

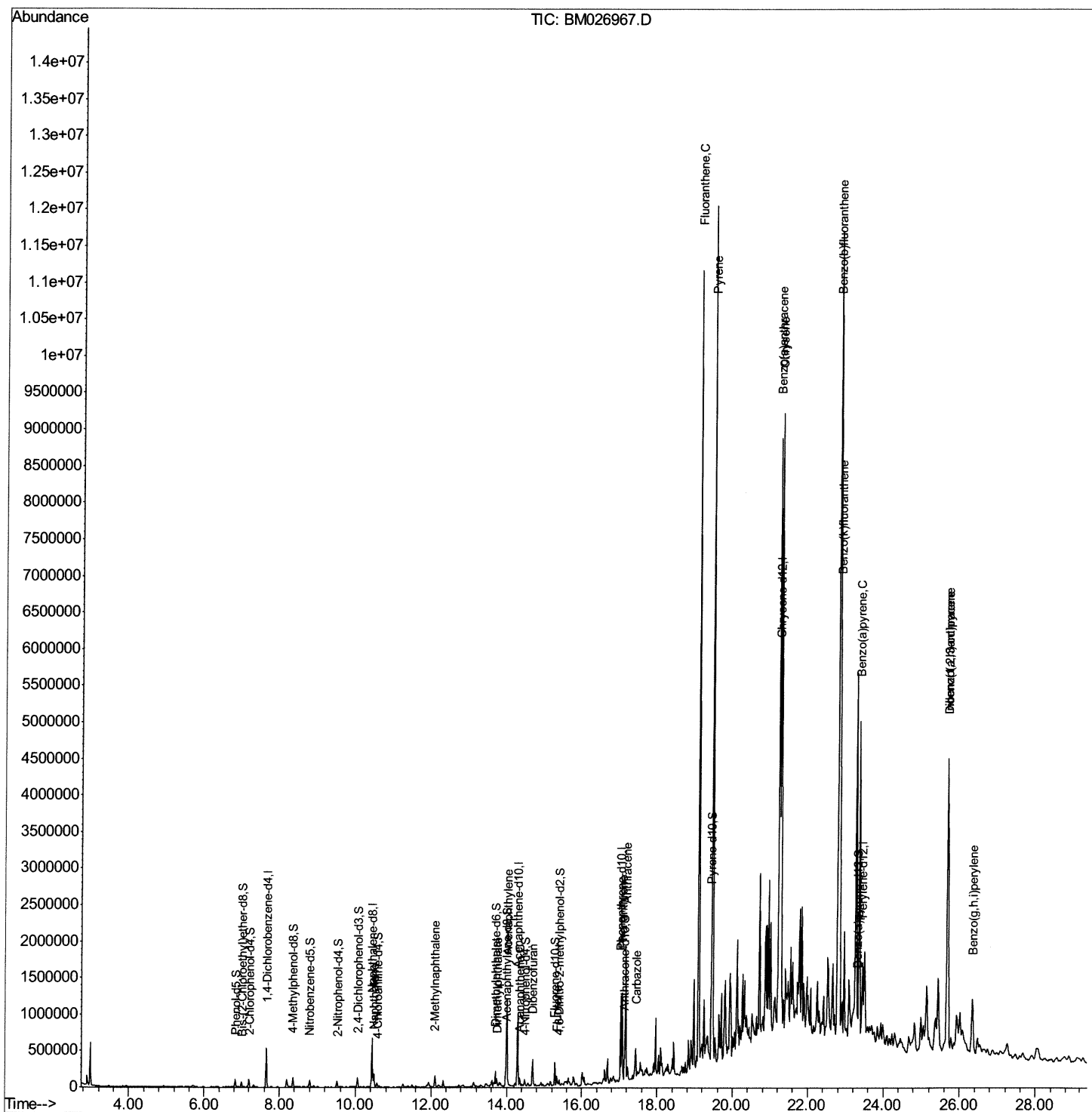
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\  
Data File : BM026967.D  
Acq On : 31 Jul 2020 20:31  
Operator : JU/CG  
Sample : L3424-11 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0S86

Manual Integrations  
APPROVED

mohammad  
8/3/2020 12:23:57 PM

Quant Time: Aug 01 01:18:54 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Aug 01 00:45:52 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

