

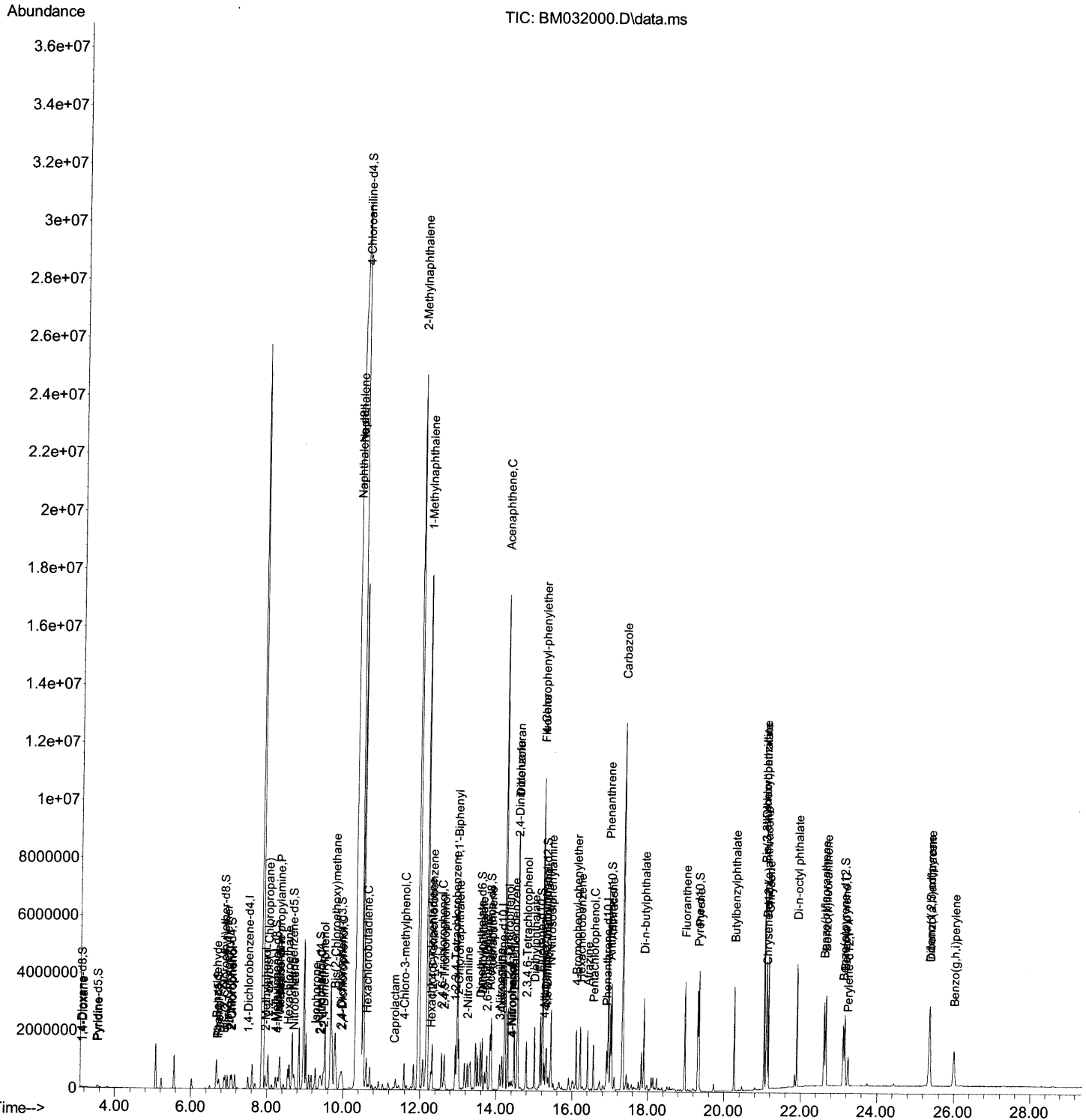
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
Data File : BM032000.D  
Acq On : 01 Sep 2021 00:36  
Operator : CG/JU  
Sample : M3494-03MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
Client Sample ID :  
YAS54MS

Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 30 09:21:30 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

