

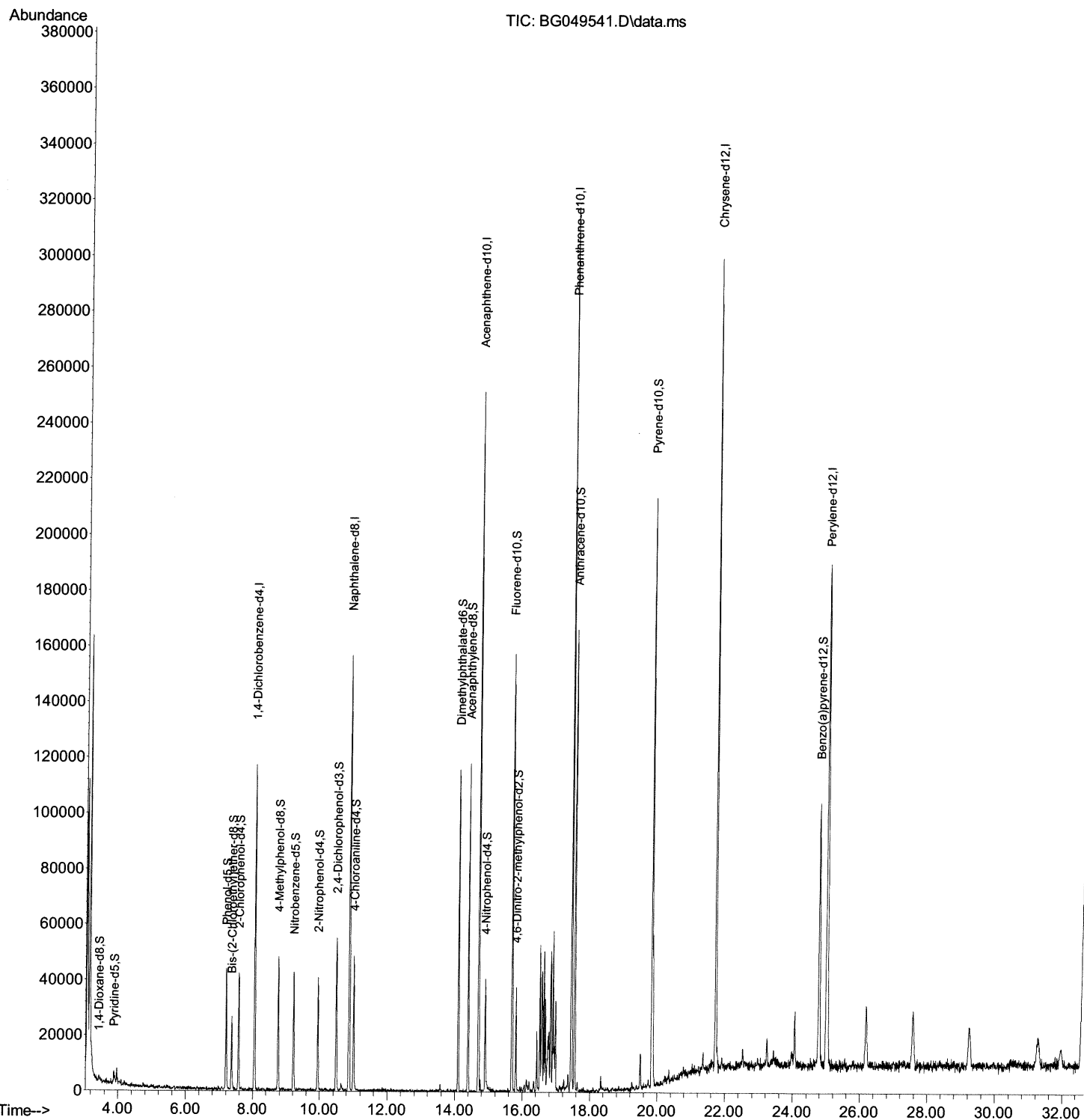
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072821\  
Data File : BG049541.D  
Acq On : 28 Jul 2021 20:30  
Operator : CG/JU  
Sample : M3106-04  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGD18

Manual Integrations  
APPROVED

mohammad  
7/29/2021 1:42:14 PM

Quant Time: Jul 29 04:42:17 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jul 29 04:40:56 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

