

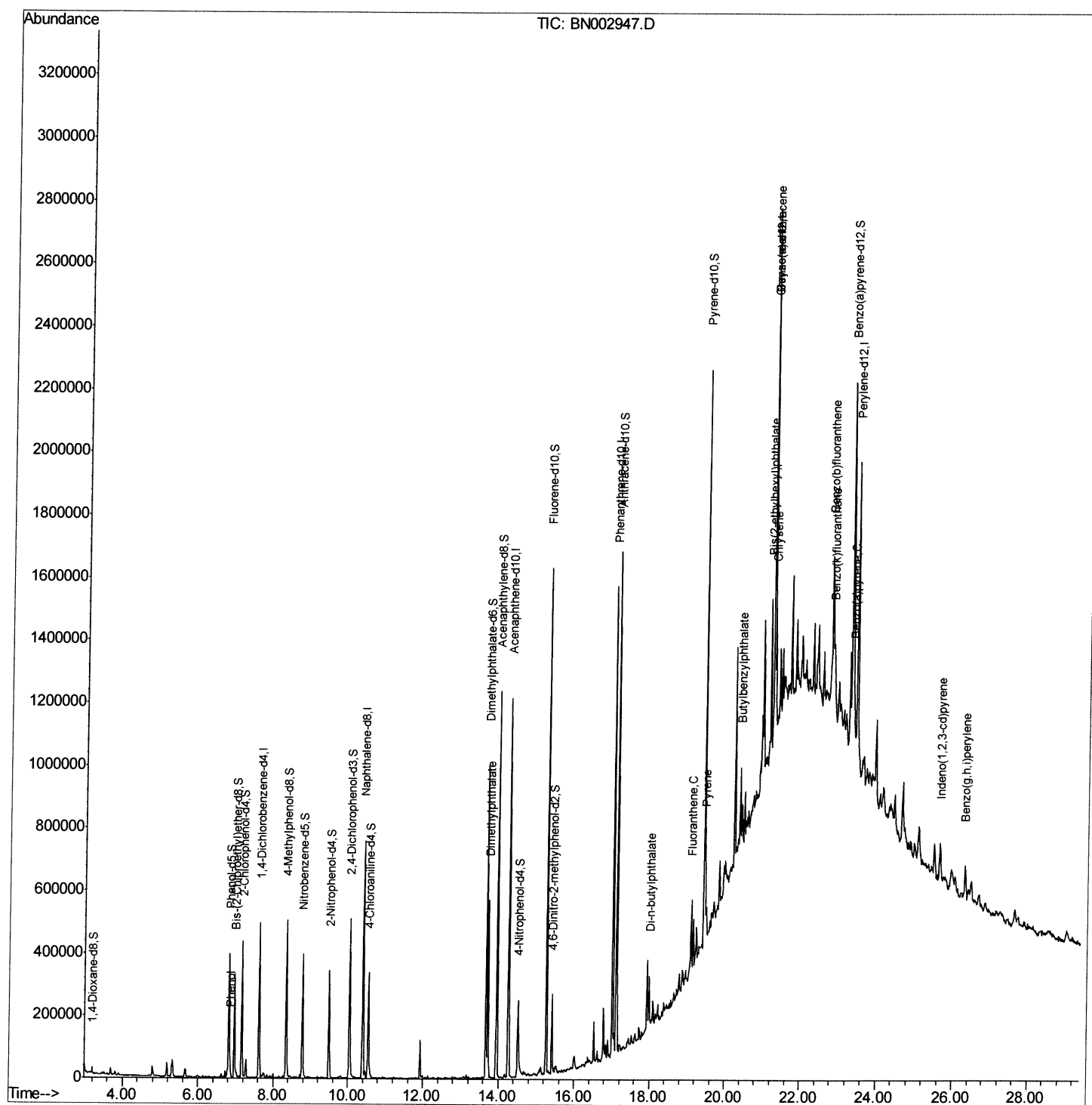
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN100518\  
Data File : BN002947.D  
Acq On : 04 Oct 2018 23:42  
Operator : MJ/SJ  
Sample : J5184-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLC20

