

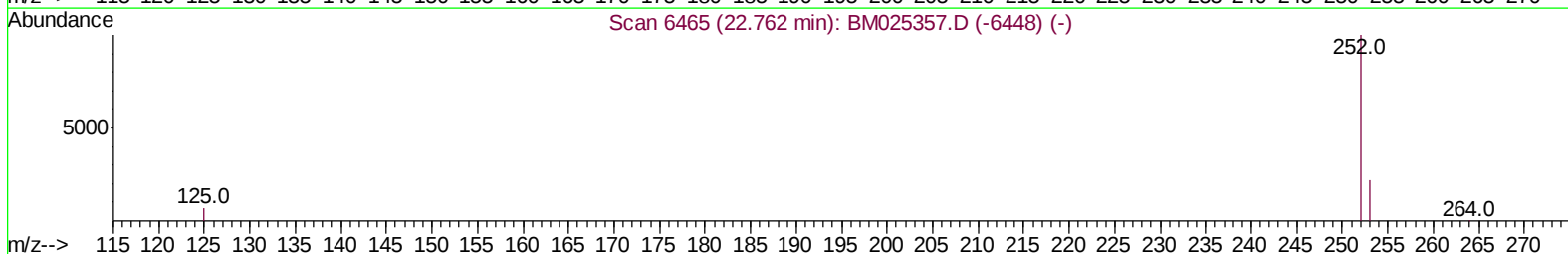
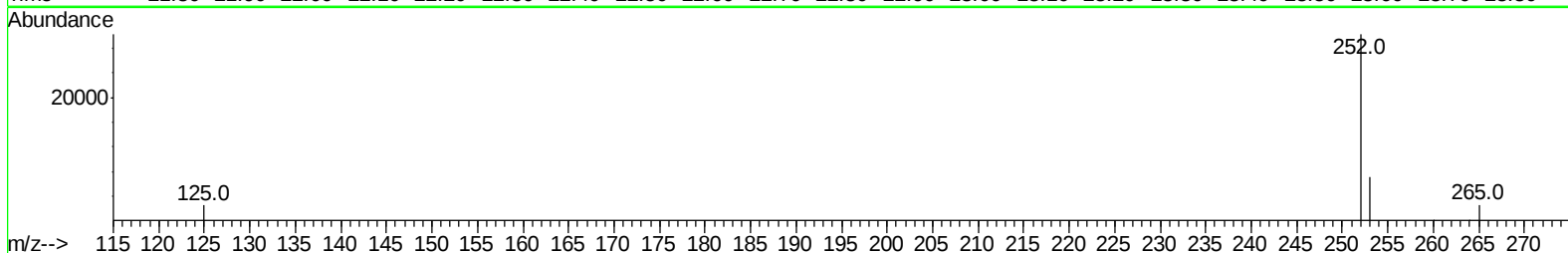
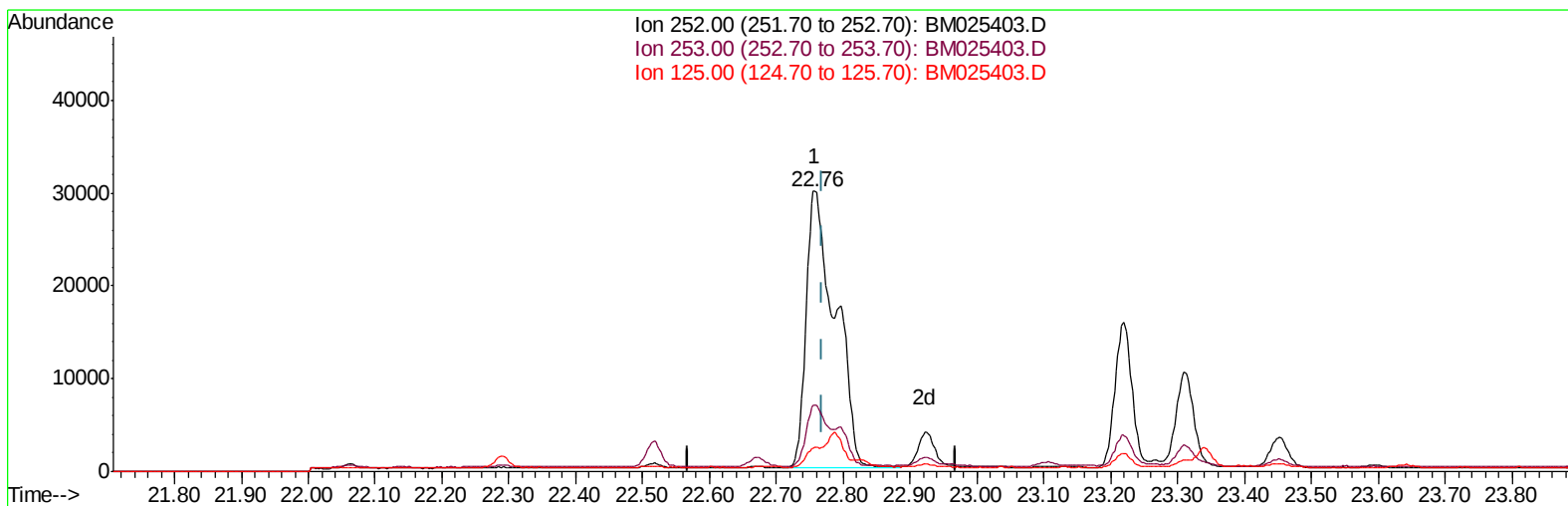
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\  
Data File : BM025403.D  
Acq On : 09 Mar 2020 02:19  
Operator : CG/JU  
Sample : L1617-18  
Misc :  
ALS Vial : 89 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBDT2