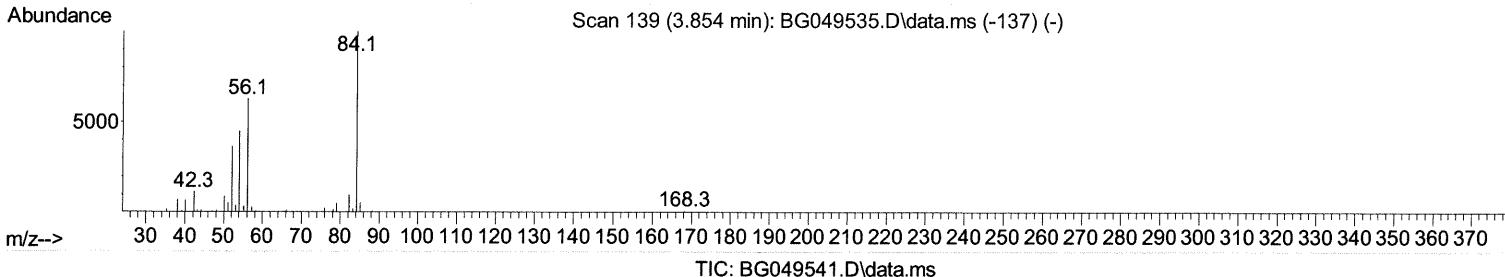
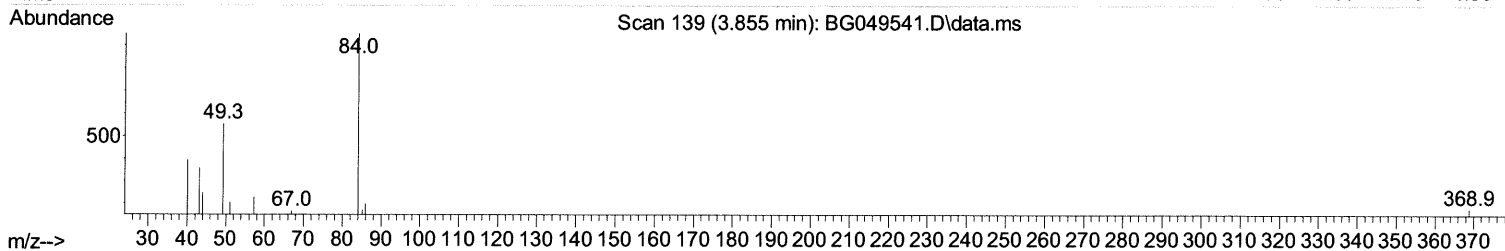
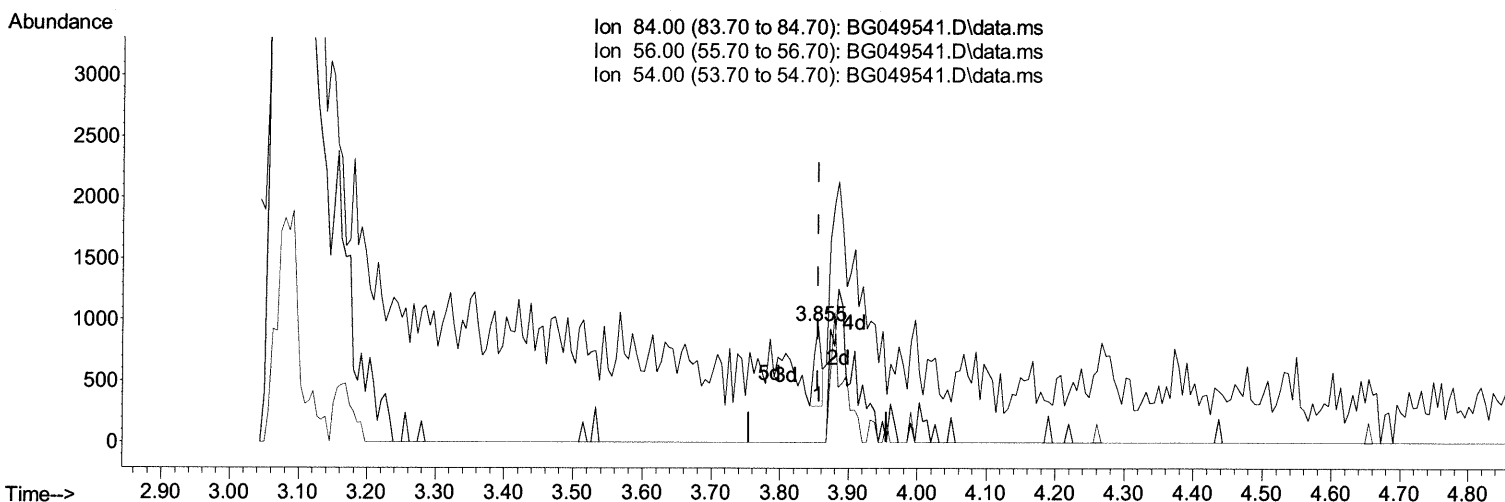
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072821\  
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## (4) Pyridine-d5 (S)

3.855min (+ 0.000) 0.25 ng/ul

response 487

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 58.50  | 0.00#  |
| 54.00 | 34.10  | 0.00#  |
| 0.00  | 0.00   | 0.00   |

