

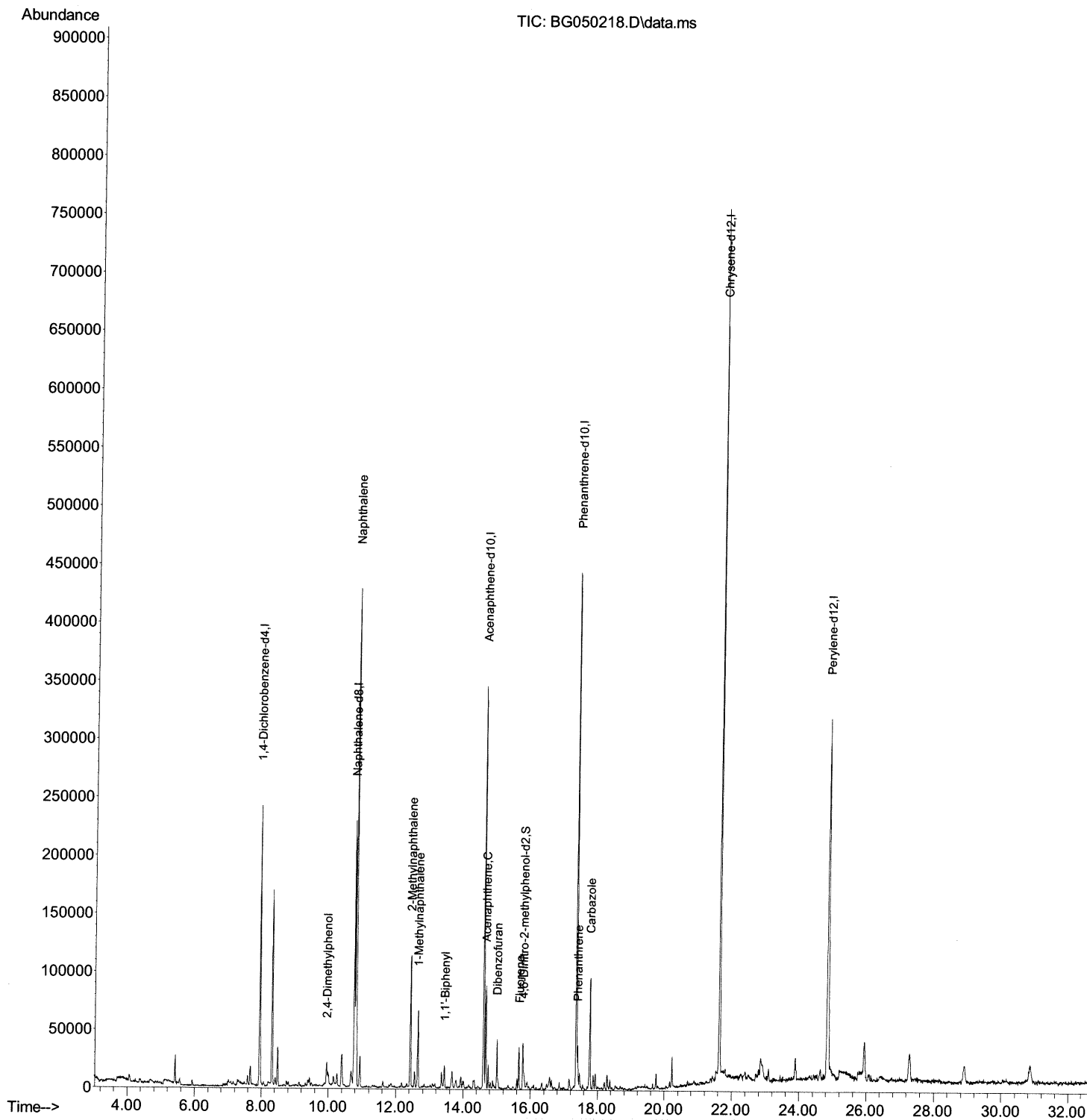
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
Data File : BG050218.D  
Acq On : 9 Sep 2021 4:21  
Operator : CG/JU  
Sample : M3608-02DL2 100X  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBKJ8DL2

Manual Integrations  
APPROVED

mohammad  
9/9/2021 11:47:15 AM

Quant Time: Sep 09 05:21:53 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 07 18:32:38 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

