



# Quantitation Report (Qedit)

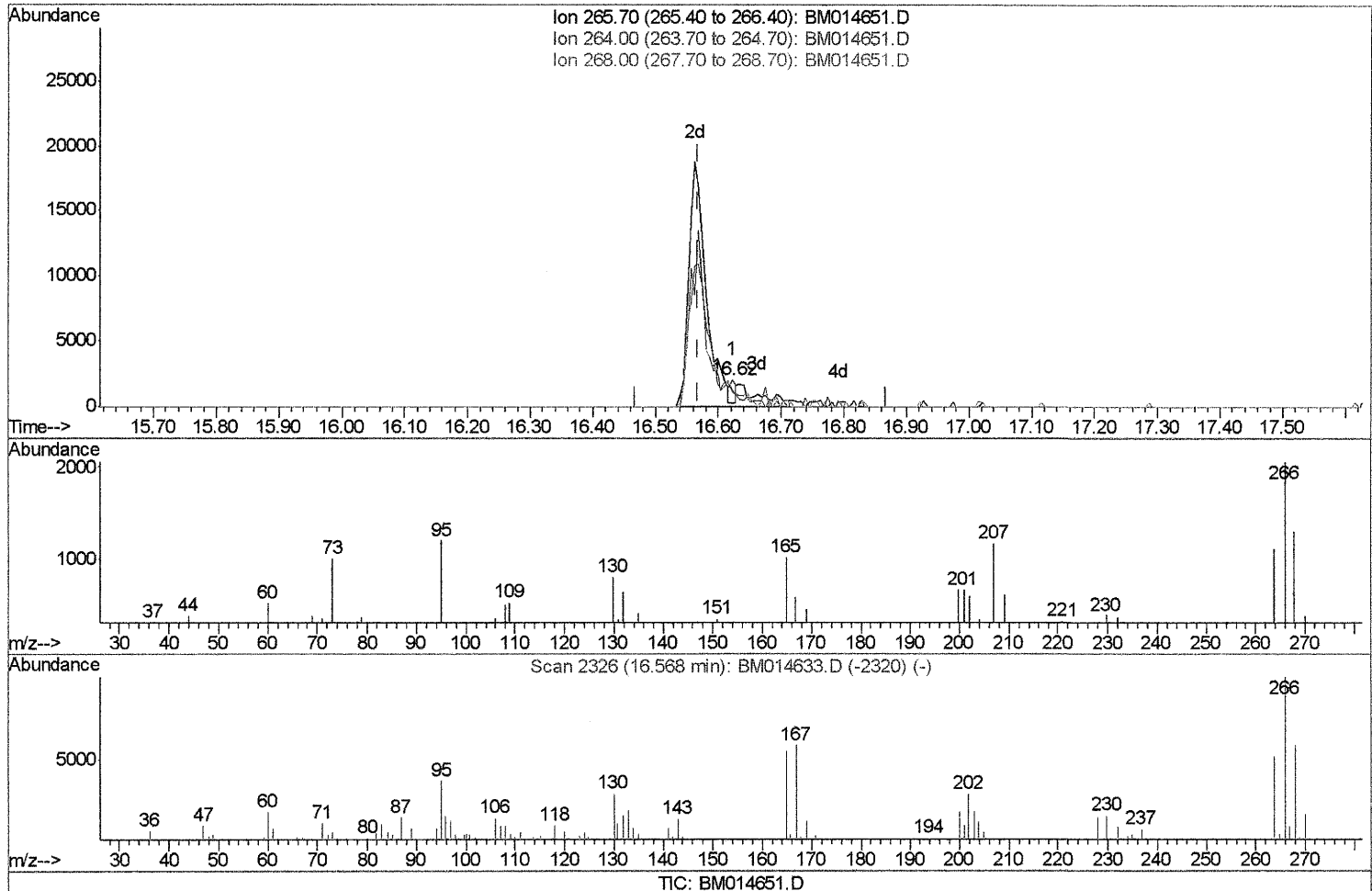
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032218\  
 Data File : BM014651.D  
 Acq On : 22 Mar 2018 10:02  
 Operator : SJ/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampled :  
 SSTD02059

