

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM110716\  
Data File : BM007776.D  
Acq On : 07 Nov 2016 17:58  
Operator : UM/SJ  
Sample : H5552-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

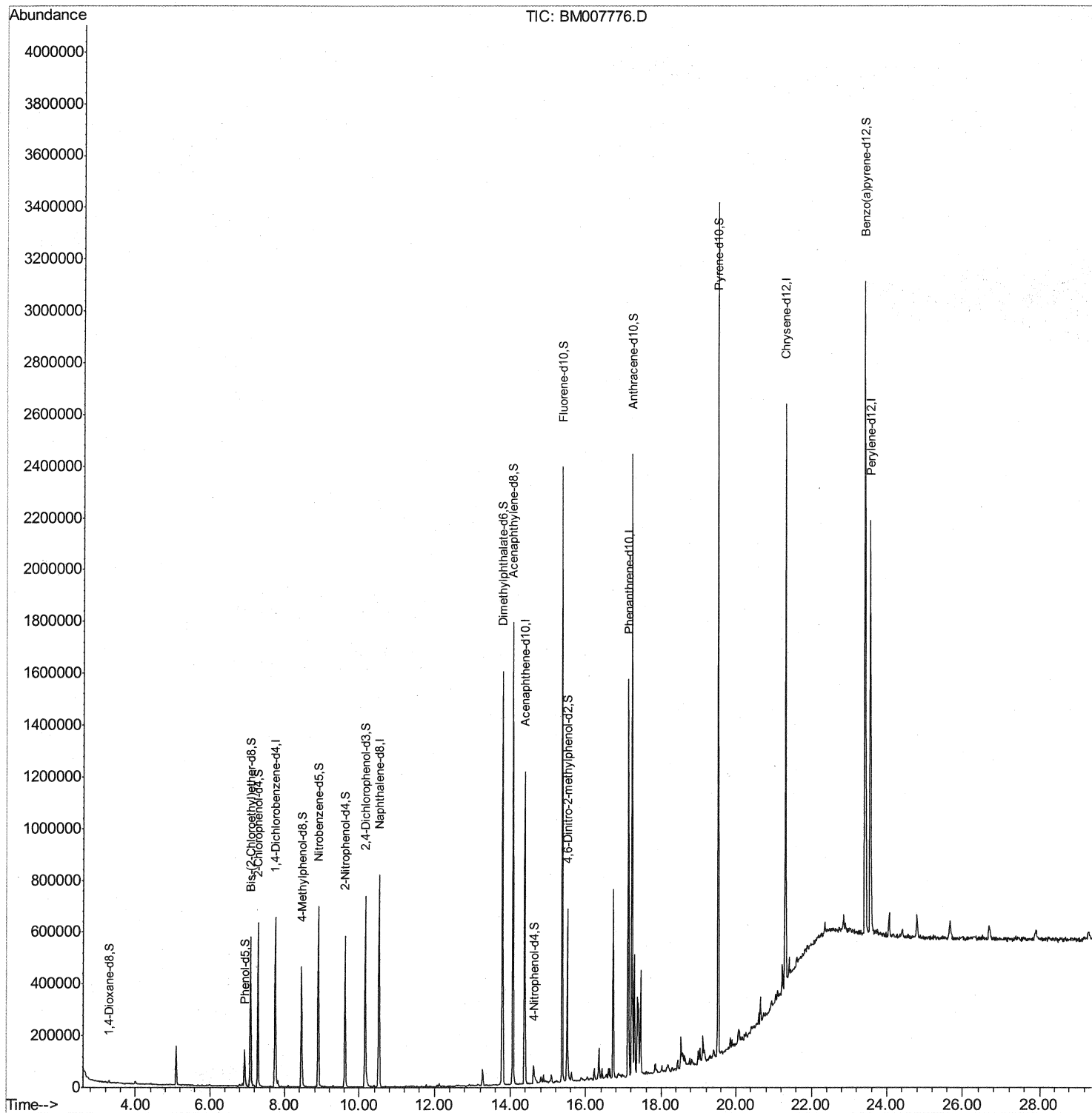
Instrument :  
BNA\_M  
ClientSampleId :  
C0AA2

Manual Integrations  
APPROVED

umangi

Quant Time: Nov 08 03:06:05 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM102016.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Nov 08 02:10:44 2016  
Response via : Initial Calibration

