

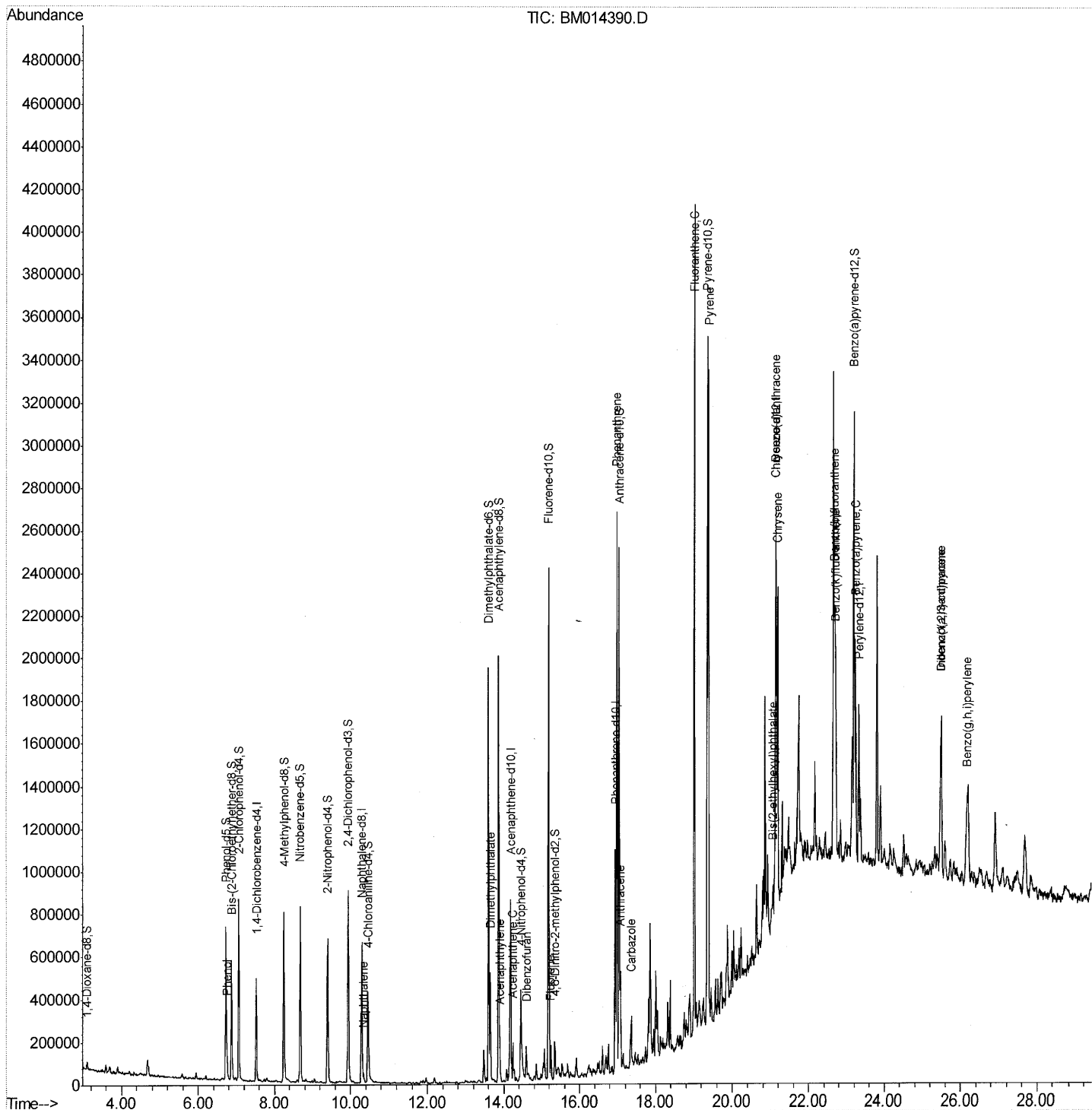
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\  
Data File : BM014390.D  
Acq On : 27 Feb 2018 19:38  
Operator : SJ/JU  
Sample : J1646-20  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
BE5Z8

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:59:24 PM

Quant Time: Feb 28 02:04:39 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 28 00:45:45 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