Manual Integrations  
APPROVED

Sohil  
10/5/2018 5:30:08 PM

Quant Time: Oct 05 04:29:47 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 05 02:27:06 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

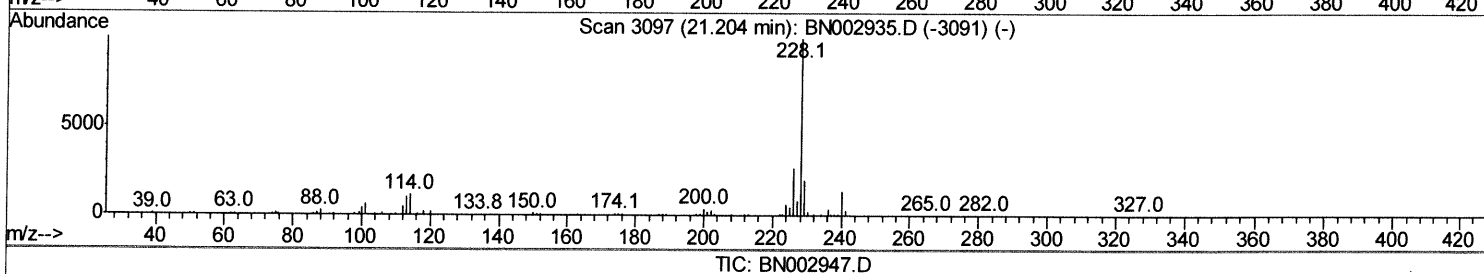
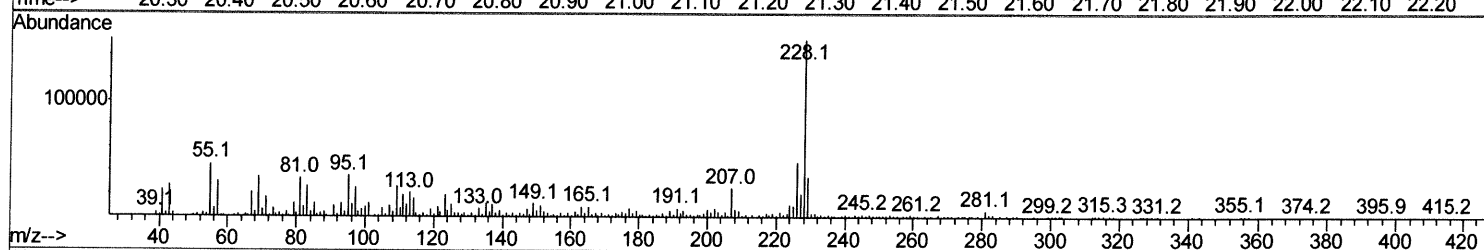
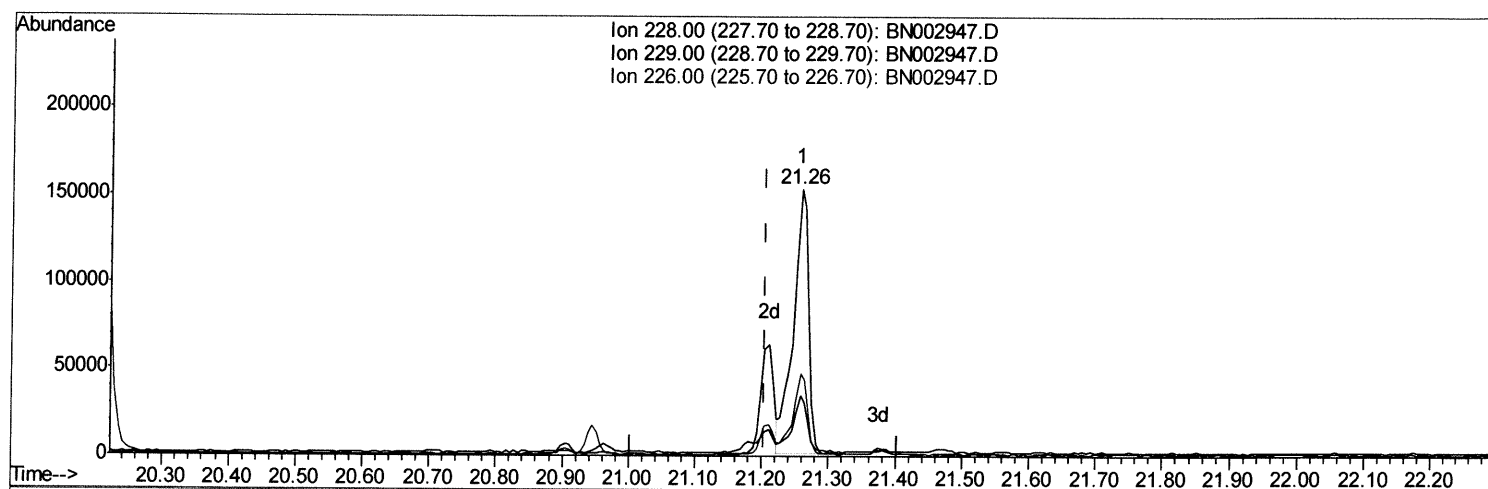
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100518\  
Data File : BN002947.D  
Acq On : 04 Oct 2018 23:42  
Operator : MJ/SJ  
Sample : J5184-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLC20

