

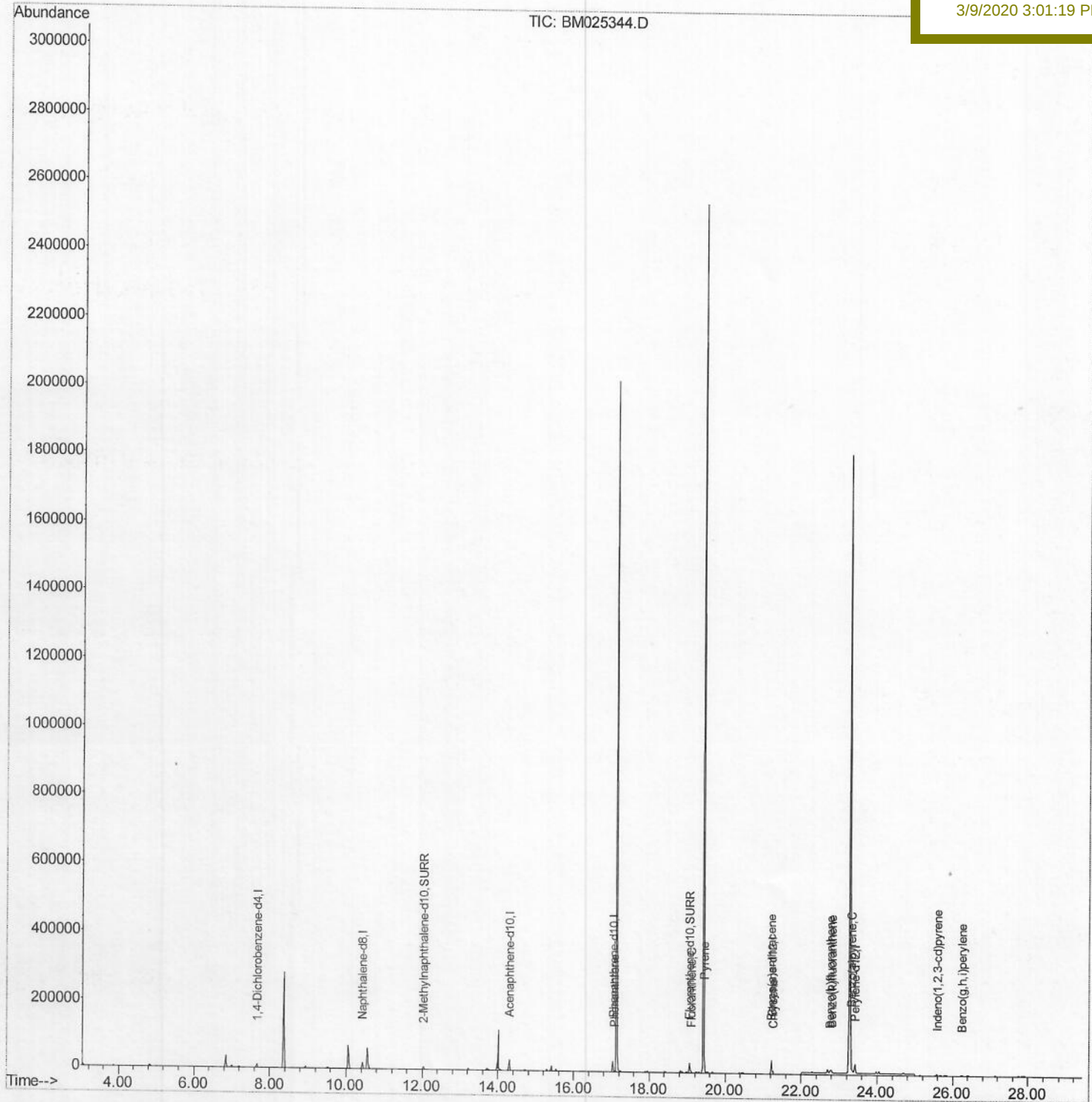
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\  
Data File : BM025344.D  
Acq On : 07 Mar 2020 11:40  
Operator : CG/JU  
Sample : L1616-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 07 20:25:33 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 07 19:35:17 2020  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DBDP8

Manual Integrations  
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Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\

