

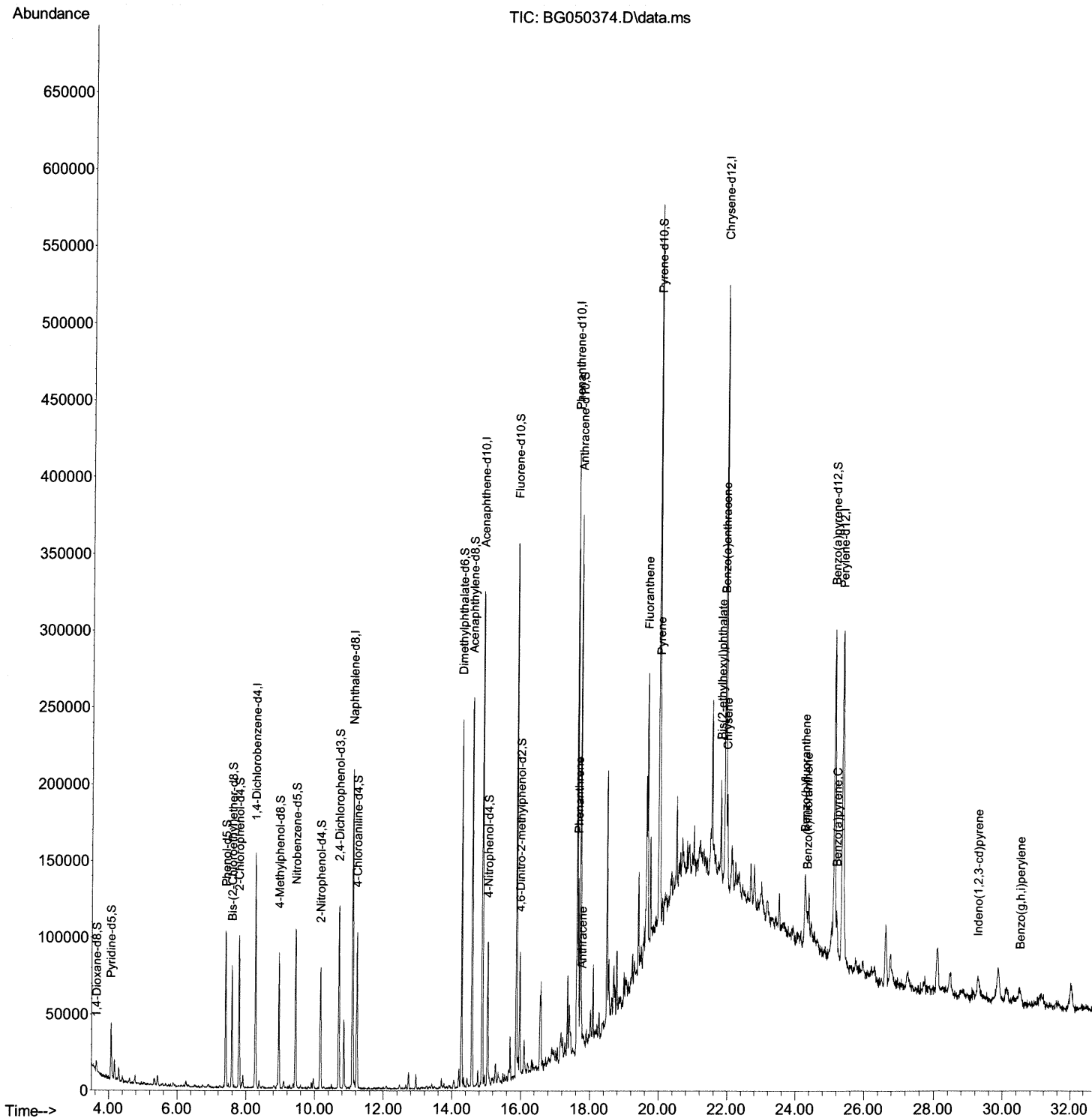
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG093021\  
Data File : BG050374.D  
Acq On : 2 Oct 2021 3:18  
Operator : CG/JU  
Sample : M3874-11  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW7T5

Manual Integrations  
APPROVED

mohammad  
10/4/2021 11:50:42 AM

Quant Time: Oct 02 04:05:10 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG093021.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 30 16:27:24 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

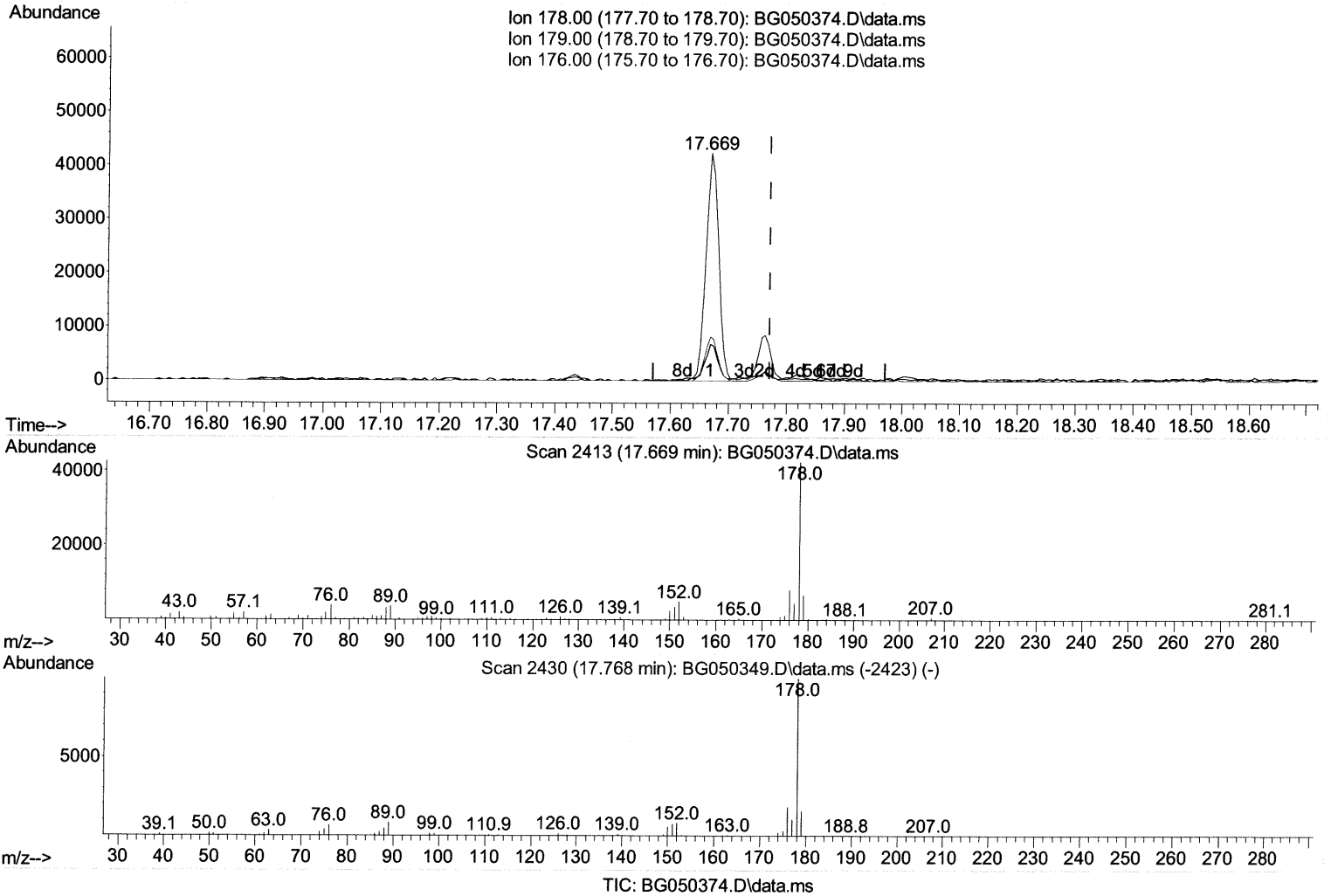
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## (74) Anthracene

