

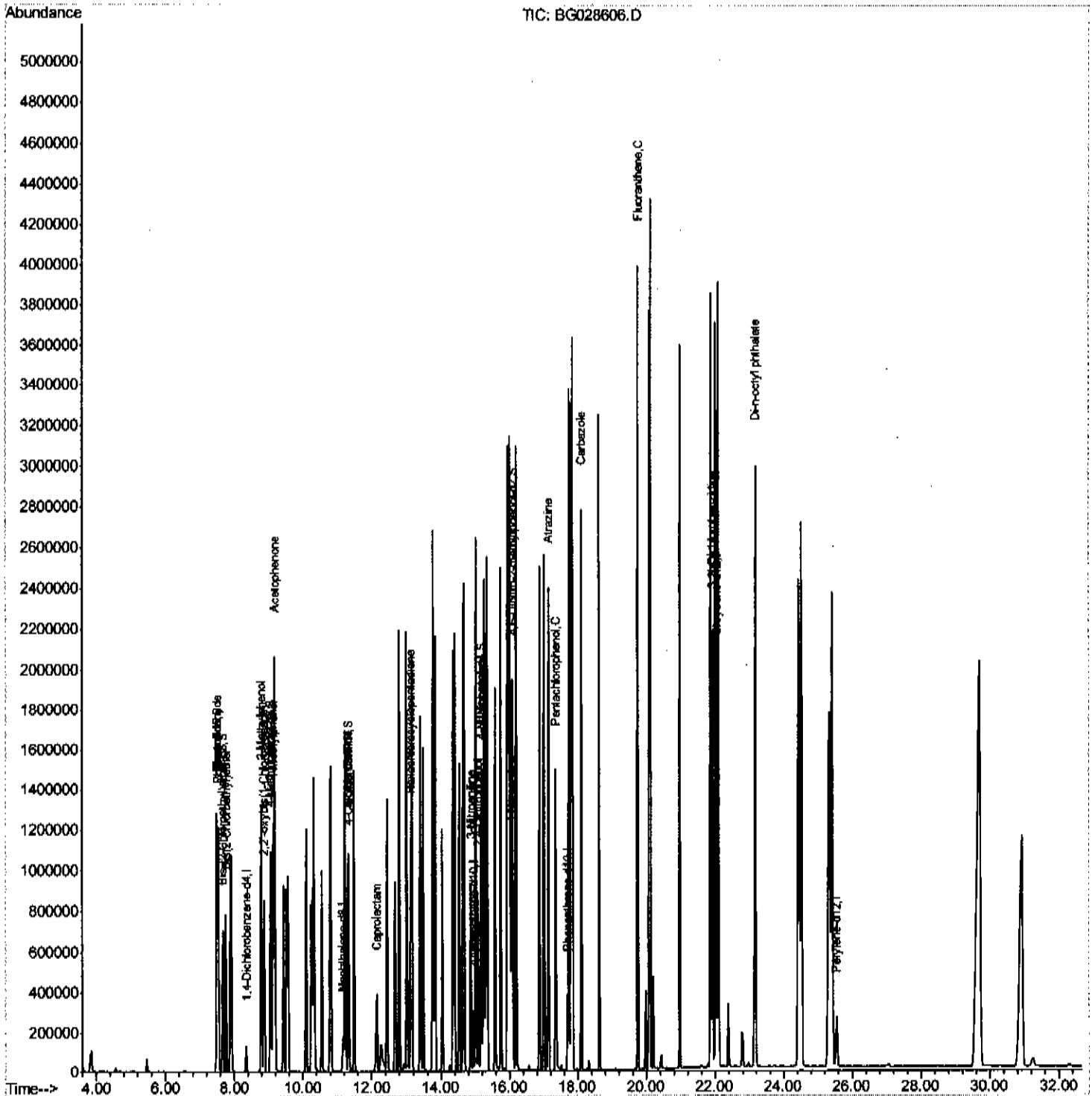
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG090817\  
Data File : BG028606.D  
Acq On : 8 Sep 2017 16:53  
Operator : SJ/JU  
Sample : SSTD16058  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD16058

Manual Integrations  
APPROVED

Sohil  
9/11/2017 4:46:43 PM

Quant Time: Sep 08 17:33:24 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG090817.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Sep 08 15:50:54 2017  
Response via : Initial Calibration



