

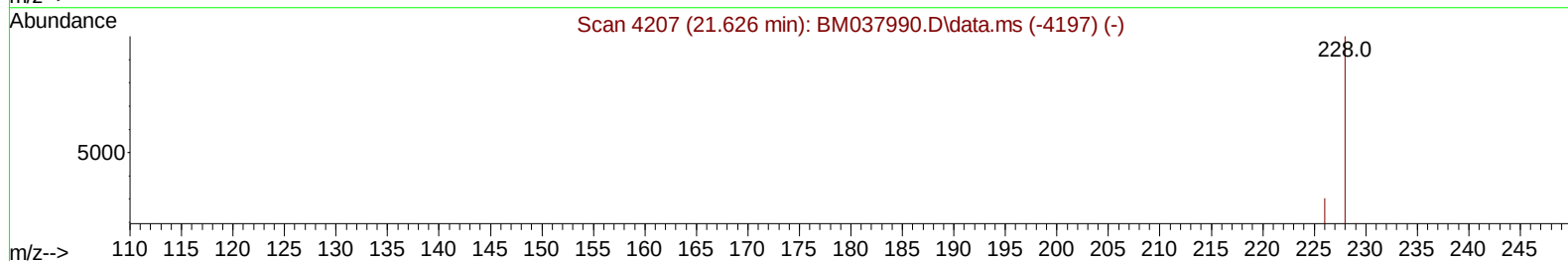
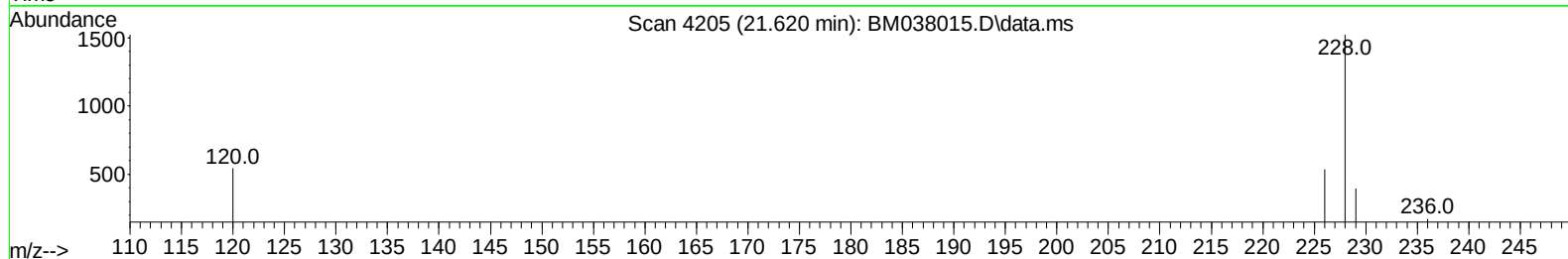
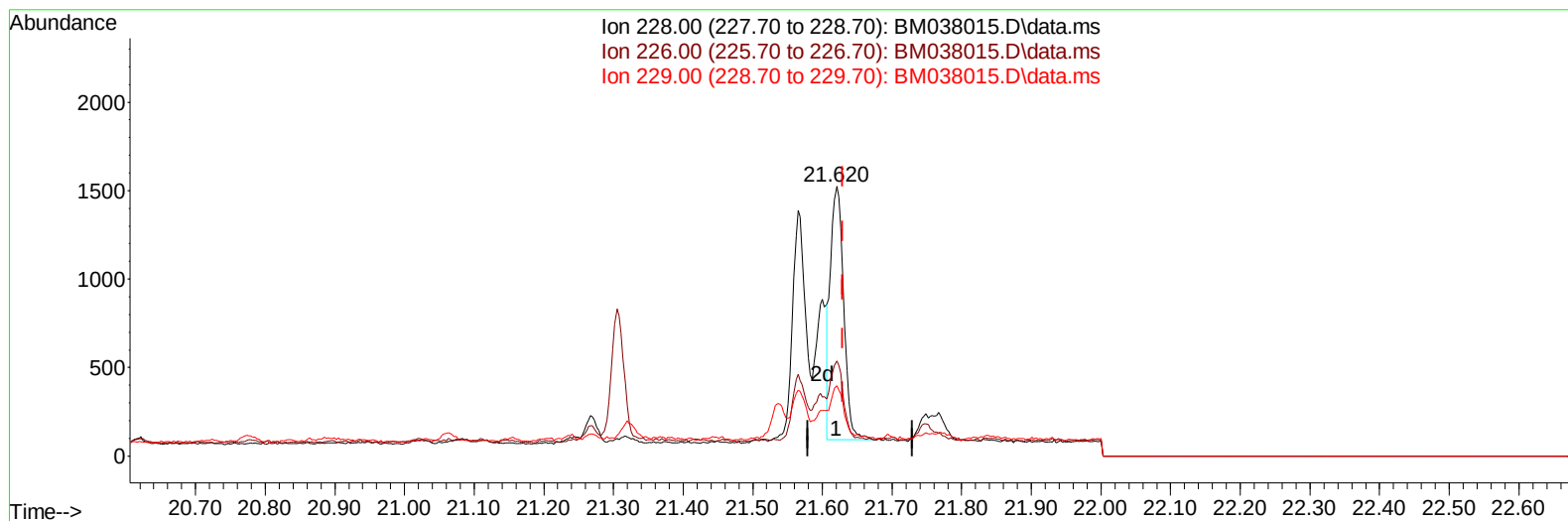
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121422\  
 Data File : BM038015.D  
 Acq On : 15 Dec 2022 01:55  
 Operator : CG/JU  
 Sample : N5983-14  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COLE8

