

# Quantitation Report (Qedit)

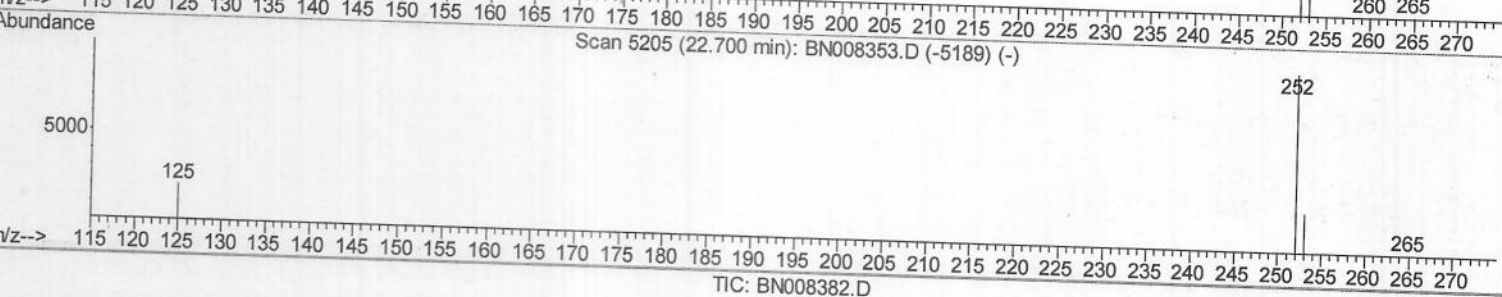
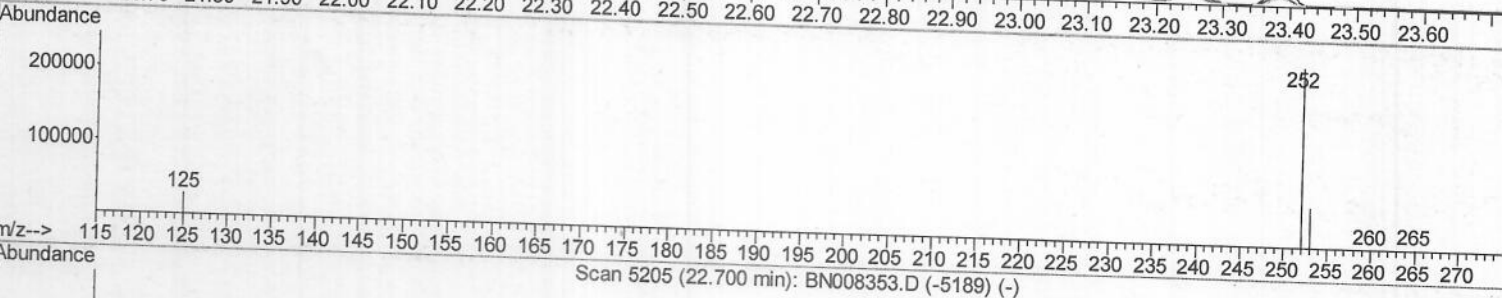
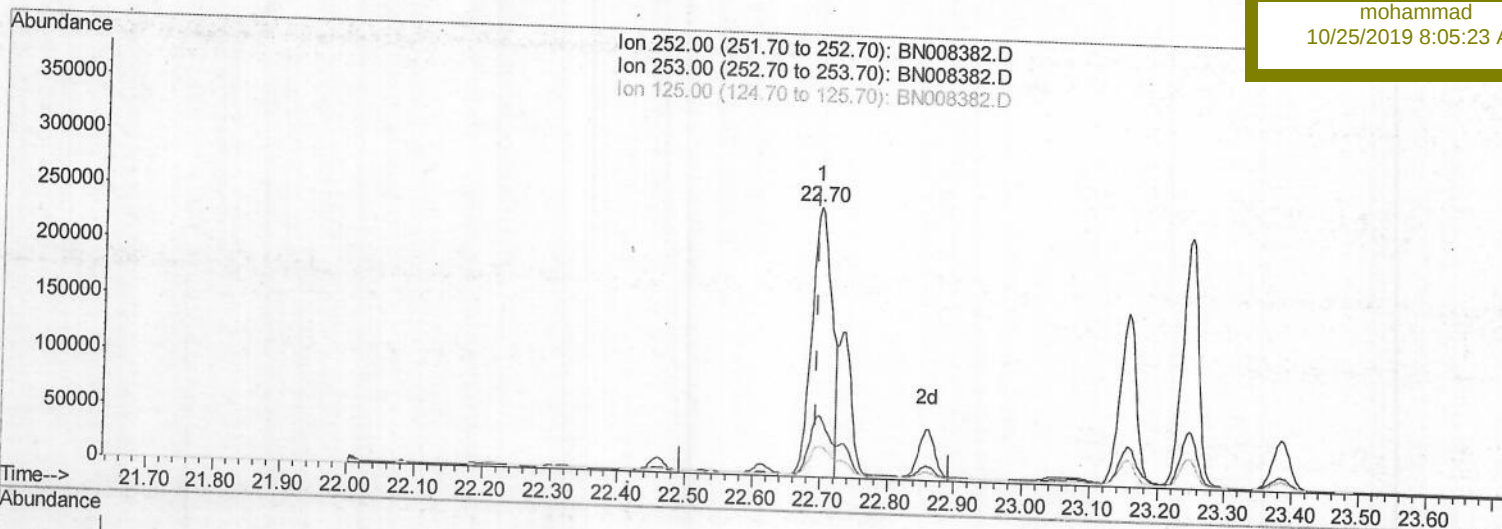
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102419\  
 Data File : BN008382.D  
 Acq On : 24 Oct 2019 11:51  
 Operator : JU  
 Sample : K5235-16  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 14:16:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN101019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 24 13:52:48 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 Client Sample Id :  
 BEPB6