# Quantitation Report (Qedit)

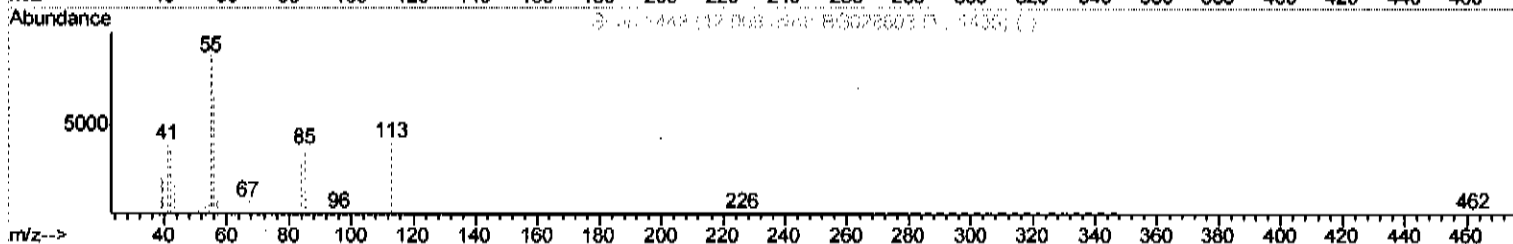
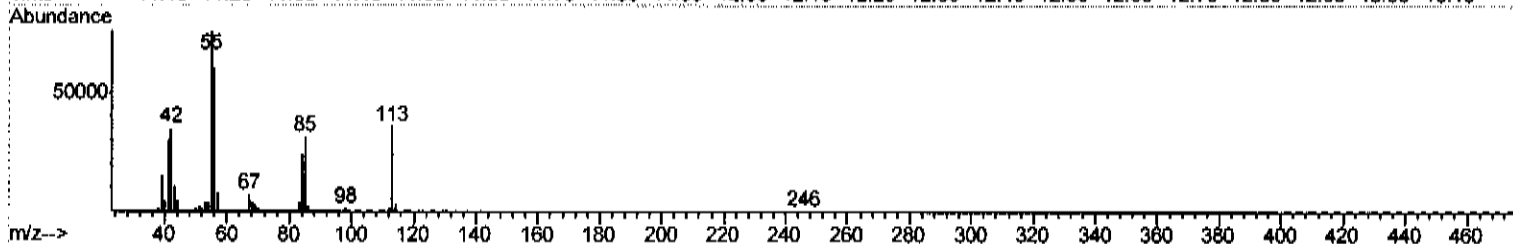
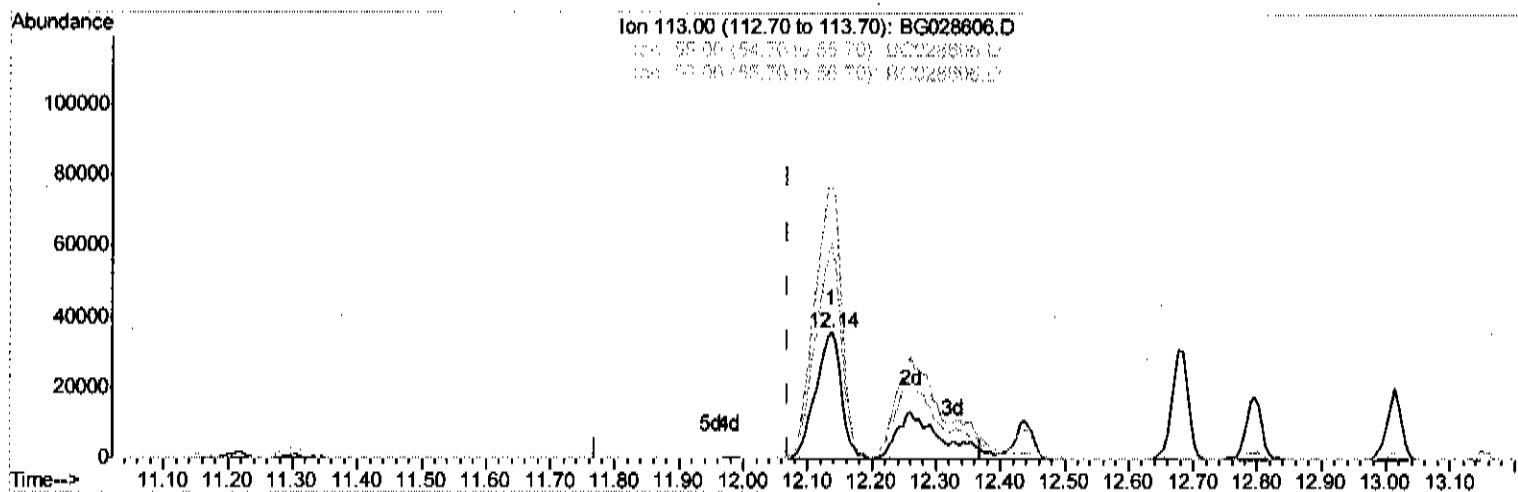
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TIC: BG028606.D

