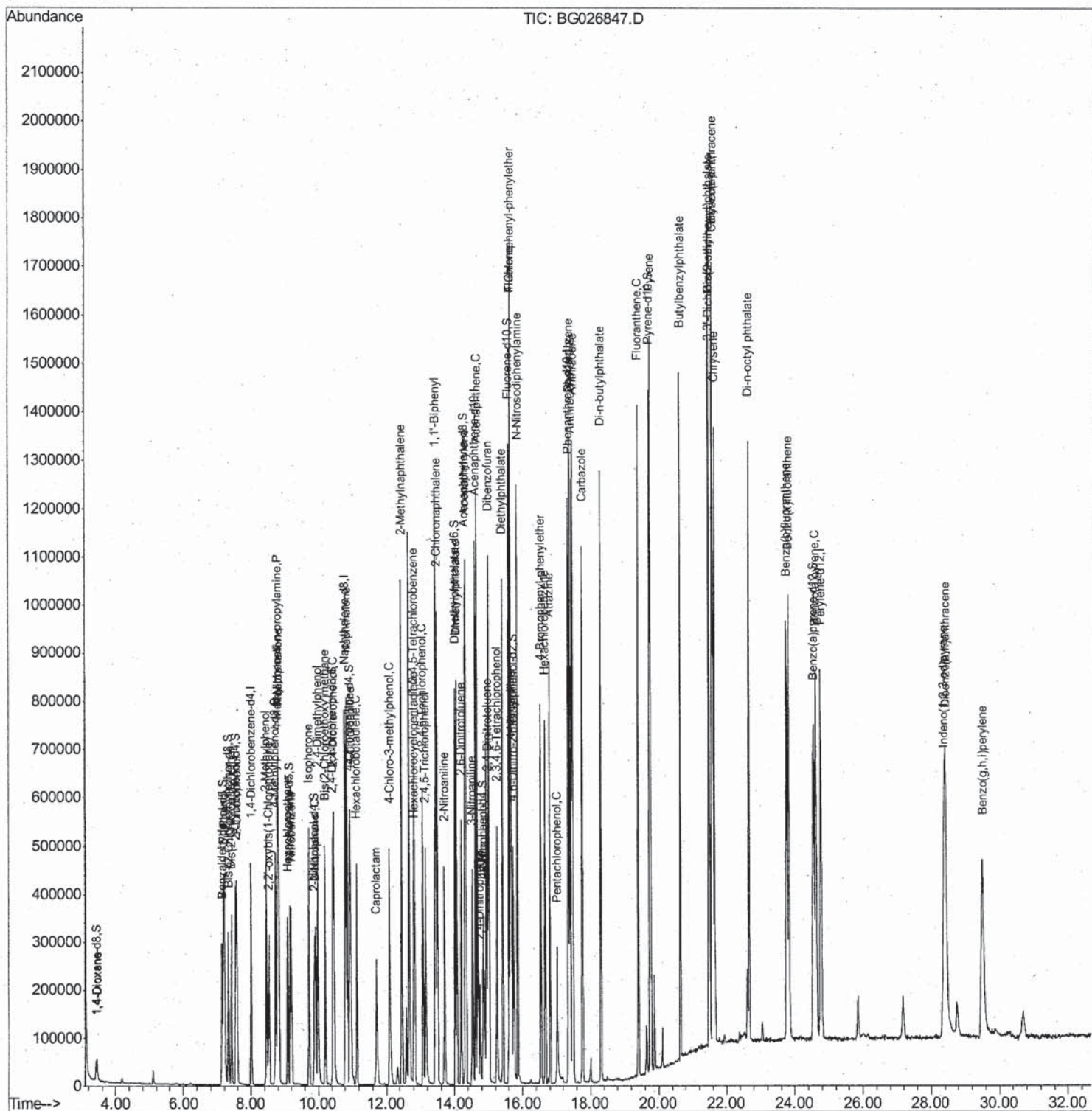


Quantitation Report (QT Reviewed)

ALS Vial : 2      Sample Multiplier: 1

Response via : Initial Calibration

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Data Path : Z:\HPCHEM1\BNA\_G\Data\BG050317\

Quantitation Report (Qedit)

Data File : BG026847.D

Acq On : 3 May 2017 12:06

Operator : SJ/MA

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 00:43:48 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration

Instrument :

BNA\_G

LabSampleId :

