

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\  
Data File : BN000397.D  
Acq On : 15 Mar 2018 04:26  
Operator : JU/SJ  
Sample : J1865-13  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

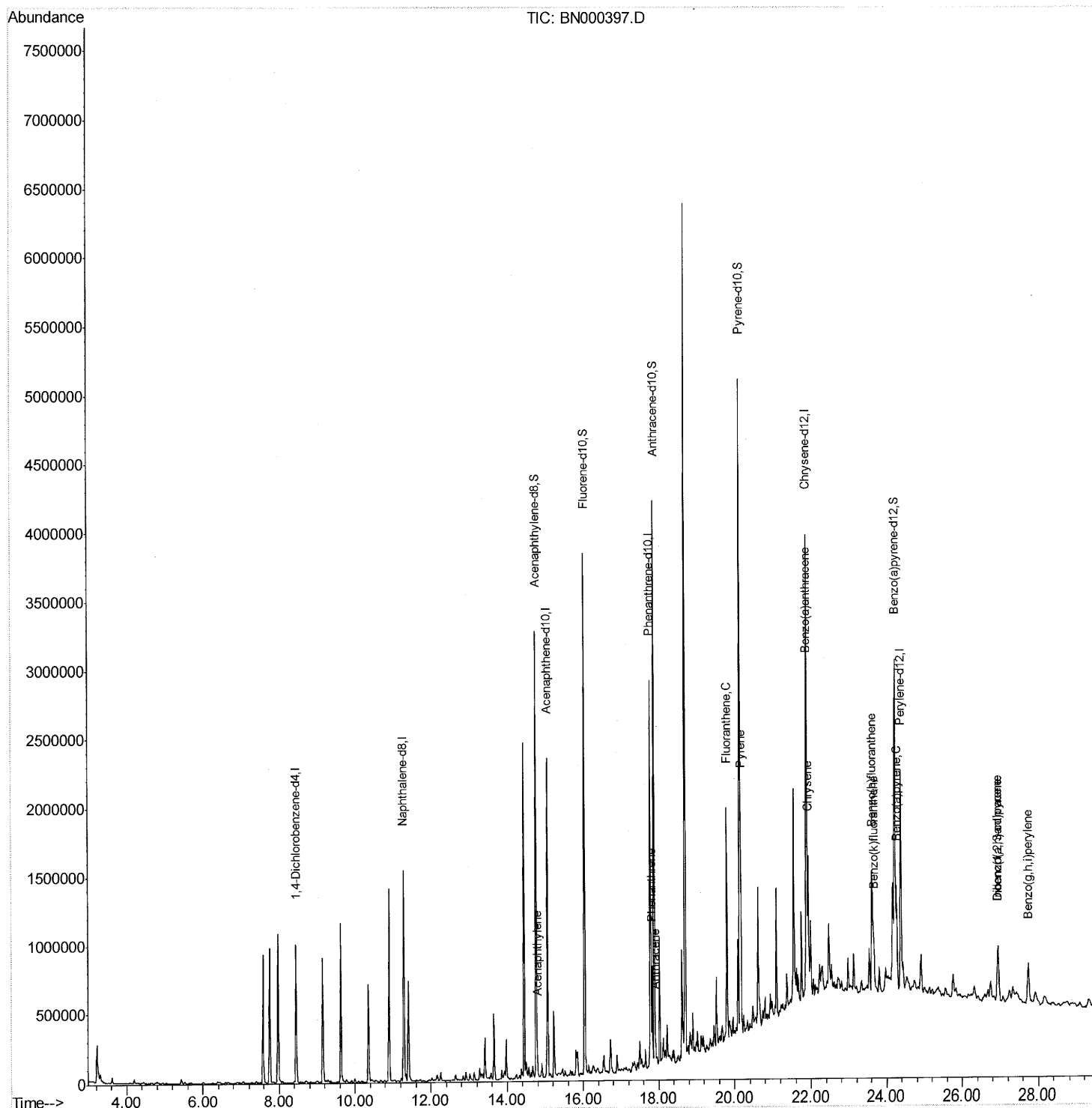
Instrument :  
BNA\_N  
ClientSampleId :  
DAMD9

Manual Integrations  
APPROVED

Sohil

3/15/2018 7:03:29 PM

Quant Time: Mar 15 08:07:37 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 15 07:55:46 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\  
Data File : BN000397.D  
Acq On : 15 Mar 2018 04:26  
Operator : JU/SJ  
Sample : J1865-13  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