Manual Integrations  
APPROVED

mohammad  
3/9/2020 3:04:10 PM

Quant Time: Mar 09 03:51:56 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 : Wed Mar 04 08:02:03 2020  
Response via : Initial Calibration



TIC: BM025403.D

(21) Benzo(b)fluoranthene  
22.757min (-0.011) 1.07ng/ul  
response 90135

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.90 | 23.73 |
| 125.00 | 14.30 | 8.46  |
| 0.00   | 0.00  | 0.00  |

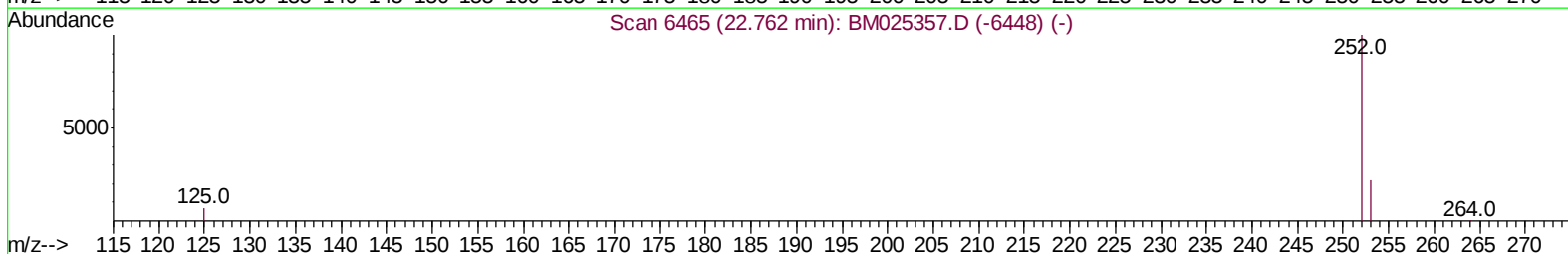
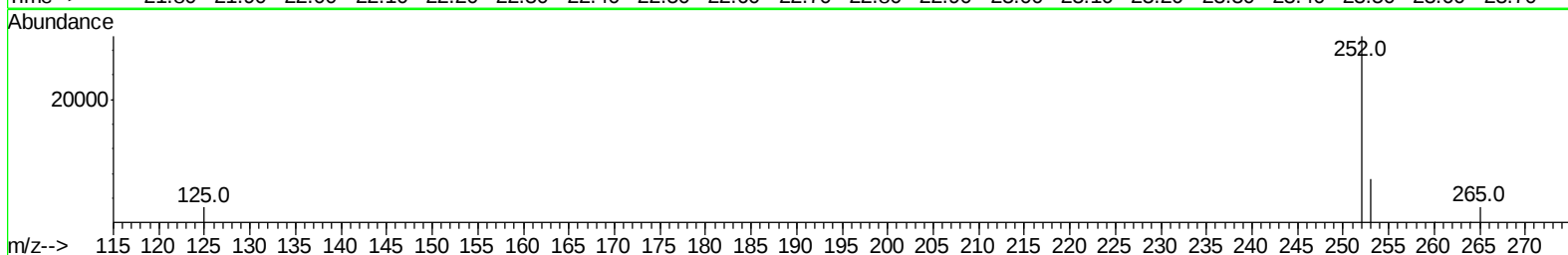
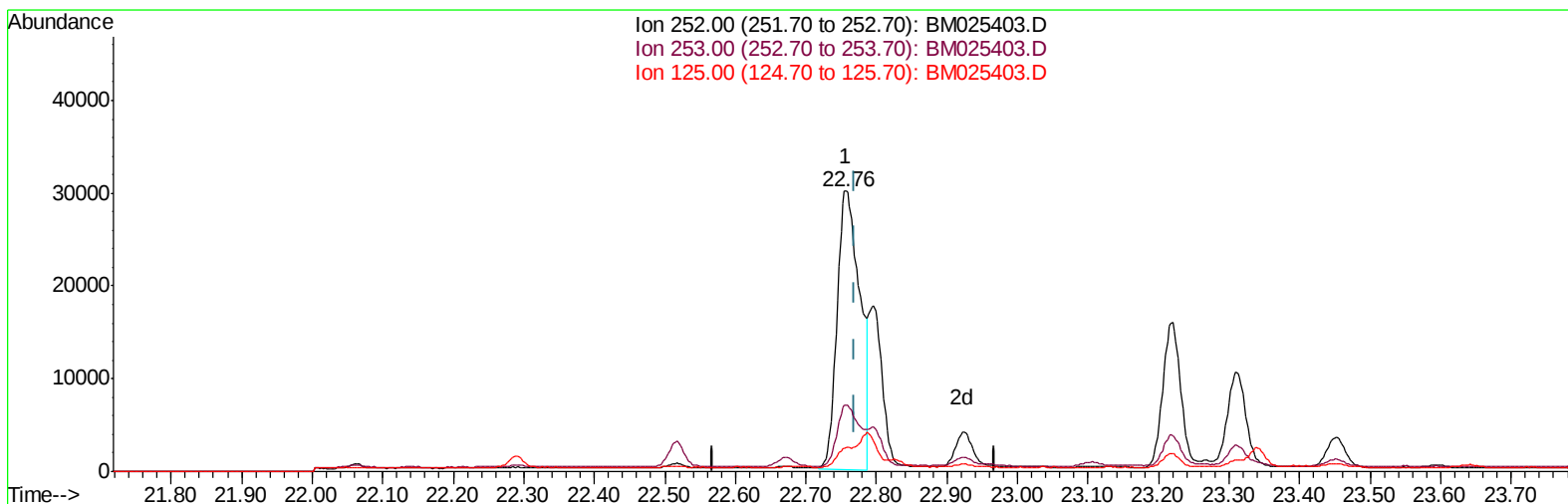
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Response via : Initial Calibration



TIC: BM025403.D

(21) Benzo(b)fluoranthene

22.757min (-0.011) 0.80ng/ul m

response 66938

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.90 | 23.73 |
| 125.00 | 14.30 | 8.46  |
| 0.00   | 0.00  | 0.00  |