Manual Integrations  
APPROVED

Sohil  
10/5/2018 5:30:08 PM

Quant Time: Oct 05 02:28:56 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 05 02:27:06 2018  
Response via : Initial Calibration



(82) Benzo(a)anthracene

21.257min (+0.053) 5.34ng/ul

response 241866

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.70 | 22.84 |
| 226.00 | 26.10 | 30.78 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

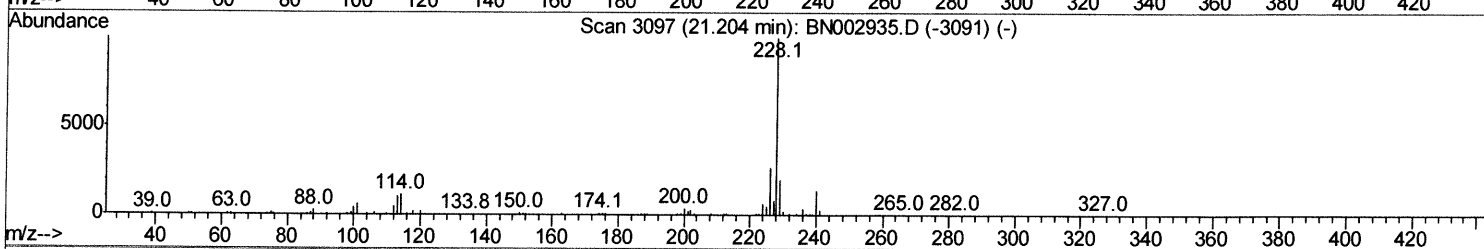
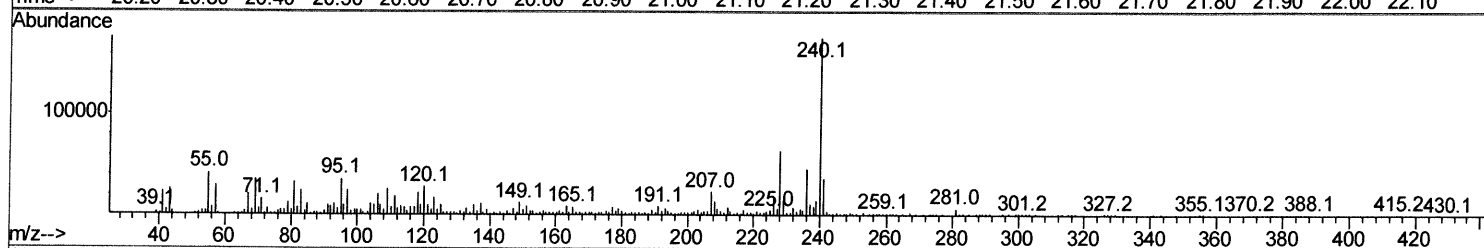
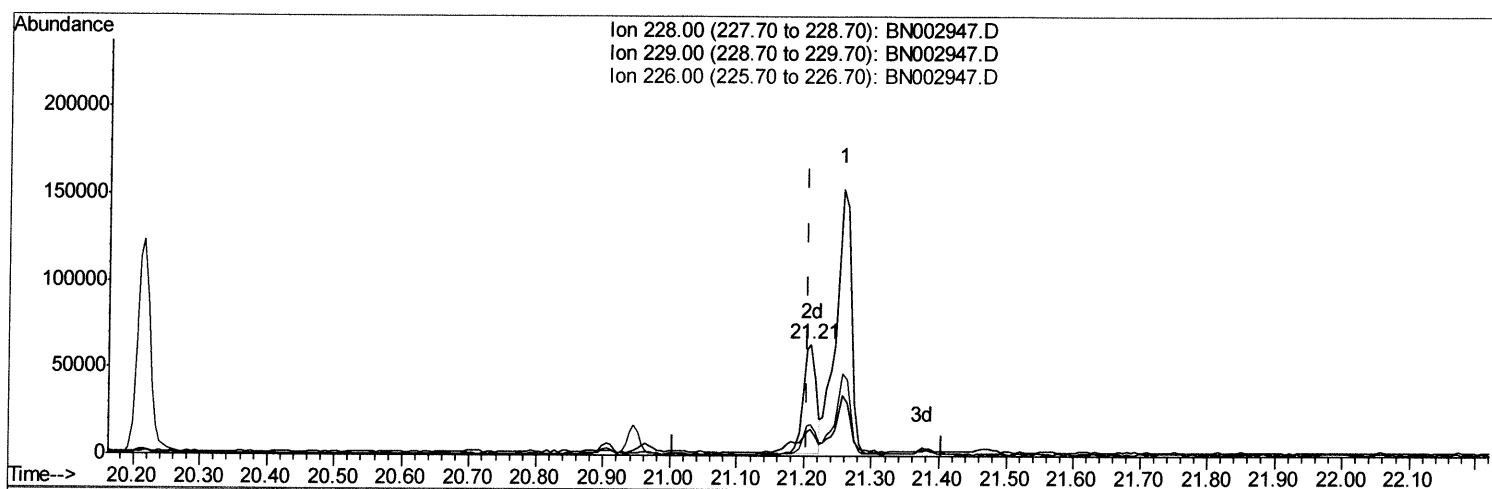
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100518\  
Data File : BN002947.D  
Acq On : 04 Oct 2018 23:42  
Operator : MJ/SJ  
Sample : J5184-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLC20

