

# Quantitation Report (QT Reviewed)

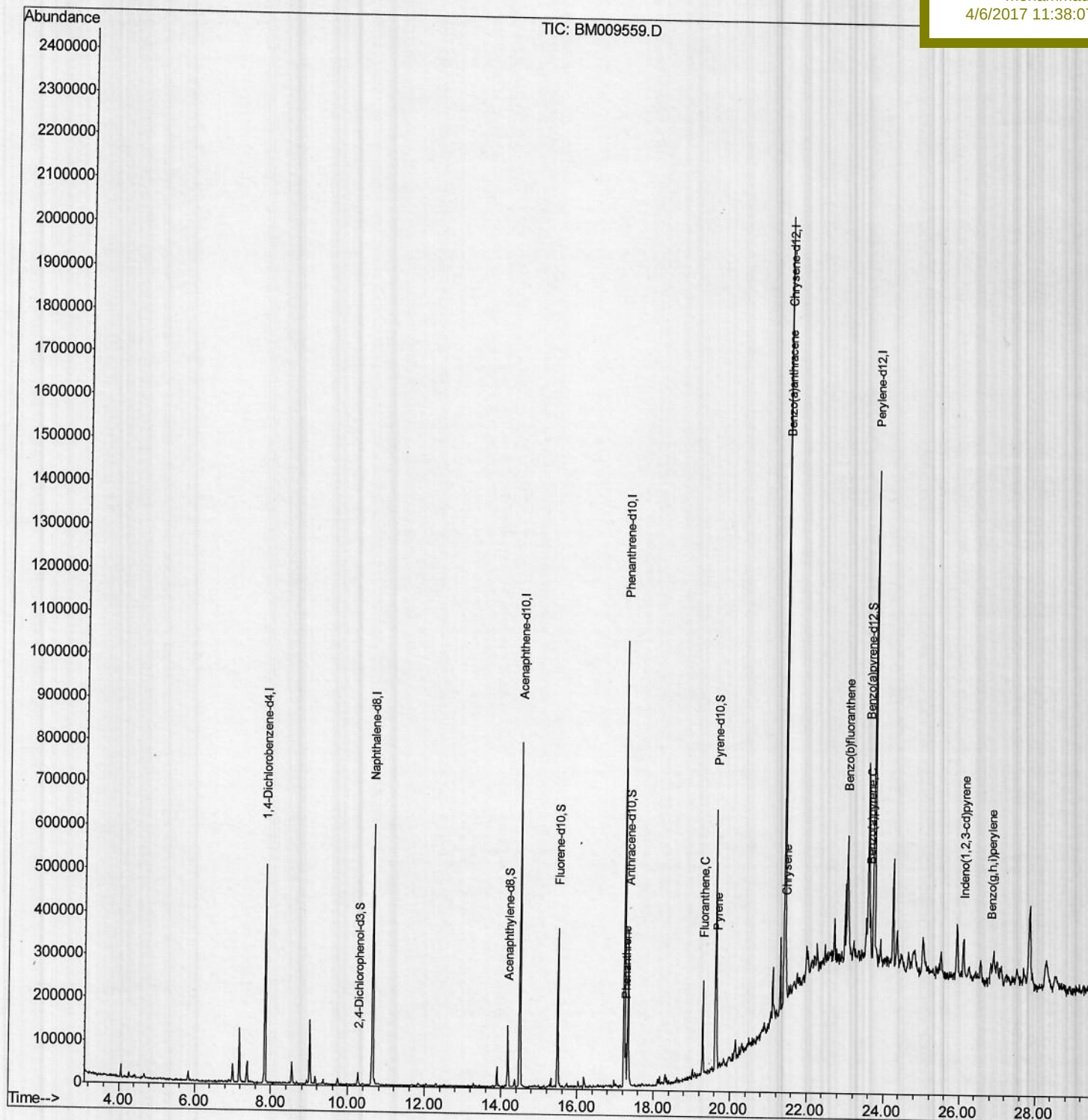
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM040617\  
 Data File : BM009559.D  
 Acq On : 05 Apr 2017 15:58  
 Operator : SJ/MA  
 Sample : I2285-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 05 18:44:59 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040417-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 05 13:39:58 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB334