## Quantitation Report (Qedit)

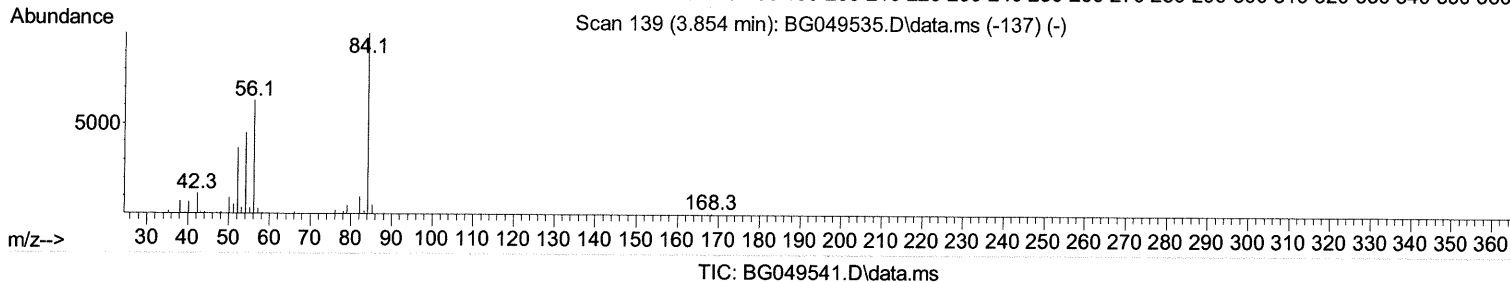
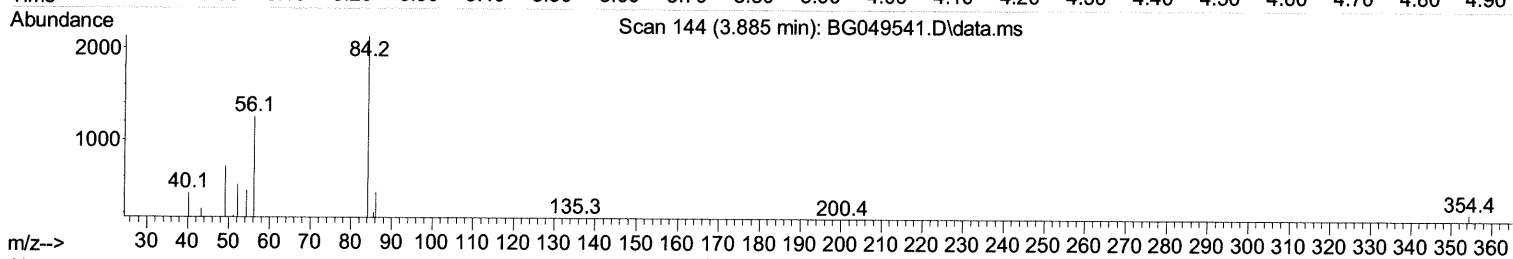
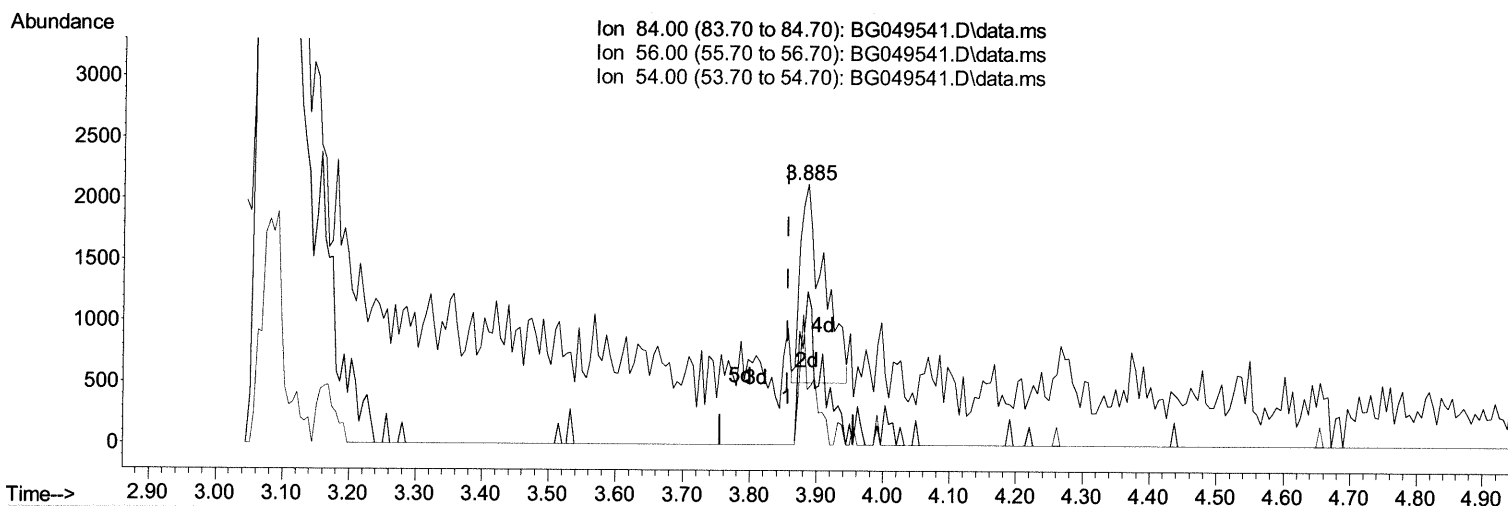
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072821\  
Data File : BG049541.D  
Acq On : 28 Jul 2021 20:30  
Operator : CG/JU  
Sample : M3106-04  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Manual Integrations  
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QLast Update : Thu Jul 29 04:40:56 2021  
Response via : Initial Calibration



(4) Pyridine-d5 (S)