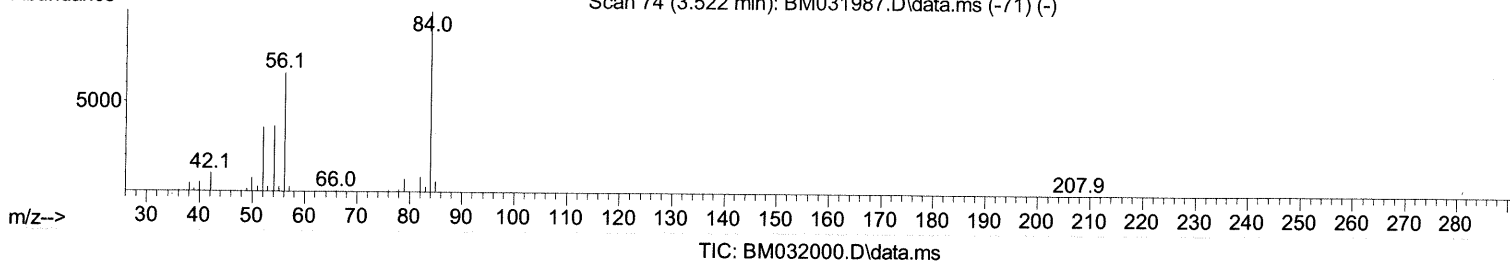
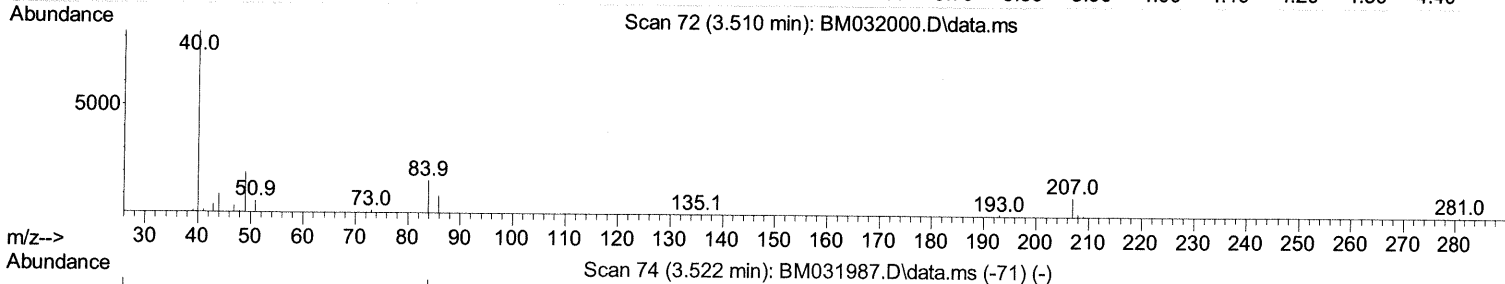
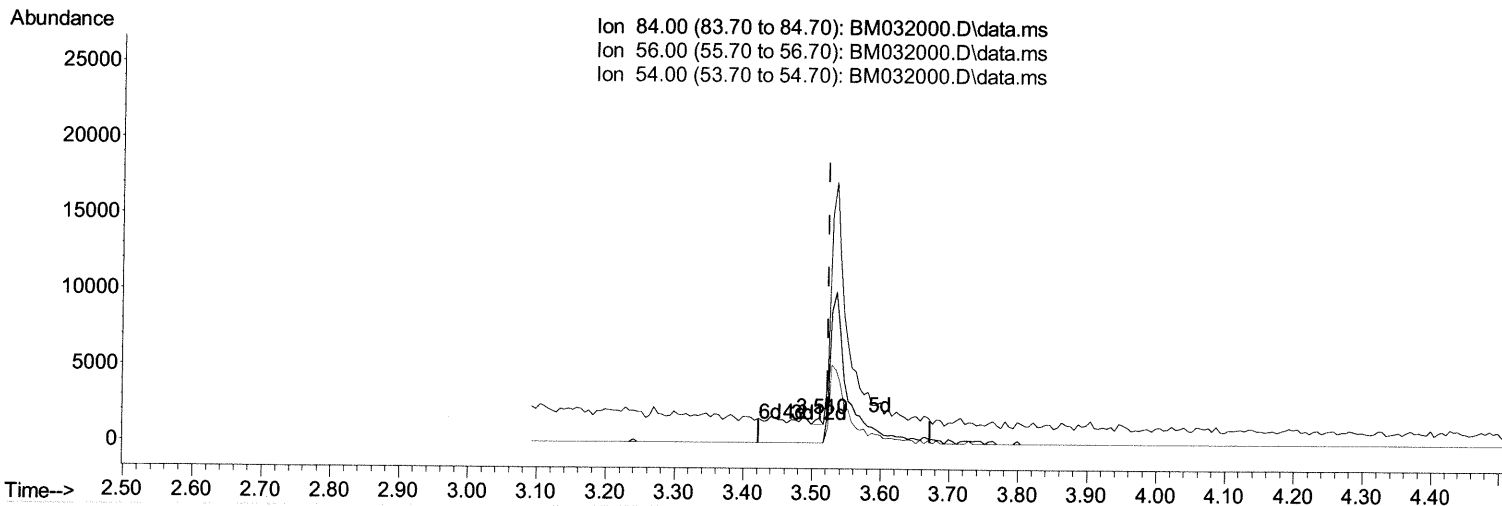
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
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Manual Integrations  
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mohammad  
 9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