Manual Integrations  
 APPROVED

mohammad  
 4/6/2017 11:38:07 AM



# Quantitation Report (Qedit)

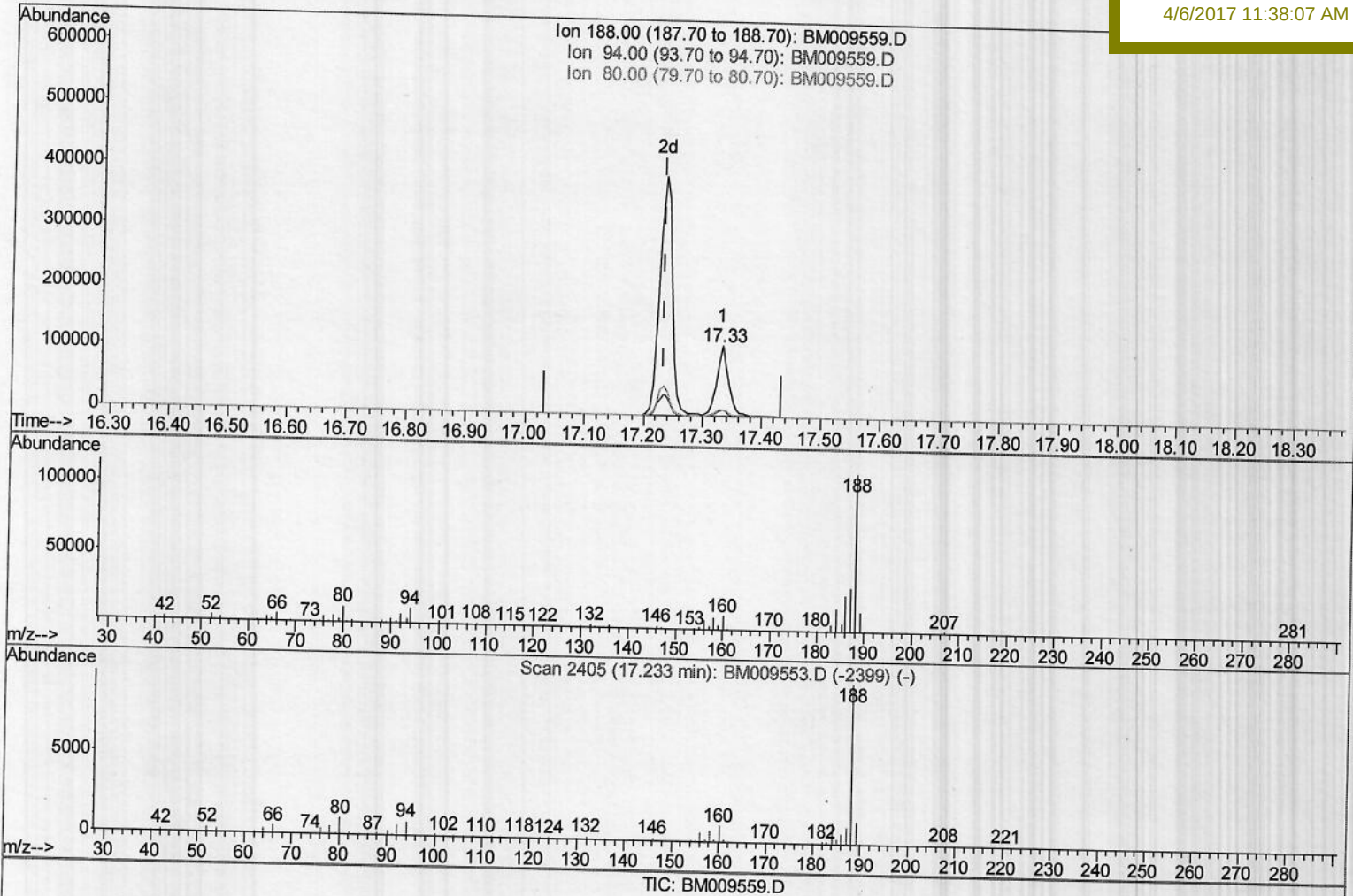
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM040617\  
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Quant Time: Apr 05 18:36:20 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040417-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 05 13:39:58 2017  
 Response via : Initial Calibration



(12) Phenanthrene-d10 (I)

17.333min (+0.100) 20.00ng/ul

response 157503

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 9.70  | 9.66  |
| 80.00  | 10.40 | 10.06 |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