Manual Integrations  
 APPROVED

mohammad  
 10/25/2019 8:05:23 AM



(21) Benzo(b)fluoranthene

22.697min (+0.003) 15.15ng/ul m →

response 509147

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.70 | 23.00 |
| 125.00 | 16.20 | 11.50 |
| 0.00   | 0.00  | 0.00  |

J.U  
 10/24/2019

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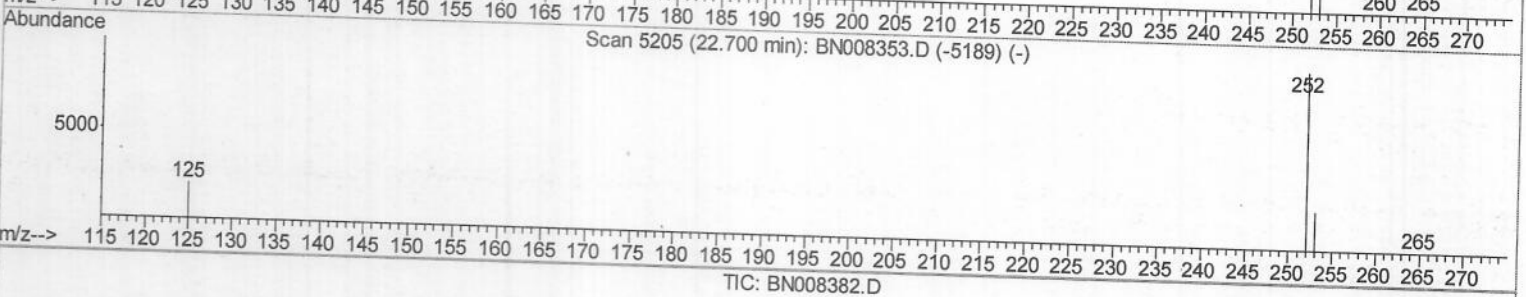