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Acq On : 07 Mar 2020 11:40

Operator : CG/JU

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ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 07 20:23:38 2020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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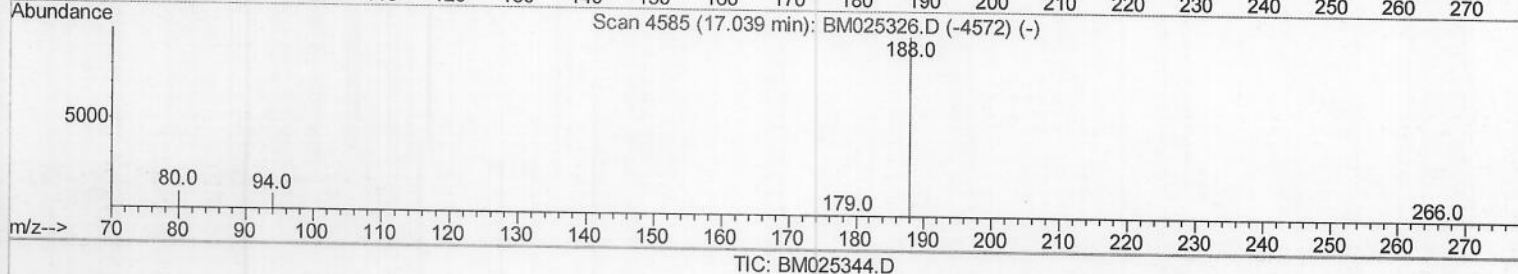
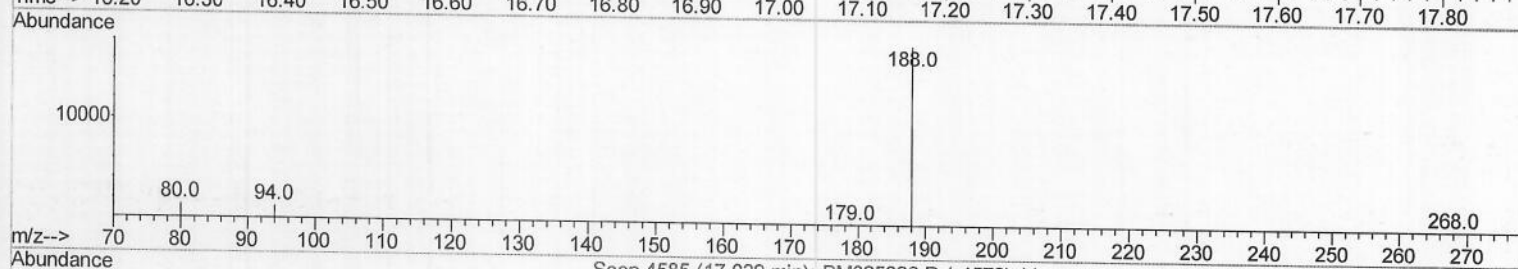
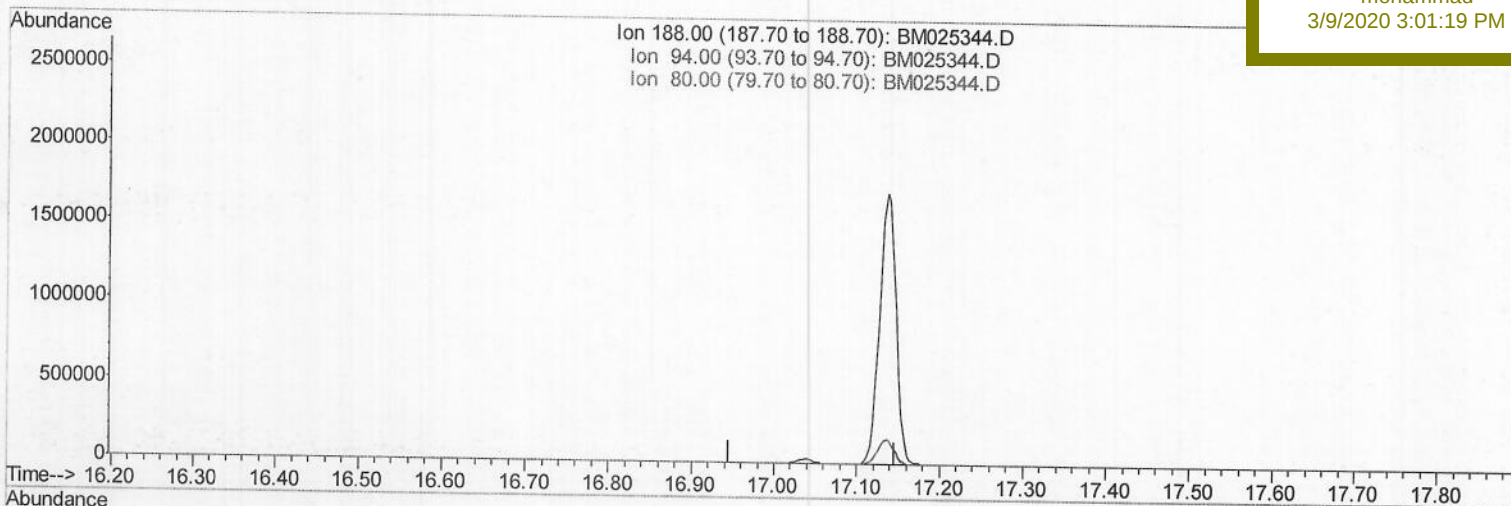
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Manual Integrations  
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(10) Phenanthrene-d10 (I)

17.046min (-17.046) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 26.60 | 0.00# |
| 80.00  | 22.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

