

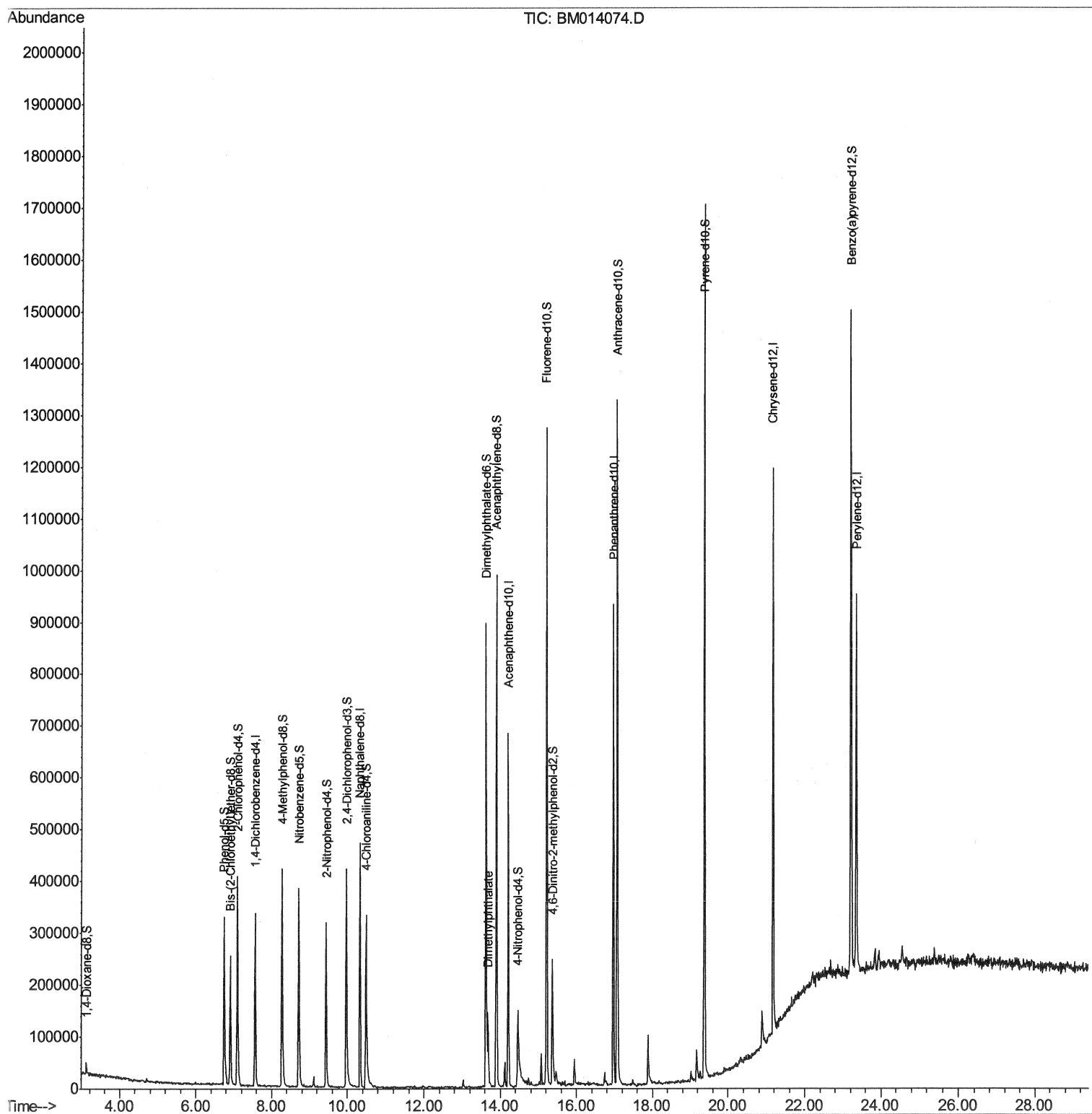
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\  
Data File : BM014074.D  
Acq On : 01 Feb 2018 15:34  
Operator : SJ/JU  
Sample : J1316-15  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6D38

Manual Integrations  
APPROVED

Sohil  
2/2/2018 4:39:01 PM

Quant Time: Feb 02 01:24:23 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 02 01:03:24 2018  
Response via : Initial Calibration