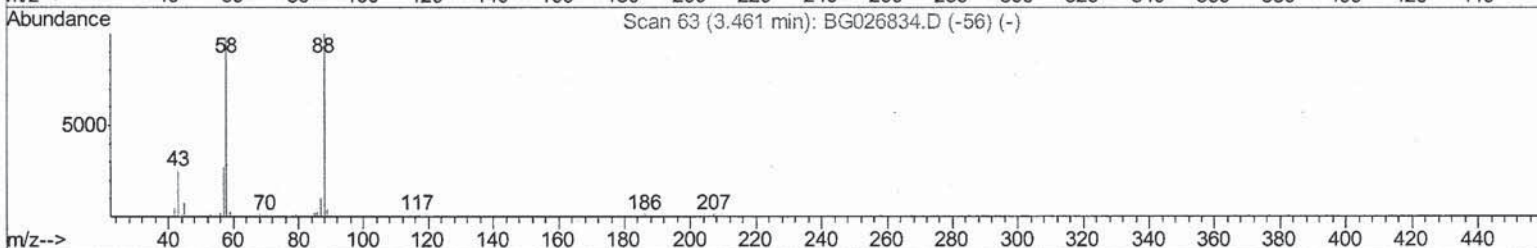
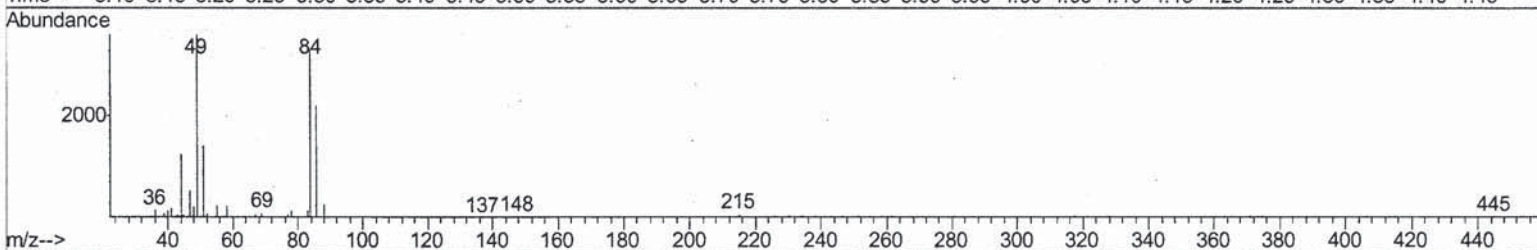
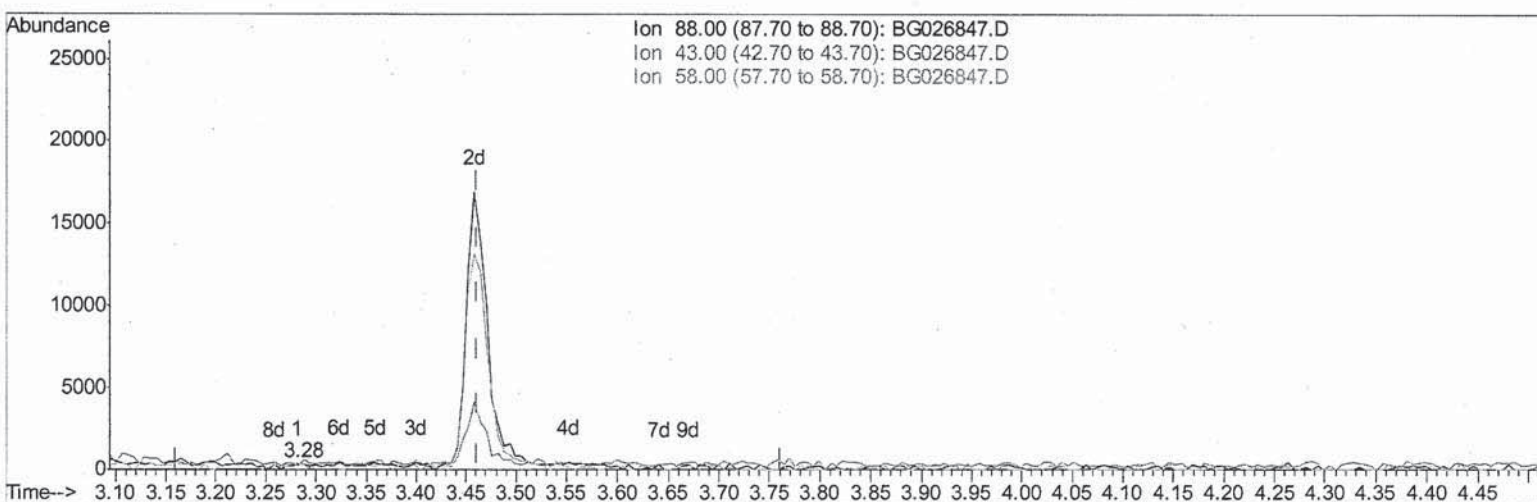
SSTD02072