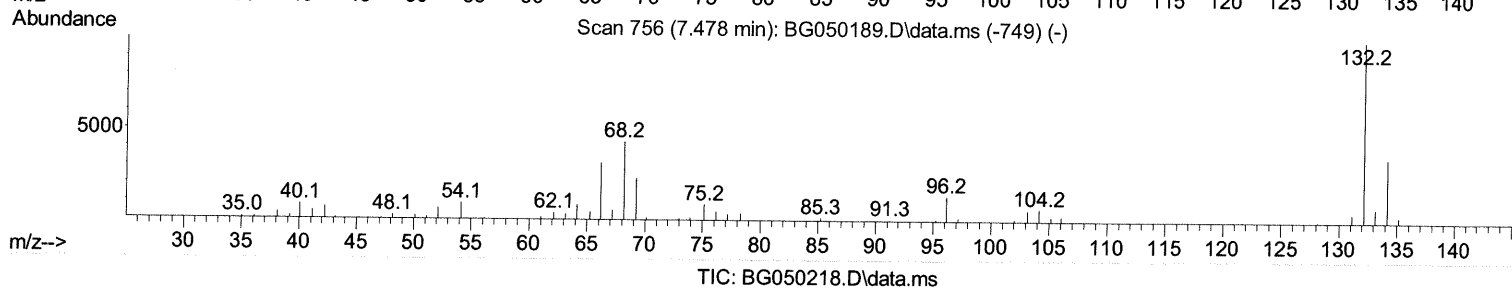
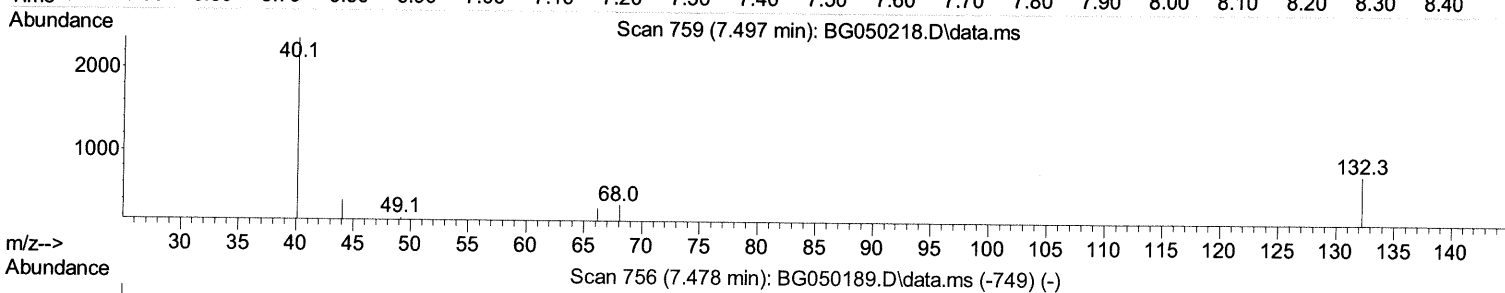
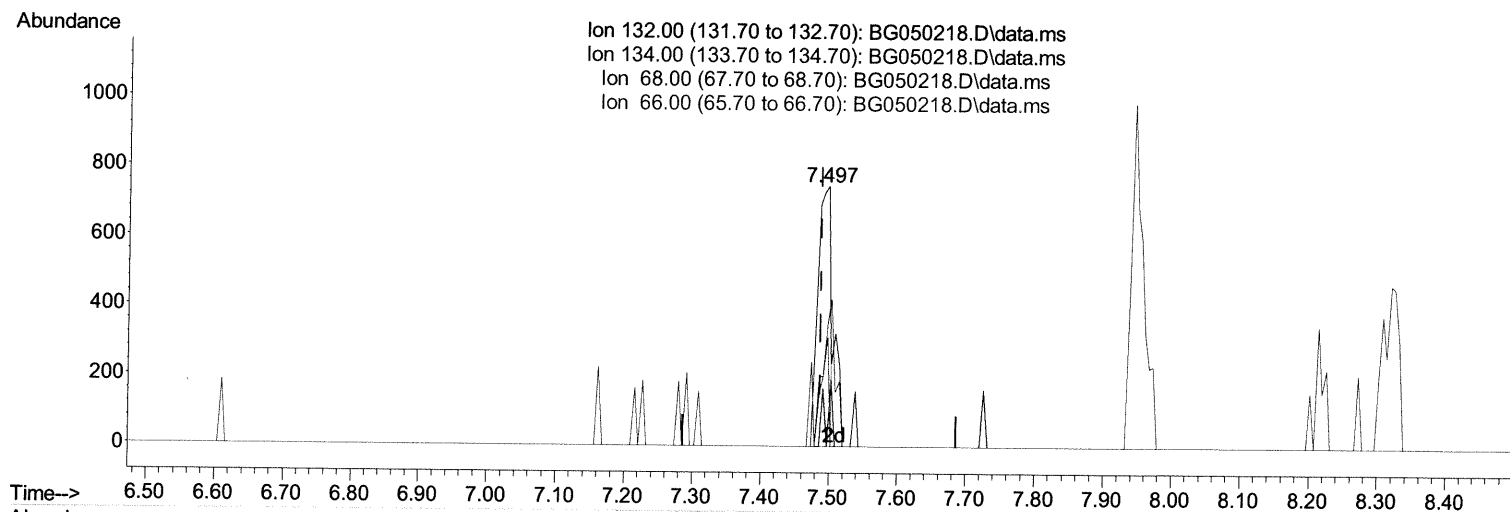
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(11) 2-Chlorophenol-d4 (S)

7.497min (+ 0.010) 0.23 ng/ul

response 959

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 132.00 | 100.00 | 100.00 |
| 134.00 | 38.10  | 0.00#  |
| 68.00  | 48.30  | 47.26  |
| 66.00  | 31.40  | 42.17# |

# Quantitation Report (Qedit)

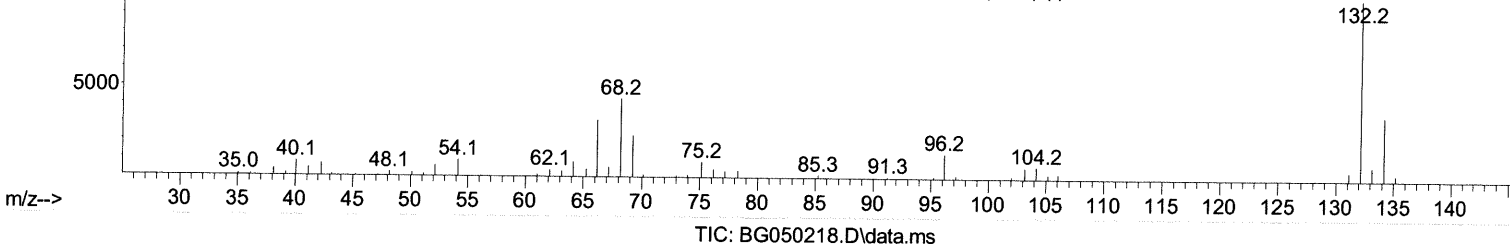
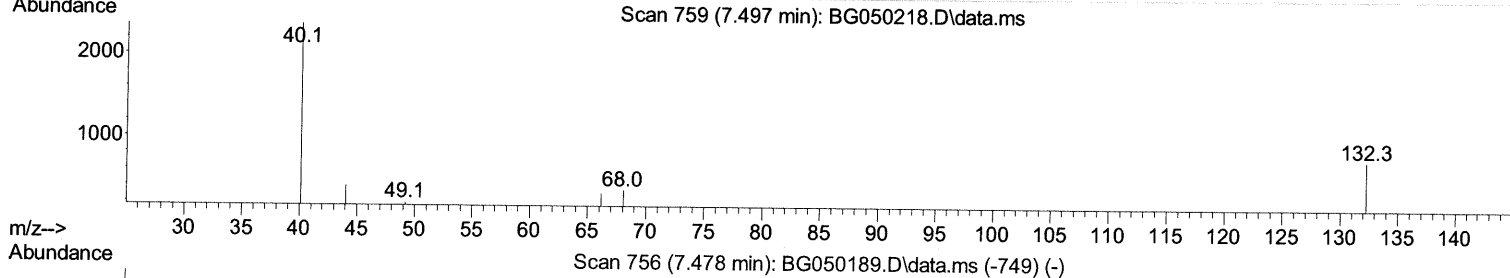
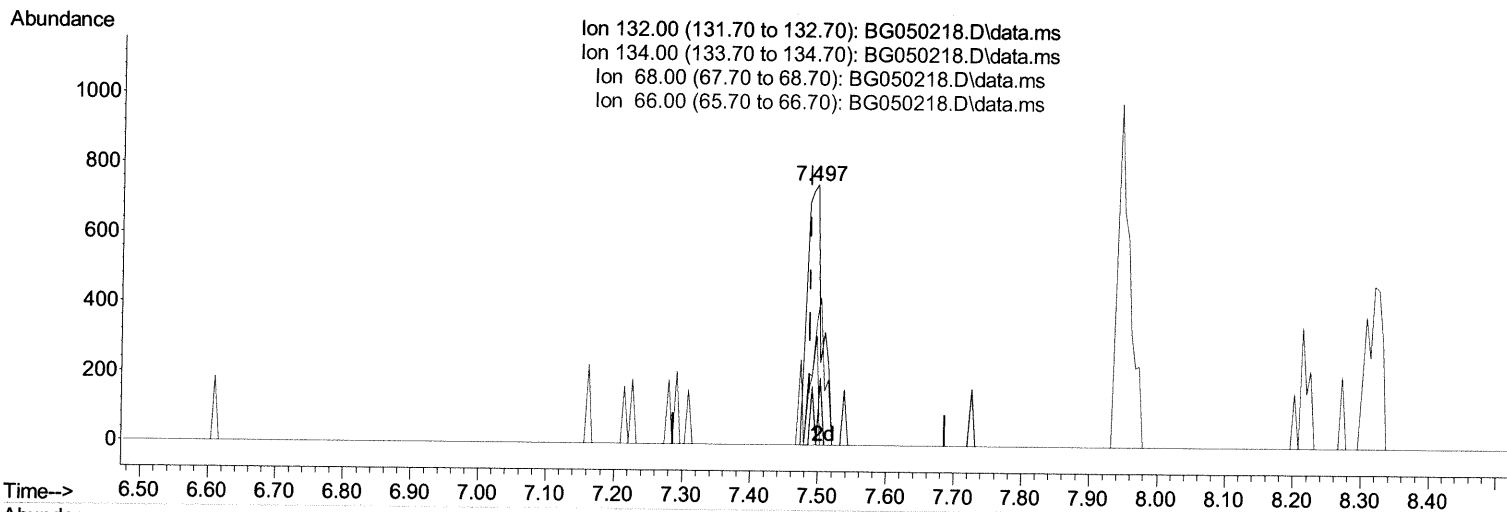
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
 Data File : BG050218.D  
 Acq On : 9 Sep 2021 4:21  
 Operator : CG/JU  
 Sample : M3608-02DL2 100X  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_G  
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Manual Integrations  
 APPROVED