TIC: BM032000.D\data.ms

## (4) Pyridine-d5 (S)

3.510min (-0.012) 0.04 ng/u1

response 245

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 73.70  | 0.00#  |
| 54.00 | 35.80  | 0.00#  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

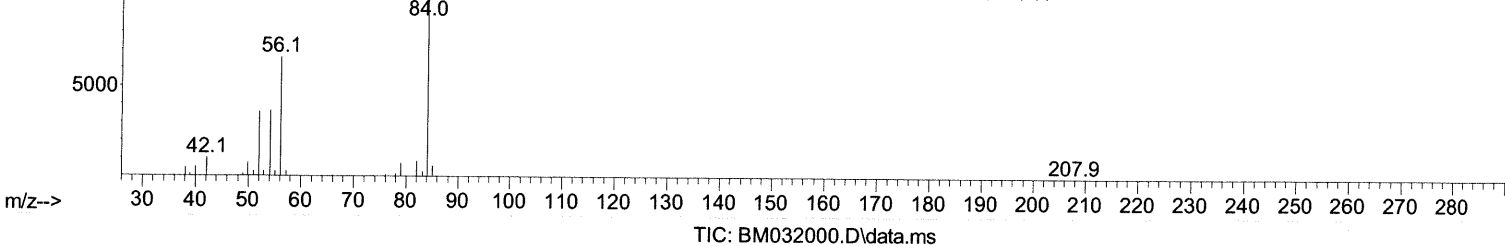
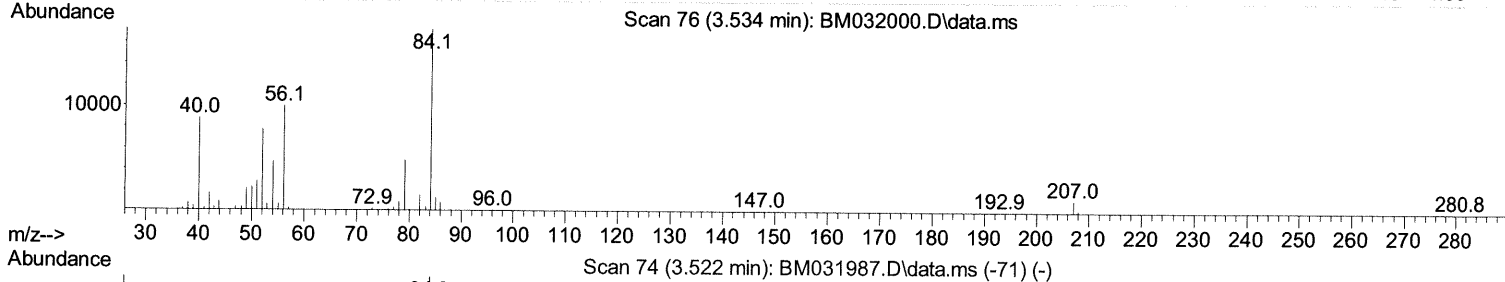
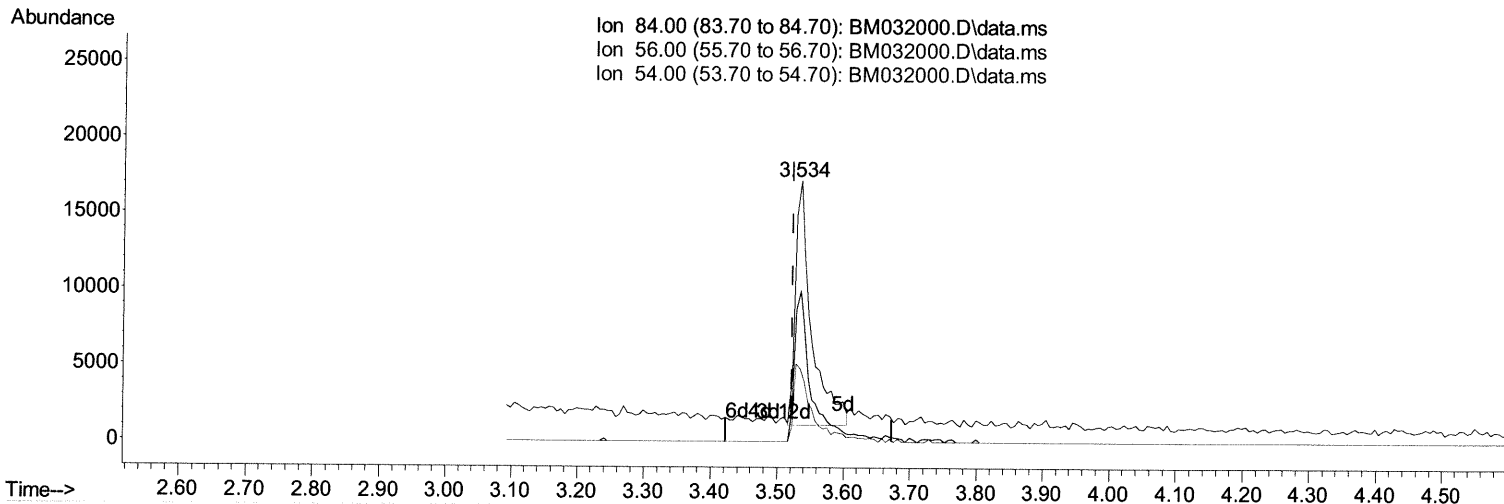
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