3.885min (+ 0.030) 2.05 ng/ul m 07/30/21JU

response 3958

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 58.50  | 58.83  |
| 54.00 | 34.10  | 21.08# |
| 0.00  | 0.00   | 0.00   |

## Quantitation Report (Qedit)

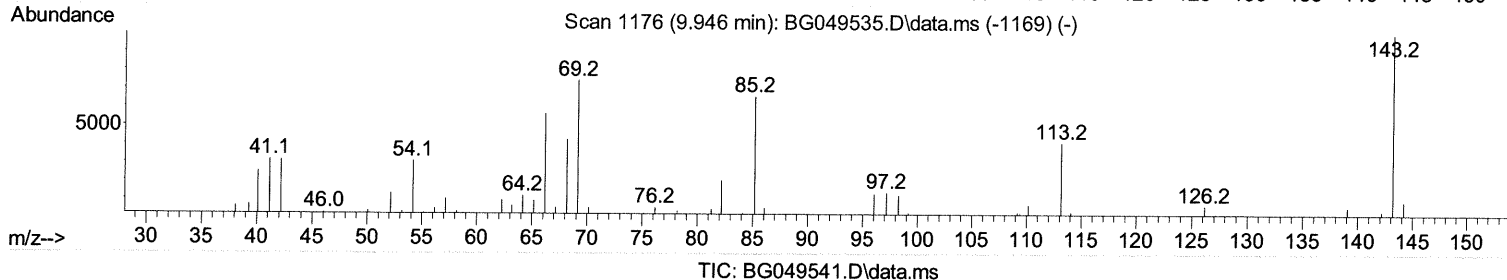
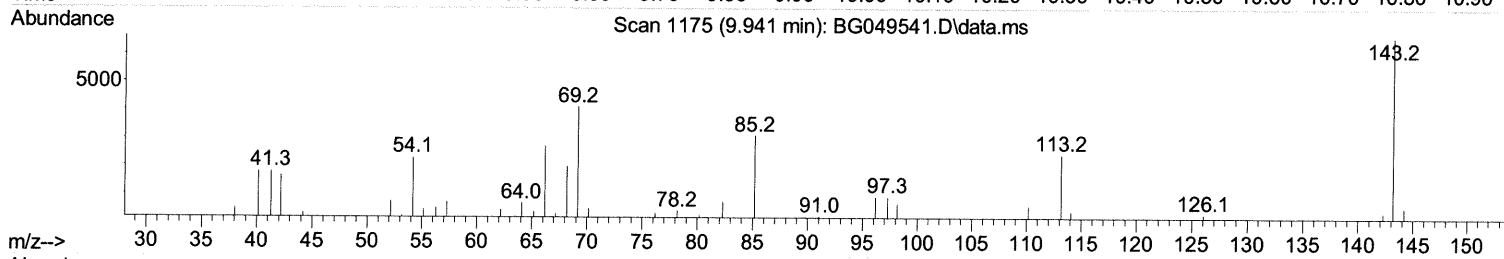
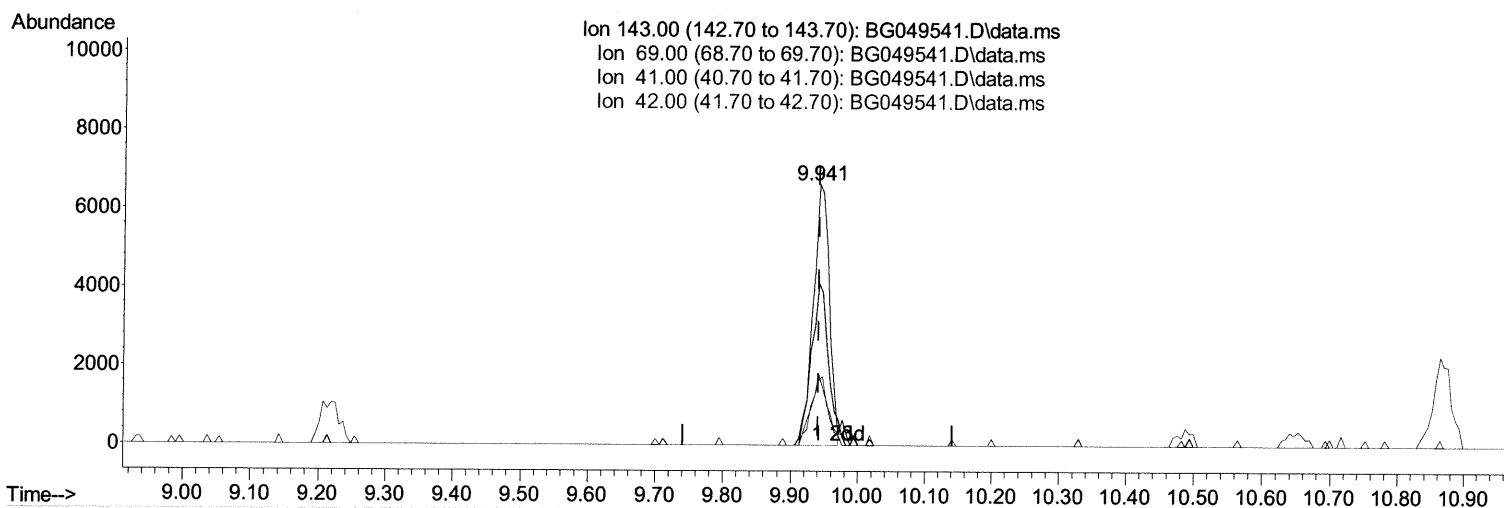
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072821\  
Data File : BG049541.D  
Acq On : 28 Jul 2021 20:30  
Operator : CG/JU  
Sample : M3106-04  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGD18