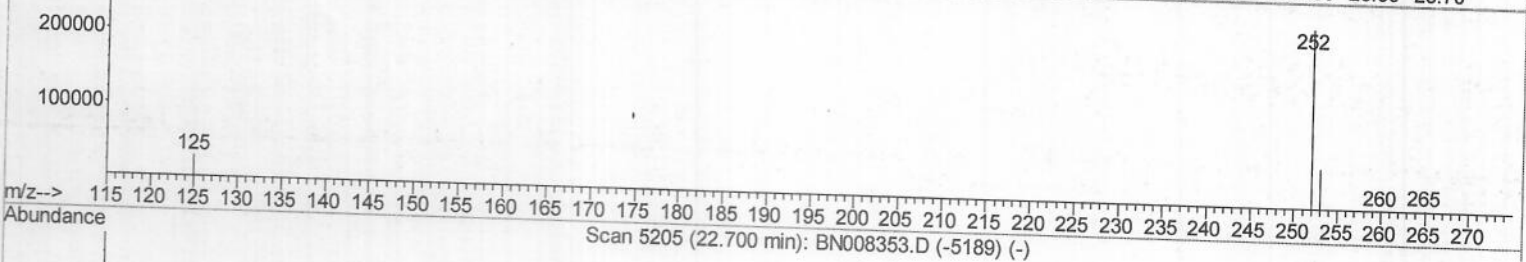
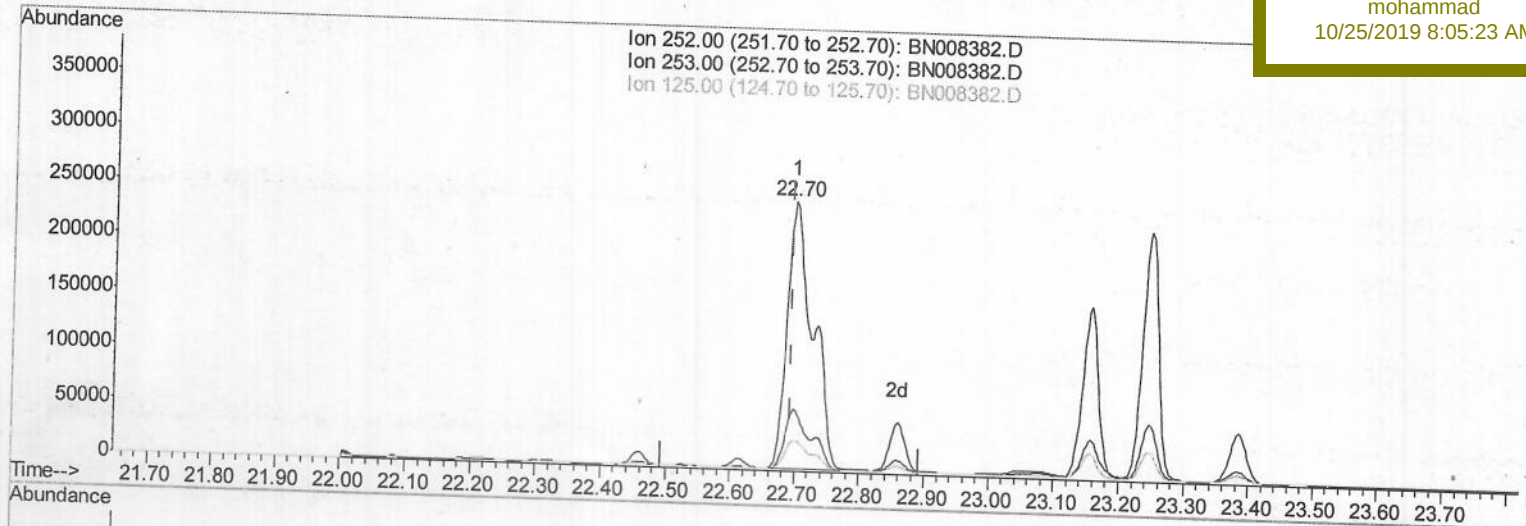
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(21) Benzo(b)fluoranthene  
 22.697min (+0.003) 20.32ng/ul  
 response 683069

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.70 | 23.00 |
| 125.00 | 16.20 | 11.50 |
| 0.00   | 0.00  | 0.00  |

