

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\  
Data File : BN012928.D  
Acq On    : 06 Dec 2020   21:30  
Operator  : CG/JU  
Sample    : L4864-20  
Misc      :  
ALS Vial  : 42      Sample Multiplier: 1
```

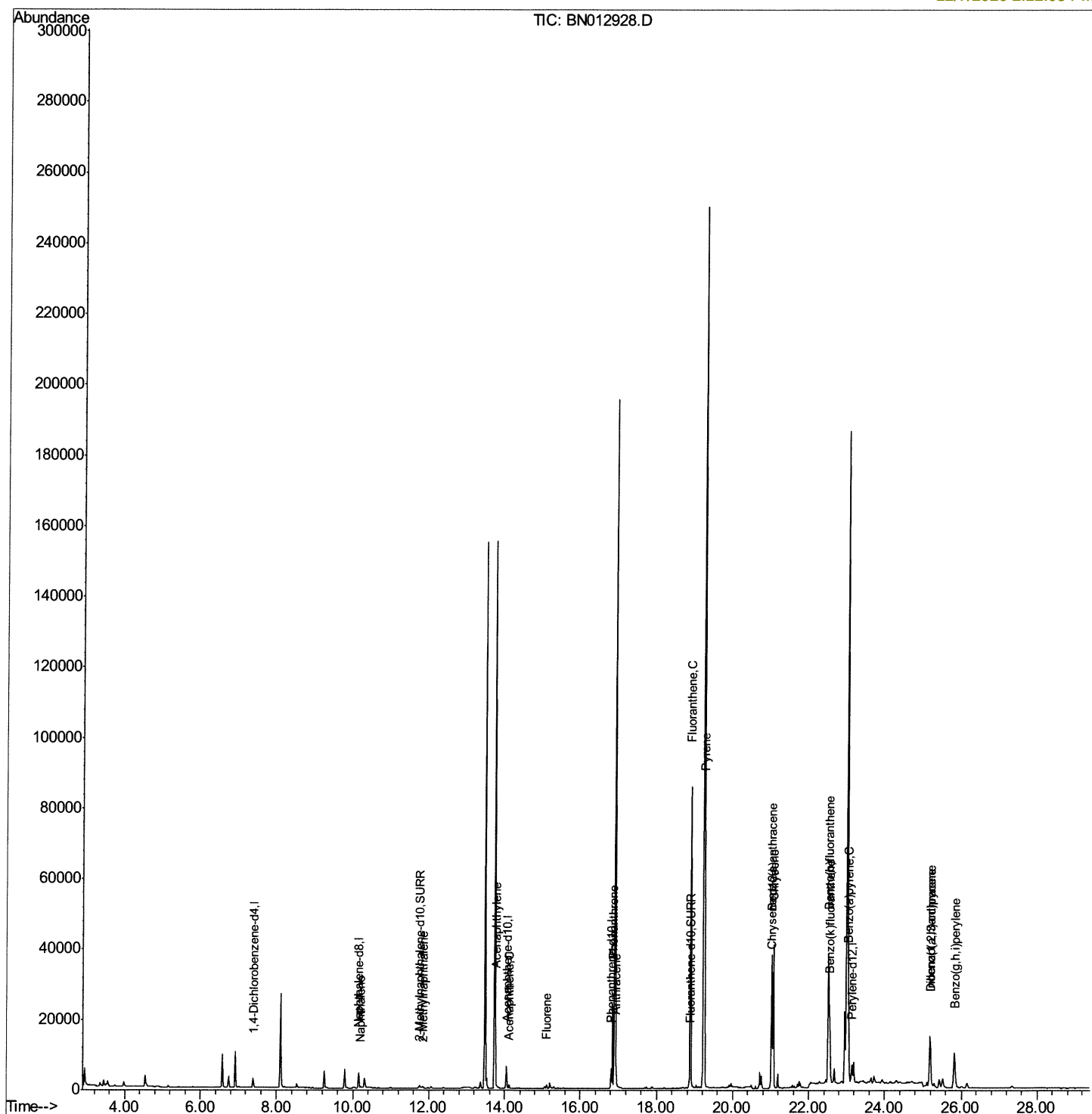
**Instrument :**  
BNA\_N  
**ClientSampleId :**  
C0B63

## Manual Integrations

mohammad

Quant Time: Dec 07 04:05:29 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 07 03:06:53 2020  
Response via : Initial Calibration

12/7/2020 2:12:05 PM



# Quantitation Report (Qedit)

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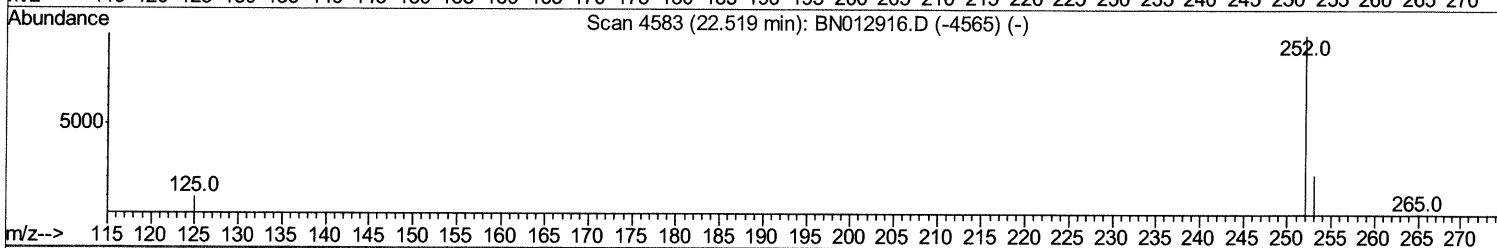
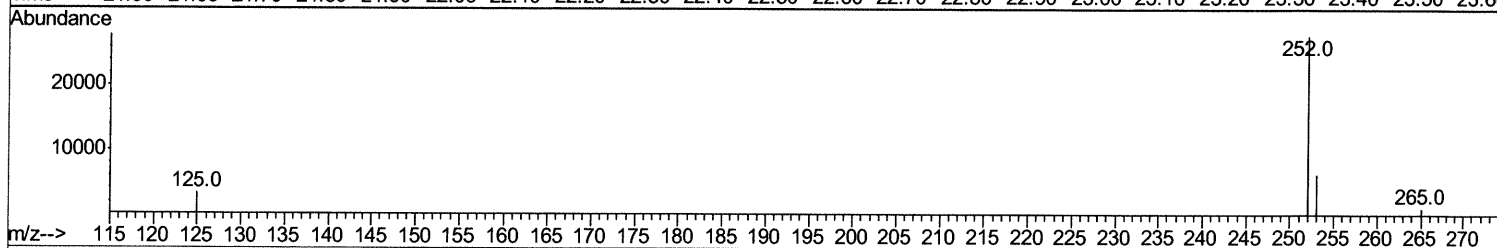
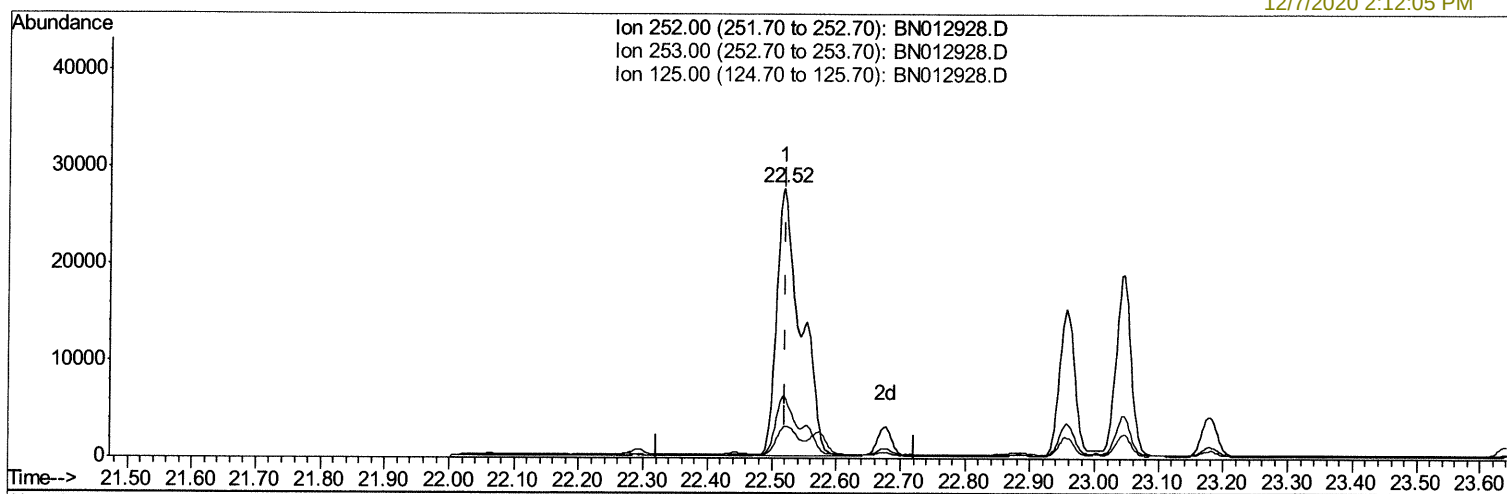
Instrument :  
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 ClientSampleId :  
 C0B63

Manual Integrations  
 APPROVED

mohammad

Quant Time: Dec 07 03:10:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
