

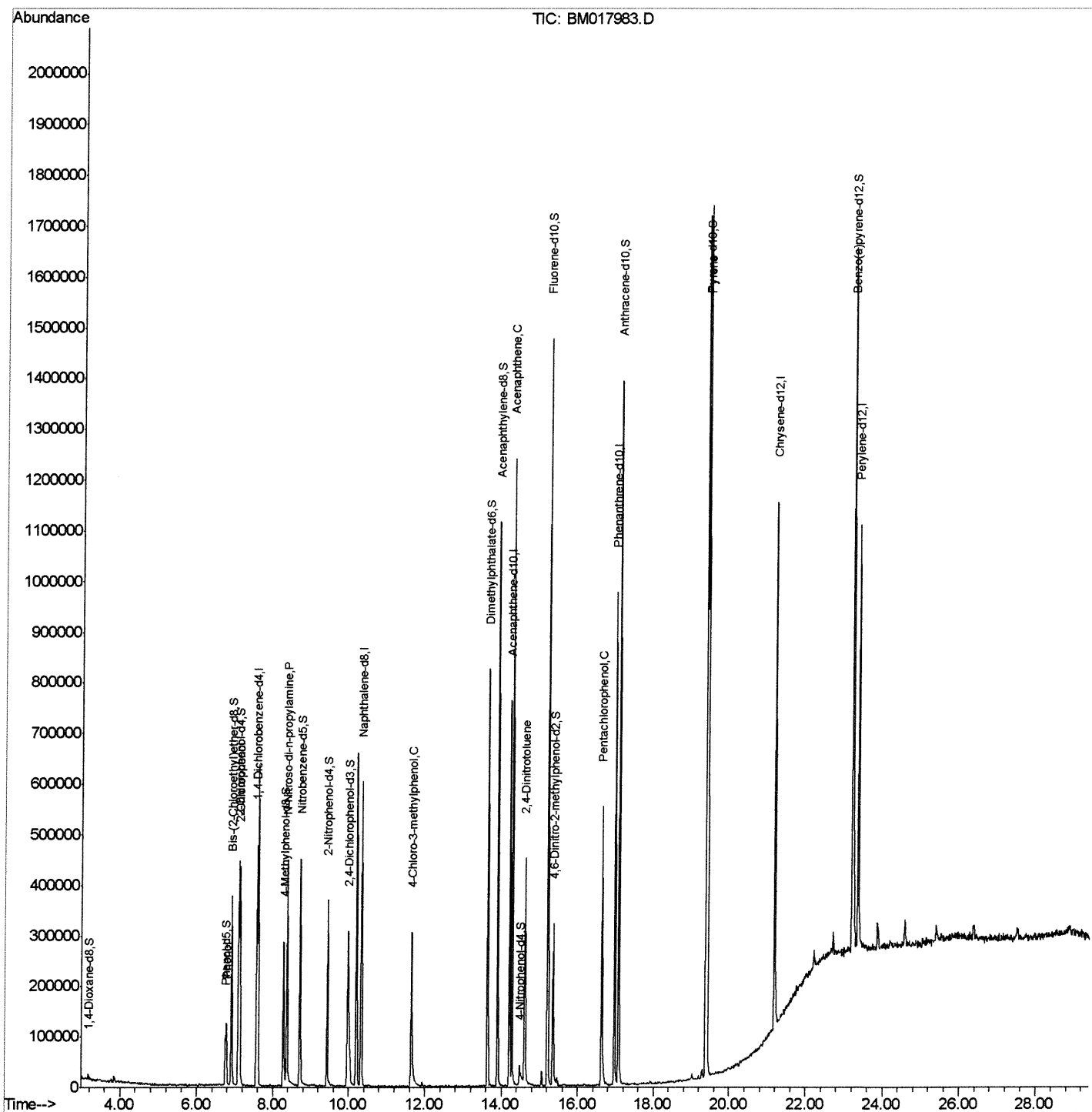
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120718\  
 Quantitation Report (QT Reviewed)  
 Data File : BM017983.D  
 Acq On : 07 Dec 2018 01:02  
 Operator : JU/SJ  
 Sample : J6155-08MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4178MSD

