

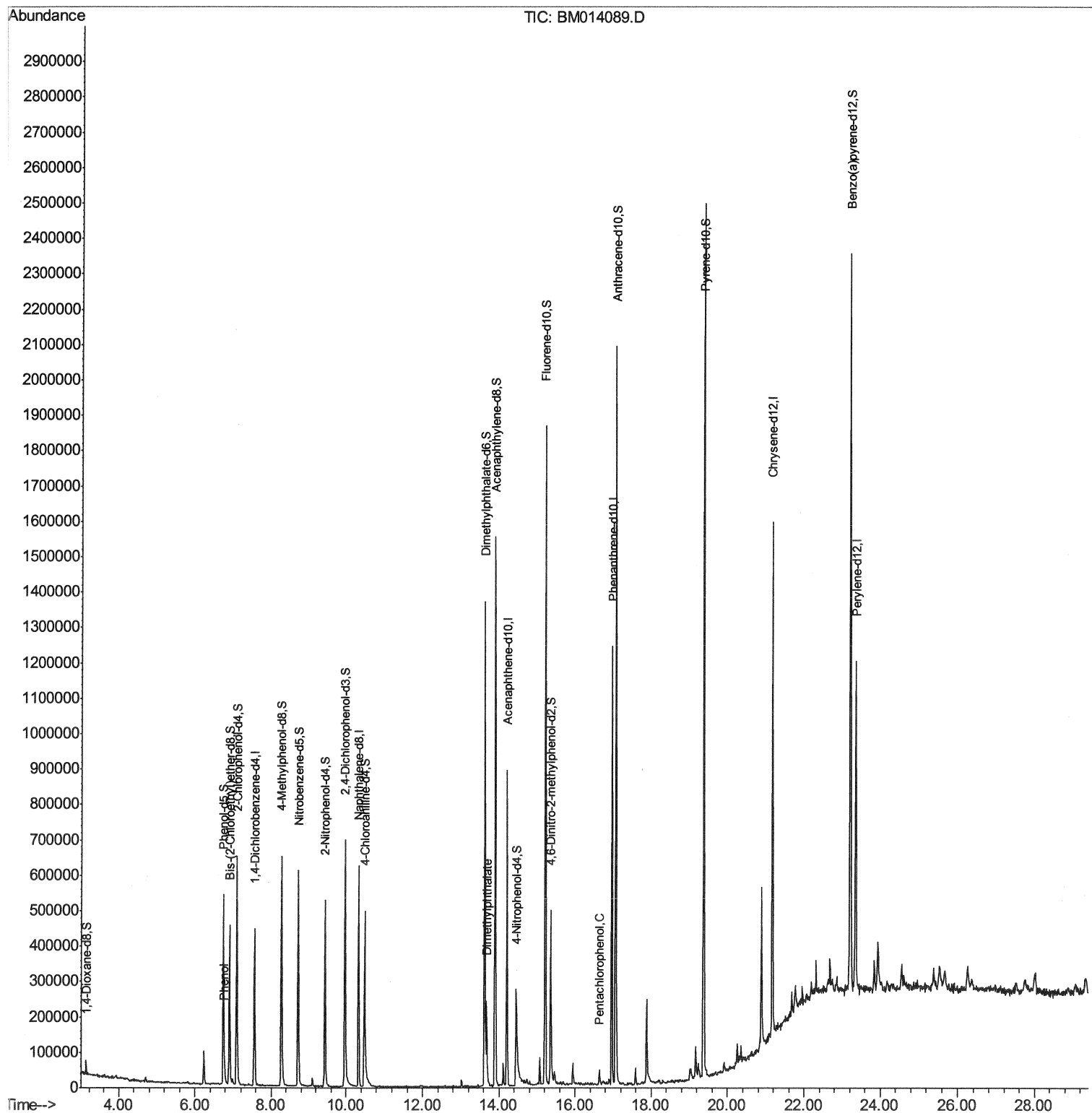
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\  
Data File : BM014089.D  
Acq On : 02 Feb 2018 00:34  
Operator : SJ/JU  
Sample : J1317-05  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6C76

Manual Integrations  
APPROVED

Sohil  
2/2/2018 4:39:39 PM

Quant Time: Feb 02 03:26:32 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 02 03:15:28 2018  
Response via : Initial Calibration