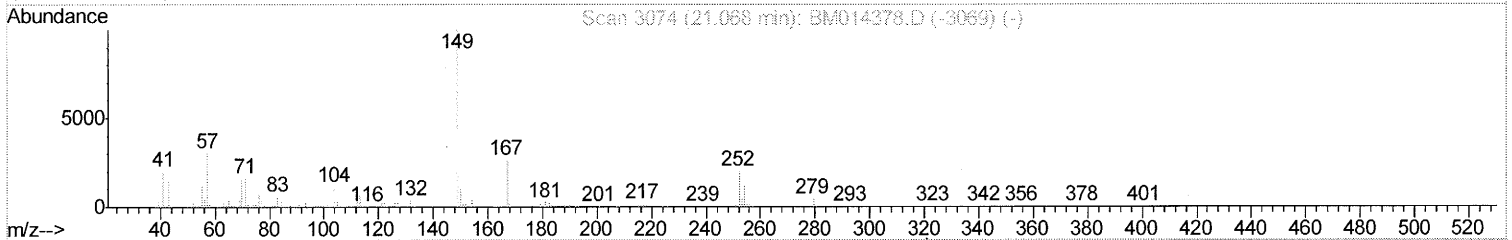
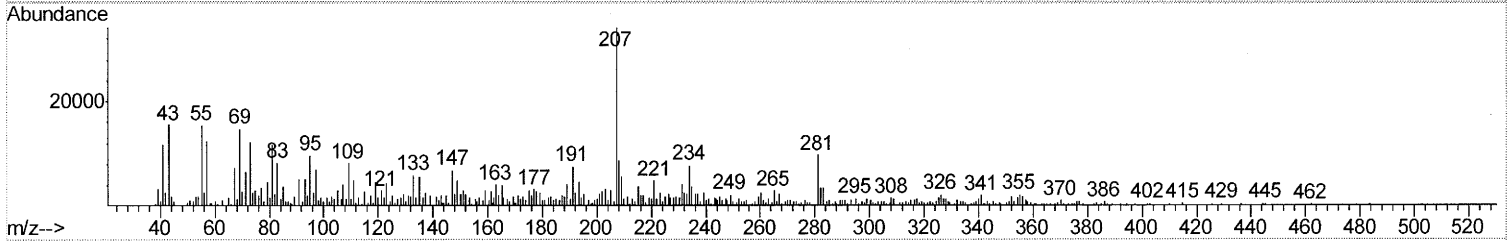
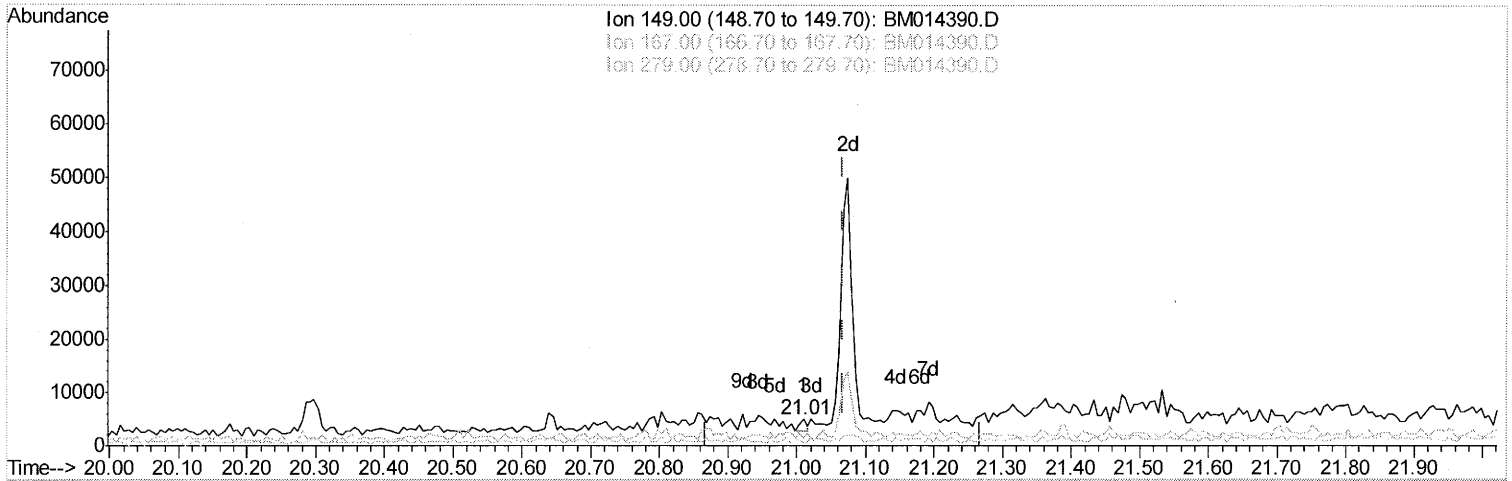
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\  
 Data File : BM014390.D  
 Acq On : 27 Feb 2018 19:38  
 Operator : SJ/JU  
 Sample : J1646-20  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE5Z8