Manual Integrations  
 APPROVED

mohammad  
 12/7/2018 12:22:13 PM

Quant Time: Dec 07 07:45:18 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



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

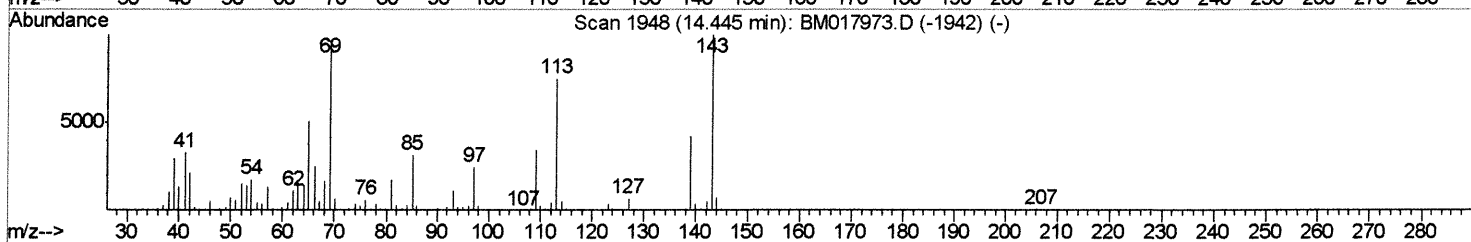
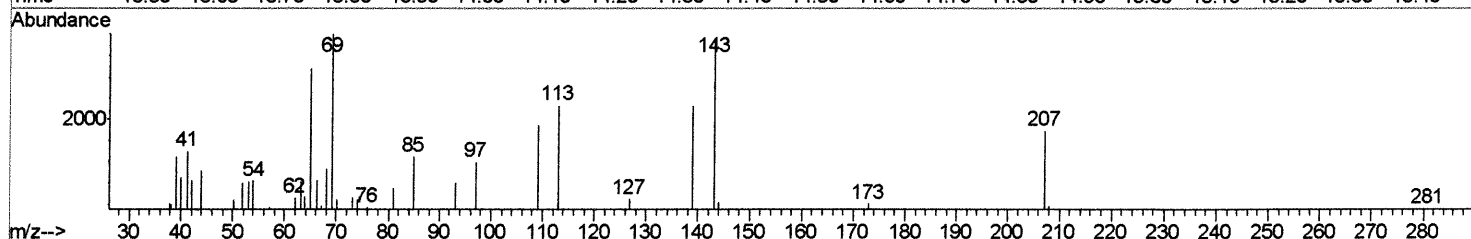
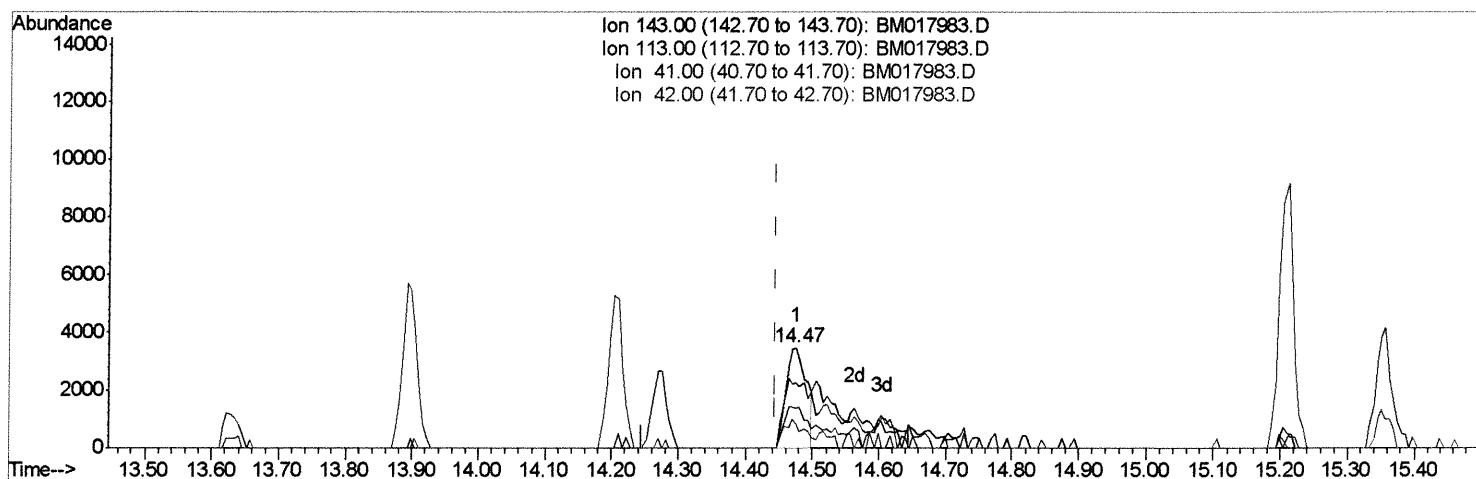
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TIC: BM017983.D