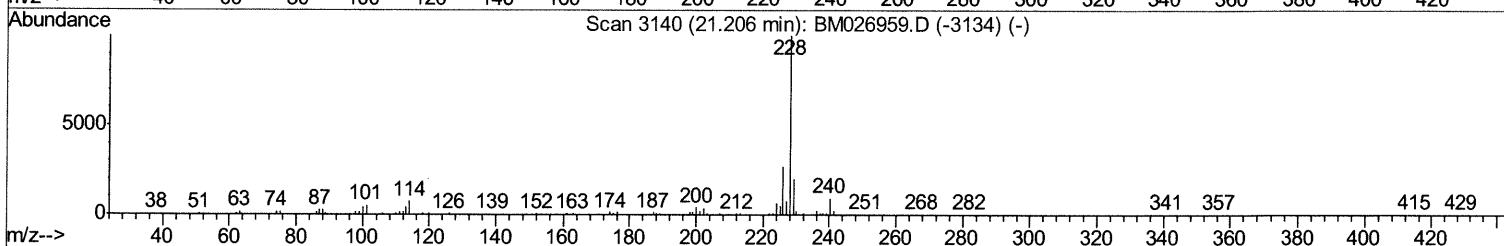
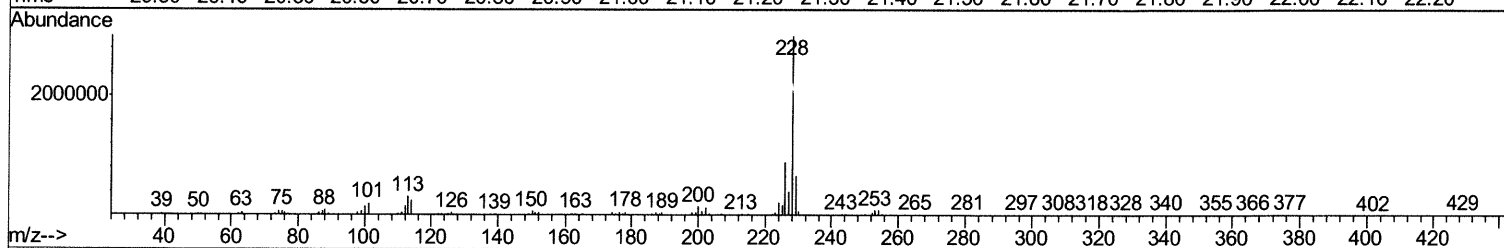
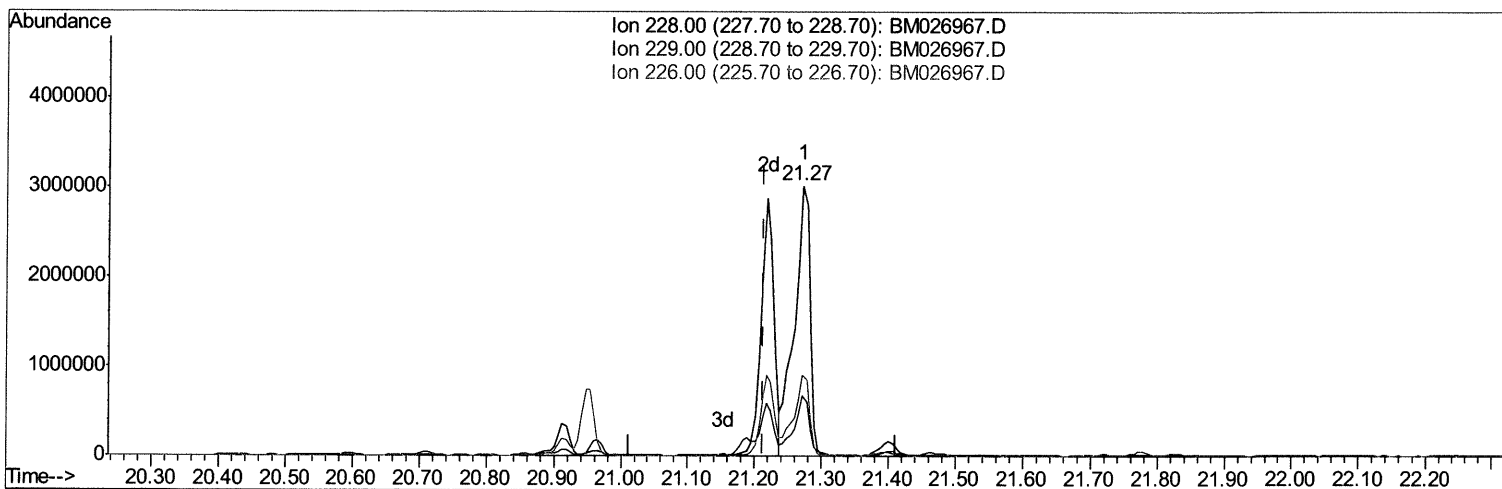
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Quant Time: Aug 01 00:48:19 2020  
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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration



TIC: BM026967.D

(83) Benzo(a)anthracene

21.271min (+0.059) 103.46ng/ul

response 4844053

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.30 | 22.08 |
| 226.00 | 26.10 | 29.82 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

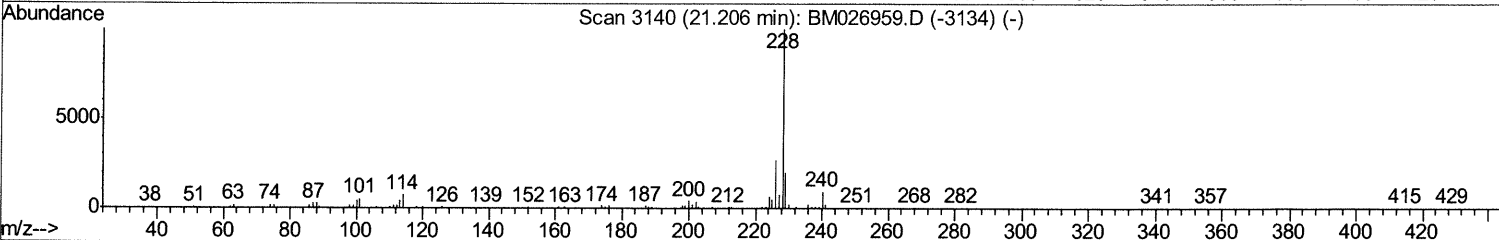
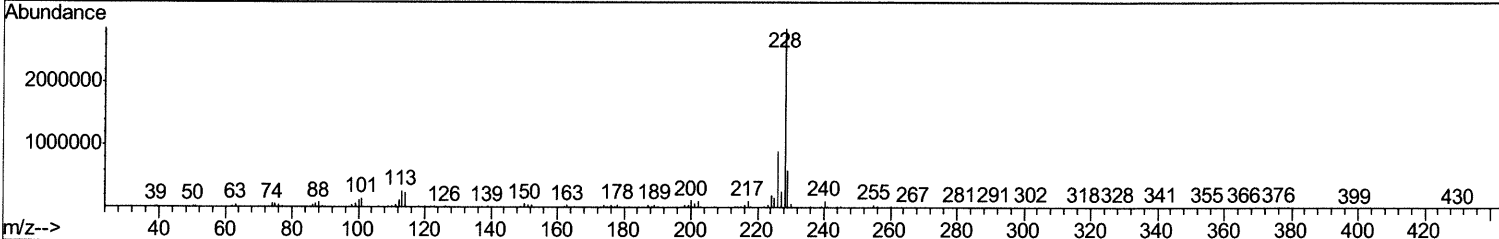
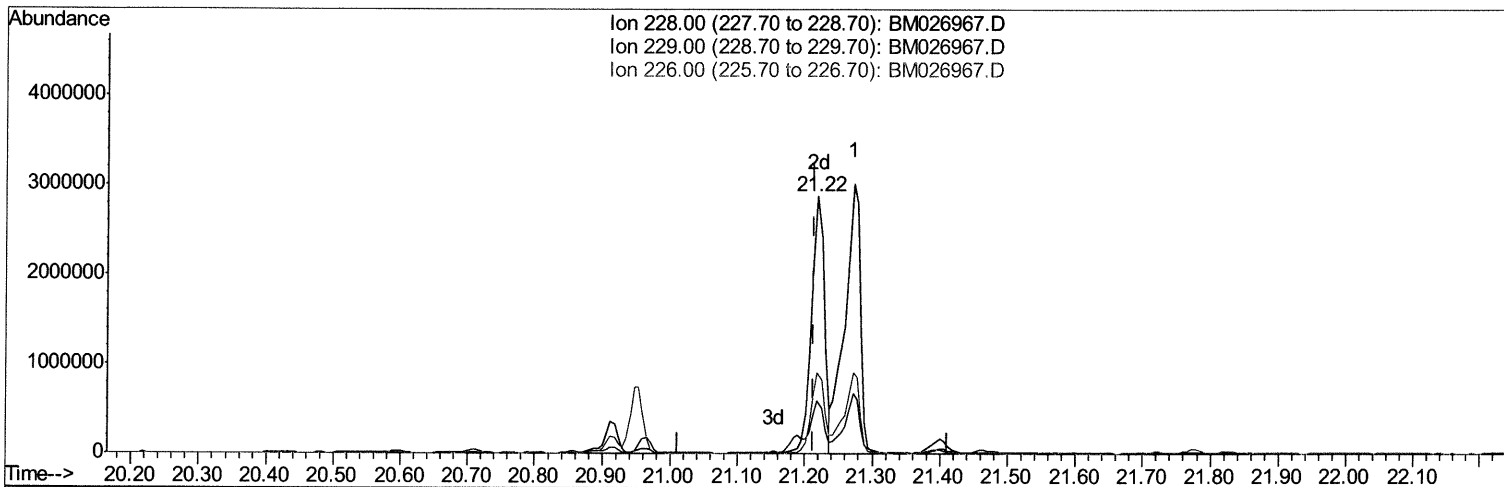
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\  
 Data File : BM026967.D  
 Acq On : 31 Jul 2020 20:31  
 Operator : JU/CG  
 Sample : L3424-11 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0S86