mohammad  
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(11) 2-Chlorophenol-d4 (S)

7.497min (+ 0.010) 0.28 ng/ul m *09/10/21 JU*

response 1155

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 132.00 | 100.00 | 100.00 |
| 134.00 | 38.10  | 0.00#  |
| 68.00  | 48.30  | 47.26  |
| 66.00  | 31.40  | 42.17# |

# Quantitation Report (Qedit)

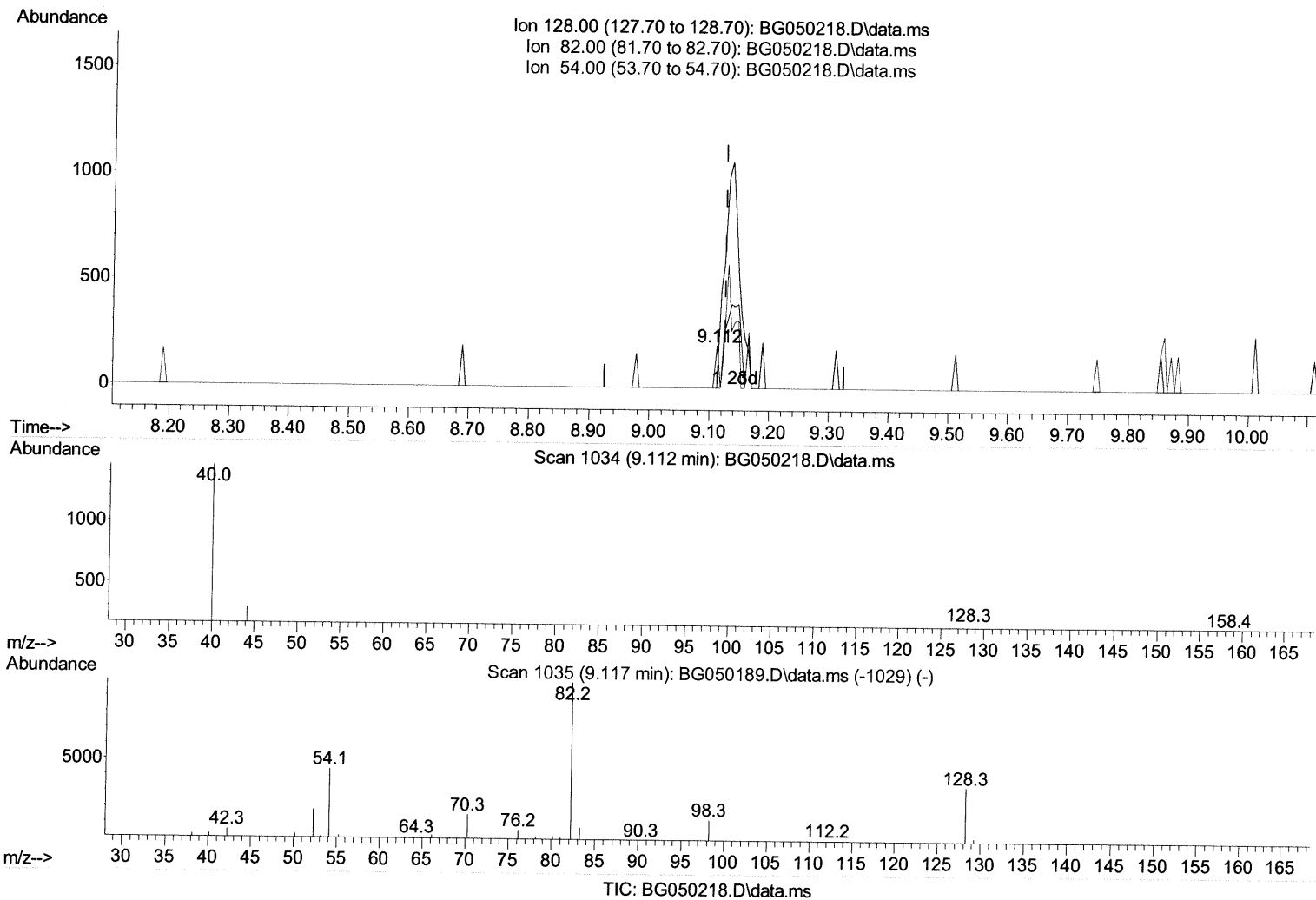
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
 Data File : BG050218.D  
 Acq On : 9 Sep 2021 4:21  
 Operator : CG/JU  
 Sample : M3608-02DL2 100X  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBKJ8DL2