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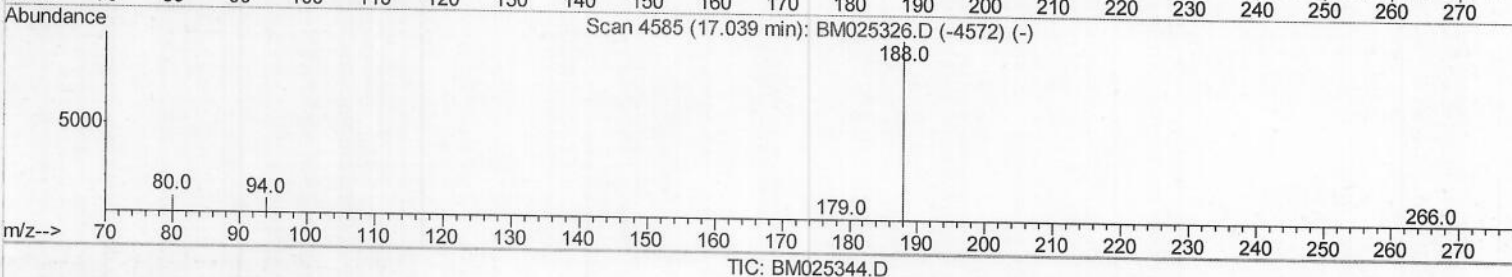
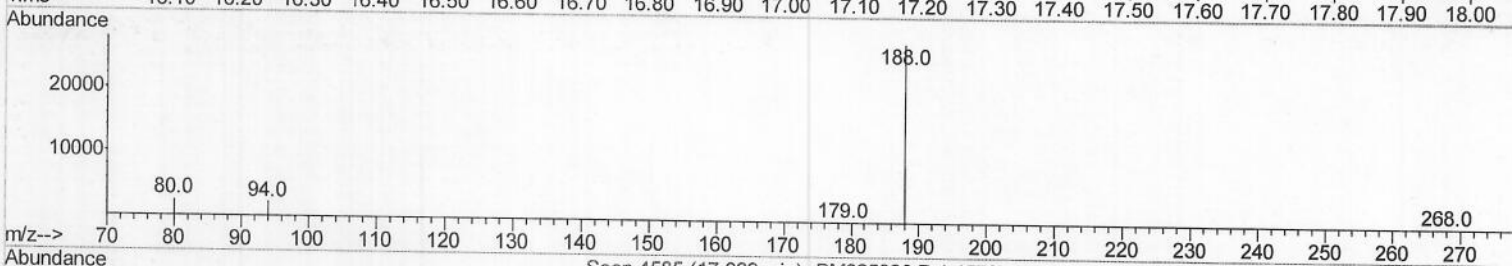
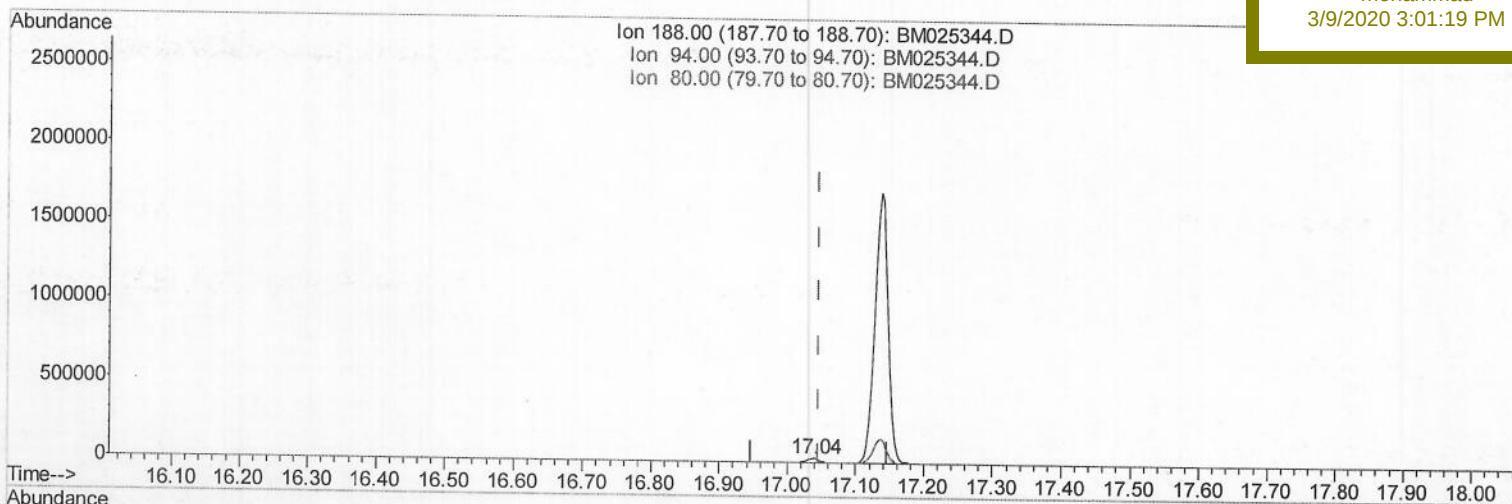
Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

DBDP8

Manual Integrations  
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TIC: BM025344.D

(10) Phenanthrene-d10 (I)