Manual IntegrationsAPPROVED

Quant Time: Dec 15 02:33:09 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 14 01:30:33 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/15/2022  
 Supervised By :mohammad ahmed 12/16/2022



TIC: BM038015.D\data.ms

(22) Chrysene

21.620min (-0.009) 0.03 ng/u1

response 1918

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.60  | 35.26  |
| 229.00 | 19.80  | 26.00# |
| 0.00   | 0.00   | 0.00   |

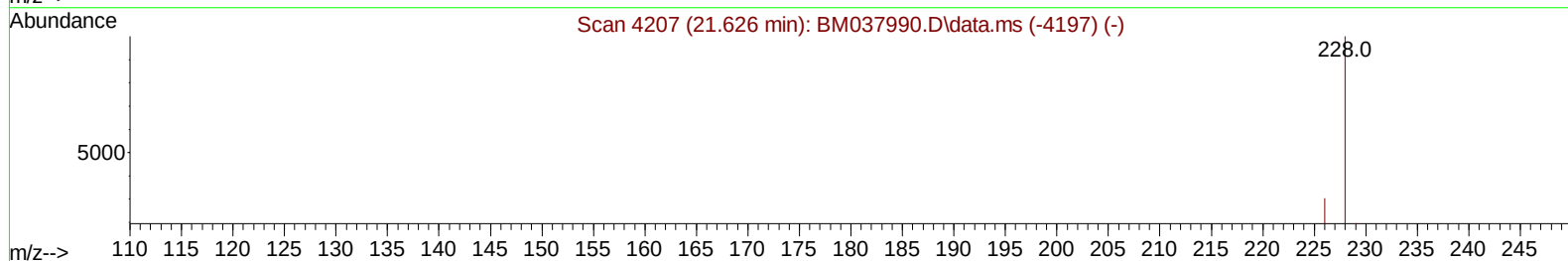
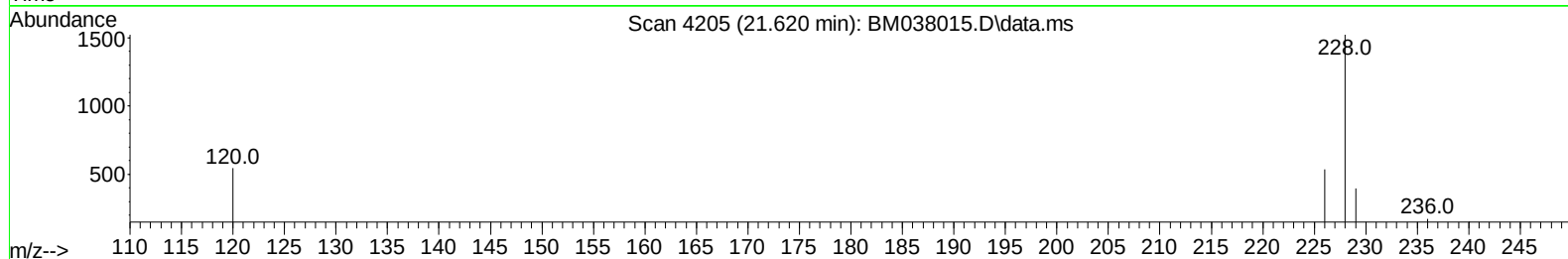
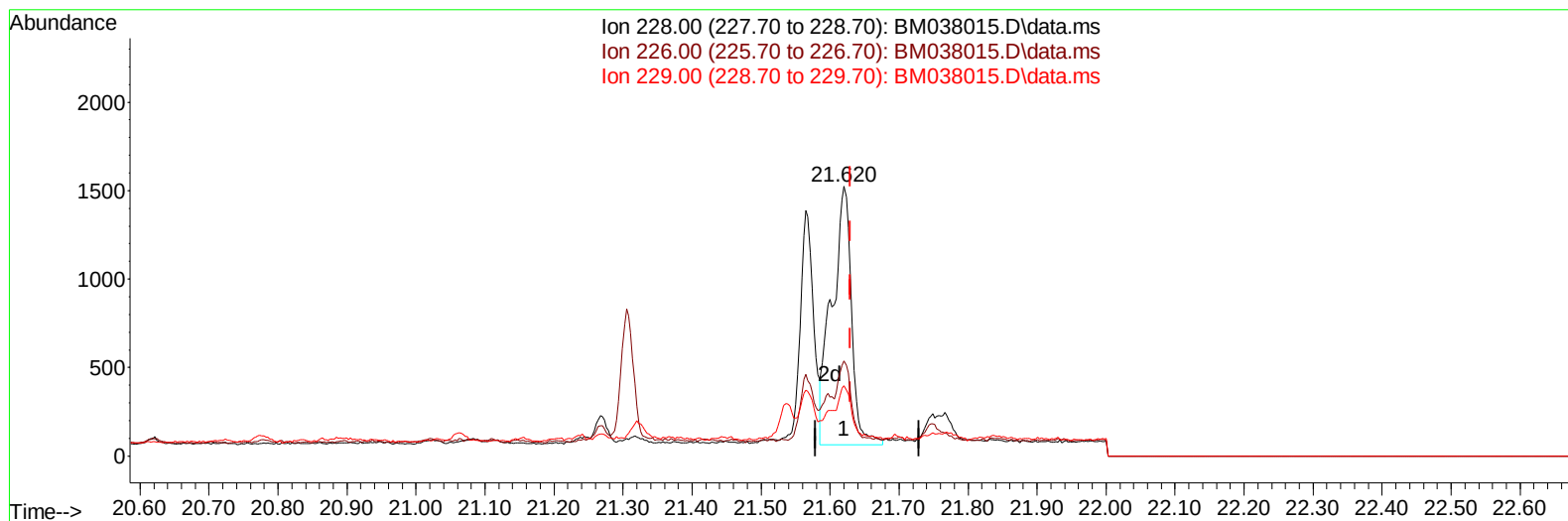
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TIC: BM038015.D\data.ms

(22) Chrysene

21.620min (-0.009) 0.04 ng/ul m

response 2893

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.60  | 35.26  |
| 229.00 | 19.80  | 26.00# |
| 0.00   | 0.00   | 0.00   |