(32) Caprolactam

12.137min (+0.068) 125.26ng/ul

response 99740

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 210.70 | 214.49 |
| 56.00  | 160.60 | 169.65 |
| 0.00   | 0.00   | 0.00   |

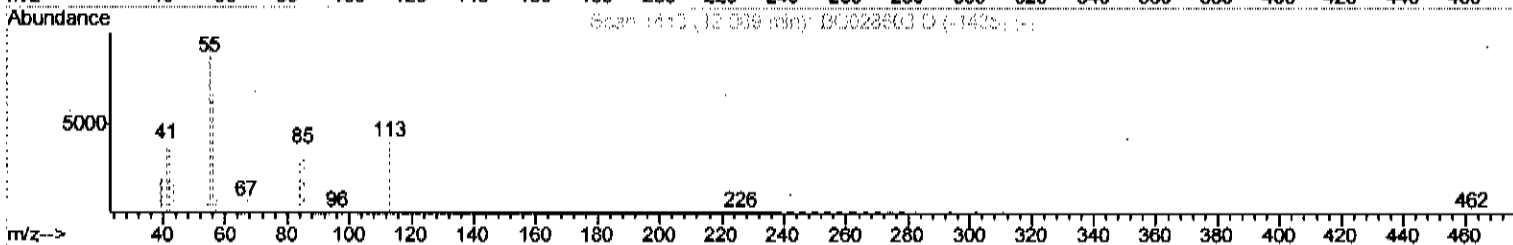
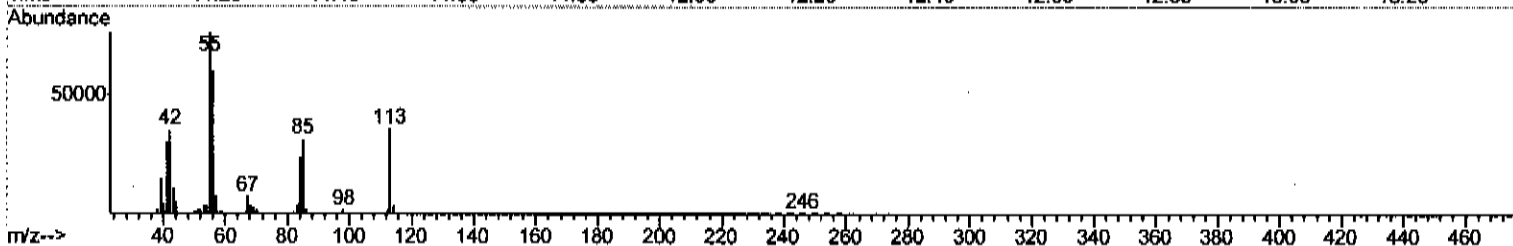
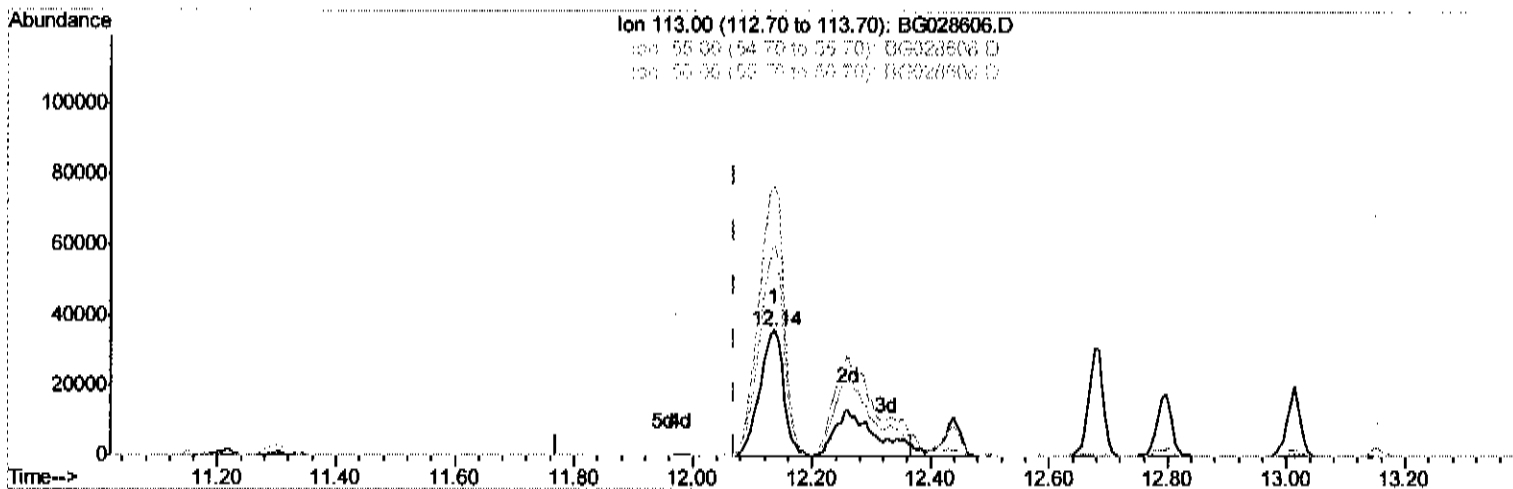
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TIC: BG028606.D