Manual Integrations  
 APPROVED

mohammad  
 8/3/2020 12:23:57 PM

Quant Time: Aug 01 00:48:19 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 01 00:45:52 2020  
 Response via : Initial Calibration



TIC: BM026967.D

(83) Benzo(a)anthracene

21.218min (+0.006) 82.47ng/ul m 8/3/20 JU

response 3861300

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.30 | 20.35  |
| 226.00 | 26.10 | 31.69# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

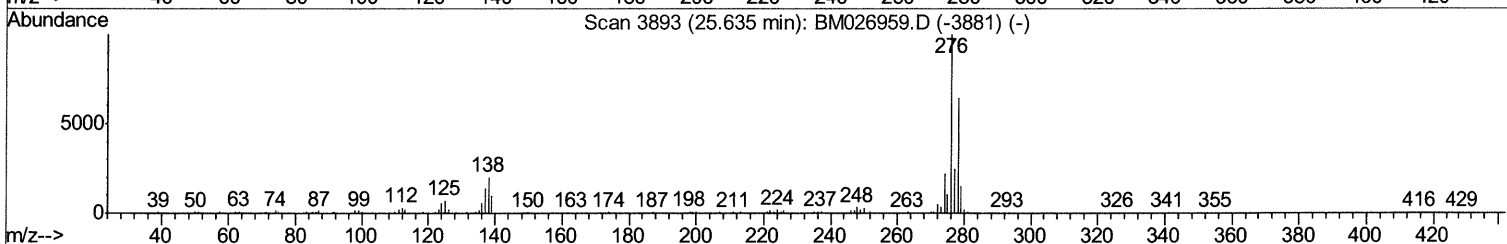
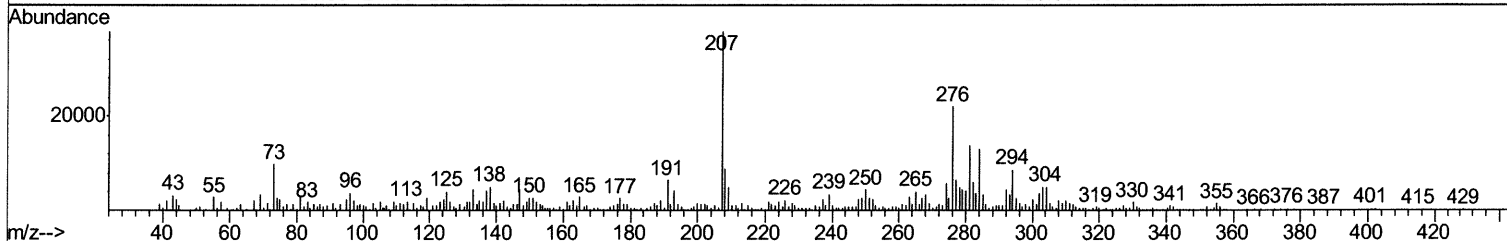
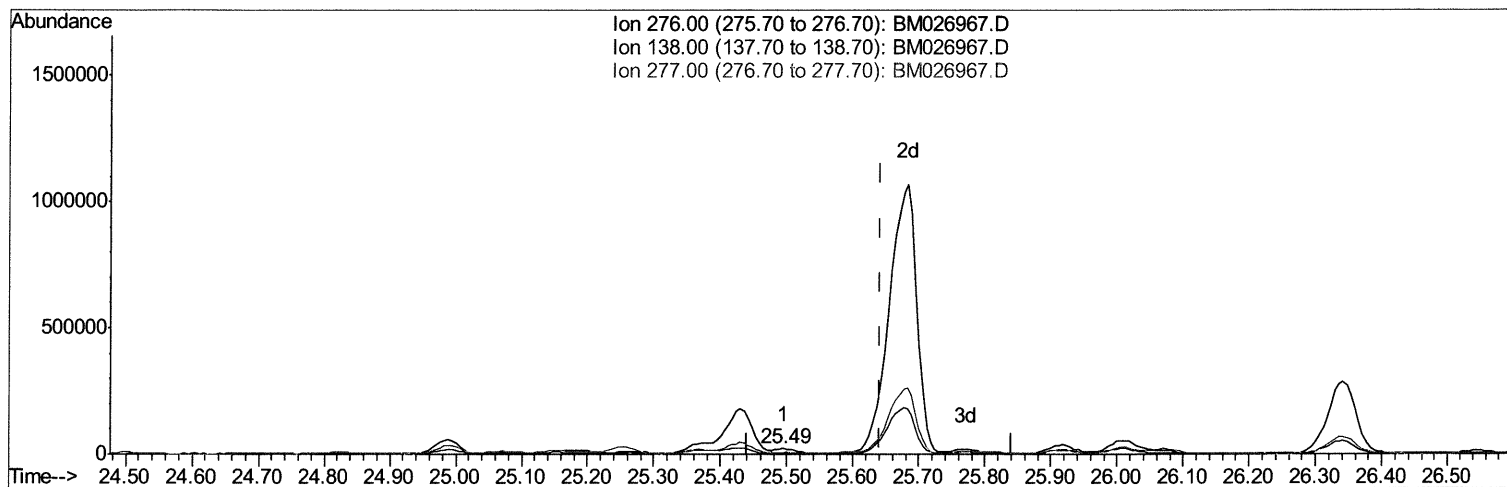
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\  
Data File : BM026967.D  
Acq On : 31 Jul 2020 20:31  
Operator : JU/CG  
Sample : L3424-11 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual Integrations  
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mohammad  
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Quant Time: Aug 01 00:48:19 2020  
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TIC: BM026967.D

(92) Indeno(1,2,3-cd)pyrene

25.494min (-0.147) 0.80ng/ul

response 41589

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 21.20 | 23.11 |
| 277.00 | 25.70 | 29.55 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

