

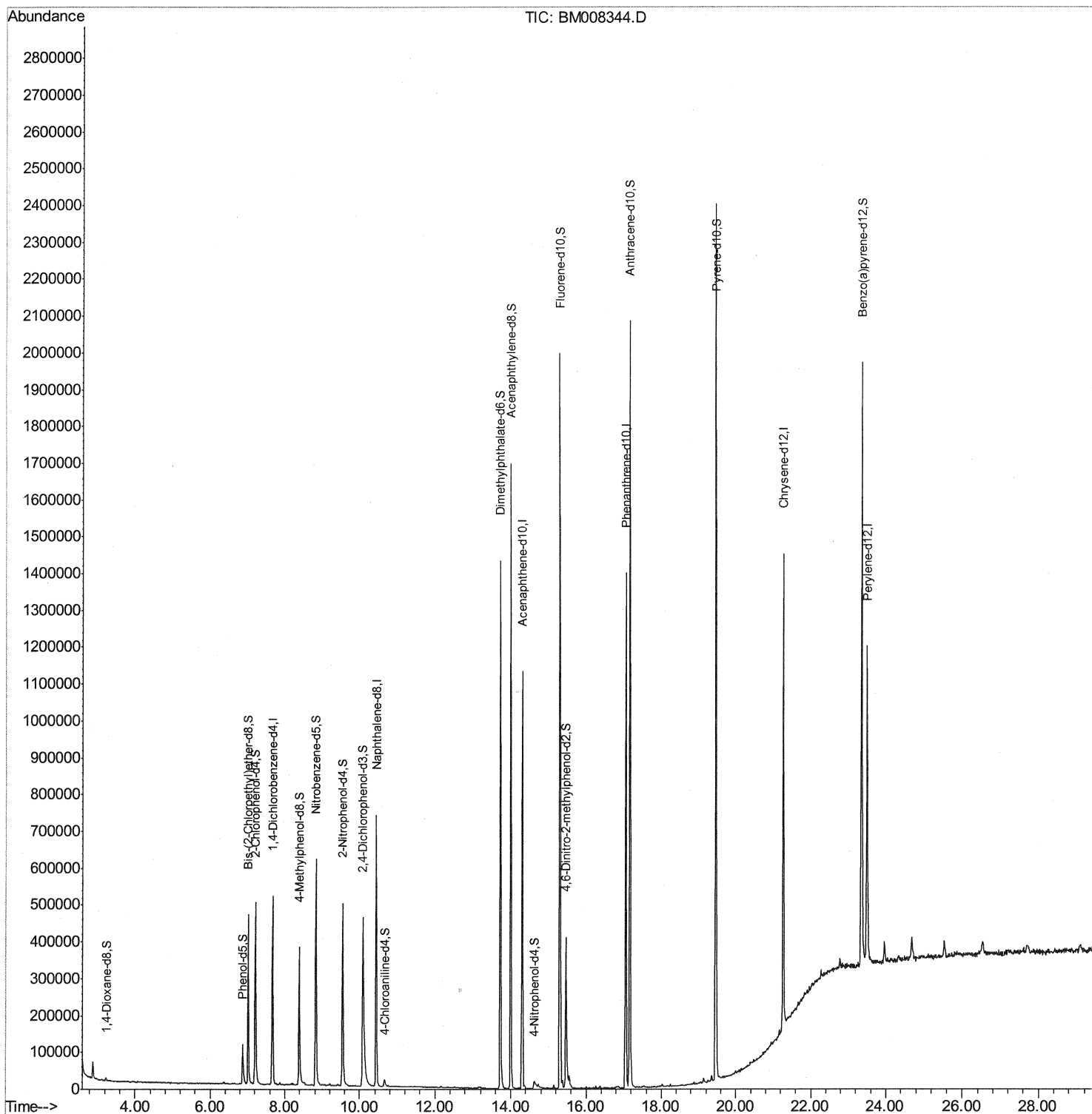
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121616\  
Data File : BM008344.D  
Acq On : 15 Dec 2016 15:47  
Operator : UM/SJ  
Sample : H6039-04  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA8S0