mohammad  
 9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



TIC: BM032000.D\data.ms

## (4) Pyridine-d5 (S)

3.534min (+ 0.012) 3.89 ng/ul m

09/09/21 JU

response 27105

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 73.70  | 57.97# |
| 54.00 | 35.80  | 27.63# |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

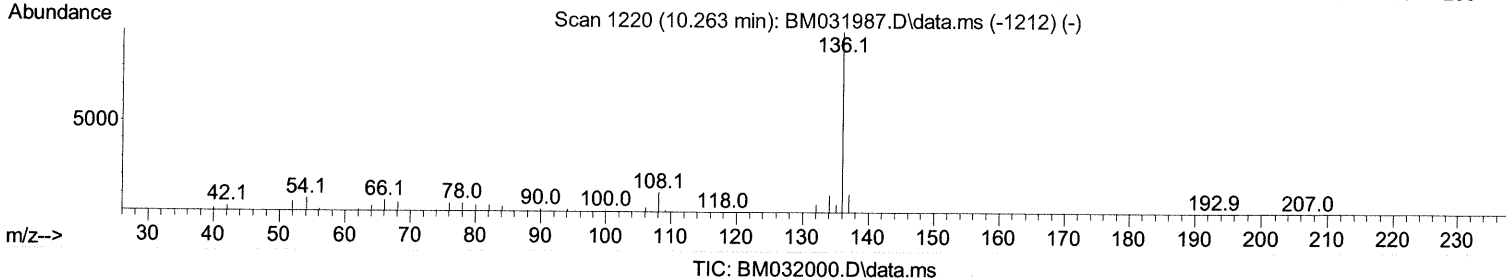
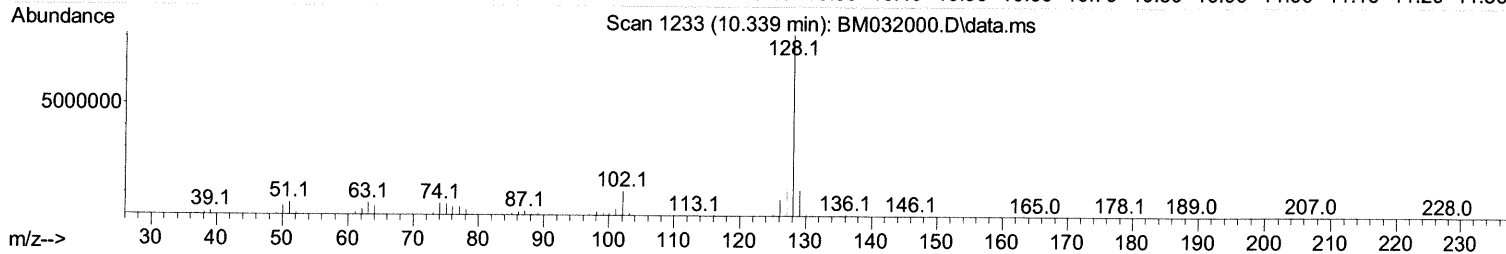
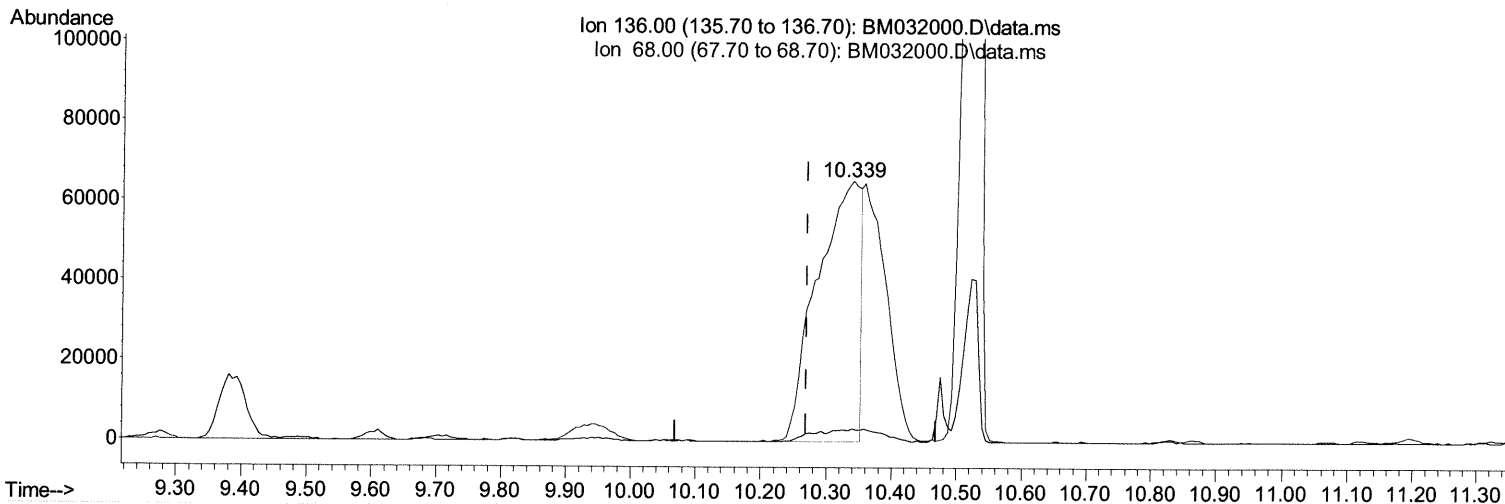
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