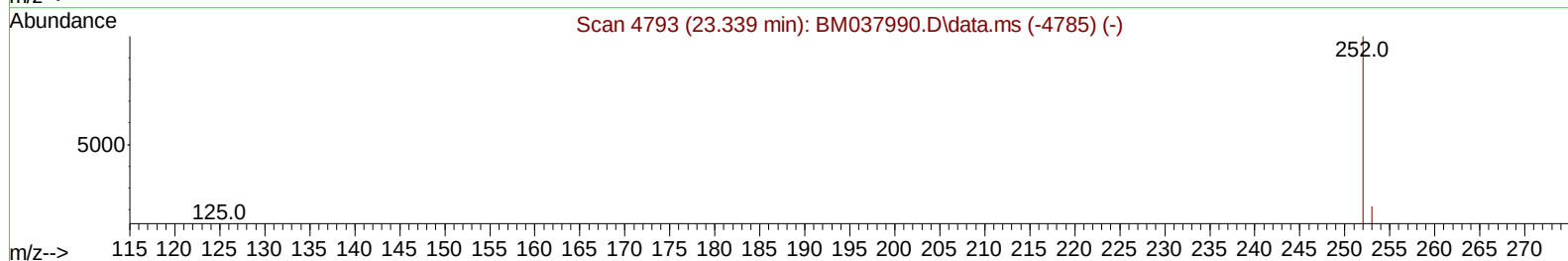
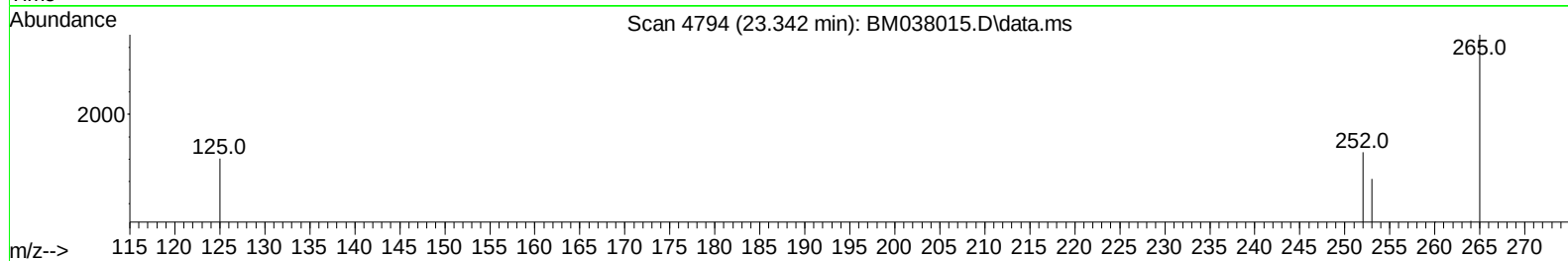
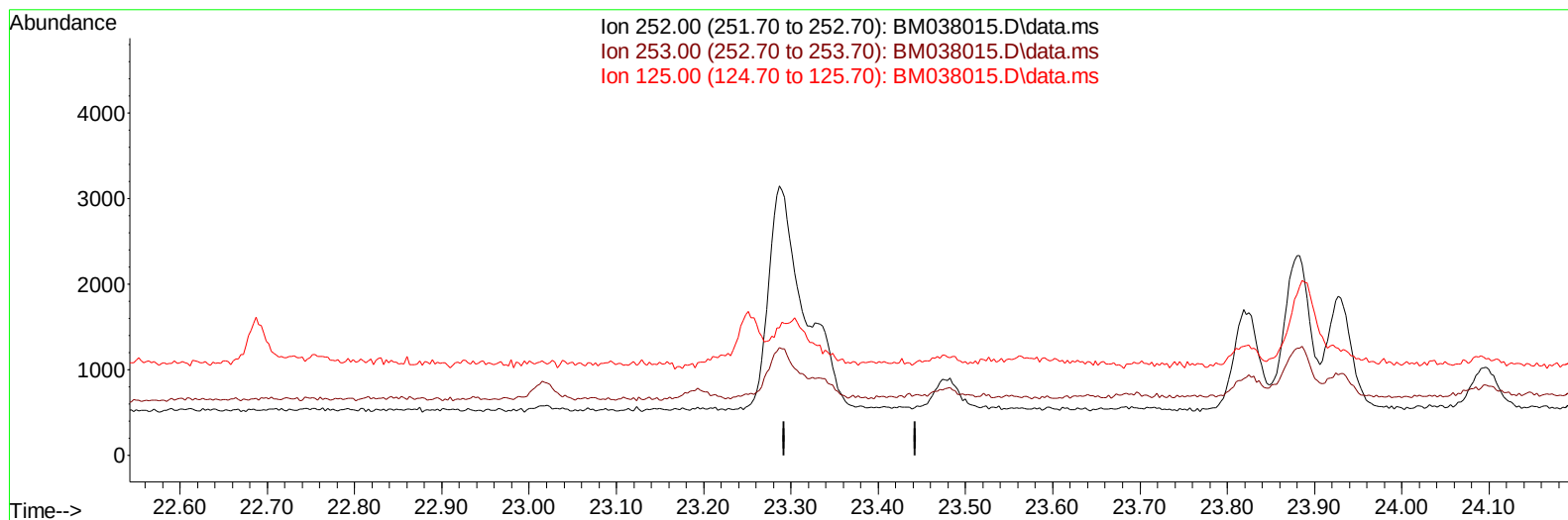
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Sample : N5983-14  
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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
COLE8