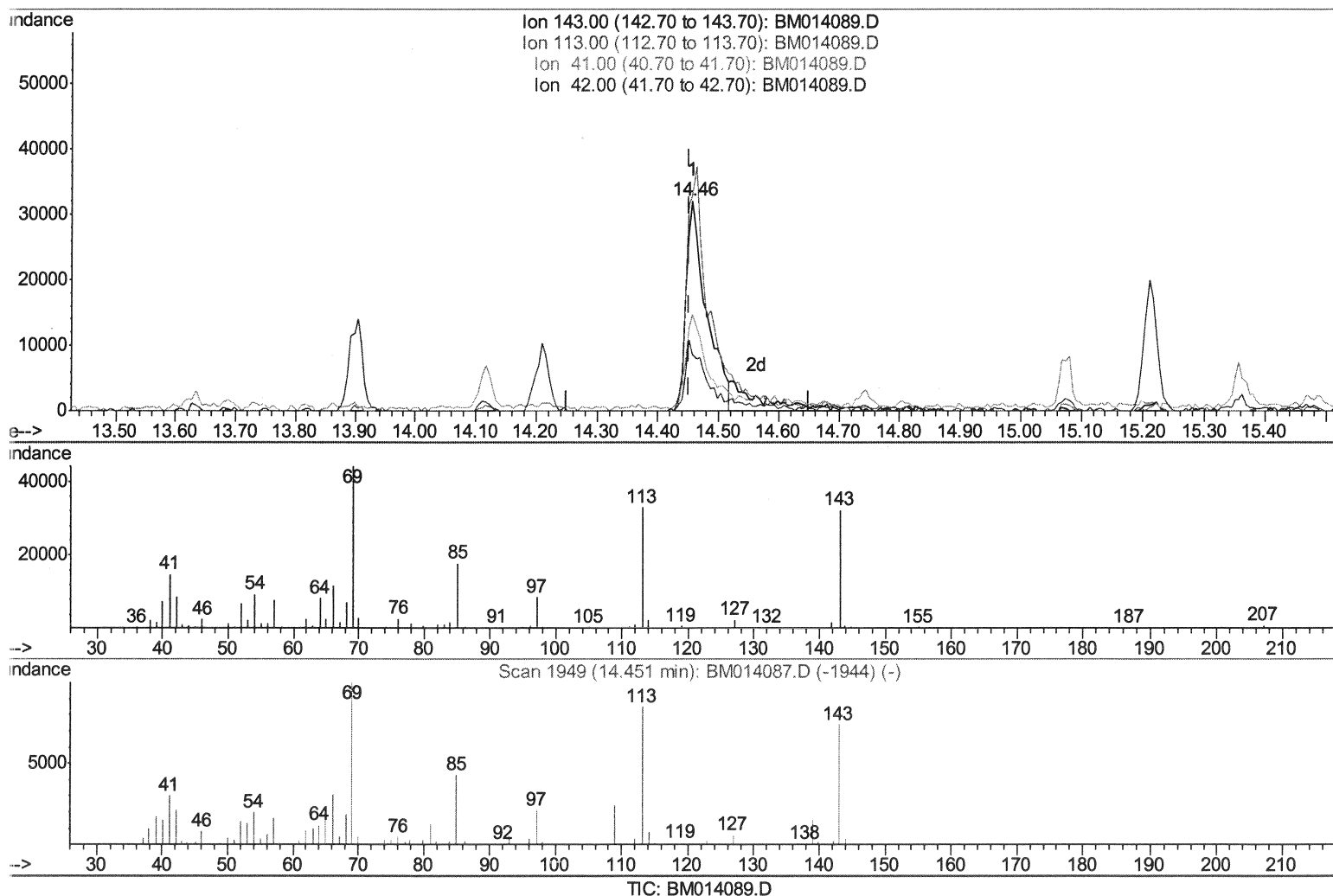
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(51) 4-Nitrophenol-d4 (S)

14.457min (+0.006) 23.51ng/ul

response 74798

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 102.69 |
| 41.00  | 34.80  | 45.87# |
| 42.00  | 20.50  | 26.71# |