17.039min (-0.007) 0.40ng/ul m&gt; JU 03/11/20

response 37543

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 26.60 | 8.12# |
| 80.00  | 22.60 | 9.33# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\

Data File : BM025344.D

Acq On : 07 Mar 2020 11:40

Operator : CG/JU

Sample : L1616-04

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 07 20:24:16 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 07 19:35:17 2020

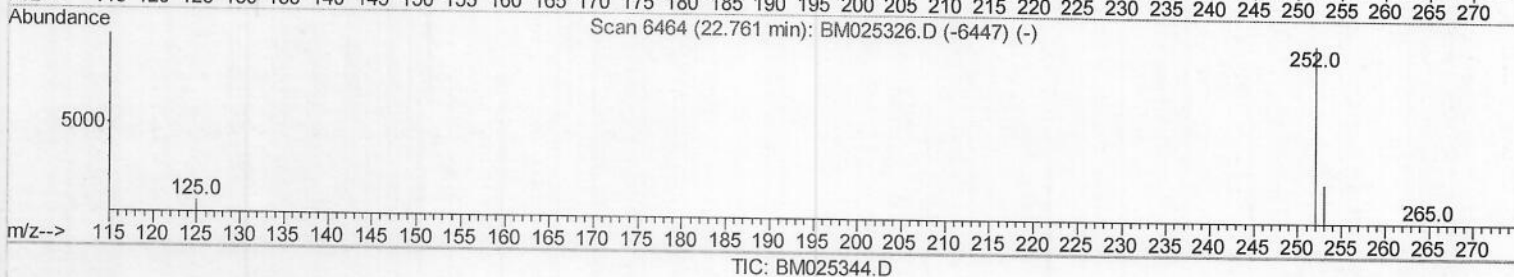
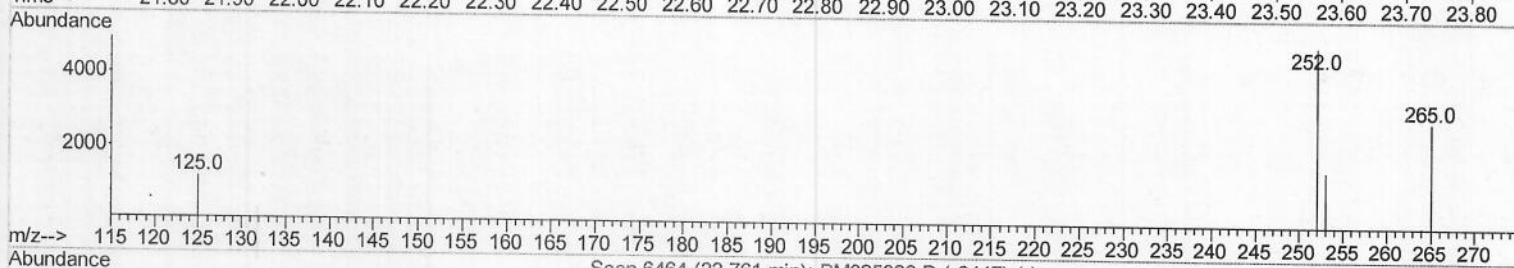
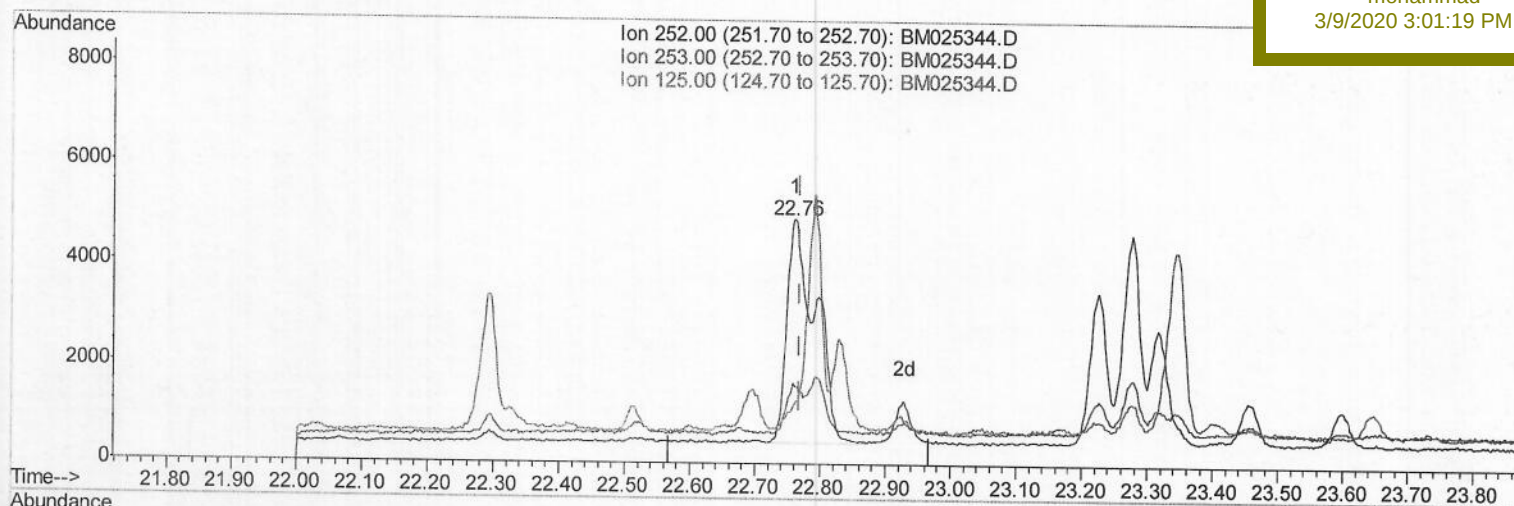
Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

