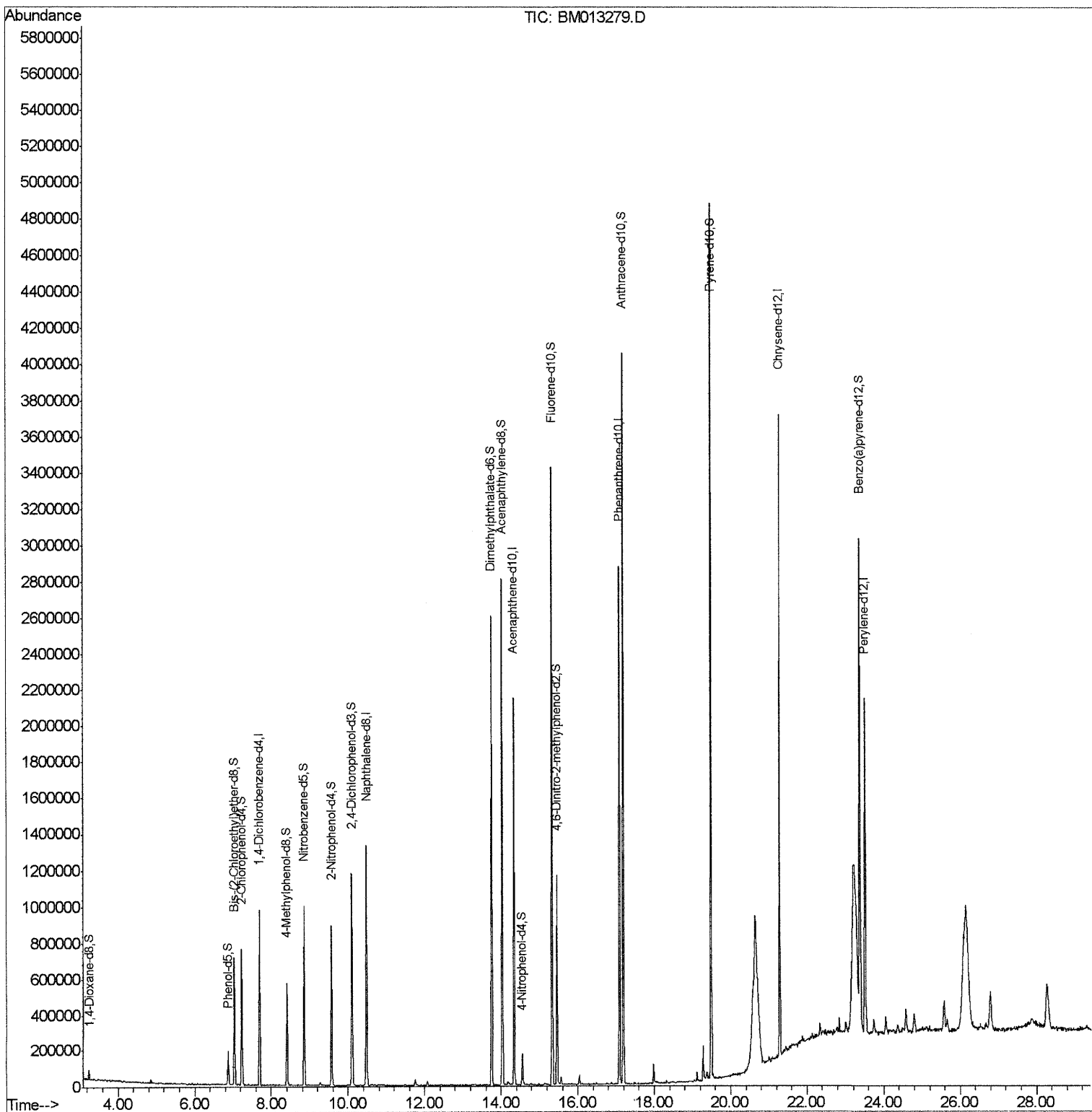


Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\  
Data File : BM013279.D  
Acq On : 08 Dec 2017 21:29  
Operator : SJ/JU  
Sample : I6737-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
JHPK5

Manual Integrations  
APPROVED  
Sohil  
12/11/2017 6:16:06 PM

Quant Time: Dec 08 23:37:59 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 08 16:56:30 2017  
Response via : Initial Calibration