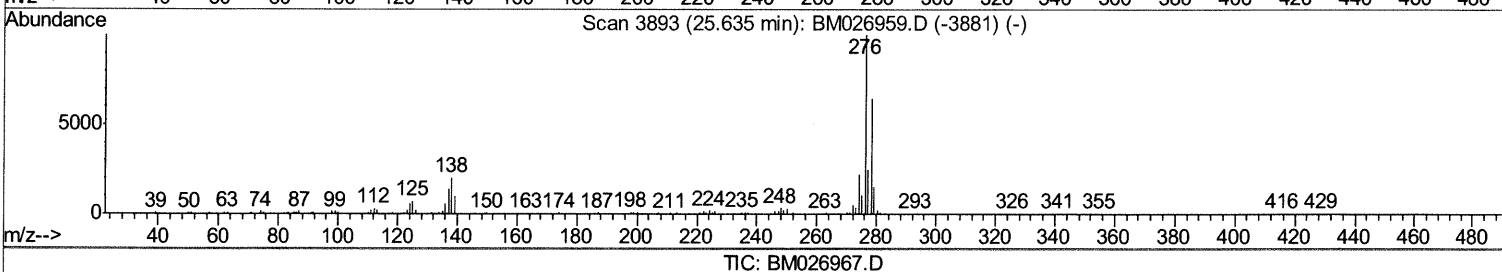
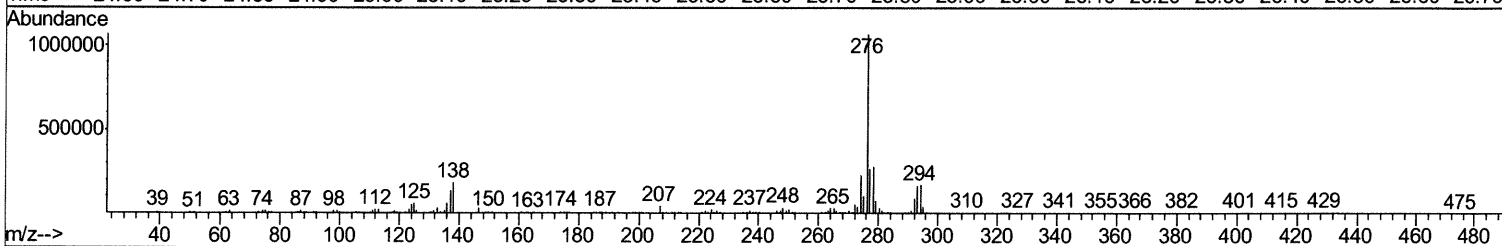
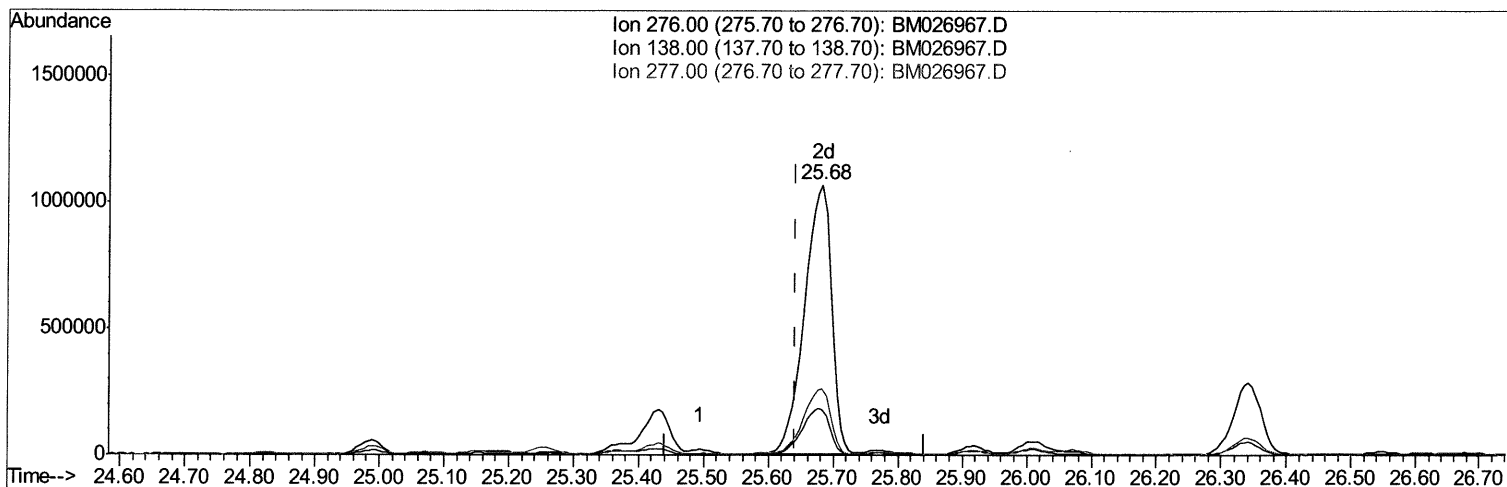
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\  
Data File : BM026967.D  
Acq On : 31 Jul 2020 20:31  
Operator : JU/CG  
Sample : L3424-11 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0S86