DBDP8

Manual Integrations  
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(21) Benzo(b)fluoranthene

22.761min (-0.007) 0.11ng/ul

response 13825

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.90 | 31.91 |
| 125.00 | 14.30 | 24.64 |
| 0.00   | 0.00  | 0.00  |

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Data File : BM025344.D

Acq On : 07 Mar 2020 11:40

Operator : CG/JU

Sample : L1616-04

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 07 20:24:16 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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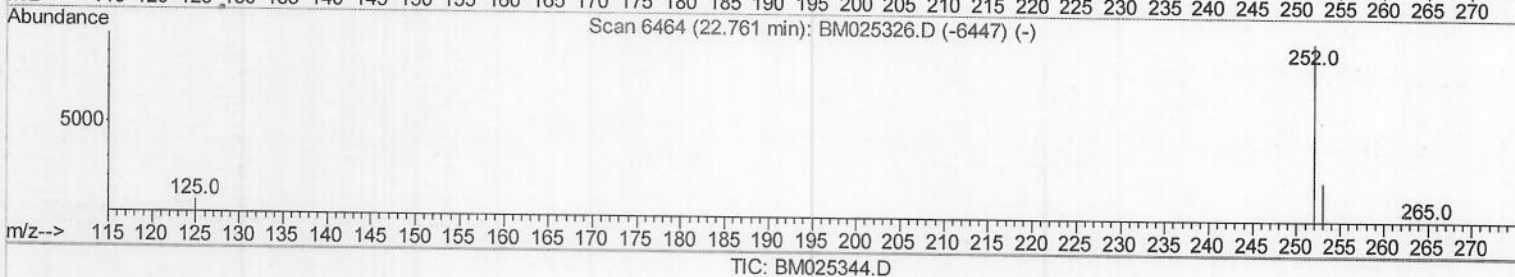
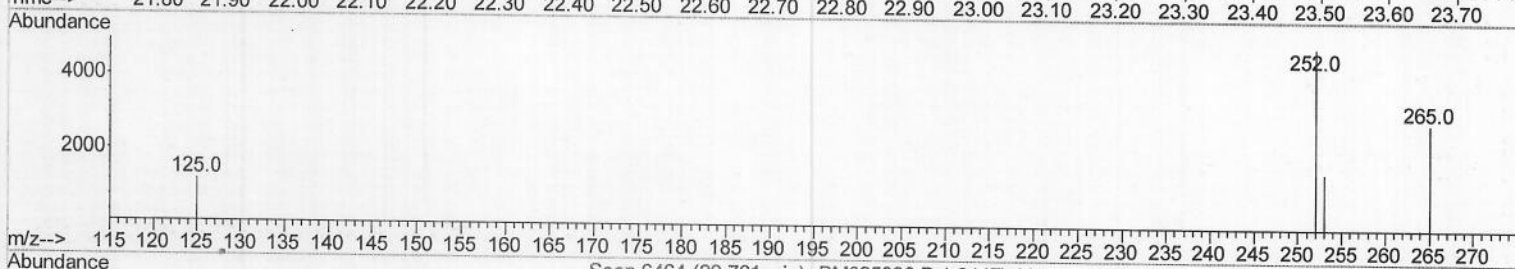
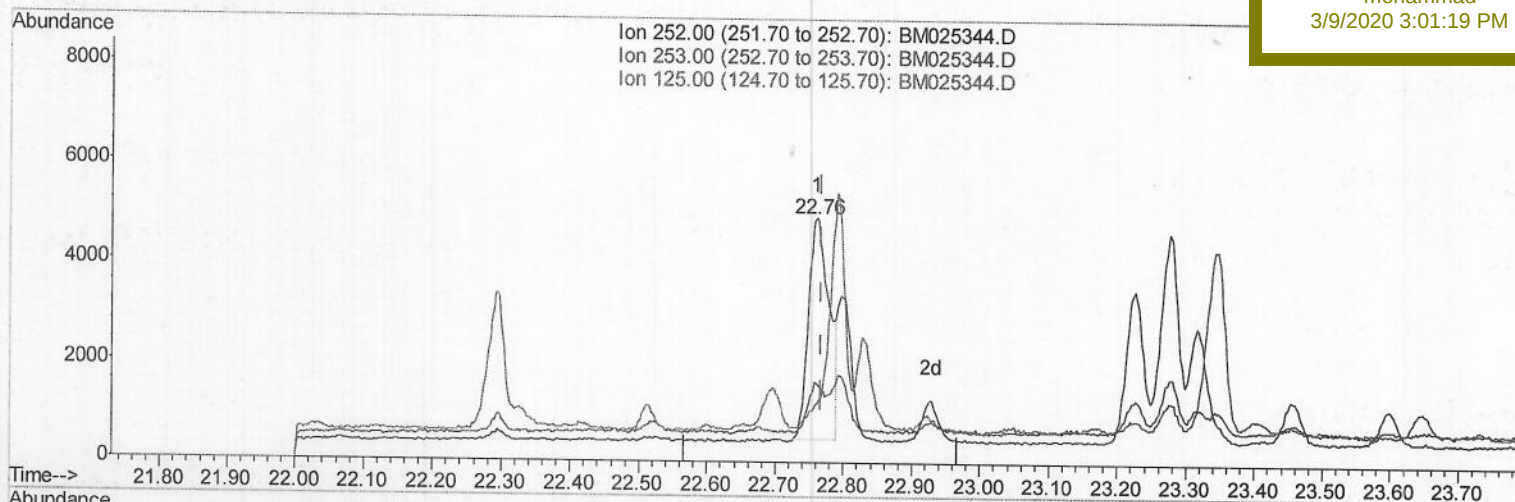
Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