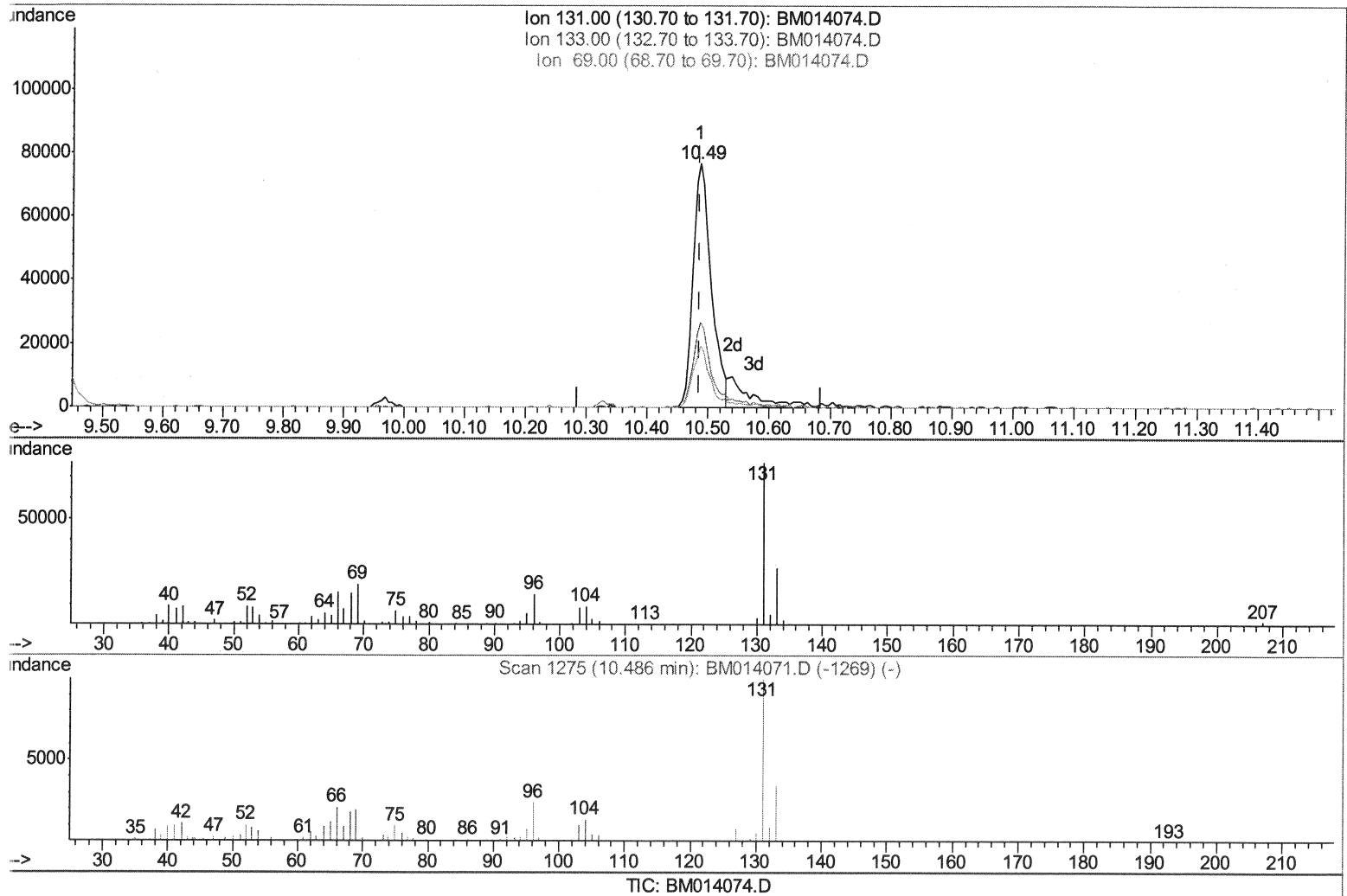
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Manual Integrations  
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Sohil  
2/2/2018 4:39:01 PM

Quant Time: Feb 02 01:05:32 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 02 01:03:24 2018  
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.486min (+0.000) 33.11ng/ul

response 158978

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 31.40 | 35.07 |
| 69.00  | 24.30 | 25.04 |
| 0.00   | 0.00  | 0.00  |