mohammad  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



## (20) Naphthalene-d8 (I)

10.339min (+ 0.071) 20.00 ng/ul

response 297738

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 136.00 | 100.00 | 100.00 |
| 68.00  | 6.30   | 4.90#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

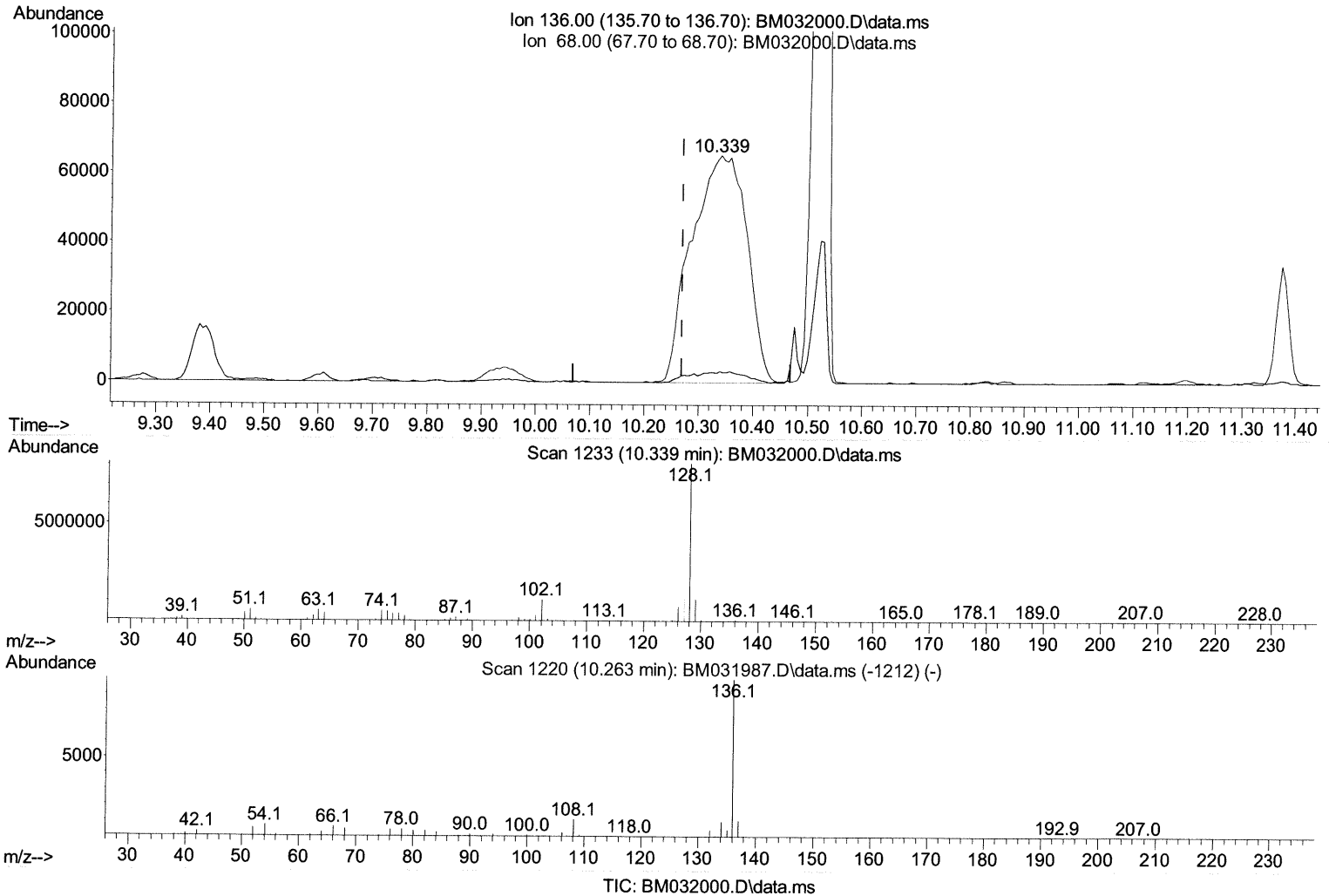
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