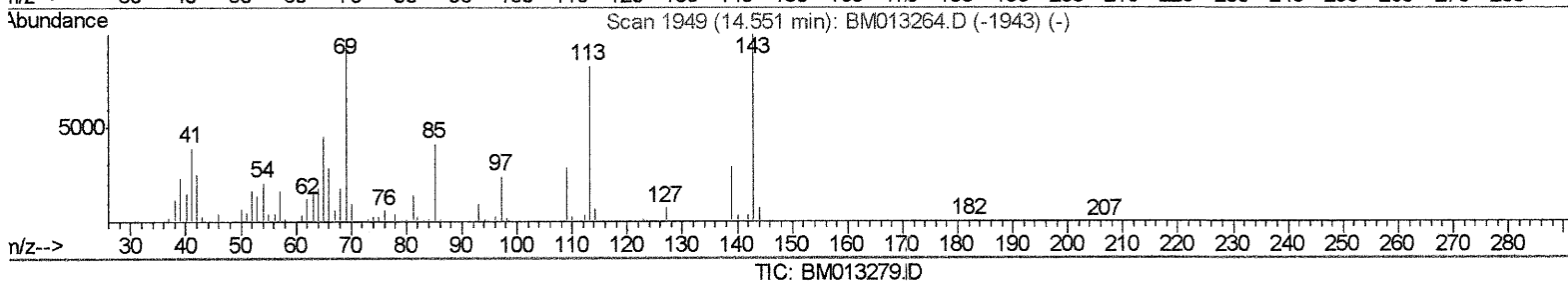
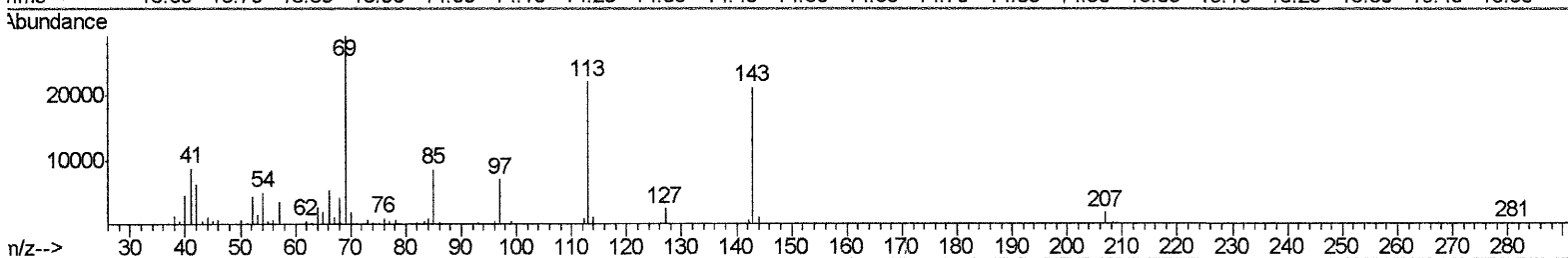
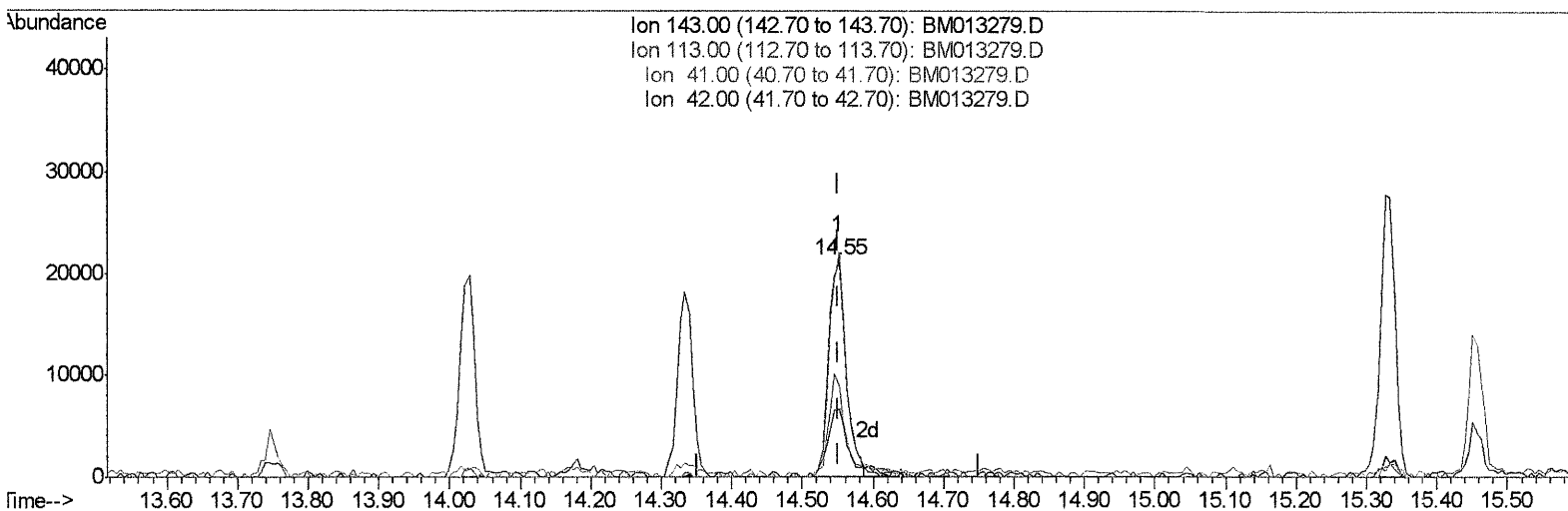
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\  
 Data File : BM013279.D  
 Acq On : 08 Dec 2017 21:29  
 Operator : SJ/JU  
 Sample : I6737-01  
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 JHPK5