Manual Integrations  
 APPROVED

Sohil  
 3/23/2018 3:48:18 PM

Quant Time: Mar 22 18:16:59 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 22 01:49:10 2018  
 Response via : Initial Calibration



(13) Pentachlorophenol (C)  
 16.621min (+0.053) 0.53ng/ul  
 response 1107

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 265.70 | 100   | 100   |
| 264.00 | 61.60 | 54.11 |
| 268.00 | 65.70 | 63.31 |
| 0.00   | 0.00  | 0.00  |

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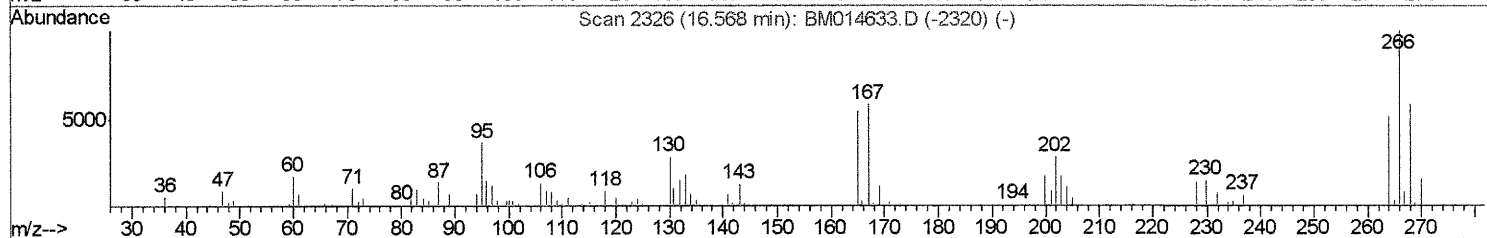
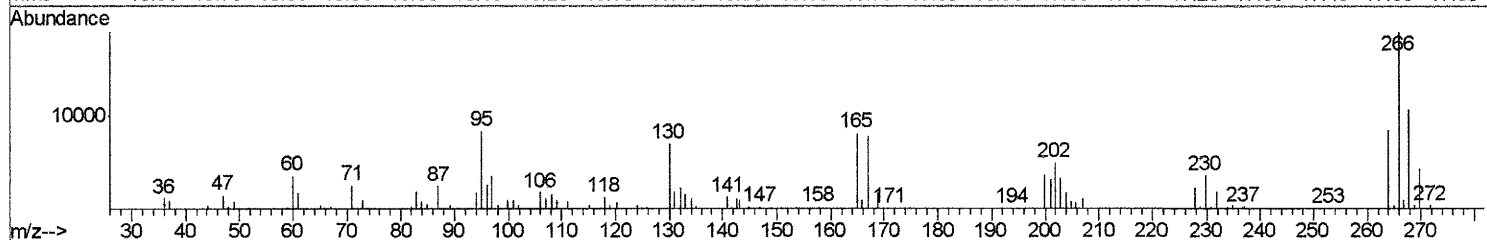
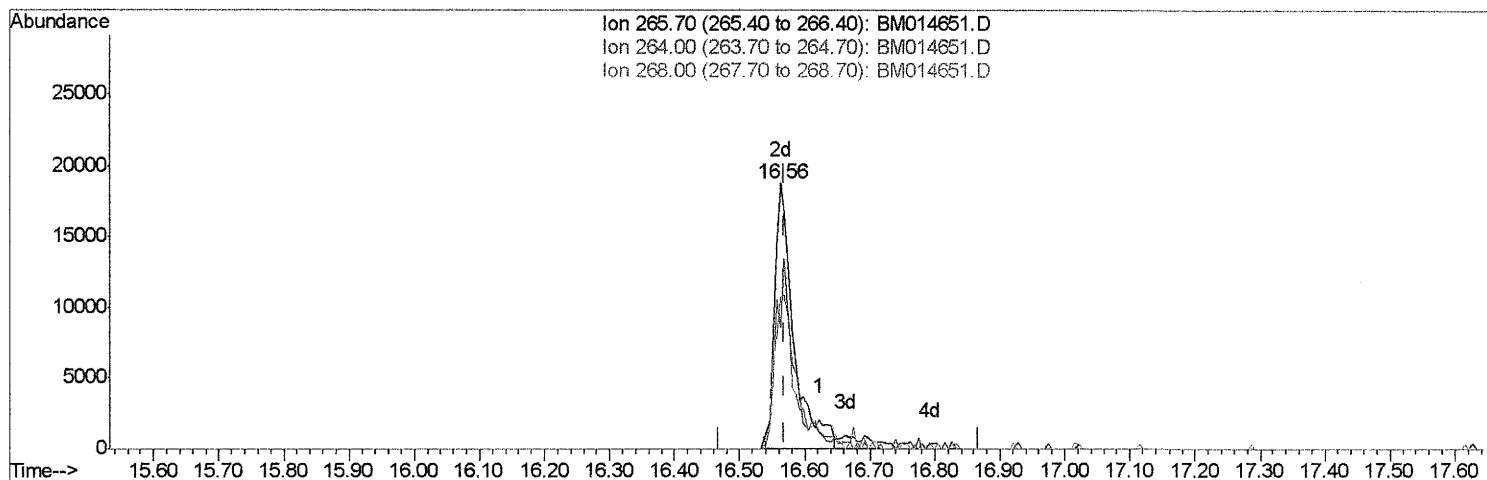
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TIC: BM014651.D