Manual Integrations  
 APPROVED

mohammad  
 9/9/2021 11:47:15 AM

Quant Time: Sep 09 05:21:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
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 Response via : Initial Calibration



(21) Nitrobenzene-d5 (S)

9.112min (-0.013) 0.05 ng/ul

response 69

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 82.00  | 299.30 | 0.00#  |
| 54.00  | 144.60 | 0.00#  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

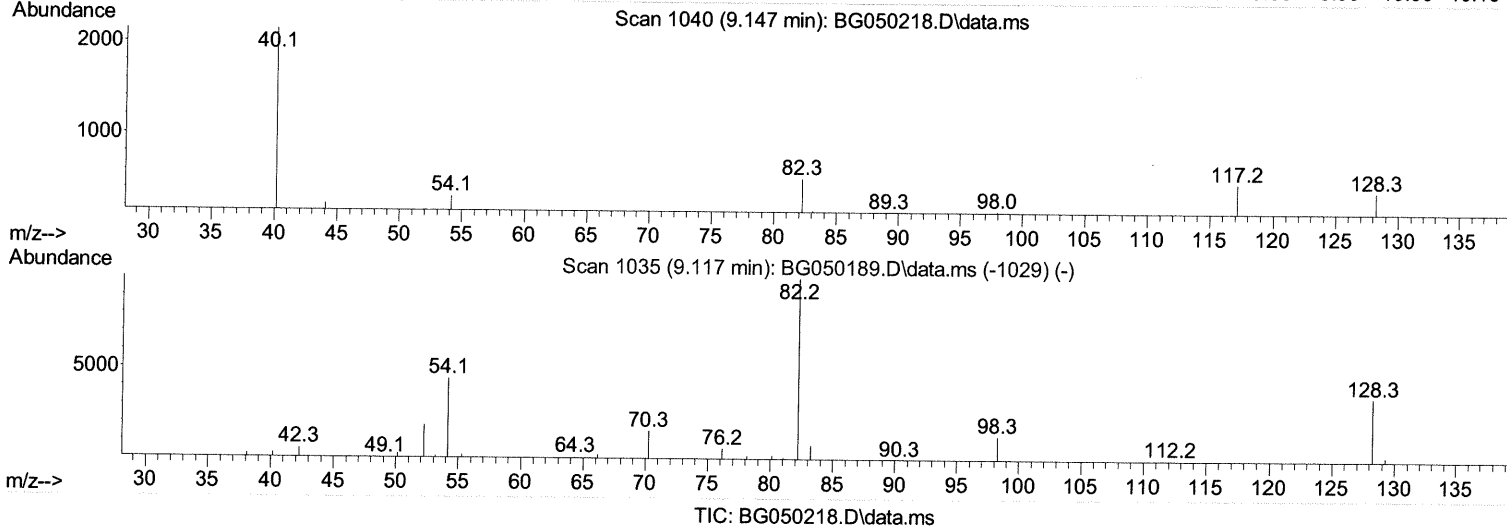
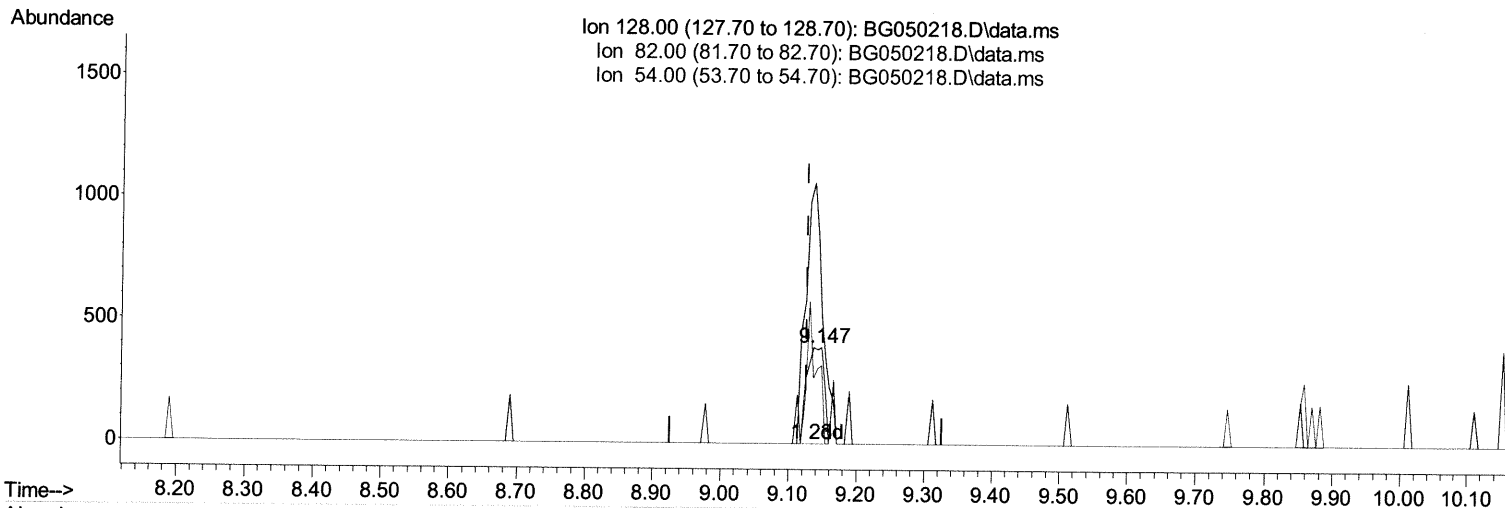
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
 Data File : BG050218.D  
 Acq On : 9 Sep 2021 4:21  
 Operator : CG/JU  
 Sample : M3608-02DL2 100X  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBKJ8DL2

Manual Integrations  
 APPROVED

mohammad  
 9/9/2021 11:47:15 AM

Quant Time: Sep 09 05:21:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
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 Response via : Initial Calibration



(21) Nitrobenzene-d5 (S)

