

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG011317\  
Data File : BG025512.D  
Acq On : 13 Jan 2017 15:38  
Operator : UM/SJ  
Sample : PB96072BL

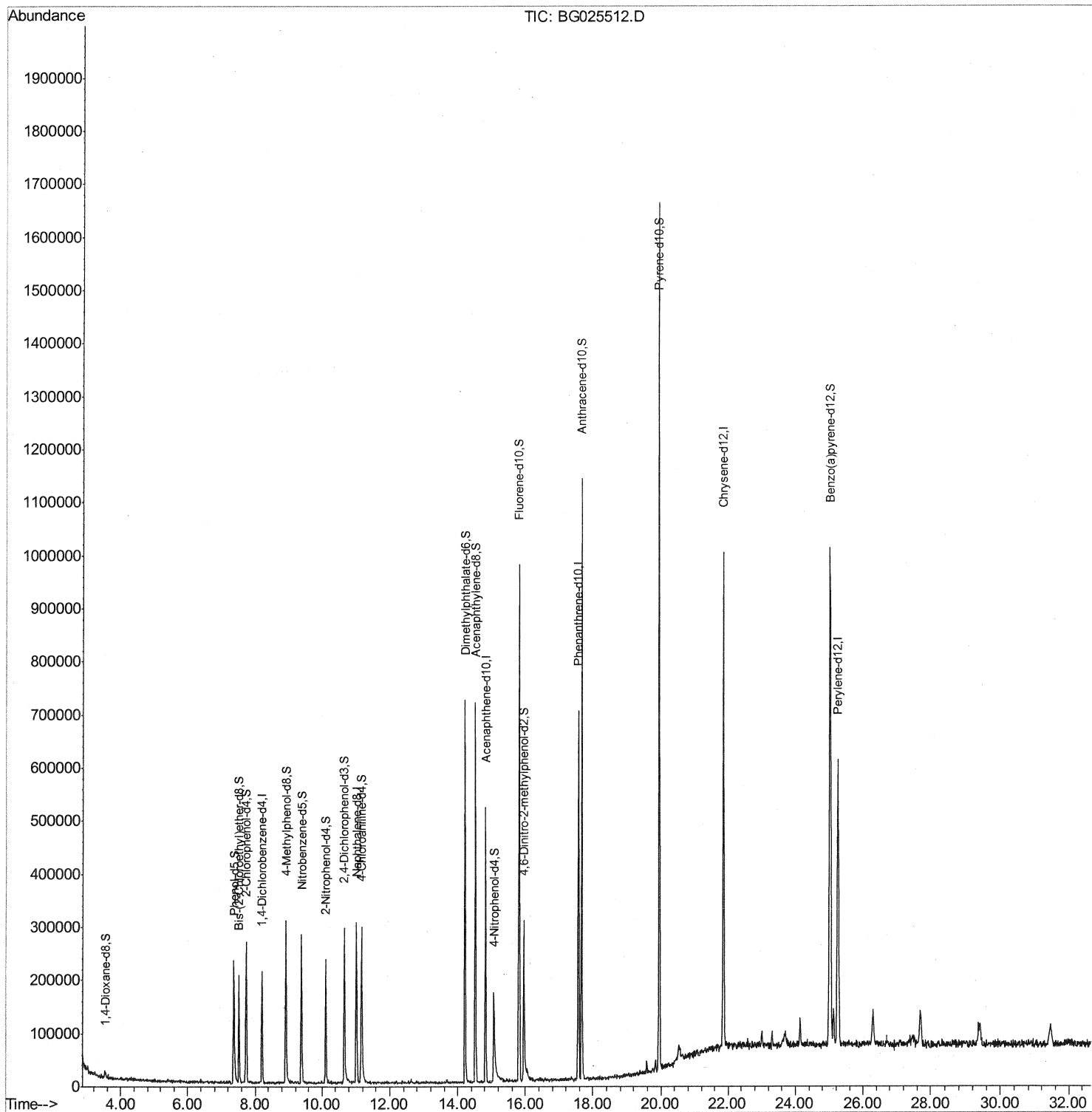
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 13 16:27:31 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG010417MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 13 16:21:38 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK72