(13) Pentachlorophenol (C)

16.562min (-0.006) 18.31ng/ul m

response 38174

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 265.70 | 100   | 100    |
| 264.00 | 61.60 | 45.62# |
| 268.00 | 65.70 | 57.16  |
| 0.00   | 0.00  | 0.00   |

JU 3/26/18

## Quantitation Report (Qedit)

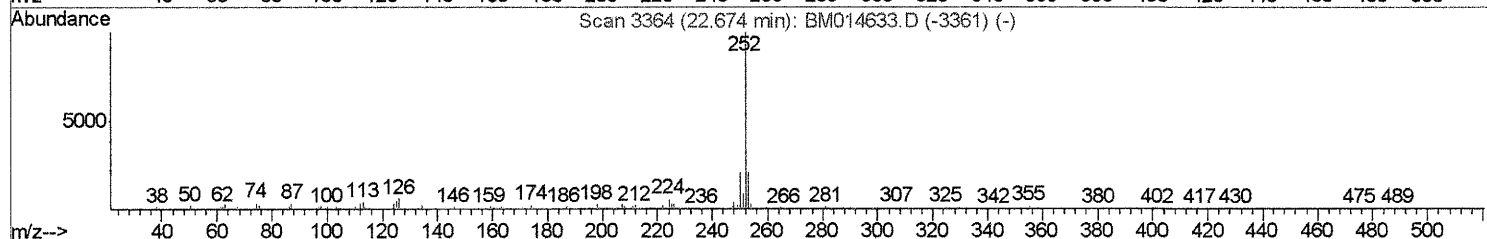
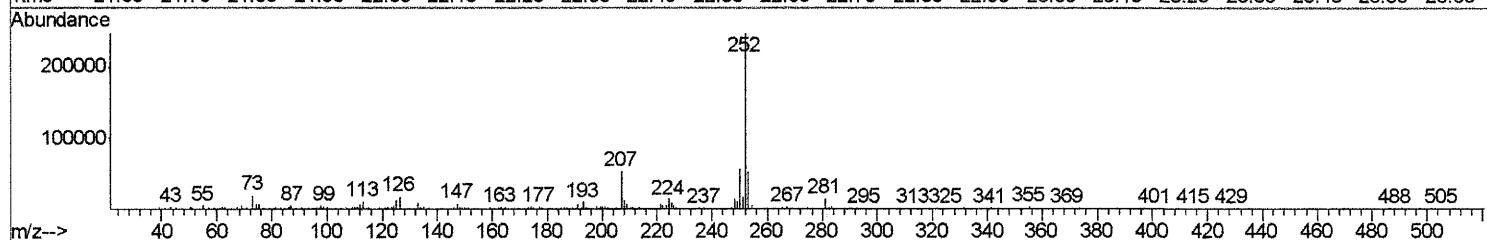
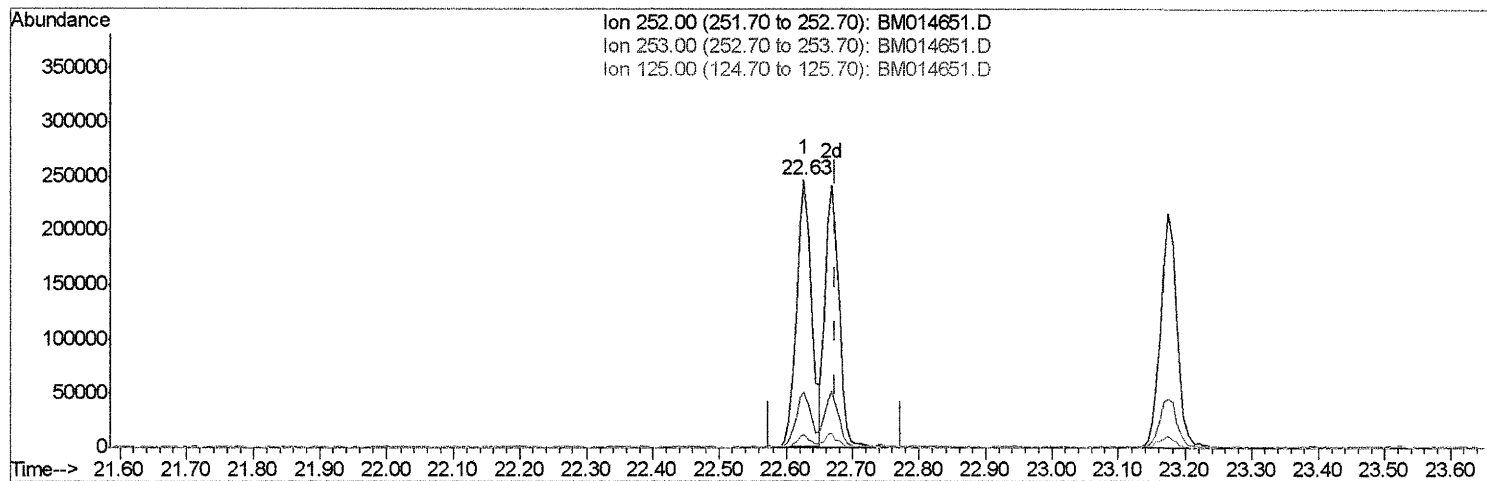
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032218\  
Data File : BM014651.D  
Acq On : 22 Mar 2018 10:02  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTD02059

Manual Integrations  
APPROVED

Sohil  
3/23/2018 3:48:18 PM

Quant Time: Mar 22 18:16:59 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 22 01:49:10 2018  
Response via : Initial Calibration



TIC: BM014651.D

(25) Benzo(k)fluoranthene

22.627min (-0.047) 20.30ng/ul

response 384053

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 21.04 |
| 125.00 | 4.30  | 5.15  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