Manual Integrations  
APPROVED

Sohil  
10/5/2018 5:30:08 PM

Quant Time: Oct 05 02:28:56 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 05 02:27:06 2018  
Response via : Initial Calibration



TIC: BN002947.D

(82) Benzo(a)anthracene

21.210min (+0.006) 1.84ng/ul m

response 83469

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.70 | 23.66# |
| 226.00 | 26.10 | 28.68  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

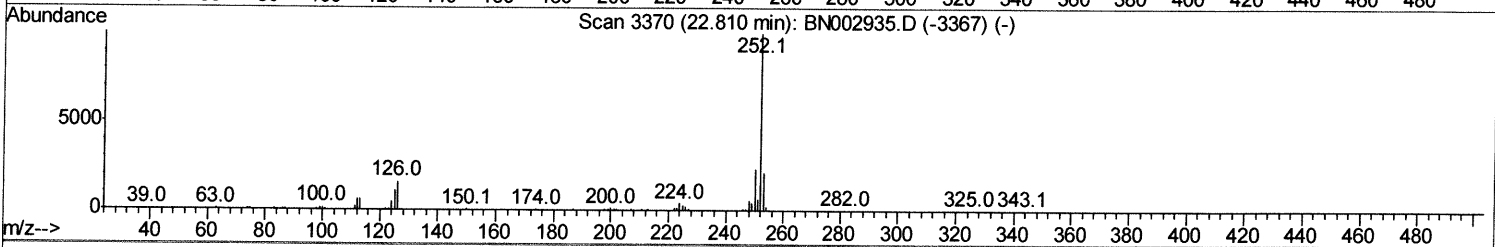
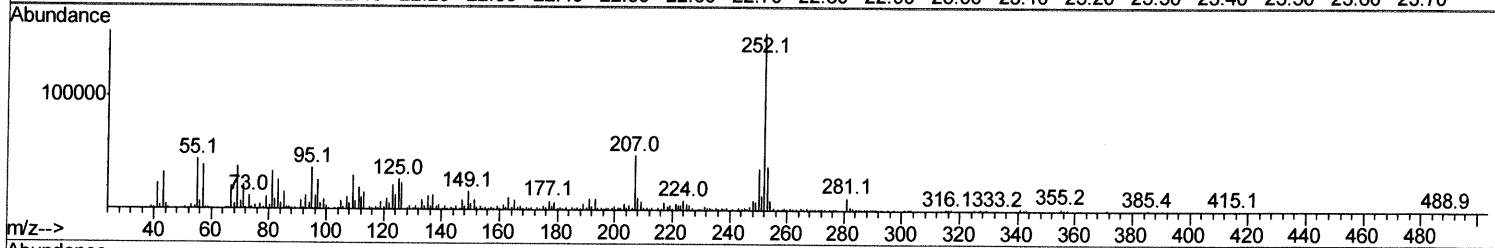
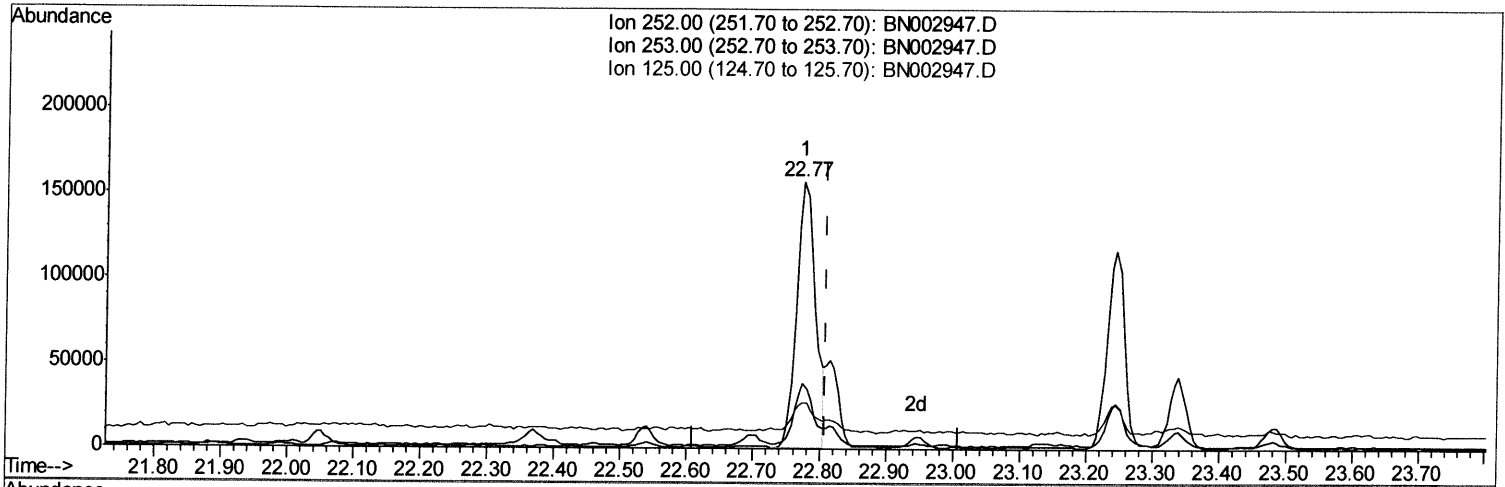
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100518\  
 Data File : BN002947.D  
 Acq On : 04 Oct 2018 23:42  
 Operator : MJ/SJ  
 Sample : J5184-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 JLC20

**Manual Integrations**  
**APPROVED**

Sohil  
 10/5/2018 5:30:08 PM

Quant Time: Oct 05 02:28:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 05 02:27:06 2018  
 Response via : Initial Calibration



TIC: BN002947.D

(88) Benzo(k)fluoranthene

22.774min (-0.035) 8.57ng/ul

response 306164

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.30 | 24.78  |
| 125.00 | 10.40 | 17.23# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