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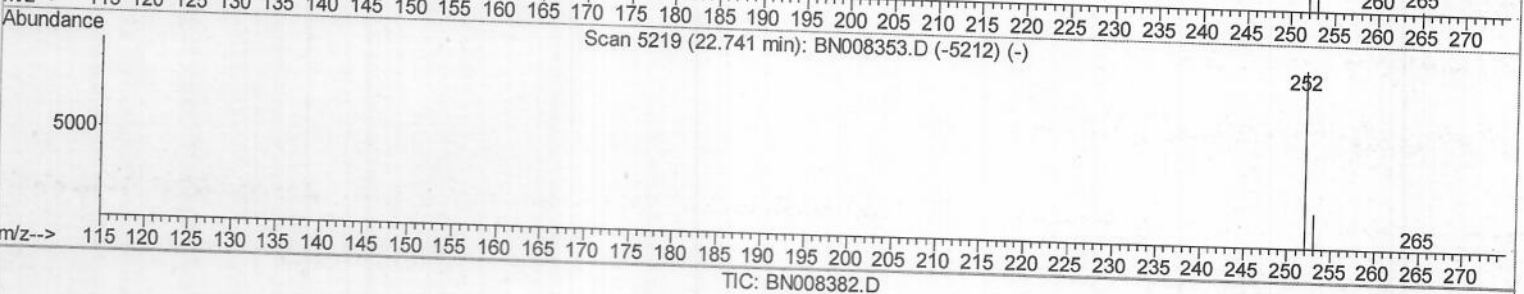
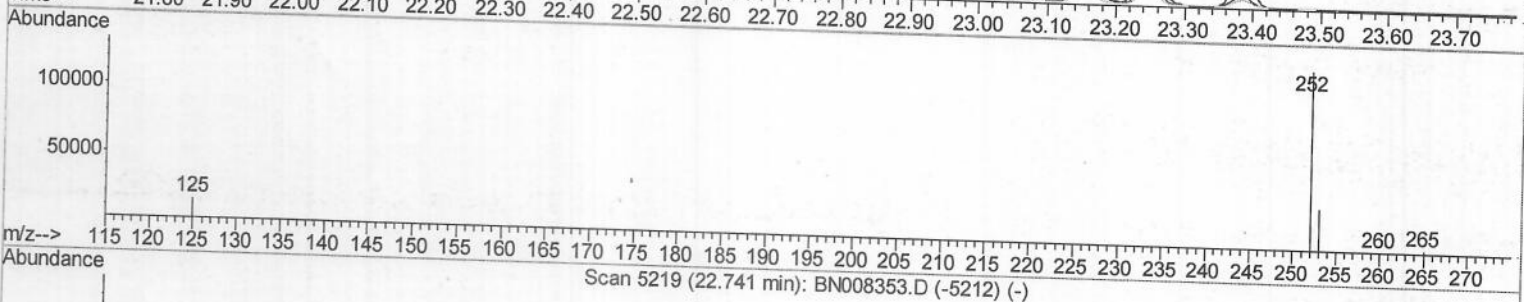
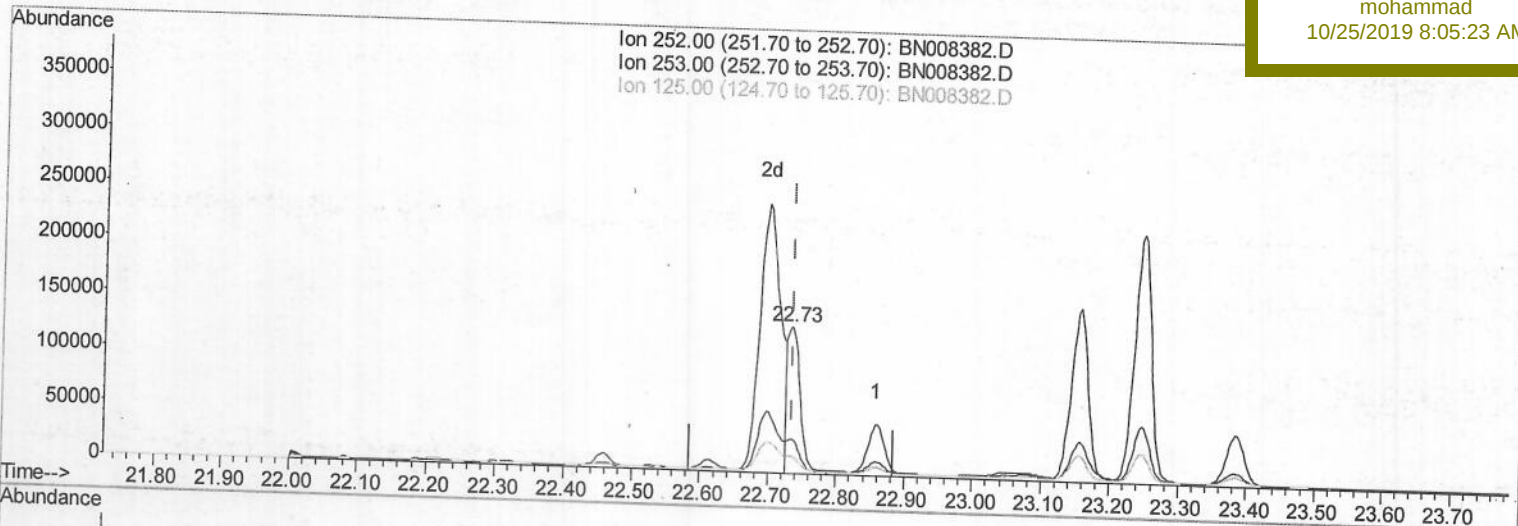
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(22) Benzo(k)fluoranthene