Manual Integrations  
 APPROVED

Sohil  
 12/11/2017 6:16:06 PM

Quant Time: Dec 08 22:49:15 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 08 16:56:30 2017  
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.551min (-0.000) 3.51ng/ul

response 36335

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 103.86 |
| 41.00  | 34.80  | 41.33  |
| 42.00  | 20.50  | 30.63# |

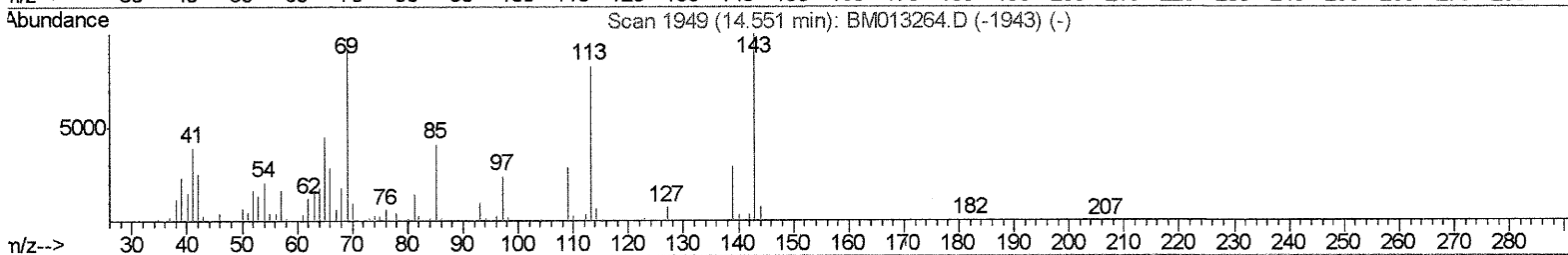
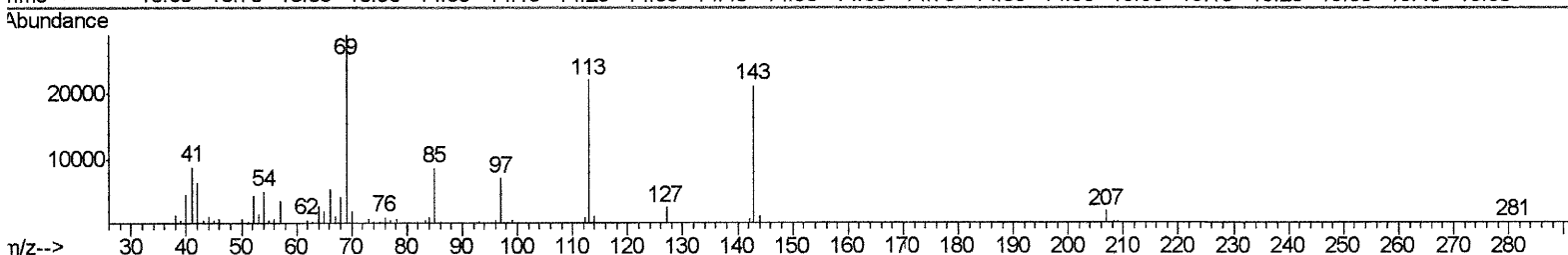
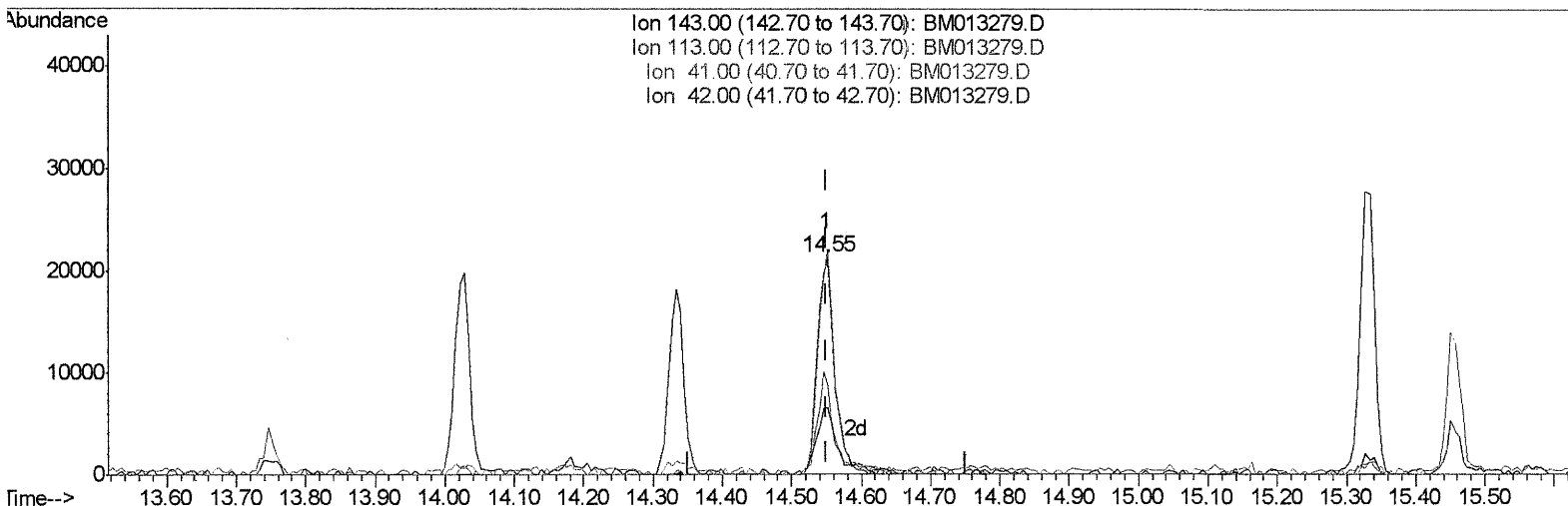
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\  
 Data File : BM013279.D  
 Acq On : 08 Dec 2017 21:29  
 Operator : SJ/JU  
 Sample : I6737-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHPK5

