

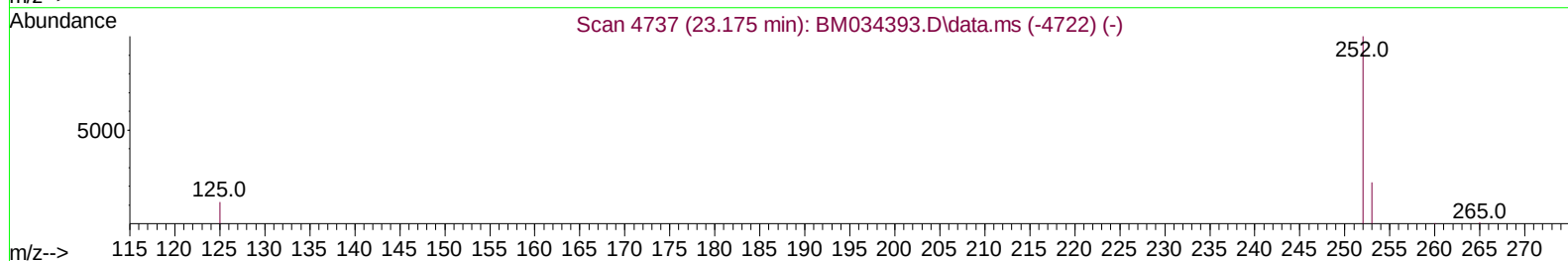
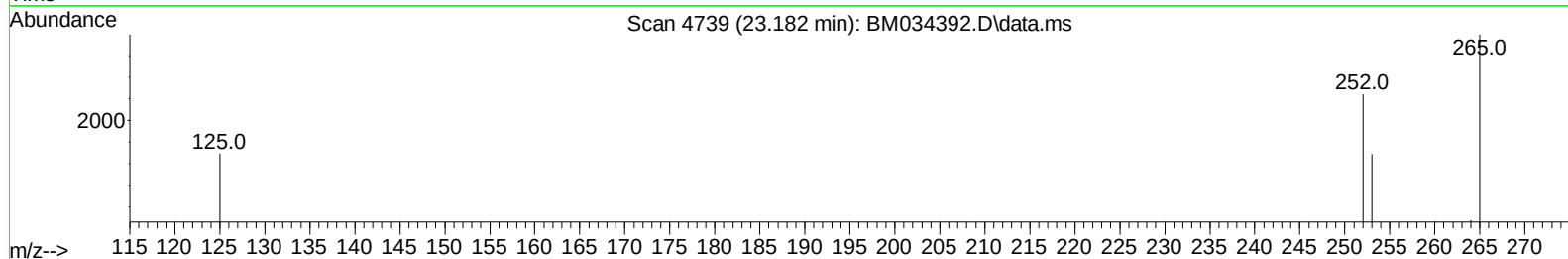
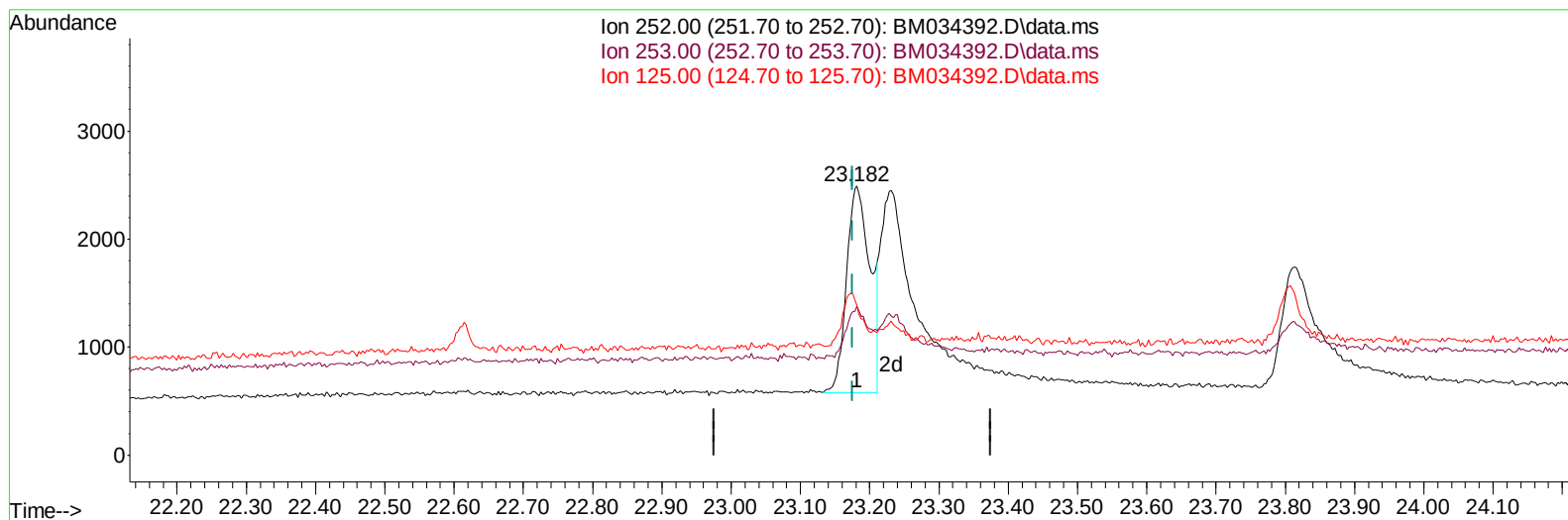
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032822\  
 Data File : BM034392.D  
 Acq On : 28 Mar 2022 15:24  
 Operator : CG/JU  
 Sample : SST00.209  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST00.209