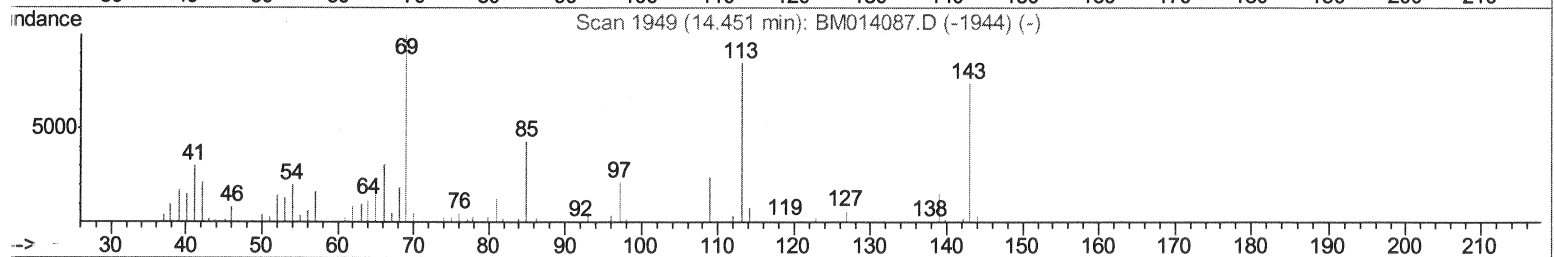
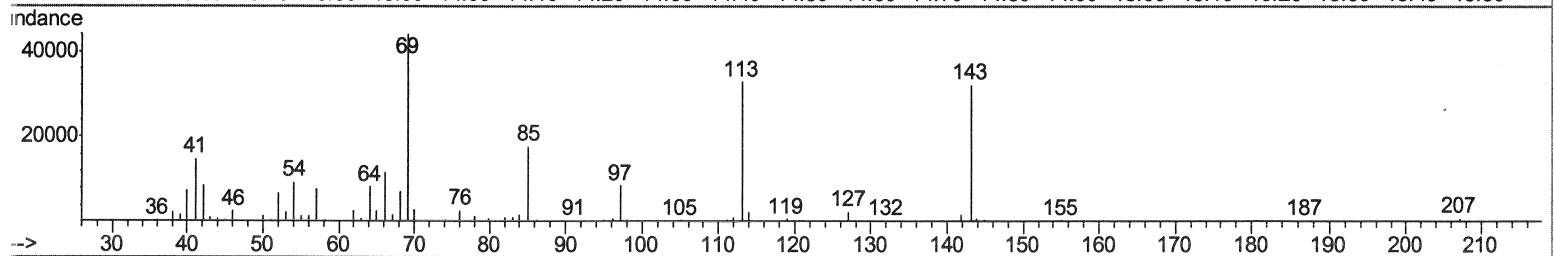
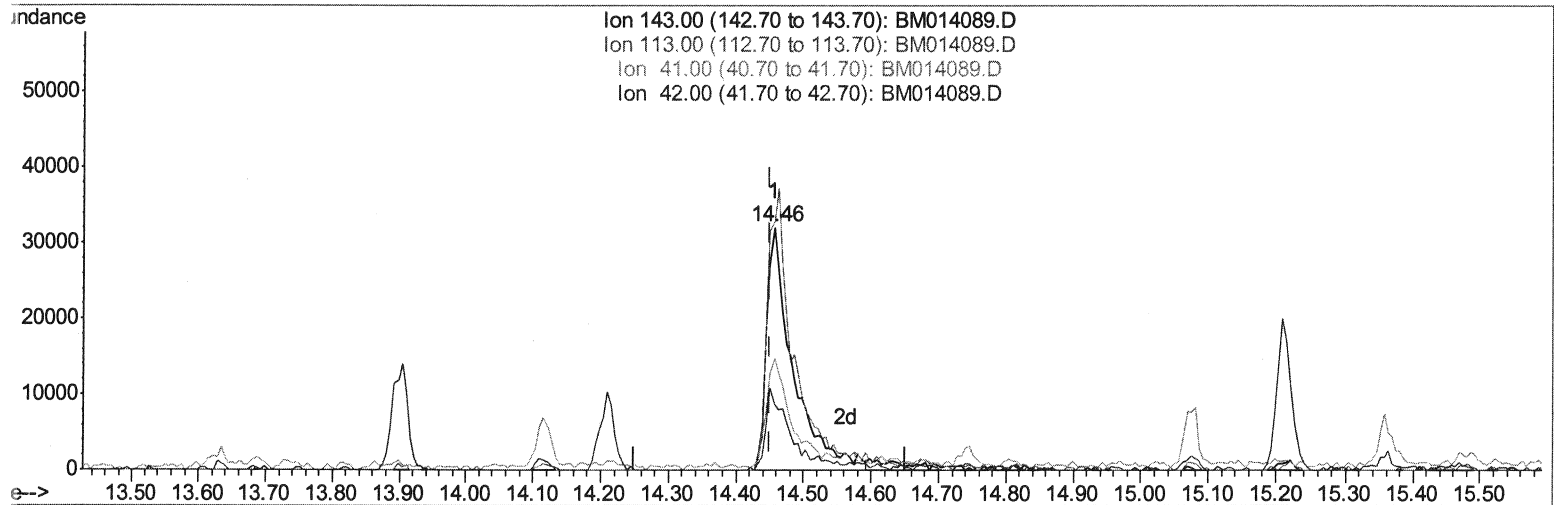
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Response via : Initial Calibration



TIC: BM014089.D

(51) 4-Nitrophenol-d4 (S)

14.457min (+0.006) 26.90ng/ul m

response 85580

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 102.69 |
| 41.00  | 34.80  | 45.87# |
| 42.00  | 20.50  | 26.71# |