Manual Integrations  
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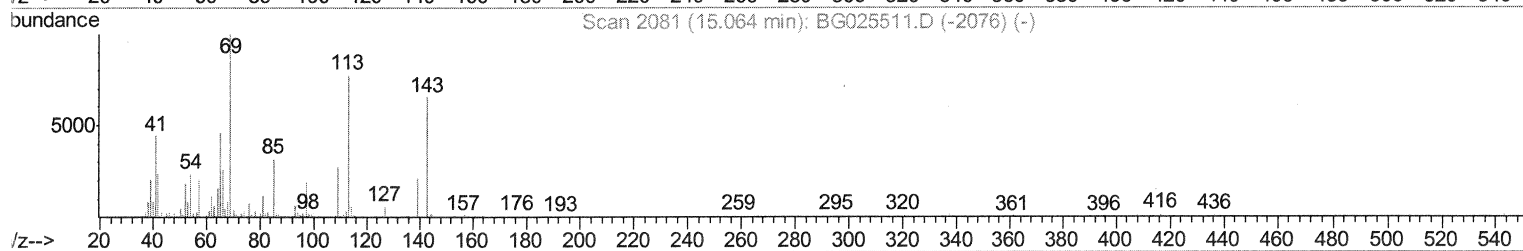
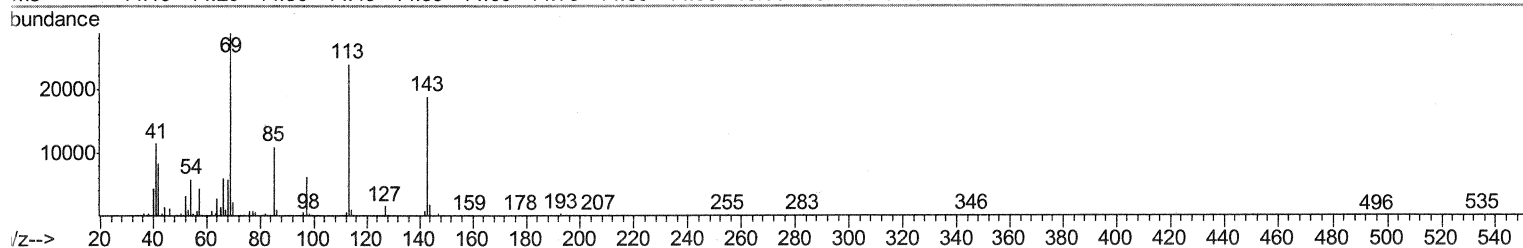
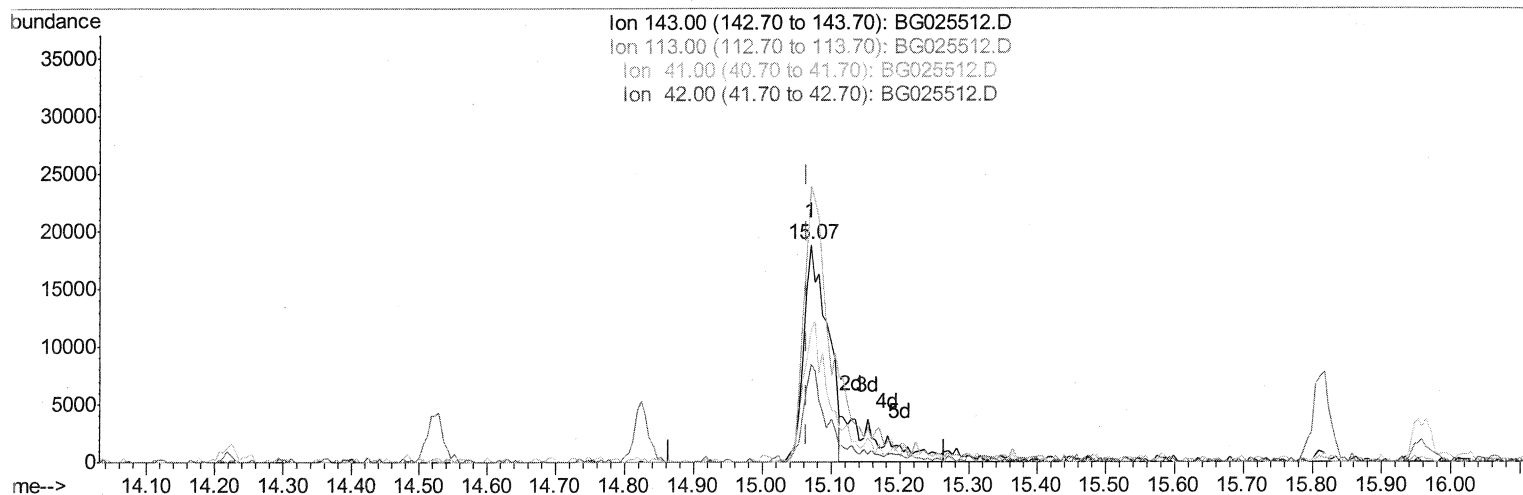
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 13 16:25:10 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG010417MA.M  
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TIC: BG025512.D