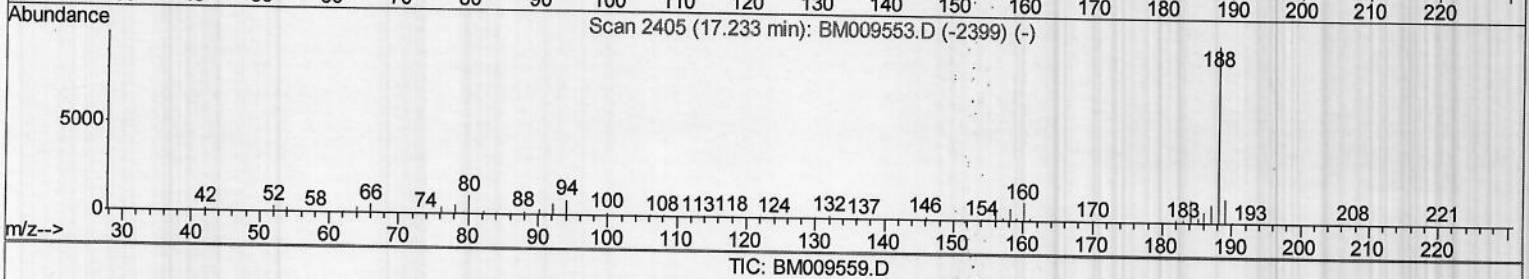
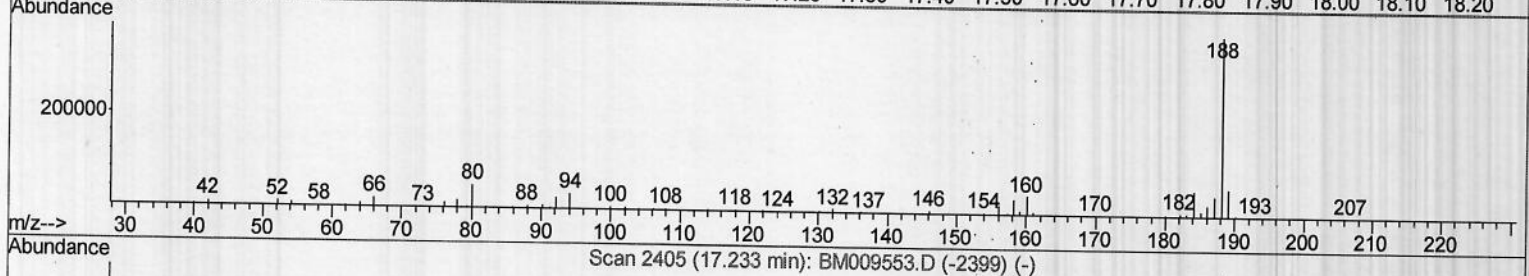
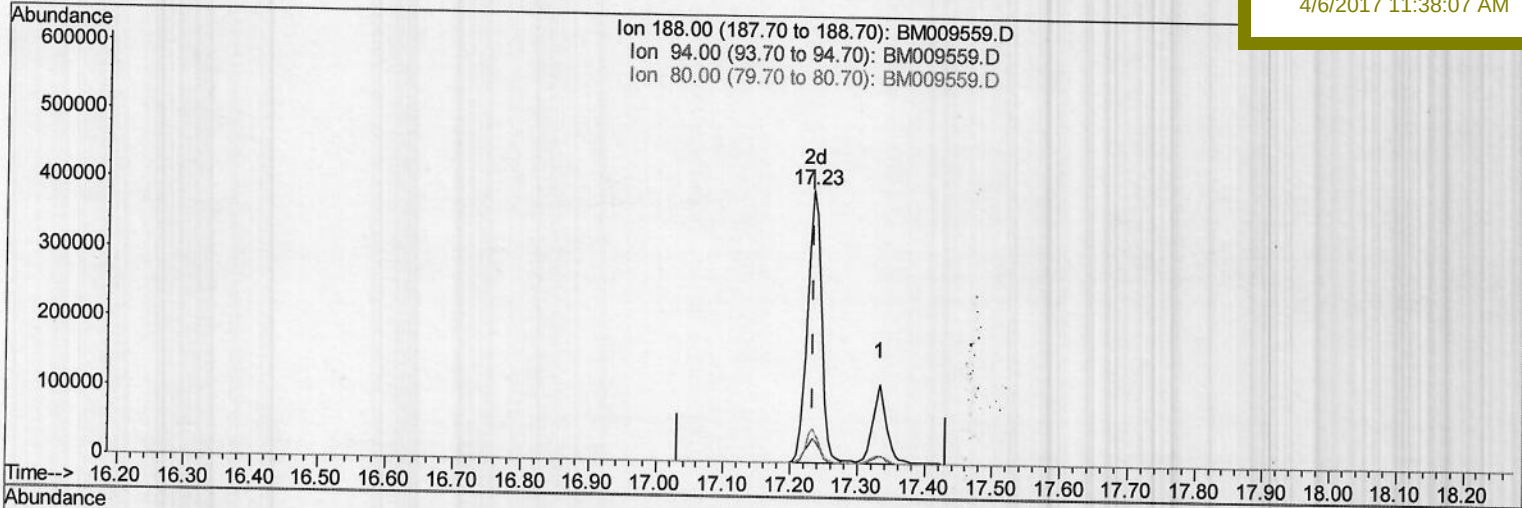
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM040617\  
 Data File : BM009559.D  
 Acq On : 05 Apr 2017 15:58  
 Operator : SJ/MA  
 Sample : I2285-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 05 18:36:20 2017  
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TIC: BM009559.D

(12) Phenanthrene-d10 (I)

17.233min (-0.000) 20.00ng/ul m )

response 569559

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 9.70  | 8.64   |
| 80.00  | 10.40 | 12.51# |
| 0.00   | 0.00  | 0.00   |