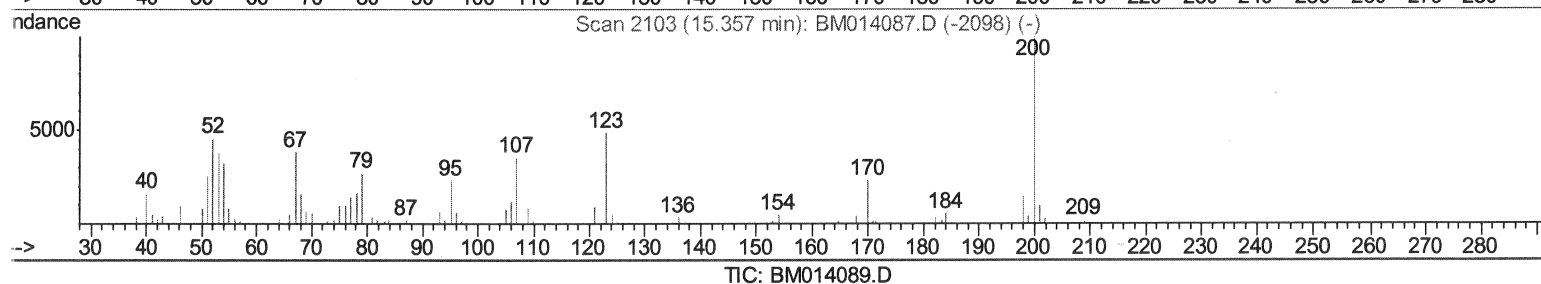
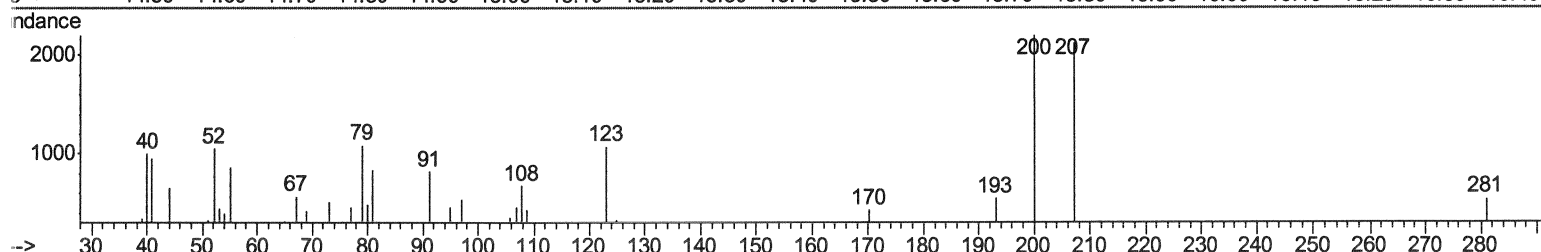
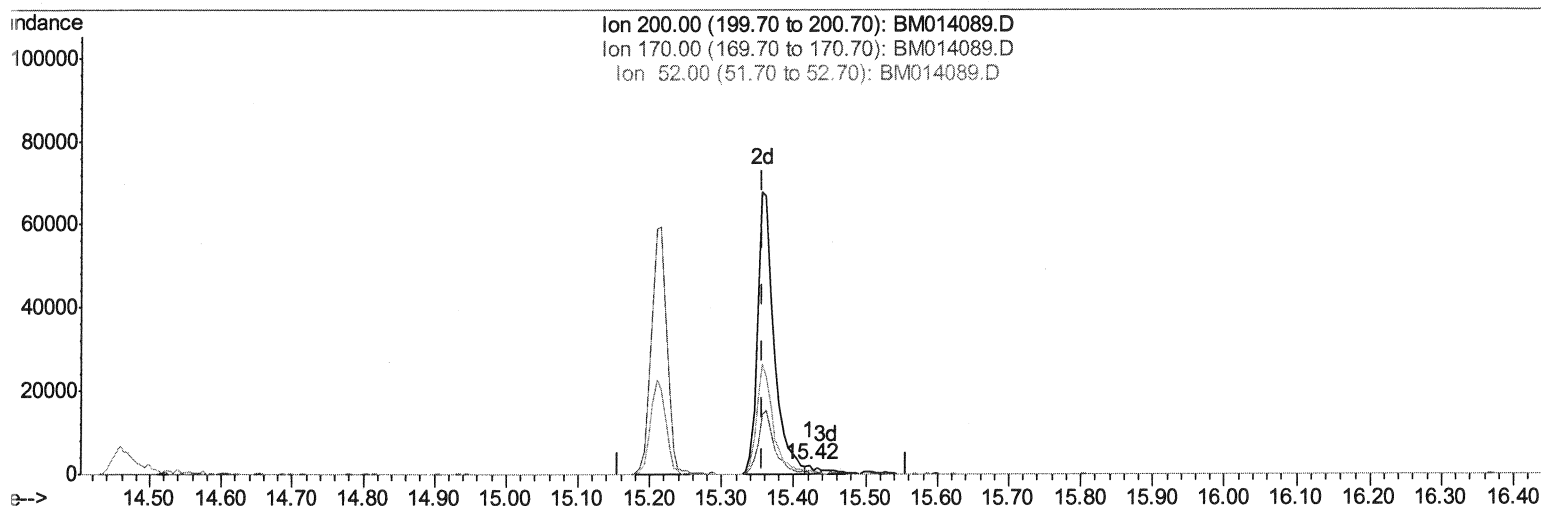
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Instrument :  
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ClientSampleId :  
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Manual Integrations  
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Quant Time: Feb 02 03:25:33 2018  
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Response via : Initial Calibration