(32) Caprolactam

12.137min (+0.068) 205.93ng/ul m

response 163978

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 210.70 | 214.49 |
| 56.00  | 160.60 | 169.65 |
| 0.00   | 0.00   | 0.00   |

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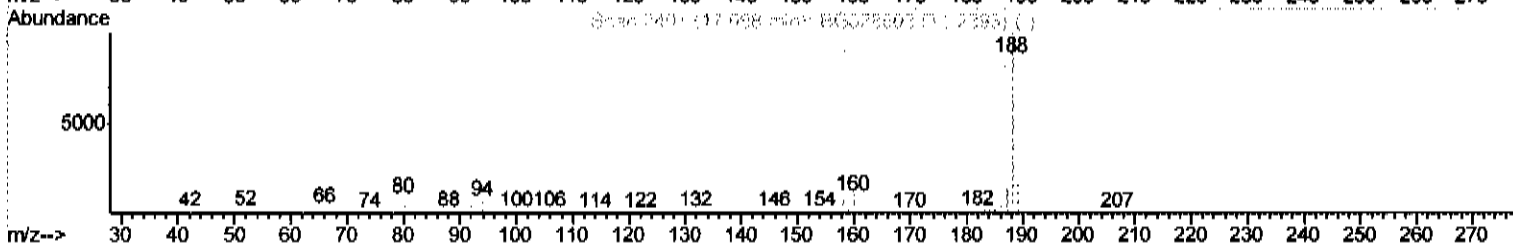
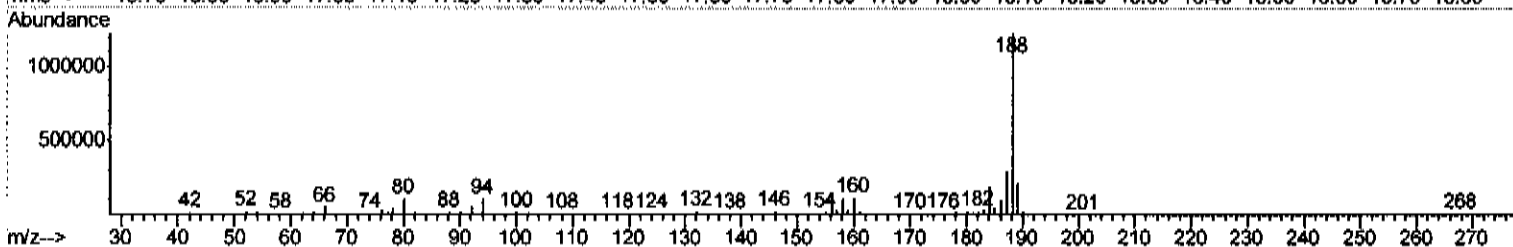