Manual Integrations  
 APPROVED

Sohil  
 2/28/2018 1:59:24 PM

Quant Time: Feb 28 00:47:38 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 28 00:45:45 2018  
 Response via : Initial Calibration



TIC: BM014390.D

(81) Bis(2-ethylhexyl)phthalate

21.009min (-0.059) 0.07ng/ul

response 1427

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 149.00 | 100   | 100   |
| 167.00 | 28.50 | 29.10 |
| 279.00 | 6.10  | 7.13  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

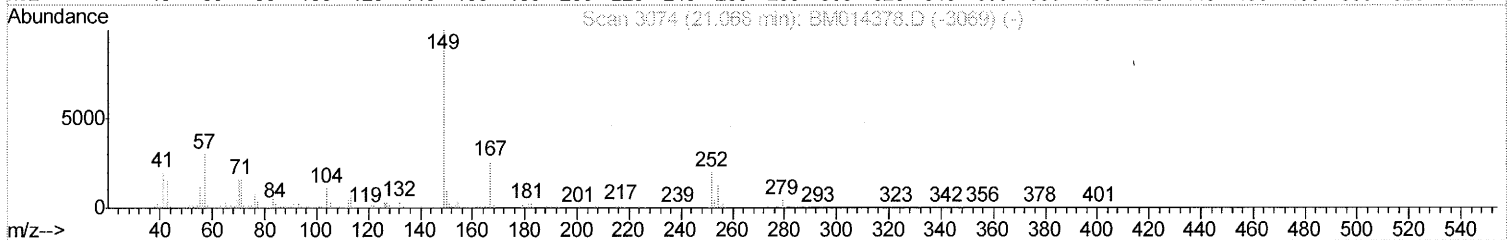
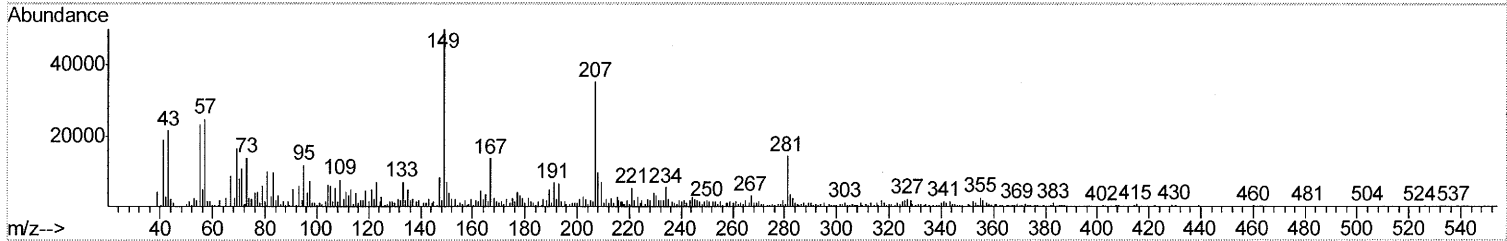
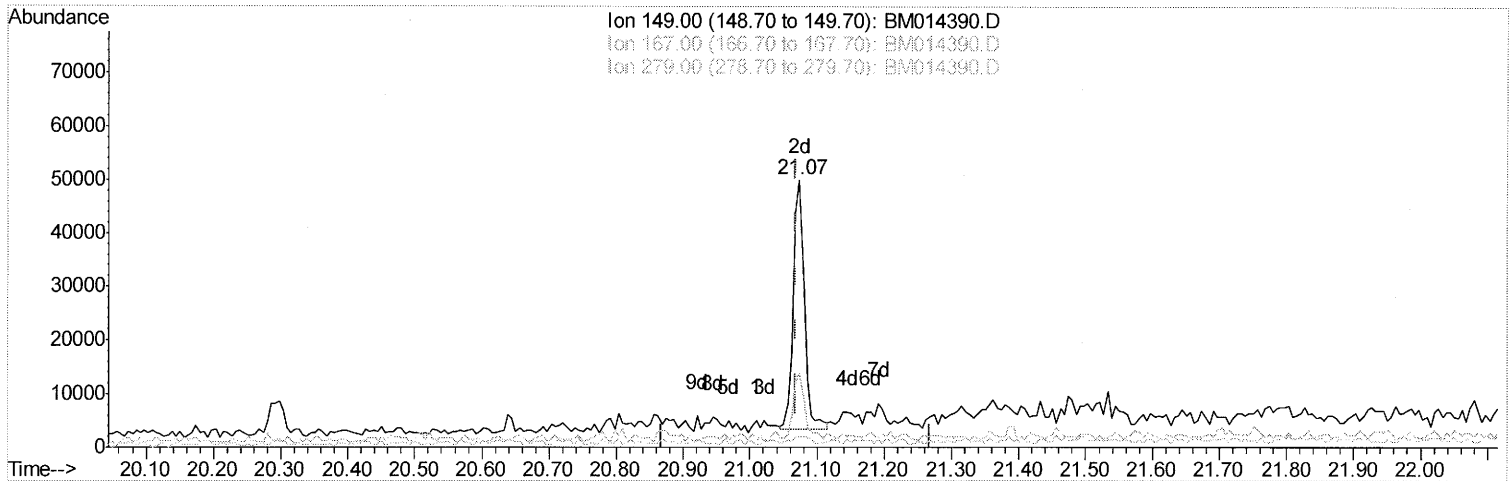
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\  
 Data File : BM014390.D  
 Acq On : 27 Feb 2018 19:38  
 Operator : SJ/JU  
 Sample : J1646-20  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 BE5Z8

