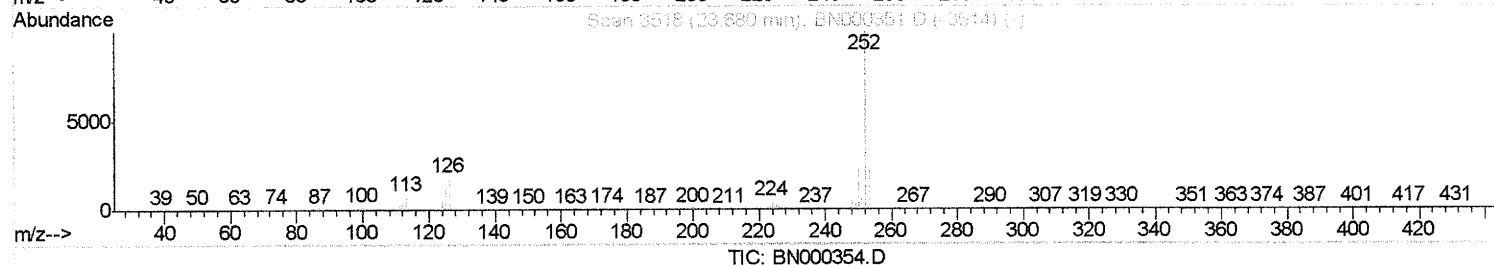
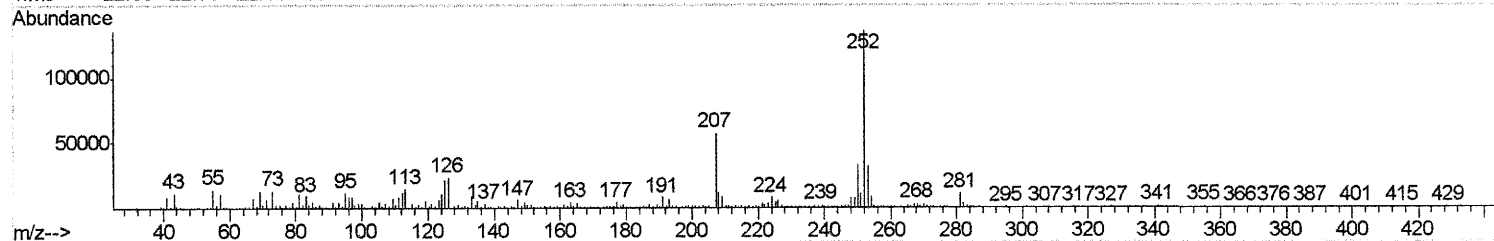
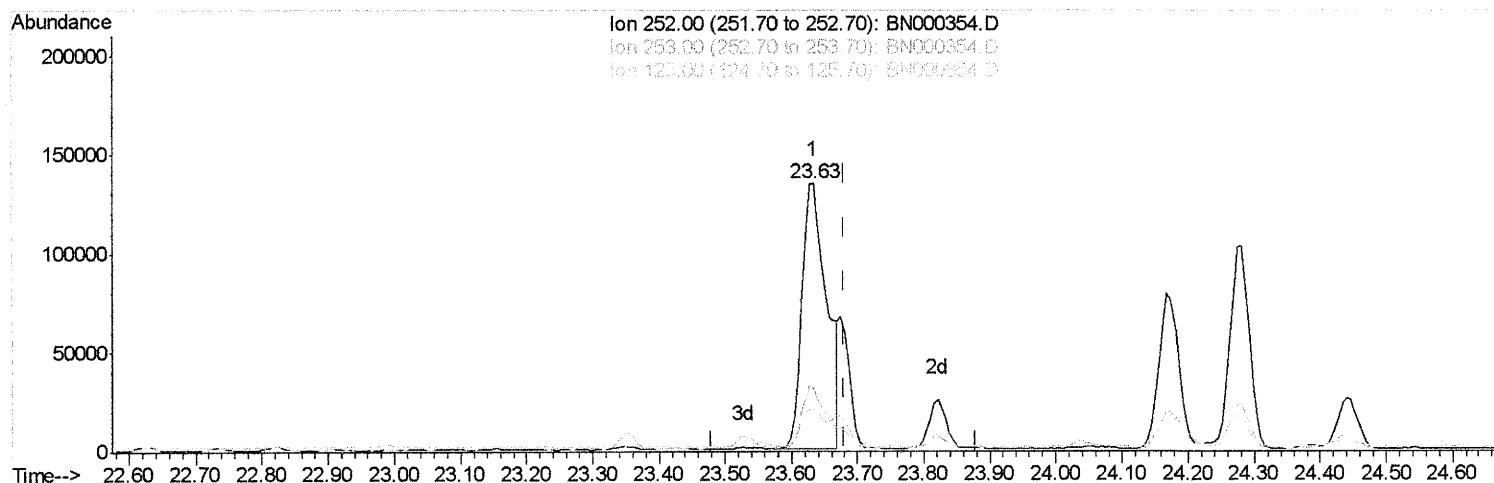
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
 Data File : BN000354.D  
 Acq On : 13 Mar 2018 18:08  
 Operator : JU/SJ  
 Sample : J1845-22  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAMD8