DBDP8

Manual Integrations  
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(21) Benzo(b)fluoranthene

22.761min (-0.007) 0.07ng/ul m s JV 03/11/20

response 9187

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.90 | 31.91 |
| 125.00 | 14.30 | 24.64 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\  
Data File : BM025344.D  
Acq On : 07 Mar 2020 11:40  
Operator : CG/JU  
Sample : L1616-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

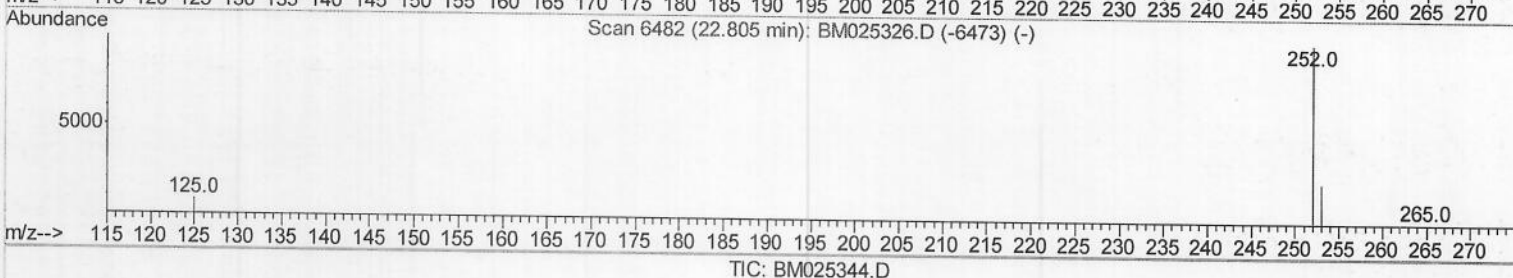
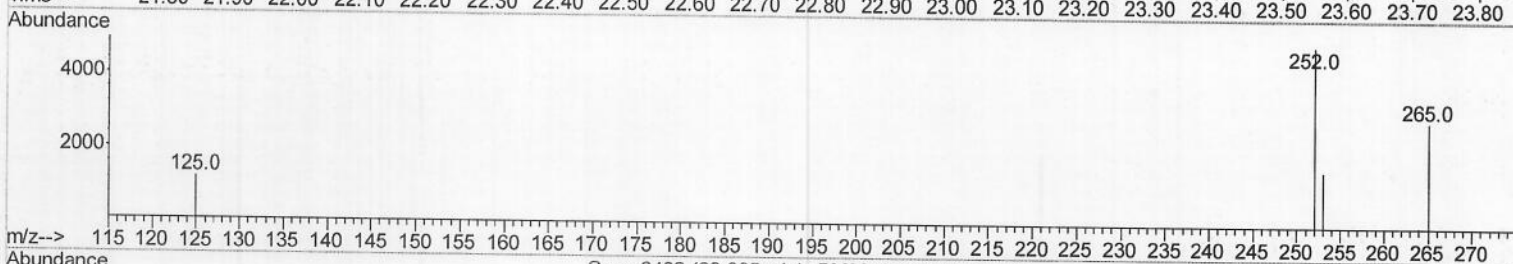
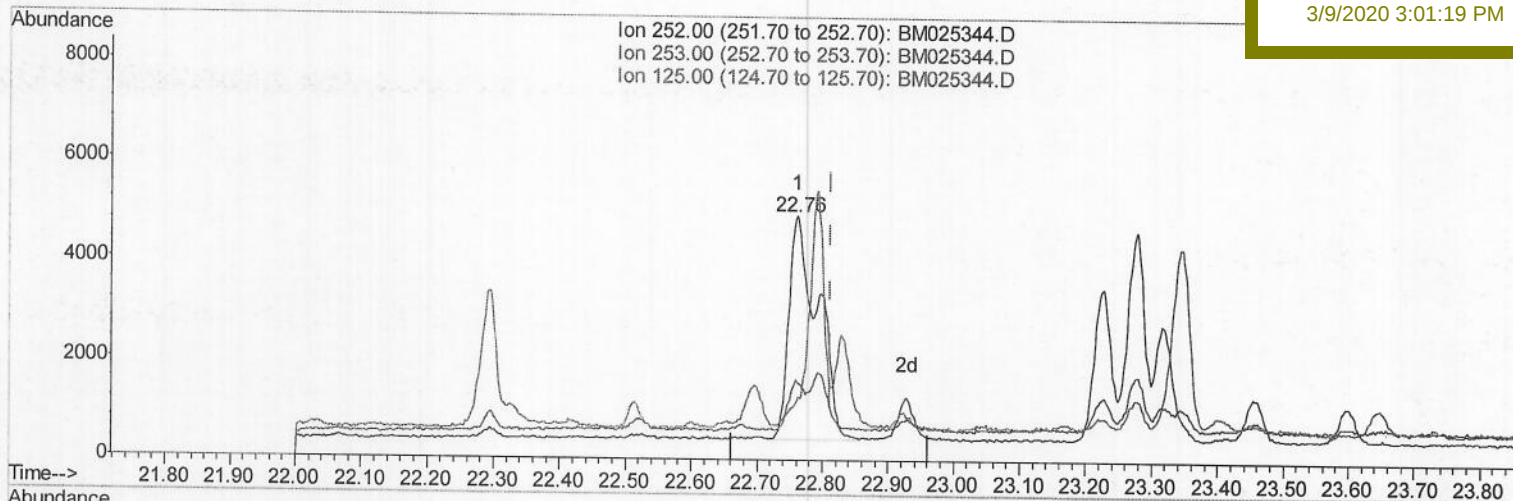
Quant Time: Mar 07 20:24:16 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 07 19:35:17 2020  
Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