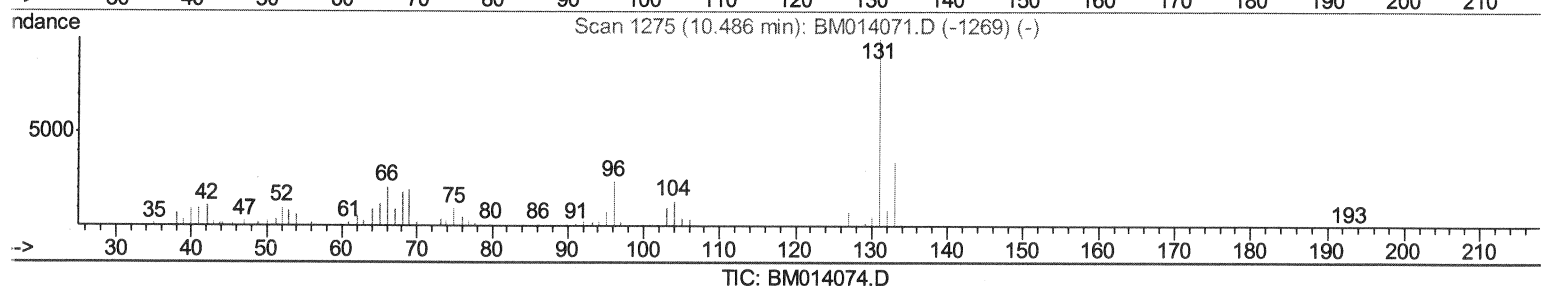
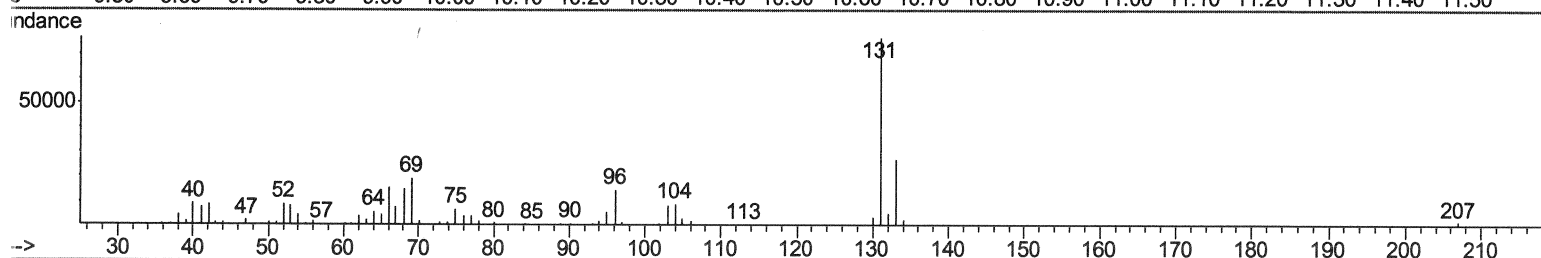
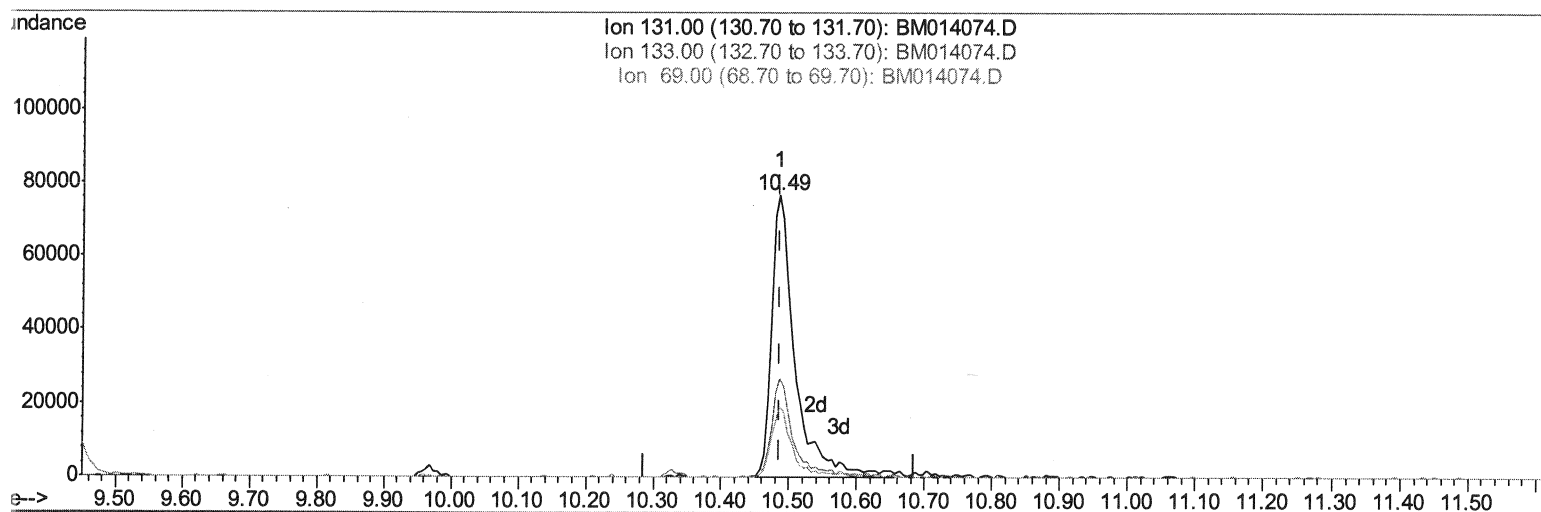
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Data File : BM014074.D  
Acq On : 01 Feb 2018 15:34  
Operator : SJ/JU  
Sample : J1316-15  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6D38

Manual Integrations  
APPROVED

Sohil  
2/2/2018 4:39:01 PM

Quant Time: Feb 02 01:05:32 2018  
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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 02 01:03:24 2018  
Response via : Initial Calibration



