

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120718\

Quantitation Report (QT Reviewed)

Data File : BM017982.D

Acq On : 07 Dec 2018 00:27

Operator : JU/SJ

Sample : J6155-07MS

Misc :

ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 07 07:43:12 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 07 06:52:15 2018

Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

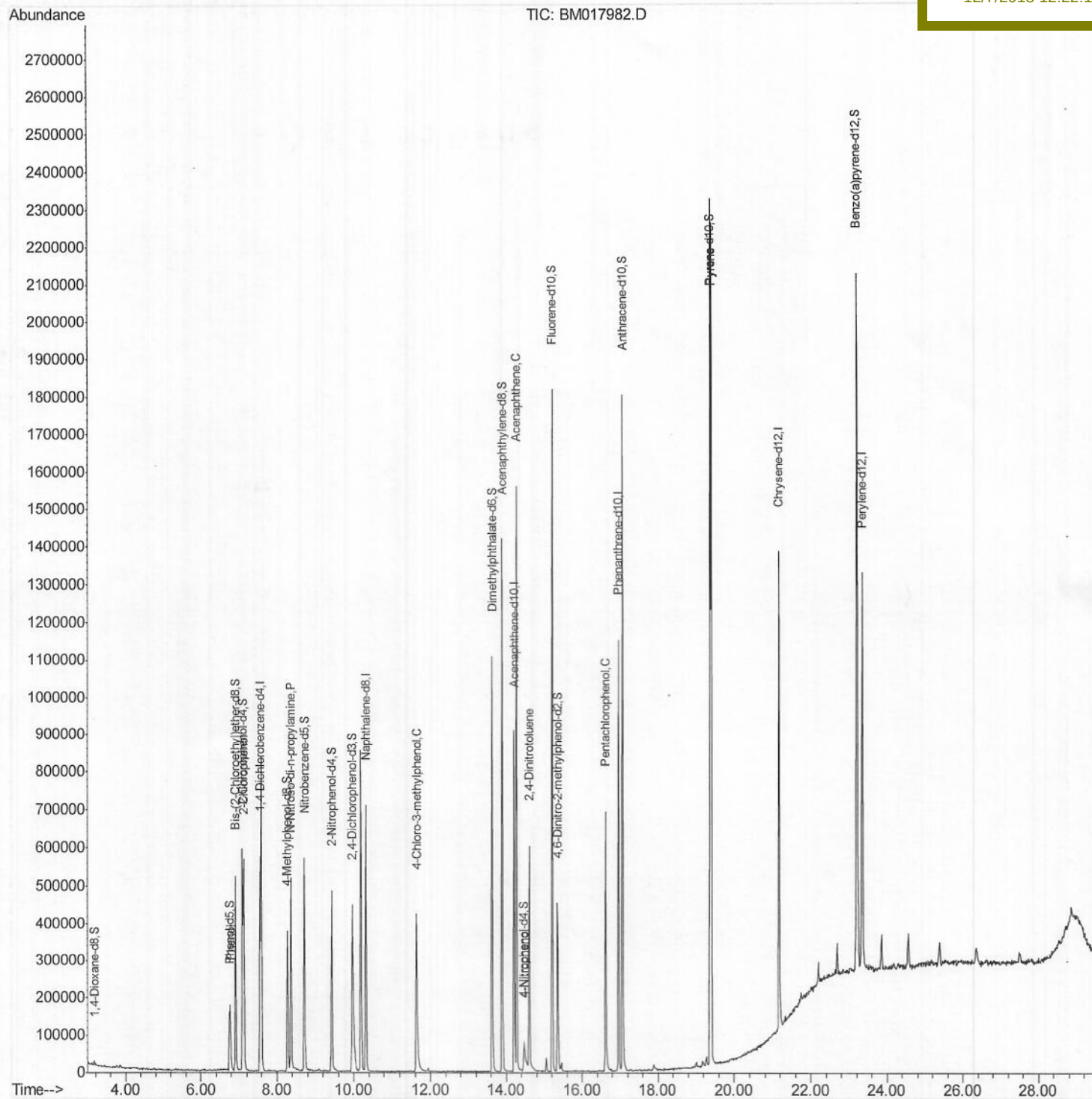
A4178MS

Manual Integrations

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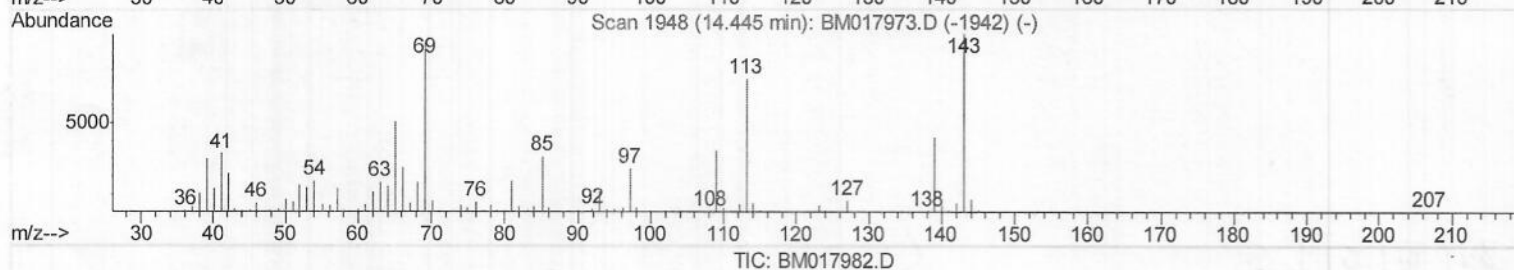
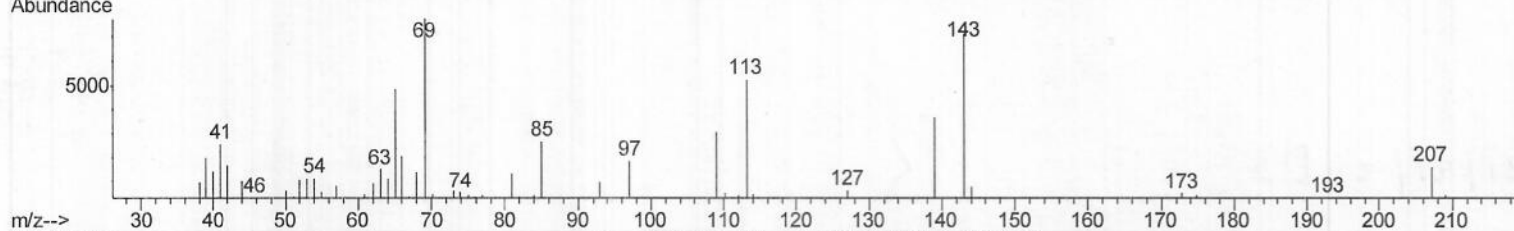
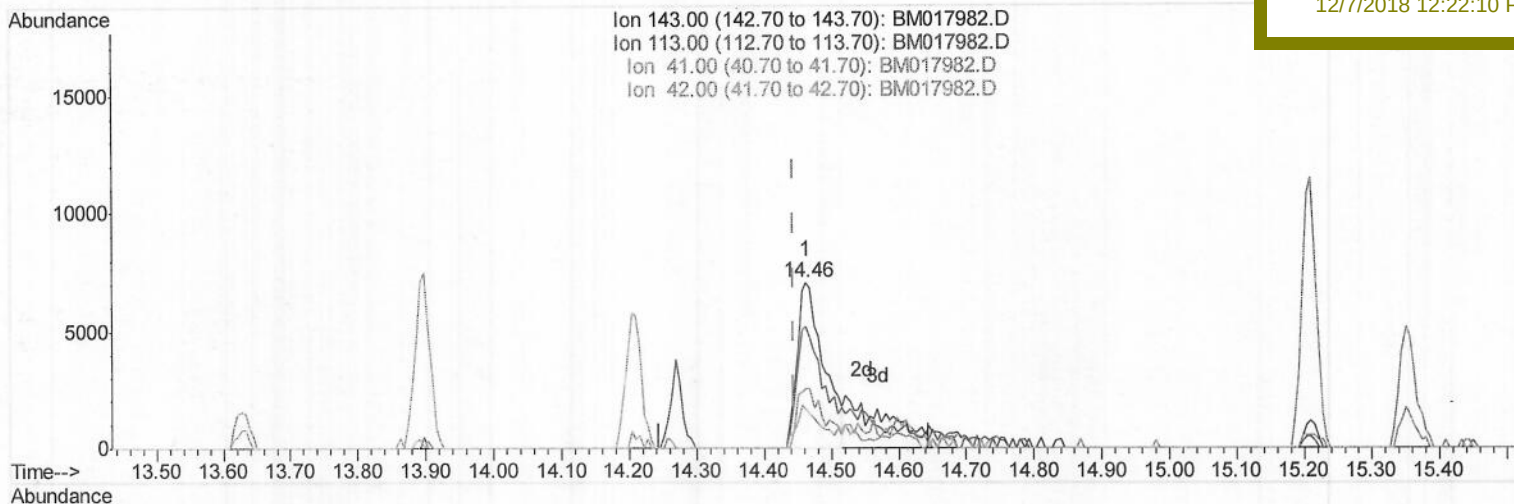
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(51) 4-Nitrophenol-d4 (S)