9.147min (+ 0.022) 0.52 ng/ul m 09/02/21 JU

response 690

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 82.00  | 299.30 | 132.66# |
| 54.00  | 144.60 | 80.51#  |
| 0.00   | 0.00   | 0.00    |

# Quantitation Report (Qedit)

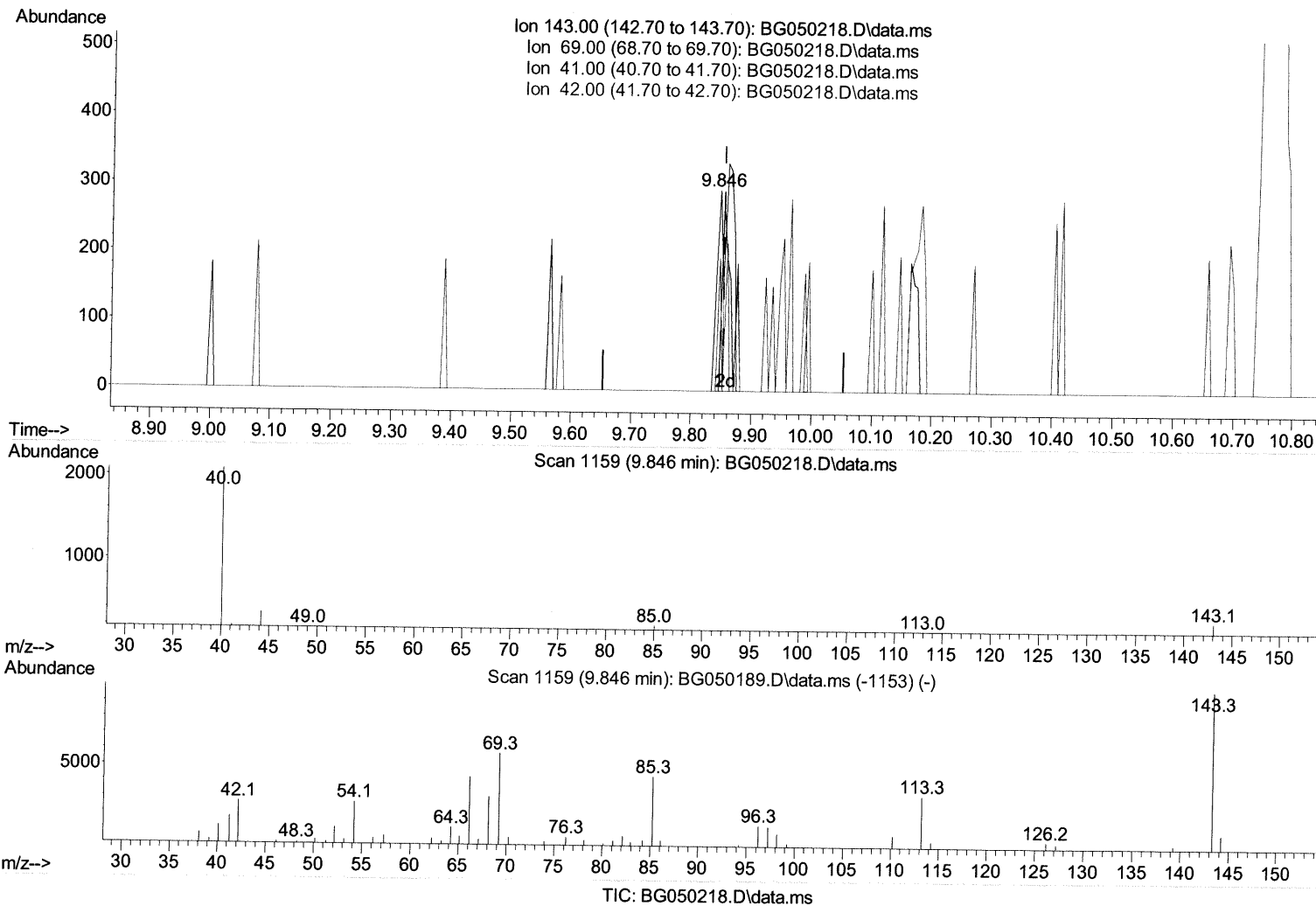
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
 Data File : BG050218.D  
 Acq On : 9 Sep 2021 4:21  
 Operator : CG/JU  
 Sample : M3608-02DL2 100X  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBKJ8DL2

Manual Integrations  
 APPROVED

mohammad  
 9/9/2021 11:47:15 AM

Quant Time: Sep 09 05:21:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 07 18:32:38 2021  
 Response via : Initial Calibration



(24) 2-Nitrophenol-d4 (S)

9.846min (-0.007) 0.14 ng/ul

response 219

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 69.00  | 51.80  | 0.00#  |
| 41.00  | 22.60  | 66.21# |
| 42.00  | 22.80  | 0.00#  |