17.669min (-0.102) 5.56 ng/ul

response 64744

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.90  | 15.95  |
| 176.00 | 18.70  | 19.35  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

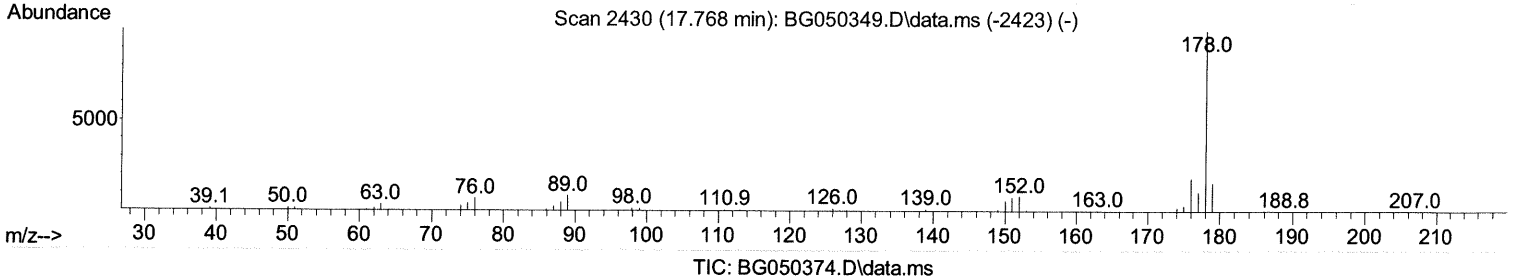
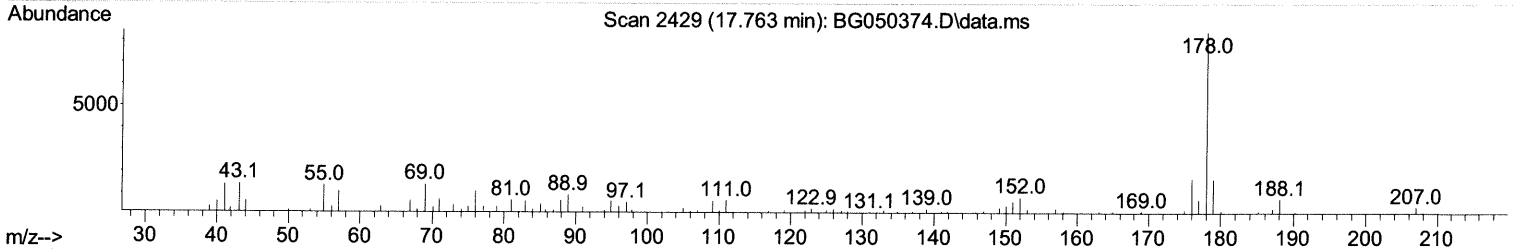
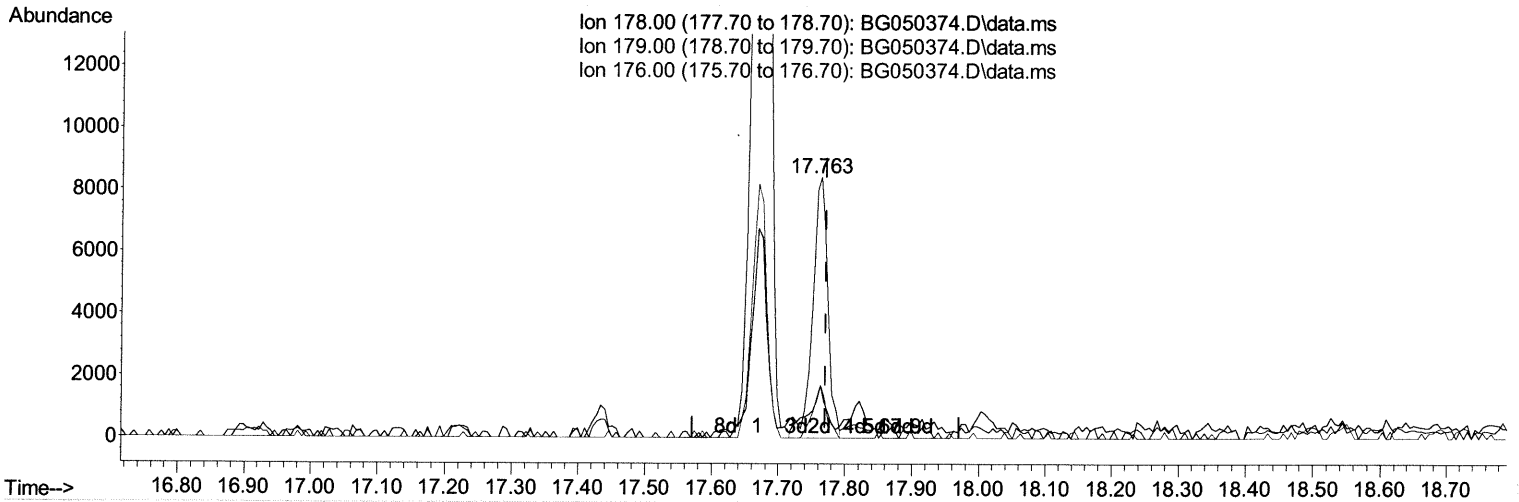
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG093021\  
 Data File : BG050374.D  
 Acq On : 2 Oct 2021 3:18  
 Operator : CG/JU  
 Sample : M3874-11  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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mohammad  
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TIC: BG050374.D\data.ms

## (74) Anthracene

17.763min (-0.008) 1.16 ng/ul m 10/05/21 JU

response 13462

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.90  | 19.99# |
| 176.00 | 18.70  | 20.29  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