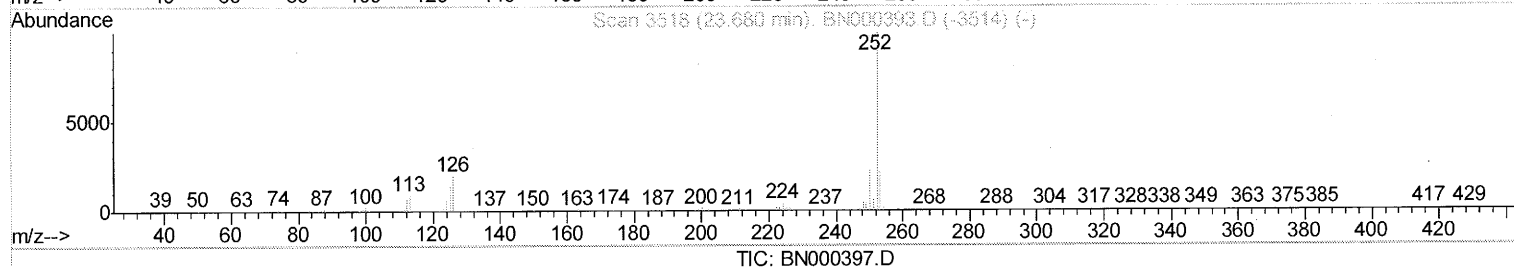
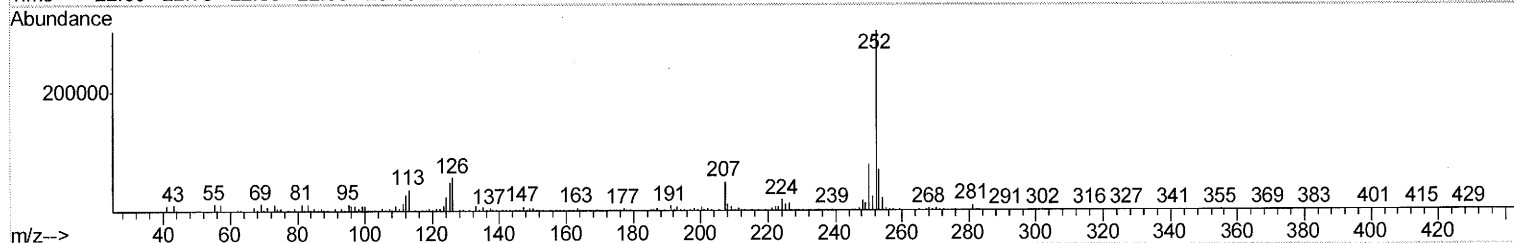
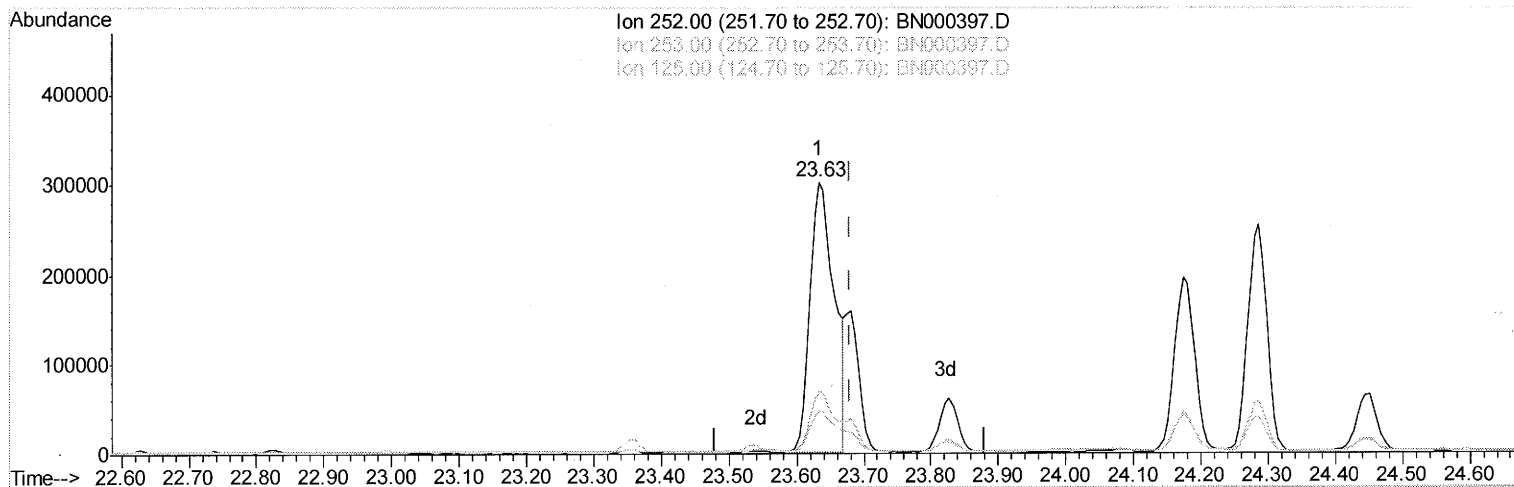
Instrument :  
BNA\_N  
ClientSampleId :  
DAMD9