14.463min (+0.017) 3.97ng/ul

response 19236

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 79.10 | 73.74 |
| 41.00  | 40.10 | 36.32 |
| 42.00  | 26.80 | 23.50 |

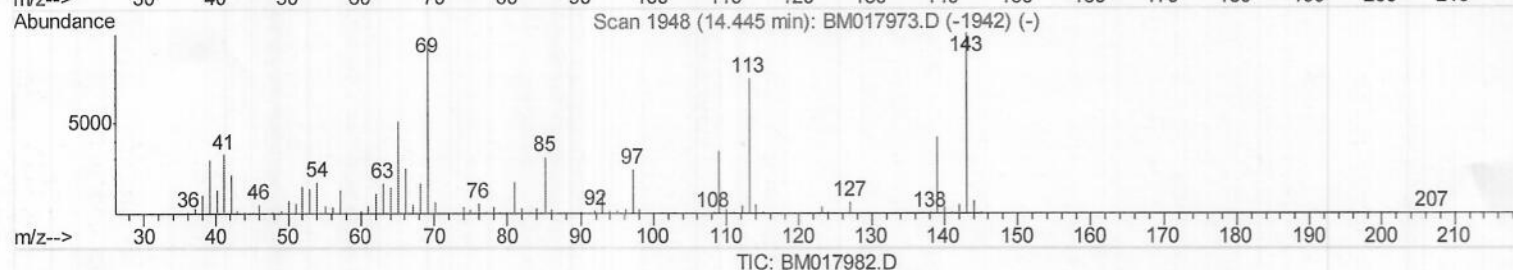
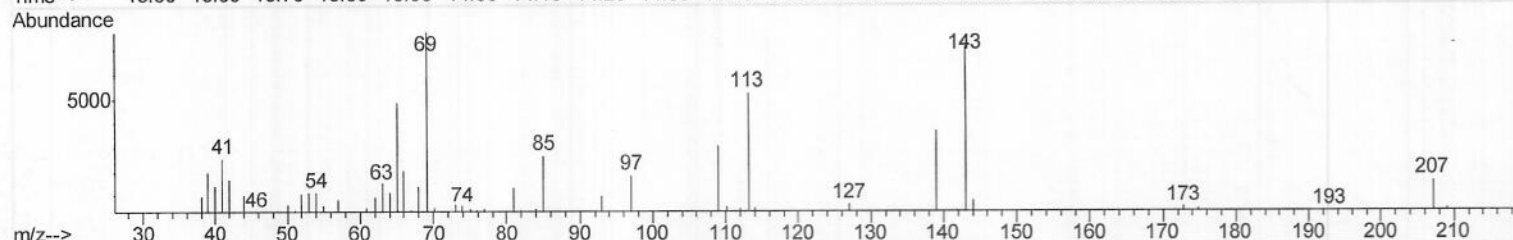
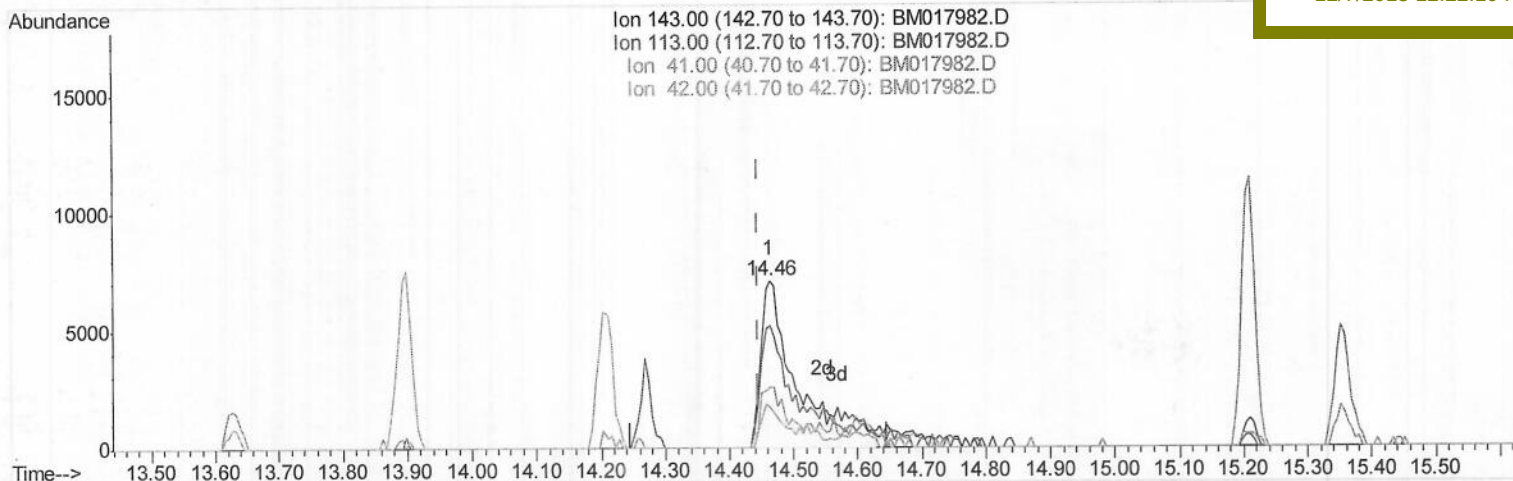
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Sample : J6155-07MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Manual Integrations  
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(51) 4-Nitrophenol-d4 (S)

14.463min (+0.017) 5.71ng/ul m

response 27699

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 79.10 | 73.74 |
| 41.00  | 40.10 | 36.32 |
| 42.00  | 26.80 | 23.50 |

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Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120718\  
Quantitation Report (Qedit)