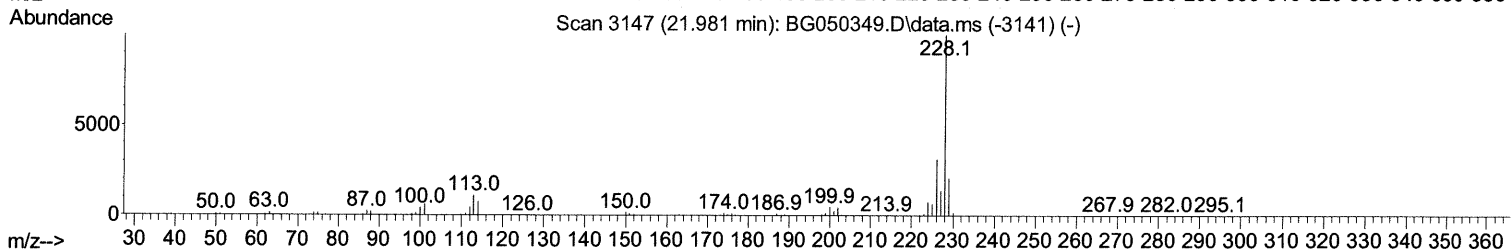
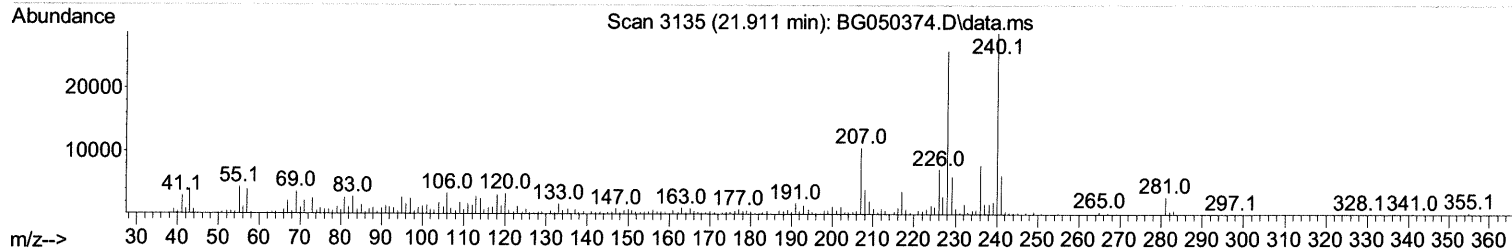
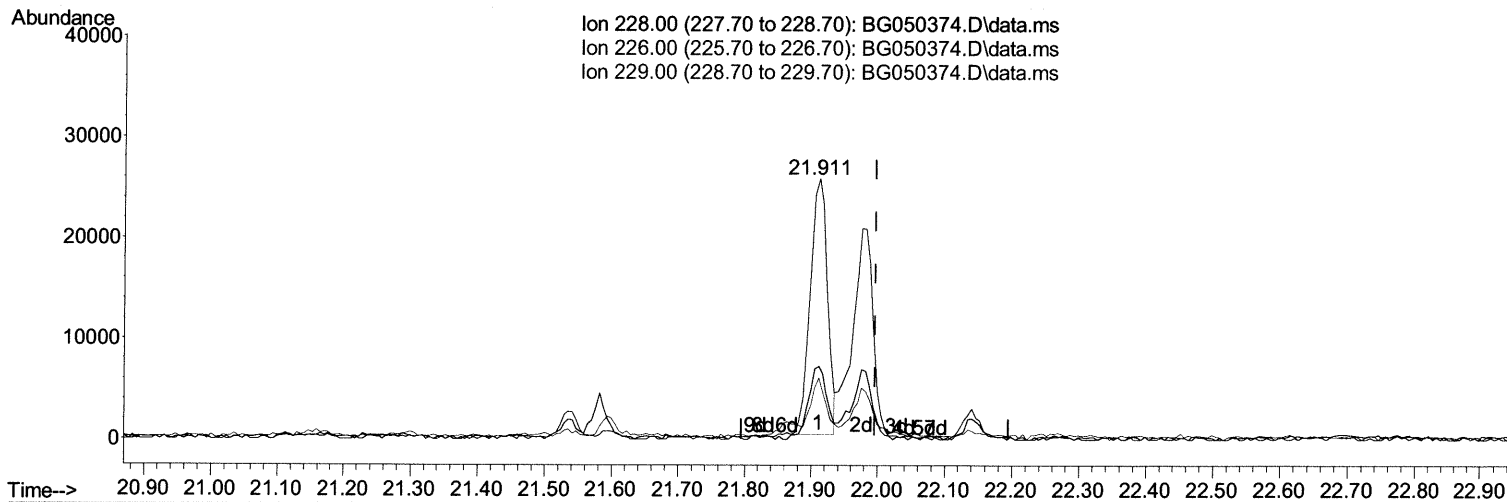
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG093021\  
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 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
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TIC: BG050374.D\data.ms

## (87) Chrysene

21.911min (-0.085) 3.57 ng/u1

response 45993

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.70  | 27.88  |
| 229.00 | 20.20  | 23.48  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

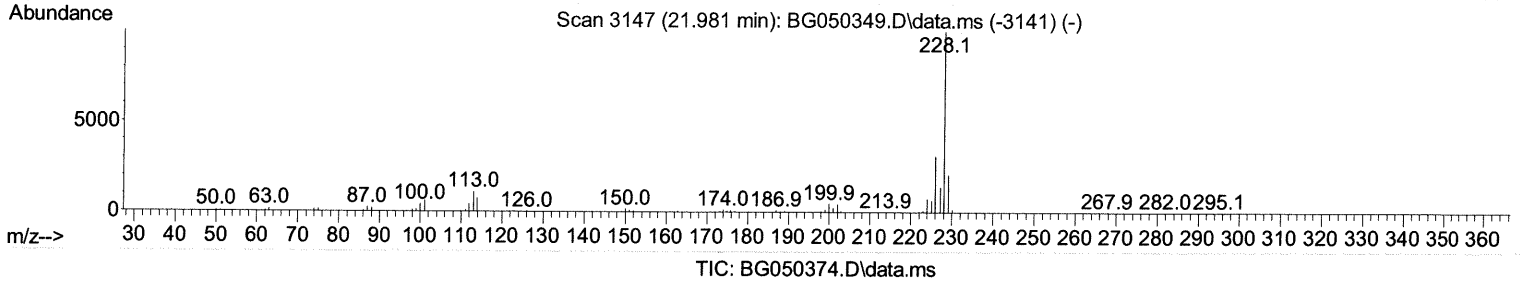
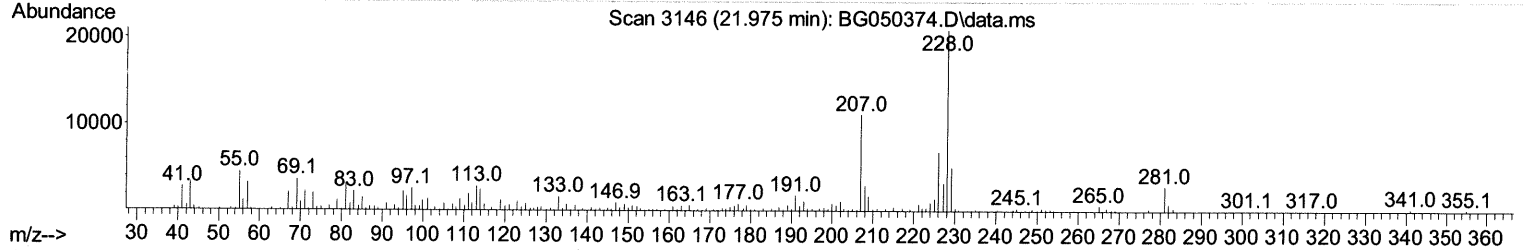
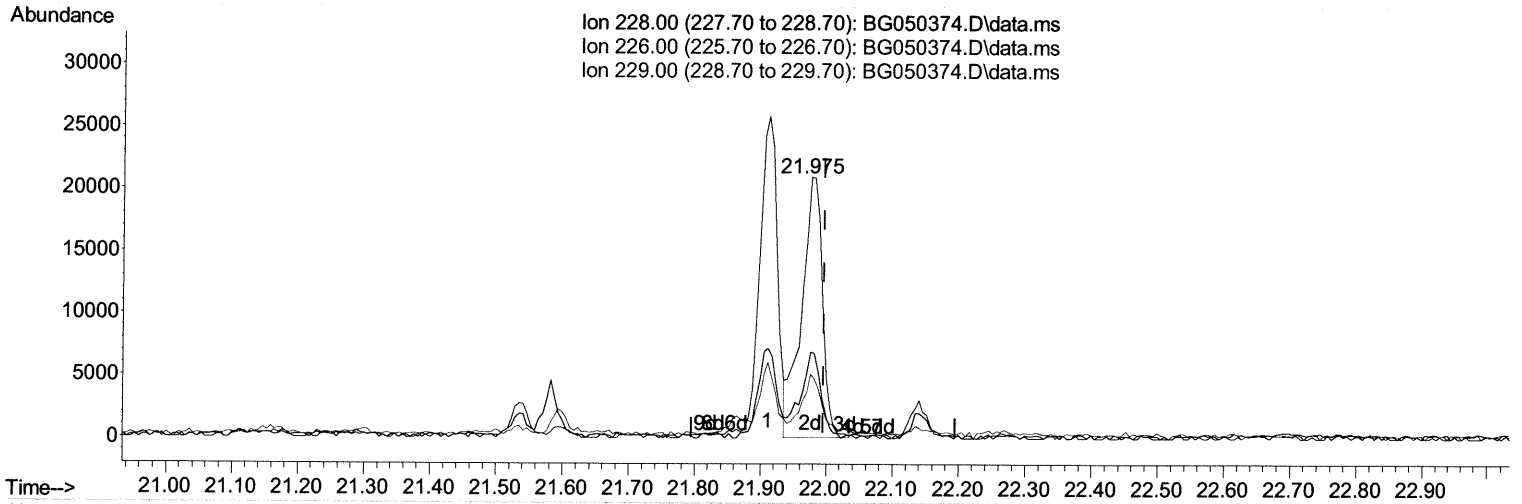
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG093021\  
 Data File : BG050374.D  
 Acq On : 2 Oct 2021 3:18  
 Operator : CG/JU  
 Sample : M3874-11  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Manual Integrations  
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## (87) Chrysene