Manual Integrations  
APPROVED

sohil  
12/16/2016 6:20:23 PM

Quant Time: Dec 16 02:52:52 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 16 02:33:30 2016  
Response via : Initial Calibration



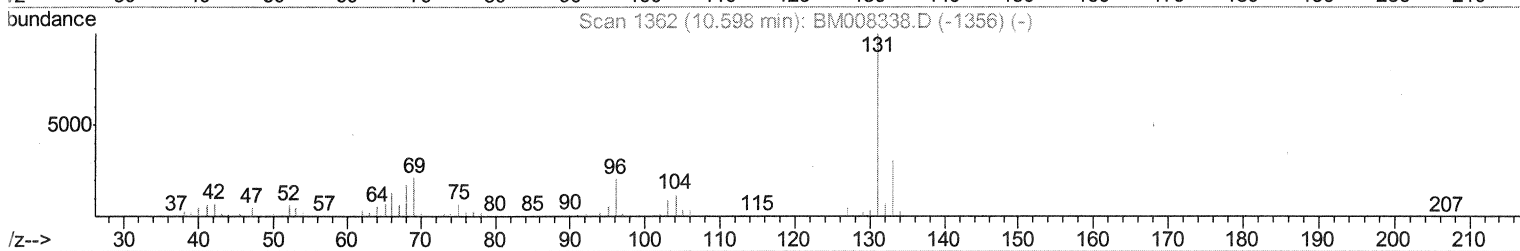
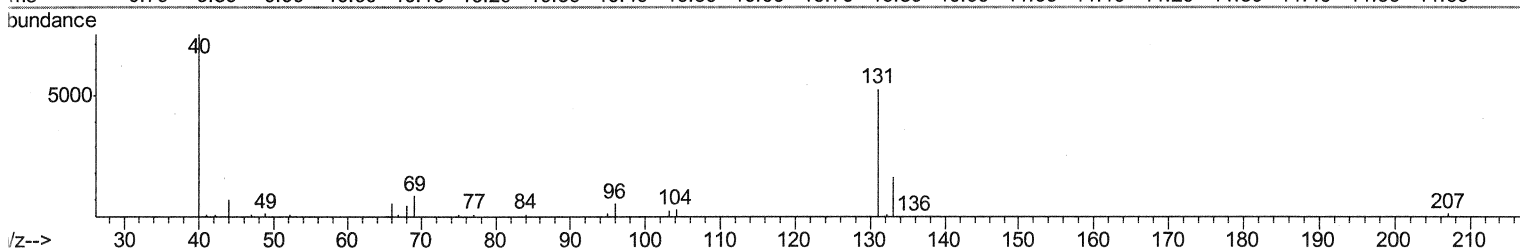
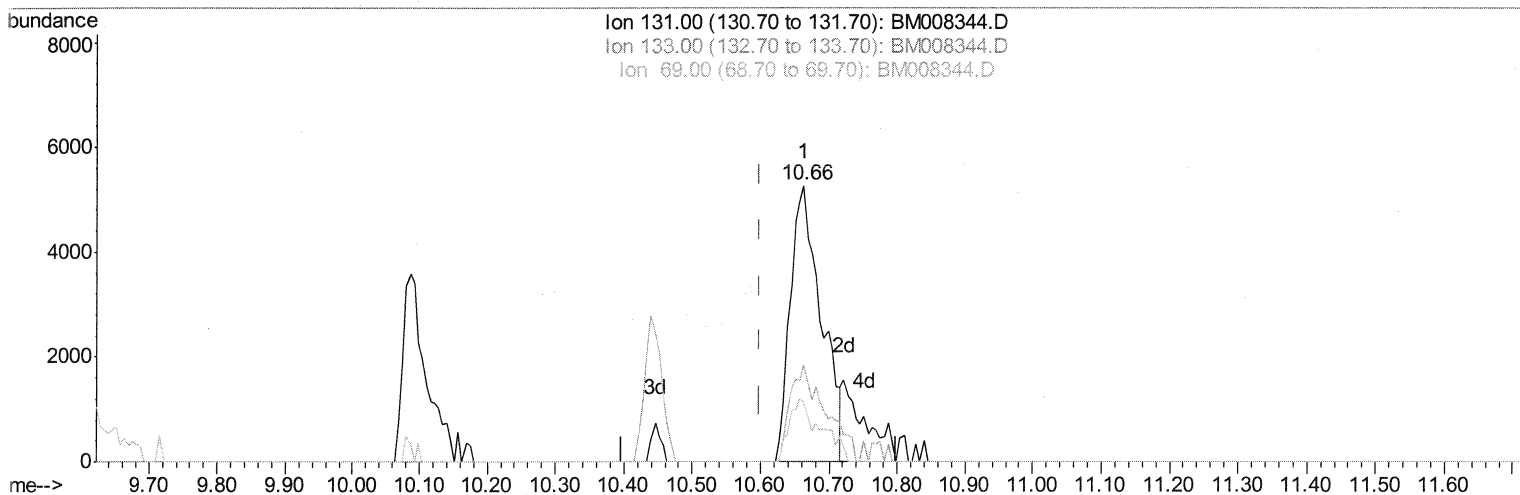
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121616\  
Data File : BM008344.D  
Acq On : 15 Dec 2016 15:47  
Operator : UM/SJ  
Sample : H6039-04  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA8S0