Manual IntegrationsAPPROVED

Quant Time: Mar 28 17:17:23 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 28 17:15:47 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/29/2022  
 Supervised By :mohammad ahmed 03/29/2022



TIC: BM034392.D\data.ms

**(24) Benzo(b)fluoranthene**

**23.182min (+ 0.006) 0.18 ng/u1**

**response 4530**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.10  | 55.22  |
| 125.00 | 14.40  | 55.82# |
| 0.00   | 0.00   | 0.00   |

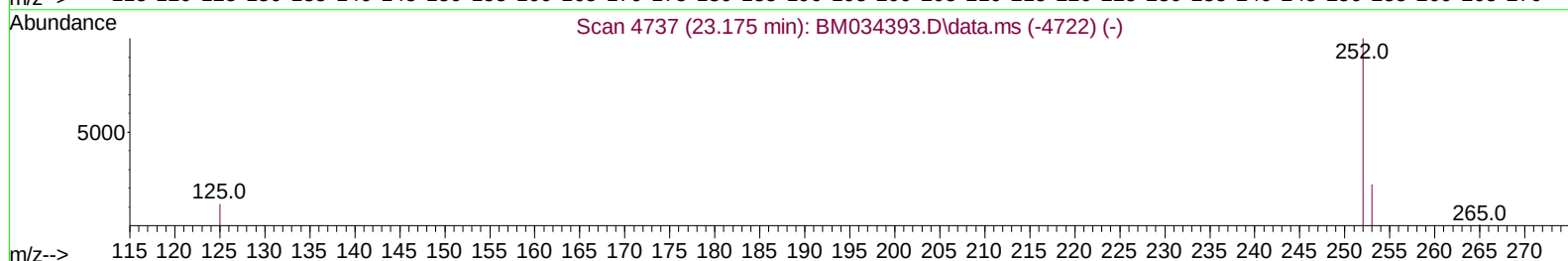
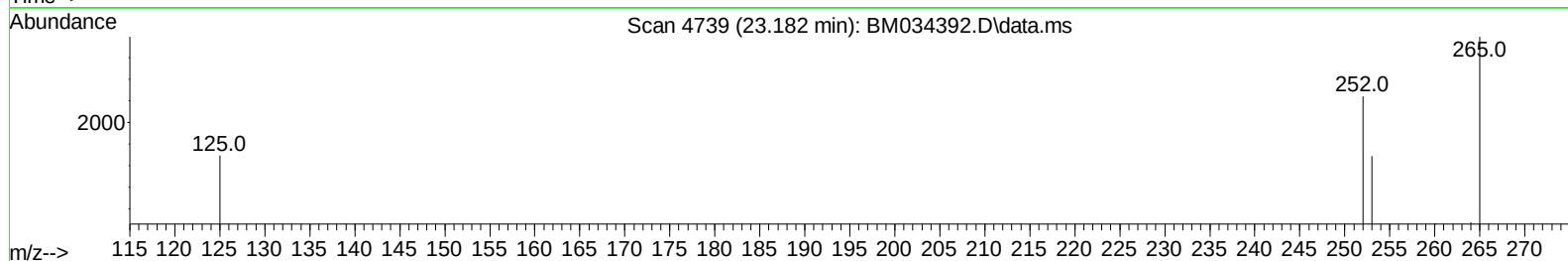
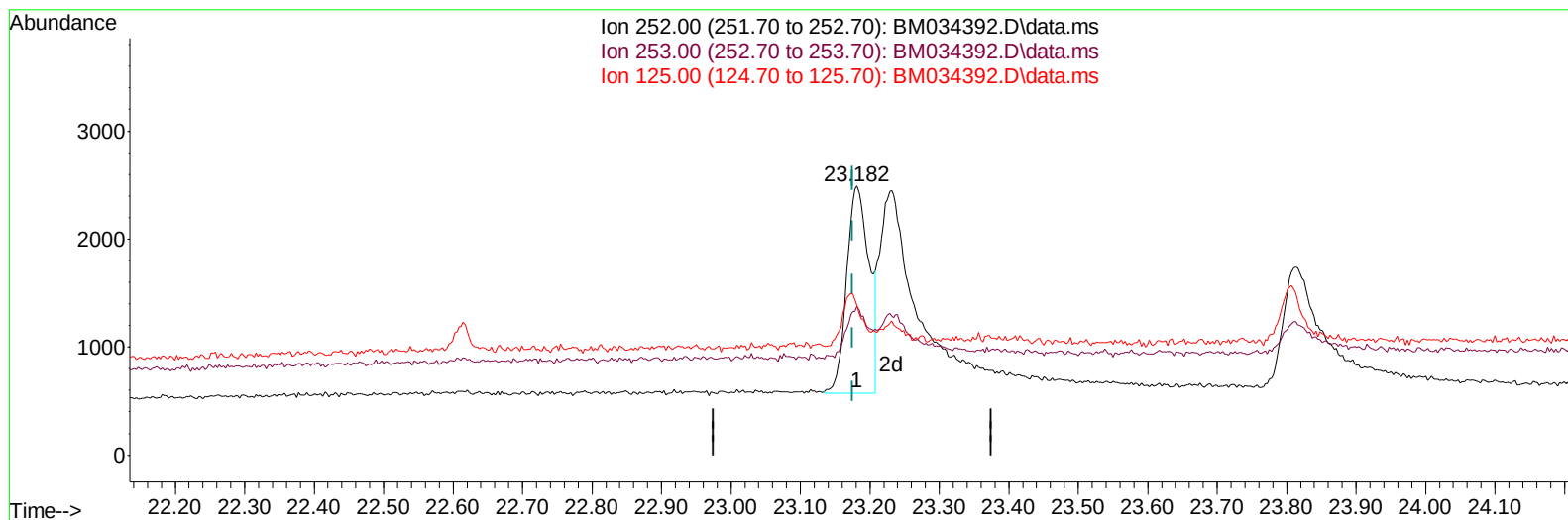
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032822\  
Data File : BM034392.D  
Acq On : 28 Mar 2022 15:24  
Operator : CG/JU  
Sample : SST00.209  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD0.2009

## Manual IntegrationsAPPROVED

Quant Time: Mar 28 17:17:23 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 28 17:15:47 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/29/2022  
Supervised By :mohammad ahmed 03/29/2022



TIC: BM034392.D\data.ms

## (24) Benzo(b)fluoranthene

23.182min (+ 0.006) 0.17 ng/ul m

response 4360

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.10  | 55.22  |
| 125.00 | 14.40  | 55.82# |
| 0.00   | 0.00   | 0.00   |