Manual Integrations  
 APPROVED

Sohil  
 12/11/2017 6:16:06 PM

Quant Time: Dec 08 22:49:15 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 08 16:56:30 2017  
 Response via : Initial Calibration



TIC: BM013279.D

(51) 4-Nitrophenol-d4 (S)

14.551min (-0.000) 3.63ng/ul m> SJ 12/11/17

response 37554

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 103.86 |
| 41.00  | 34.80  | 41.33  |
| 42.00  | 20.50  | 30.63# |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\  
 Data File : BM013279.D  
 Acq On : 08 Dec 2017 21:29  
 Operator : SJ/JU  
 Sample : I6737-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHPK5

Manual Integrations  
 APPROVED

Sohil  
 12/11/2017 6:16:06 PM

Quant Time: Dec 08 23:37:59 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 08 16:56:30 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 236499   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.47 | 136  | 1020504  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.33 | 164  | 669300   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.09 | 188  | 1625663  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.27 | 240  | 1684628  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.50 | 264  | 1397242  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 25064   | 5.25  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 93366   | 4.56  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.03  | 67  | 286822  | 24.58 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.23  | 132 | 303161  | 18.96 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.40  | 113 | 194427  | 11.12 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.85  | 128 | 215421  | 26.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 232197  | 26.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 394144  | 22.08 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 4164    | 0.25  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.75 | 166 | 1590300 | 26.70 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.03 | 160 | 1893492 | 25.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 37554m  | 3.63  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.33 | 176 | 1341033 | 26.18 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 231645  | 22.65 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.18 | 188 | 2161769 | 26.55 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.48 | 212 | 2381373 | 28.37 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.36 | 264 | 1827633 | 25.68 | ng/ul | 0.00 |

SJ 12/11/17

Target Compounds Ovalue

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