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*04/10/2017*

# Quantitation Report (Qedit)

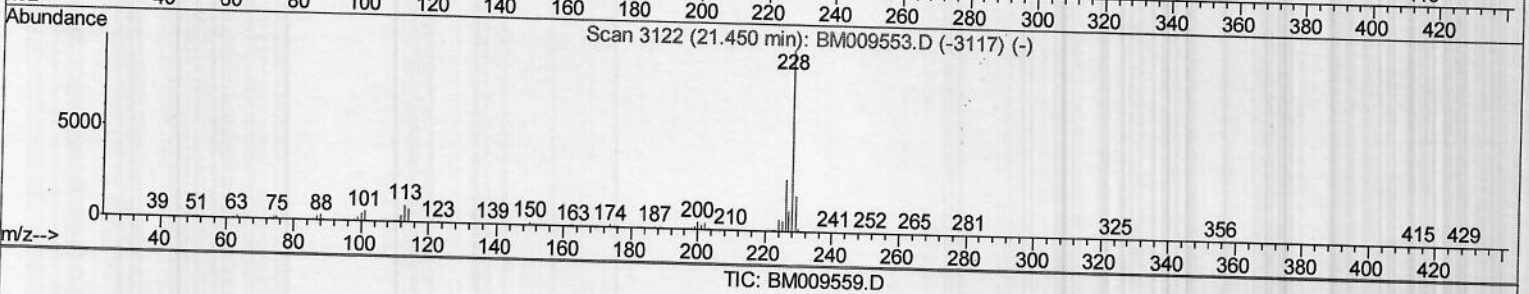
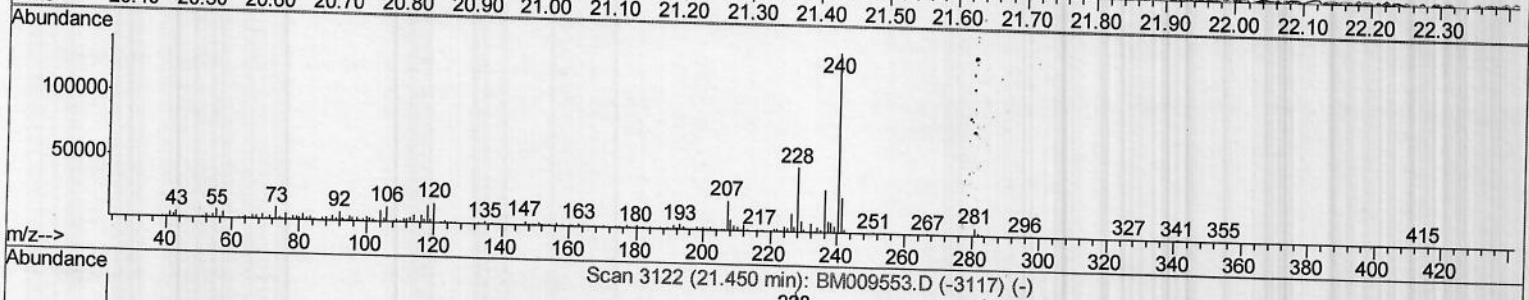
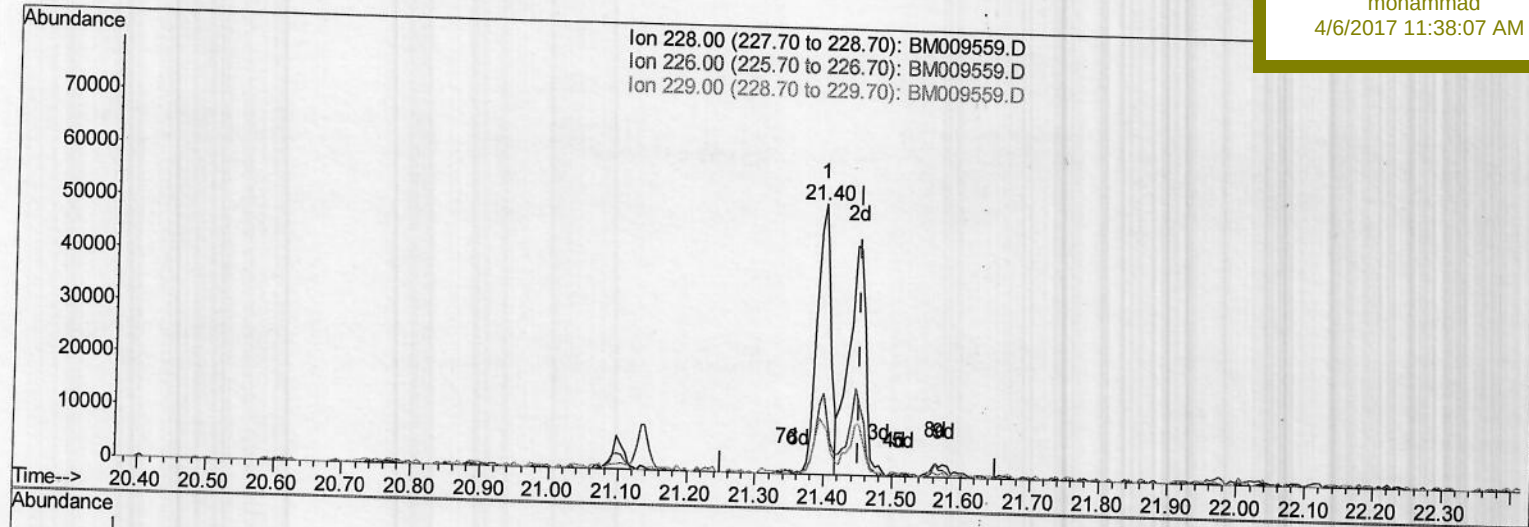
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM040617\  
 Data File : BM009559.D  
 Acq On : 05 Apr 2017 15:58  
 Operator : SJ/MA  
 Sample : I2285-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Quant Time: Apr 05 18:42:53 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040417-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 05 13:39:58 2017  
 Response via : Initial Calibration