Manual Integrations

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TIC: BG026847.D

(2) 1,4-Dioxane

3.282min (-0.179) 0.14ng/uL

response 499

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 88.00 | 100   | 100   |
| 43.00 | 49.00 | 54.15 |
| 58.00 | 86.70 | 94.56 |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG050317\

Quantitation Report (Qedit)

Data File : BG026847.D

Acq On : 3 May 2017 12:06

Operator : SJ/MA

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 00:43:48 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration

Instrument :

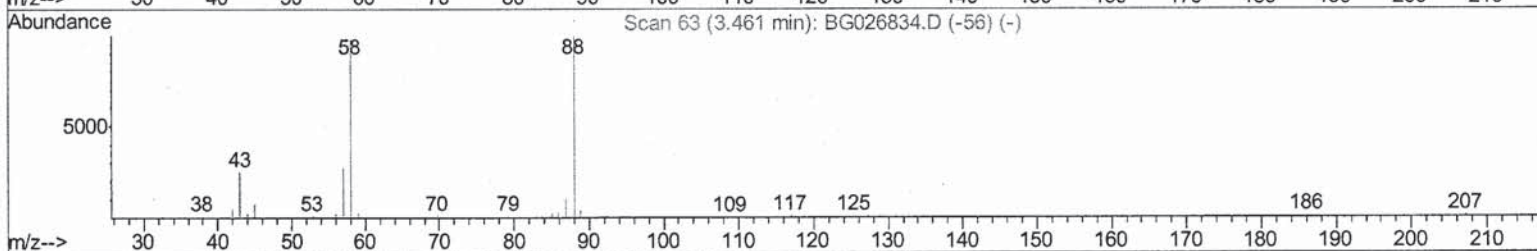
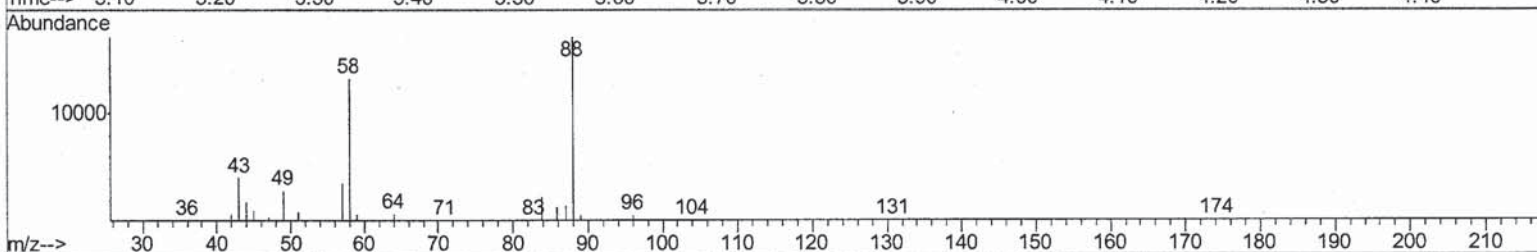
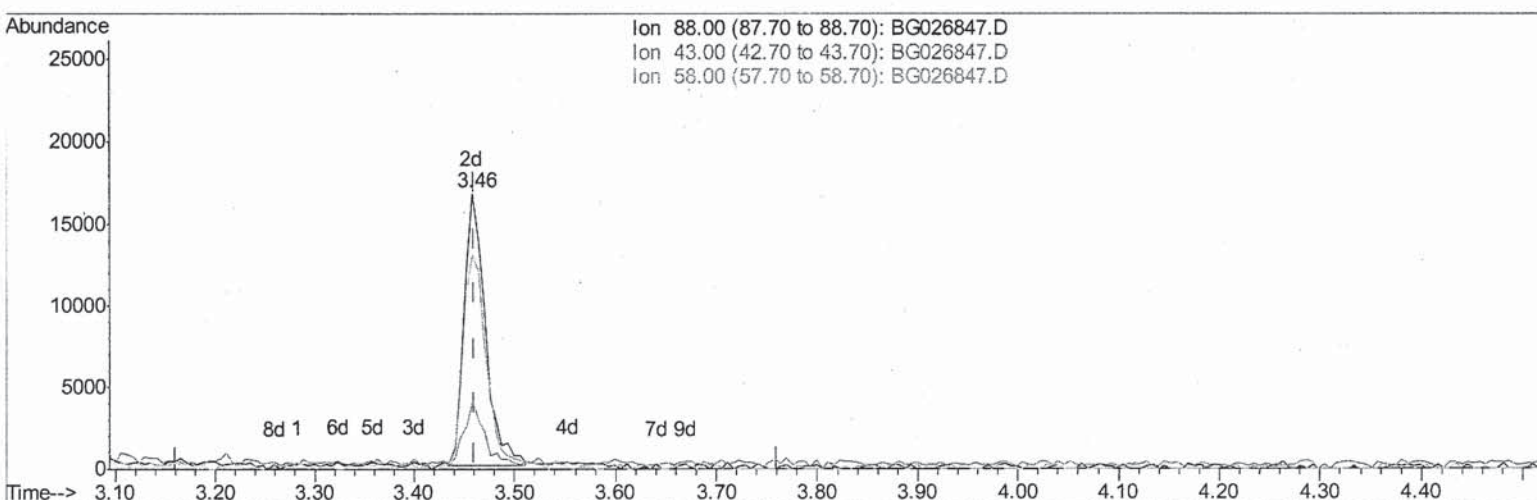
BNA\_G