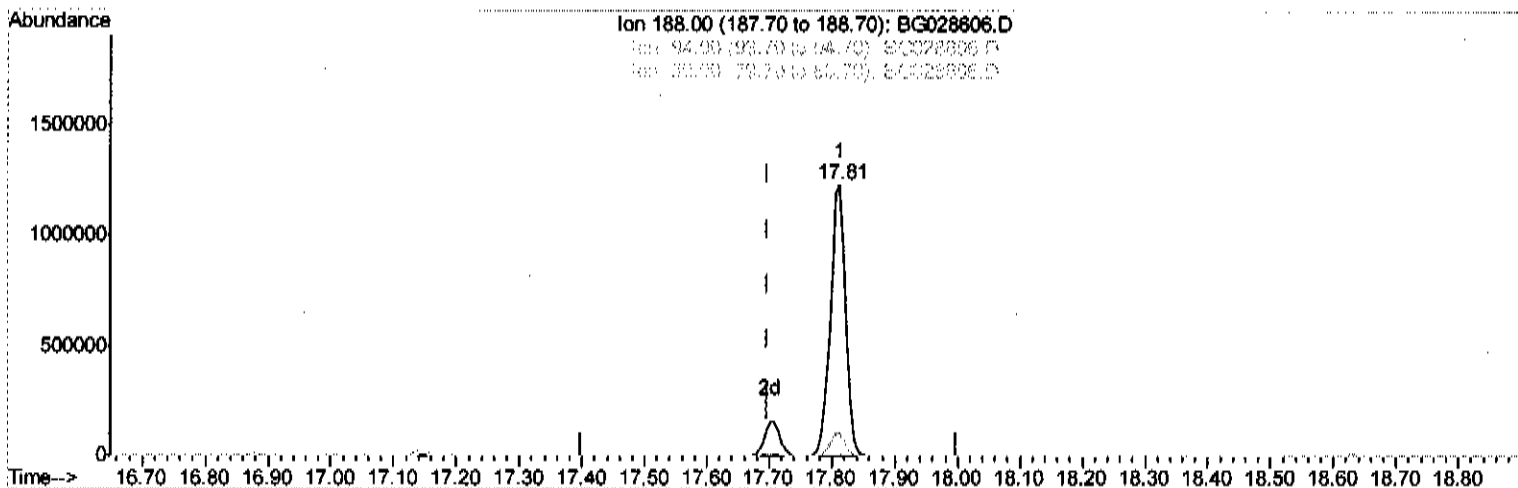
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TIC: BG028606.D

(61) Phenanthrene-d10 (I)

17.813min (+0.115) 20.00ng/ul

response 2122952

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.80 | 8.56 |
| 80.00  | 9.50 | 8.35 |
| 0.00   | 0.00 | 0.00 |