11/8/2016 3:15:21 PM  
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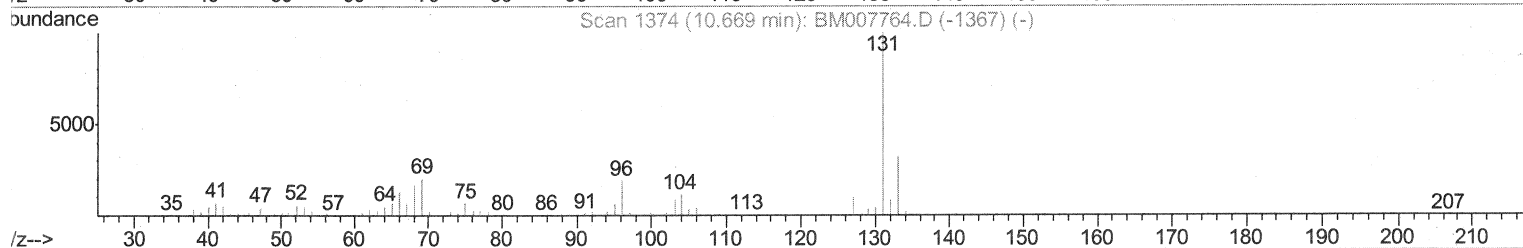
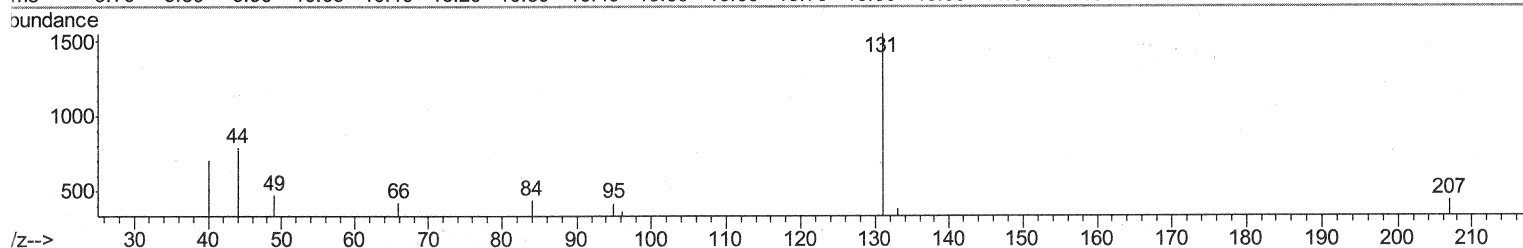
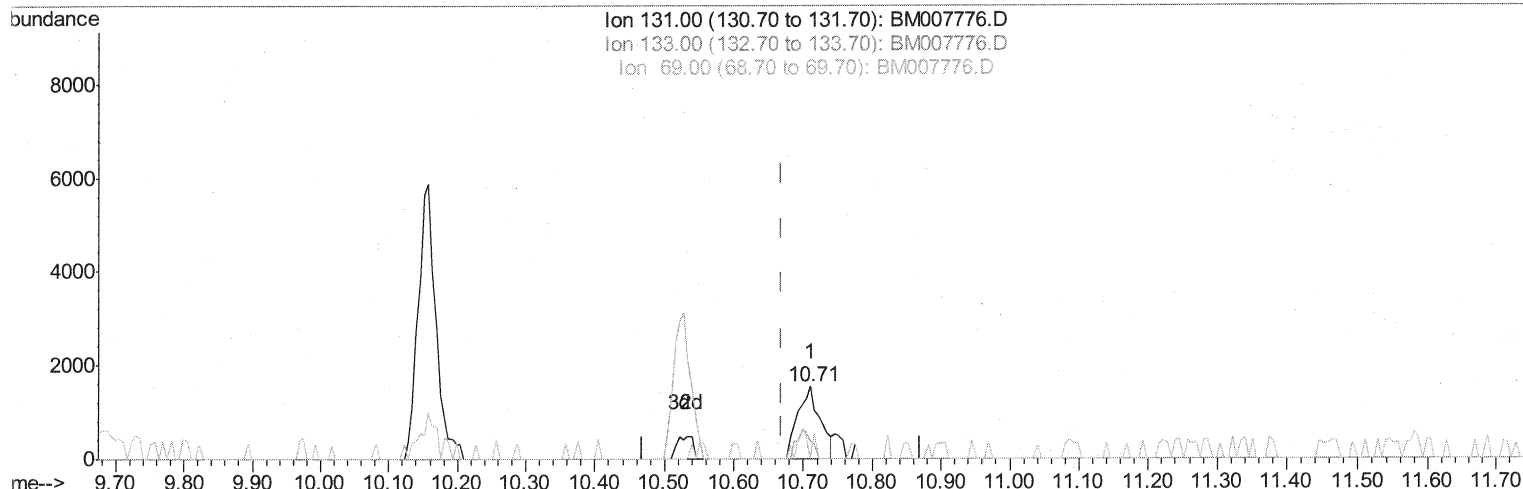
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Quant Time: Nov 08 02:12:30 2016  
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TIC: BM007776.D