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TIC: BN012928.D

(21) Benzo(b)fluoranthene  
 22.519min (-0.003) 2.73ng/ul  
 response 72459

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 23.14 |
| 125.00 | 13.00 | 11.64 |
| 0.00   | 0.00  | 0.00  |

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 Operator : CG/JU  
 Sample : L4864-20  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

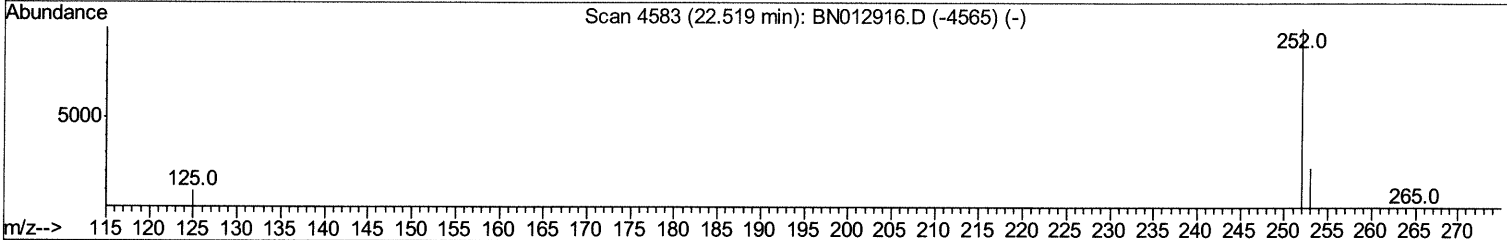
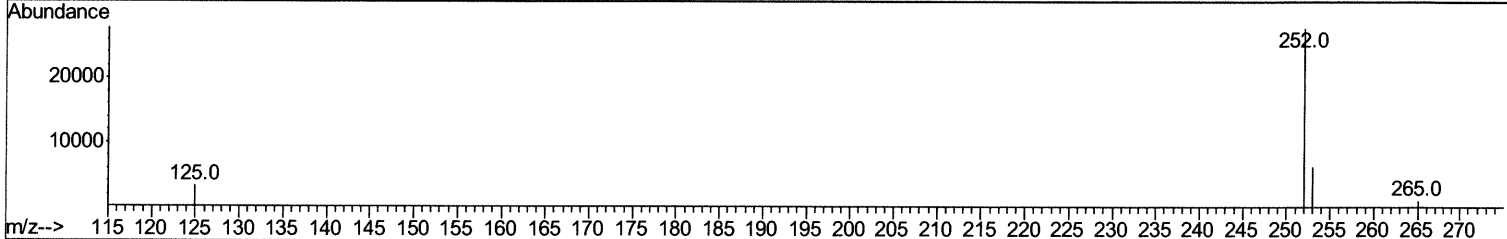
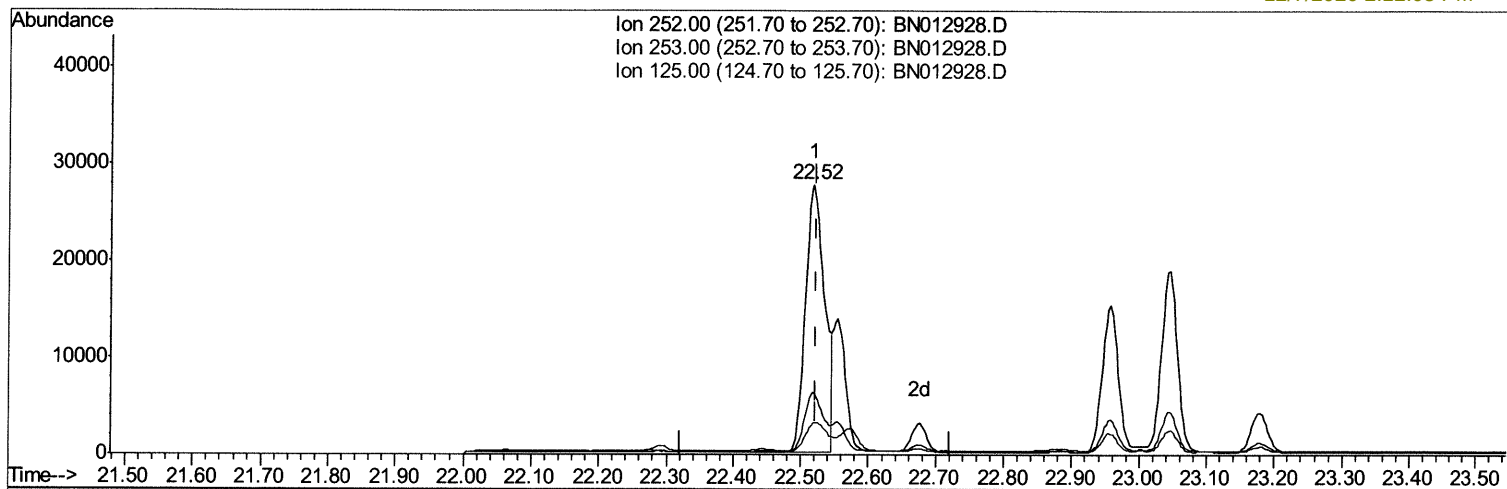
Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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TIC: BN012928.D

(21) Benzo(b)fluoranthene

22.519min (-0.003) 2.05ng/ul m 12/09/2024

response 54401

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 23.14 |
| 125.00 | 13.00 | 11.64 |
| 0.00   | 0.00  | 0.00  |

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 Acq On : 06 Dec 2020 21:30  