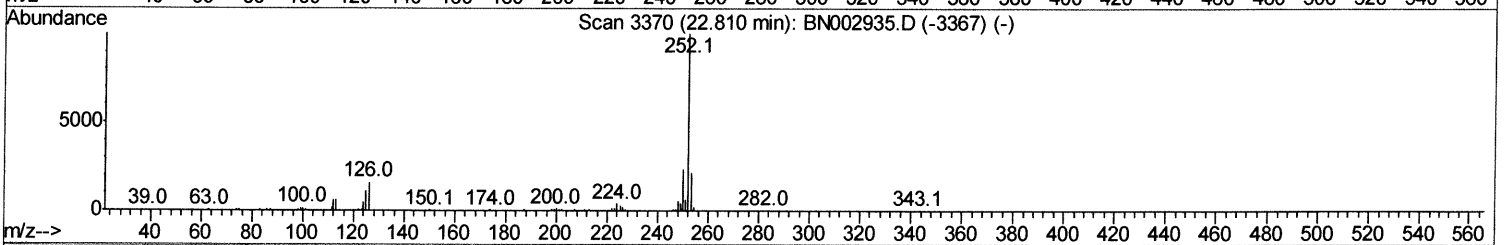
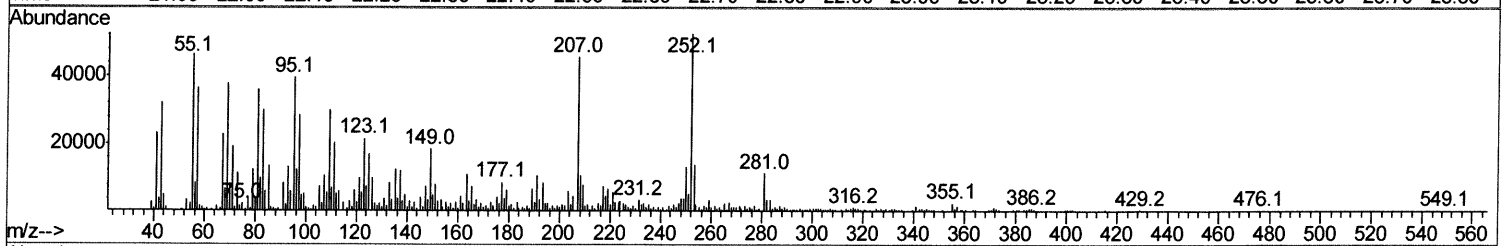
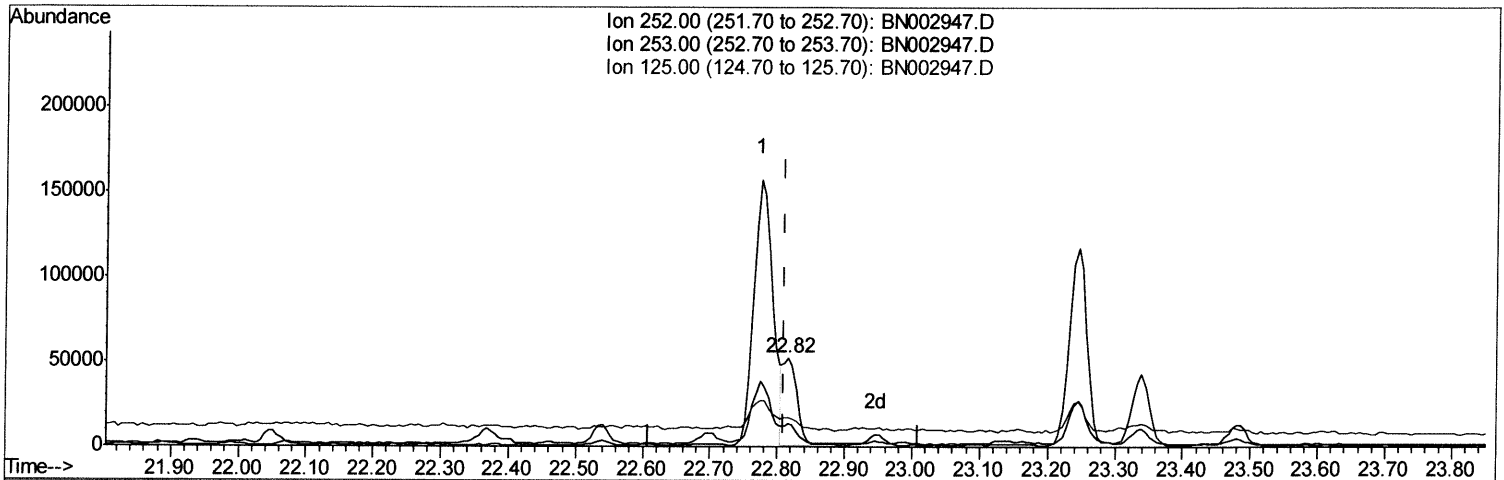
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100518\  
 Data File : BN002947.D  
 Acq On : 04 Oct 2018 23:42  
 Operator : MJ/SJ  
 Sample : J5184-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 JLC20