22.735min (-0.000) 4.37ng/ul m → 10/24/2019

response 166606

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 23.61  |
| 125.00 | 15.40 | 11.59# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

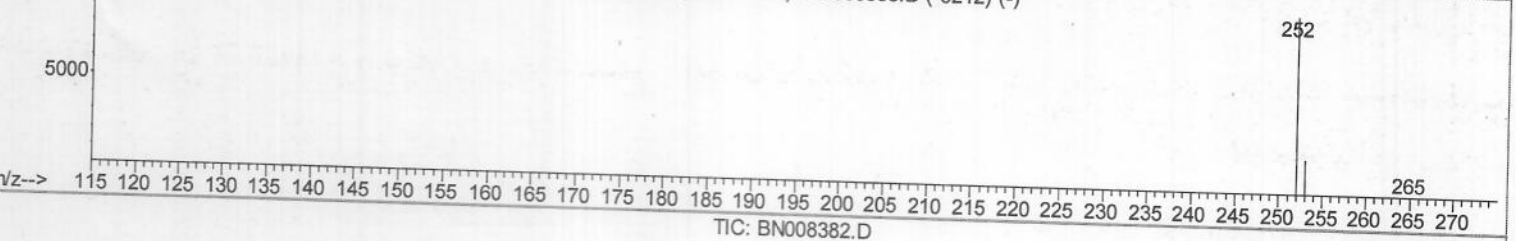
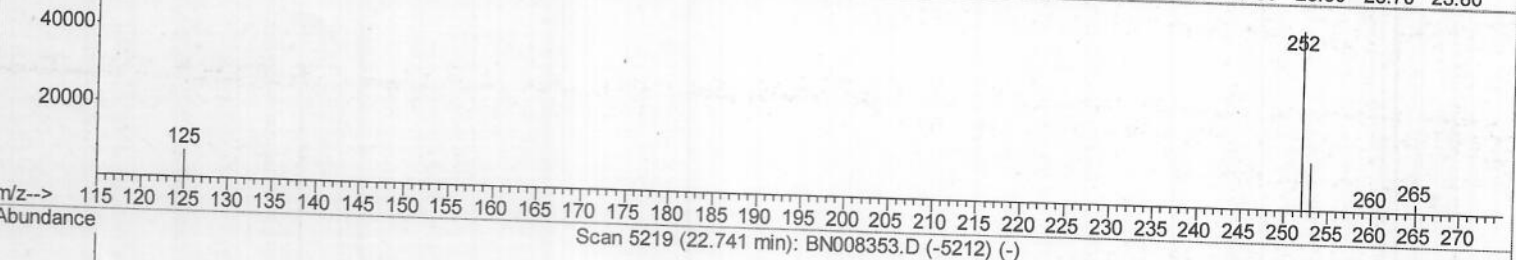
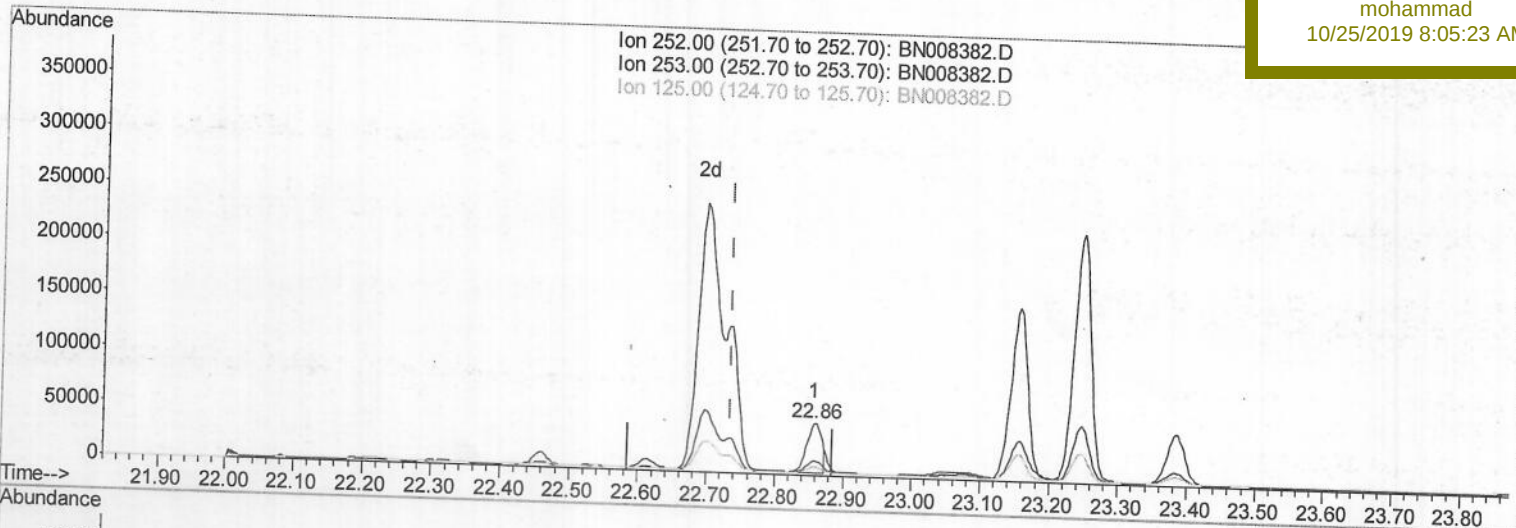
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(22) Benzo(k)fluoranthene  
 22.858min (+0.123) 1.74ng/ul  
 response 66217