(22) Chrysene

21.397min (-0.053) 1.65ng/ul

response 72275

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 31.30 | 29.37 |
| 229.00 | 20.80 | 18.11 |
| 0.00   | 0.00  | 0.00  |



## Quantitation Report (Qedit)

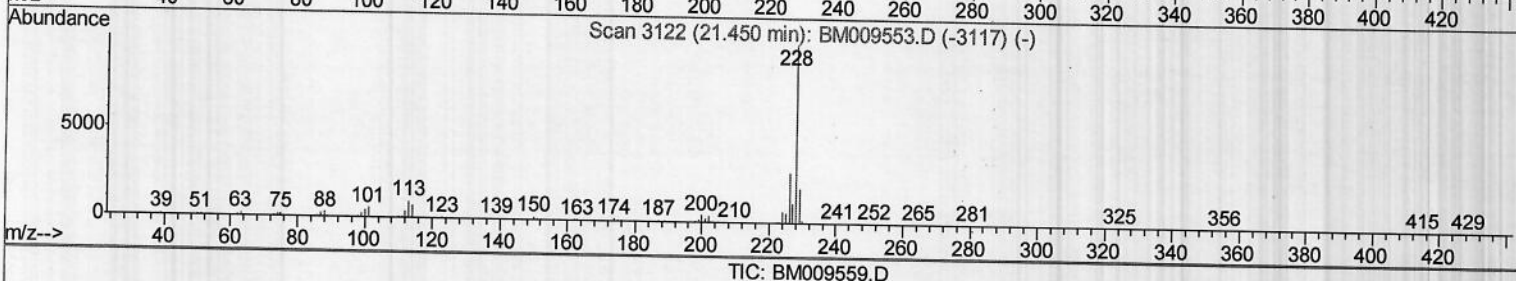
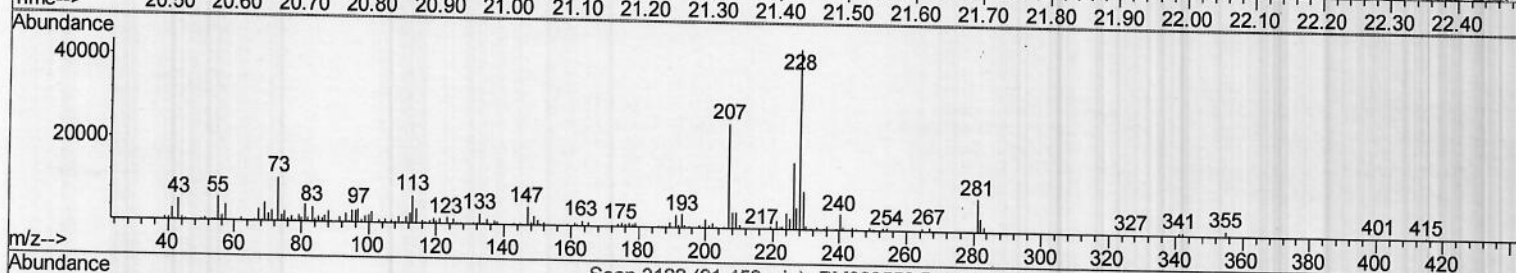
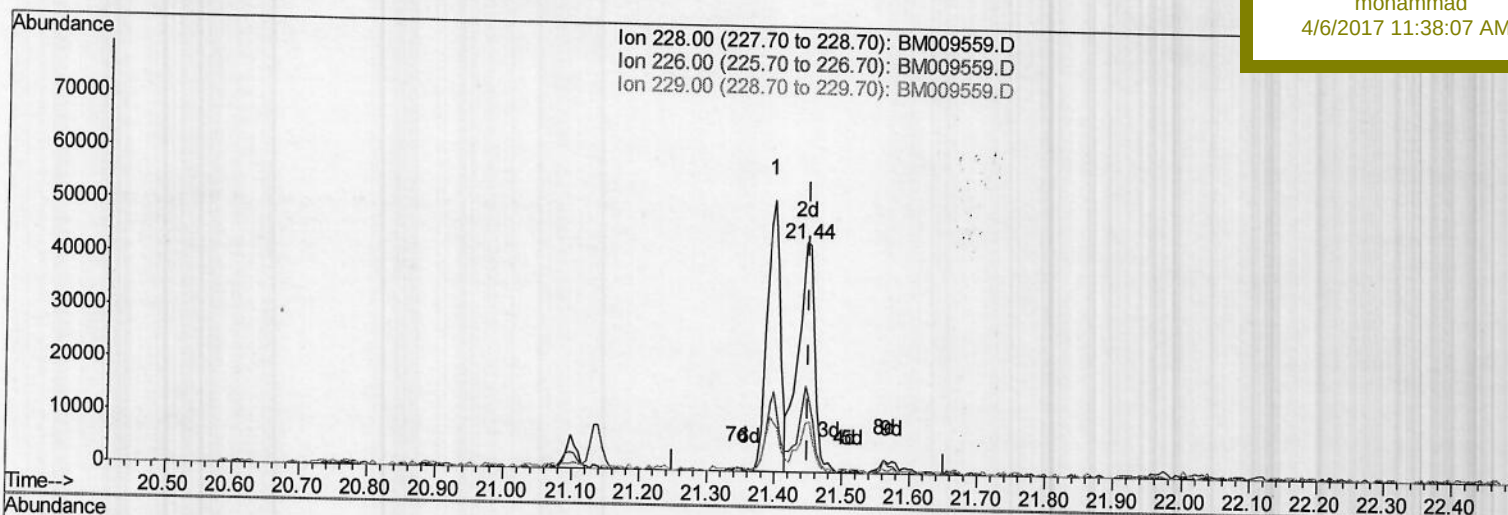
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM040617\  
Data File : BM009559.D  
Acq On : 05 Apr 2017 15:58  
Operator : SJ/MA  
Sample : I2285-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 05 18:42:53 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040417-PAH.M  
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(22) Chrysene