(51) 4-Nitrophenol-d4 (S)

14.474min (+0.029) 1.85ng/ul

response 7605

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 79.10 | 65.11 |
| 41.00  | 40.10 | 40.06 |
| 42.00  | 26.80 | 24.33 |

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Quantitation Report (Qedit)

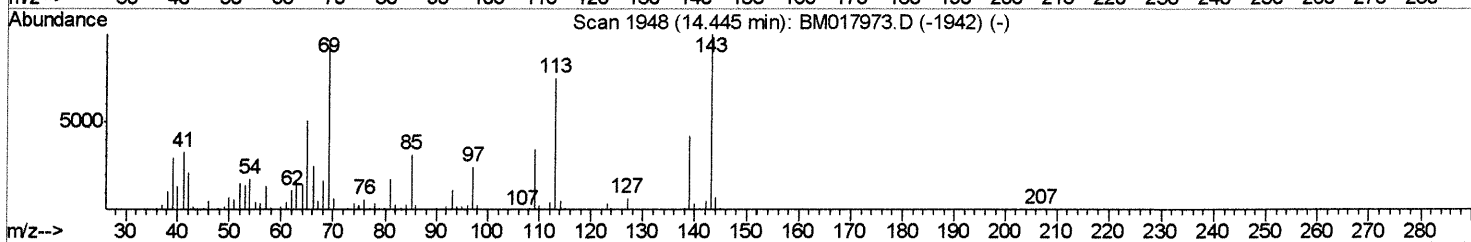
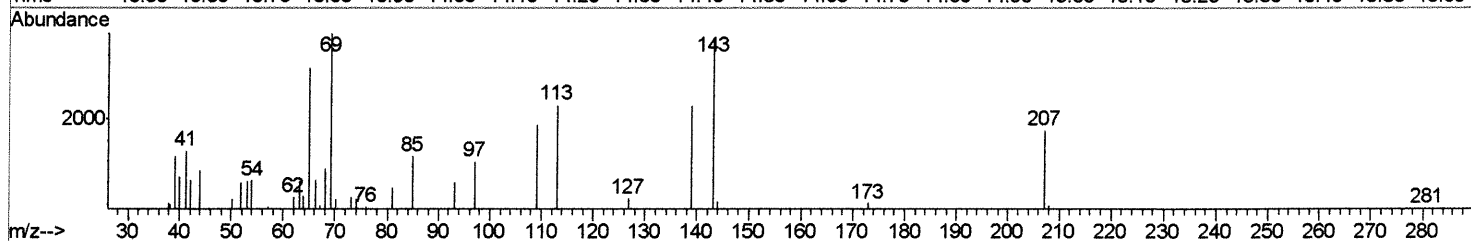
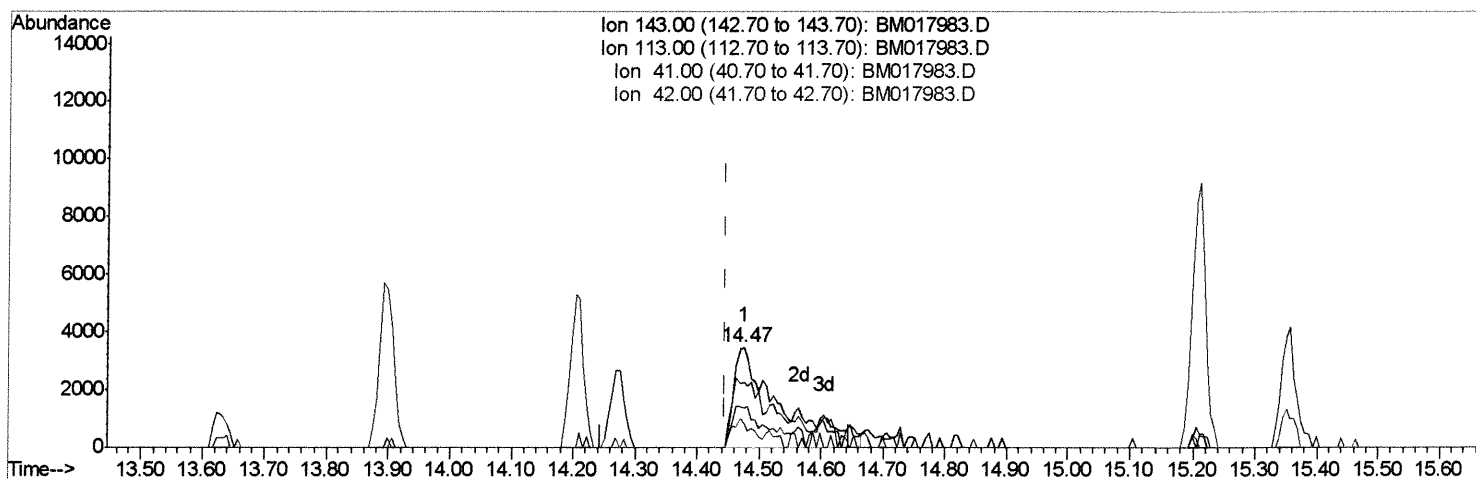
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Operator : JU/SJ  
Sample : J6155-08MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Response via : Initial Calibration



TIC: BM017983.D

(51) 4-Nitrophenol-d4 (S)

14.474min (+0.029) 4.37ng/ul m > SJ 12/11/18

response 17990

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 79.10 | 65.11 |
| 41.00  | 40.10 | 40.06 |
| 42.00  | 26.80 | 24.33 |