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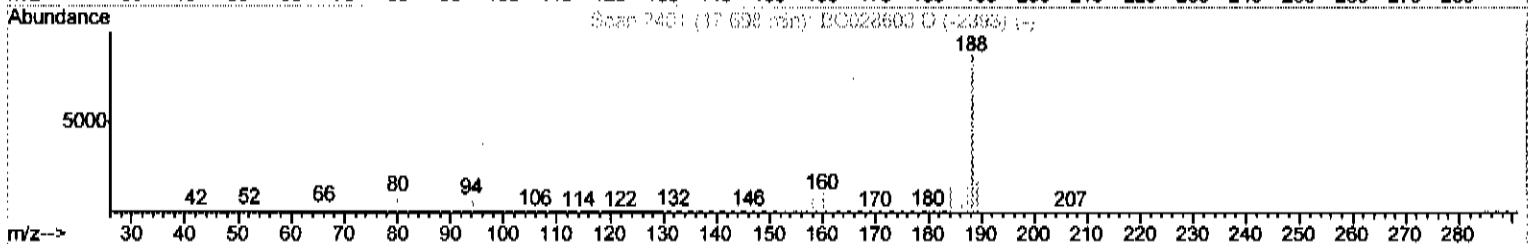
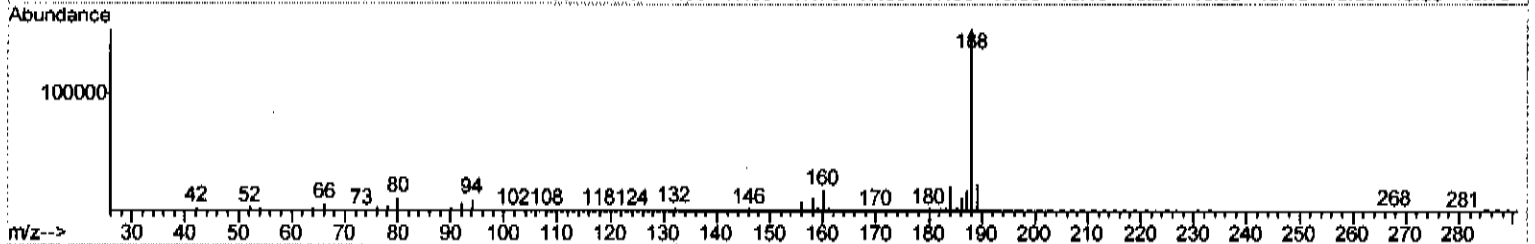
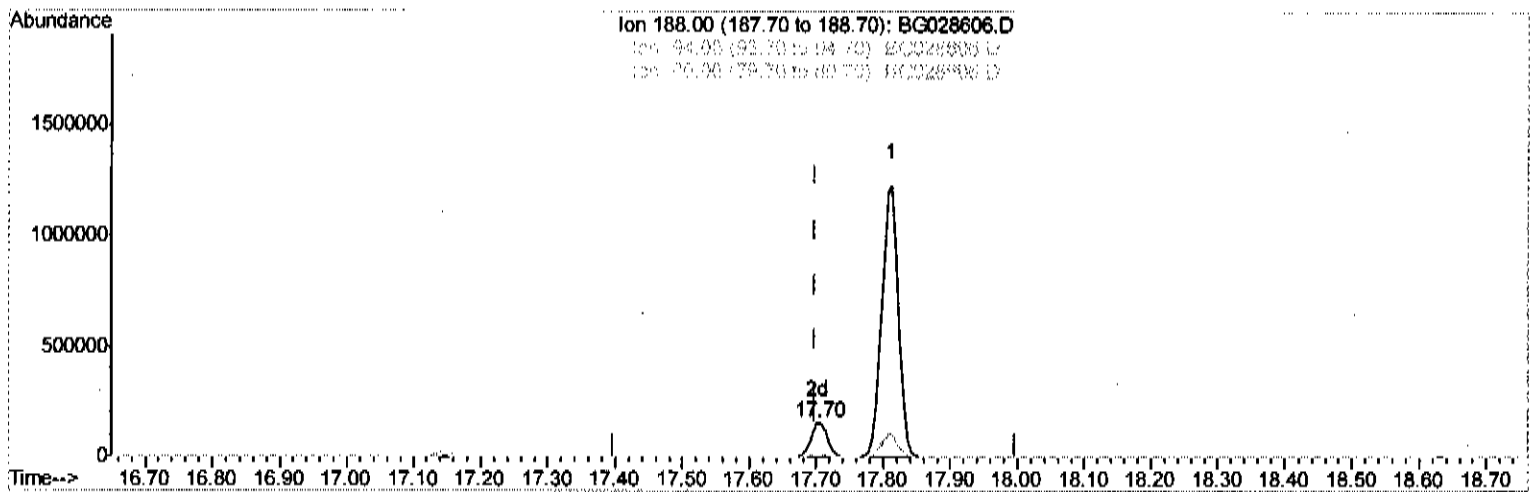
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTD16058

Manual Integrations  
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 Response via : Initial Calibration



TIC: BG028606.D

(61) Phenanthrene-d10 (I)

17.701min (+0.003) 20.00ng/ul m

response 262091

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 8.80 | 6.30# |
| 80.00  | 9.50 | 7.16# |
| 0.00   | 0.00 | 0.00  |