21.444min (-0.006) 1.72ng/ul m

response 75190

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 31.30 | 37.62# |
| 229.00 | 20.80 | 21.70  |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

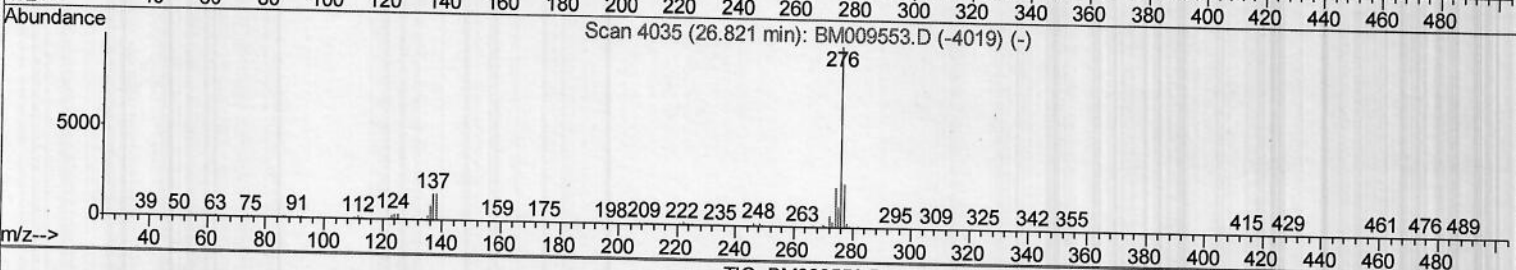
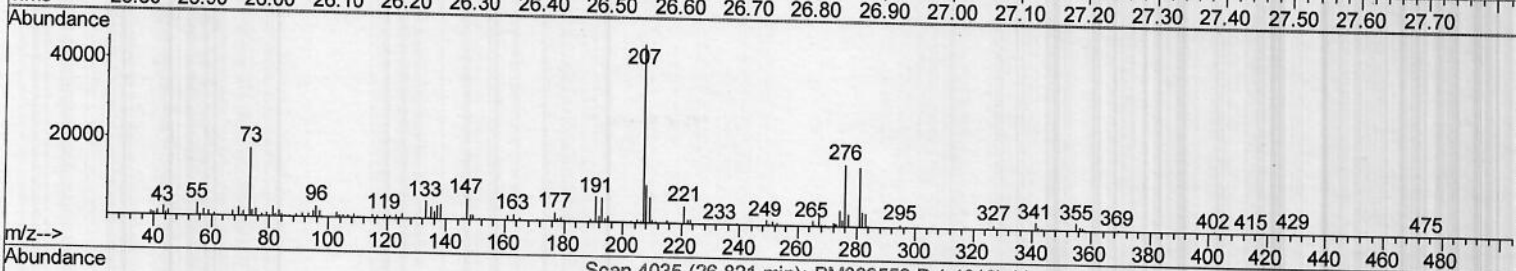
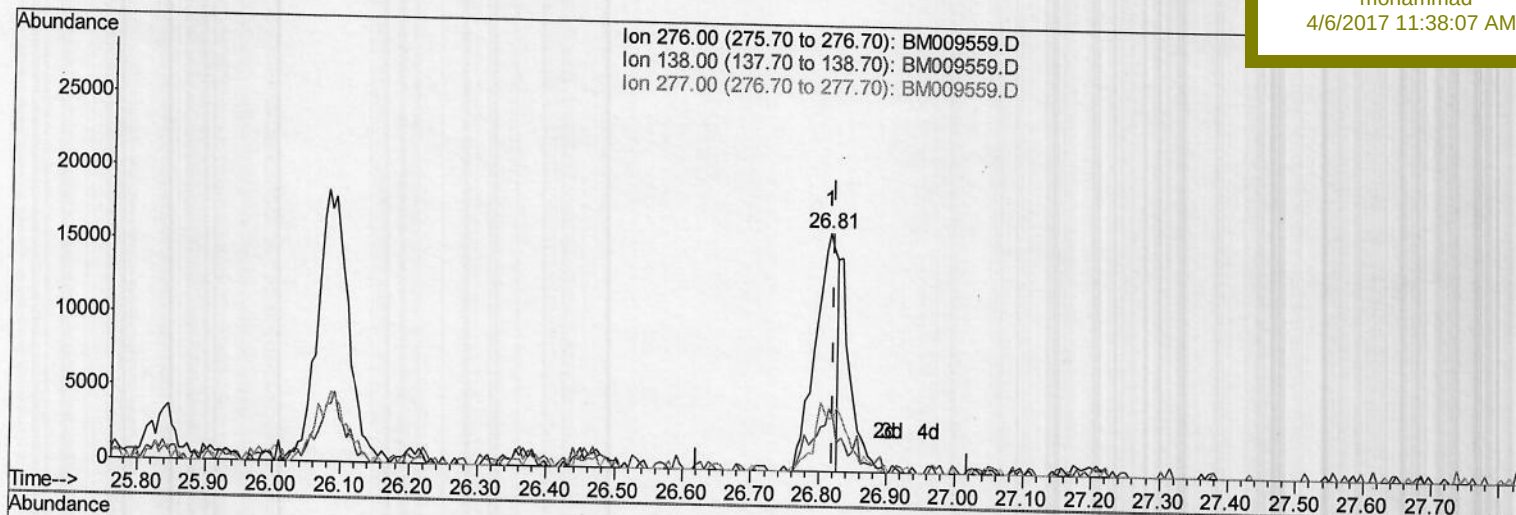
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM040617\  
 Data File : BM009559.D  
 Acq On : 05 Apr 2017 15:58  
 Operator : SJ/MA  
 Sample : I2285-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 05 18:43:34 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040417-PAH.M  
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Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB334