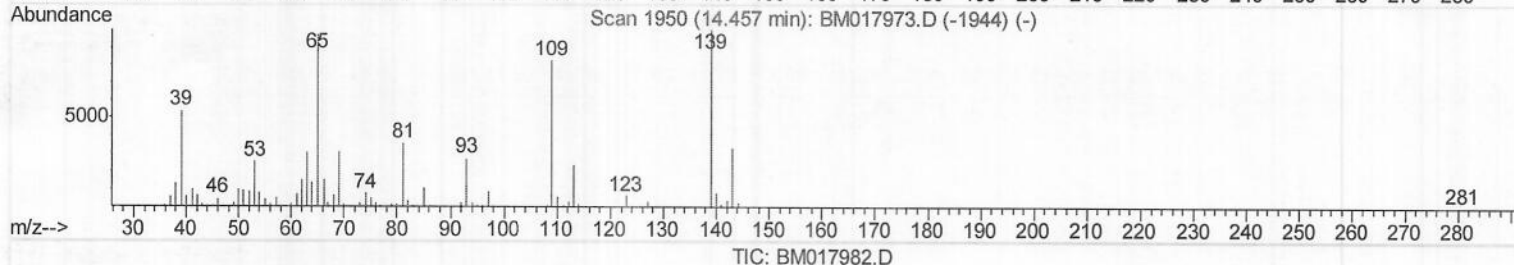
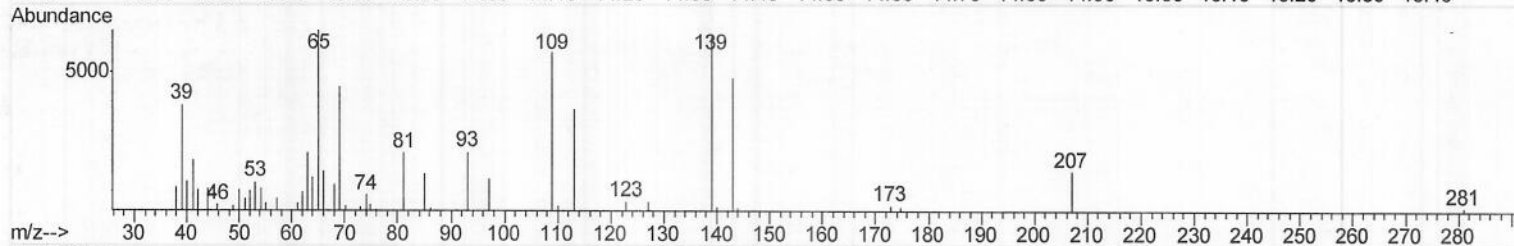
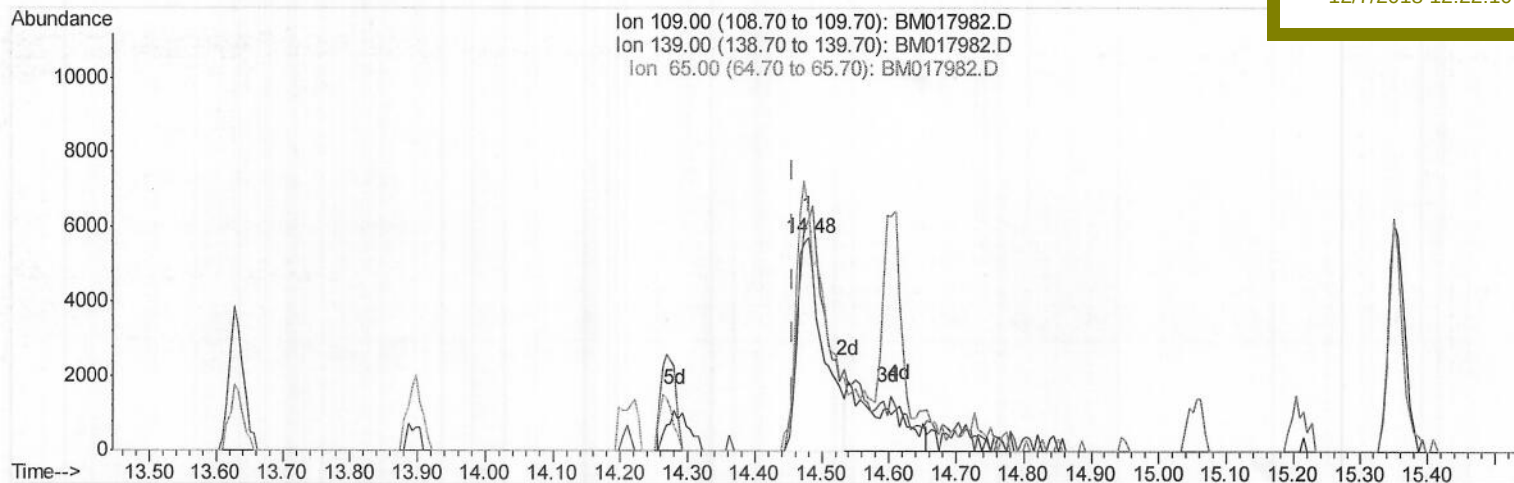
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Manual Integrations  
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(52) 4-Nitrophenol