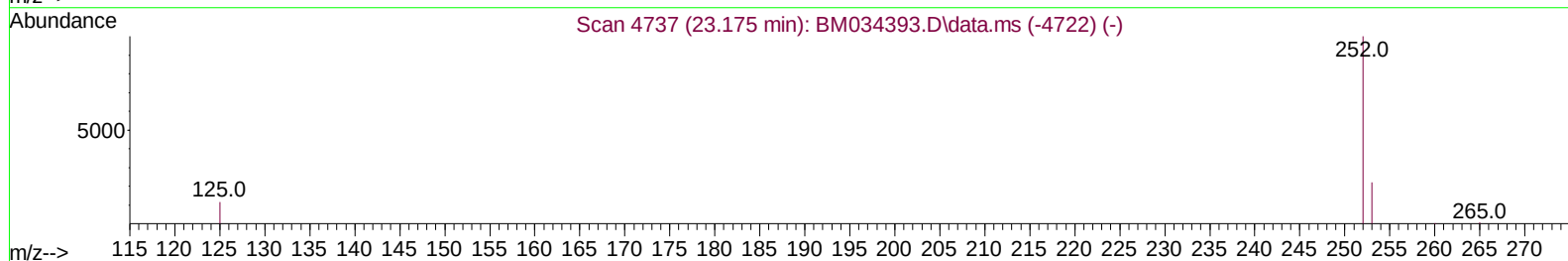
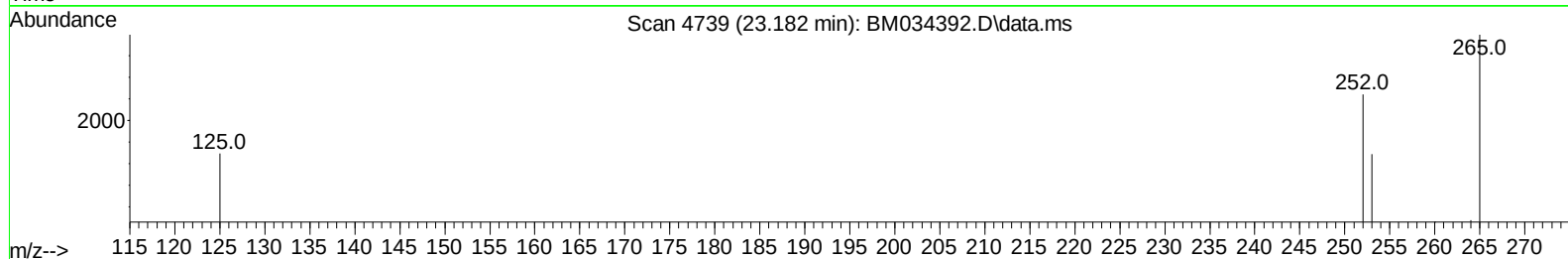
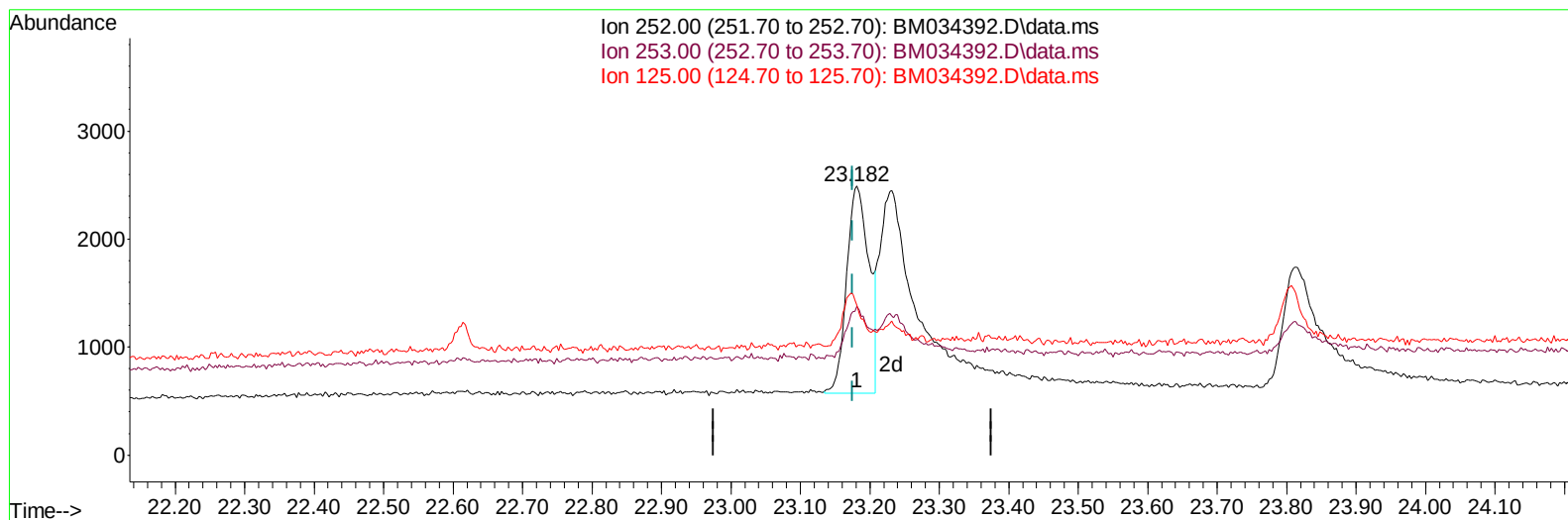
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032822\  
 Data File : BM034392.D  
 Acq On : 28 Mar 2022 15:24  
 Operator : CG/JU  
 Sample : SST00.209  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST00.209