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

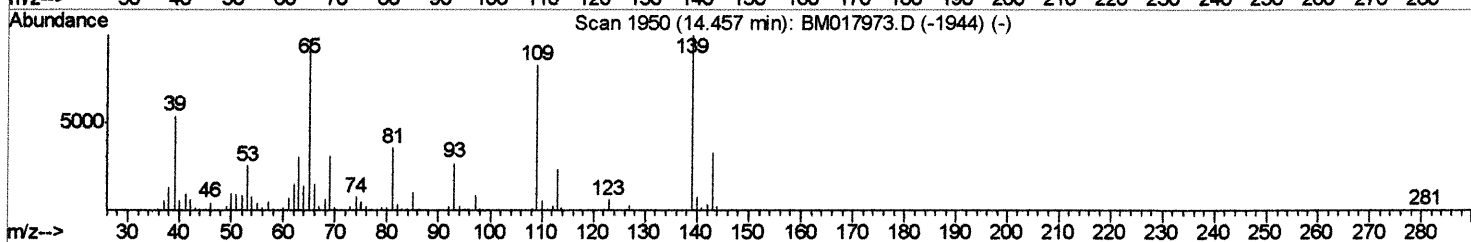
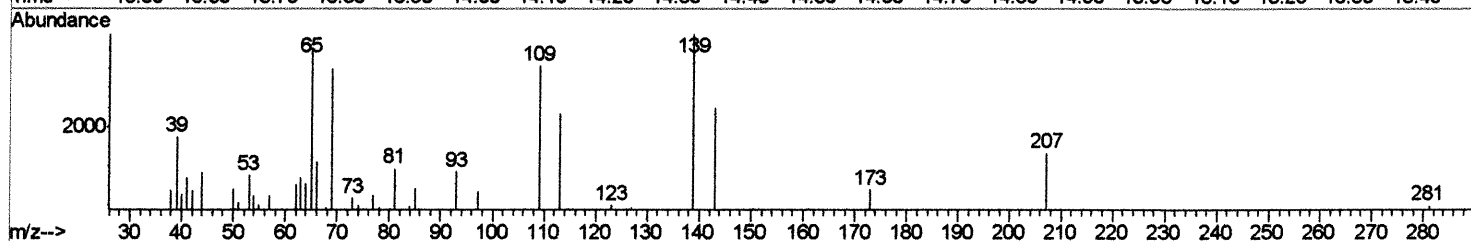
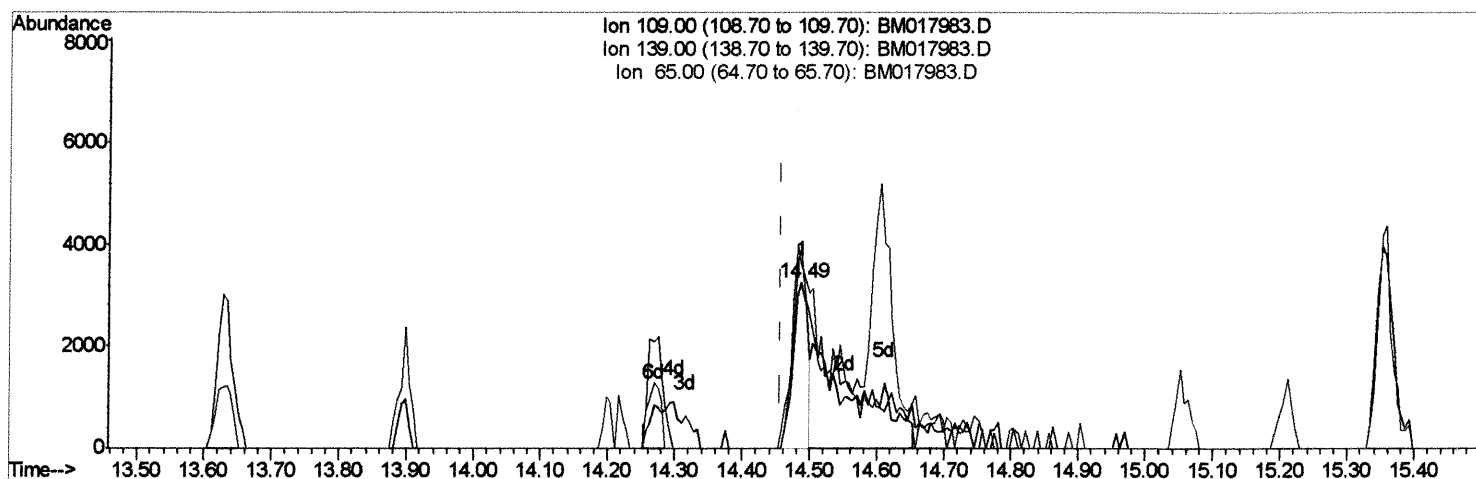
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ALS Vial : 22 Sample Multiplier: 1

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TIC: BM017983.D

(52) 4-Nitrophenol

14.486min (+0.029) 1.48ng/ul

response 5003

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 109.00 | 100    | 100    |
| 139.00 | 121.70 | 119.74 |
| 65.00  | 130.60 | 111.36 |
| 0.00   | 0.00   | 0.00   |