## Quantitation Report (Qedit)

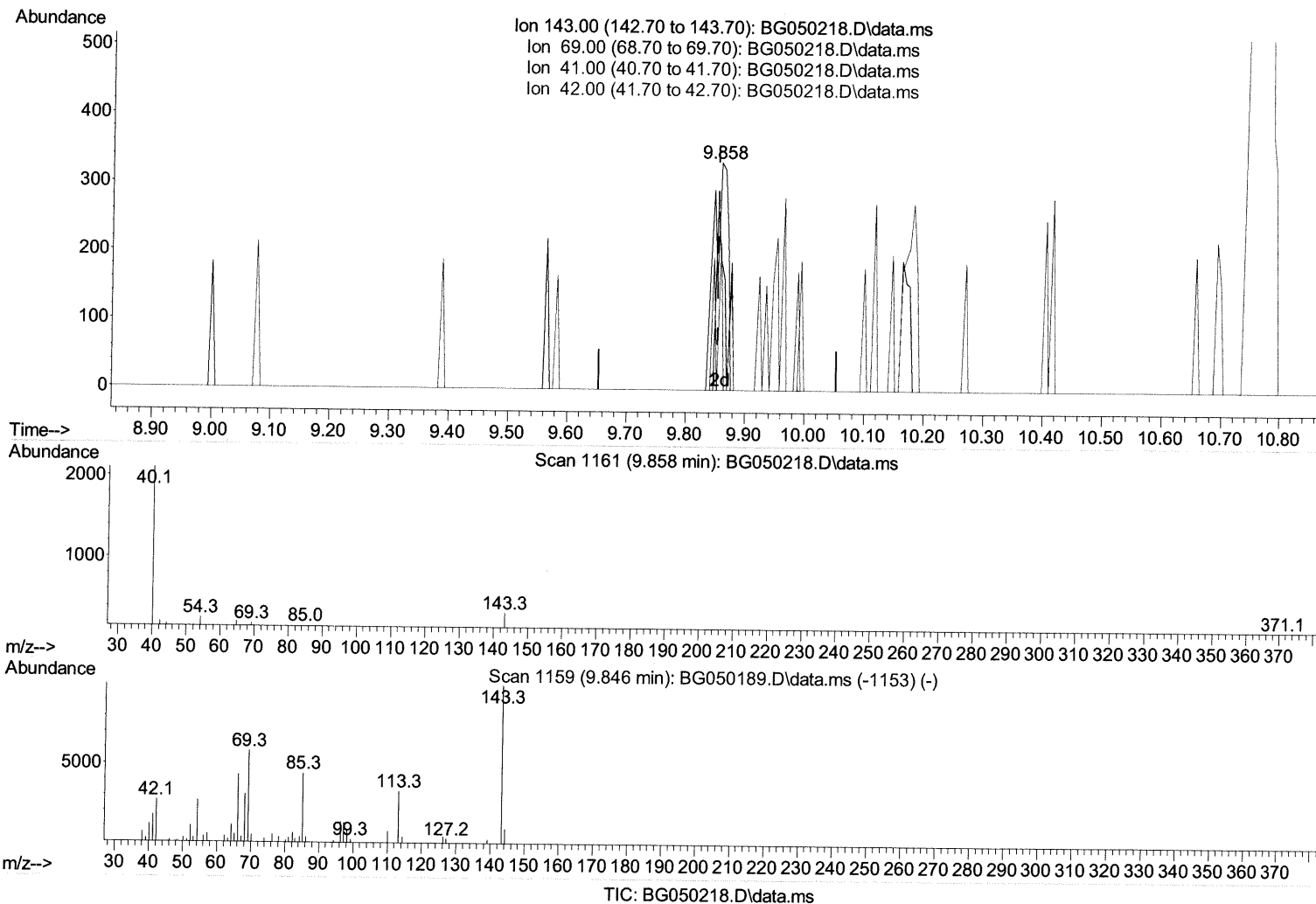
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
Data File : BG050218.D  
Acq On : 9 Sep 2021 4:21  
Operator : CG/JU  
Sample : M3608-02DL2 100X  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleID :  
DBKJ8DL2

Manual Integrations  
APPROVED

mohammad  
9/9/2021 11:47:15 AM

Quant Time: Sep 09 05:21:53 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 07 18:32:38 2021  
Response via : Initial Calibration



(24) 2-Nitrophenol-d4 (S)

9.858min (+ 0.004) 0.33 ng/ul m 09/10/21JU

response 530

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 69.00  | 51.80  | 58.43  |
| 41.00  | 22.60  | 0.00#  |
| 42.00  | 22.80  | 64.76# |

# Quantitation Report (Qedit)

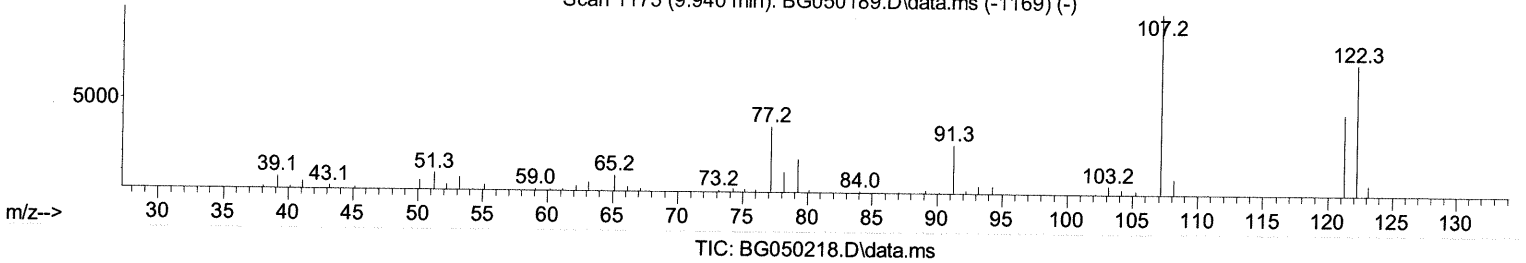
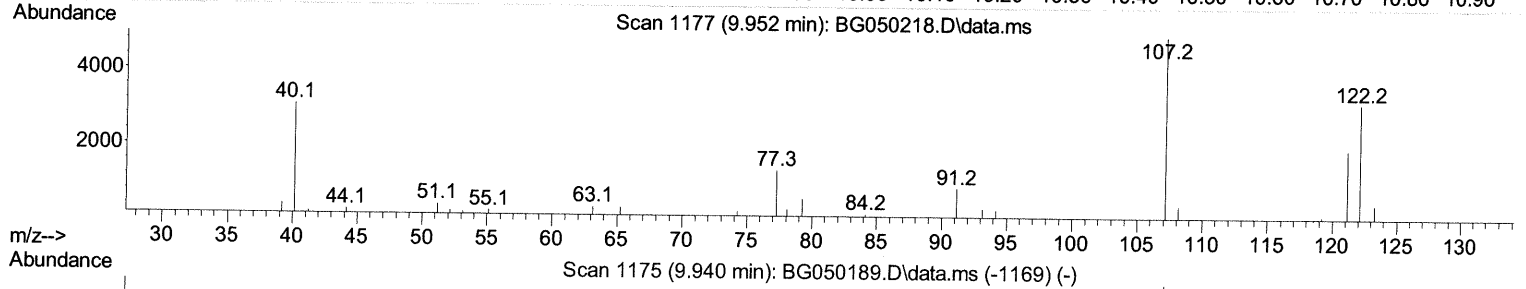
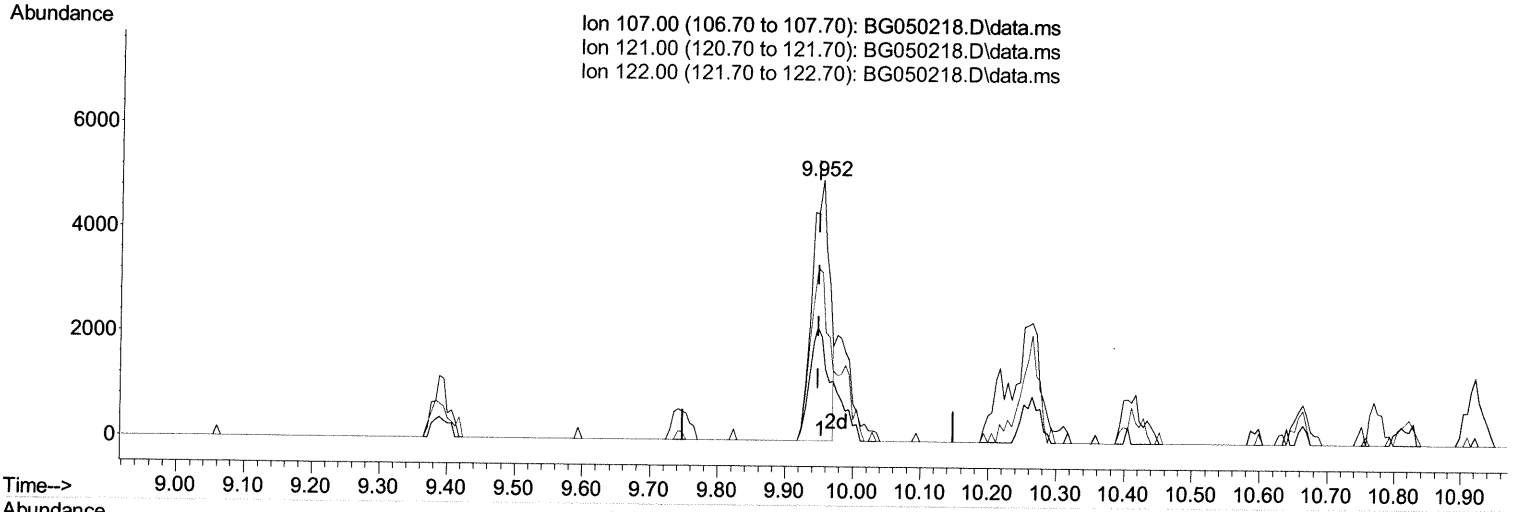
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
 Data File : BG050218.D  
 Acq On : 9 Sep 2021 4:21  
 Operator : CG/JU  
 Sample : M3608-02DL2 100X  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBKJ8DL2