TIC: BM014074.D

(29) 4-Chloroaniline-d4 (S)

10.486min (+0.000) 37.67ng/ul m

response 180870

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 31.40 | 35.07 |
| 69.00  | 24.30 | 25.04 |
| 0.00   | 0.00  | 0.00  |

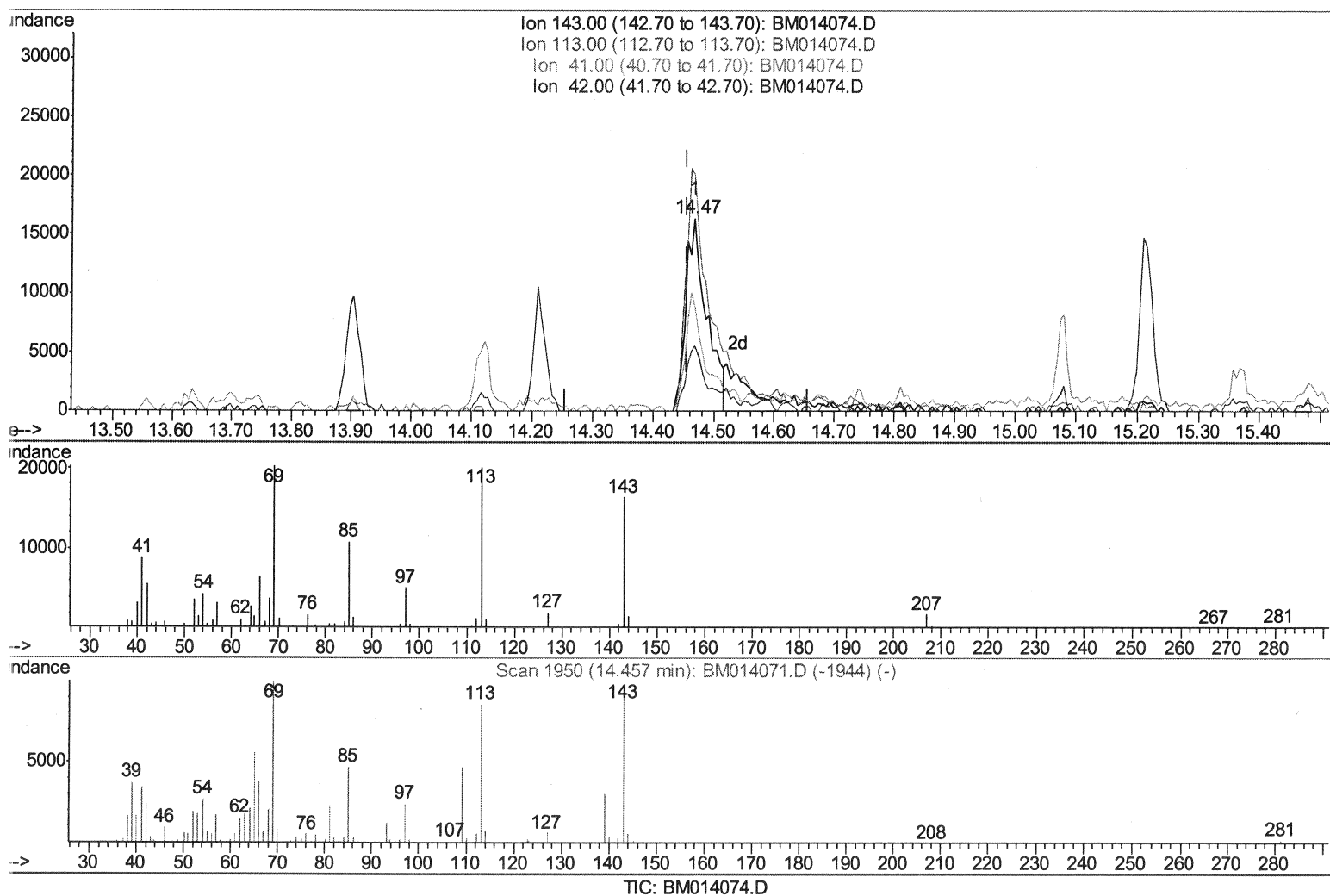
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Data File : BM014074.D  
Acq On : 01 Feb 2018 15:34  
Operator : SJ/JU  
Sample : J1316-15  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
F6D38

Manual Integrations  
APPROVED

Sohil  
2/2/2018 4:39:01 PM

Quant Time: Feb 02 01:22:50 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 02 01:03:24 2018  
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.468min (+0.012) 16.06ng/ul

response 38881

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 122.77 |
| 41.00  | 34.80  | 54.35# |
| 42.00  | 20.50  | 34.13# |