21.975min (-0.020) 3.59 ng/ul m 10/05/2021

response 46258

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.70  | 33.01  |
| 229.00 | 20.20  | 24.46# |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

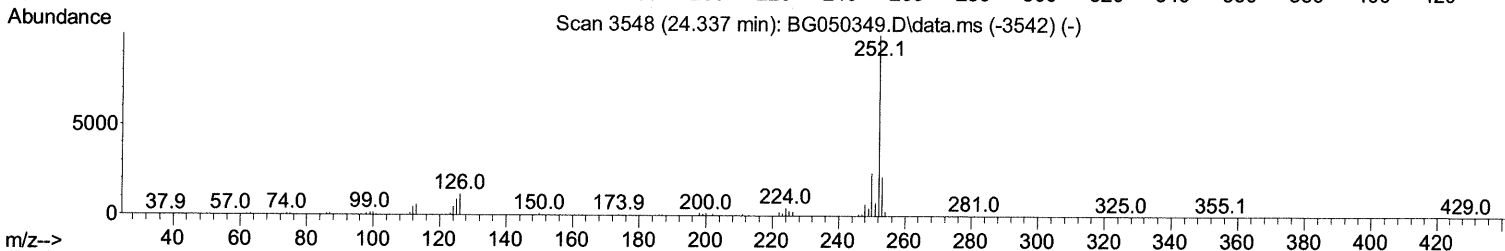
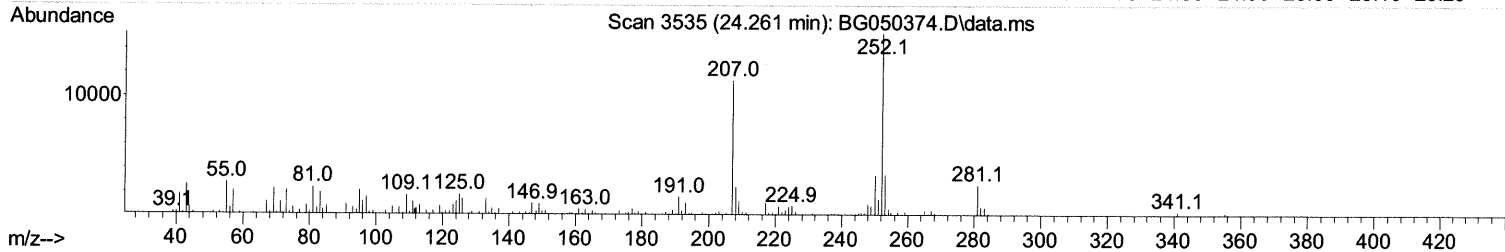
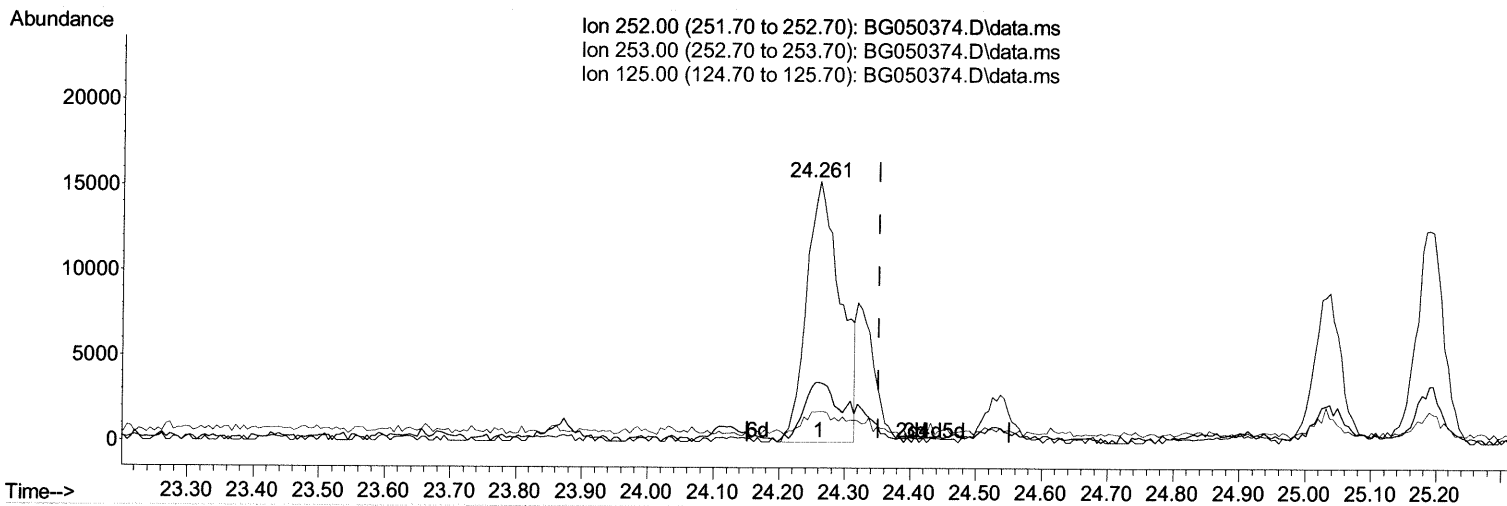
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG093021\  
Data File : BG050374.D  
Acq On : 2 Oct 2021 3:18  
Operator : CG/JU  
Sample : M3874-11  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual Integrations  
APPROVED

mohammad  
10/4/2021 11:50:42 AM

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG093021.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 30 16:27:24 2021  
Response via : Initial Calibration



TIC: BG050374.D\data.ms

(91) Benzo(k)fluoranthene

24.261min (-0.091) 4.20 ng/u1

response 55398

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.40  | 22.71  |
| 125.00 | 9.20   | 11.78# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