14.480min (+0.023) 3.94ng/ul

response 15727

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 109.00 | 100    | 100    |
| 139.00 | 121.70 | 109.02 |
| 65.00  | 130.60 | 113.00 |
| 0.00   | 0.00   | 0.00   |

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Quantitation Report (Qedit)

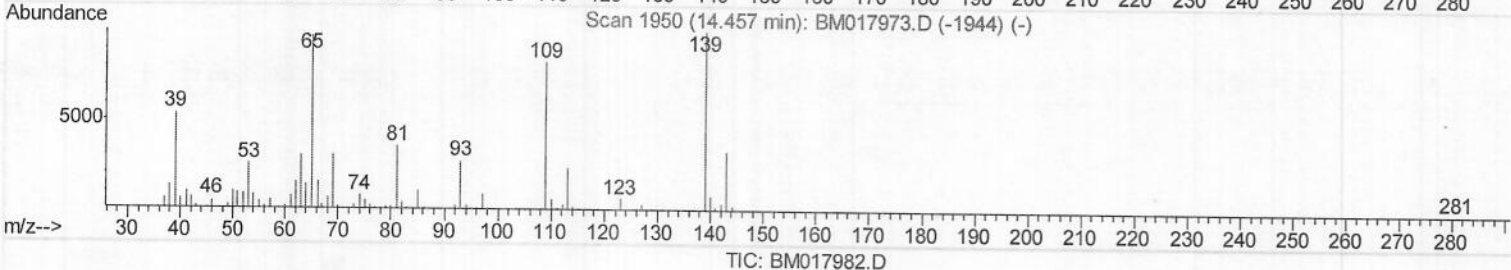
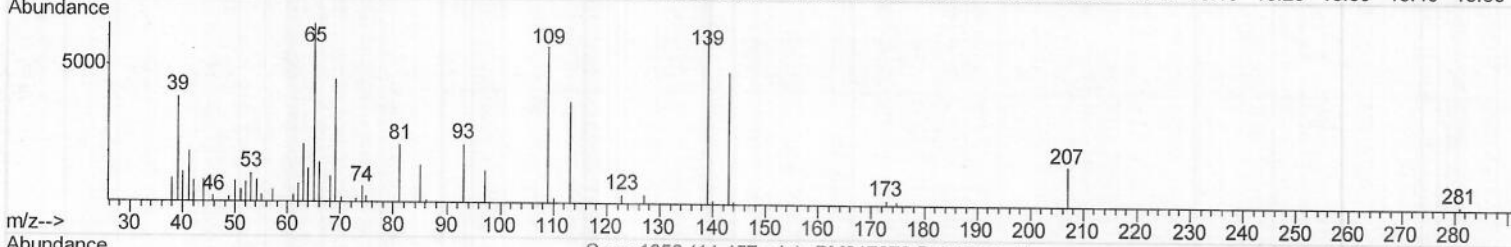
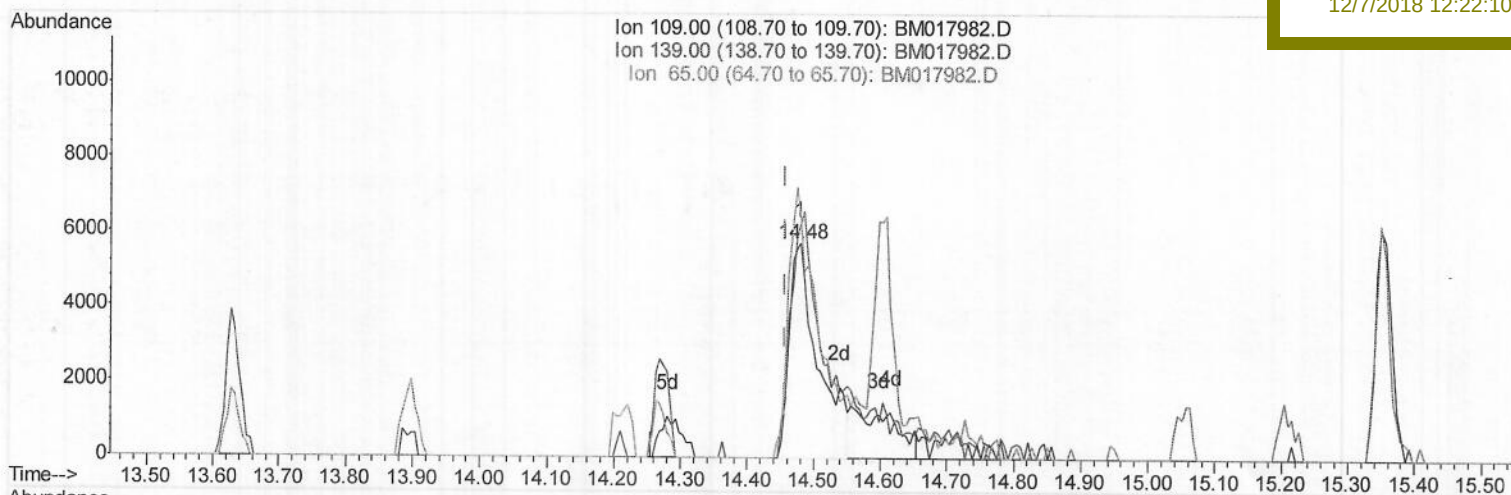
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ALS Vial : 21 Sample Multiplier: 1