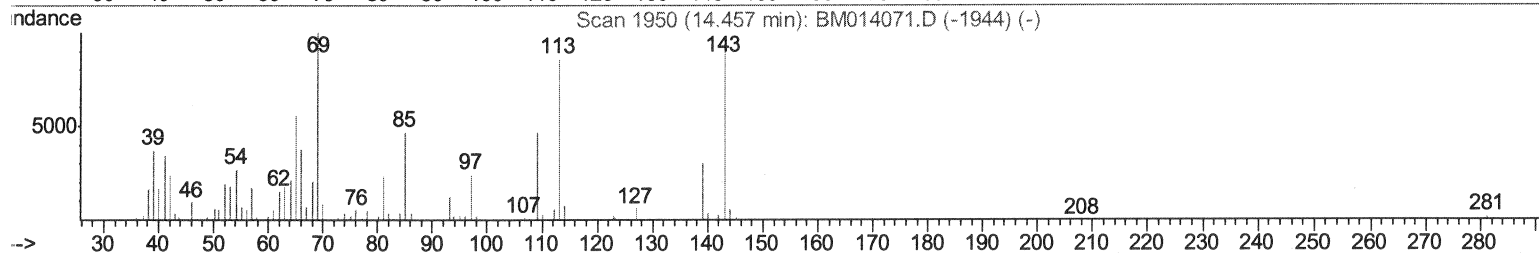
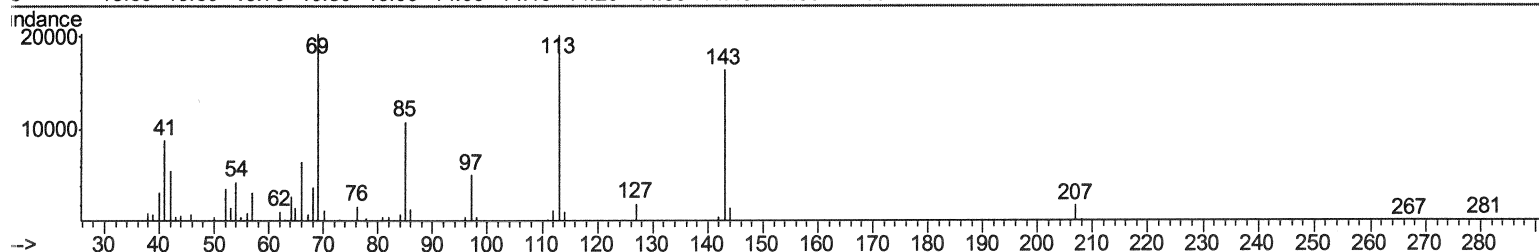
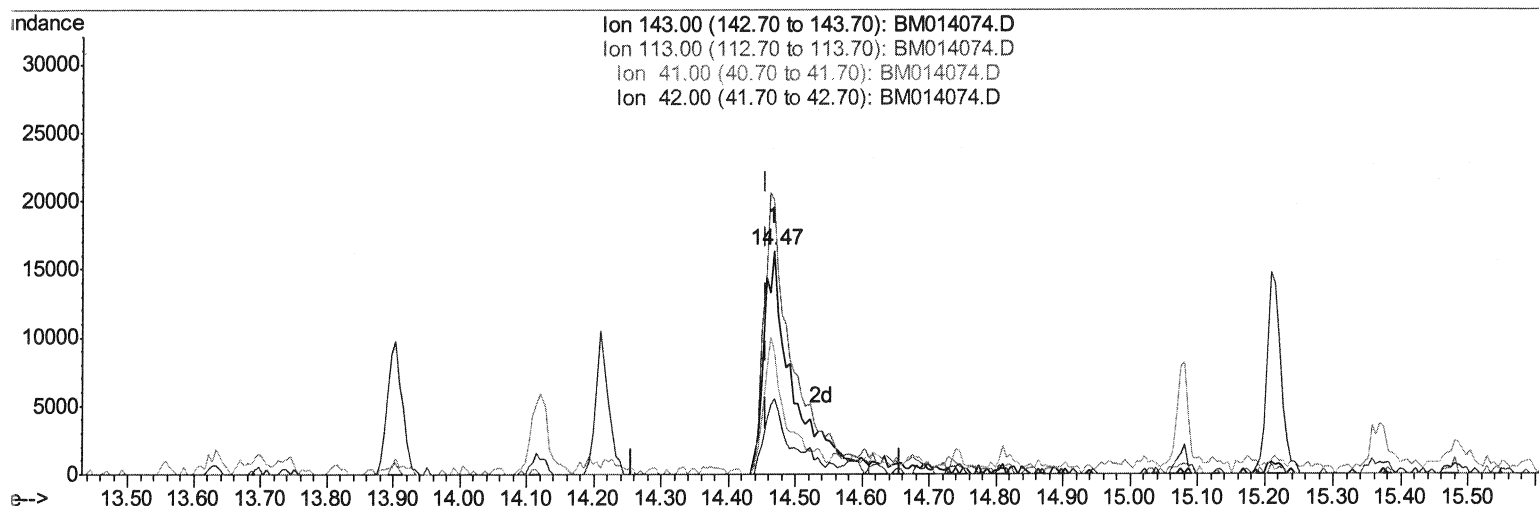
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 Operator : SJ/JU  
 Sample : J1316-15  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6D38