 Operator : CG/JU  
 Sample : L4864-20  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

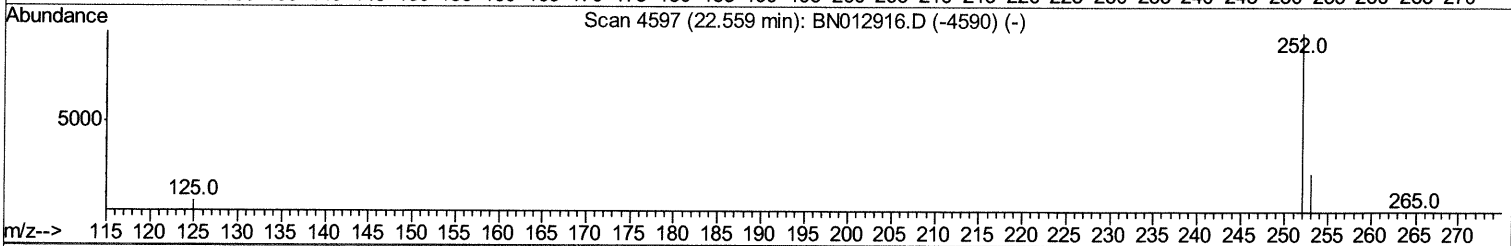
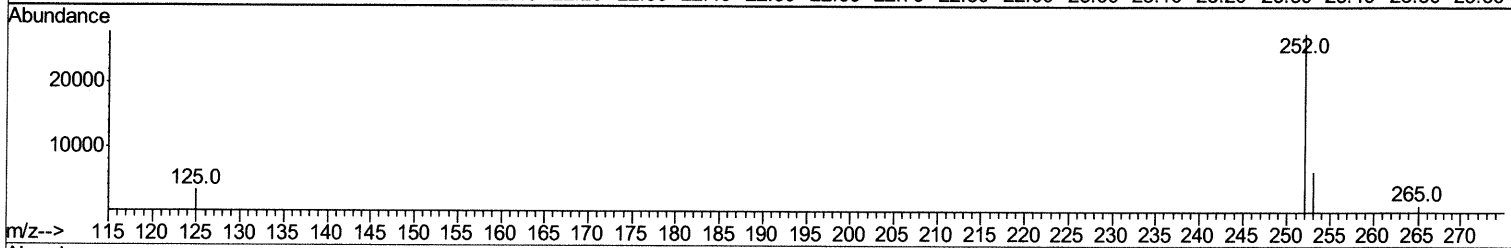
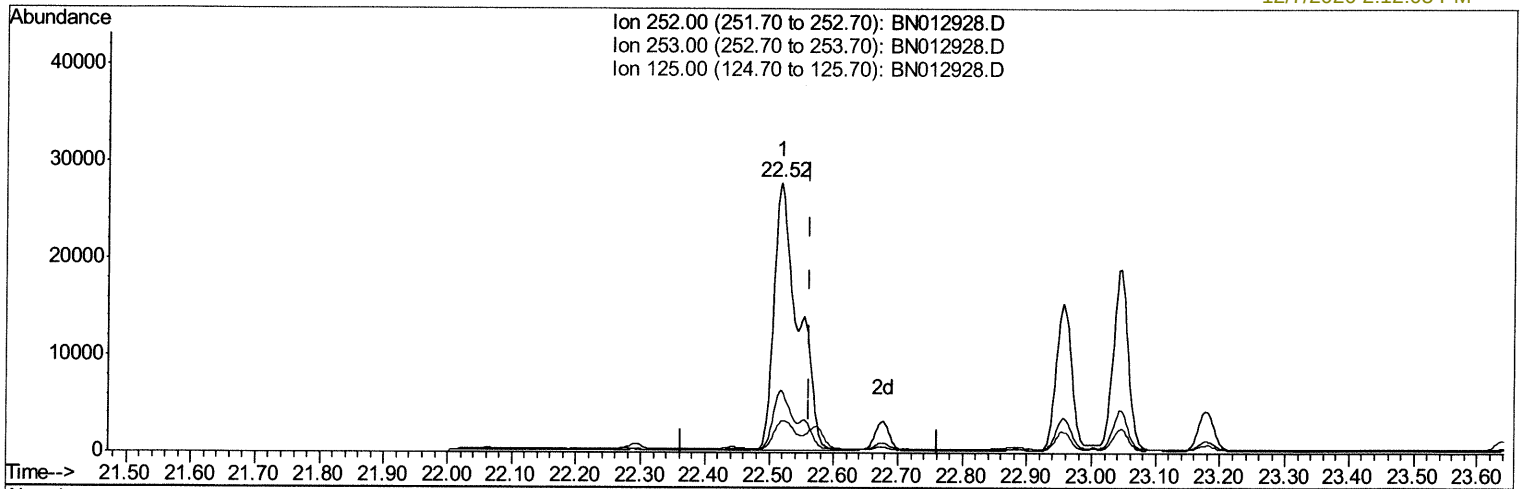
**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 C0B63

**Manual Integrations**  
**APPROVED**

mohammad

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TIC: BN012928.D

(22) Benzo(k)fluoranthene  
 22.519min (-0.044) 2.47ng/ul  
 response 72459  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 23.14# |
| 125.00 | 13.90 | 11.64  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

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 Acq On : 06 Dec 2020 21:30  
 Operator : CG/JU  
 Sample : L4864-20  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

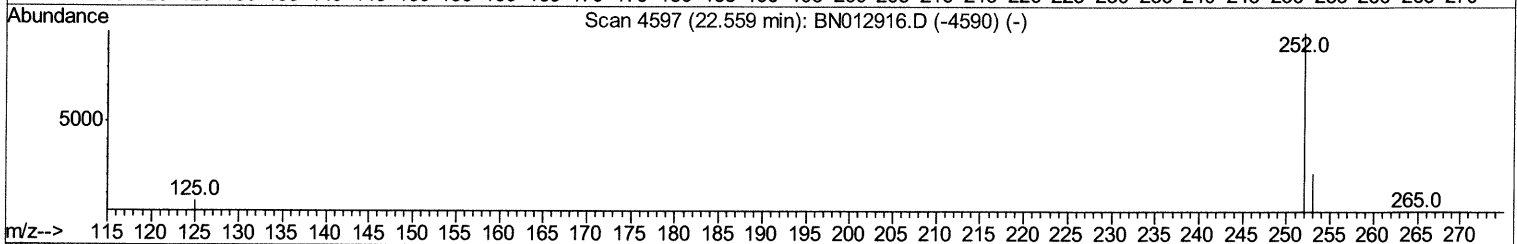
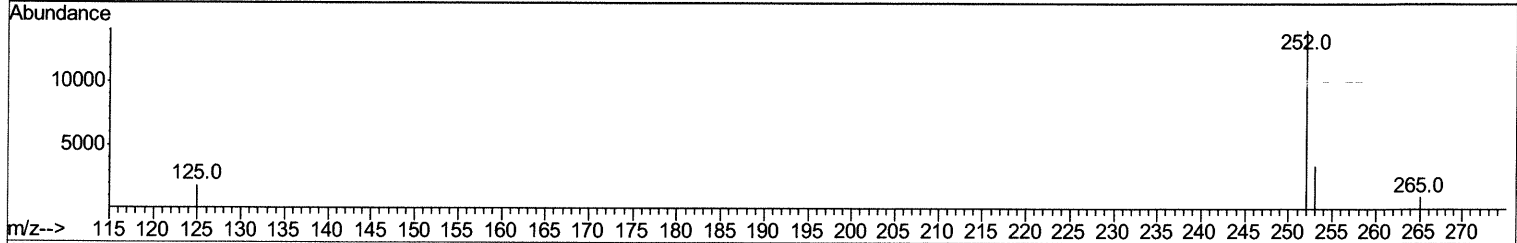
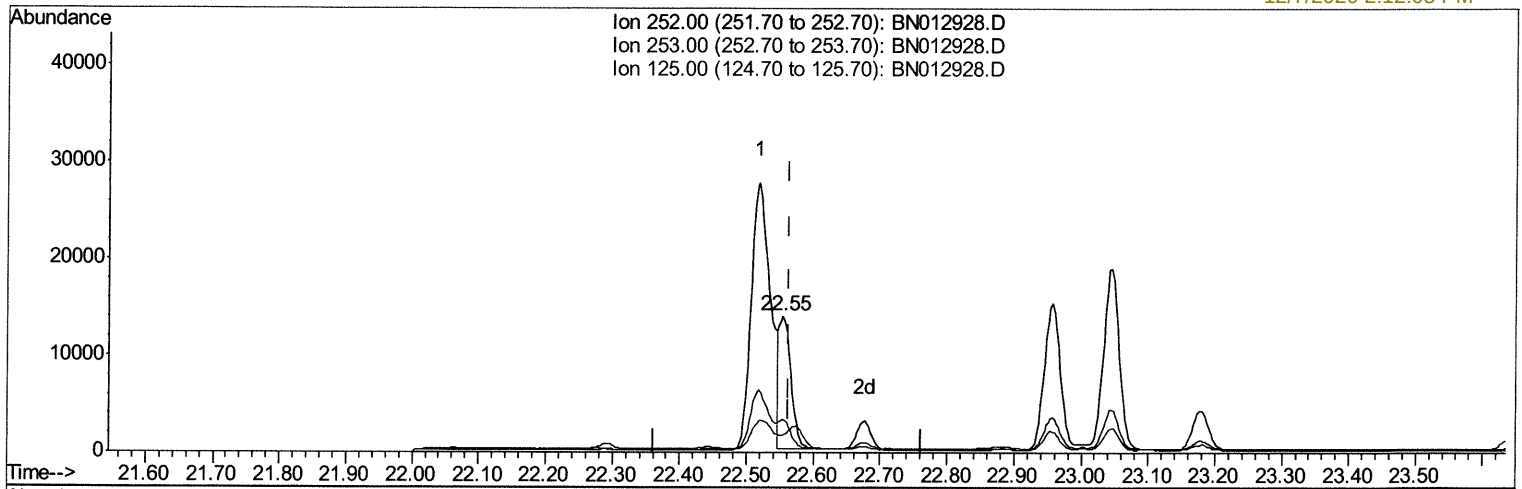