(51) 4-Nitrophenol-d4 (S)

15.070min (+0.006) 24.55ng/ul

response 45462

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 143.00 | 100   | 100     |
| 113.00 | 75.10 | 127.17# |
| 41.00  | 28.80 | 60.98#  |
| 42.00  | 19.10 | 45.03#  |

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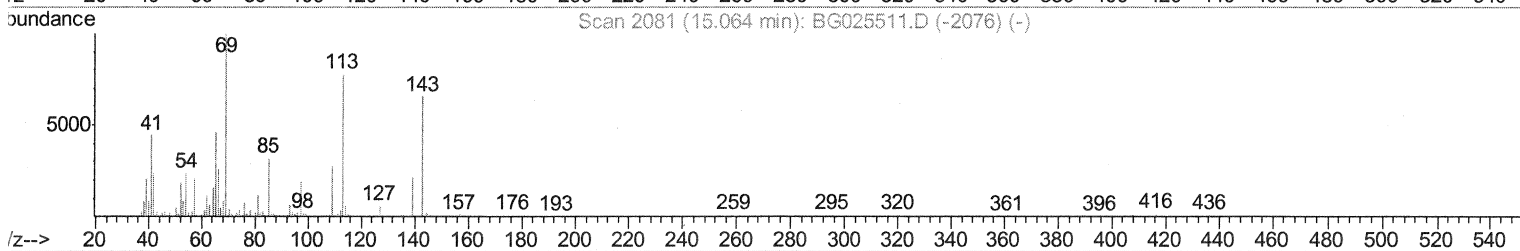
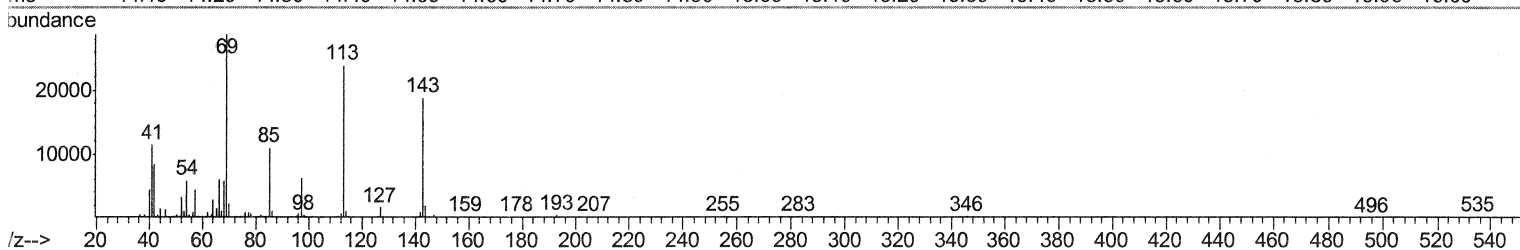
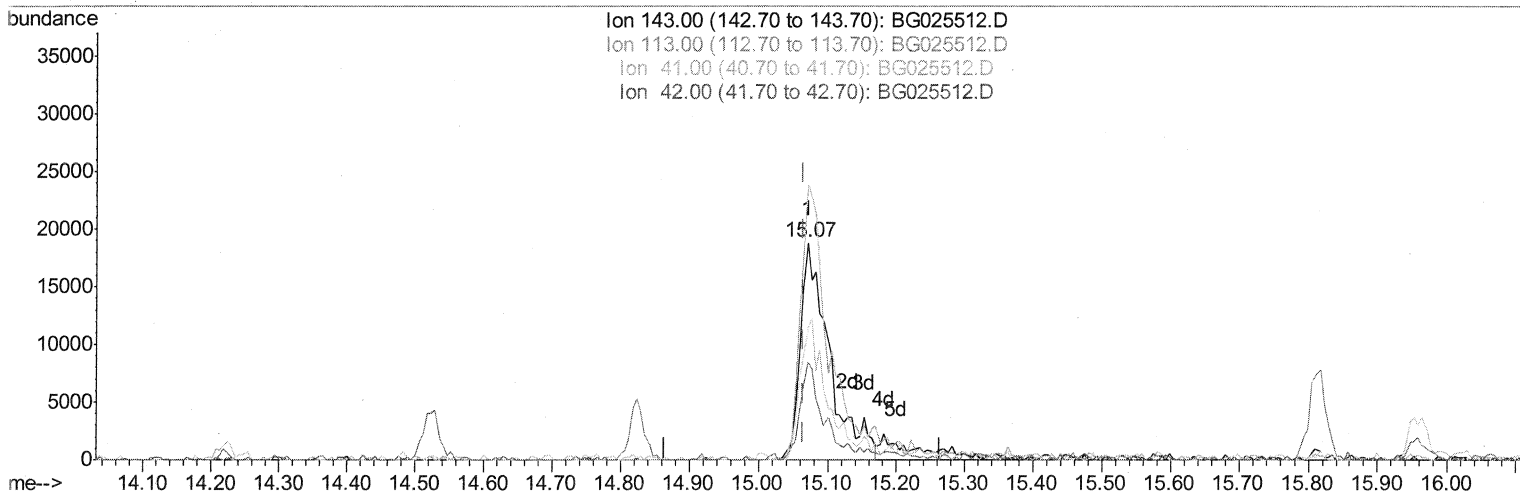
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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Manual Integrations  
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TIC: BG025512.D