Manual Integrations  
APPROVED

Sohil

3/15/2018 7:03:29 PM

Quant Time: Mar 15 07:58:09 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 15 07:55:46 2018  
Response via : Initial Calibration



(24) Benzo(k)fluoranthene  
23.633min (-0.047) 11.85ng/ul  
response 761479

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 22.76  |
| 125.00 | 10.10 | 15.89# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\  
 Data File : BN000397.D  
 Acq On : 15 Mar 2018 04:26  
 Operator : JU/SJ  
 Sample : J1865-13  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

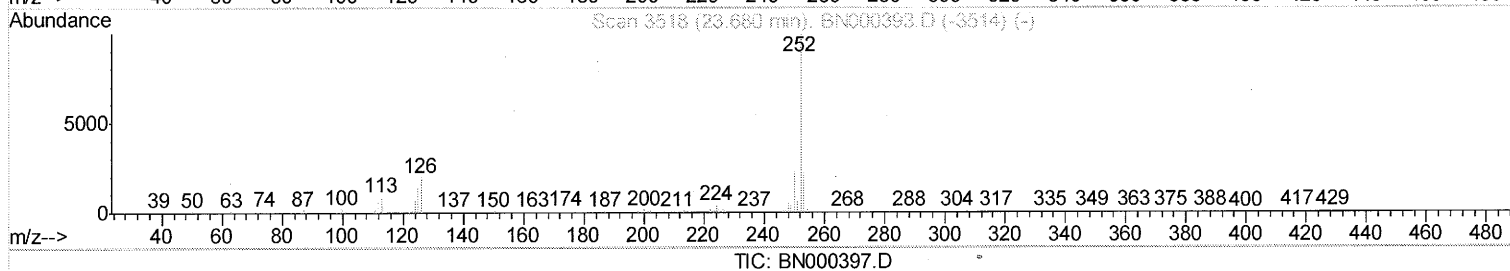
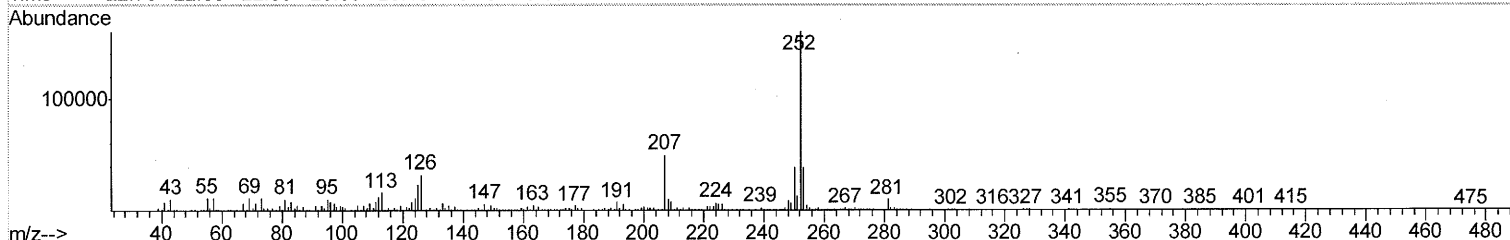
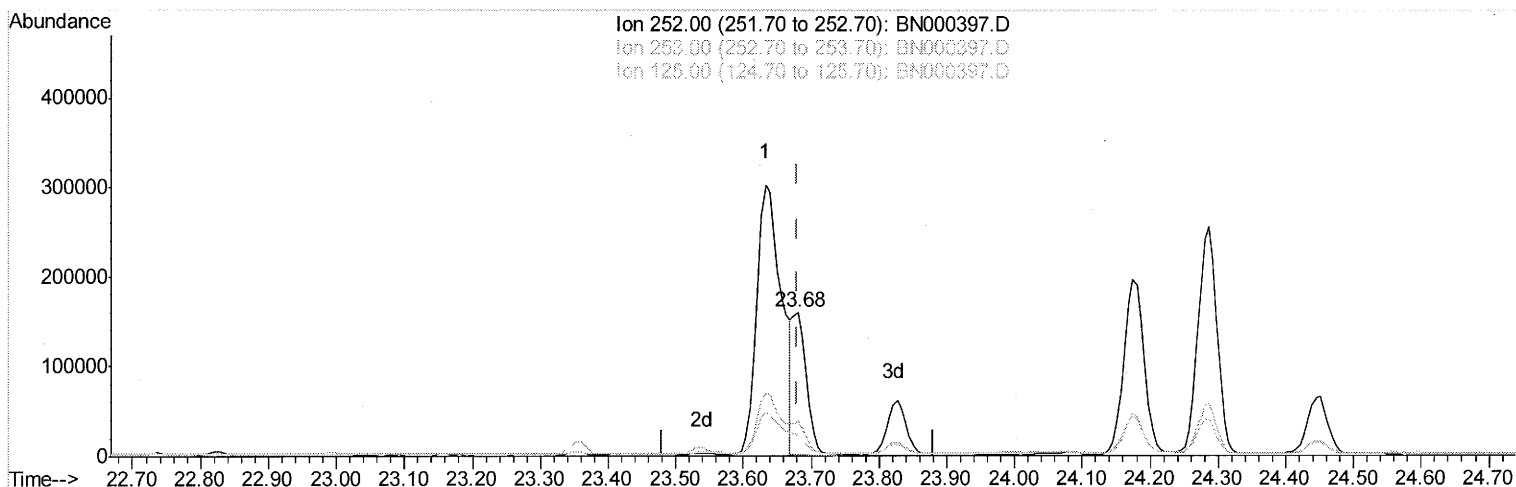
Instrument :  
 BNA\_N  
 Client Sampled :  
 DAMD9