Instrument :  
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Manual Integrations  
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TIC: BN012928.D

(22) Benzo(k)fluoranthene

22.554min (-0.009) 0.60ng/ul m 12/6/2020 JU

response 17509

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.30 | 24.57 |
| 125.00 | 13.90 | 12.87 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\  
Data File : BN012928.D  
Acq On : 06 Dec 2020 21:30  
Operator : CG/JU  
Sample : L4864-20  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

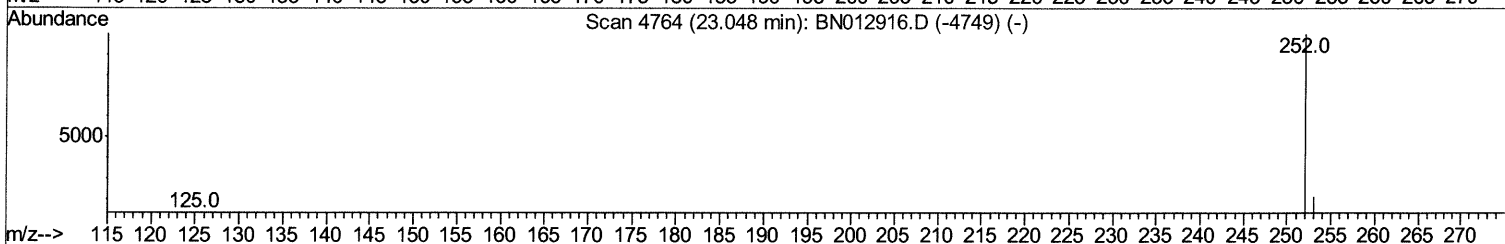
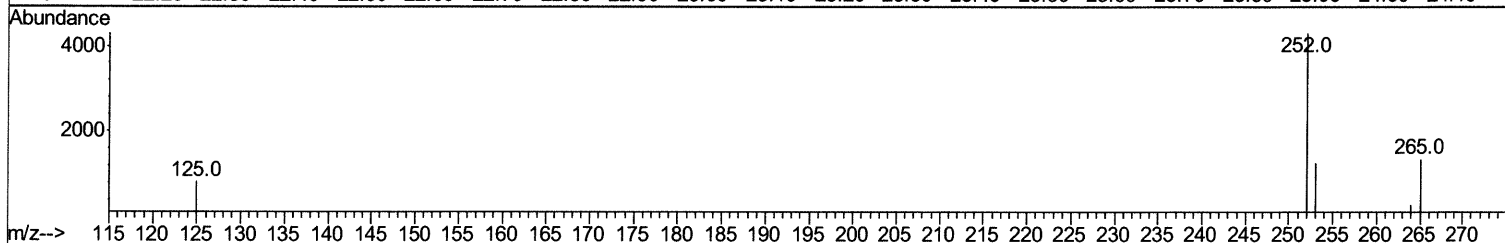
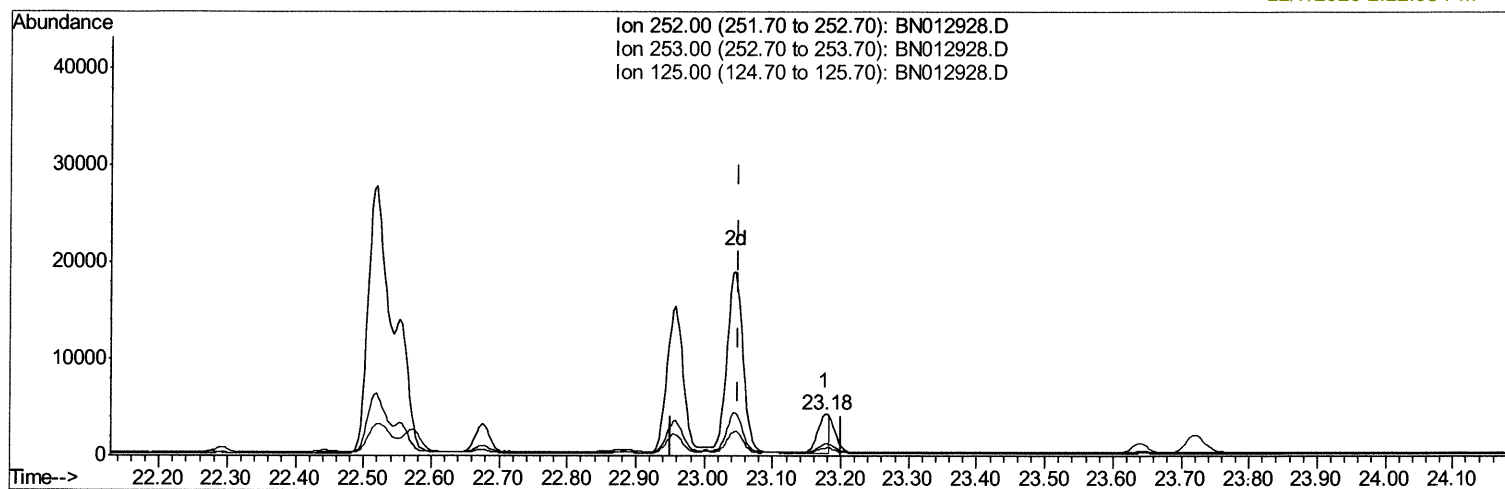
Instrument :  
BNA\_N  
ClientSampleId :  
C0B63

Manual Integrations  
APPROVED

mohammad

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TIC: BN012928.D

(23) Benzo(a)pyrene (C)

23.176min (+0.126) 0.19ng/ul

response 4643