Manual Integrations  
 APPROVED

Sohil  
 2/2/2018 4:39:01 PM

Quant Time: Feb 02 01:22:50 2018  
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 QLast Update : Fri Feb 02 01:03:24 2018  
 Response via : Initial Calibration



TIC: BM014074.D

(51) 4-Nitrophenol-d4 (S)

14.468min (+0.012) 20.53ng/ul m

response 49691

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 122.77 |
| 41.00  | 34.80  | 54.35# |
| 42.00  | 20.50  | 34.13# |

*SJ 02/02/18*

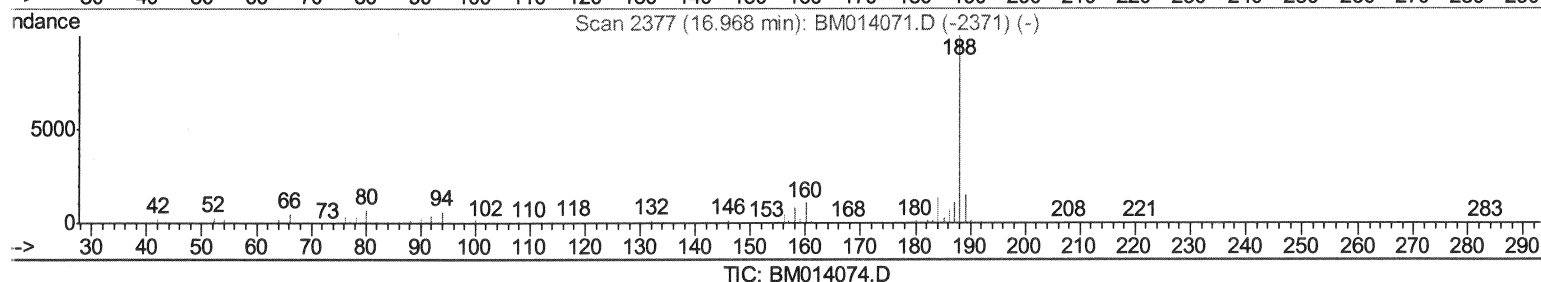
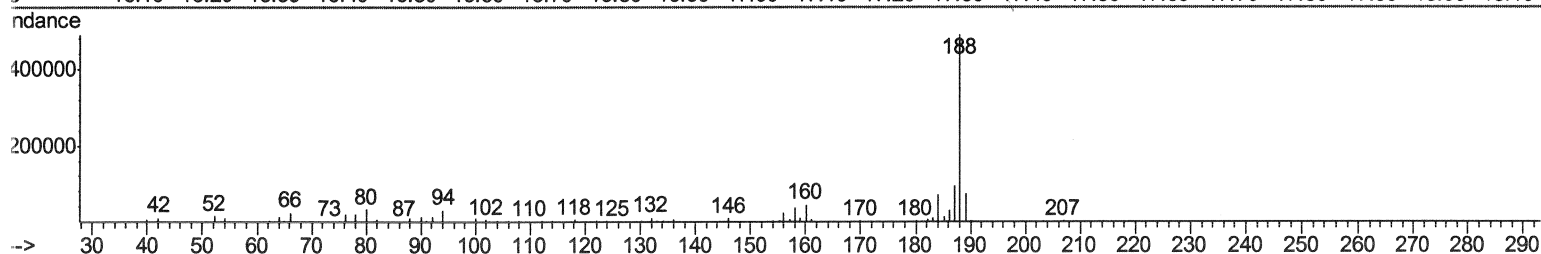
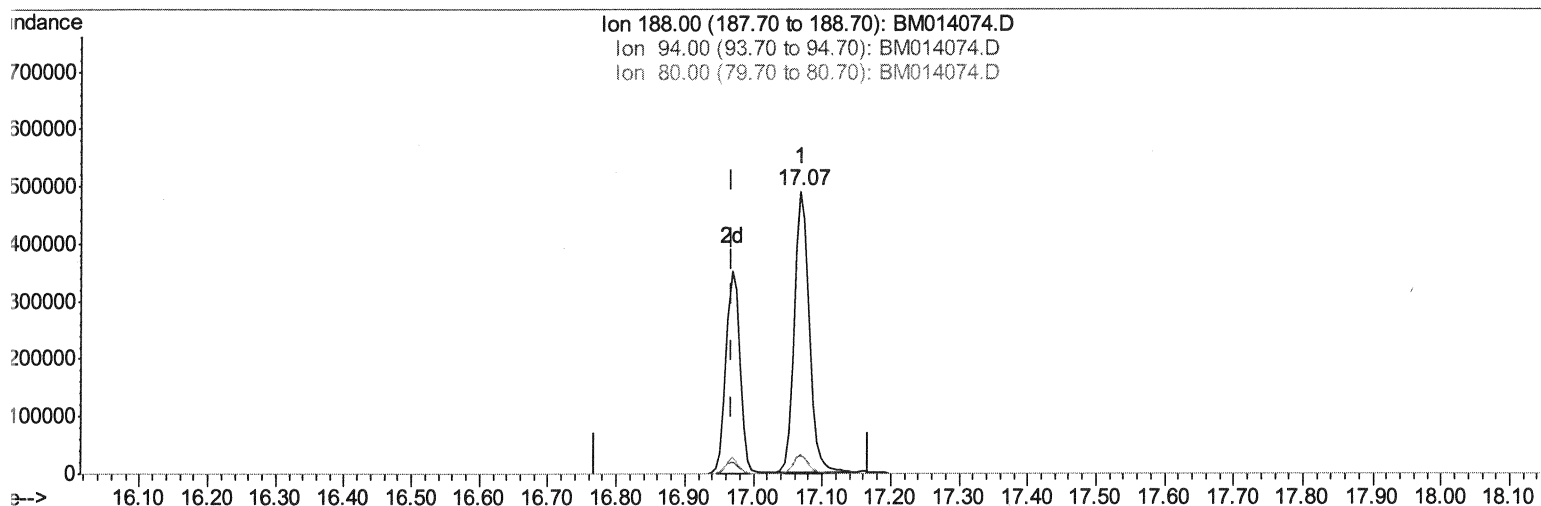
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 Operator : SJ/JU  
 Sample : J1316-15  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