Manual Integrations  
 APPROVED

mohammad  
 9/9/2021 11:47:15 AM

Quant Time: Sep 09 05:21:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 07 18:32:38 2021  
 Response via : Initial Calibration



(26) 2,4-Dimethylphenol

9.952min (+ 0.004) 2.37 ng/ul

response 9042

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 107.00 | 100.00 | 100.00 |
| 121.00 | 40.90  | 39.83  |
| 122.00 | 65.80  | 64.40  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

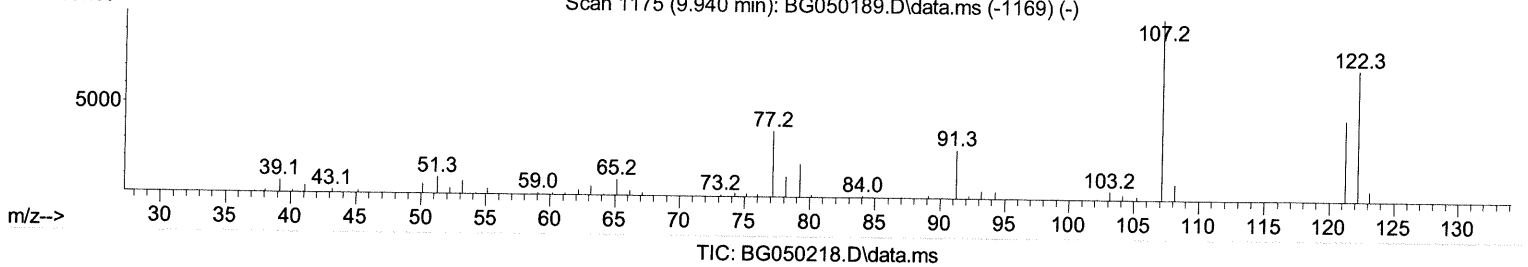
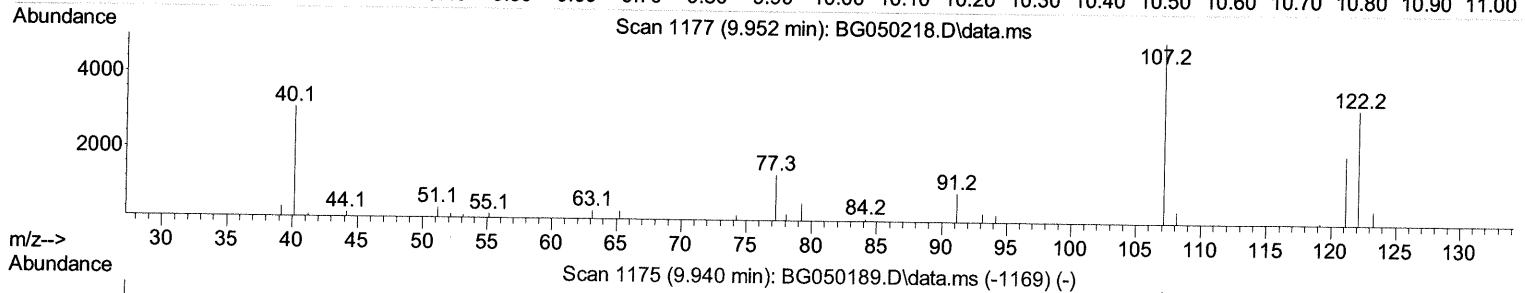
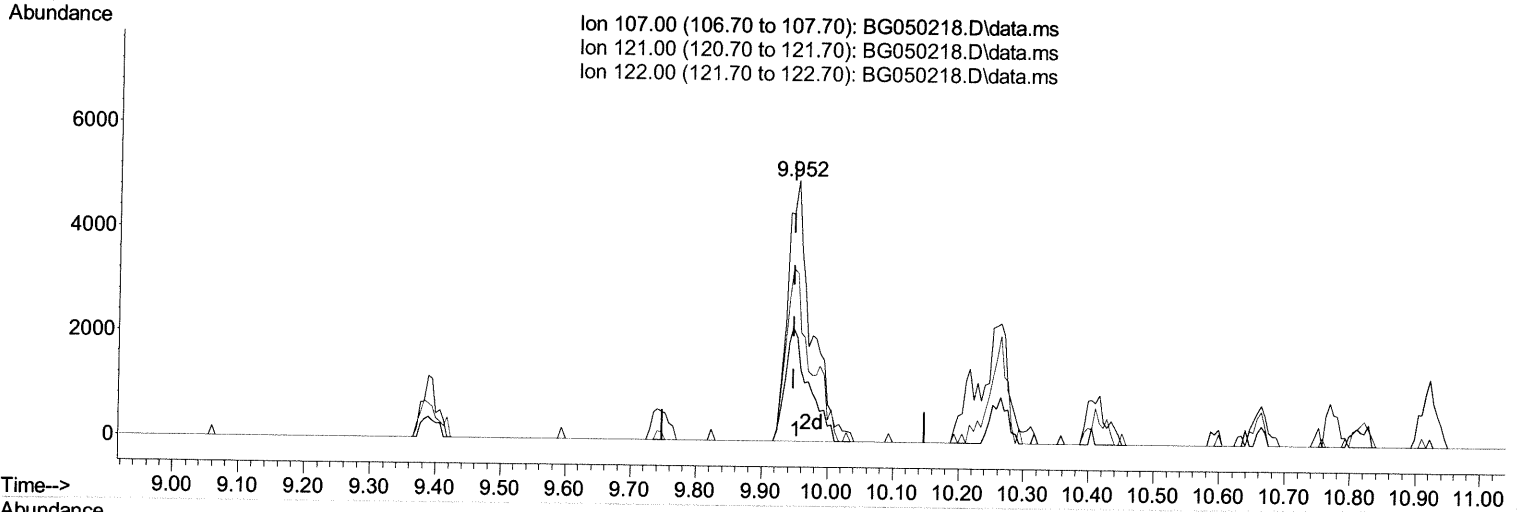
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
 Data File : BG050218.D  
 Acq On : 9 Sep 2021 4:21  
 Operator : CG/JU  
 Sample : M3608-02DL2 100X  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DBKJ8DL2