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

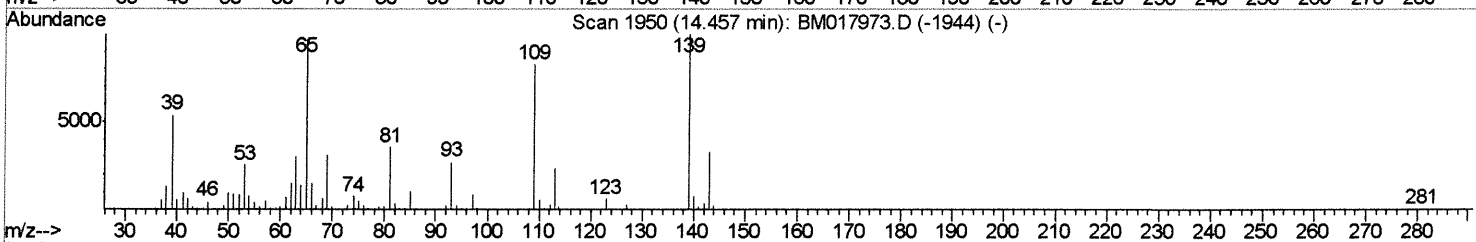
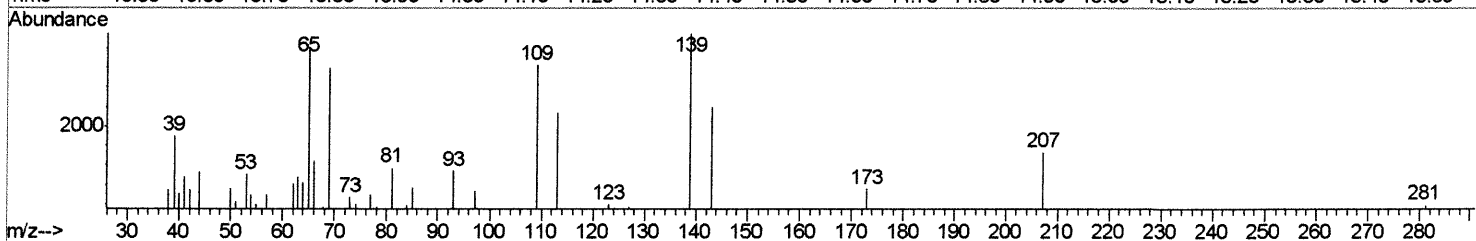
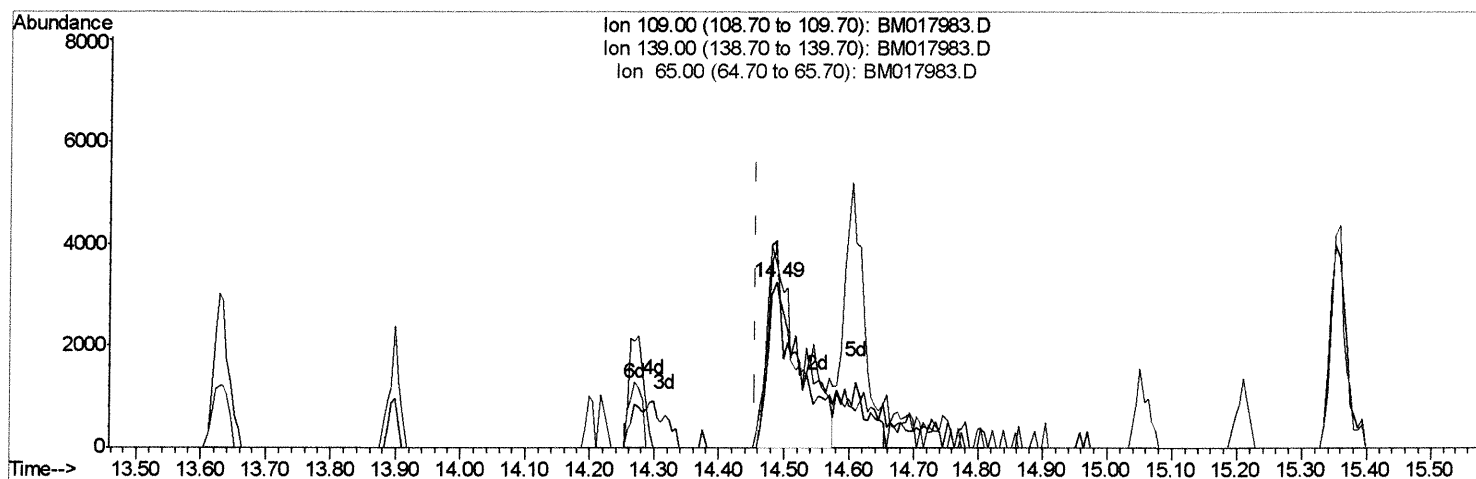
Data File : BM017983.D  
Acq On : 07 Dec 2018 01:02  
Operator : JU/SJ  
Sample : J6155-08MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4178MSD