Sohil  
 2/2/2018 4:39:01 PM

Quant Time: Feb 02 01:23:46 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 02 01:03:24 2018  
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.068min (+0.100) 20.00ng/ul

response 747416

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 5.50 | 6.39 |
| 80.00  | 6.60 | 6.69 |
| 0.00   | 0.00 | 0.00 |

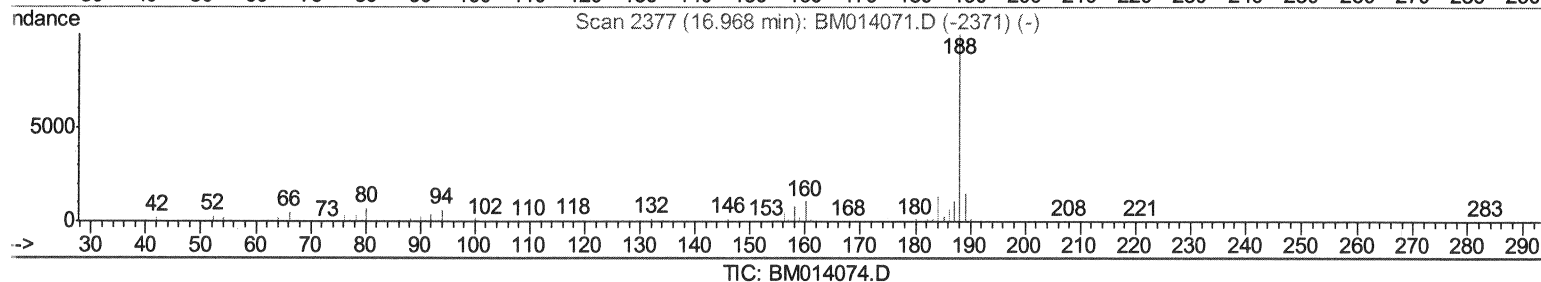
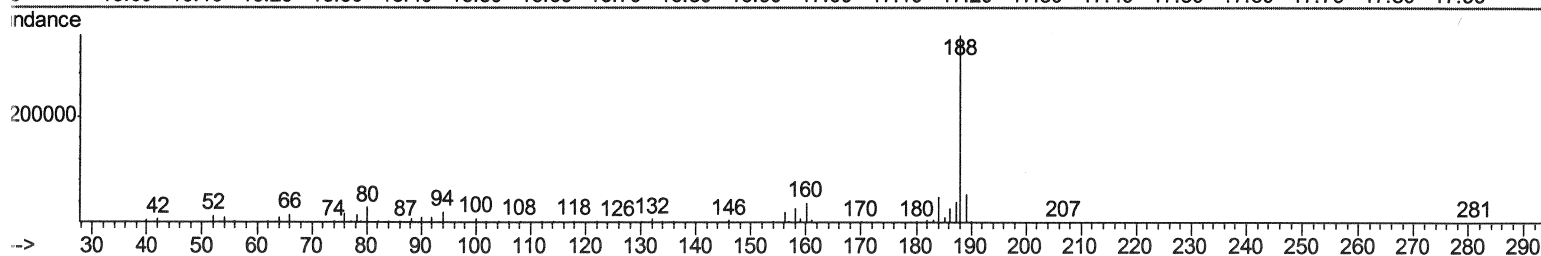
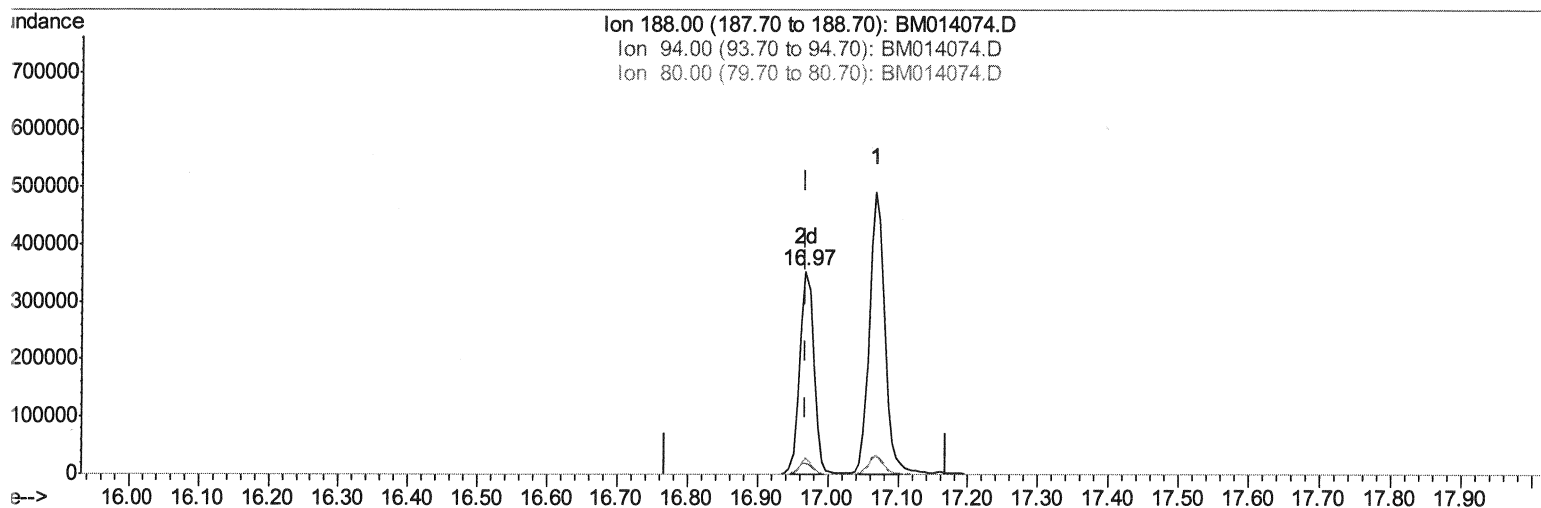
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\  
 Data File : BM014074.D  
 Acq On : 01 Feb 2018 15:34  
 Operator : SJ/JU  
 Sample : J1316-15  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6D38

Manual Integrations  
 APPROVED

Sohil  
 2/2/2018 4:39:01 PM

Quant Time: Feb 02 01:23:46 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 02 01:03:24 2018  
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

16.968min (+0.000) 20.00ng/ul m

response 499966

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 5.50 | 5.58  |
| 80.00  | 6.60 | 8.04# |
| 0.00   | 0.00 | 0.00  |

*2402/02/18*

ata Path : Z:\HPCHEM1\BNA M\DATA\BM020118\  
ata File : BM014074.D  
cq On : 01 Feb 2018 15:34  
perator : SJ/JU  
ample : J1316-15  
isc :  
LS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6D38

Manual Integrations  
APPROVED

Sohil  
2/2/2018 4:39:01 PM

uant Time: Feb 02 01:24:23 2018  
uant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
uant Title : SVOA CALIBRATION  
Last Update : Fri Feb 02 01:03:24 2018  
esponse via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 77813    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 329571   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.21 | 164  | 211664   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 499966m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.17 | 240  | 551047   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.36 | 264  | 554567   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 9008    | 5.31  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 160445  | 27.43 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 6.90  | 67  | 104705  | 29.68 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 136314  | 29.43 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 146622  | 29.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 70759   | 29.74 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 79916   | 30.35 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165 | 141993  | 25.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 180870m | 37.67 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 532542  | 30.32 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 641952  | 30.12 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.47 | 143 | 49691m  | 20.53 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.22 | 176 | 478227  | 30.42 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 58345   | 19.00 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.07 | 188 | 746437  | 30.75 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.37 | 212 | 859057  | 32.37 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.21 | 264 | 833261  | 30.61 | ng/ul | 0.00 |

| Target Compounds      |       |     |       | Ovalue         |
|-----------------------|-------|-----|-------|----------------|
| 44) Dimethylphthalate | 13.68 | 163 | 82662 | 4.881 ng/ul 98 |

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