Manual Integrations  
APPROVED

mohammad  
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Quant Time: Jul 29 04:42:17 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
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Response via : Initial Calibration



(24) 2-Nitrophenol-d4 (S)

9.941min (+ 0.000) 9.55 ng/ul

response 11113

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 69.00  | 70.80  | 61.89  |
| 41.00  | 28.50  | 27.00  |
| 42.00  | 27.50  | 24.89  |

# Quantitation Report (Qedit)

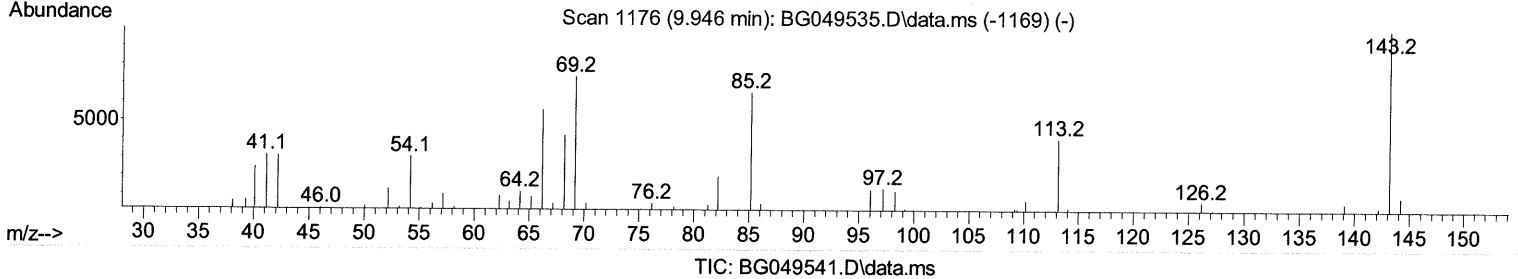
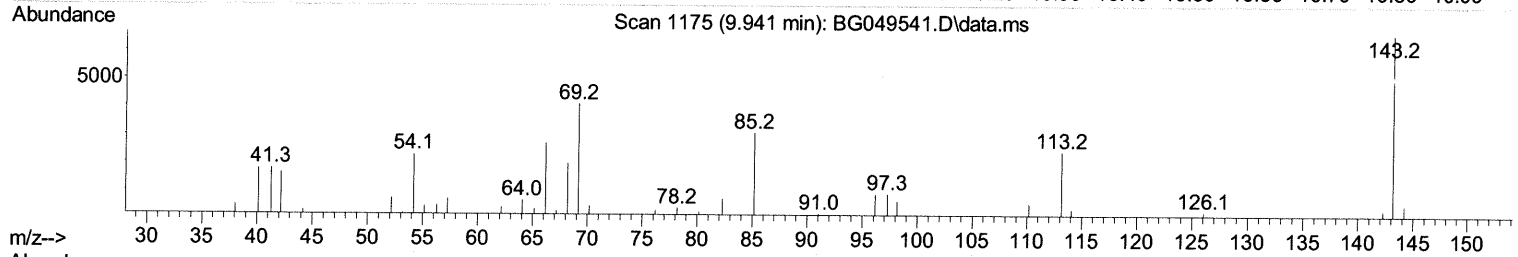
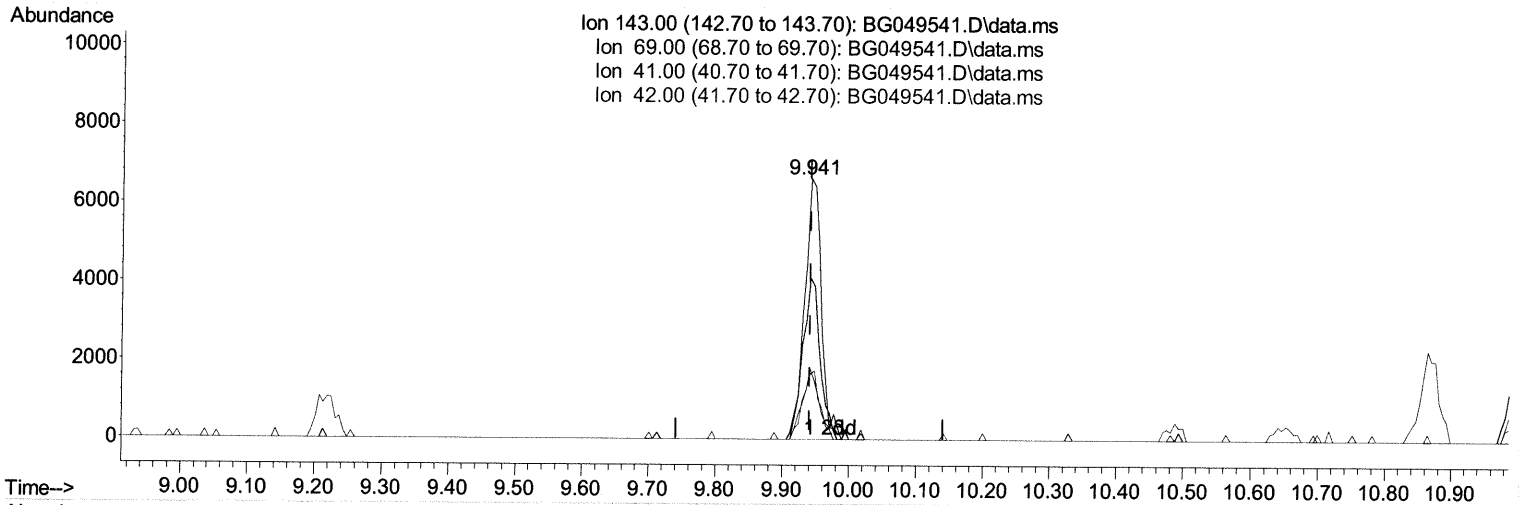
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072821\  
 Data File : BG049541.D  
 Acq On : 28 Jul 2021 20:30  
 Operator : CG/JU  
 Sample : M3106-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGD18