Manual Integrations  
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(30) Benzo(g,h,i)perylene  
 26.815min (-0.006) 0.80ng/ul  
 response 36723

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 23.70 | 25.66 |
| 277.00 | 24.60 | 21.82 |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

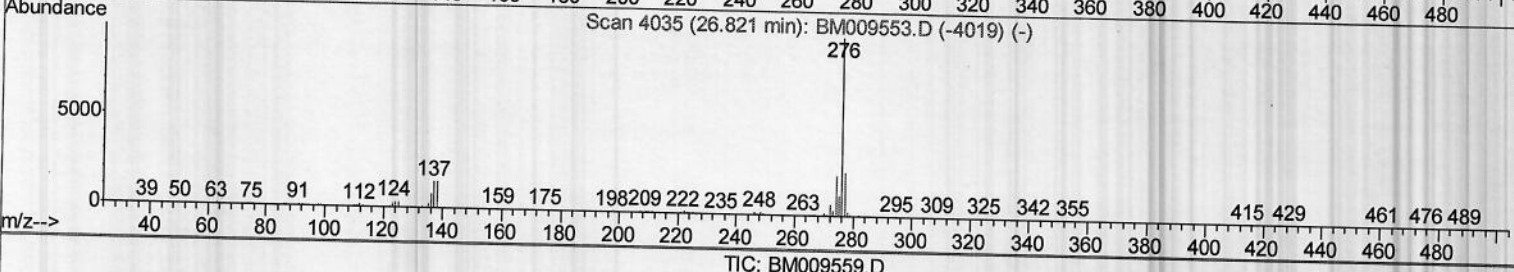
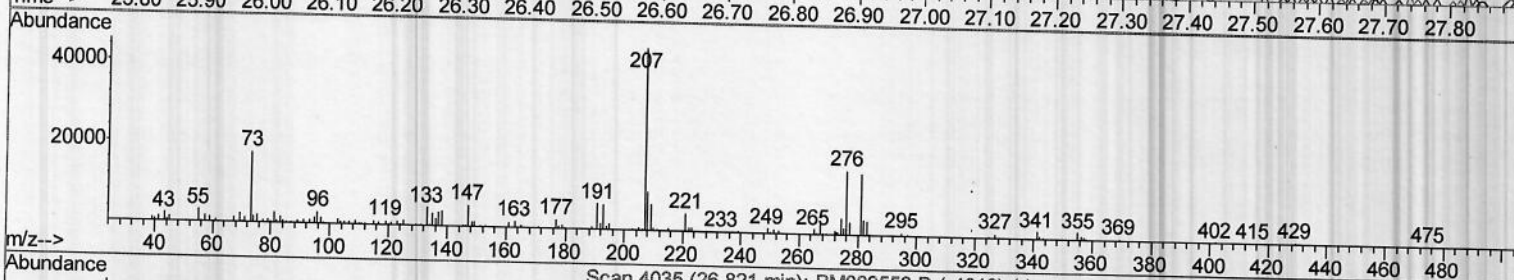
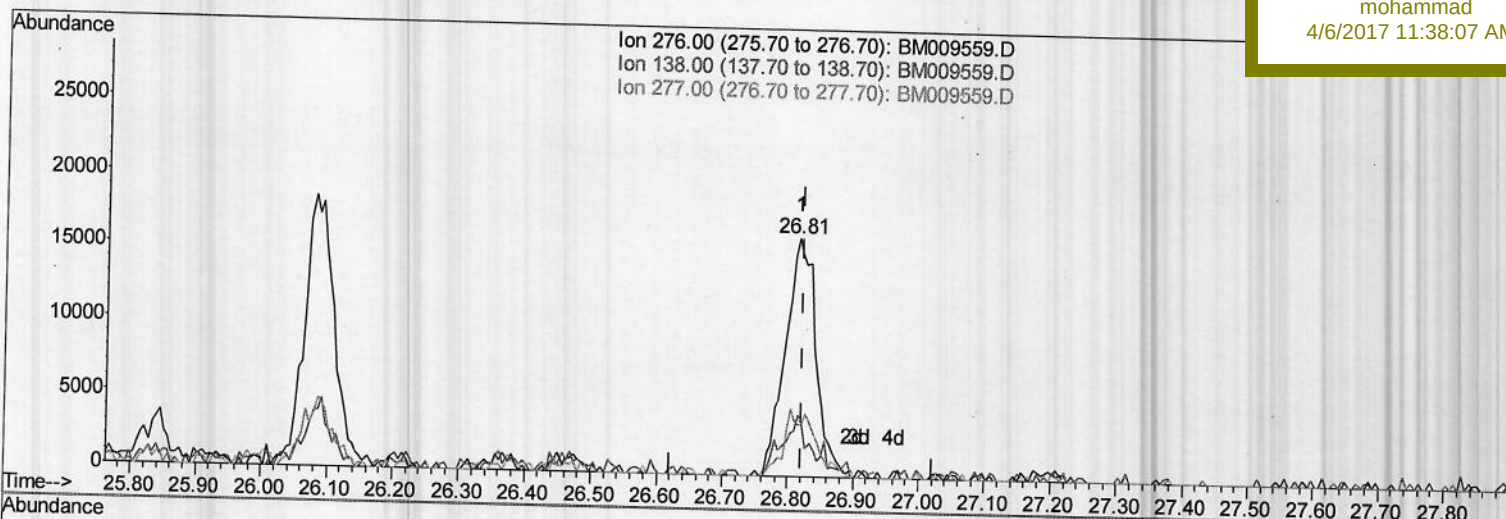
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM040617\  
 Data File : BM009559.D  
 Acq On : 05 Apr 2017 15:58  
 Operator : SJ/MA  
 Sample : I2285-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 05 18:43:34 2017  
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 ClientSampleId :  
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Manual Integrations  
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(30) Benzo(g,h,i)perylene