Manual Integrations  
 APPROVED

Sohil  
 10/5/2018 5:30:08 PM

Quant Time: Oct 05 02:28:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 05 02:27:06 2018  
 Response via : Initial Calibration



TIC: BN002947.D

(88) Benzo(k)fluoranthene

22.816min (+0.006) 2.04ng/ul m *5/10/10/18*

response 72725

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.30 | 26.28  |
| 125.00 | 10.40 | 32.84# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\  
 Data File : BN002947.D  
 Acq On : 04 Oct 2018 23:42  
 Operator : MJ/SJ  
 Sample : J5184-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 JLC20

Manual Integrations  
 APPROVED

Sohil  
 10/5/2018 5:30:08 PM

Quant Time: Oct 05 04:29:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 05 02:27:06 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 140100   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 655648   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 401261   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 880404   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.22 | 240  | 727749   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.43 | 264  | 626668   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 9643   | 3.18  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 258628 | 21.74 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67  | 151365 | 20.49 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.16  | 132 | 212681 | 21.72 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 210092 | 22.80 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 104406 | 20.56 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 123213 | 21.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 221976 | 21.40 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 220362 | 18.36 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.68 | 166 | 687507 | 21.89 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 890597 | 21.72 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.51 | 143 | 96751  | 18.63 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.26 | 176 | 616442 | 22.40 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 60743  | 11.03 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.12 | 188 | 908168 | 21.61 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.42 | 212 | 924840 | 24.08 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.29 | 264 | 725410 | 21.99 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| 6) Phenol                      | 6.85  | 94  | 17857  | 1.488  | ng/ul  | 96  |
| 44) Dimethylphthalate          | 13.73 | 163 | 379242 | 12.371 | ng/ul  | 99  |
| 75) Di-n-butylphthalate        | 17.99 | 149 | 123464 | 2.438  | ng/ul  | 99  |
| 76) Fluoranthene               | 19.09 | 202 | 126230 | 2.439  | ng/ul  | 99  |
| 79) Pyrene                     | 19.45 | 202 | 141431 | 2.939  | ng/ul  | 98  |
| 80) Butylbenzylphthalate       | 20.36 | 149 | 70240  | 3.508  | ng/ul  | 97  |
| 82) Benzo(a)anthracene         | 21.21 | 228 | 83469m | 1.844  | ng/ul  |     |
| 83) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 167042 | 5.747  | ng/ul  | 100 |
| 84) Chrysene                   | 21.26 | 228 | 241866 | 5.700  | ng/ul  | 95  |
| 87) Benzo(b)fluoranthene       | 22.77 | 252 | 306164 | 8.000  | ng/ul# | 89  |
| 88) Benzo(k)fluoranthene       | 22.82 | 252 | 72725m | 2.037  | ng/ul  |     |
| 90) Benzo(a)pyrene             | 23.34 | 252 | 75309  | 2.081  | ng/ul# | 77  |
| 91) Indeno(1,2,3-cd)pyrene     | 25.64 | 276 | 100381 | 2.343  | ng/ul  | 98  |
| 93) Benzo(g,h,i)perylene       | 26.31 | 276 | 121316 | 3.388  | ng/ul  | 99  |

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

*SJ 10/10/18*  
*SJ 10/10/18*