mohammad  
 9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



## (20) Naphthalene-d8 (I)

10.339min (+ 0.071) 20.00 ng/ul m 09/09/21 JU

response 455648

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 136.00 | 100.00 | 100.00 |
| 68.00  | 6.30   | 4.90#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

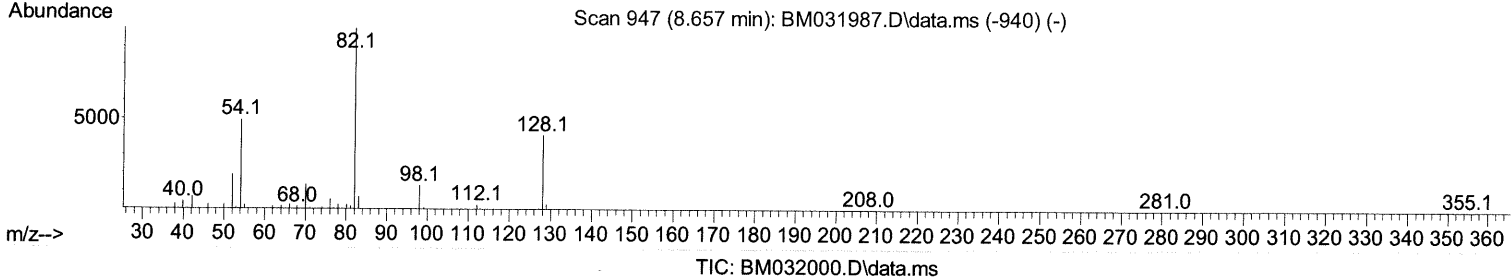
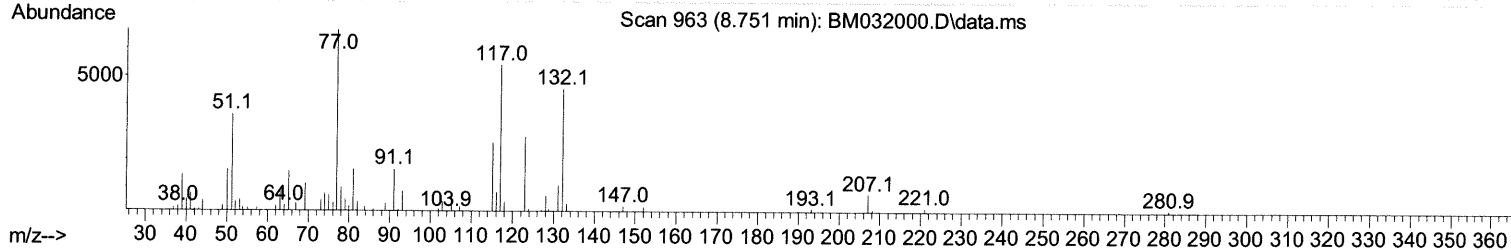
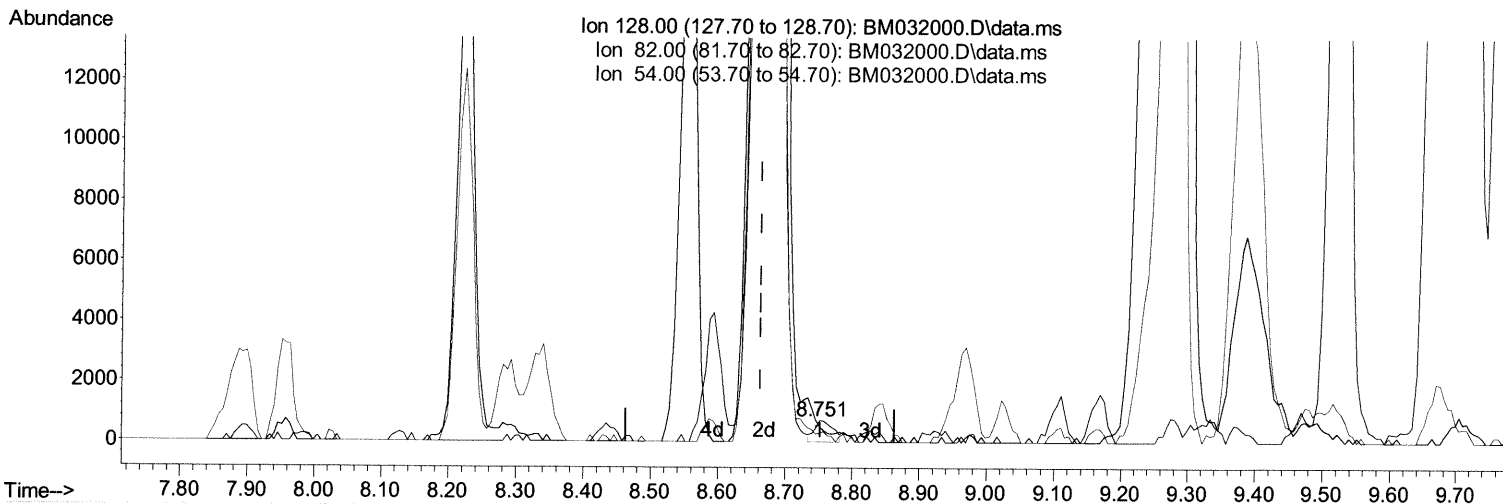
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