(29) 4-Chloroaniline-d4 (S)

10.710min (+0.041) 0.31ng/ul

response 3505

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 33.60 | 24.95# |
| 69.00  | 19.50 | 0.00#  |
| 0.00   | 0.00  | 0.00   |

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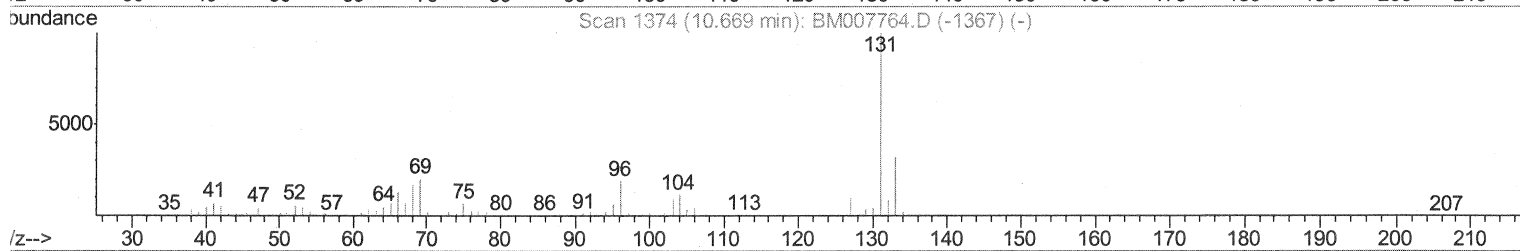
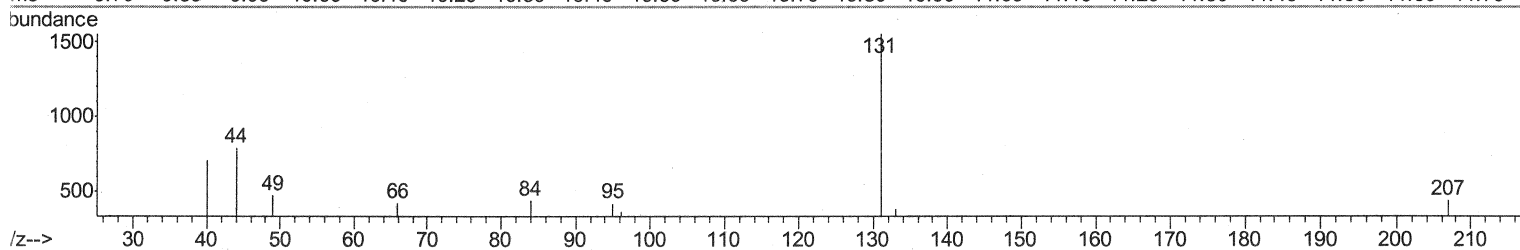
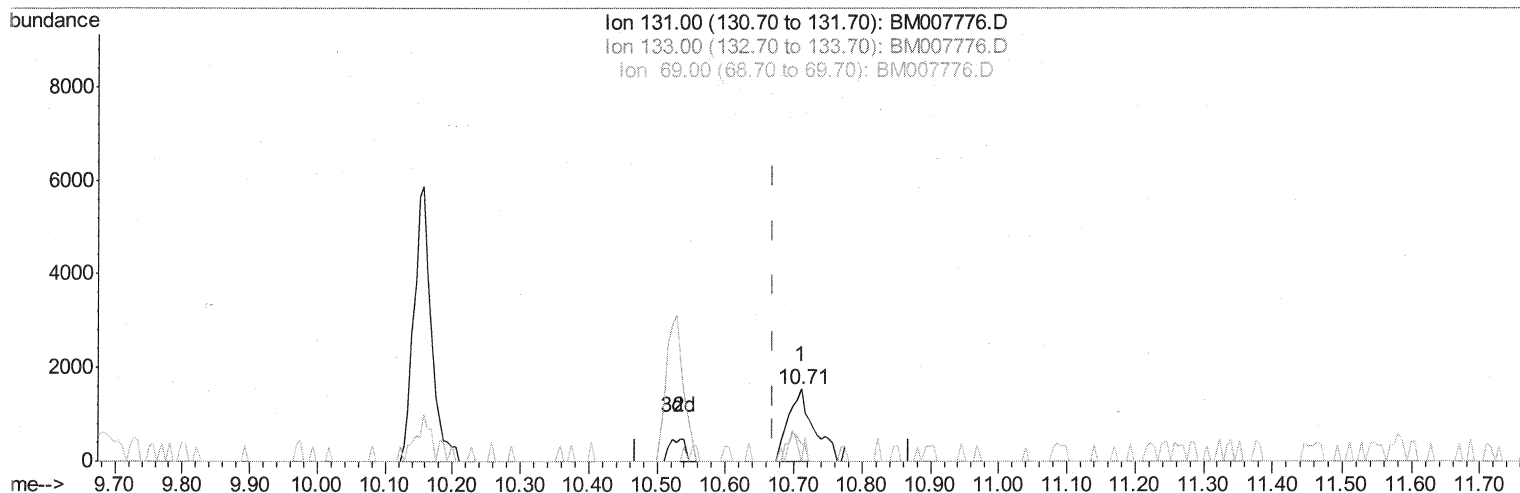
Instrument :  
BNA\_M  
ClientSampleId :  
C0AA2