Manual IntegrationsAPPROVED

Quant Time: Mar 28 17:17:23 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 28 17:15:47 2022  
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Reviewed By :Jagrut Upadhyay 03/29/2022  
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TIC: BM034392.D\data.ms

(24) Benzo(b)fluoranthene

23.182min (+ 0.006) 0.17 ng/ul m

response 4360

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.10  | 55.22  |
| 125.00 | 14.40  | 55.82# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032822\  
 Data File : BM034392.D  
 Acq On : 28 Mar 2022 15:24  
 Operator : CG/JU  
 Sample : SST00.209  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST00.2009

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/29/2022  
 Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 28 17:17:23 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM032822.M  
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 QLast Update : Mon Mar 28 17:15:47 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.937  | 152  | 2785     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.752 | 136  | 7623     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.578 | 164  | 3922     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.325 | 188  | 6986     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.501 | 240  | 5919     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.915 | 264  | 6281     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.305  | 96   | 973      | 0.300 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.341 | 152  | 2066     | 0.176 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.348 | 212  | 3715     | 0.208 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.343  | 88   | 1047     | 0.333 | ng/ul# | 75       |
| 5) Naphthalene              | 10.801 | 128  | 4379     | 0.209 | ng/ul  | 93       |
| 7) 2-Methylnaphthalene      | 12.418 | 142  | 2745     | 0.186 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.632 | 142  | 2715     | 0.185 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.301 | 152  | 3880     | 0.235 | ng/ul  | 95       |
| 11) Acenaphthene            | 14.638 | 153  | 2940     | 0.220 | ng/ul  | 95       |
| 12) Fluorene                | 15.628 | 166  | 3095     | 0.191 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.987 | 266  | 609      | 0.272 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.367 | 178  | 4499     | 0.213 | ng/ul  | 99       |
| 16) Anthracene              | 17.460 | 178  | 3898     | 0.204 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.380 | 202  | 5435     | 0.224 | ng/ul# | 95       |
| 20) Pyrene                  | 19.738 | 202  | 6075     | 0.250 | ng/ul# | 91       |
| 21) Benzo(a)anthracene      | 21.486 | 228  | 3686     | 0.179 | ng/ul  | 93       |
| 22) Chrysene                | 21.539 | 228  | 4281     | 0.195 | ng/ul# | 95       |
| 24) Benzo(b)fluoranthene    | 23.182 | 252  | 4360m    | 0.170 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.231 | 252  | 4136     | 0.159 | ng/ul# | 50       |
| 26) Benzo(a)pyrene          | 23.813 | 252  | 4673     | 0.216 | ng/ul# | 18       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.441 | 276  | 6008     | 0.199 | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 26.468 | 278  | 4437     | 0.180 | ng/ul# | 34       |
| 29) Benzo(g,h,i)perylene    | 27.209 | 276  | 5898     | 0.223 | ng/ul# | 78       |
| -----                       |        |      |          |       |        |          |

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