Manual Integrations  
APPROVED

sohil  
12/16/2016 6:20:23 PM

Quant Time: Dec 16 02:37:04 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 16 02:33:30 2016  
Response via : Initial Calibration



TIC: BM008344.D

(29) 4-Chloroaniline-d4 (S)

10.663min (+0.065) 1.65ng/ul

response 16430

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 34.20 | 35.14 |
| 69.00  | 21.70 | 21.27 |
| 0.00   | 0.00  | 0.00  |

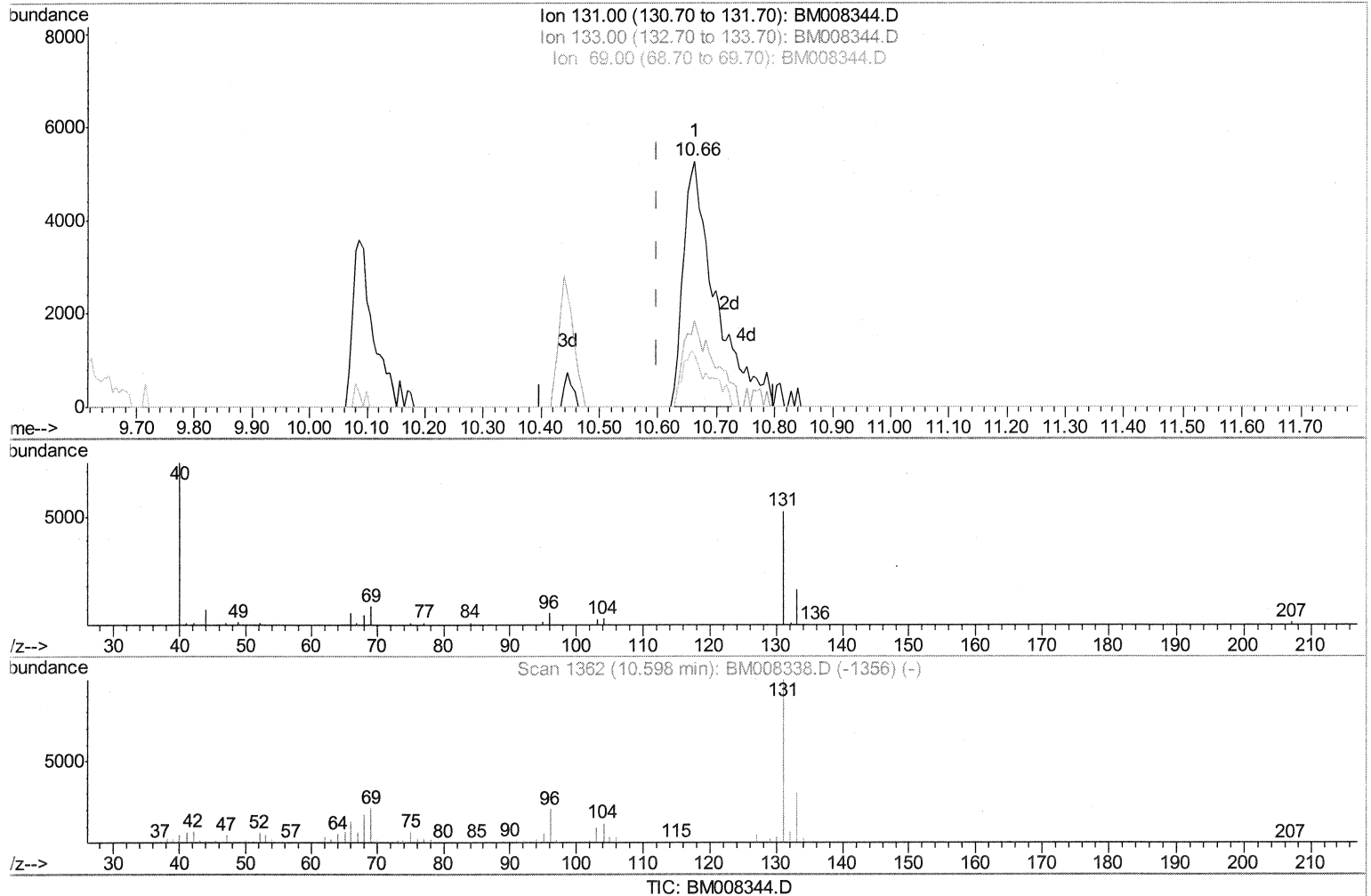
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121616\  
Data File : BM008344.D  
Acq On : 15 Dec 2016 15:47  
Operator : UM/SJ  
Sample : H6039-04  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA8S0

Manual Integrations  
APPROVED

sohil  
12/16/2016 6:20:23 PM

Quant Time: Dec 16 02:37:04 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 16 02:33:30 2016  
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.663min (+0.065) 2.01ng/ul m

SJ 12/20/16

response 20005

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 34.20 | 35.14 |
| 69.00  | 21.70 | 21.27 |
| 0.00   | 0.00  | 0.00  |