Manual Integrations  
 APPROVED

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(24) Benzo(k)fluoranthene

23.633min (-0.047) 5.81ng/ul

response 353212

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 23.63  |
| 125.00 | 10.10 | 16.13# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

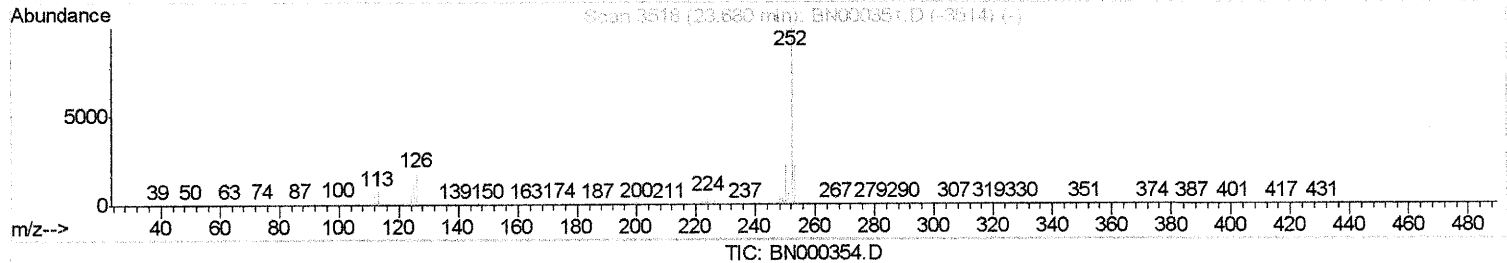
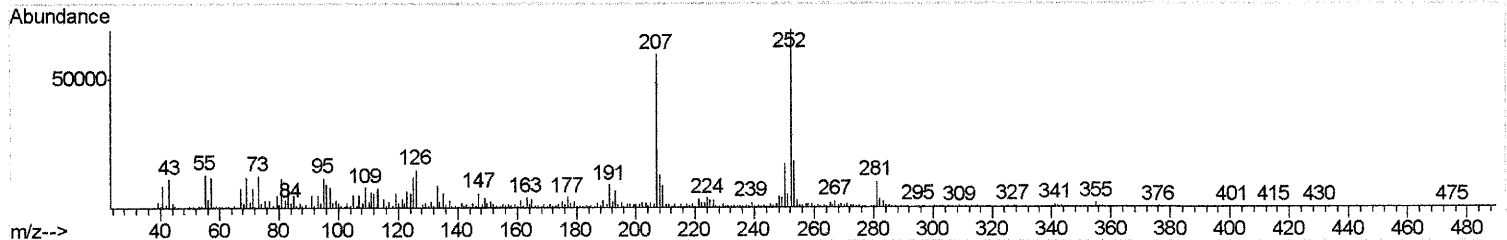
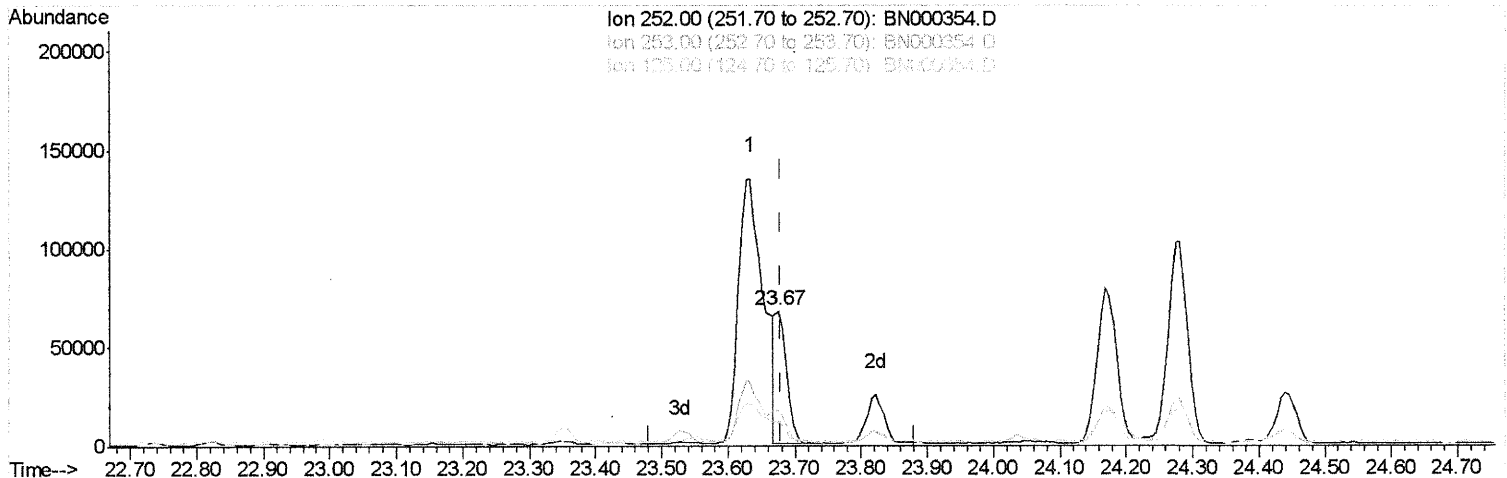
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
 Data File : BN000354.D  
 Acq On : 13 Mar 2018 18:08  
 Operator : JU/SJ  
 Sample : J1845-22  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAMD8