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.10 | 29.13 |
| 125.00 | 17.70 | 19.20 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\  
 Data File : BN012928.D  
 Acq On : 06 Dec 2020 21:30  
 Operator : CG/JU  
 Sample : L4864-20  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

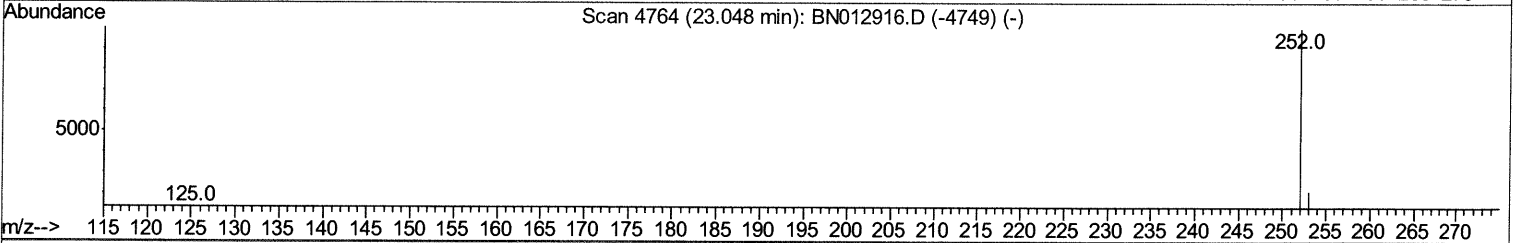
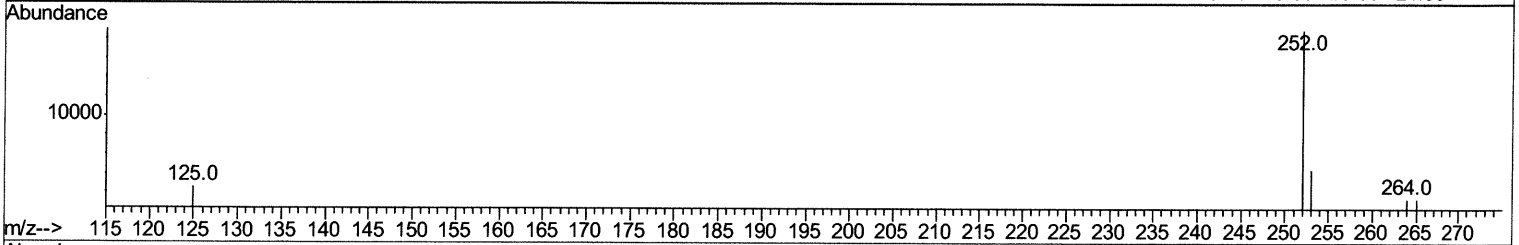
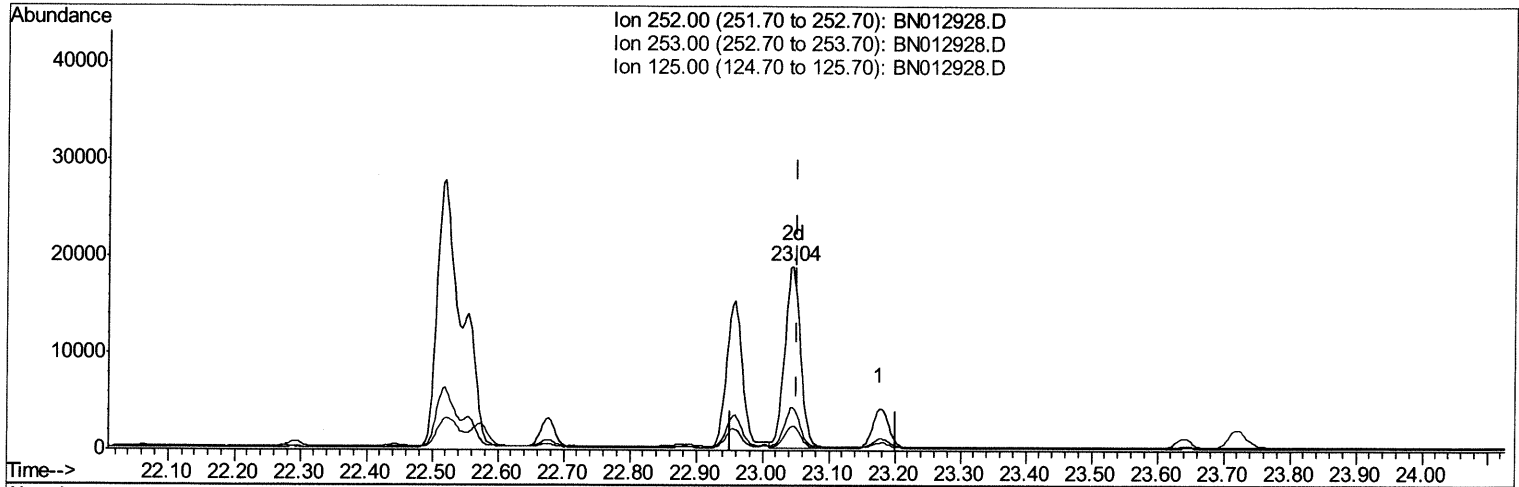
Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B63

Manual Integrations  
 APPROVED

mohammad

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TIC: BN012928.D

(23) Benzo(a)pyrene (C)

23.045min (-0.006) 1.26ng/ul m 12/04/2024

response 30992

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 33.10 | 23.18# |
| 125.00 | 17.70 | 13.64# |
| 0.00   | 0.00  | 0.00   |

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 Data File : BN012928.D  
 Acq On : 06 Dec 2020 21:30  
 Operator : CG/JU  