Manual Integrations  
 APPROVED

Sohil  
 2/28/2018 1:59:24 PM

Quant Time: Feb 28 00:47:38 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 28 00:45:45 2018  
 Response via : Initial Calibration



TIC: BM014390.D

(81) Bis(2-ethylhexyl)phthalate

21.074min (+0.006) 2.79ng/ul m

response 53714

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 149.00 | 100   | 100   |
| 167.00 | 28.50 | 27.70 |
| 279.00 | 6.10  | 3.99# |
| 0.00   | 0.00  | 0.00  |

*Handwritten signature: praj 2/28/18*

# Quantitation Report (Qedit)

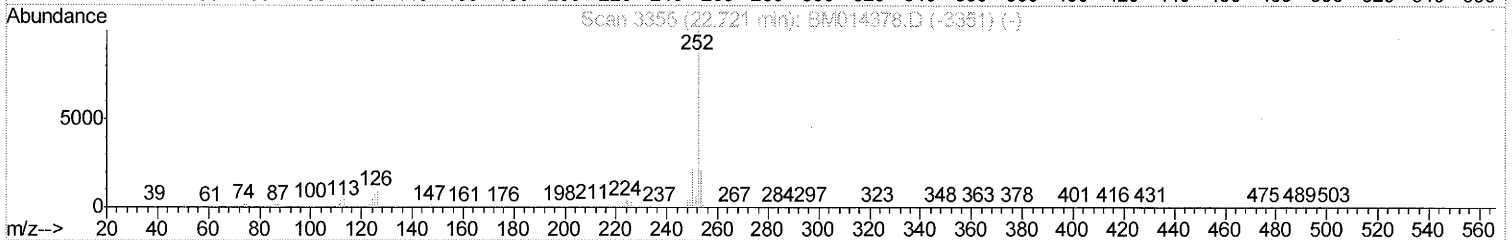
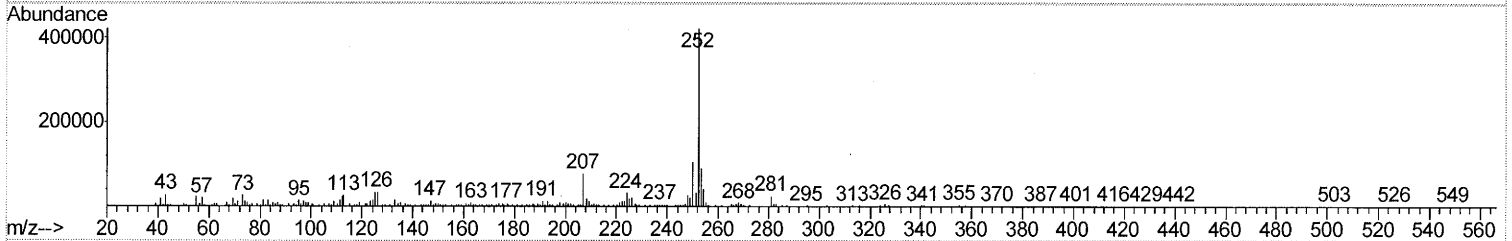
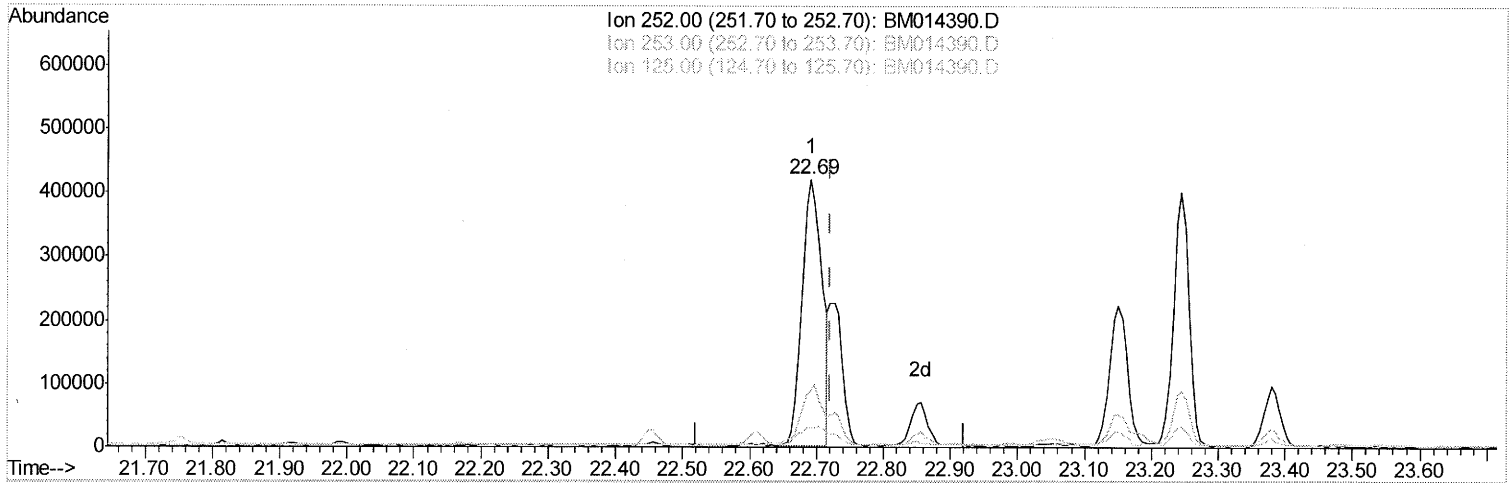
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\  
 Data File : BM014390.D  
 Acq On : 27 Feb 2018 19:38  
 Operator : SJ/JU  
 Sample : J1646-20  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE5Z8

Manual Integrations  
 APPROVED

Sohil  
 2/28/2018 1:59:24 PM

Quant Time: Feb 28 00:47:38 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 28 00:45:45 2018  
 Response via : Initial Calibration



TIC: BM014390.D

(86) Benzo(k)fluoranthene  
 22.692min (-0.029) 28.35ng/ul  
 response 871172  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 21.50 |
| 125.00 | 4.30  | 7.32# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