LabSampleId :

SSTD02072

Manual Integrations  
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TIC: BG026847.D

(2) 1,4-Dioxane

3.458min (-0.002) 6.98ng/uL m

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response 24173

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 88.00 | 100   | 100    |
| 43.00 | 49.00 | 24.65# |
| 58.00 | 86.70 | 77.76  |
| 0.00  | 0.00  | 0.00   |

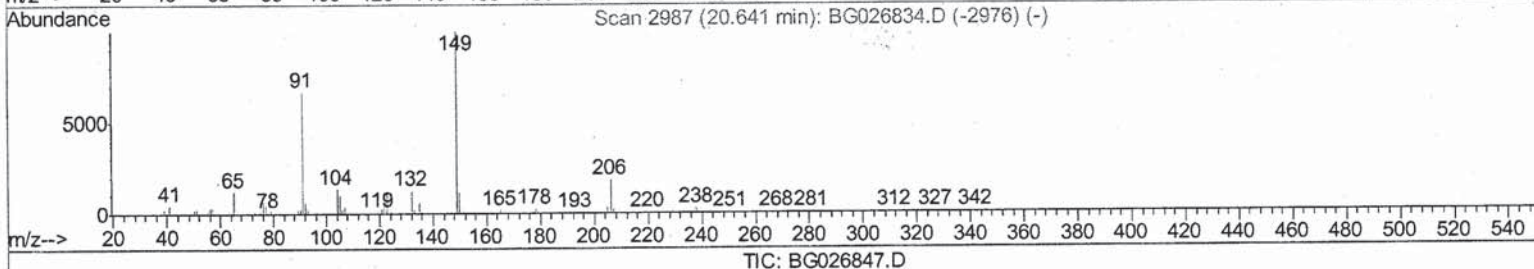
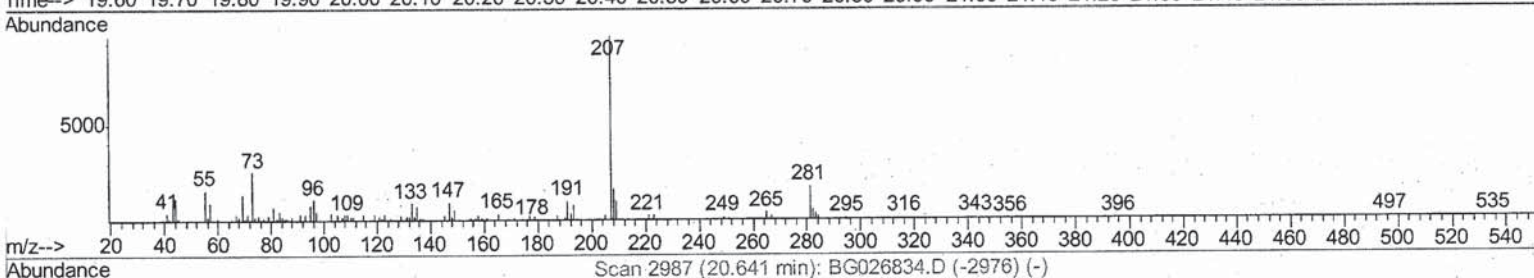
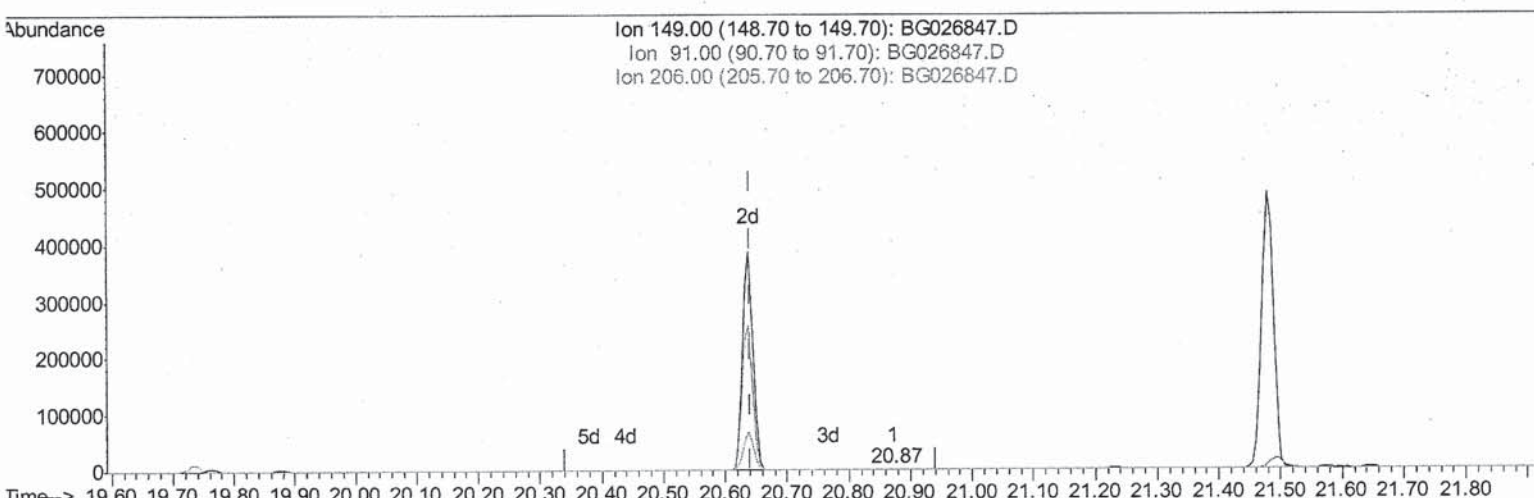
Data File : BG026847.D  
Acq On : 3 May 2017 12:06  
Operator : SJ/MA  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02072