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Instrument :  
BNA\_M  
Client Sample ID :  
A4178MS

Manual Integrations  
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(52) 4-Nitrophenol

14.480min (+0.023) 4.37ng/ul m

response 17425

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 109.00 | 100    | 100    |
| 139.00 | 121.70 | 109.02 |
| 65.00  | 130.60 | 113.00 |
| 0.00   | 0.00   | 0.00   |

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A4178MS

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 153410   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 592015   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 307307   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 654543   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.17 | 240  | 718562   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.35 | 264  | 774864   | 20.00 | ng/ul | -0.01    |

System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 6550    | 1.95  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.75  | 99  | 103509  | 7.39  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 225118  | 26.65 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 283608  | 25.87 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 158570  | 13.85 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 148567  | 32.67 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 162332  | 31.15 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 265060  | 26.72 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d      | 0.00  | ng/ul |       |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 832750  | 31.23 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 1028708 | 31.88 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 27699m  | 5.71  | ng/ul | 0.02  |
| 57) Fluorene-d10               | 15.21 | 176 | 724493  | 31.47 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 113391  | 24.23 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.06 | 188 | 1060189 | 32.53 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.37 | 212 | 1191011 | 34.25 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.21 | 264 | 1383910 | 32.93 | ng/ul | -0.01 |

Target Compounds

|                                |       |     |         |        | Qvalue |     |
|--------------------------------|-------|-----|---------|--------|--------|-----|
| 6) Phenol                      | 6.77  | 94  | 97227   | 6.952  | ng/ul  | 91  |
| 10) 2-Chlorophenol             | 7.13  | 128 | 256084  | 23.380 | ng/ul  | 97  |
| 15) N-Nitroso-di-n-propylamine | 8.36  | 70  | 187194  | 20.114 | ng/ul  | 98  |
| 33) 4-Chloro-3-methylphenol    | 11.64 | 107 | 223832  | 21.044 | ng/ul  | 99  |
| 49) Acenaphthene               | 14.27 | 153 | 626399  | 28.839 | ng/ul  | 99  |
| 52) 4-Nitrophenol              | 14.48 | 109 | 17425m  | 4.370  | ng/ul  |     |
| 54) 2,4-Dinitrotoluene         | 14.60 | 165 | 196137  | 25.519 | ng/ul  | 88  |
| 68) Pentachlorophenol          | 16.62 | 266 | 142345  | 27.521 | ng/ul  | 100 |
| 79) Pyrene                     | 19.40 | 202 | 1354428 | 31.051 | ng/ul  | 98  |

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

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