Manual Integrations  
APPROVED

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TIC: BM017983.D

(52) 4-Nitrophenol

14.486min (+0.029) 3.24ng/ul m) SJ 12/11/18

response 10977

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 109.00 | 100    | 100    |
| 139.00 | 121.70 | 119.74 |
| 65.00  | 130.60 | 111.36 |
| 0.00   | 0.00   | 0.00   |

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 Data File : BM017983.D  
 Acq On : 07 Dec 2018 01:02  
 Operator : JU/SJ  
 Sample : J6155-08MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

mohammad  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 130751   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 514969   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 260840   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 557700   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.17 | 240  | 595861   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.35 | 264  | 656424   | 20.00 | ng/ul | -0.01    |

#### System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.17  | 96  | 6032    | 2.11  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.75  | 99  | 71704   | 6.00  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 165568  | 22.99 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.10  | 132 | 214244  | 22.93 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 116872  | 11.98 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 114610  | 28.98 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 124378  | 27.44 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165 | 203020  | 23.53 | ng/ul | 0.01  |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d      | 0.00  | ng/ul |       |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 634360  | 28.03 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 803651  | 29.34 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.47 | 143 | 17990m> | 4.37  | ng/ul | 0.03  |
| 57) Fluorene-d10               | 15.21 | 176 | 548359  | 28.06 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 81572   | 20.46 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.06 | 188 | 810646  | 29.20 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.37 | 212 | 901366  | 31.26 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.21 | 264 | 1045415 | 29.36 | ng/ul | -0.01 |

SJ 12/11/18

#### Target Compounds

|                                |       |     |         |        | Qvalue   |
|--------------------------------|-------|-----|---------|--------|----------|
| 6) Phenol                      | 6.77  | 94  | 68844   | 5.776  | ng/ul 94 |
| 10) 2-Chlorophenol             | 7.13  | 128 | 196945  | 21.097 | ng/ul 95 |
| 15) N-Nitroso-di-n-propylamine | 8.36  | 70  | 158124  | 19.935 | ng/ul 95 |
| 33) 4-Chloro-3-methylphenol    | 11.64 | 107 | 164848  | 17.817 | ng/ul 97 |
| 49) Acenaphthene               | 14.27 | 153 | 505706  | 27.430 | ng/ul 99 |
| 52) 4-Nitrophenol              | 14.49 | 109 | 10977m> | 3.243  | ng/ul    |
| 54) 2,4-Dinitrotoluene         | 14.60 | 165 | 147625  | 22.629 | ng/ul 89 |
| 68) Pentachlorophenol          | 16.62 | 266 | 109361  | 24.815 | ng/ul 99 |
| 79) Pyrene                     | 19.40 | 202 | 1064403 | 29.427 | ng/ul 99 |

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