Manual Integrations  
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Quant Time: May 04 00:43:48 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 03 00:58:45 2017  
Response via : Initial Calibration



(78) Butylbenzylphthalate

20.873min (+0.233) 0.03ng/ul

response 510

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 149.00 | 100   | 100   |
| 91.00  | 82.20 | 77.13 |
| 206.00 | 25.10 | 23.80 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG050317\

Quantitation Report (Qedit)

Data File : BG026847.D

Acq On : 3 May 2017 12:06

Operator : SJ/MA

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA\_G

LabSampleId :

SSTD02072

Manual Integrations  
APPROVED

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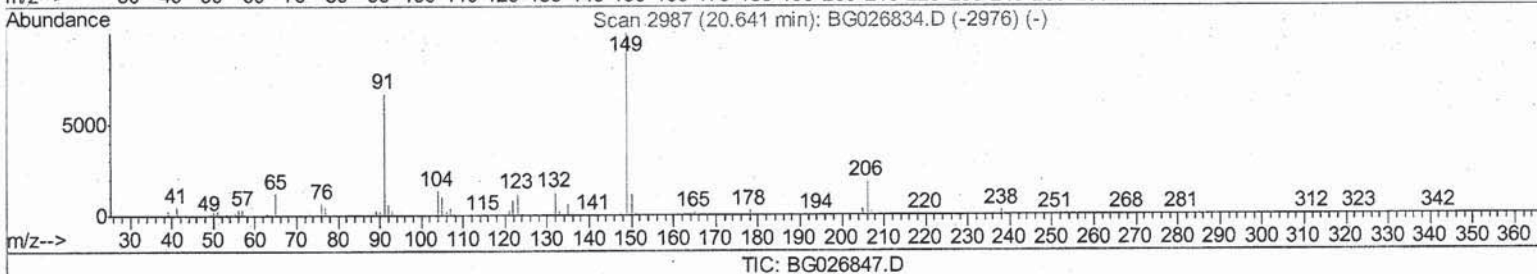
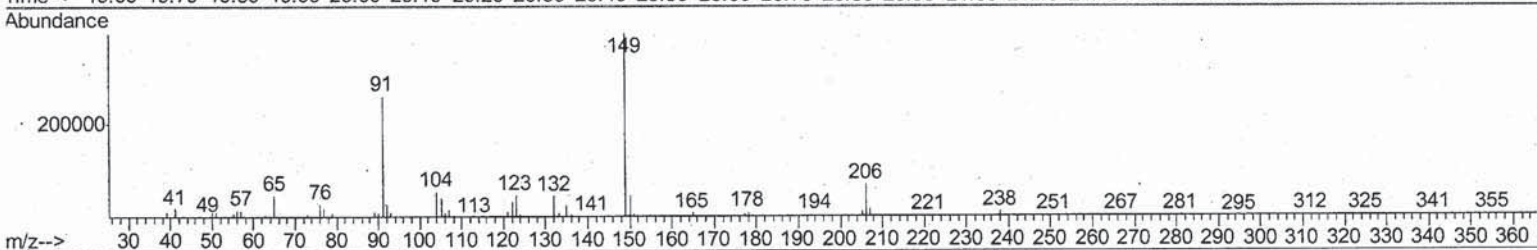
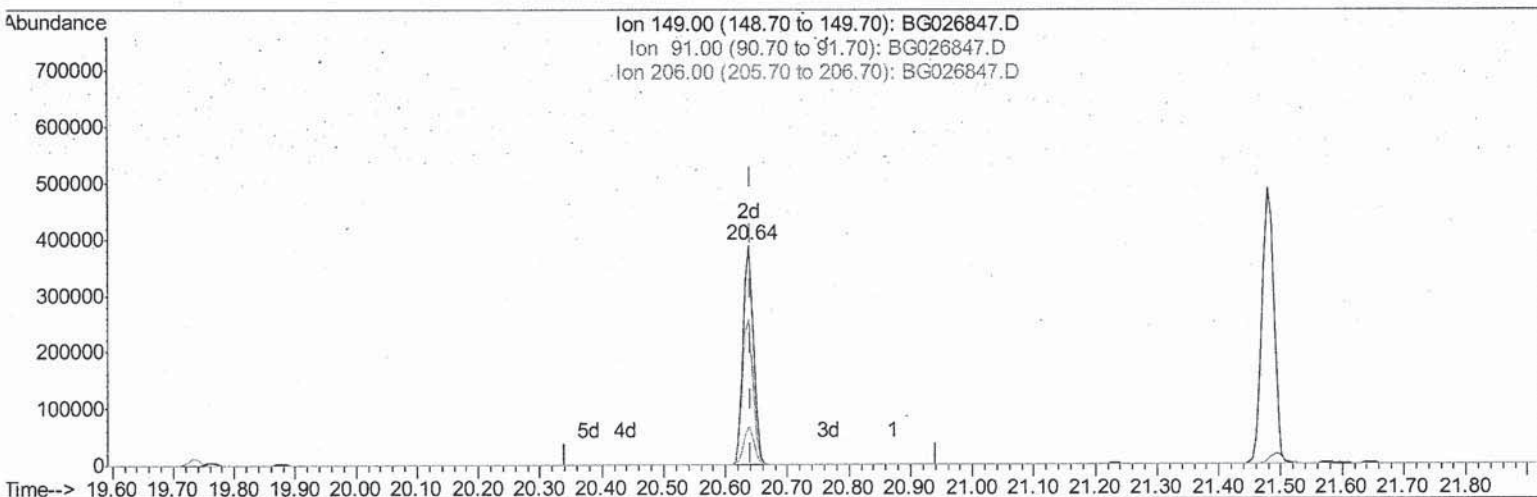
Quant Time: May 04 00:43:48 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration



(78) Butylbenzylphthalate

20.638min (-0.002) 22.28ng/ul m

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response 444898

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 149.00 | 100   | 100    |
| 91.00  | 82.20 | 65.92  |
| 206.00 | 25.10 | 17.80# |
| 0.00   | 0.00  | 0.00   |

Data File : BG026847.D  
Acq On : 3 May 2017 12:06  
Operator : SJ/MA  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02072