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(29) 4-Chloroaniline-d4 (S)

10.710min (+0.041) 0.35ng/ul m

response 4005

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 33.60 | 24.95# |
| 69.00  | 19.50 | 0.00#  |
| 0.00   | 0.00  | 0.00   |

52 11/8/16

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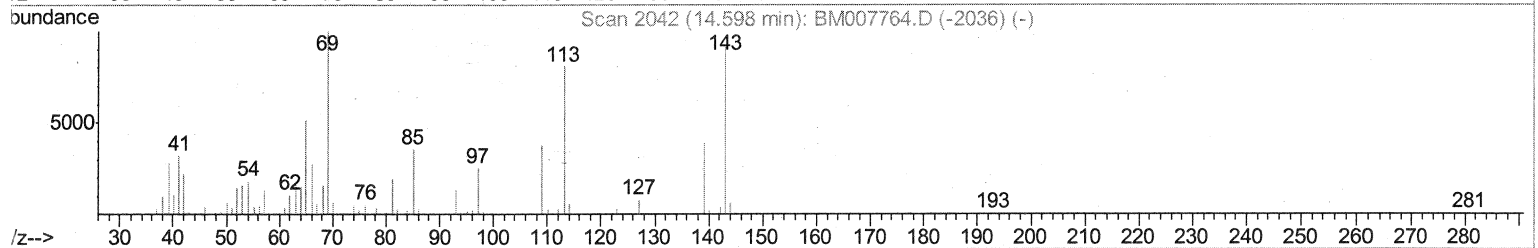
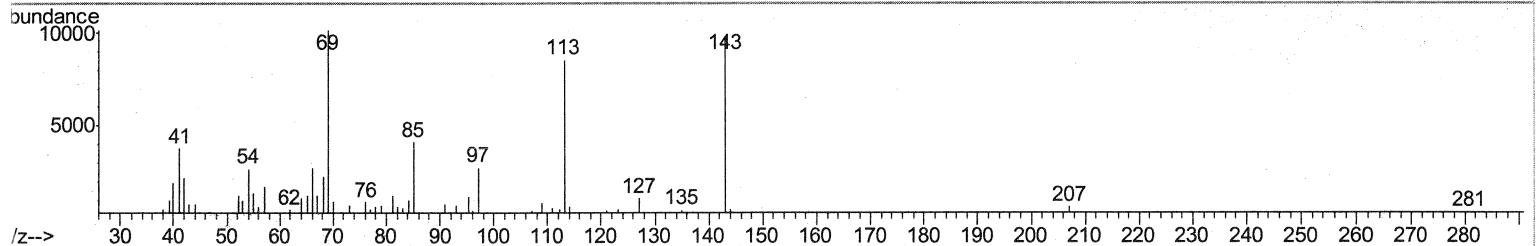
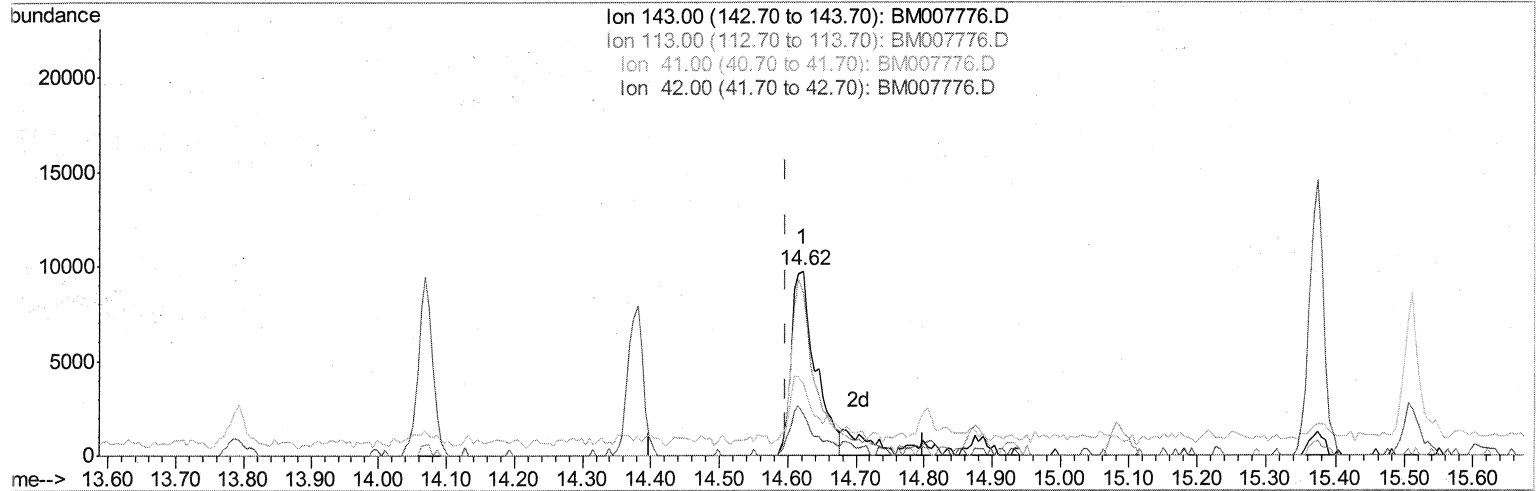
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(51) 4-Nitrophenol-d4 (S)