26.815min (-0.006) 1.14ng/ul m

response 52387

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 23.70 | 25.66 |
| 277.00 | 24.60 | 21.82 |
| 0.00   | 0.00  | 0.00  |

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 04/10/2017



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 Data File : BM009559.D  
 Acq On : 05 Apr 2017 15:58  
 Operator : SJ/MA  
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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev (Min) |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 112459   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.64 | 136  | 433057   | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.49 | 164  | 239848   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 17.23 | 188  | 569559m  | 20.00 | ng/ul  | 0.00      |
| 18) Chrysene-d12            | 21.41 | 240  | 843540   | 20.00 | ng/ul  | 0.00      |
| 23) Perylene-d12            | 23.73 | 264  | 843988   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 3) 2,4-Dichlorophenol-d3    | 10.26 | 165  | 11519    | 1.73  | ng/uL  | 0.00      |
| 7) Acenaphthylene-d8        | 14.18 | 160  | 95546    | 4.06  | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 15.48 | 176  | 128000   | 7.57  | ng/ul  | 0.00      |
| 15) Anthracene-d10          | 17.33 | 188  | 154888   | 5.68  | ng/ul  | 0.00      |
| 19) Pyrene-d10              | 19.63 | 212  | 260759   | 7.52  | ng/ul  | 0.00      |
| 26) Benzo(a)pyrene-d12      | 23.58 | 264  | 273748   | 7.35  | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 14) Phenanthrene            | 17.27 | 178  | 52153    | 1.63  | ng/ul  | 98        |
| 17) Fluoranthene            | 19.29 | 202  | 116935   | 2.93  | ng/ul  | 96        |
| 20) Pyrene                  | 19.66 | 202  | 107833   | 2.35  | ng/ul  | 96        |
| 21) Benzo(a)anthracene      | 21.40 | 228  | 72275    | 1.52  | ng/ul  | 96        |
| 22) Chrysene                | 21.44 | 228  | 75190m   | 1.72  | ng/ul  |           |
| 24) Benzo(b)fluoranthene    | 23.03 | 252  | 105999   | 2.03  | ng/ul# | 97        |
| 27) Benzo(a)pyrene          | 23.63 | 252  | 61894    | 1.25  | ng/ul# | 92        |
| 28) Indeno(1,2,3-cd)pyrene  | 26.08 | 276  | 56935    | 1.02  | ng/ul  | 95        |
| 30) Benzo(g,h,i)perylene    | 26.81 | 276  | 52387m   | 1.14  | ng/ul  |           |

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