Manual Integrations  
APPROVED  
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Quant Time: May 04 00:46:46 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 03 00:58:45 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 136710   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 693879   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.62 | 164  | 378513   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.35 | 188  | 708997   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.60 | 240  | 640721   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.76 | 264  | 659105   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96   | 24251    | 7.99  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.18  | 99   | 274289   | 22.48 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.32  | 67   | 156841   | 21.86 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.55  | 132  | 220805   | 21.32 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.72  | 113  | 223806   | 22.10 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.16  | 128  | 107835   | 18.59 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.89  | 143  | 118355   | 18.76 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165  | 210211   | 20.97 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.94 | 131  | 294888   | 21.98 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.02 | 166  | 586803   | 19.26 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.32 | 160  | 785696   | 20.53 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.84 | 143  | 87513    | 15.94 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.61 | 176  | 508633   | 19.13 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200  | 70550    | 16.39 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.45 | 188  | 688205   | 20.00 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.73 | 212  | 660820   | 19.54 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 24.55 | 264  | 625615   | 20.08 | ng/ul | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.46  | 88   | 24173m>  | 6.98  | ng/uL  |        |
| 4) Benzaldehyde                | 7.14  | 77   | 111112   | 18.84 | ng/ul# | 63     |
| 6) Phenol                      | 7.21  | 94   | 282854   | 22.87 | ng/ul# | 75     |
| 8) Bis(2-Chloroethyl)ether     | 7.42  | 93   | 201328   | 21.09 | ng/ul  | 92     |
| 10) 2-Chlorophenol             | 7.58  | 128  | 213695   | 20.97 | ng/ul# | 80     |
| 11) 2-Methylphenol             | 8.46  | 108  | 217246   | 22.19 | ng/ul  | 97     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.53  | 45   | 247928   | 24.88 | ng/ul# | 90     |
| 14) Acetophenone               | 8.82  | 105  | 327014   | 21.99 | ng/ul# | 75     |
| 15) N-Nitroso-di-n-propylamine | 8.81  | 70   | 146747   | 20.00 | ng/ul# | 76     |
| 16) 4-Methylphenol             | 8.79  | 108  | 241831   | 22.59 | ng/ul  | 99     |
| 17) Hexachloroethane           | 9.09  | 117  | 77395    | 20.19 | ng/ul# | 70     |
| 20) Nitrobenzene               | 9.20  | 77   | 228921   | 20.45 | ng/ul# | 80     |
| 21) Isophorone                 | 9.72  | 82   | 427352   | 19.89 | ng/ul# | 91     |
| 23) 2-Nitrophenol              | 9.92  | 139  | 124697   | 18.80 | ng/ul# | 62     |
| 24) 2,4-Dimethylphenol         | 9.99  | 107  | 252238   | 20.86 | ng/ul# | 82     |
| 25) Bis(2-Chloroethoxy)methane | 10.20 | 93   | 289116   | 19.70 | ng/ul  | 94     |
| 27) 2,4-Dichlorophenol         | 10.46 | 162  | 208506   | 20.86 | ng/ul  | 96     |
| 28) Naphthalene                | 10.86 | 128  | 728568   | 20.17 | ng/ul  | 97     |
| 30) 4-Chloroaniline            | 10.96 | 127  | 279455   | 22.08 | ng/ul  | 91     |
| 31) Hexachlorobutadiene        | 11.14 | 225  | 95294    | 18.85 | ng/ul  | 93     |
| 32) Caprolactam                | 11.71 | 113  | 76528    | 20.49 | ng/ul# | 67     |
| 33) 4-Chloro-3-methylphenol    | 12.10 | 107  | 238053   | 21.96 | ng/ul# | 85     |
| 34) 2-Methylnaphthalene        | 12.45 | 142  | 531061   | 19.81 | ng/ul  | 96     |

SJ 5/6/17

Data File : BG026847.D

Acq On : 3 May 2017 12:06

Operator : SJ/MA

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA\_G

LabSampleId :