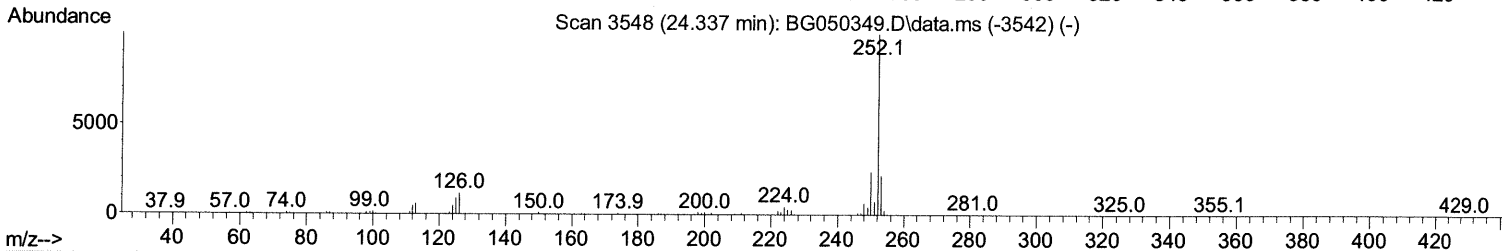
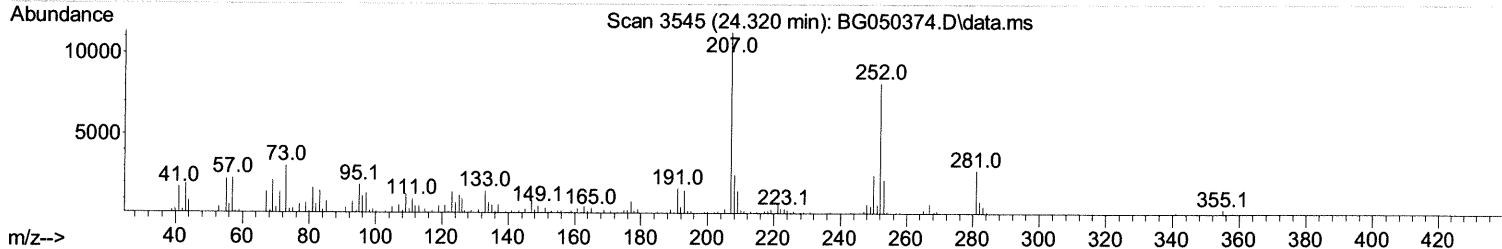
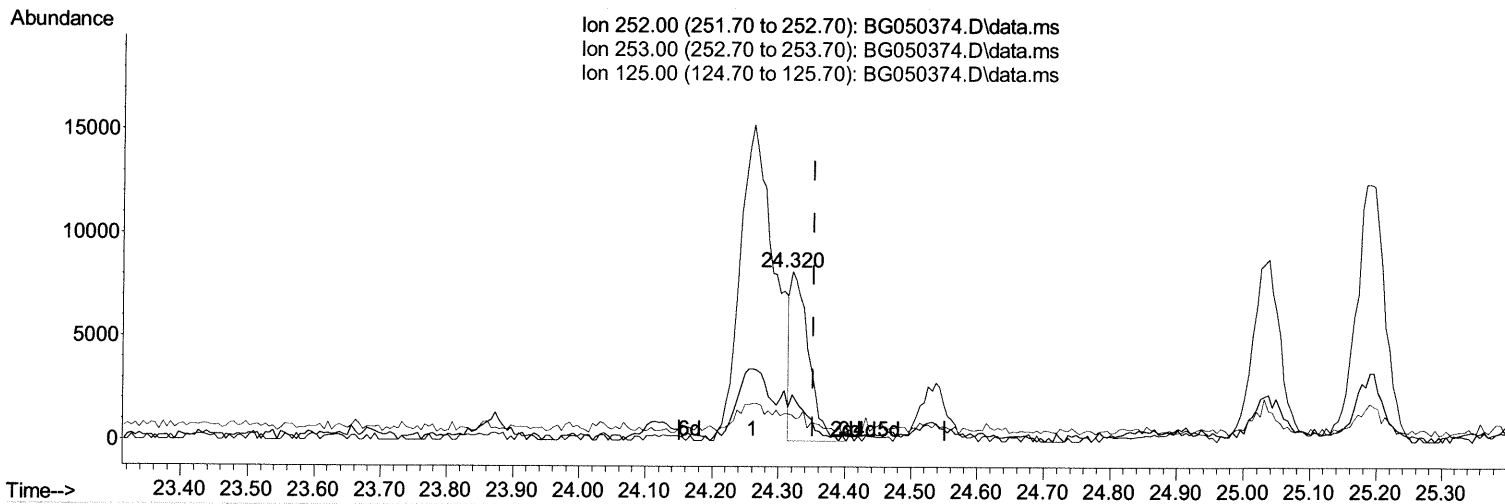
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG093021\  
 Data File : BG050374.D  
 Acq On : 2 Oct 2021 3:18  
 Operator : CG/JU  
 Sample : M3874-11  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW7T5

Manual Integrations  
 APPROVED

mohammad  
 10/4/2021 11:50:42 AM

Quant Time: Oct 02 04:05:10 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG093021.M  
 Quant Title : SVOA CALIBRATION  
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TIC: BG050374.D\data.ms

(91) Benzo(k)fluoranthene

24.320min (-0.032) 1.15 ng/ul m 10/05/21 JU

response 15132

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.40  | 27.10# |
| 125.00 | 9.20   | 15.15# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

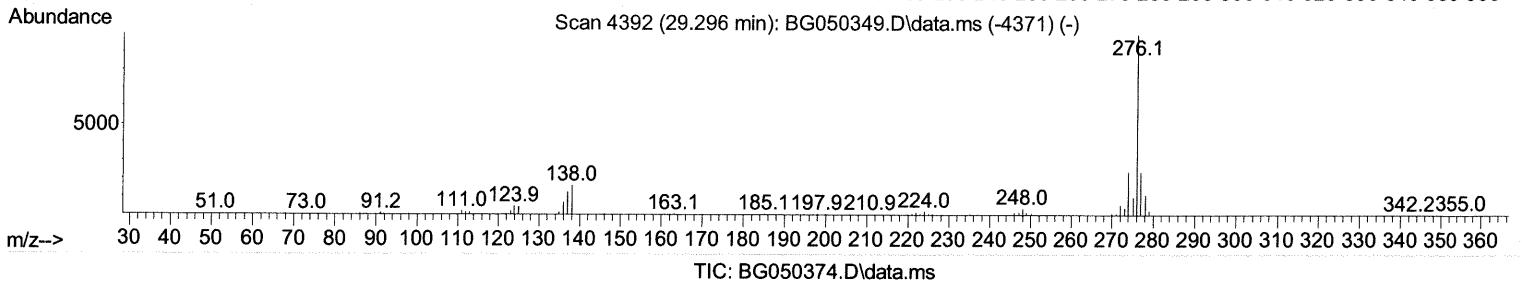
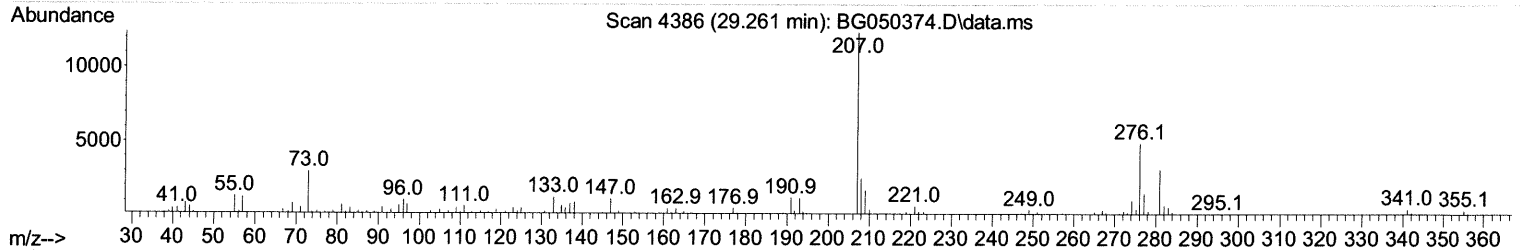
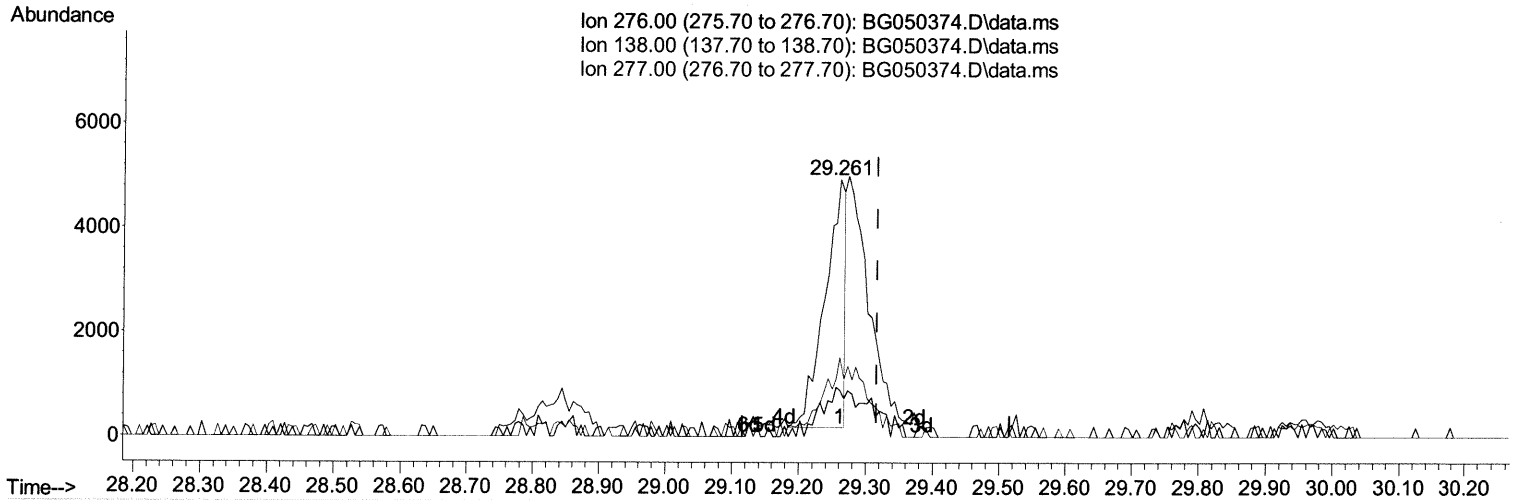
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG093021\  
 Data File : BG050374.D  
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 Operator : CG/JU  
 Sample : M3874-11  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