mohammad  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



## (21) Nitrobenzene-d5 (S)

8.751min (+ 0.088) 0.41 ng/ul

response 1344

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 82.00  | 257.50 | 69.46# |
| 54.00  | 137.90 | 39.91# |
| 0.00   | 0.00   | 0.00   |

Quantitation Report (Qedit)

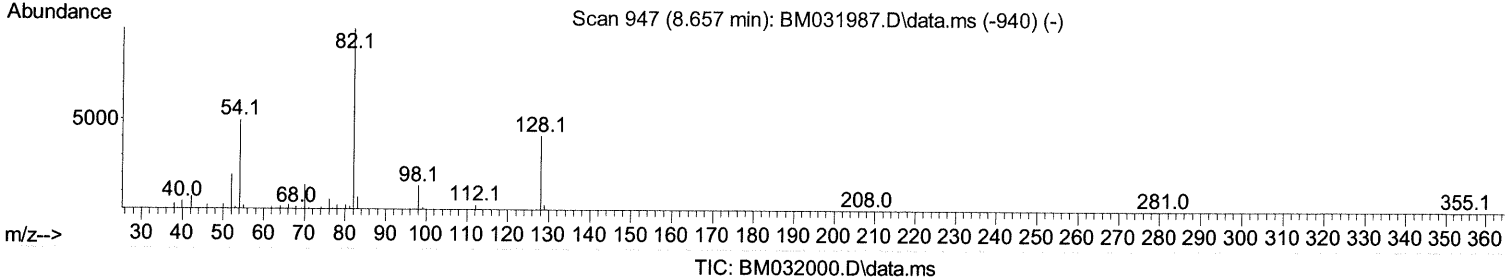
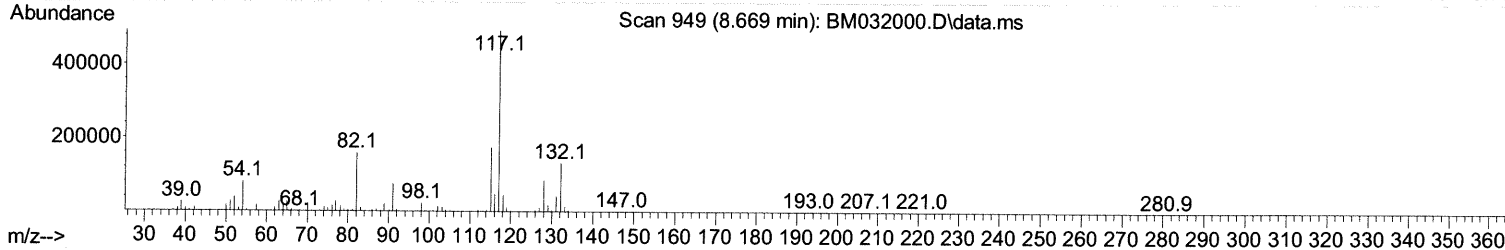
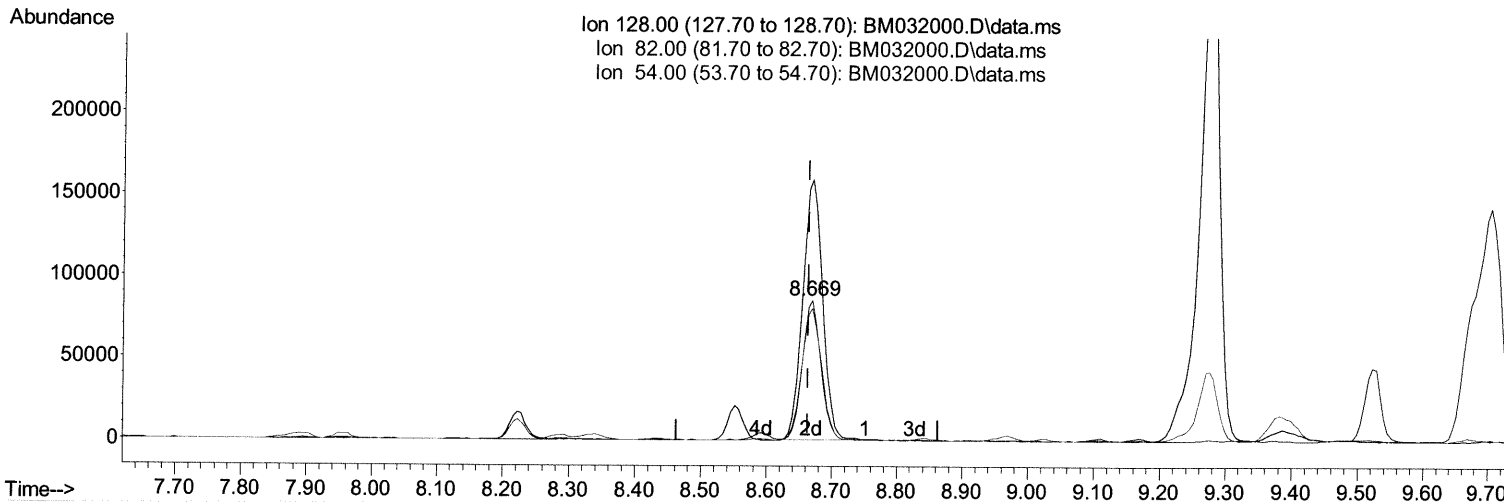
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