(51) 4-Nitrophenol-d4 (S)

15.070min (+0.006) 29.76ng/ul m

SJ 1/17/17

response 55115

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 143.00 | 100   | 100     |
| 113.00 | 75.10 | 127.17# |
| 41.00  | 28.80 | 60.98#  |
| 42.00  | 19.10 | 45.03#  |

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Sample : PB96072BL

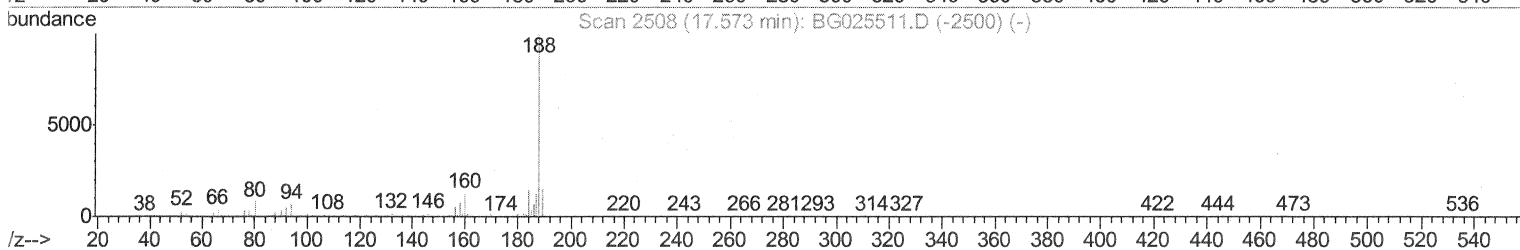
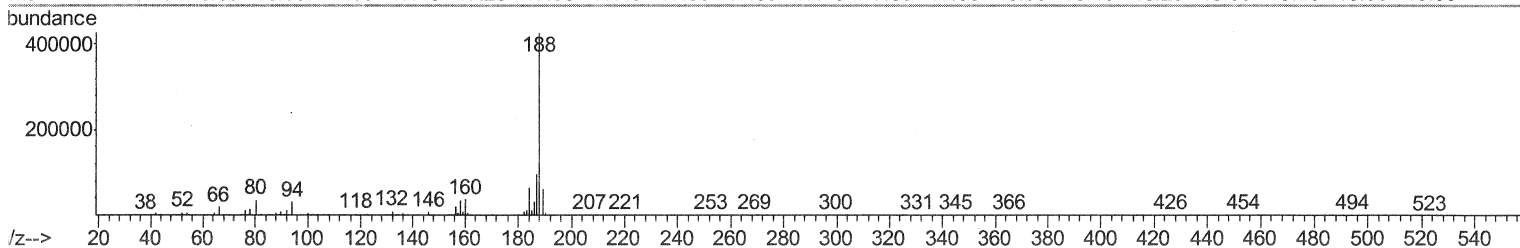
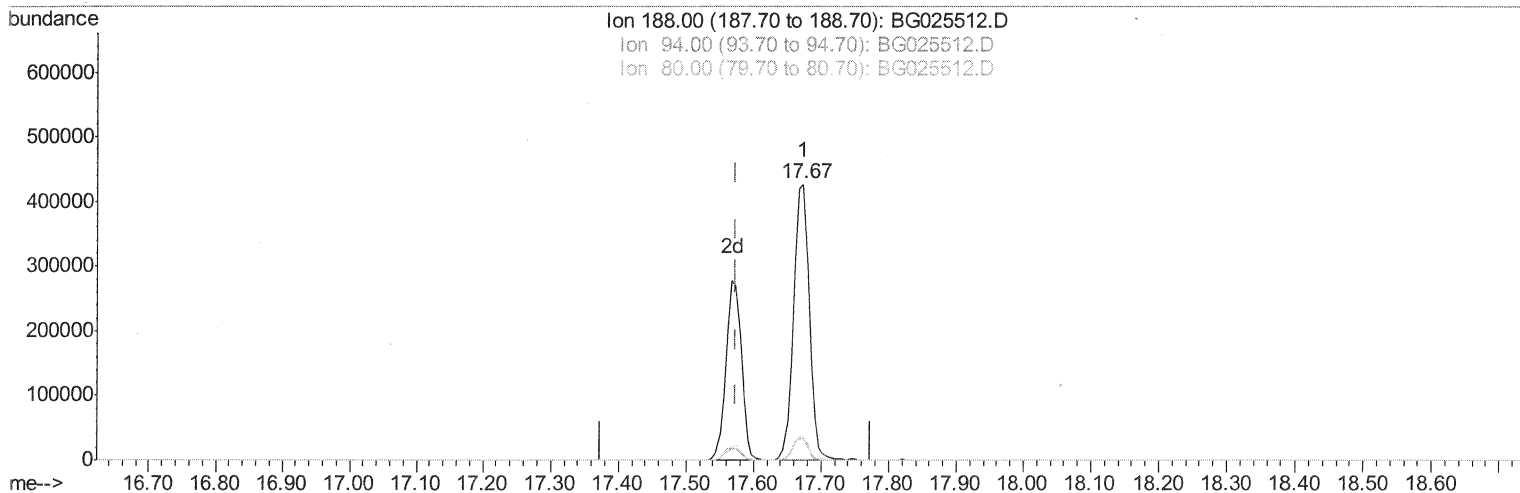
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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TIC: BG025512.D