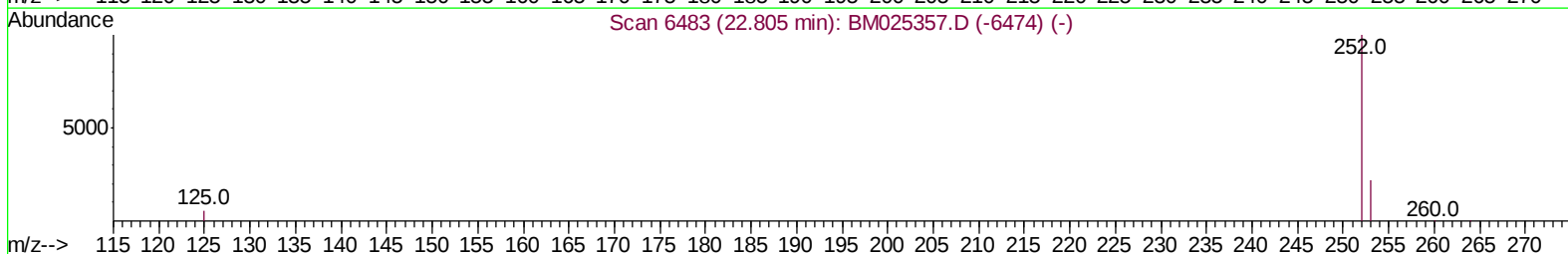
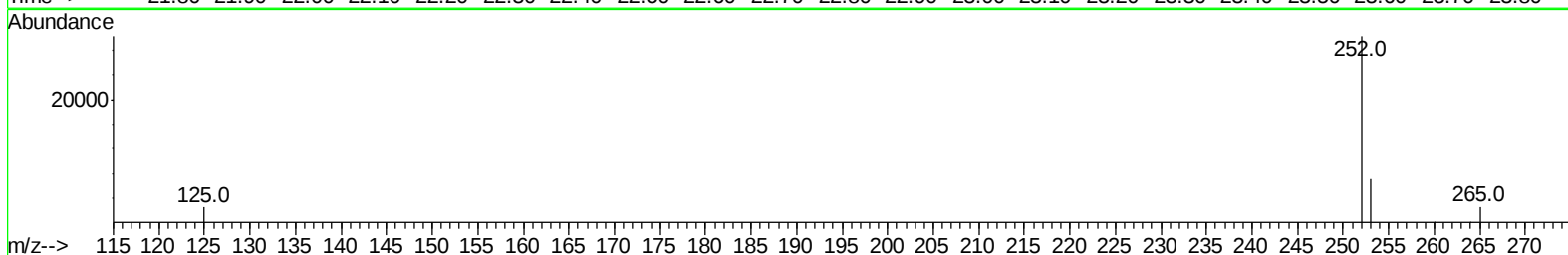
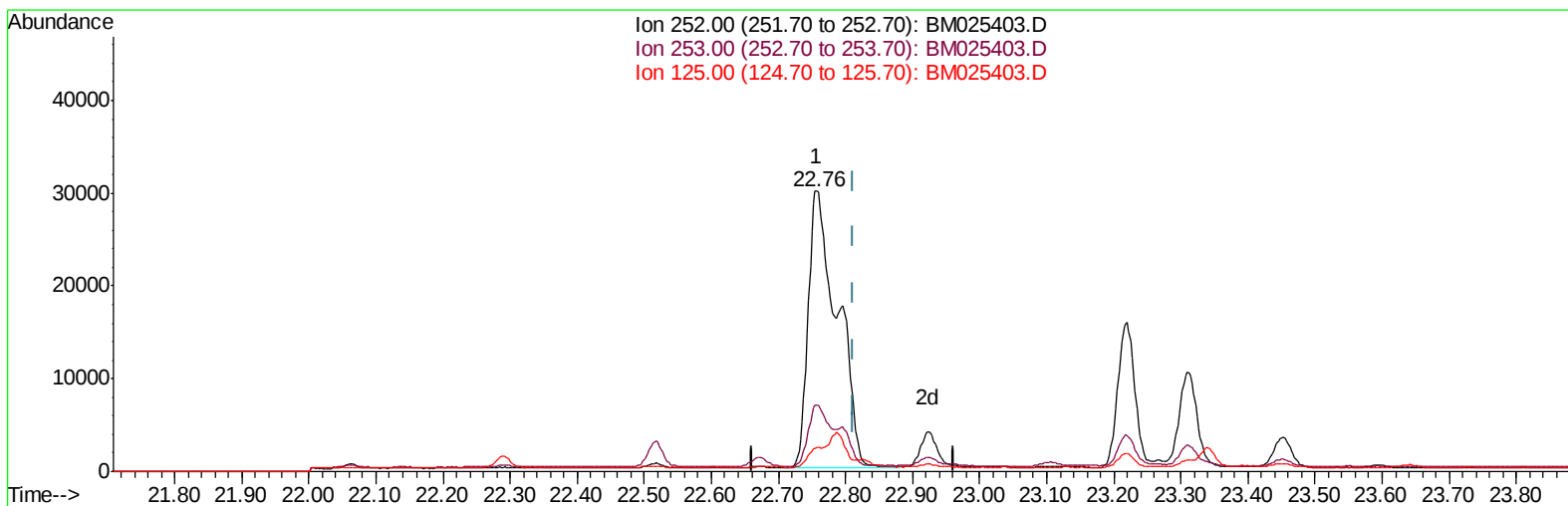
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TIC: BM025403.D