TIC: BM014089.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.421min (+0.065) 0.44ng/ul

response 1754

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 200.00 | 100   | 100   |
| 170.00 | 23.50 | 19.57 |
| 52.00  | 49.50 | 47.88 |
| 0.00   | 0.00  | 0.00  |

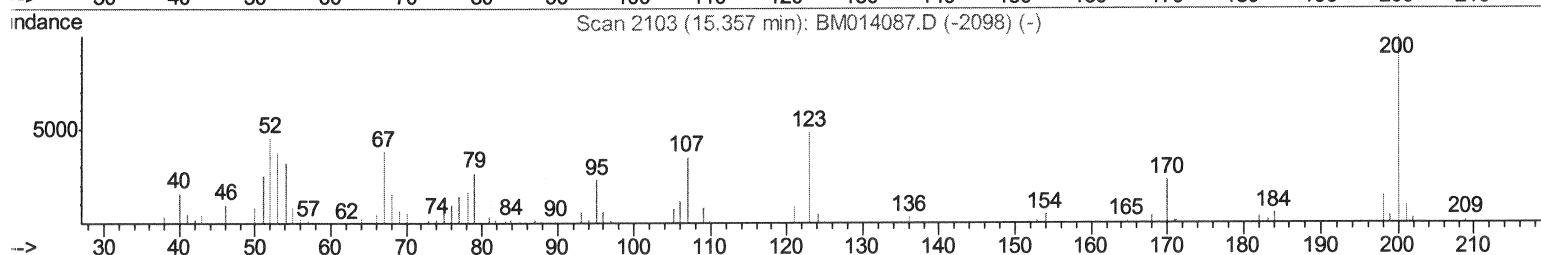
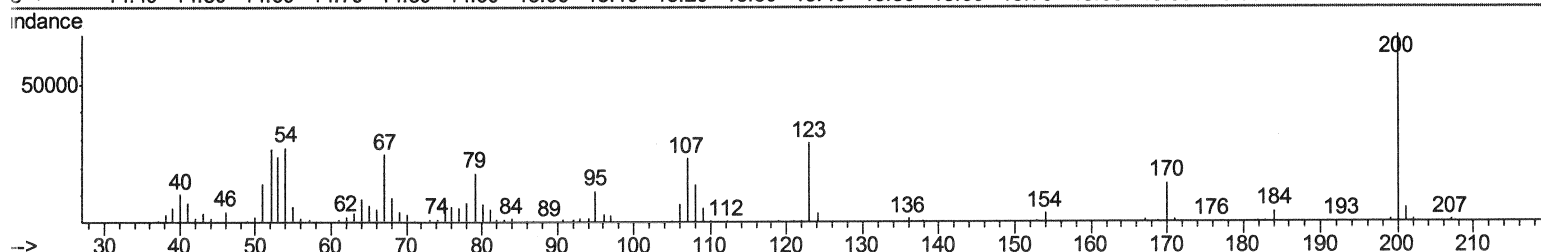
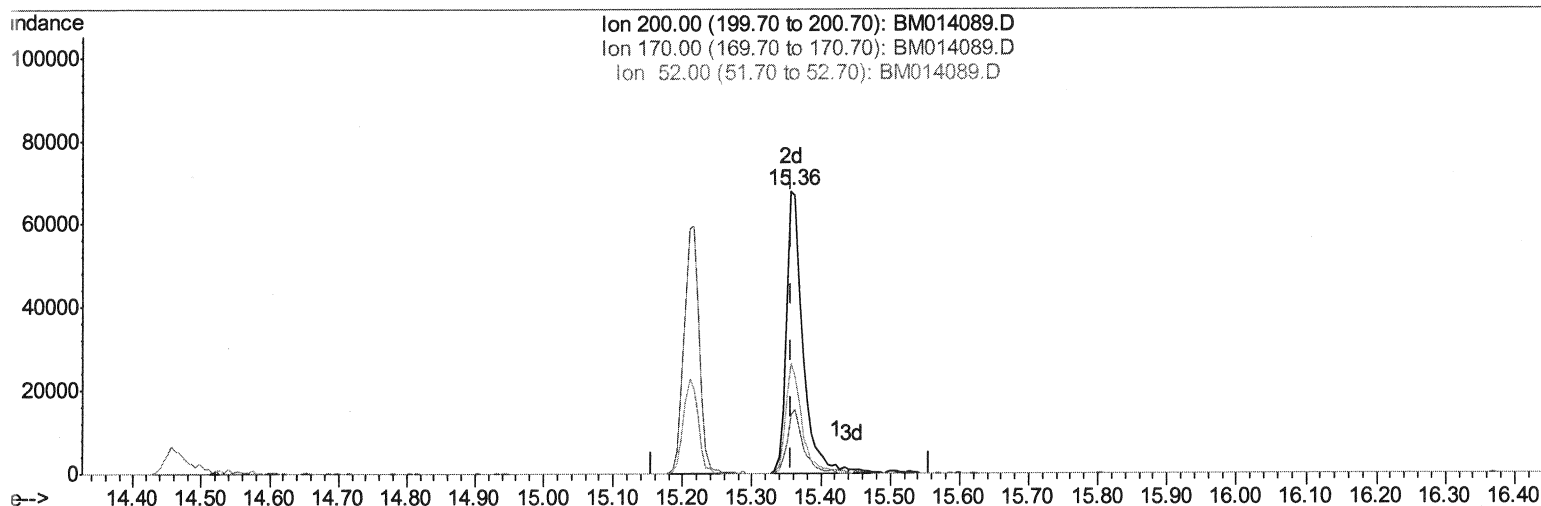
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\  
 Data File : BM014089.D  
 Acq On : 02 Feb 2018 00:34  
 Operator : SJ/JU  
 Sample : J1317-05  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6C76

