

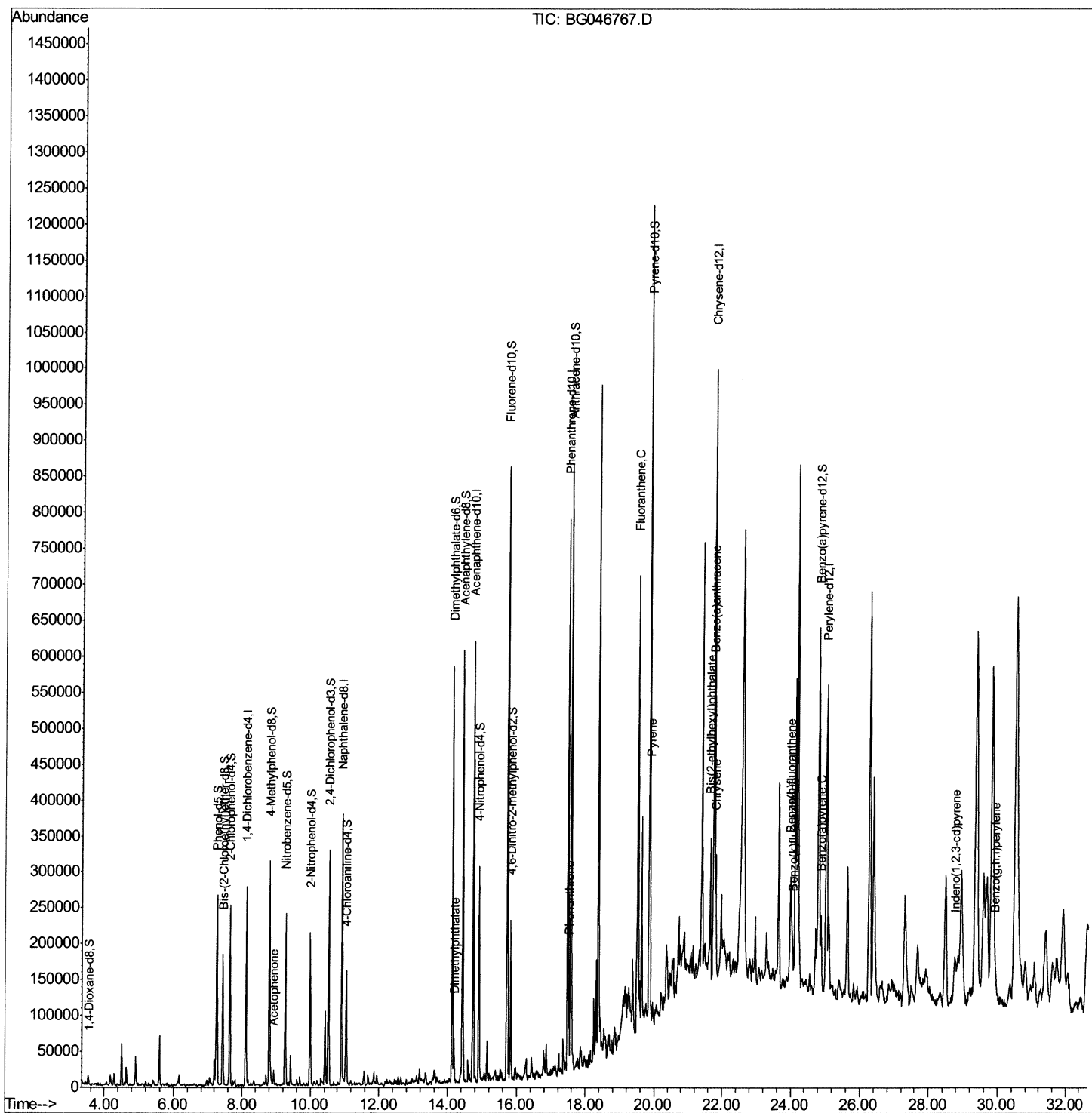
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\  
Data File : BG046767.D  
Acq On : 3 Oct 2020 11:49  
Operator : CG/JU  
Sample : L4150-15  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB7K1