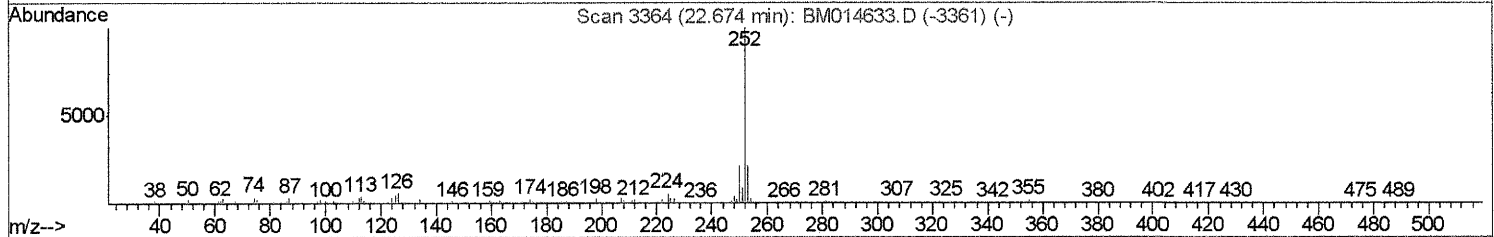
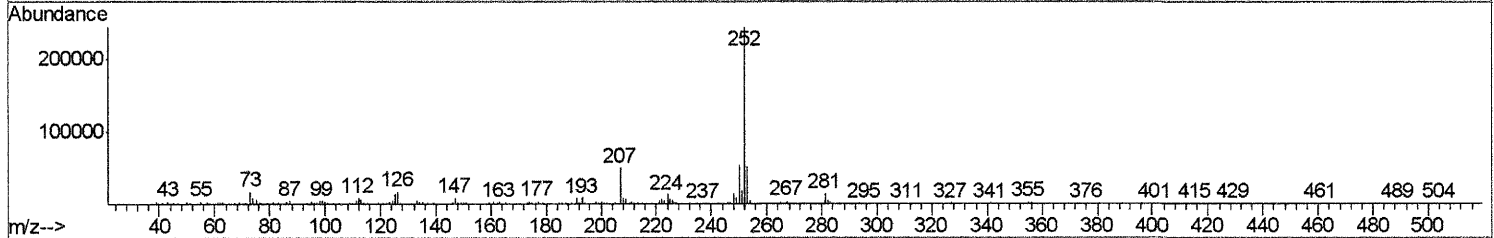
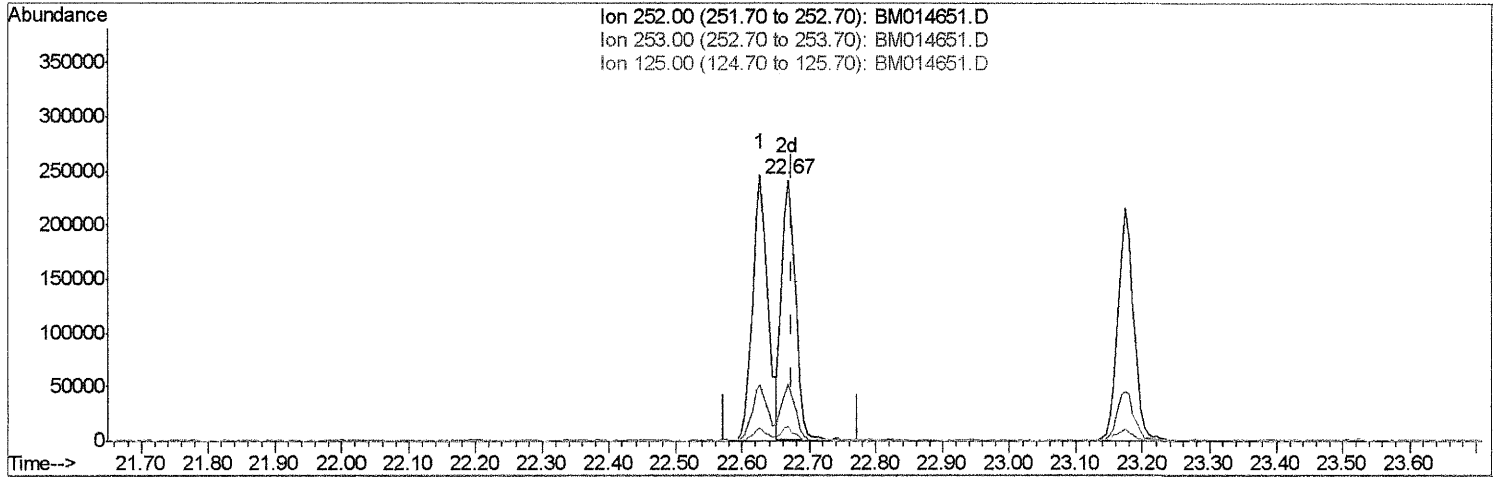
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032218\  
 Data File : BM014651.D  
 Acq On : 22 Mar 2018 10:02  
 Operator : SJ/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD02059

Manual Integrations  
 APPROVED

Sohil  
 3/23/2018 3:48:18 PM

Quant Time: Mar 22 18:16:59 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M  
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 Response via : Initial Calibration