Manual Integrations  
 APPROVED

Sohil  
 2/2/2018 4:39:39 PM

Quant Time: Feb 02 03:25:33 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
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 QLast Update : Fri Feb 02 03:15:28 2018  
 Response via : Initial Calibration



TIC: BM014089.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.357min (0.000) 28.26ng/ul m

response 111758

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 23.50 | 21.12  |
| 52.00  | 49.50 | 39.15# |
| 0.00   | 0.00  | 0.00   |

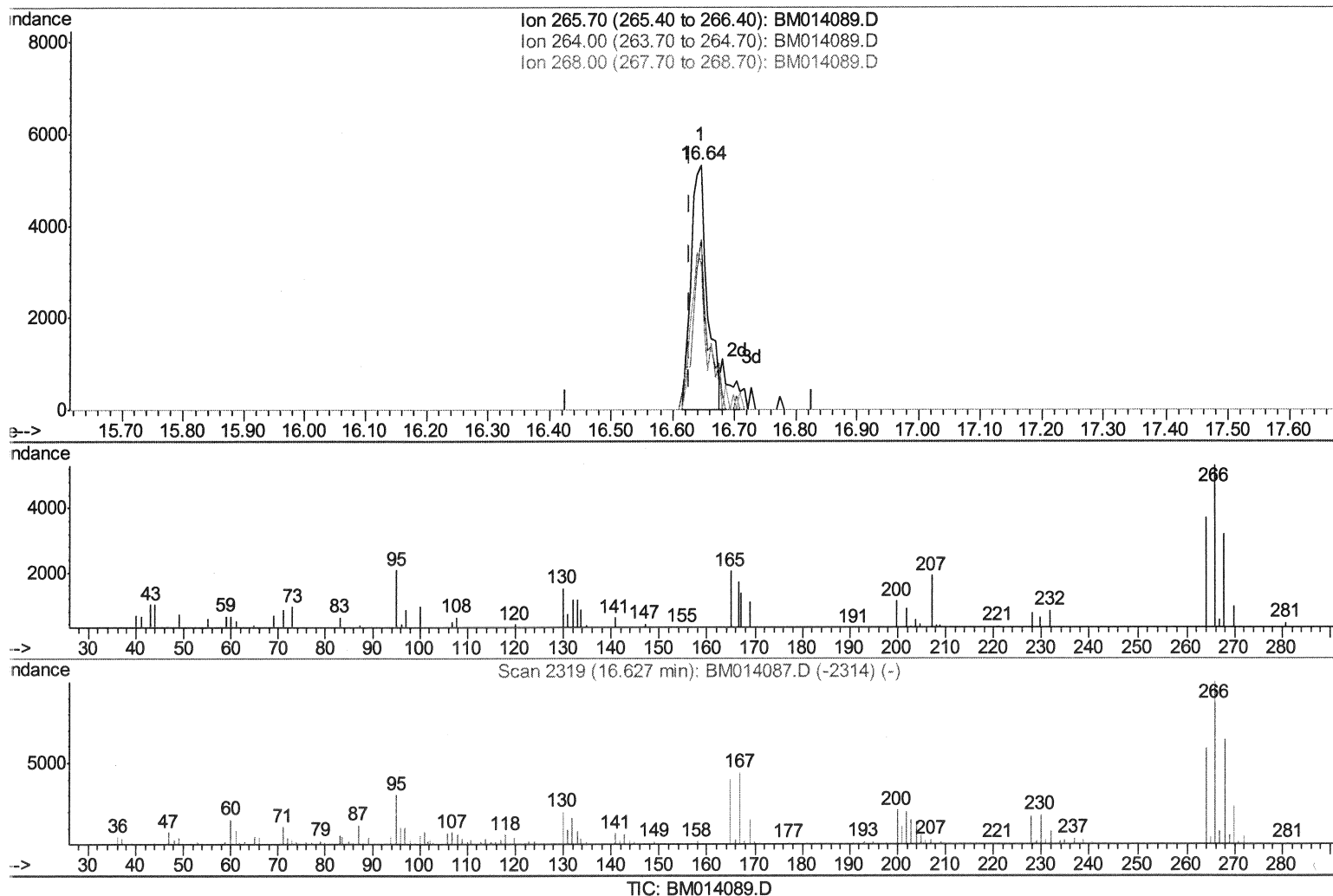
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\  
 Data File : BM014089.D  
 Acq On : 02 Feb 2018 00:34  
 Operator : SJ/JU  
 Sample : J1317-05  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 F6C76