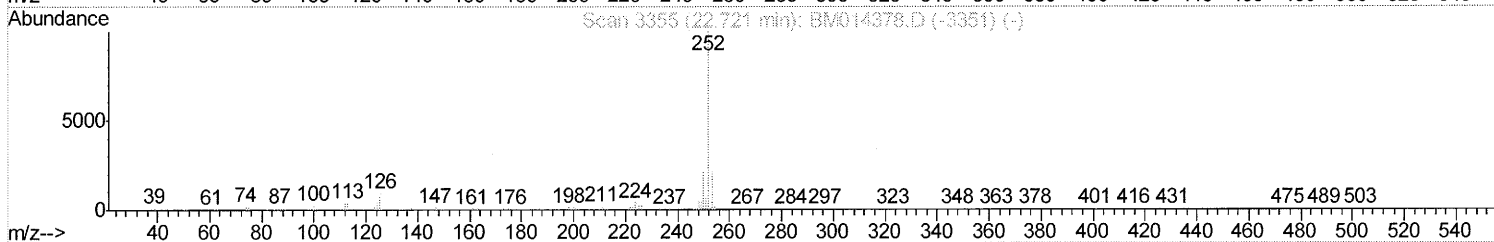
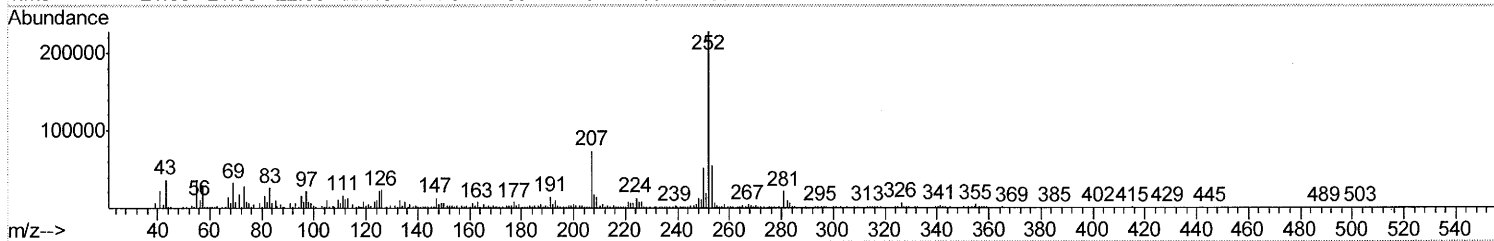
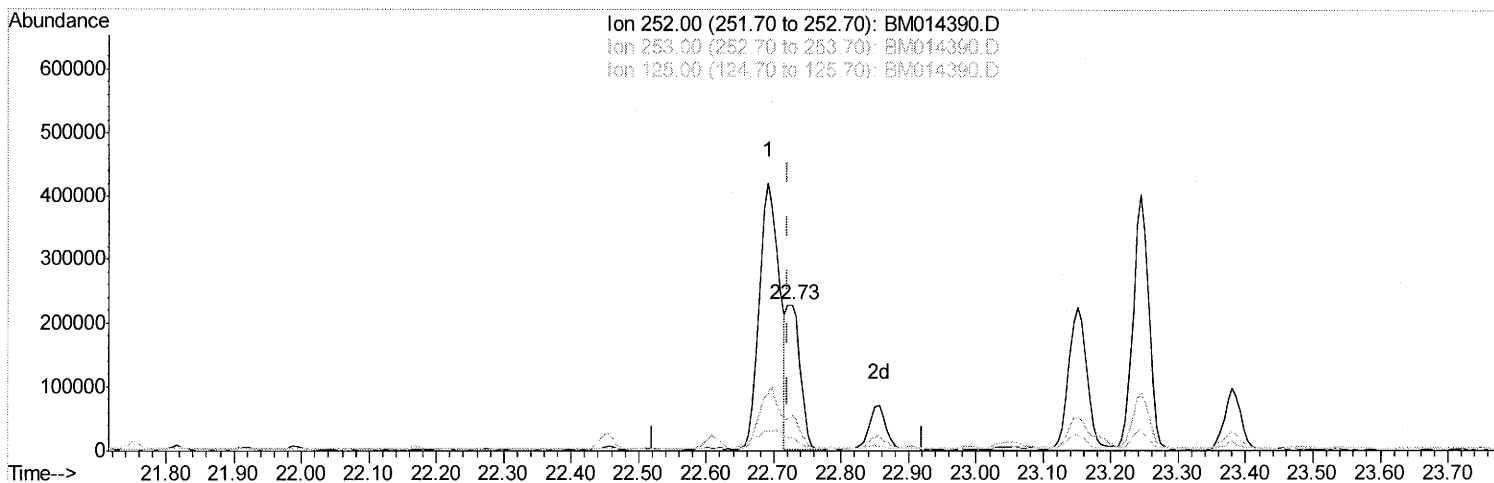
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\  
Data File : BM014390.D  
Acq On : 27 Feb 2018 19:38  
Operator : SJ/JU  
Sample : J1646-20  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BE5Z8

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:59:24 PM

Quant Time: Feb 28 00:47:38 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 28 00:45:45 2018  
Response via : Initial Calibration



TIC: BM014390.D

(86) Benzo(k)fluoranthene

22.727min (+0.006) 10.34ng/ul m

response 317659

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 24.27 |
| 125.00 | 4.30  | 9.55# |
| 0.00   | 0.00  | 0.00  |