14.622min (+0.024) 5.10ng/ul

response 23914

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 93.70 | 87.67 |
| 41.00  | 36.40 | 38.98 |
| 42.00  | 22.60 | 22.47 |

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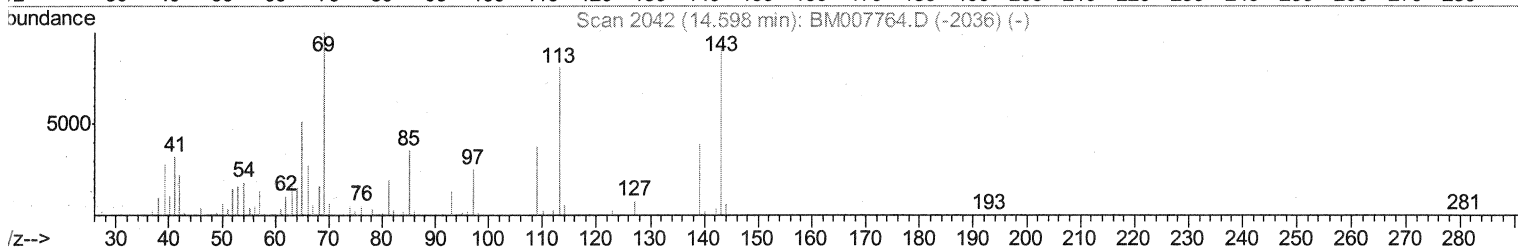
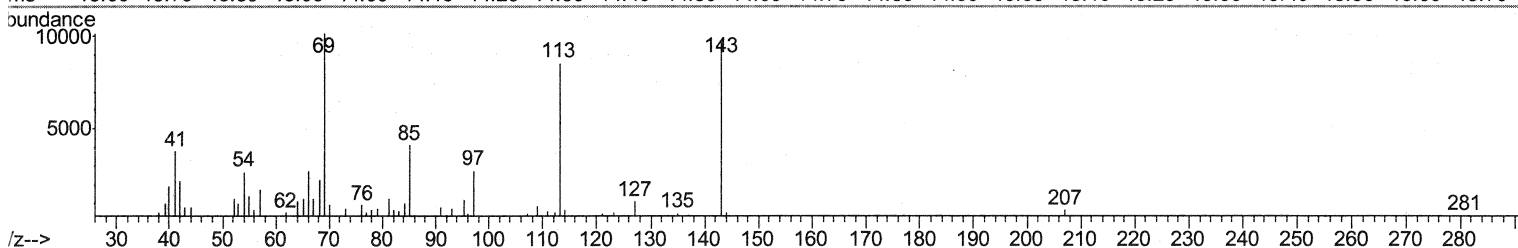
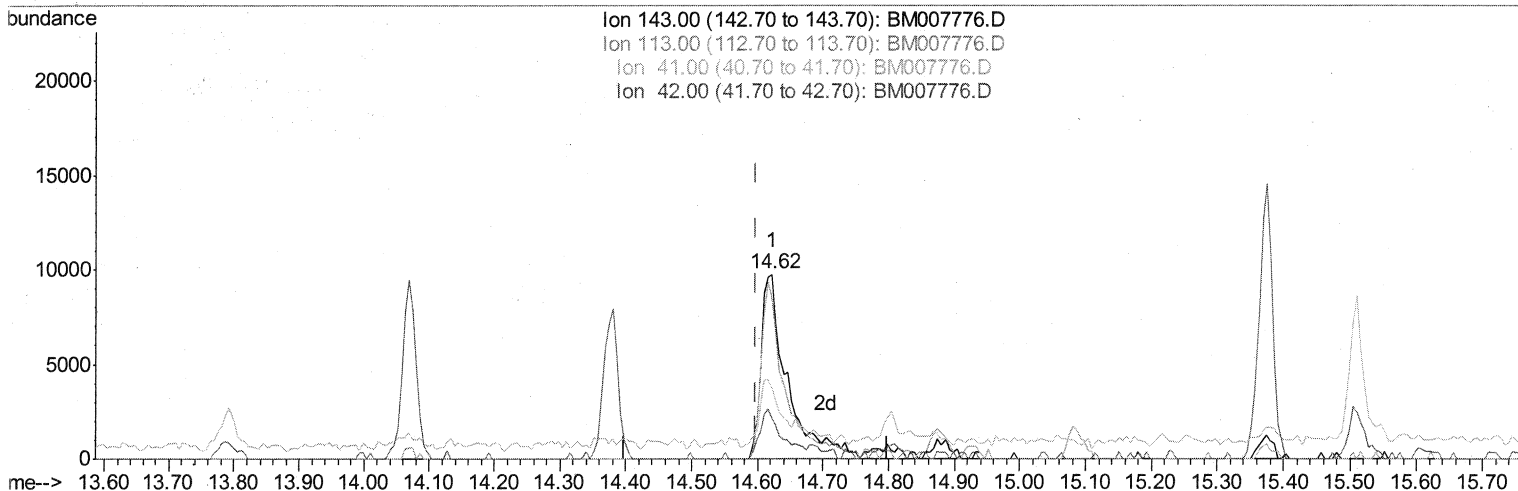
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ClientSampleId :  
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(51) 4-Nitrophenol-d4 (S)

14.622min (+0.024) 5.91ng/ul m

5.91 11/8/16

response 27697

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 93.70 | 87.67 |
| 41.00  | 36.40 | 38.98 |
| 42.00  | 22.60 | 22.47 |

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 173198   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.53 | 136  | 669601   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.38 | 164  | 435353   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.13 | 188  | 881772   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.31 | 240  | 1132317  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.56 | 264  | 1175646  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 5801    | 1.44  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.92  | 99  | 91767   | 6.86  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.09  | 67  | 251475  | 31.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.28  | 132 | 275823  | 26.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.45  | 113 | 175579  | 16.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.90  | 128 | 164315  | 34.10 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.62  | 143 | 181002  | 35.43 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 305950  | 30.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.71 | 131 | 4005m   | 0.35  | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 1045560 | 35.27 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.07 | 160 | 1240235 | 34.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.62 | 143 | 27697m  | 5.91  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.37 | 176 | 904756  | 34.82 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 146652  | 27.99 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.22 | 188 | 1411784 | 35.53 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.52 | 212 | 1660675 | 35.70 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.42 | 264 | 1805173 | 35.17 | ng/ul | 0.00 |

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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