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:19:51 AM

Quant Time: Oct 05 01:29:49 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Oct 05 00:58:20 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

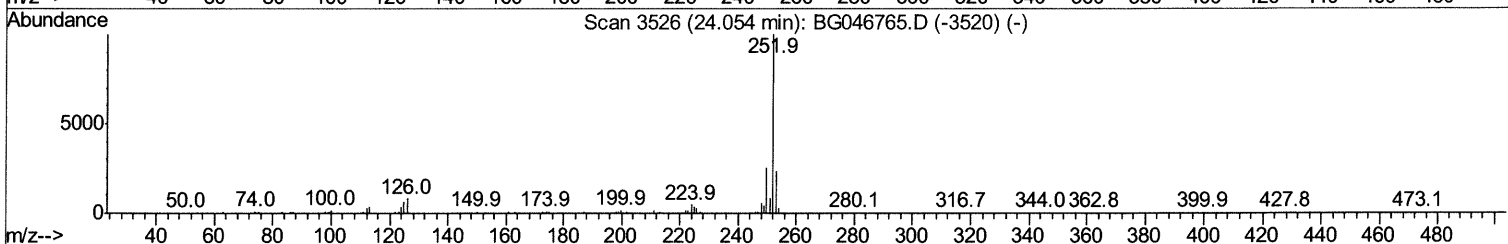
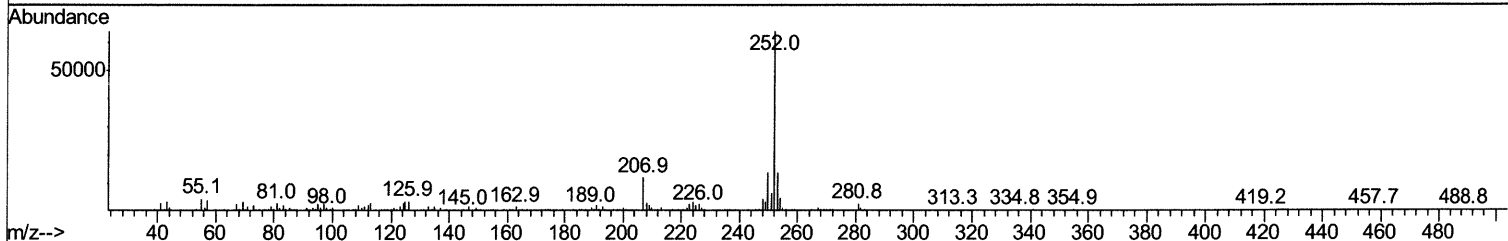
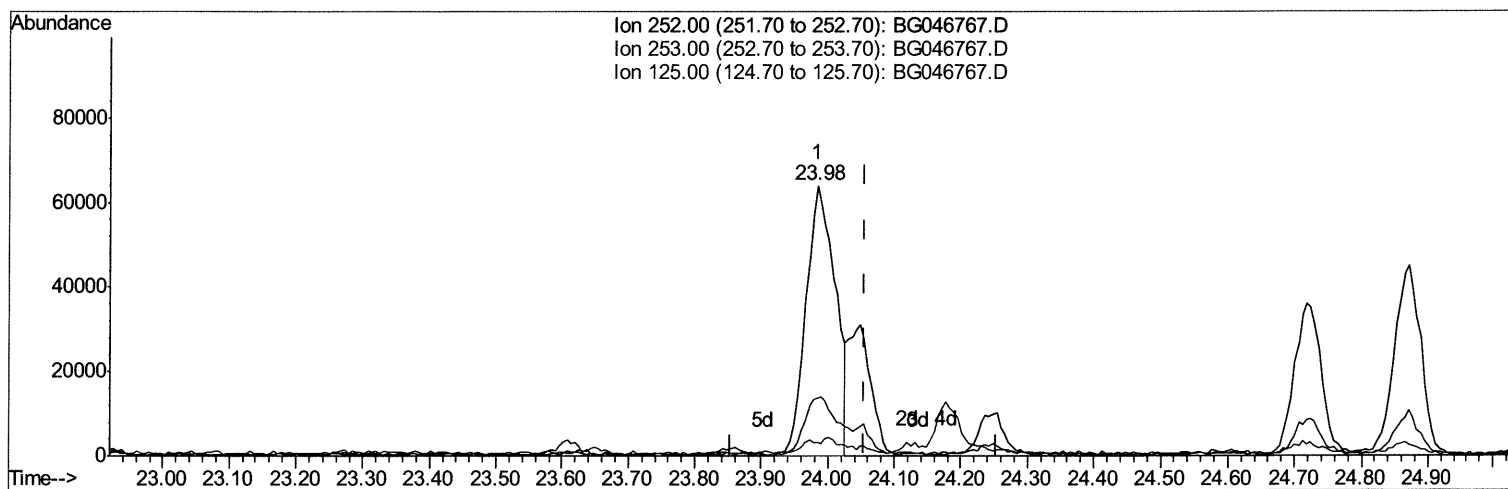
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TIC: BG046767.D

(89) Benzo(k)fluoranthene

23.984min (-0.070) 6.28ng/ul

response 196932

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.10 | 21.17 |
| 125.00 | 6.00  | 5.03  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

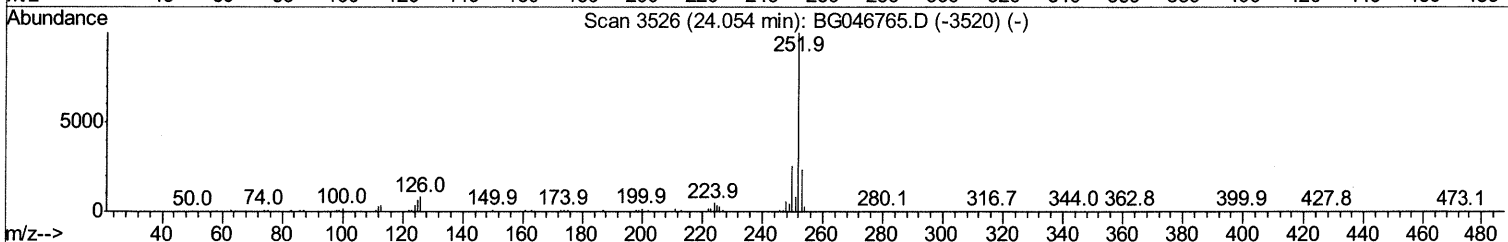
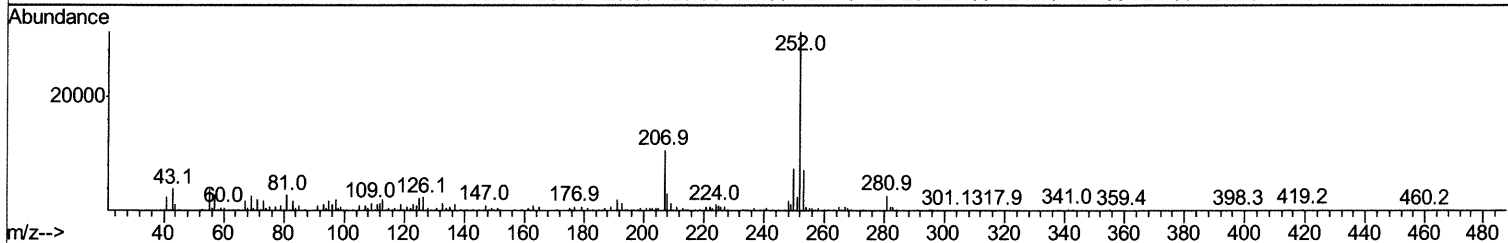
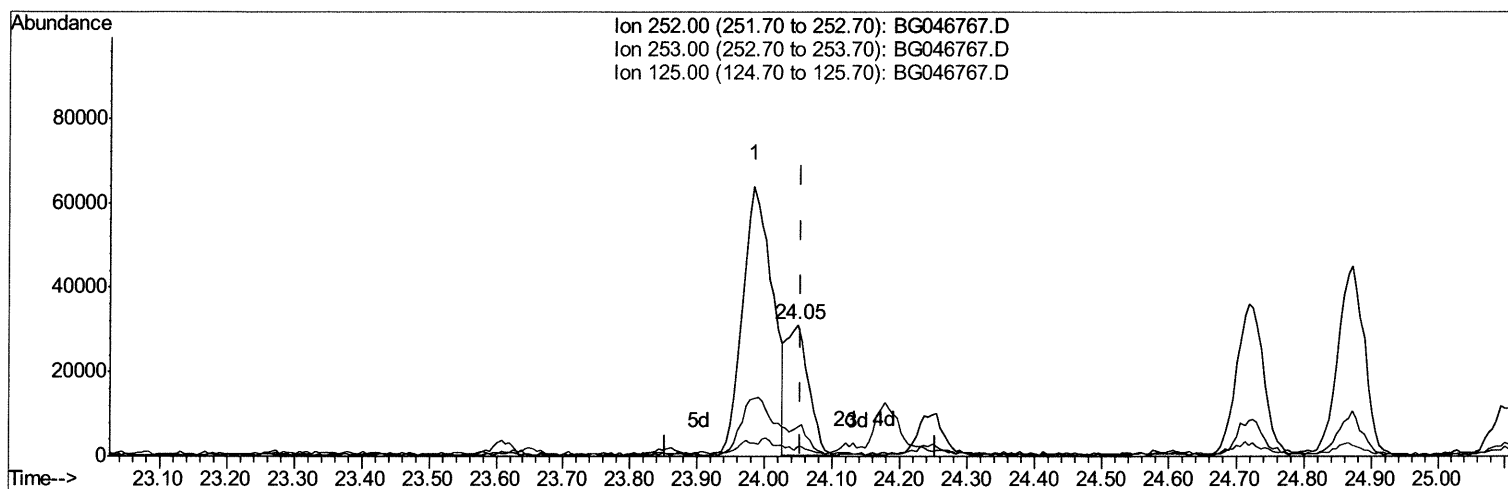
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Manual Integrations  
APPROVED

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration



TIC: BG046767.D

(89) Benzo(k)fluoranthene

24.048min (-0.006) 2.24ng/ul m 10/06/20 JU

response 70431

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.10 | 22.75 |
| 125.00 | 6.00  | 7.61# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

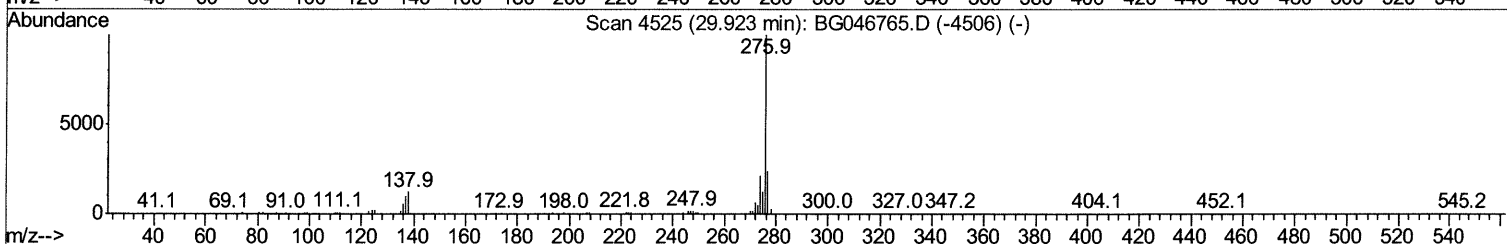
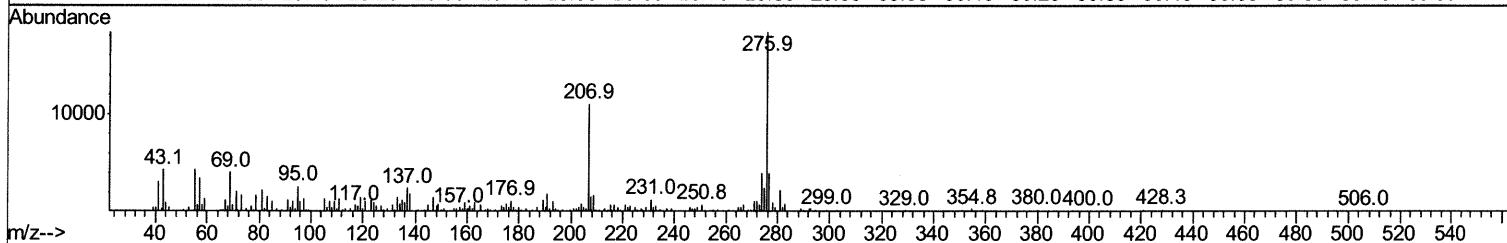
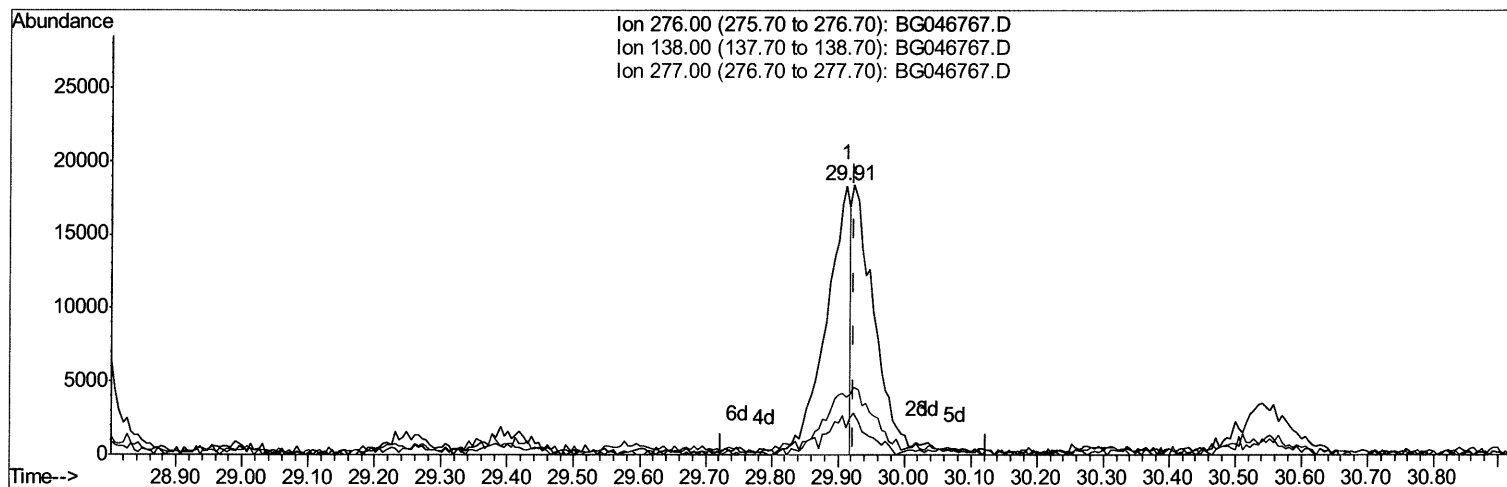
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\  
Data File : BG046767.D  
Acq On : 3 Oct 2020 11:49  
Operator : CG/JU  
Sample : L4150-15  
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ALS Vial : 35 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
APPROVED

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TIC: BG046767.D

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

29.912min (-0.011) 1.56ng/ul

response 47215

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 12.80 | 10.14# |
| 277.00 | 23.80 | 21.61  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

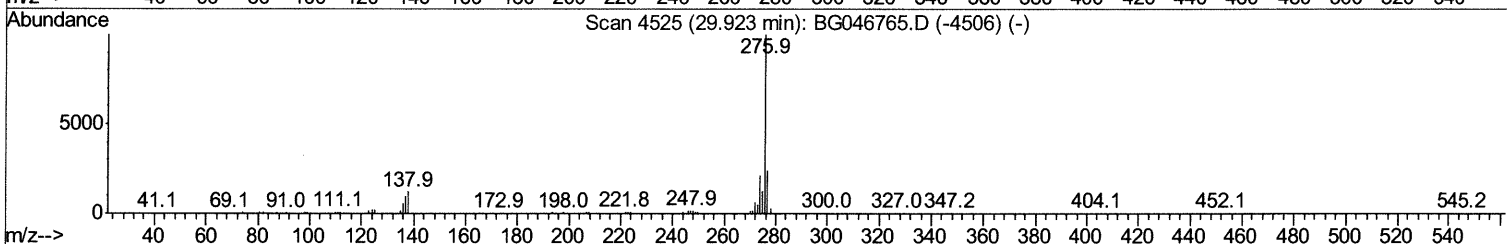
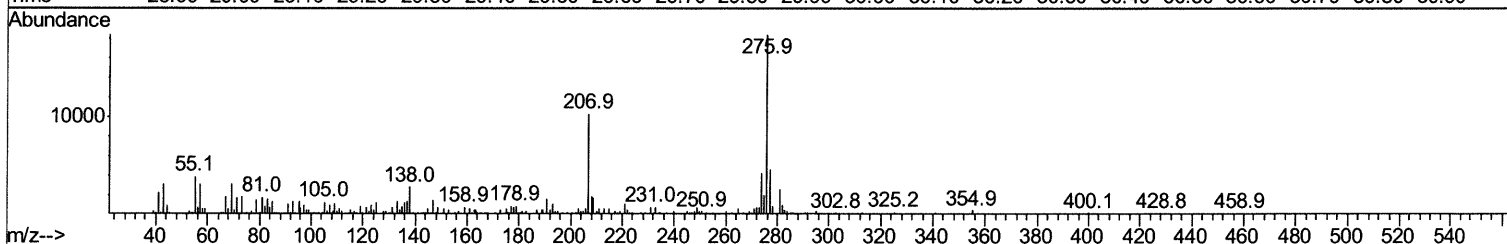
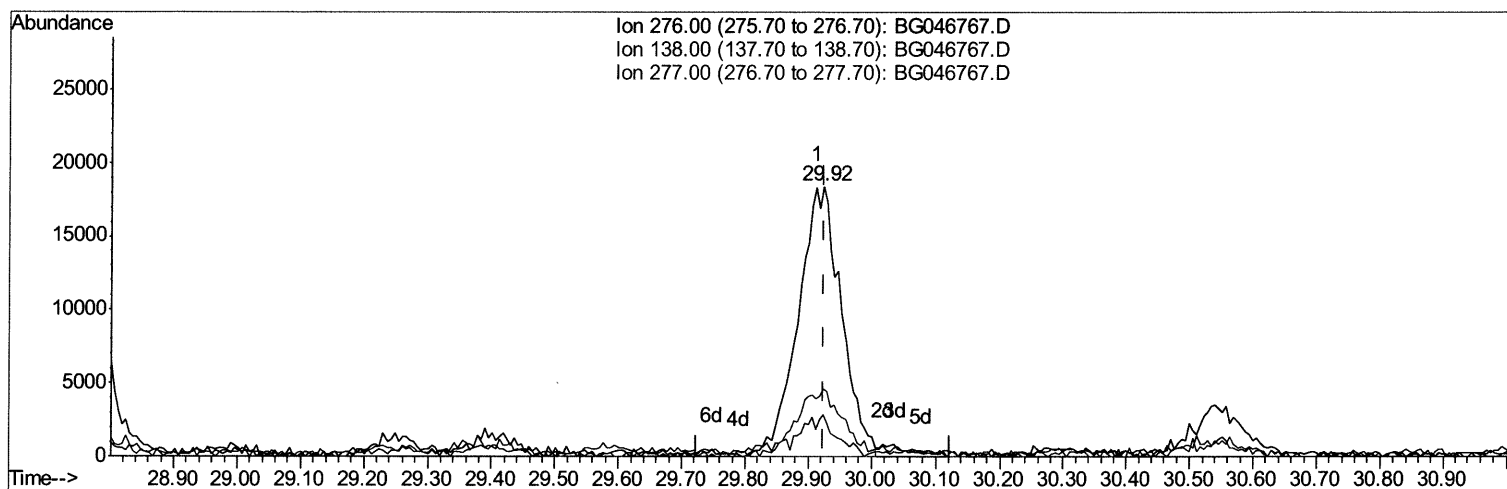
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Data File : BG046767.D  
Acq On : 3 Oct 2020 11:49  
Operator : CG/JU  
Sample : L4150-15  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB7K1

Manual Integrations  
APPROVED

mohammad  
10/5/2020 10:19:51 AM

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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration



TIC: BG046767.D

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

29.924min (+0.000) 2.89ng/ul m 10/06/20 JU

response 87255

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 12.80 | 15.63# |
| 277.00 | 23.80 | 25.13  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\  
 Data File : BG046767.D  
 Acq On : 3 Oct 2020 11:49  
 Operator : CG/JU  
 Sample : L4150-15  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB7K1

Manual Integrations  
 APPROVED

mohammad  
 10/5/2020 10:19:51 AM

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 05 00:58:20 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 74307    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.92 | 136  | 304466   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.74 | 164  | 216632   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.47 | 188  | 492998   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.75 | 240  | 487044   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.02 | 264  | 487901   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.54  | 96  | 7128   | 4.71  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.26  | 99  | 137066 | 21.55 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 83058  | 21.41 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.64  | 132 | 102374 | 22.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.80  | 113 | 111244 | 22.37 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.27  | 128 | 52555  | 23.06 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.99  | 143 | 62248  | 26.88 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.53 | 165 | 120040 | 22.03 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.05 | 131 | 80488  | 12.43 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.13 | 166 | 383619 | 23.18 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.43 | 160 | 447038 | 22.74 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.90 | 143 | 67596  | 23.95 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.72 | 176 | 346793 | 22.72 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.82 | 200 | 54124  | 21.97 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.57 | 188 | 471415 | 20.84 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.85 | 212 | 595654 | 23.57 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.80 | 264 | 599070 | 22.78 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |       | Ovalue |             |
|--------------------------------|-------|-----|---------|-------|--------|-------------|
| 14) Acetophenone               | 8.93  | 105 | 10237   | 1.270 | ng/ul# | 81          |
| 45) Dimethylphthalate          | 14.18 | 163 | 35472   | 2.117 | ng/ul  | 97          |
| 70) Phenanthrene               | 17.51 | 178 | 80426   | 2.984 | ng/ul  | 97          |
| 77) Fluoranthene               | 19.52 | 202 | 194783  | 6.086 | ng/ul# | 95          |
| 80) Pvrene                     | 19.88 | 202 | 184716  | 5.901 | ng/ul  | 96          |
| 83) Benzo(a)anthracene         | 21.73 | 228 | 120259  | 3.774 | ng/ul  | 98          |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 73291   | 4.517 | ng/ul  | 92          |
| 85) Chrysene                   | 21.80 | 228 | 127388  | 4.121 | ng/ul  | 97          |
| 88) Benzo(b)fluoranthene       | 23.98 | 252 | 196932  | 6.118 | ng/ul  | 97          |
| 89) Benzo(k)fluoranthene       | 24.05 | 252 | 70431m> | 2.245 | ng/ul> | 10/08/20 JU |
| 91) Benzo(a)pyrene             | 24.87 | 252 | 122452  | 4.165 | ng/ul  | 96          |
| 92) Indeno(1,2,3-cd)pyrene     | 28.75 | 276 | 100612  | 2.789 | ng/ul# | 93          |
| 94) Benzo(a,h,i)perylene       | 29.92 | 276 | 87255m> | 2.887 | ng/ul> | 10/08/20 JU |

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