mohammad  
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(94) Indeno(1,2,3-cd)pyrene

29.261min (-0.055) 0.66 ng/u1

response 10059

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 15.50  | 18.07  |
| 277.00 | 23.10  | 30.67# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

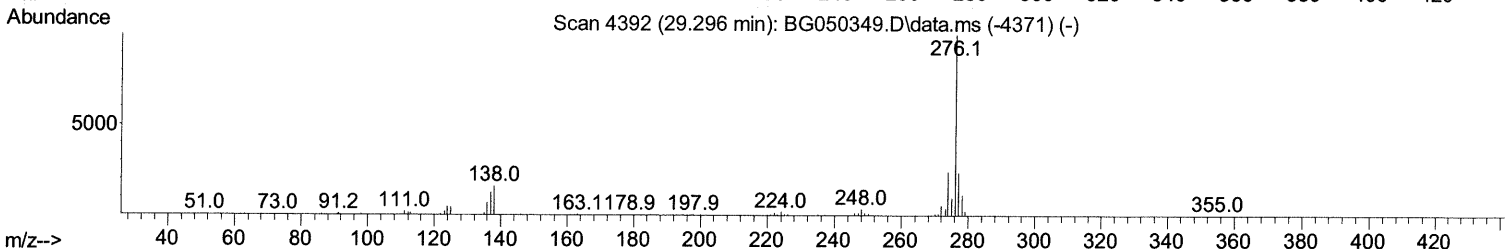
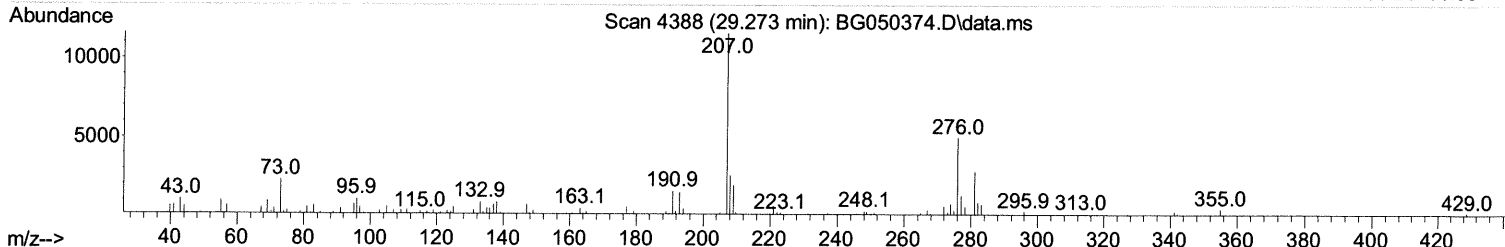
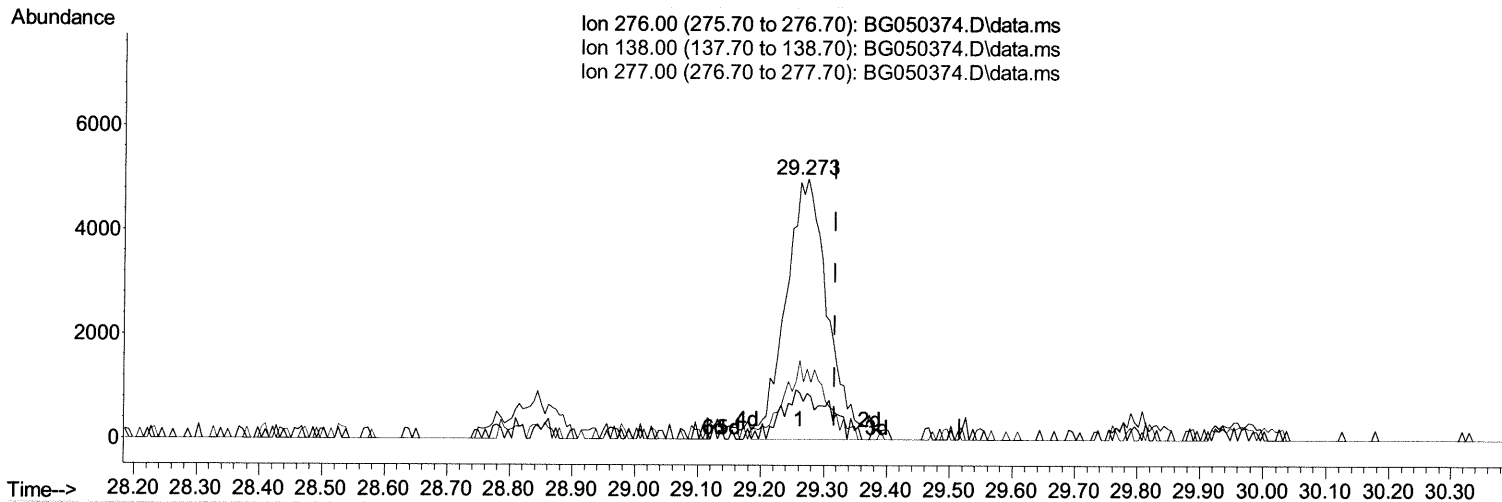
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG093021\  
 Data File : BG050374.D  
 Acq On : 2 Oct 2021 3:18  
 Operator : CG/JU  
 Sample : M3874-11  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW7T5

Manual Integrations  
 APPROVED

mohammad  
 10/4/2021 11:50:42 AM

Quant Time: Oct 02 04:05:10 2021  
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 Quant Title : SVOA CALIBRATION  
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TIC: BG050374.D\data.ms

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

29.273min (-0.044) 1.53 ng/ul m 10/05/21 JU

response 23162

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 15.50  | 17.48  |
| 277.00 | 23.10  | 27.09  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