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 27.51 |
| 125.00 | 15.40 | 16.26 |
| 0.00   | 0.00  | 0.00  |

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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.57  | 152  | 2239     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.33 | 136  | 11068    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.21 | 164  | 6782     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.96 | 188  | 15270    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.17 | 240  | 12260    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.34 | 264  | 10327    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.93 | 152  | 2696     | 0.14   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.00 | 212  | 9891     | 0.19   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |        |        |          |
| 3) Naphthalene              | 10.38 | 128  | 6377     | 0.202  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.01 | 142  | 3363     | 0.156  | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.93 | 152  | 23422    | 0.725  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.27 | 153  | 9630     | 0.383  | ng/ul  | 99       |
| 9) Fluorene                 | 15.26 | 166  | 12870    | 0.451  | ng/ul  | 97       |
| 12) Phenanthrene            | 17.00 | 178  | 305584   | 6.835  | ng/ul  | 99       |
| 13) Anthracene              | 17.09 | 178  | 67952    | 1.727  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.03 | 202  | 819973   | 13.887 | ng/ul  | 98       |
| 17) Pyrene                  | 19.39 | 202  | 890411   | 18.240 | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.15 | 228  | 509135   | 11.422 | ng/ul  | 98       |
| 19) Chrysene                | 21.20 | 228  | 531964   | 9.725  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.70 | 252  | 509147m  | 15.145 | ng/ul  | 84       |
| 22) Benzo(k)fluoranthene    | 22.73 | 252  | 166606m  | 4.375  | ng/ul  | 98       |
| 23) Benzo(a)pyrene          | 23.25 | 252  | 382812   | 10.821 | ng/ul# | 98       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.49 | 276  | 208056   | 4.993  | ng/ul  | 98       |
| 25) Dibenzo(a,h)anthracene  | 25.49 | 278  | 59527    | 1.807  | ng/ul  | 98       |
| 26) Benzo(g,h,i)perylene    | 26.14 | 276  | 212508   | 5.562  | ng/ul  | 99       |

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

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## Manual Integrations

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