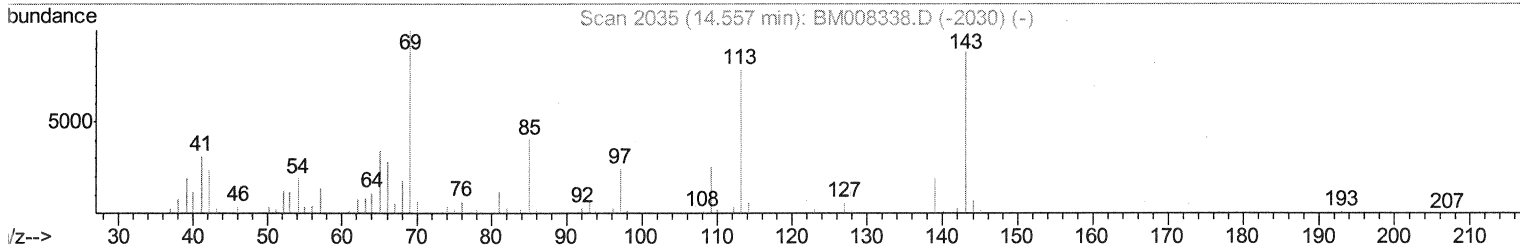
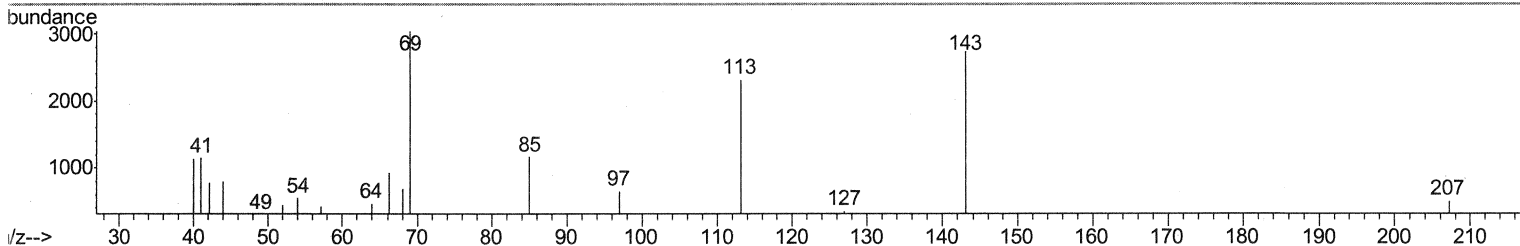
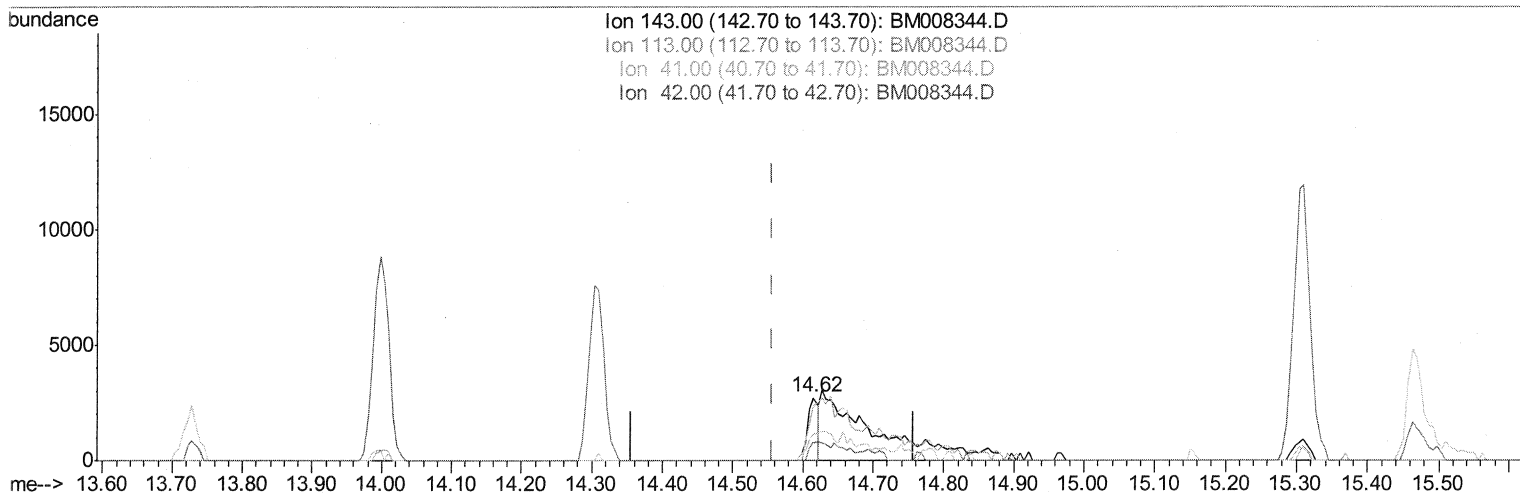
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121616\  
 Data File : BM008344.D  
 Acq On : 15 Dec 2016 15:47  
 Operator : UM/SJ  
 Sample : H6039-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA8S0