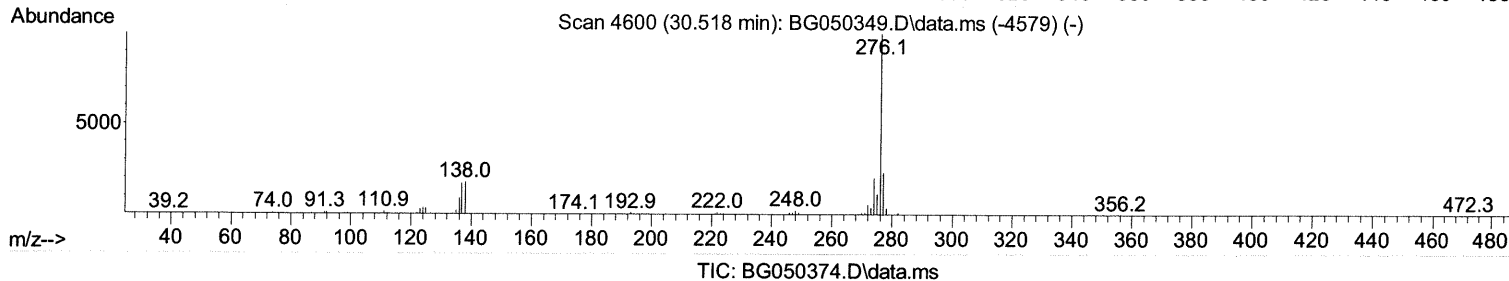
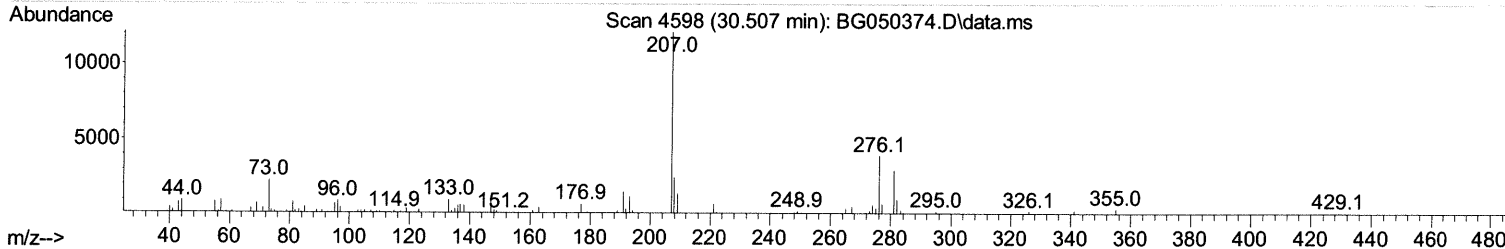
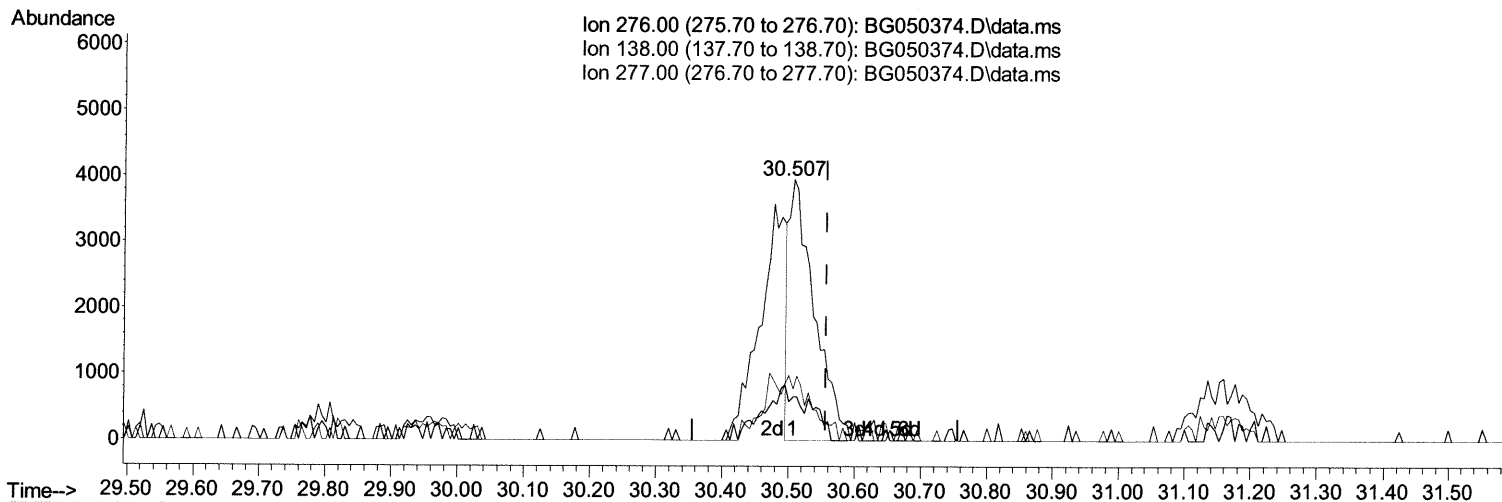
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TIC: BG050374.D\data.ms

(96) Benzo(g,h,i)perylene

30.507min (-0.049) 0.81 ng/ul

response 10348

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.60  | 16.56  |
| 277.00 | 22.40  | 19.72  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

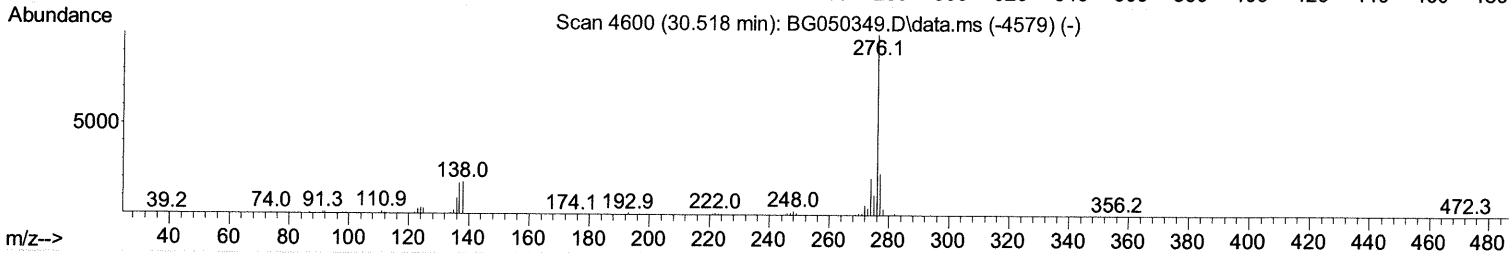
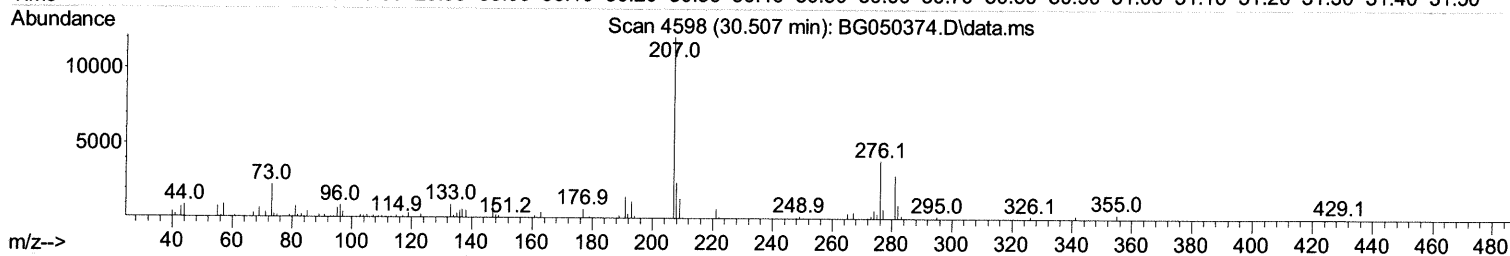
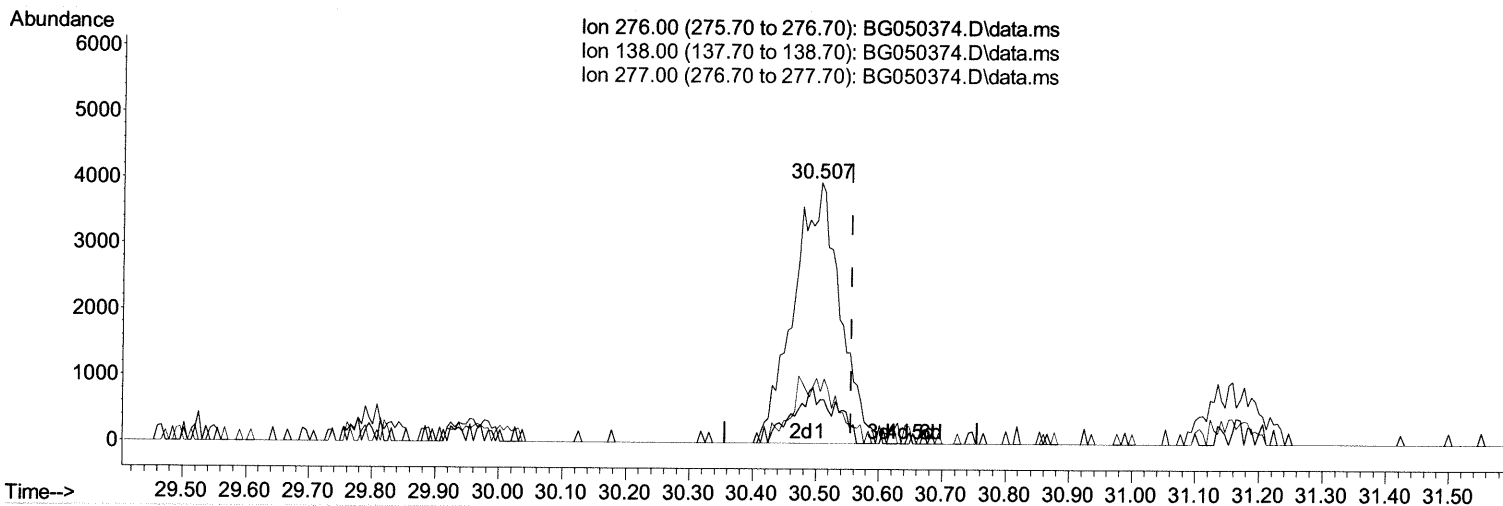
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 Operator : CG/JU  
 Sample : M3874-11  
 Misc :  
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Instrument :  
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 ClientSampleId :  
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TIC: BG050374.D\data.ms