**Manual Integrations**  
**APPROVED**

mohammad  
 9/9/2021 11:47:15 AM

Quant Time: Sep 09 05:21:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 07 18:32:38 2021  
 Response via : Initial Calibration



(26) 2,4-Dimethylphenol

9.952min (+ 0.004) 3.27 ng/ul m 09/10/21 JU

response 12441

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 107.00 | 100.00 | 100.00 |
| 121.00 | 40.90  | 39.83  |
| 122.00 | 65.80  | 64.40  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
 Data File : BG050218.D  
 Acq On : 9 Sep 2021 4:21  
 Operator : CG/JU  
 Sample : M3608-02DL2 100X  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBKJ8DL2

Manual Integrations  
 APPROVED

mohammad  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|--------|-----------|
| Internal Standards            |        |      |          |        |        |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.949  | 152  | 63967    | 20.000 | ng/ul  | 0.00      |
| 20) Naphthalene-d8            | 10.763 | 136  | 194328   | 20.000 | ng/ul  | -0.01     |
| 38) Acenaphthene-d10          | 14.611 | 164  | 124724   | 20.000 | ng/ul  | 0.00      |
| 64) Phenanthrene-d10          | 17.360 | 188  | 270551   | 20.000 | ng/ul  | # 0.00    |
| 79) Chrysene-d12              | 21.631 | 240  | 453659   | 20.000 | ng/ul  | # 0.00    |
| 88) Perylene-d12              | 24.850 | 264  | 321608   | 20.000 | ng/ul  | 0.00      |
| System Monitoring Compounds   |        |      |          |        |        |           |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0        | 0.000  | ng/ul  |           |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |           |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000  | ng/ul  |           |
| 9) Bis-(2-Chloroethyl)eth...  | 7.279  | 67   | 1323     | 0.456  | ng/ul  | 0.00      |
| 11) 2-Chlorophenol-d4         | 7.497  | 132  | 1155m    | 0.280  | ng/ul  | 0.01      |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/ul  |           |
| 21) Nitrobenzene-d5           | 9.147  | 128  | 690m     | 0.517  | ng/ul  | 0.02      |
| 24) 2-Nitrophenol-d4          | 9.858  | 143  | 530m     | 0.327  | ng/ul  | 0.00      |
| 28) 2,4-Dichlorophenol-d3     | 10.428 | 165  | 1559     | 0.504  | ng/ul  | 0.02      |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/ul  |           |
| 46) Dimethylphthalate-d6      | 14.011 | 166  | 4610     | 0.490  | ng/ul  | 0.00      |
| 49) Acenaphthylene-d8         | 14.305 | 160  | 5299     | 0.473  | ng/ul  | 0.00      |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0        | 0.000  | ng/ul  |           |
| 60) Fluorene-d10              | 15.603 | 176  | 4008     | 0.513  | ng/ul  | 0.00      |
| 65) 4,6-Dinitro-2-methylph... | 15.774 | 200  | 4280     | 2.623  | ng/ul  | 0.02      |
| 73) Anthracene-d10            | 17.460 | 188  | 7379     | 0.608  | ng/ul  | 0.00      |
| 81) Pyrene-d10                | 19.757 | 212  | 6861     | 0.304  | ng/ul  | 0.00      |
| 92) Benzo(a)pyrene-d12        | 24.621 | 264  | 8373     | 0.492  | ng/ul  | -0.02     |
| Target Compounds              |        |      |          |        |        |           |
| 26) 2,4-Dimethylphenol        | 9.952  | 107  | 12441m   | 3.267  | ng/ul  | Qvalue 98 |
| 30) Naphthalene               | 10.816 | 128  | 362491   | 40.615 | ng/ul  | 98        |
| 36) 2-Methylnaphthalene       | 12.431 | 142  | 55076    | 8.345  | ng/ul  | 93        |
| 37) 1-Methylnaphthalene       | 12.649 | 142  | 30131    | 4.755  | ng/ul  | 98        |
| 43) 1,1'-Biphenyl             | 13.442 | 154  | 10675    | 1.186  | ng/ul# | 98        |
| 52) Acenaphthene              | 14.669 | 153  | 40166    | 5.379  | ng/ul  | 96        |
| 56) Dibenzofuran              | 15.010 | 168  | 27277    | 2.655  | ng/ul  | 93        |
| 61) Fluorene                  | 15.662 | 166  | 16518    | 1.918  | ng/ul  | 94        |
| 72) Phenanthrene              | 17.407 | 178  | 23464    | 1.700  | ng/ul# | 93        |
| 77) Carbazole                 | 17.771 | 167  | 63567    | 5.153  | ng/ul  | 98        |

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