(22) Benzo(k)fluoranthene

22.757min (-0.055) 1.02ng/ul

response 90099

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.20 | 23.73 |
| 125.00 | 13.40 | 8.46# |
| 0.00   | 0.00  | 0.00  |

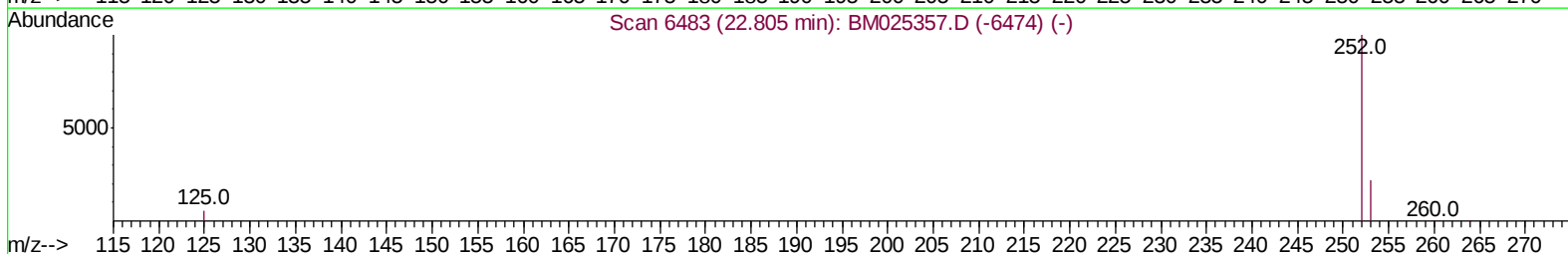
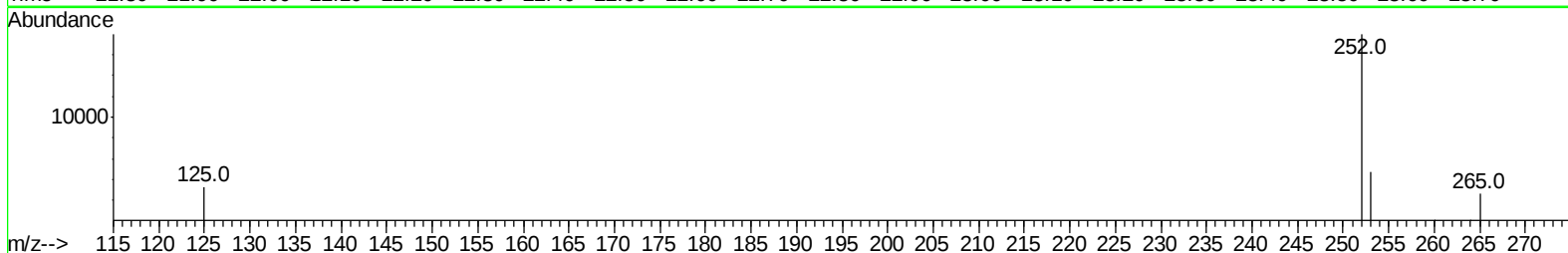
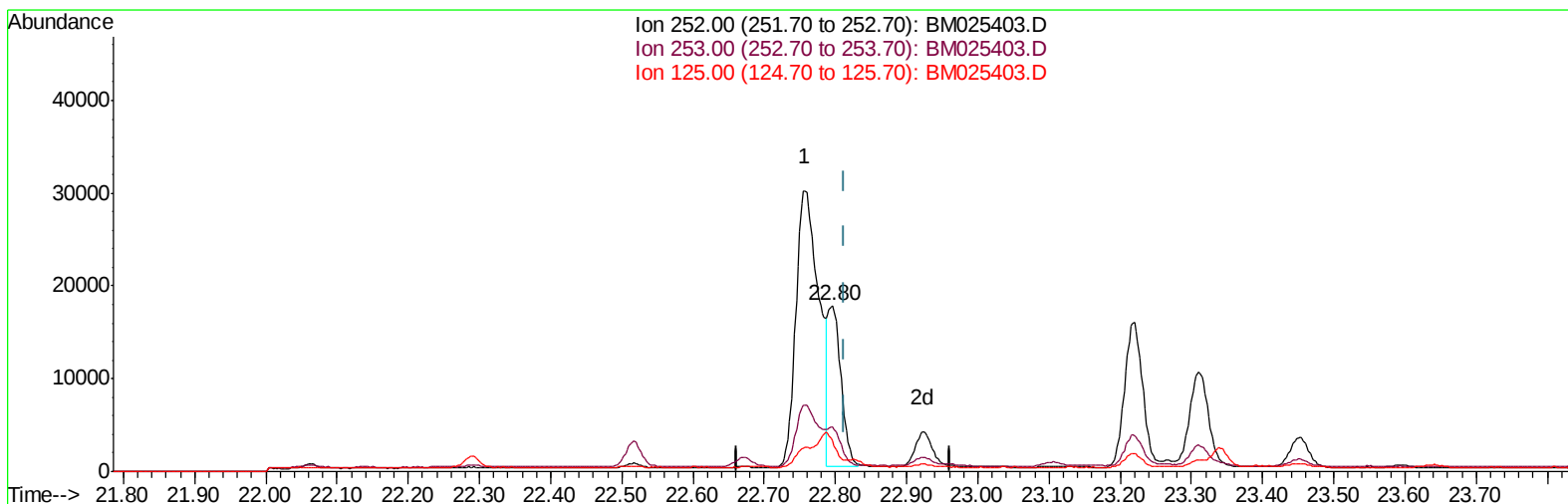
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 Misc :  
 ALS Vial : 89 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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 Response via : Initial Calibration