Manual Integrations  
 APPROVED

Sohil

3/15/2018 7:03:29 PM

Quant Time: Mar 15 07:58:09 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 15 07:55:46 2018  
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.680min (-0.000) 3.53ng/ul m

response 226614

JU 3/16/18

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 23.89  |
| 125.00 | 10.10 | 14.77# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\  
 Data File : BN000397.D  
 Acq On : 15 Mar 2018 04:26  
 Operator : JU/SJ  
 Sample : J1865-13  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAMD9

Manual Integrations  
 APPROVED

Sohil

3/15/2018 7:03:29 PM

Quant Time: Mar 15 08:07:37 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 15 07:55:46 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.45  | 152  | 274329   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.29 | 136  | 1311966  | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.06 | 164  | 724296   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.79 | 188  | 1535291  | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.90 | 240  | 1275716  | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 24.39 | 264  | 1151645  | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 14.76 | 160  | 2218447  | 30.86  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 16.05 | 176  | 1445032  | 29.68  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.89 | 188  | 2162996  | 30.15  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 20.14 | 212  | 2238034  | 35.86  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.24 | 264  | 1608448  | 30.58  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Ovalue |          |
| 8) Acenaphthylene           | 14.79 | 152  | 72423    | 1.003  | ng/ul  | 98       |
| 13) Phenanthrene            | 17.83 | 178  | 303534   | 3.447  | ng/ul  | 99       |
| 15) Anthracene              | 17.92 | 178  | 94545    | 1.058  | ng/ul  | 98       |
| 16) Fluoranthene            | 19.80 | 202  | 920081   | 9.672  | ng/ul# | 92       |
| 19) Pyrene                  | 20.17 | 202  | 837921   | 10.403 | ng/ul# | 91       |
| 20) Benzo(a)anthracene      | 21.89 | 228  | 501831   | 6.328  | ng/ul  | 98       |
| 21) Chrysene                | 21.94 | 228  | 510545   | 6.784  | ng/ul  | 98       |
| 23) Benzo(b)fluoranthene    | 23.63 | 252  | 761479   | 11.088 | ng/ul# | 95       |
| 24) Benzo(k)fluoranthene    | 23.68 | 252  | 226614m  | 3.525  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 24.29 | 252  | 500189   | 7.653  | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.96 | 276  | 388827   | 5.518  | ng/ul# | 84       |
| 28) Dibenzo(a,h)anthracene  | 26.96 | 278  | 111202   | 1.925  | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 27.76 | 276  | 363576   | 6.179  | ng/ul# | 91       |

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

JU 3/16/18