Manual Integrations  
 APPROVED

sohil  
 12/16/2016 6:20:23 PM

Quant Time: Dec 16 02:37:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 16 02:33:30 2016  
 Response via : Initial Calibration



TIC: BM008344.D

(51) 4-Nitrophenol-d4 (S)

14.616min (+0.059) 0.76ng/ul

response 2995

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 143.00 | 100    | 100   |
| 113.00 | 101.20 | 84.68 |
| 41.00  | 39.40  | 41.87 |
| 42.00  | 27.40  | 28.23 |

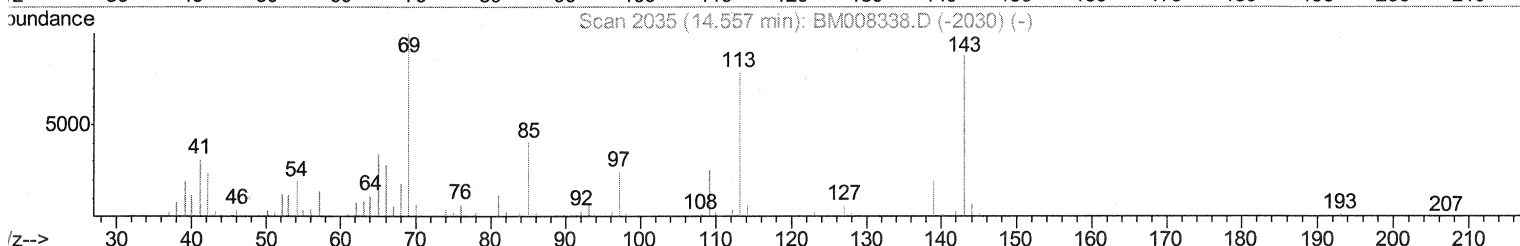
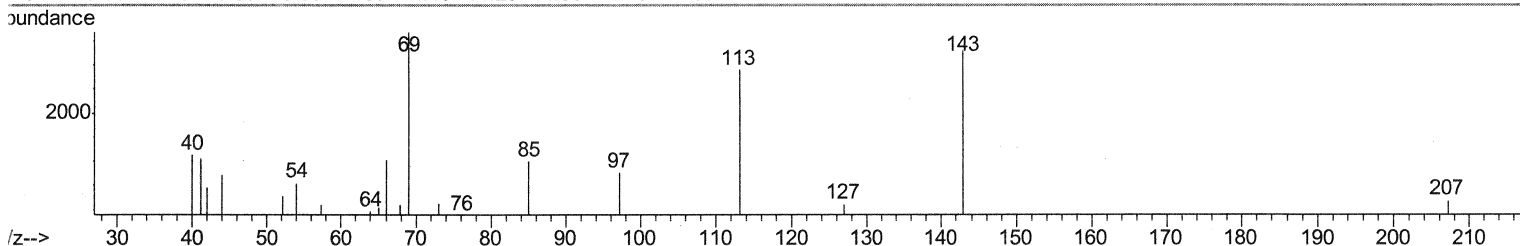
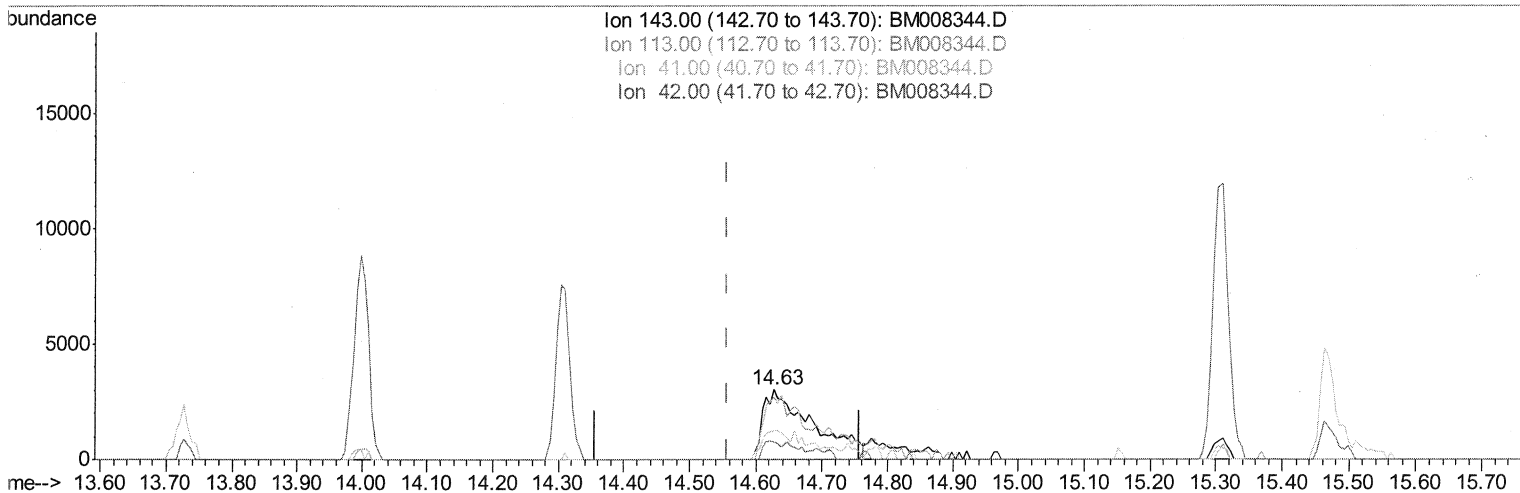
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121616\  
 Data File : BM008344.D  
 Acq On : 15 Dec 2016 15:47  
 Operator : UM/SJ  
 Sample : H6039-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA8S0