Manual Integrations  
 APPROVED

Sohil  
 2/2/2018 4:39:39 PM

Quant Time: Feb 02 03:26:03 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 02 03:15:28 2018  
 Response via : Initial Calibration



(68) Pentachlorophenol (C)

16.645min (+0.018) 2.32ng/ui

response 9785

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 265.70 | 100   | 100   |
| 264.00 | 61.60 | 69.52 |
| 268.00 | 65.70 | 59.84 |
| 0.00   | 0.00  | 0.00  |

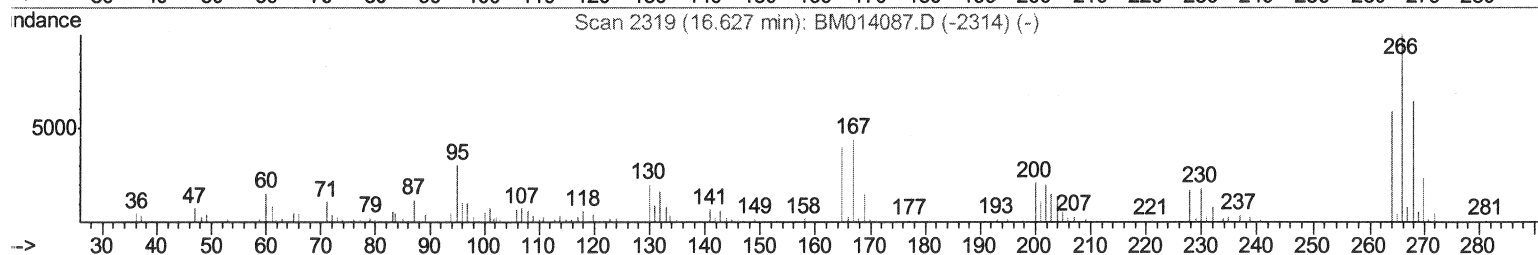
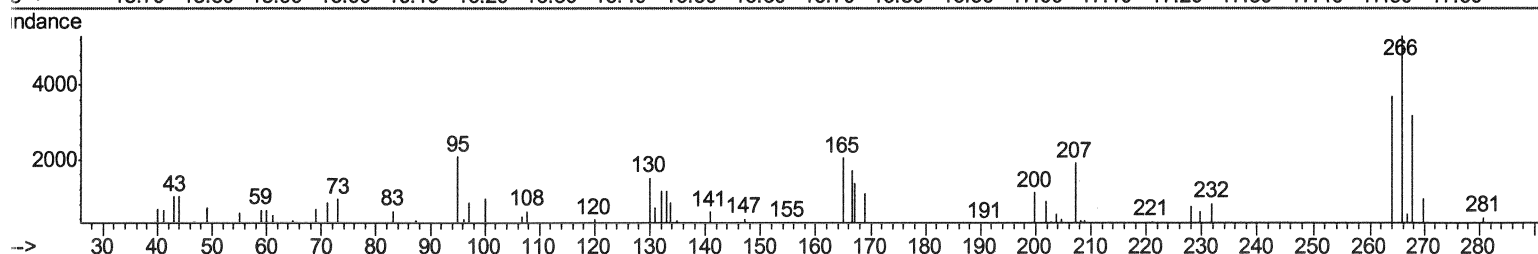
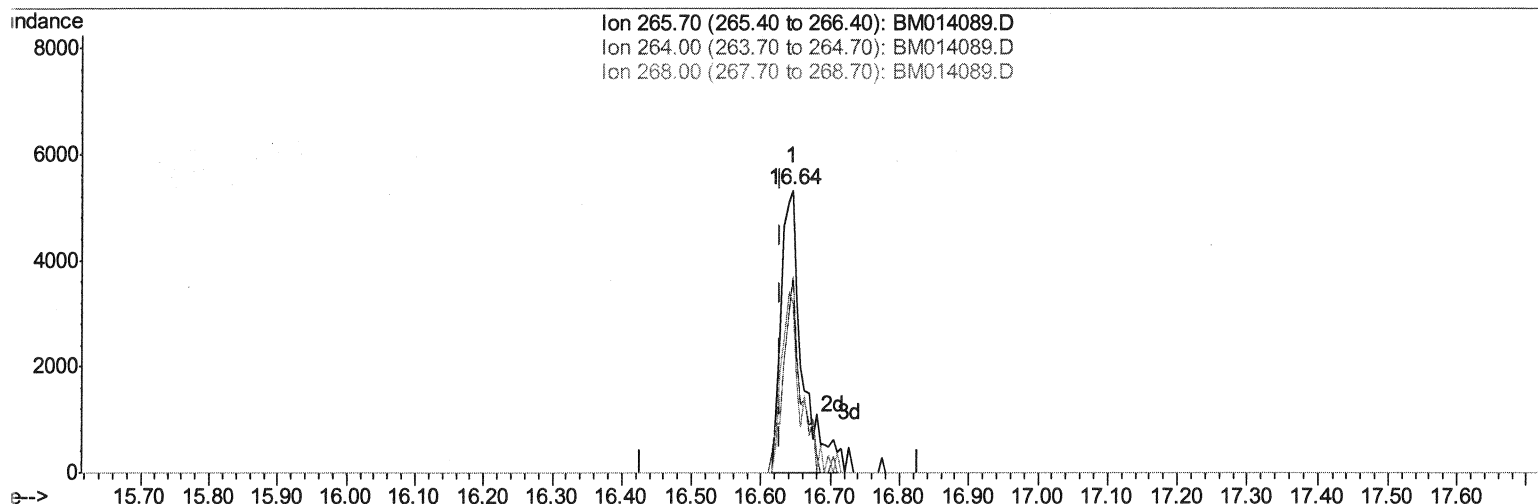
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\  
 Data File : BM014089.D  
 Acq On : 02 Feb 2018 00:34  
 Operator : SJ/JU  
 Sample : J1317-05  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6C76