TIC: BM025403.D

(22) Benzo(k)fluoranthene

22.796min (-0.016) 0.26ng/ul m

response 23206

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.20 | 26.52  |
| 125.00 | 13.40 | 18.23# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\  
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 Acq On : 09 Mar 2020 02:19  
 Operator : CG/JU  
 Sample : L1617-18  
 Misc :  
 ALS Vial : 89 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDT2

Manual Integrations  
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Quant Time: Mar 09 03:53:01 2020  
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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 3478     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.43 | 136  | 15627    | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.29 | 164  | 11380    | 0.40   | ng/ul  | -0.01    |
| 10) Phenanthrene-d10        | 17.03 | 188  | 27257    | 0.40   | ng/ul  | -0.01    |
| 16) Chrysene-d12            | 21.22 | 240  | 23573    | 0.40   | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.41 | 264  | 20981    | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 1900     | 0.06   | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.06 | 212  | 5319     | 0.06   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 7) Acenaphthylene           | 14.01 | 152  | 1970     | 0.037  | ng/ul  | 100      |
| 8) Acenaphthene             | 14.35 | 153  | 3636     | 0.088  | ng/ul  | 98       |
| 9) Fluorene                 | 15.34 | 166  | 9689     | 0.187  | ng/ul  | 97       |
| 12) Phenanthrene            | 17.08 | 178  | 92054    | 1.047  | ng/ul  | 95       |
| 13) Anthracene              | 17.17 | 178  | 21891    | 0.281  | ng/ul  | 97       |
| 15) Fluoranthene            | 19.09 | 202  | 83089    | 0.755  | ng/ul  | 96       |
| 17) Pyrene                  | 19.45 | 202  | 67632    | 0.756  | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.21 | 228  | 22714    | 0.262  | ng/ul  | 99       |
| 19) Chrysene                | 21.26 | 228  | 30672    | 0.322  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.76 | 252  | 66938m   | 0.797  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.80 | 252  | 23206m   | 0.264  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.31 | 252  | 18934    | 0.269  | ng/ul# | 94       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.58 | 276  | 19784    | 0.225  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 25.58 | 278  | 5138     | 0.071  | ng/ul# | 88       |
| 26) Benzo(g,h,i)perylene    | 26.24 | 276  | 10503    | 0.141  | ng/ul# | 94       |

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

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