Manual Integrations  
 APPROVED

sohil  
 12/16/2016 6:20:23 PM

Quant Time: Dec 16 02:37:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12141  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 16 02:33:30 2016  
 Response via : Initial Calibration



TIC: BM008344.D

(51) 4-Nitrophenol-d4 (S)

14.627min (+0.071) 4.03ng/ul m

SJ 12/20/16

response 15936

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 143.00 | 100    | 100   |
| 113.00 | 101.20 | 89.43 |
| 41.00  | 39.40  | 40.92 |
| 42.00  | 27.40  | 25.40 |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121616\  
 Data File : BM008344.D  
 Acq On : 15 Dec 2016 15:47  
 Operator : UM/SJ  
 Sample : H6039-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA8S0

Manual Integrations  
 APPROVED

sohil  
 12/16/2016 6:20:23 PM

Quant Time: Dec 16 02:52:52 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 16 02:33:30 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 140118   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.44 | 136  | 590167   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.31 | 164  | 403809   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 784919   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 757652   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.49 | 264  | 735373   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.24  | 96  | 5190    | 1.74  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.86  | 99  | 87222   | 8.02  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.01  | 67  | 222565  | 35.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 233185  | 28.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 164448  | 19.53 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 148524  | 34.82 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 163109  | 34.51 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 273788  | 31.61 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.66 | 131 | 20005m  | 2.01  | ng/ul | 0.06 |
| 43) Dimethylphthalate-d6       | 13.73 | 166 | 1024696 | 38.17 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.00 | 160 | 1206341 | 38.03 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 15936m  | 4.03  | ng/ul | 0.07 |
| 57) Fluorene-d10               | 15.31 | 176 | 858787  | 36.81 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 122738  | 26.27 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.16 | 188 | 1267471 | 37.07 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.46 | 212 | 1359740 | 46.47 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.35 | 264 | 1154904 | 37.40 | ng/ul | 0.00 |

SJ 12/20/16

SJ 12/20/16

Target Compounds Qvalue

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