SSTD02072

Manual Integrations

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5/4/2017 1:47:05 PM

Quant Time: May 04 00:46:46 2017

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.82 | 216  | 196564   | 19.70 | ng/ul# | 93       |
| 37) Hexachlorocyclopentadiene  | 12.80 | 237  | 83758    | 19.05 | ng/ul  | 95       |
| 38) 2,4,6-Trichlorophenol      | 13.06 | 196  | 140986   | 20.54 | ng/ul  | 95       |
| 39) 2,4,5-Trichlorophenol      | 13.15 | 196  | 145302   | 20.47 | ng/ul  | 96       |
| 40) 1,1'-Biphenyl              | 13.45 | 154  | 641812   | 20.17 | ng/ul  | 97       |
| 41) 2-Chloronaphthalene        | 13.50 | 162  | 482739   | 20.18 | ng/ul  | 94       |
| 42) 2-Nitroaniline             | 13.71 | 65   | 149317   | 21.85 | ng/ul# | 81       |
| 44) Dimethylphthalate          | 14.07 | 163  | 571036   | 19.15 | ng/ul  | 97       |
| 45) 2,6-Dinitrotoluene         | 14.19 | 165  | 115728   | 18.39 | ng/ul  | 87       |
| 47) Acenaphthylene             | 14.35 | 152  | 802051   | 20.58 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.52 | 138  | 127705   | 19.28 | ng/ul# | 89       |
| 49) Acenaphthene               | 14.68 | 153  | 537773   | 19.83 | ng/ul  | 95       |
| 50) 2,4-Dinitrophenol          | 14.74 | 184  | 55317    | 17.19 | ng/ul# | 74       |
| 52) 4-Nitrophenol              | 14.86 | 109  | 54868    | 17.04 | ng/ul# | 26       |
| 53) Dibenzofuran               | 15.02 | 168  | 715634   | 19.83 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.98 | 165  | 167363   | 18.58 | ng/ul# | 80       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 102335   | 18.36 | ng/ul# | 81       |
| 56) Diethylphthalate           | 15.42 | 149  | 609124   | 19.51 | ng/ul  | 99       |
| 58) Fluorene                   | 15.66 | 166  | 569828   | 19.34 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.65 | 204  | 246977   | 19.23 | ng/ul  | 95       |
| 60) 4-Nitroaniline             | 15.69 | 138  | 121180   | 16.60 | ng/ul# | 50       |
| 63) 4,6-Dinitro-2-methylphenol | 15.74 | 198  | 77060    | 17.19 | ng/ul  | 100      |
| 64) N-Nitrosodiphenylamine     | 15.86 | 169  | 472560   | 20.28 | ng/ul  | 98       |
| 65) 4-Bromophenyl-phenylether  | 16.54 | 248  | 140211   | 19.82 | ng/ul# | 82       |
| 66) Hexachlorobenzene          | 16.67 | 284  | 145696   | 19.12 | ng/ul# | 89       |
| 67) Atrazine                   | 16.81 | 200  | 144684   | 19.87 | ng/ul  | 93       |
| 68) Pentachlorophenol          | 17.02 | 266  | 61470    | 17.67 | ng/ul  | 93       |
| 69) Phenanthrene               | 17.40 | 178  | 805612   | 20.17 | ng/ul  | 99       |
| 71) Anthracene                 | 17.49 | 178  | 829316   | 20.24 | ng/ul  | 99       |
| 72) Carbazole                  | 17.76 | 167  | 755179   | 21.80 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.31 | 149  | 973998   | 21.61 | ng/ul# | 96       |
| 74) Fluoranthene               | 19.40 | 202  | 825492   | 22.26 | ng/ul# | 81       |
| 77) Pyrene                     | 19.76 | 202  | 845339   | 19.67 | ng/ul# | 74       |
| 78) Butylbenzylphthalate       | 20.64 | 149  | 444898m  | 22.28 | ng/ul  |          |
| 79) 3,3'-Dichlorobenzidine     | 21.50 | 252  | 268561   | 21.80 | ng/ul# | 94       |
| 80) Benzo(a)anthracene         | 21.58 | 228  | 759265   | 20.26 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.48 | 149  | 652030   | 22.89 | ng/ul# | 98       |
| 82) Chrysene                   | 21.65 | 228  | 698842   | 20.08 | ng/ul  | 97       |
| 84) Di-n-octyl phthalate       | 22.66 | 149  | 1125723  | 24.85 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 23.76 | 252  | 754018   | 20.02 | ng/ul# | 94       |
| 86) Benzo(k)fluoranthene       | 23.82 | 252  | 747097   | 20.19 | ng/ul# | 94       |
| 88) Benzo(a)pyrene             | 24.62 | 252  | 747405   | 20.16 | ng/ul# | 92       |
| 89) Indeno(1,2,3-cd)pyrene     | 28.37 | 276  | 882858   | 20.09 | ng/ul# | 82       |
| 90) Dibenzo(a,h)anthracene     | 28.42 | 278  | 743736   | 19.96 | ng/ul# | 87       |
| 91) Benzo(g,h,i)perylene       | 29.50 | 276  | 732622   | 20.10 | ng/ul# | 79       |

SJ 5/6/17

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