Manual Integrations  
APPROVED

mohammad  
8/3/2020 12:23:57 PM

Quant Time: Aug 01 00:48:19 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Aug 01 00:45:52 2020  
Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

25.682min (+0.041) 59.52ng/ul m 8/3/20 JU

response 3106731

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 21.20 | 16.94# |
| 277.00 | 25.70 | 24.45  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\  
 Data File : BM026967.D  
 Acq On : 31 Jul 2020 20:31  
 Operator : JU/CG  
 Sample : L3424-11 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 C0S86

Manual Integrations  
 APPROVED

mohammad  
 8/3/2020 12:23:57 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 01 00:45:52 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 128259   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 514176   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.29 | 164  | 316081   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 646365   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 679279   | 20.00 | ng/ul | 0.01     |
| 86) Perylene-d12          | 23.45 | 264  | 651821   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 1907   | 0.68 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.84  | 99  | 52844  | 4.70 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 34260  | 4.50 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 39238  | 4.67 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 41244  | 4.77 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 19631  | 4.91 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 20166  | 5.50 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 41020  | 4.69 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 26072  | 2.50 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.71 | 166 | 120423 | 4.86 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.98 | 160 | 156121 | 4.95 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.48 | 143 | 14304  | 3.41 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.28 | 176 | 103337 | 4.79 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 11216  | 3.89 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.13 | 188 | 157912 | 4.89 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.43 | 212 | 165096 | 4.56 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.31 | 264 | 166757 | 4.53 | ng/ul | 0.02 |

## Target Compounds

|                            |       |     |           |         | Ovalue |    |
|----------------------------|-------|-----|-----------|---------|--------|----|
| 28) Naphthalene            | 10.48 | 128 | 128513    | 4.474   | ng/ul  | 99 |
| 34) 2-Methylnaphthalene    | 12.10 | 142 | 68656     | 3.381   | ng/ul  | 99 |
| 45) Dimethylphthalate      | 13.75 | 163 | 39976     | 1.537   | ng/ul  | 97 |
| 48) Acenaphthylene         | 14.01 | 152 | 834143    | 26.030  | ng/ul  | 99 |
| 50) Acenaphthene           | 14.35 | 153 | 43363     | 1.964   | ng/ul  | 99 |
| 54) Dibenzofuran           | 14.69 | 168 | 200380    | 6.548   | ng/ul  | 99 |
| 59) Fluorene               | 15.34 | 166 | 43642     | 1.693   | ng/ul# | 98 |
| 70) Phenanthrene           | 17.08 | 178 | 662041    | 16.874  | ng/ul  | 99 |
| 72) Anthracene             | 17.17 | 178 | 1084305   | 26.887  | ng/ul  | 99 |
| 75) Carbazole              | 17.43 | 167 | 247789    | 6.951   | ng/ul  | 99 |
| 77) Fluoranthene           | 19.11 | 202 | 6142485   | 132.592 | ng/ul  | 99 |
| 80) Pyrene                 | 19.47 | 202 | 7037608   | 142.401 | ng/ul  | 97 |
| 83) Benzo(a)anthracene     | 21.22 | 228 | 3861300m> | 82.471  | ng/ul> | 97 |
| 85) Chrysene               | 21.27 | 228 | 4842737   | 106.065 | ng/ul  | 97 |
| 88) Benzo(b)fluoranthene   | 22.81 | 252 | 9012418   | 193.280 | ng/ul  | 98 |
| 89) Benzo(k)fluoranthene   | 22.84 | 252 | 2732884   | 61.078  | ng/ul  | 96 |
| 91) Benzo(a)pyrene         | 23.36 | 252 | 2728766   | 64.854  | ng/ul  | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 3106731m> | 59.519  | ng/ul> | 98 |
| 93) Dibenzo(a,h)anthracene | 25.68 | 278 | 799392    | 18.108  | ng/ul# | 85 |
| 94) Benzo(a,h,i)perylene   | 26.34 | 276 | 850509    | 19.705  | ng/ul  | 99 |

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