 Sample : L4864-20  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B63

Manual Integrations  
 APPROVED

mohammad

Quant Time: Dec 07 04:05:29 2020  
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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|--------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.39  | 152  | 1420     | 0.40   | ng/ul  | 0.00         |
| 2) Naphthalene-d8           | 10.15 | 136  | 5830     | 0.40   | ng/ul  | -0.01        |
| 6) Acenaphthene-d10         | 14.06 | 164  | 3298     | 0.40   | ng/ul  | 0.00         |
| 10) Phenanthrene-d10        | 16.81 | 188  | 6872     | 0.40   | ng/ul  | 0.00         |
| 16) Chrysene-d12            | 21.03 | 240  | 5847     | 0.40   | ng/ul  | 0.00         |
| 20) Perylene-d12            | 23.14 | 264  | 5730     | 0.40   | ng/ul  | 0.00         |
| System Monitoring Compounds |       |      |          |        |        |              |
| 4) 2-Methylnaphthalene-d10  | 11.76 | 152  | 946      | 0.11   | ng/ul  | -0.02        |
| 14) Fluoranthene-d10        | 18.86 | 212  | 2134     | 0.11   | ng/ul  | 0.00         |
| Target Compounds            |       |      |          | Ovalue |        |              |
| 3) Naphthalene              | 10.20 | 128  | 454      | 0.027  | ng/ul# | 79           |
| 5) 2-Methylnaphthalene      | 11.84 | 142  | 271      | 0.024  | ng/ul  | 100          |
| 7) Acenaphthylene           | 13.77 | 152  | 435      | 0.028  | ng/ul# | 73           |
| 8) Acenaphthene             | 14.12 | 153  | 564      | 0.044  | ng/ul  | 97           |
| 9) Fluorene                 | 15.12 | 166  | 729      | 0.050  | ng/ul# | 98           |
| 12) Phenanthrene            | 16.85 | 178  | 24476    | 1.062  | ng/ul  | 97           |
| 13) Anthracene              | 16.95 | 178  | 3849     | 0.196  | ng/ul  | 98           |
| 15) Fluoranthene            | 18.88 | 202  | 73527    | 2.685  | ng/ul  | 99           |
| 17) Pyrene                  | 19.25 | 202  | 62283    | 2.255  | ng/ul  | 98           |
| 18) Benzo(a)anthracene      | 21.02 | 228  | 30026    | 1.241  | ng/ul  | 98           |
| 19) Chrysene                | 21.07 | 228  | 38505    | 1.441  | ng/ul  | 98           |
| 21) Benzo(b)fluoranthene    | 22.52 | 252  | 54401m   | 2.052  | ng/ul  | } 12/09/2020 |
| 22) Benzo(k)fluoranthene    | 22.55 | 252  | 17509m   | 0.598  | ng/ul  |              |
| 23) Benzo(a)pyrene          | 23.04 | 252  | 30992m   | 1.260  | ng/ul  |              |
| 24) Indeno(1,2,3-cd)pyrene  | 25.19 | 276  | 21832    | 0.676  | ng/ul# | 100          |
| 25) Dibenzo(a,h)anthracene  | 25.20 | 278  | 5220     | 0.204  | ng/ul  | 94           |
| 26) Benzo(a,h,i)perylene    | 25.82 | 276  | 19629    | 0.672  | ng/ul  | 97           |

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