Manual IntegrationsAPPROVED

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TIC: BM038015.D\data.ms

(25) Benzo(k)fluoranthene

23.342min (-23.342) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 24.20  | 0.00# |
| 125.00 | 20.90  | 0.00# |
| 0.00   | 0.00   | 0.00  |

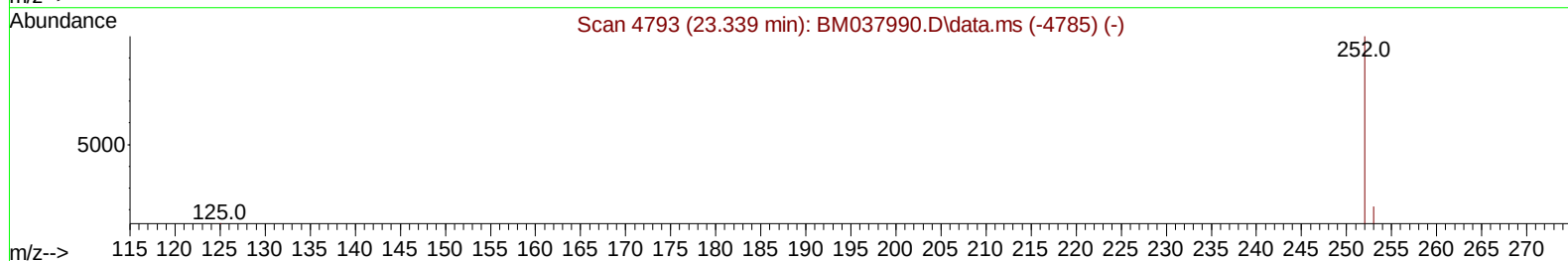
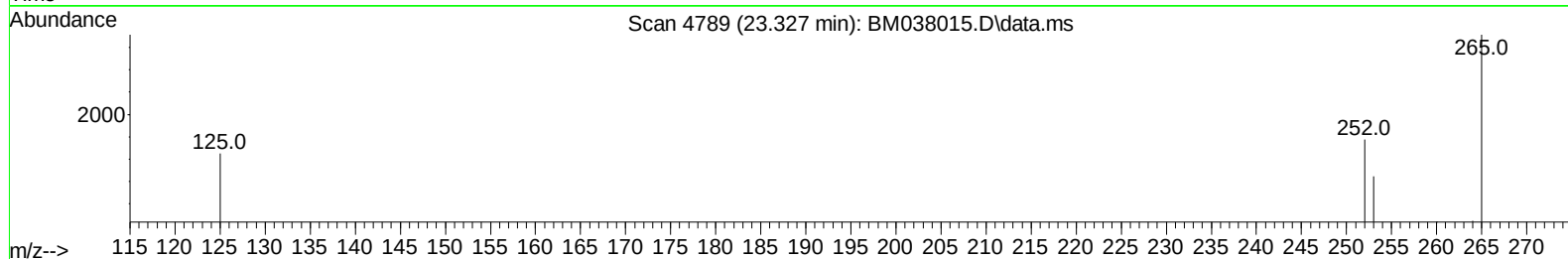
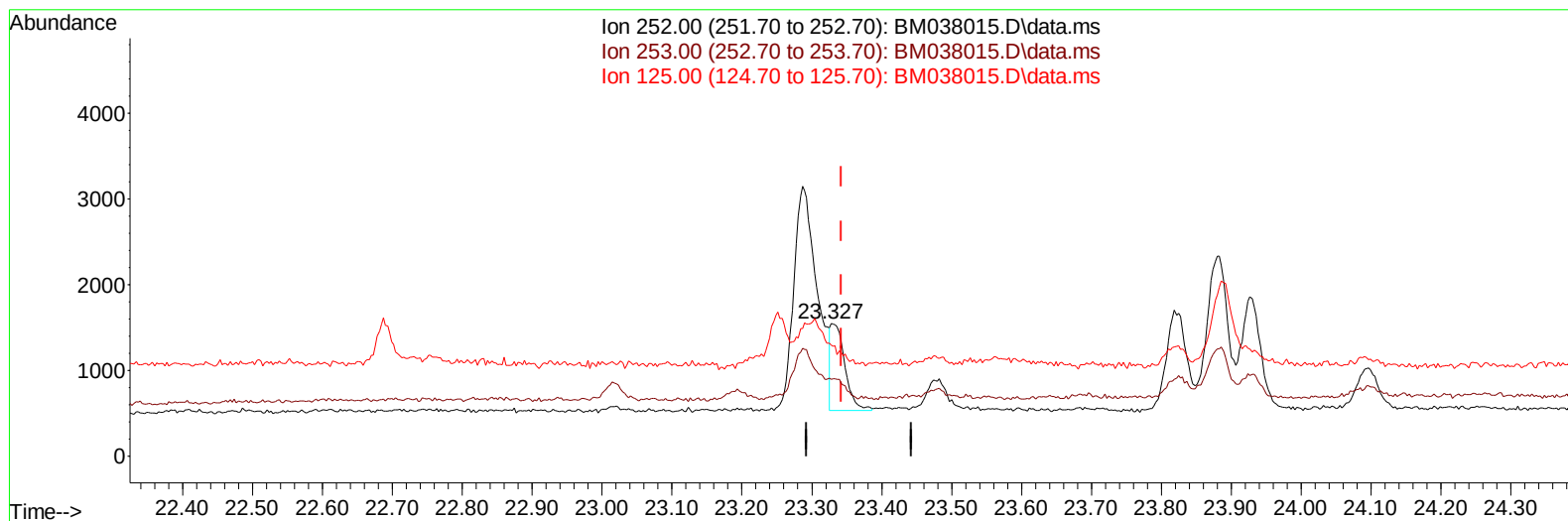
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TIC: BM038015.D\data.ms