(96) Benzo(g,h,i)perylene

30.507min (-0.049) 1.56 ng/ul m 10/05/21 JU

response 19924

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 17.60  | 16.56  |
| 277.00 | 22.40  | 19.72  |
| 0.00   | 0.00   | 0.00   |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min)      |
|-------------------------------|--------|------|----------|--------|--------|---------------|
| -----                         |        |      |          |        |        |               |
| Internal Standards            |        |      |          |        |        |               |
| 1) 1,4-Dichlorobenzene-d4     | 8.274  | 152  | 41396    | 20.000 | ng/ul  | 0.00          |
| 20) Naphthalene-d8            | 11.094 | 136  | 166906   | 20.000 | ng/ul  | 0.00          |
| 38) Acenaphthene-d10          | 14.884 | 164  | 110983   | 20.000 | ng/ul  | 0.00          |
| 64) Phenanthrene-d10          | 17.628 | 188  | 235598   | 20.000 | ng/ul  | 0.00          |
| 79) Chrysene-d12              | 21.928 | 240  | 223073   | 20.000 | ng/ul  | -0.02         |
| 88) Perylene-d12              | 25.354 | 264  | 232746   | 20.000 | ng/ul  | -0.03         |
|                               |        |      |          |        |        |               |
| System Monitoring Compounds   |        |      |          |        |        |               |
| 3) 1,4-Dioxane-d8             | 3.644  | 96   | 3346     | 2.970  | ng/uL  | 0.00          |
| 4) Pyridine-d5                | 4.067  | 84   | 22593    | 6.729  | ng/ul  | 0.00          |
| 7) Phenol-d5                  | 7.398  | 99   | 56944    | 15.745 | ng/ul  | 0.00          |
| 9) Bis-(2-Chloroethyl)eth...  | 7.586  | 67   | 42049    | 18.473 | ng/ul  | 0.00          |
| 11) 2-Chlorophenol-d4         | 7.792  | 132  | 43303    | 17.088 | ng/ul  | 0.00          |
| 15) 4-Methylphenol-d8         | 8.955  | 113  | 33021    | 12.062 | ng/ul  | 0.00          |
| 21) Nitrobenzene-d5           | 9.437  | 128  | 23107    | 19.790 | ng/ul  | 0.00          |
| 24) 2-Nitrophenol-d4          | 10.166 | 143  | 23741    | 18.945 | ng/ul  | 0.00          |
| 28) 2,4-Dichlorophenol-d3     | 10.700 | 165  | 40736    | 16.462 | ng/ul  | 0.00          |
| 31) 4-Chloroaniline-d4        | 11.223 | 131  | 54015    | 15.280 | ng/ul  | 0.00          |
| 46) Dimethylphthalate-d6      | 14.278 | 166  | 149561   | 19.691 | ng/ul  | -0.01         |
| 49) Acenaphthylene-d8         | 14.584 | 160  | 185142   | 19.410 | ng/ul  | 0.00          |
| 54) 4-Nitrophenol-d4          | 15.042 | 143  | 21547    | 14.729 | ng/ul  | -0.01         |
| 60) Fluorene-d10              | 15.871 | 176  | 136650   | 19.969 | ng/ul  | -0.01         |
| 65) 4,6-Dinitro-2-methylph... | 15.977 | 200  | 18130    | 15.428 | ng/ul  | 0.00          |
| 73) Anthracene-d10            | 17.727 | 188  | 199988   | 20.093 | ng/ul  | 0.00          |
| 81) Pyrene-d10                | 20.001 | 212  | 248155   | 20.921 | ng/ul  | 0.00          |
| 92) Benzo(a)pyrene-d12        | 25.119 | 264  | 228040   | 19.485 | ng/ul  | -0.02         |
|                               |        |      |          |        |        |               |
| Target Compounds              |        |      |          |        |        |               |
|                               |        |      |          |        | Qvalue |               |
| 72) Phenanthrene              | 17.669 | 178  | 64744    | 5.505  | ng/ul  | 99            |
| 74) Anthracene                | 17.763 | 178  | 13462m   | 1.156  | ng/ul  | > 10/05/21 JU |
| 80) Fluoranthene              | 19.666 | 202  | 102281   | 6.866  | ng/ul  | 97            |
| 82) Pyrene                    | 20.031 | 202  | 89452    | 6.090  | ng/ul  | 97            |
| 85) Benzo(a)anthracene        | 21.911 | 228  | 47797    | 3.554  | ng/ul  | 97            |
| 86) Bis(2-ethylhexyl)phtha... | 21.799 | 149  | 23351    | 3.001  | ng/ul  | 97            |
| 87) Chrysene                  | 21.975 | 228  | 46258m   | 3.589  | ng/ul  | > 10/05/21 JU |
| 90) Benzo(b)fluoranthene      | 24.261 | 252  | 55398    | 3.908  | ng/ul# | 97            |
| 91) Benzo(k)fluoranthene      | 24.320 | 252  | 15132m   | 1.147  | ng/ul  | > 10/05/21 JU |
| 93) Benzo(a)pyrene            | 25.189 | 252  | 36725    | 2.715  | ng/ul# | 90            |
| 94) Indeno(1,2,3-cd)pyrene    | 29.273 | 276  | 23162m   | 1.525  | ng/ul  | > 10/05/21 JU |
| 96) Benzo(g,h,i)perylene      | 30.507 | 276  | 19924m   | 1.556  | ng/ul  | > 10/05/21 JU |

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