TIC: BM014651.D

(25) Benzo(k)fluoranthene

22.668min (-0.006) 17.94ng/ul m

JU 3/26/18

response 339535

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 21.69 |
| 125.00 | 4.30  | 5.60# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\VOASRV\HPCHEM1\BNA M\DATA\BM032218\  
 Data File : BM014651.D  
 Acq On : 22 Mar 2018 10:02  
 Operator : SJ/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD02059

Manual Integrations  
 APPROVED

Sohil  
 3/23/2018 3:48:18 PM

Quant Time: Mar 22 18:21:29 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 22 01:49:10 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.45  | 152  | 189743   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.21 | 136  | 376334   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.11 | 164  | 204923   | 20.00 | ng/ul | -0.01    |
| 12) Phenanthrene-d10      | 16.88 | 188  | 455394   | 20.00 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 21.10 | 240  | 335869   | 20.00 | ng/ul | -0.01    |
| 23) Perylene-d12          | 23.27 | 264  | 316807   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |       |       |
|--------------------------|-------|-----|--------|-------|-------|-------|
| 3) 2,4-Dichlorophenol-d3 | 9.88  | 165 | 108981 | 18.74 | ng/ul | 0.00  |
| 7) Acenaphthylene-d8     | 13.80 | 160 | 418675 | 19.12 | ng/ul | 0.00  |
| 10) Fluorene-d10         | 15.12 | 176 | 268385 | 18.71 | ng/ul | 0.00  |
| 15) Anthracene-d10       | 16.98 | 188 | 398846 | 18.29 | ng/ul | 0.00  |
| 19) Pyrene-d10           | 19.30 | 212 | 410537 | 20.33 | ng/ul | 0.00  |
| 26) Benzo(a)pyrene-d12   | 23.13 | 264 | 291759 | 19.04 | ng/ul | -0.01 |

## Target Compounds

|                            |       |     |         |        |        | Qvalue |
|----------------------------|-------|-----|---------|--------|--------|--------|
| 4) Naphthalene             | 10.26 | 128 | 366266  | 19.162 | ng/ul  | 98     |
| 5) 2-Methylnaphthalene     | 11.89 | 142 | 247309  | 18.491 | ng/ul  | 97     |
| 8) Acenaphthylene          | 13.83 | 152 | 387192  | 19.047 | ng/ul  | 99     |
| 9) Acenaphthene            | 14.17 | 153 | 258337  | 18.570 | ng/ul  | 98     |
| 11) Fluorene               | 15.17 | 166 | 302683  | 18.361 | ng/ul  | 99     |
| 13) Pentachlorophenol      | 16.56 | 266 | 38174m  | 18.312 | ng/ul  |        |
| 14) Phenanthrene           | 16.92 | 178 | 465443  | 18.250 | ng/ul  | 98     |
| 16) Anthracene             | 17.02 | 178 | 466762  | 18.309 | ng/ul  | 99     |
| 17) Fluoranthene           | 18.96 | 202 | 543800  | 18.785 | ng/ul# | 97     |
| 20) Pyrene                 | 19.33 | 202 | 517199  | 20.475 | ng/ul  | 98     |
| 21) Benzo(a)anthracene     | 21.09 | 228 | 419153  | 19.734 | ng/ul  | 99     |
| 22) Chrysene               | 21.14 | 228 | 384236  | 19.675 | ng/ul  | 97     |
| 24) Benzo(b)fluoranthene   | 22.63 | 252 | 384053  | 19.282 | ng/ul  | 97     |
| 25) Benzo(k)fluoranthene   | 22.67 | 252 | 339535m | 17.943 | ng/ul  |        |
| 27) Benzo(a)pyrene         | 23.17 | 252 | 354305  | 18.741 | ng/ul  | 98     |
| 28) Indeno(1,2,3-cd)pyrene | 25.41 | 276 | 405551  | 18.638 | ng/ul  | 99     |
| 29) Dibenzo(a,h)anthracene | 25.41 | 278 | 335887  | 18.443 | ng/ul  | 97     |
| 30) Benzo(a,h,i)perylene   | 26.07 | 276 | 326338  | 18.828 | ng/ul  | 99     |

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