Manual Integrations  
 APPROVED

mohammad  
 7/29/2021 1:42:14 PM

Quant Time: Jul 29 04:42:17 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 29 04:40:56 2021  
 Response via : Initial Calibration



(24) 2-Nitrophenol-d4 (S)

9.941min (+ 0.000) 9.84 ng/ul m 07/30/2021

response 11448

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 69.00  | 70.80  | 61.89  |
| 41.00  | 28.50  | 27.00  |
| 42.00  | 27.50  | 24.89  |

## Quantitation Report (Qedit)

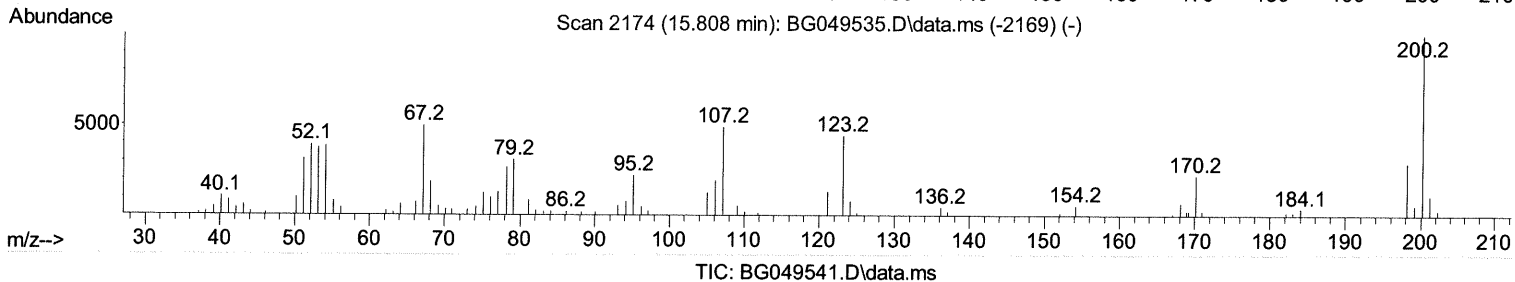
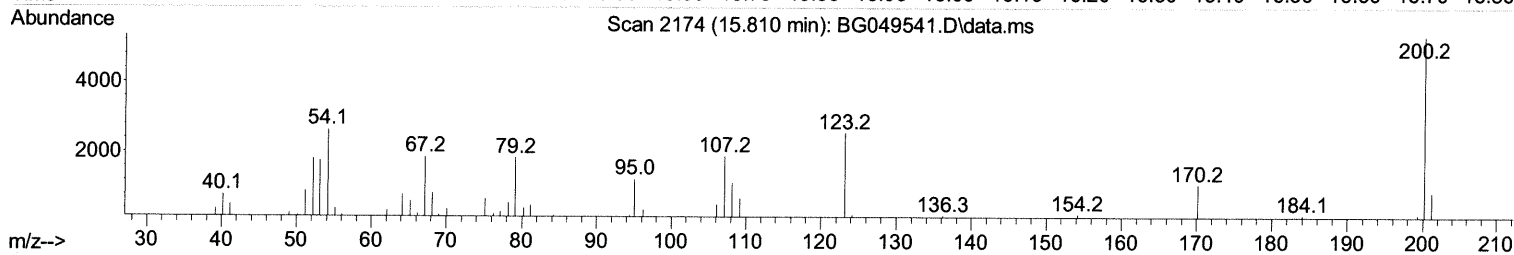
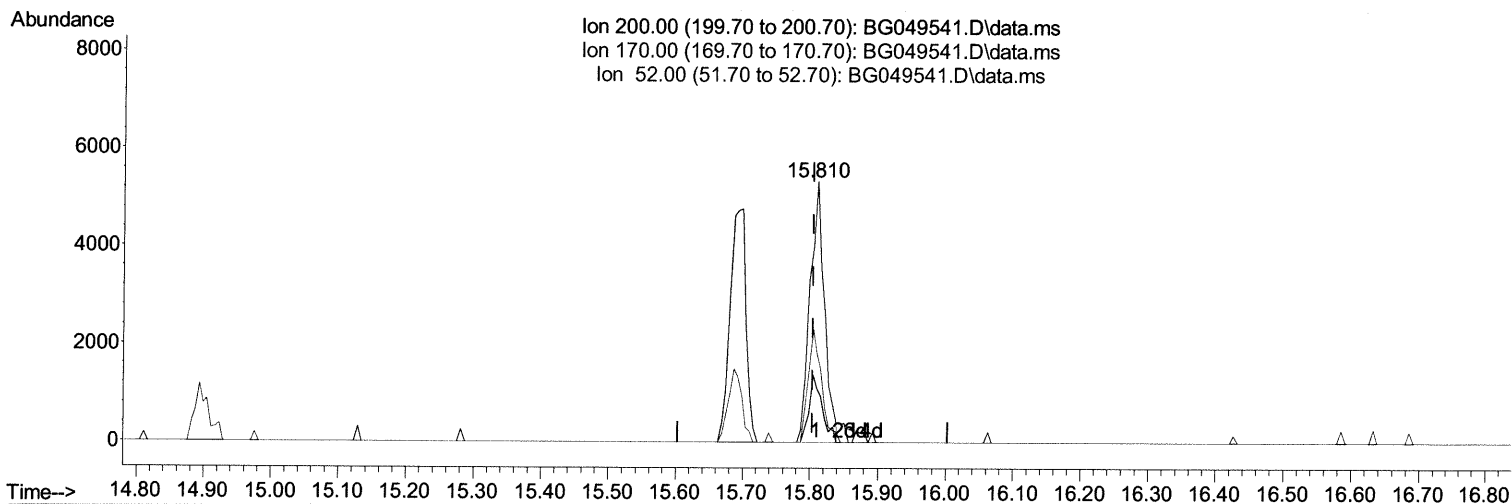
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072821\  
Data File : BG049541.D  
Acq On : 28 Jul 2021 20:30  
Operator : CG/JU  
Sample : M3106-04  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGD18

Manual Integrations  
APPROVED

mohammad  
7/29/2021 1:42:14 PM

Quant Time: Jul 29 04:42:17 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jul 29 04:40:56 2021  
Response via : Initial Calibration



(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.810min (+ 0.006) 6.77 ng/ul

response 7991

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 25.70  | 20.32# |
| 52.00  | 52.30  | 33.93# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

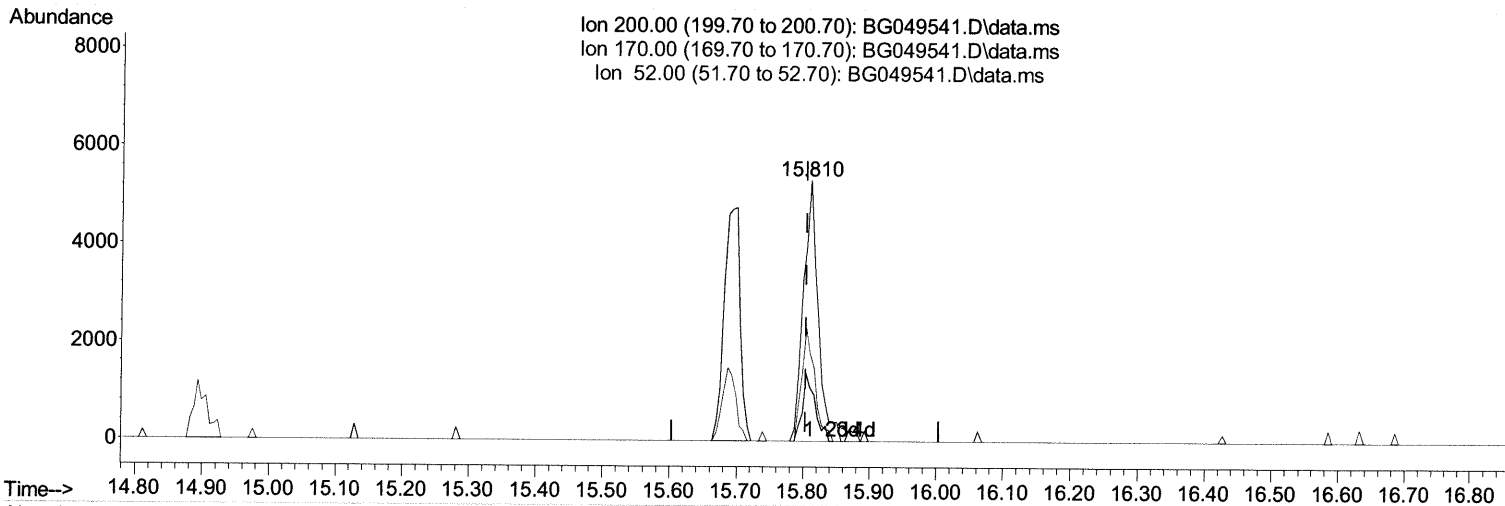
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072821\  
 Data File : BG049541.D  
 Acq On : 28 Jul 2021 20:30  
 Operator : CG/JU  
 Sample : M3106-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGD18

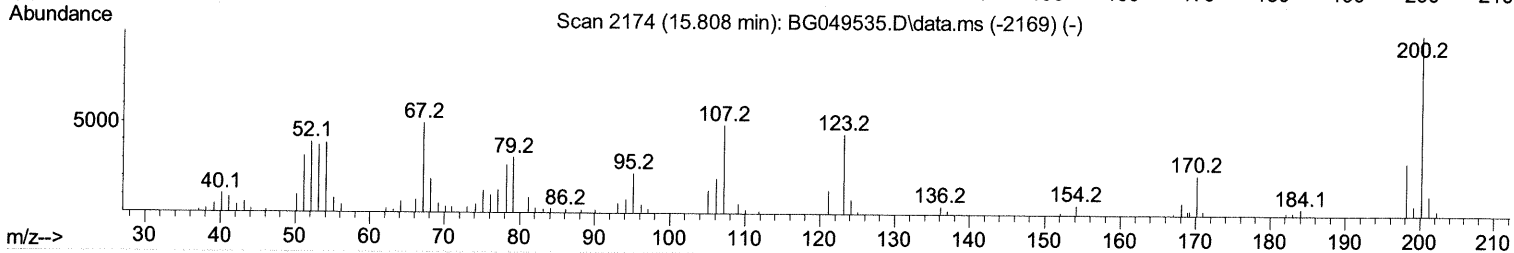
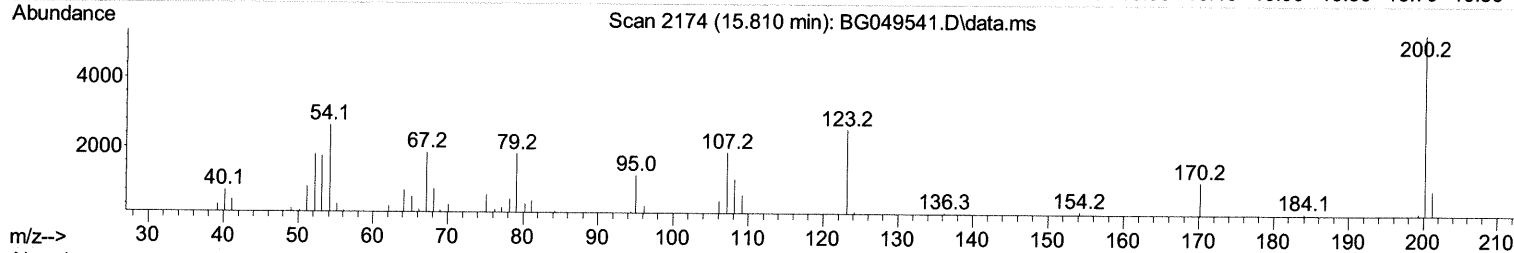
Manual Integrations  
 APPROVED

mohammad  
 7/29/2021 1:42:14 PM

Quant Time: Jul 29 04:42:17 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 29 04:40:56 2021  
 Response via : Initial Calibration



Ion 200.00 (199.70 to 200.70): BG049541.D\data.ms  
 Ion 170.00 (169.70 to 170.70): BG049541.D\data.ms  
 Ion 52.00 (51.70 to 52.70): BG049541.D\data.ms



TIC: BG049541.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.810min (+ 0.006) 6.99 ng/ul m 07/30/21 JU

response 8262

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 25.70  | 20.32# |
| 52.00  | 52.30  | 33.93# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072821\  
 Data File : BG049541.D  
 Acq On : 28 Jul 2021 20:30  
 Operator : CG/JU  
 Sample : M3106-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGD18

Manual Integrations  
 APPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.050  | 152  | 30791    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.869 | 136  | 129182   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.700 | 164  | 90852    | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.449 | 188  | 190612   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.731 | 240  | 183768   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 25.003 | 264  | 188893   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.432  | 96   | 793      | 1.178  | ng/ul | 0.00     |
| 4) Pyridine-d5                | 3.885  | 84   | 3958m    | 2.048  | ng/ul | 0.03     |
| 7) Phenol-d5                  | 7.204  | 99   | 24083    | 8.840  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.362  | 67   | 13380    | 8.672  | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.574  | 132  | 17720    | 9.074  | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.755  | 113  | 17661    | 8.601  | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.219  | 128  | 9068     | 9.130  | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.941  | 143  | 11448m   | 9.836  | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.488 | 165  | 20284    | 9.583  | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.005 | 131  | 22834    | 7.740  | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.094 | 166  | 74937    | 10.768 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.394 | 160  | 84127    | 10.408 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.893 | 143  | 9141     | 7.976  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.686 | 176  | 63616    | 10.611 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.810 | 200  | 8262m    | 6.995  | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.549 | 188  | 98962    | 11.171 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.834 | 212  | 111653   | 11.882 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.780 | 264  | 103534   | 10.428 | ng/ul | 0.01     |

Target Compounds Qvalue

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