Manual Integrations  
 APPROVED

Sohil  
 2/2/2018 4:39:39 PM

Quant Time: Feb 02 03:26:03 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 02 03:15:28 2018  
 Response via : Initial Calibration



TIC: BM014089.D

(68) Pentachlorophenol (C)

16.645min (+0.018) 2.67ng/ul m

response 11241

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 265.70 | 100   | 100   |
| 264.00 | 61.60 | 69.52 |
| 268.00 | 65.70 | 59.84 |
| 0.00   | 0.00  | 0.00  |

ata Path : Z:\HPCHEM1\BNA M\DATA\BM020118\  
 ata File : BM014089.D  
 cq On : 02 Feb 2018 00:34  
 perator : SJ/JU  
 ample : J1317-05  
 isc :  
 LS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6C76

Manual Integrations  
 APPROVED

Sohil  
 2/2/2018 4:39:39 PM

uant Time: Feb 02 03:26:32 2018  
 uant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 uant Title : SVOA CALIBRATION  
 Last Update : Fri Feb 02 03:15:28 2018  
 esponse via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 110324   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 450229   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.21 | 164  | 278218   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 643995   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.17 | 240  | 717007   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.35 | 264  | 716123   | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 15332   | 6.38  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 279639  | 33.73 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 180768  | 36.14 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 233785  | 35.60 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 226678  | 32.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 121580  | 37.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 137504  | 38.23 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 244050  | 32.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 269023  | 41.02 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 833331  | 36.09 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 1067162 | 38.09 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 85580m  | 26.90 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.21 | 176 | 746510  | 36.12 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 111758m | 28.26 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.07 | 188 | 1138218 | 36.40 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.37 | 212 | 1290509 | 37.38 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.22 | 264 | 1311878 | 37.32 | ng/ul | 0.00 |

#### Target Compounds

|                       |       |     |        | Ovalue |          |
|-----------------------|-------|-----|--------|--------|----------|
| 6) Phenol             | 6.77  | 94  | 12712  | 1.532  | ng/ul 89 |
| 44) Dimethylphthalate | 13.68 | 163 | 138179 | 6.208  | ng/ul 99 |
| 68) Pentachlorophenol | 16.64 | 266 | 11241m | 2.666  | ng/ul    |

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