(25) Benzo(k)fluoranthene

23.327min (-0.015) 0.02 ng/ul m

response 1435

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.20  | 57.78# |
| 125.00 | 20.90  | 83.73# |
| 0.00   | 0.00   | 0.00   |

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 Sample : N5983-14  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COLE8

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/16/2022

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.064  | 152 |     | 5391     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.878 | 136 |     | 16203    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.684 | 164 |     | 9199     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.421 | 188 |     | 19673    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.583 | 240 |     | 13837    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.041 | 264 |     | 13435    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.410  | 96  |     | 24563    | 3.231 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.456 | 152 |     | 5689     | 0.248 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.436 | 212 |     | 12829    | 0.272 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 14) Pentachlorophenol       | 17.075 | 266 |     | 588      | 0.070 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.464 | 178 |     | 1575     | 0.023 | ng/ul# | 82       |
| 16) Anthracene              | 17.552 | 178 |     | 3317     | 0.053 | ng/ul# | 91       |
| 19) Fluoranthene            | 19.468 | 202 |     | 4443     | 0.061 | ng/ul# | 93       |
| 20) Pyrene                  | 19.831 | 202 |     | 6435     | 0.087 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.565 | 228 |     | 1721     | 0.027 | ng/ul# | 85       |
| 22) Chrysene                | 21.620 | 228 |     | 2893m    | 0.044 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.287 | 252 |     | 6131     | 0.082 | ng/ul# | 56       |
| 25) Benzo(k)fluoranthene    | 23.327 | 252 |     | 1435m    | 0.021 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.927 | 252 |     | 2487     | 0.041 | ng/ul# | 36       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.602 | 276 |     | 2158     | 0.029 | ng/ul# | 100      |
| 29) Benzo(g,h,i)perylene    | 27.397 | 276 |     | 1767     | 0.029 | ng/ul# | 73       |
| -----                       |        |     |     |          |       |        |          |

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

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