Manual Integrations  
 APPROVED

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 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.674min (-0.006) 1.21ng/ul m

SJ 3/14/18

response 73320

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 26.45  |
| 125.00 | 10.10 | 17.65# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (QT Reviewed)

Instrument :  
BNA\_N  
Client Sampled :  
DAMD8

Manual Integrations  
APPROVED

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3/14/2018 5:46:10 PM

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
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Operator : JU/SJ  
Sample : J1845-22  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.45  | 152  | 173127   | 20.00 | nq/ul | 0.00     |
| 2) Naphthalene-d8         | 11.29 | 136  | 828074   | 20.00 | nq/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.06 | 164  | 469312   | 20.00 | nq/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.79 | 188  | 1078838  | 20.00 | nq/ul | 0.00     |
| 17) Chrysene-d12          | 21.90 | 240  | 1170551  | 20.00 | nq/ul | 0.00     |
| 22) Perylene-d12          | 24.39 | 264  | 1088393  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 14.76 | 160  | 1630340  | 35.00 | nq/ul | 0.00     |
| 10) Fluorene-d10            | 16.05 | 176  | 1076086  | 34.12 | nq/ul | 0.00     |
| 14) Anthracene-d10          | 17.88 | 188  | 1742114  | 34.56 | nq/ul | 0.00     |
| 18) Pvrene-d10              | 20.14 | 212  | 2031874  | 35.48 | nq/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.23 | 264  | 1706164  | 34.33 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 11.34 | 128  | 46707    | 1.069 | nq/ul  | 99     |
| 4) 2-Methylnaphthalene     | 12.92 | 142  | 42033    | 1.366 | nq/ul  | 98     |
| 5) 1-Methylnaphthalene     | 13.13 | 142  | 34235    | 1.109 | nq/ul  | 93     |
| 13) Phenanthrene           | 17.83 | 178  | 189775   | 3.067 | nq/ul  | 98     |
| 16) Fluoranthene           | 19.80 | 202  | 418222   | 6.256 | nq/ul# | 94     |
| 19) Pyrene                 | 20.16 | 202  | 377209   | 5.104 | nq/ul# | 89     |
| 20) Benzo(a)anthracene     | 21.89 | 228  | 254174m  | 3.493 | nq/ul  |        |
| 21) Chrysene               | 21.94 | 228  | 253686m  | 3.674 | nq/ul  |        |
| 23) Benzo(b)fluoranthene   | 23.63 | 252  | 356933m  | 5.500 | nq/ul  |        |
| 24) Benzo(k)fluoranthene   | 23.67 | 252  | 73320m   | 1.207 | nq/ul  |        |
| 26) Benzo(a)pyrene         | 24.28 | 252  | 207507   | 3.359 | nq/ul# | 91     |
| 27) Indeno(1,2,3-cd)pyrene | 26.95 | 276  | 133745   | 2.008 | nq/ul# | 83     |
| 29) Benzo(a,h,i)perylene   | 27.74 | 276  | 135537   | 2.437 | nq/ul# | 84     |

} SJ 3/14/18

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