(61) Phenanthrene-d10 (I)

17.673min (+0.100) 20.00ng/ul

response 687663

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 9.00 | 7.57 |
| 80.00  | 9.70 | 8.46 |
| 0.00   | 0.00 | 0.00 |

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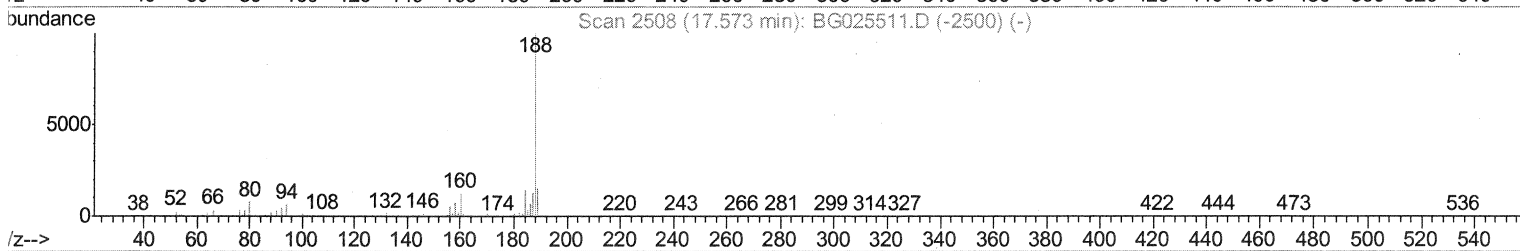
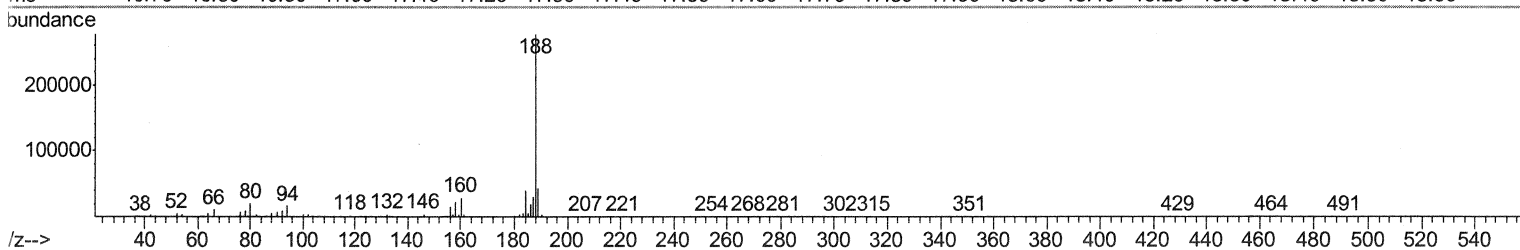
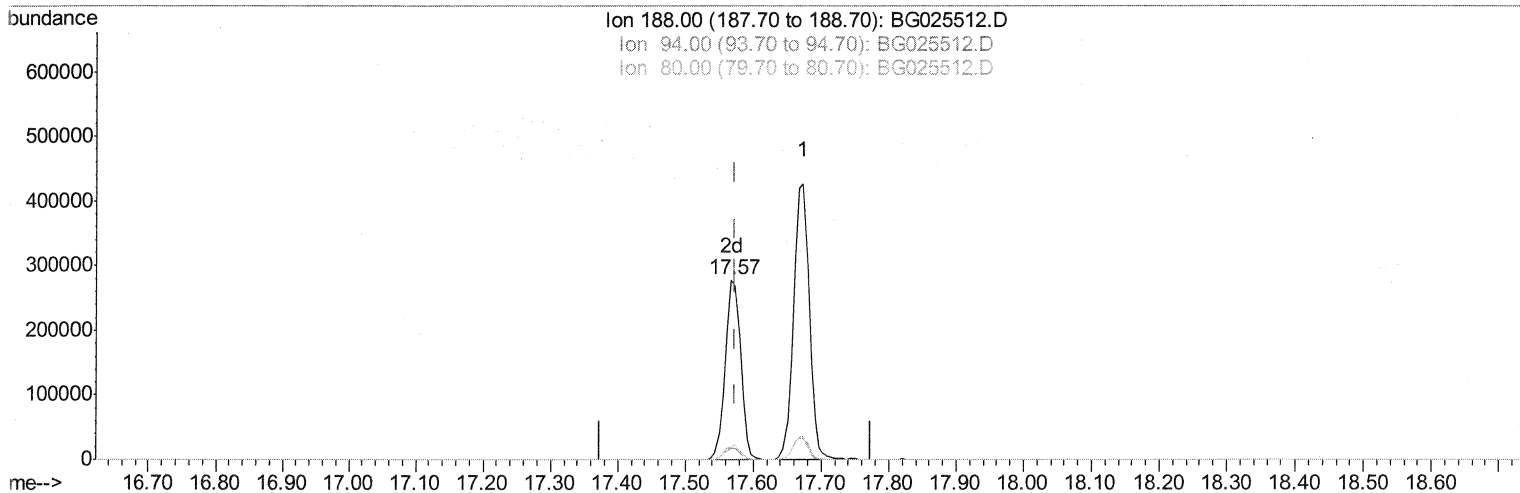
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :  
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Manual Integrations  
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TIC: BG025512.D

(61) Phenanthrene-d10 (I)

17.567min (-0.006) 20.00ng/ul m SJ 1/17/17

response 433317

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 9.00 | 6.21# |
| 80.00  | 9.70 | 7.37# |
| 0.00   | 0.00 | 0.00  |

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 Sample : PB96072BL

Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 13 16:21:38 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK72

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.20  | 152  | 54927    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.02 | 136  | 237854   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.82 | 164  | 193669   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.57 | 188  | 433317m  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.86 | 240  | 647434   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 25.26 | 264  | 676490   | 20.00 | ng/ul | -0.01    |

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## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.54  | 96  | 6794    | 6.71  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.36  | 99  | 140036  | 32.52 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.51  | 67  | 100024  | 35.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.73  | 132 | 109249  | 34.33 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.91  | 113 | 117238  | 32.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.38  | 128 | 52572   | 31.71 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.11 | 143 | 66354   | 33.54 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.66 | 165 | 110194  | 30.10 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.17 | 131 | 157172  | 37.39 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.22 | 166 | 481992  | 36.13 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.52 | 160 | 505615  | 34.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.07 | 143 | 55115m  | 29.76 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.82 | 176 | 408455  | 32.84 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 80207   | 29.11 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.67 | 188 | 687663  | 37.41 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.95 | 212 | 916268  | 36.64 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 25.02 | 264 | 1064670 | 38.07 | ng/ul | 0.00 |

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## Target Compounds

Qvalue

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