DBDP8

Manual Integrations  
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(22) Benzo(k)fluoranthene

22.761min (-0.051) 0.10ng/ul

response 13796

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.20 | 31.91# |
| 125.00 | 13.40 | 24.64# |
| 0.00   | 0.00  | 0.00   |

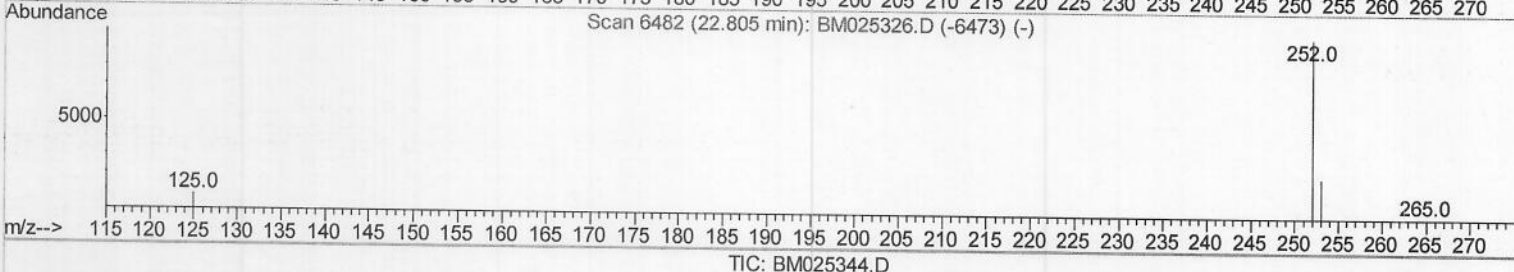
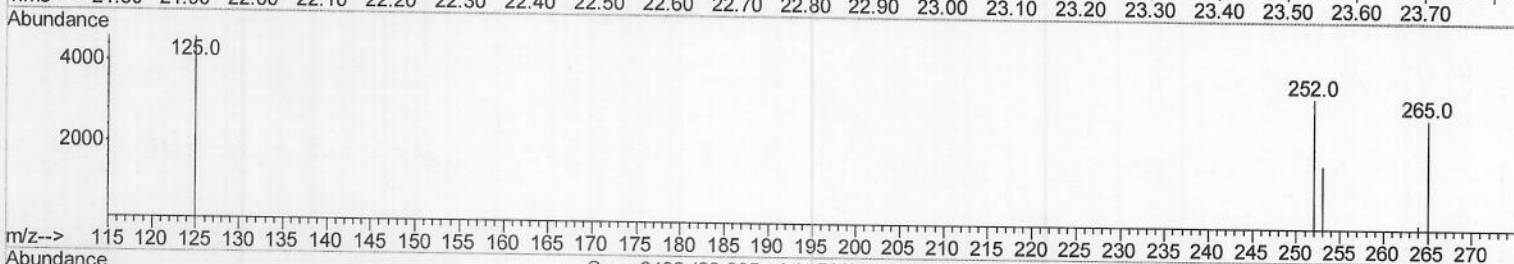
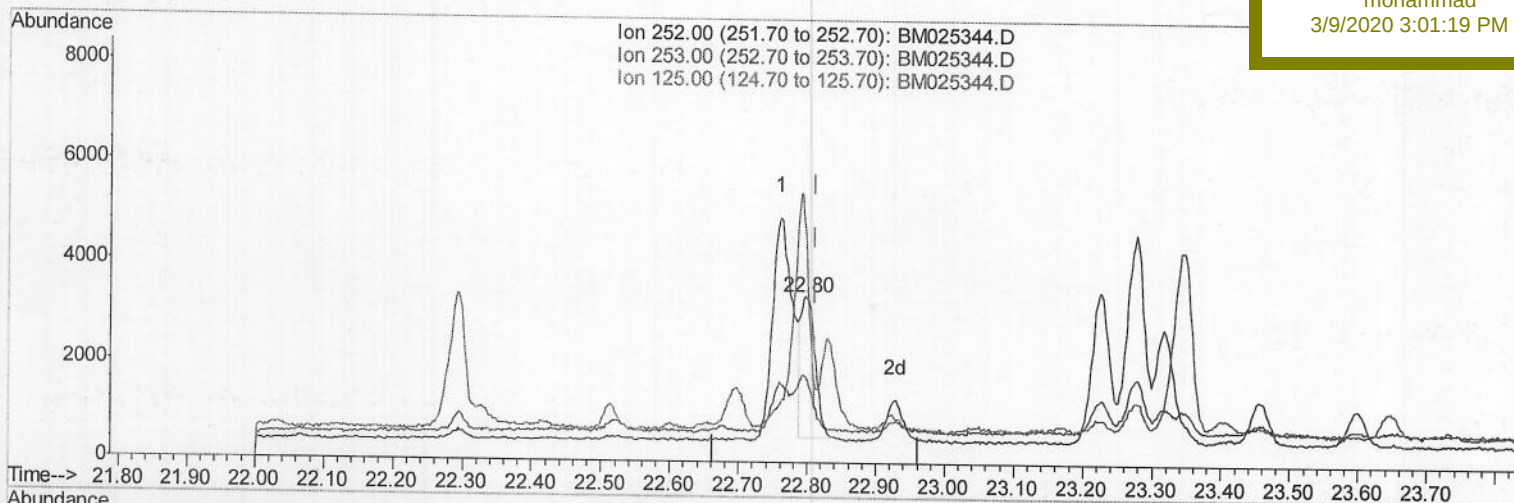
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\  
Data File : BM025344.D  
Acq On : 07 Mar 2020 11:40  
Operator : CG/JU  
Sample : L1616-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 07 20:24:16 2020  
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ClientSampleId :  
DBDP8

Manual Integrations  
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(22) Benzo(k)fluoranthene

22.798min (-0.015) 0.03ng/ul m > Ju 03/11/20

response 4079

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 24.20 | 51.10#  |
| 125.00 | 13.40 | 136.59# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\  
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 Operator : CG/JU  
 Sample : L1616-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 07 20:25:33 2020  
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 QLast Update : Sat Mar 07 19:35:17 2020  
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Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDP8

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 5195     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.43 | 136  | 23000    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.30 | 164  | 16581    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.04 | 188  | 37543m)  | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.22 | 240  | 35418    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.41 | 264  | 31742    | 0.40 | ng/ul | 0.00     |