*SJ 9/19/17*

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 Sample : SSTD16058  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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 ClientSampled :  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.34  | 152  | 38447    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.16 | 136  | 159581   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.95 | 164  | 108563   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.70 | 188  | 262091m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.04 | 240  | 330078   | 20.00 | ng/ul | 0.02     |
| 83) Perylene-d12          | 25.55 | 264  | 305943   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |        |       |      |
|--------------------------------|-------|-----|--------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d     | 0.00   | ng/uL |      |
| 5) Phenol-d5                   | 7.50  | 99  | 635733 | 201.19 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.66  | 67  | 368503 | 202.29 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0d     | 0.00   | ng/ul |      |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 512482 | 195.95 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 0.00  | 128 | 0d     | 0.00   | ng/ul |      |
| 22) 2-Nitrophenol-d4           | 0.00  | 143 | 0d     | 0.00   | ng/ul |      |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165 | 0d     | 0.00   | ng/ul |      |
| 29) 4-Chloroaniline-d4         | 11.30 | 131 | 454230 | 181.79 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 0.00  | 166 | 0d     | 0.00   | ng/ul |      |
| 46) Acenaphthylene-d8          | 0.00  | 160 | 0d     | 0.00   | ng/ul |      |
| 51) 4-Nitrophenol-d4           | 15.17 | 143 | 259819 | 190.64 | ng/ul | 0.03 |
| 57) Fluorene-d10               | 0.00  | 176 | 0d     | 0.00   | ng/ul |      |
| 62) 4,6-Dinitro-2-methylphenol | 16.09 | 200 | 337128 | 185.20 | ng/ul | 0.03 |
| 70) Anthracene-d10             | 0.00  | 188 | 0d     | 0.00   | ng/ul |      |
| 76) Pyrene-d10                 | 0.00  | 212 | 0d     | 0.00   | ng/ul |      |
| 87) Benzo(a)pyrene-d12         | 0.00  | 264 | 0d     | 0.00   | ng/ul |      |

## Target Compounds

|                                |       |     |         |         |        | Qvalue |
|--------------------------------|-------|-----|---------|---------|--------|--------|
| 4) Benzaldehyde                | 7.48  | 77  | 342674  | 174.886 | ng/ul  | 88     |
| 6) Phenol                      | 7.53  | 94  | 625820  | 204.115 | ng/ul  | 91     |
| 8) Bis(2-Chloroethyl)ether     | 7.75  | 93  | 431518  | 195.273 | ng/ul  | 97     |
| 11) 2-Methylphenol             | 8.78  | 108 | 455418  | 202.281 | ng/ul  | 95     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.86  | 45  | 774744  | 185.909 | ng/ul  | 99     |
| 14) Acetophenone               | 9.17  | 105 | 735003  | 199.348 | ng/ul# | 86     |
| 16) 4-Methylphenol             | 9.12  | 108 | 493203  | 199.900 | ng/ul  | 100    |
| 30) 4-Chloroaniline            | 11.32 | 127 | 421713  | 182.367 | ng/ul  | 95     |
| 32) Caprolactam                | 12.14 | 113 | 163978m | 205.933 | ng/ul  | 97     |
| 37) Hexachlorocyclopentadiene  | 13.13 | 237 | 368298  | 152.442 | ng/ul  | 97     |
| 48) 3-Nitroaniline             | 14.87 | 138 | 229945  | 152.600 | ng/ul# | 99     |
| 50) 2,4-Dinitrophenol          | 15.08 | 184 | 216838  | 217.155 | ng/ul# | 82     |
| 52) 4-Nitrophenol              | 15.19 | 109 | 239996  | 218.551 | ng/ul# | 80     |
| 60) 4-Nitroaniline             | 16.05 | 138 | 303536  | 169.744 | ng/ul# | 79     |
| 63) 4,6-Dinitro-2-methylphenol | 16.10 | 198 | 338495  | 194.478 | ng/ul# | 94     |
| 67) Atrazine                   | 17.15 | 200 | 534949  | 172.108 | ng/ul  | 99     |
| 68) Pentachlorophenol          | 17.36 | 266 | 317675  | 174.135 | ng/ul  | 94     |
| 72) Carbazole                  | 18.11 | 167 | 1933375 | 170.301 | ng/ul  | 96     |
| 74) Fluoranthene               | 19.75 | 202 | 2650805 | 161.211 | ng/ul  | 97     |
| 79) 3,3'-Dichlorobenzidine     | 21.92 | 252 | 879440  | 163.878 | ng/ul  | 94     |
| 84) Di-n-octyl phthalate       | 23.17 | 149 | 2710977 | 191.057 | ng/ul  | 100    |

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| Internal Standards                                                          | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                       |      |      |          |      |       |          |
| (# ) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |