

(LSC Reviewed)

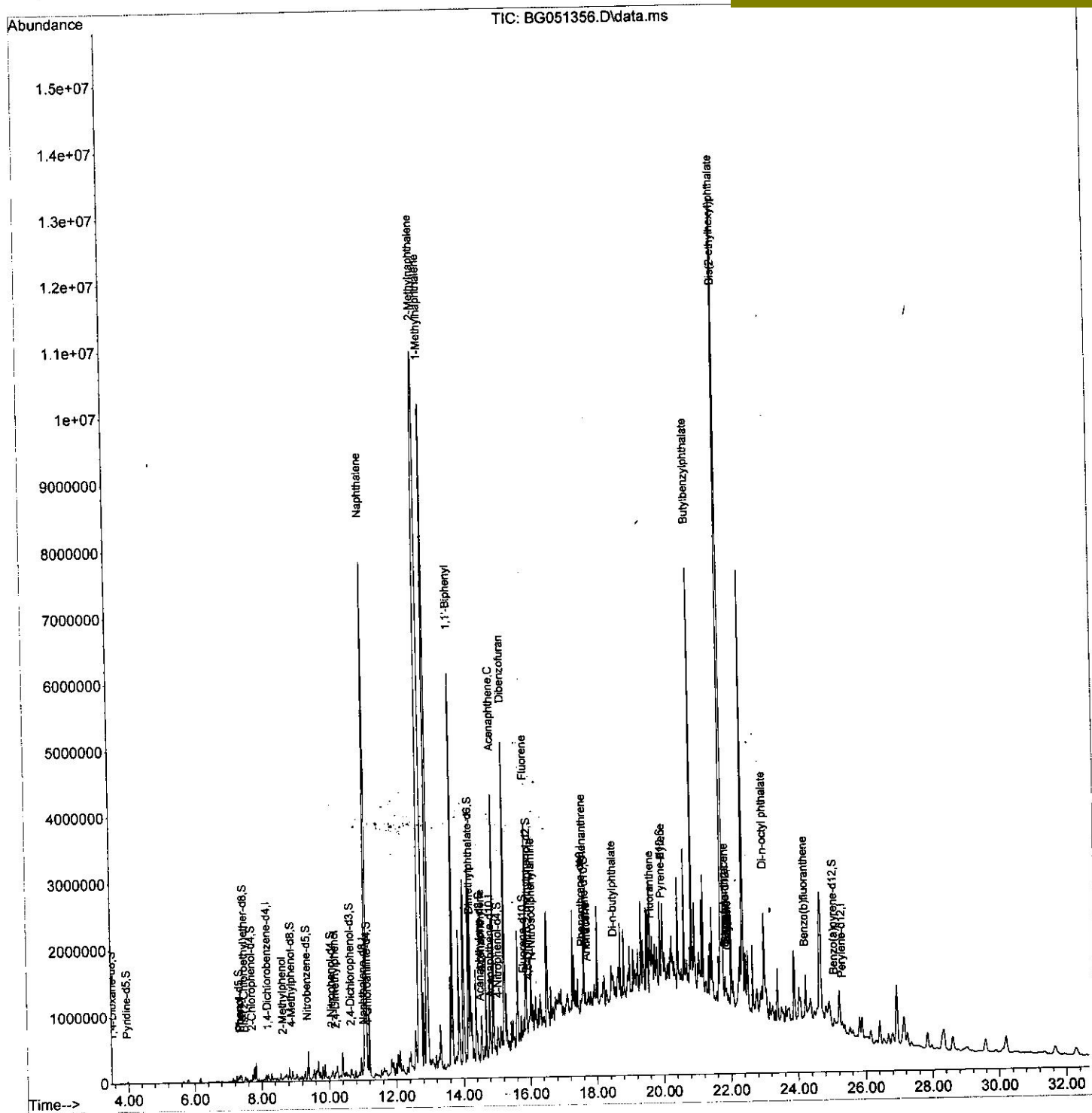
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\  
Data File : BG051356.D  
Acq On    : 6 Dec 2021 19:04  
Operator   : CG/JU  
Sample     : M4942-01  
Misc       :  
ALS Vial   : 13 Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
BGKP9

Quant Time: Dec 06 23:59:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



Quantitation Report (Qedit)

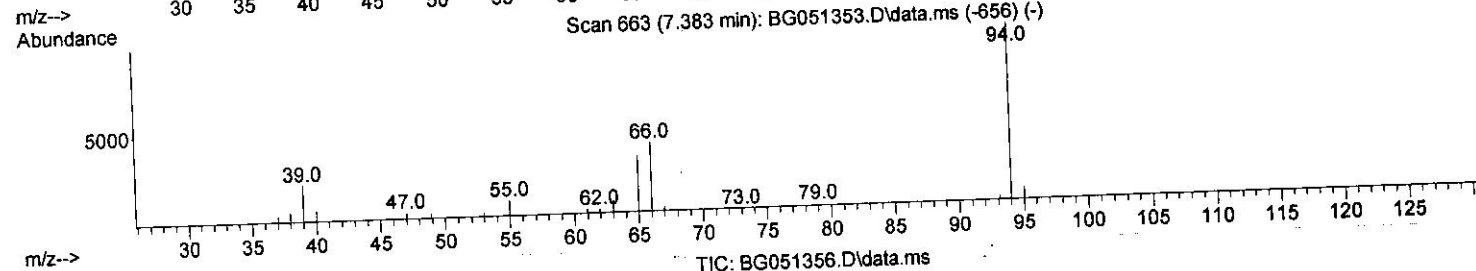
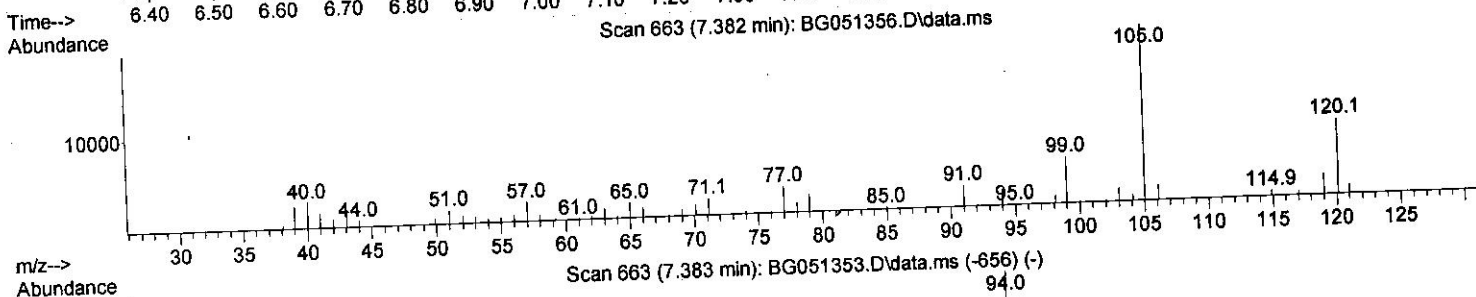
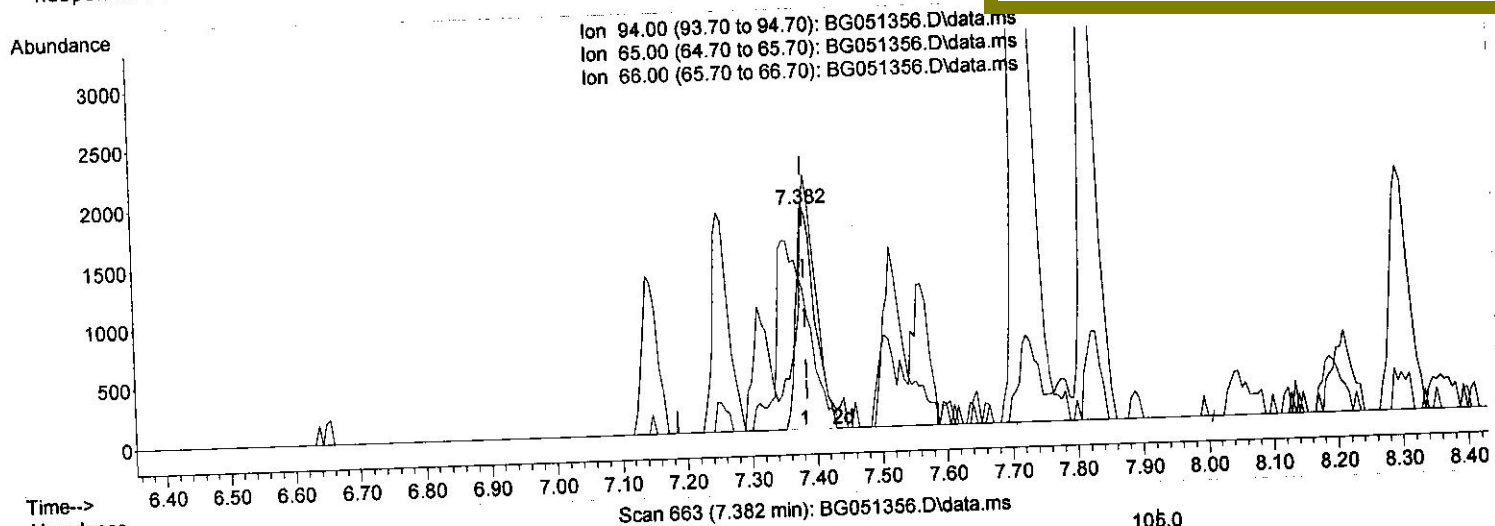
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(8) Phenol

7.382min (-0.004) 1.27 ng/ul

response 3850

| Ion | Exp% | Act% |
|-------|--------|--------|
| 94.00 | 100.00 | 100.00 |
| 65.00 | 31.40 | 95.11# |
| 66.00 | 39.50 | 64.46# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

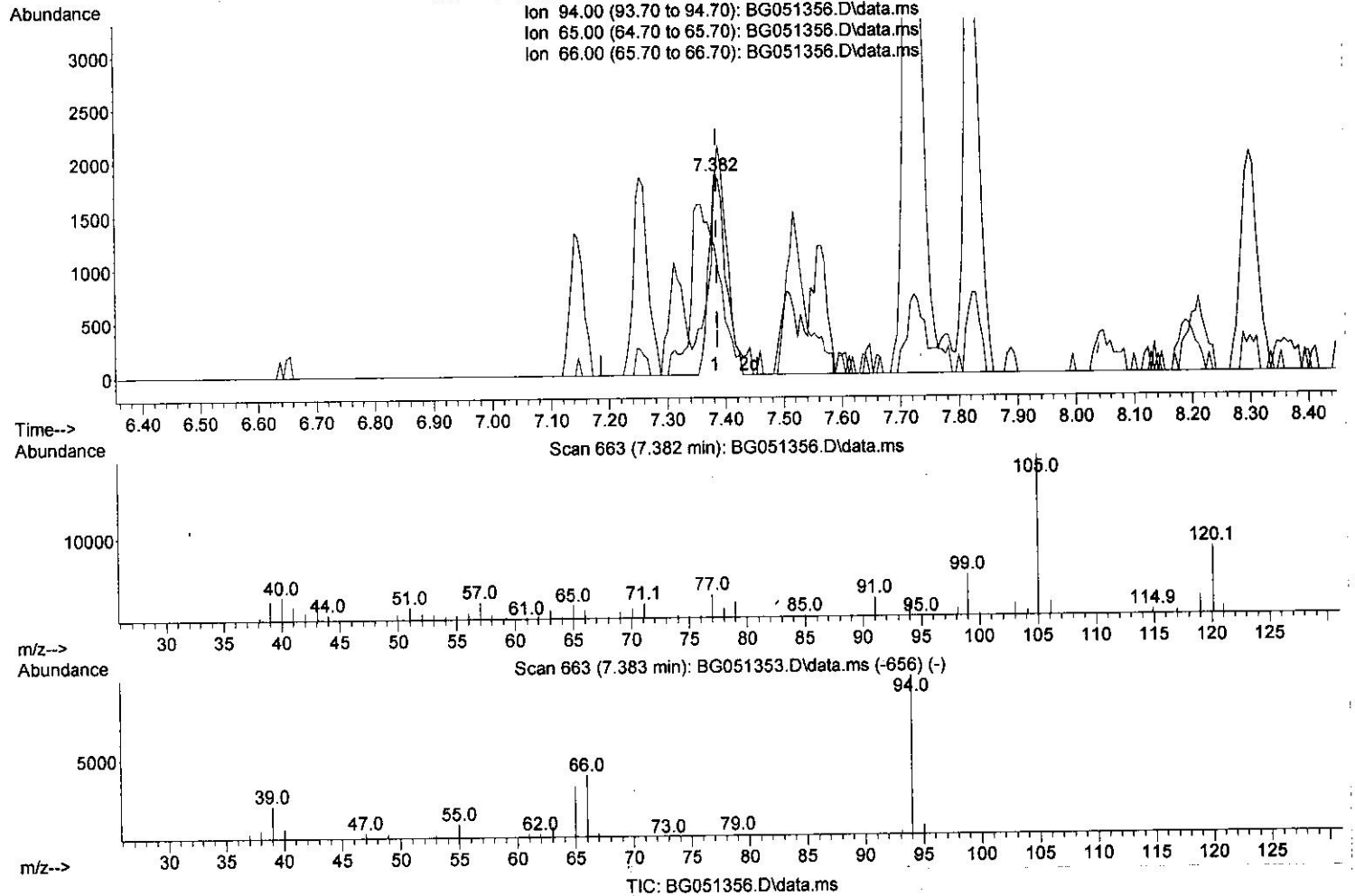
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(8) Phenol

7.382min (-0.004) 1.31 ng/ul m 3.1424

response 4000

| Ion | Exp% | Act% |
|-------|--------|--------|
| 94.00 | 100.00 | 100.00 |
| 65.00 | 31.40 | 95.11# |
| 66.00 | 39.50 | 64.46# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

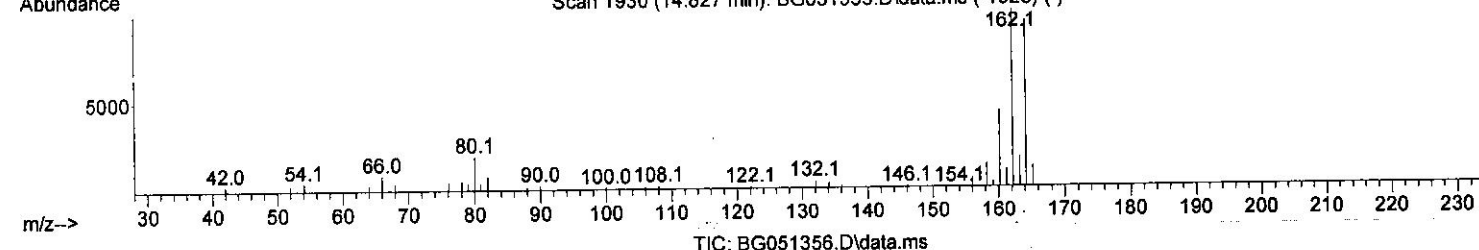
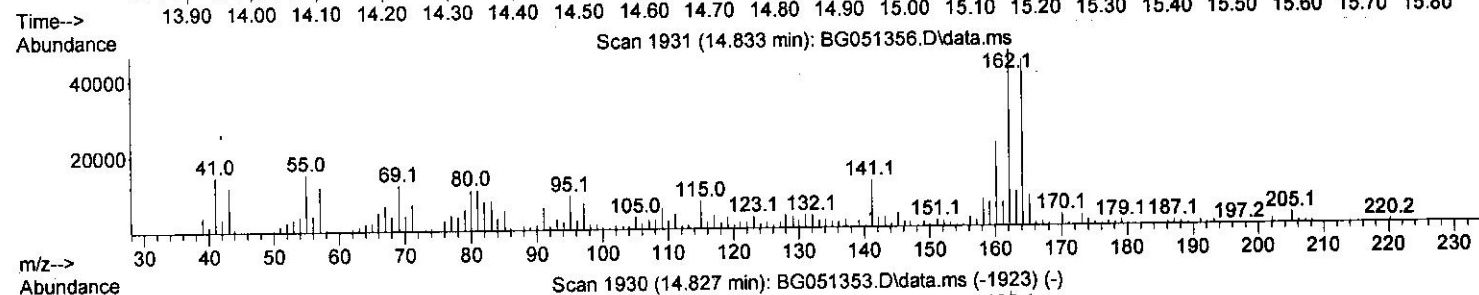
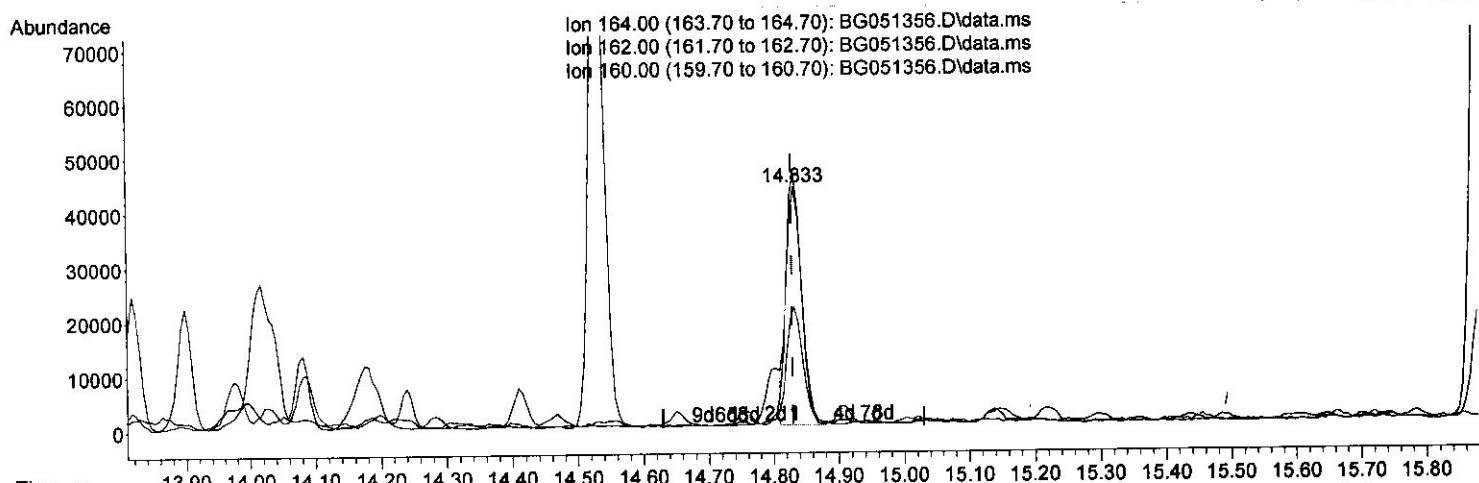
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(38) Acenaphthene-d10 (I)

14.833min (+ 0.002) 20.00 ng/ul

response 72003

| Ion | Exp% | Act% |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 162.00 | 104.50 | 106.11 |
| 160.00 | 44.60 | 50.15 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

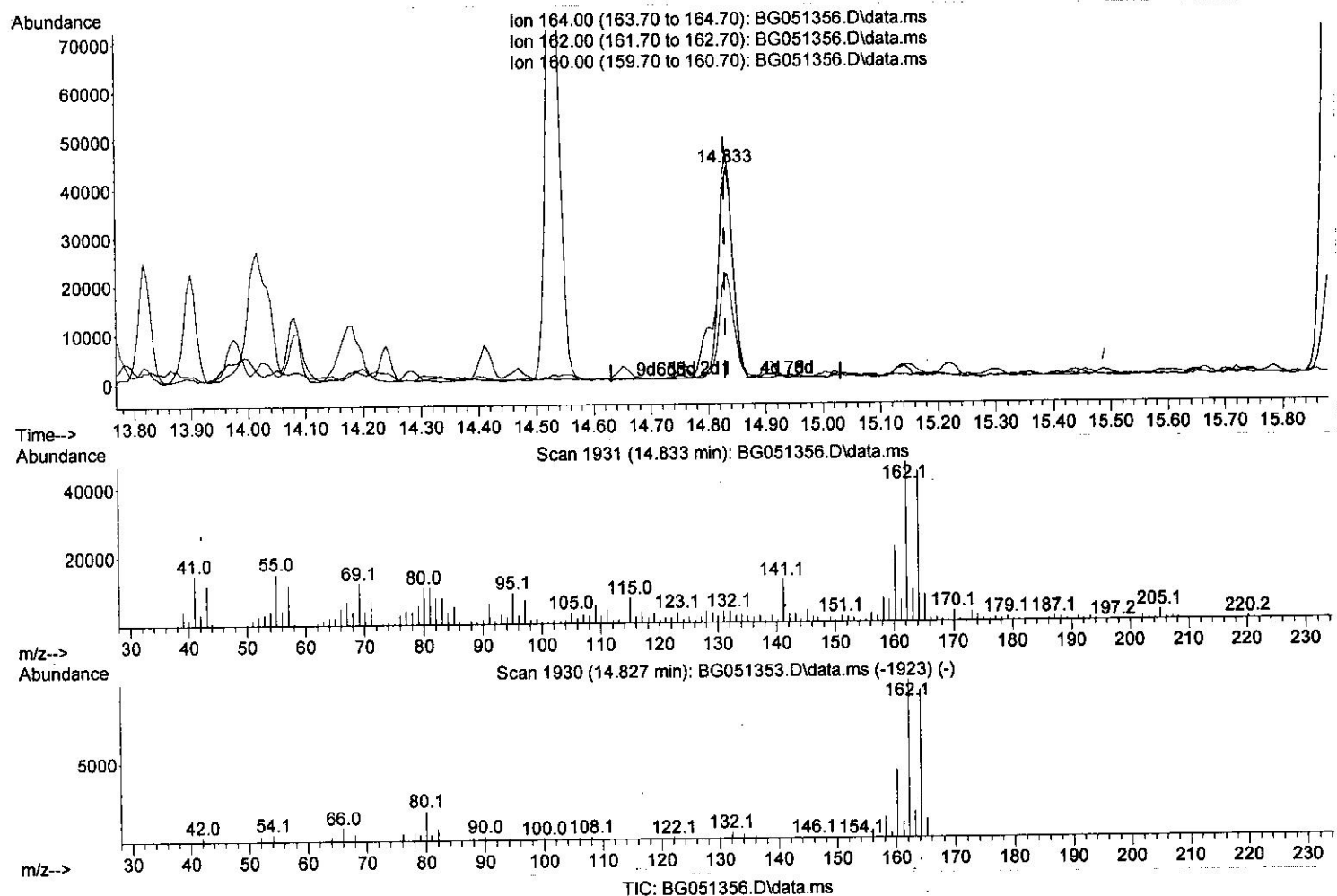
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 Sample : M4942-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 Client Sampled :
 BGKP9

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(38) Acenaphthene-d10 (I)

14.833min (+ 0.002) 20.00 ng/ul m 3 12/24/21

response 88109

| Ion | Exp% | Act% |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 162.00 | 104.50 | 106.11 |
| 160.00 | 44.60 | 50.15 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

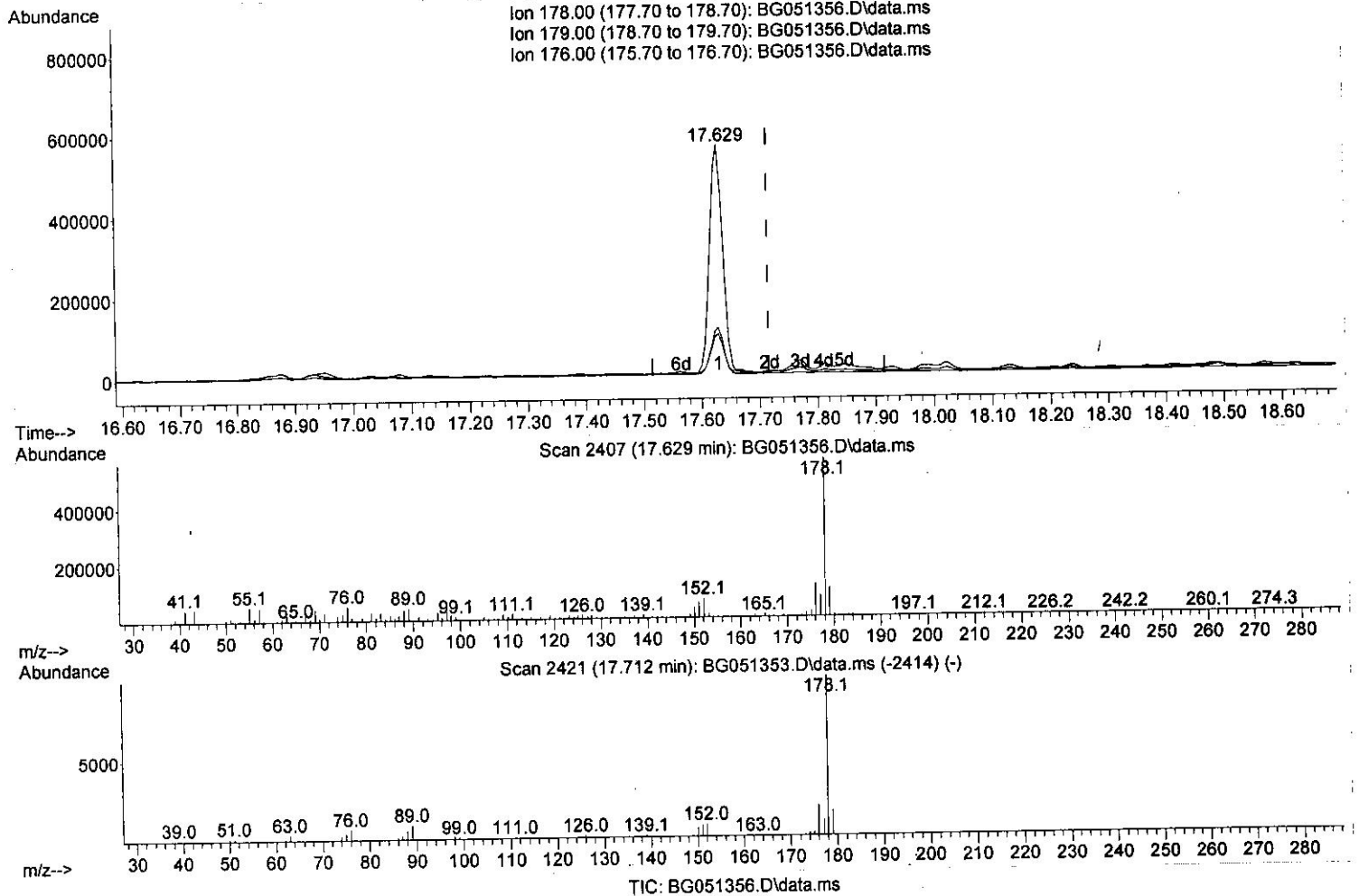
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(74) Anthracene

17.629min (-0.086) 109.31 ng/ul

response 890084

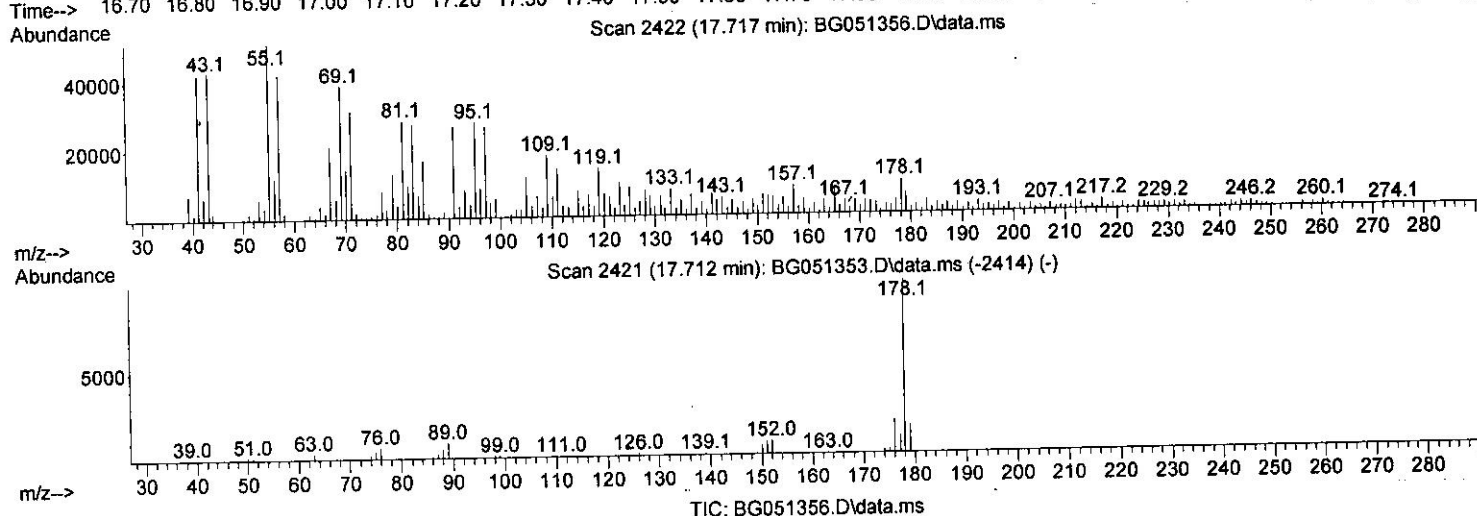
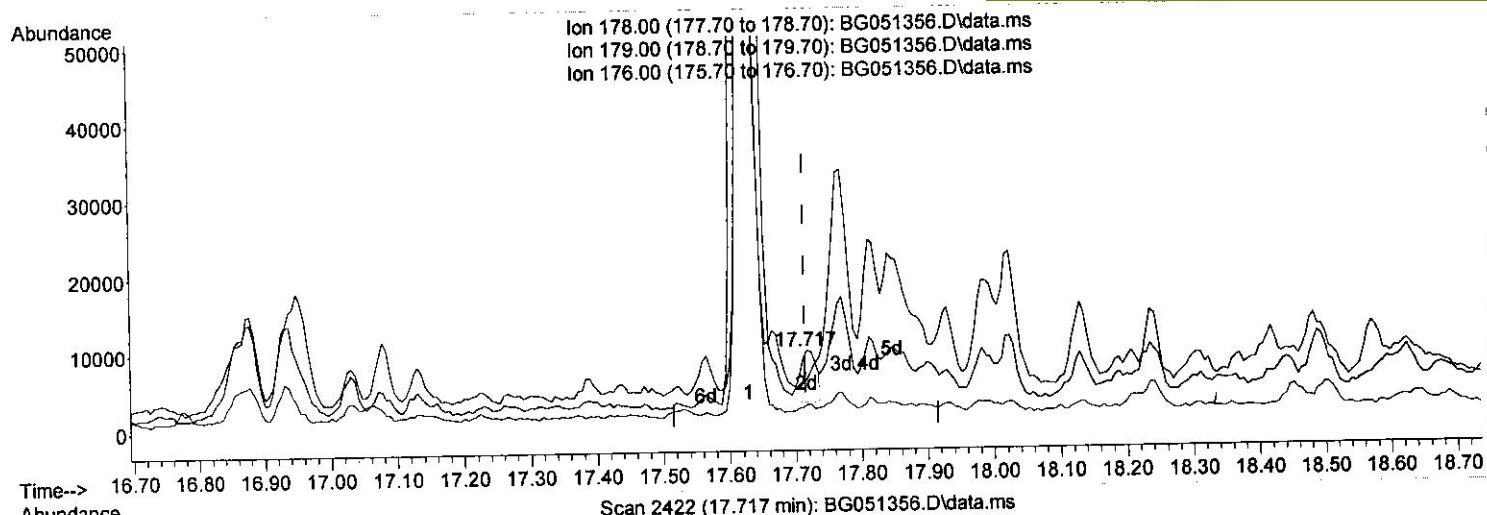
| Ion | Exp% | Act% |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 16.30 | 17.91 |
| 176.00 | 19.50 | 20.74 |
| 0.00 | 0.00 | 0.00 |

```
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Data File : BG051356.D  
Acq On    : 6 Dec 2021 19:04  
Operator  : CG/JU  
Sample    : M4942-01  
Misc      :  
ALS Vial  : 13 Sample Multiplier: 1
```

Manual IntegrationsAPPROVED

Quant Time: Dec 06 23:59:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



(74) Anthracene

17.717min (+ 0.002)

response 11645

| Ion | Exp% | Act% |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 16.30 | 61.06# |
| 176.00 | 19.50 | 26.74# |
| 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 | 8.193 | 152 | 29723 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.031 | 136 | 124896 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.833 | 164 | 88109m | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.582 | 188 | 148495 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.889 | 240 | 137554 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 25.314 | 264 | 141903 | 20.000 | ng/ul | 0.03 |

| | | | | | | |
|-------------------------------|--------|-----|--------|--------|-------|-------|
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.528 | 96 | 2445 | 2.859 | ng/uL | -0.02 |
| 4) Pyridine-d5 | 3.969 | 84 | 19520 | 7.777 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.359 | 99 | 58638 | 19.961 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.506 | 67 | 41710 | 22.607 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.723 | 132 | 43732 | 20.673 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.910 | 113 | 48021 | 20.257 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.374 | 128 | 24986 | 23.699 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.097 | 143 | 26970 | 22.677 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.661 | 165 | 44319 | 21.963 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.166 | 131 | 26726 | 9.052 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.227 | 166 | 126913 | 18.720 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.527 | 160 | 167911 | 19.641 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.062 | 143 | 18150 | 16.539 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.826 | 176 | 110016 | 18.021 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.961 | 200 | 14207 | 15.505 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.682 | 188 | 166023 | 23.377 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.968 | 212 | 186596 | 22.419 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.079 | 264 | 171221 | 22.593 | ng/ul | 0.04 |

| | | | | | | |
|-------------------------------|--------|-----|----------|----------|--------|-----|
| Target Compounds | | | | Qvalue | | |
| 8) Phenol | 7.382 | 94 | 4000m | 1.314 | ng/ul | |
| 13) 2-Methylphenol | 8.640 | 108 | 11351 | 5.008 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 10.214 | 107 | 31741 | 12.603 | ng/ul# | 93 |
| 30) Naphthalene | 11.119 | 128 | 7425825 | 1092.701 | ng/ul# | 65 |
| 36) 2-Methylnaphthalene | 12.770 | 142 | 12088089 | 2615.084 | ng/ul | 91 |
| 37) 1-Methylnaphthalene | 12.964 | 142 | 6407980 | 1347.448 | ng/ul# | 96 |
| 43) 1,1'-Biphenyl | 13.687 | 154 | 3141746 | 477.406 | ng/ul# | 85 |
| 50) Acenaphthylene | 14.556 | 152 | 28707 | 3.399 | ng/ul# | 6 |
| 52) Acenaphthene | 14.909 | 153 | 1585609 | 284.662 | ng/ul | 93 |
| 56) Dibenzofuran | 15.250 | 168 | 3076225 | 382.885 | ng/ul# | 76 |
| 61) Fluorene | 15.890 | 166 | 1515536 | 235.495 | ng/ul# | 98 |
| 67) N-Nitrosodiphenylamine | 16.078 | 169 | 42593 | 10.019 | ng/ul# | 68 |
| 72) Phenanthrene | 17.629 | 178 | 890084 | 108.560 | ng/ul | 96 |
| 74) Anthracene | 17.717 | 178 | 11645m | 1.430 | ng/ul | |
| 78) Di-n-butylphthalate | 18.517 | 149 | 90073 | 9.774 | ng/ul# | 91 |
| 80) Fluoranthene | 19.633 | 202 | 157353 | 15.393 | ng/ul# | 95 |
| 82) Pyrene | 19.991 | 202 | 113472 | 11.347 | ng/ul# | 88 |
| 83) Butylbenzylphthalate | 20.867 | 149 | 1946475 | 468.214 | ng/ul# | 93 |
| 85) Benzo(a)anthracene | 21.871 | 228 | 10148 | 1.088 | ng/ul# | 48 |
| 86) Bis(2-ethylhexyl)phtha... | 21.777 | 149 | 7333240 | 1225.842 | ng/ul# | 55 |
| 87) Chrysene | 21.942 | 228 | 20048 | 2.237 | ng/ul# | 66 |
| 89) Di-n-octyl phthalate | 23.005 | 149 | 1771067 | 172.276 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.222 | 252 | 12236 | 1.278 | ng/ul# | 1 |