|                             |       |     |       |      |       |      |
|-----------------------------|-------|-----|-------|------|-------|------|
| System Monitoring Compounds |       |     |       |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152 | 10933 | 0.25 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.07 | 212 | 32579 | 0.27 | ng/ul | 0.00 |

|                            |       |     |        |        |        |     |
|----------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds           |       |     |        | Ovalue |        |     |
| 12) Phenanthrene           | 17.08 | 178 | 3153   | 0.026  | ng/ul  | 97  |
| 15) Fluoranthene           | 19.09 | 202 | 4939   | 0.033  | ng/ul  | 96  |
| 17) Pyrene                 | 19.46 | 202 | 4989   | 0.037  | ng/ul# | 93  |
| 18) Benzo(a)anthracene     | 21.21 | 228 | 2794   | 0.021  | ng/ul  | 93  |
| 19) Chrysene               | 21.26 | 228 | 6138   | 0.043  | ng/ul  | 100 |
| 21) Benzo(b)fluoranthene   | 22.76 | 252 | 9187m) | 0.072  | ng/ul  |     |
| 22) Benzo(k)fluoranthene   | 22.80 | 252 | 4079m) | 0.031  | ng/ul  |     |
| 23) Benzo(a)pyrene         | 23.32 | 252 | 4156   | 0.039  | ng/ul# | 59  |
| 24) Indeno(1,2,3-cd)pyrene | 25.58 | 276 | 4783   | 0.036  | ng/ul# | 100 |
| 26) Benzo(g,h,i)perylene   | 26.25 | 276 | 3320   | 0.029  | ng/ul# | 89  |

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