*juon/28/18*

Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\  
 Data File : BM014390.D  
 Acq On : 27 Feb 2018 19:38  
 Operator : SJ/JU  
 Sample : J1646-20  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 BE5Z8

Manual Integrations  
 APPROVED

Sohil  
 2/28/2018 1:59:24 PM

Quant Time: Feb 28 02:04:39 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 28 00:45:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 108557   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.29 | 136  | 457265   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.18 | 164  | 258793   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.94 | 188  | 527505   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.16 | 240  | 489579   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.34 | 264  | 482620   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 17888   | 7.05  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.73  | 99  | 355570  | 38.76 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.87  | 67  | 227078  | 40.89 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.06  | 132 | 305152  | 43.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.25  | 113 | 260833  | 32.49 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.68  | 128 | 159686  | 47.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.39  | 143 | 175597  | 50.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.93  | 165 | 308170  | 42.54 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.46 | 131 | 244132  | 34.21 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.60 | 166 | 1001085 | 46.84 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.87 | 160 | 1246759 | 47.31 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 108385  | 36.73 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.19 | 176 | 816107  | 42.62 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 26533   | 8.38  | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.04 | 188 | 1213268 | 47.67 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.36 | 212 | 1273619 | 50.44 | ng/ul | 0.01 |
| 87) Benzo(a)pyrene-d12         | 23.20 | 264 | 1100057 | 46.83 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |         |        | Ovalue |    |
|--------------------------------|-------|-----|---------|--------|--------|----|
| 6) Phenol                      | 6.76  | 94  | 45322   | 4.707  | ng/ul# | 84 |
| 28) Naphthalene                | 10.35 | 128 | 31621   | 1.346  | ng/ul  | 97 |
| 44) Dimethylphthalate          | 13.65 | 163 | 265481  | 12.597 | ng/ul  | 97 |
| 47) Acenaphthylene             | 13.90 | 152 | 60289   | 2.420  | ng/ul# | 90 |
| 49) Acenaphthene               | 14.25 | 153 | 58188   | 3.318  | ng/ul  | 96 |
| 53) Dibenzofuran               | 14.59 | 168 | 50862   | 1.934  | ng/ul  | 98 |
| 58) Fluorene                   | 15.24 | 166 | 56749   | 2.499  | ng/ul# | 99 |
| 69) Phenanthrene               | 16.99 | 178 | 1362407 | 44.827 | ng/ul  | 99 |
| 71) Anthracene                 | 17.07 | 178 | 256930  | 8.406  | ng/ul  | 98 |
| 72) Carbazole                  | 17.36 | 167 | 129507  | 5.039  | ng/ul# | 93 |
| 74) Fluoranthene               | 19.02 | 202 | 2049978 | 56.456 | ng/ul# | 94 |
| 77) Pyrene                     | 19.39 | 202 | 1782665 | 54.790 | ng/ul# | 94 |
| 80) Benzo(a)anthracene         | 21.14 | 228 | 795844  | 26.047 | ng/ul  | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 53714m  | 2.788  | ng/ul  | 99 |
| 82) Chrysene                   | 21.19 | 228 | 748210  | 26.250 | ng/ul  | 98 |
| 85) Benzo(b)fluoranthene       | 22.69 | 252 | 871172  | 26.958 | ng/ul# | 97 |
| 86) Benzo(k)fluoranthene       | 22.73 | 252 | 317659m | 10.339 | ng/ul  | 97 |
| 88) Benzo(a)pyrene             | 23.24 | 252 | 647718  | 22.430 | ng/ul# | 98 |
| 89) Indeno(1,2,3-cd)pyrene     | 25.50 | 276 | 410660  | 14.655 | ng/ul  | 95 |
| 90) Dibenzo(a,h)anthracene     | 25.50 | 278 | 109071  | 4.684  | ng/ul# | 85 |
| 91) Benzo(g,h,i)perylene       | 26.17 | 276 | 311786  | 13.735 | ng/ul  | 97 |

Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\  
Data File : BM014390.D  
Acq On : 27 Feb 2018 19:38  
Operator : SJ/JU  
Sample : J1646-20  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BE5Z8

Manual Integrations  
APPROVED

Sohil  
2/28/2018 1:59:24 PM

Quant Time: Feb 28 02:04:39 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 28 00:45:45 2018  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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