mohammad  
 9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



(21) Nitrobenzene-d5 (S)

8.669min (+ 0.006) 50.99 ng/ul m 09/09/21 JU

response 168756

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 82.00  | 257.50 | 186.34# |
| 54.00  | 137.90 | 94.41#  |
| 0.00   | 0.00   | 0.00    |

# Quantitation Report (Qedit)

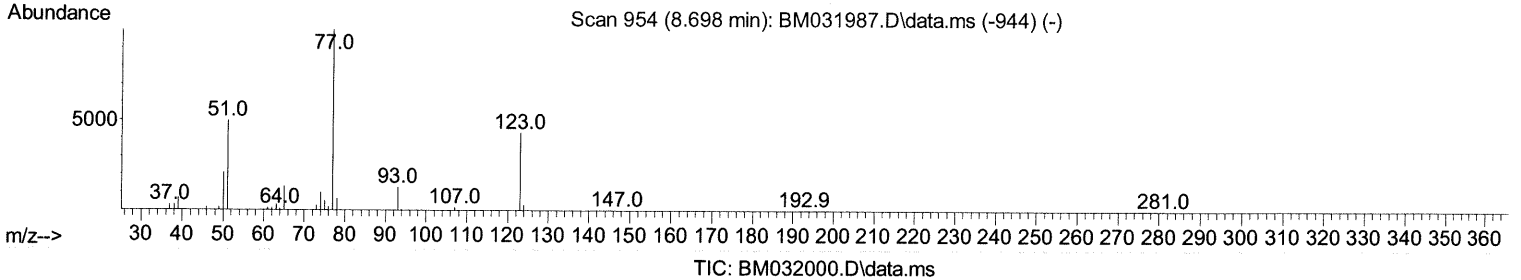
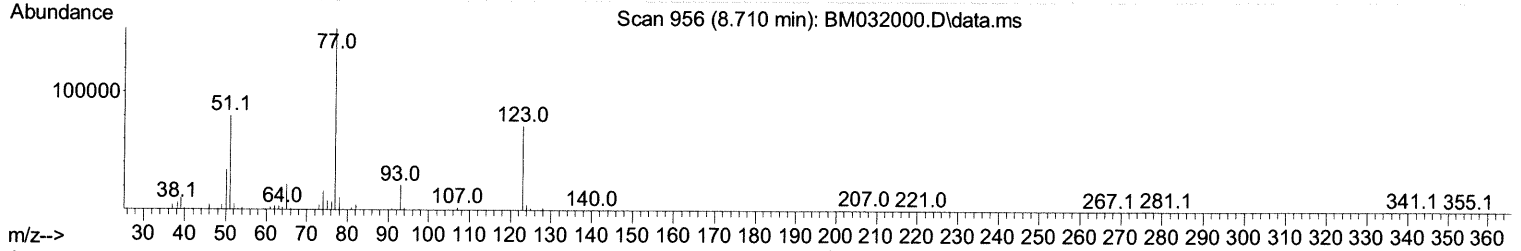
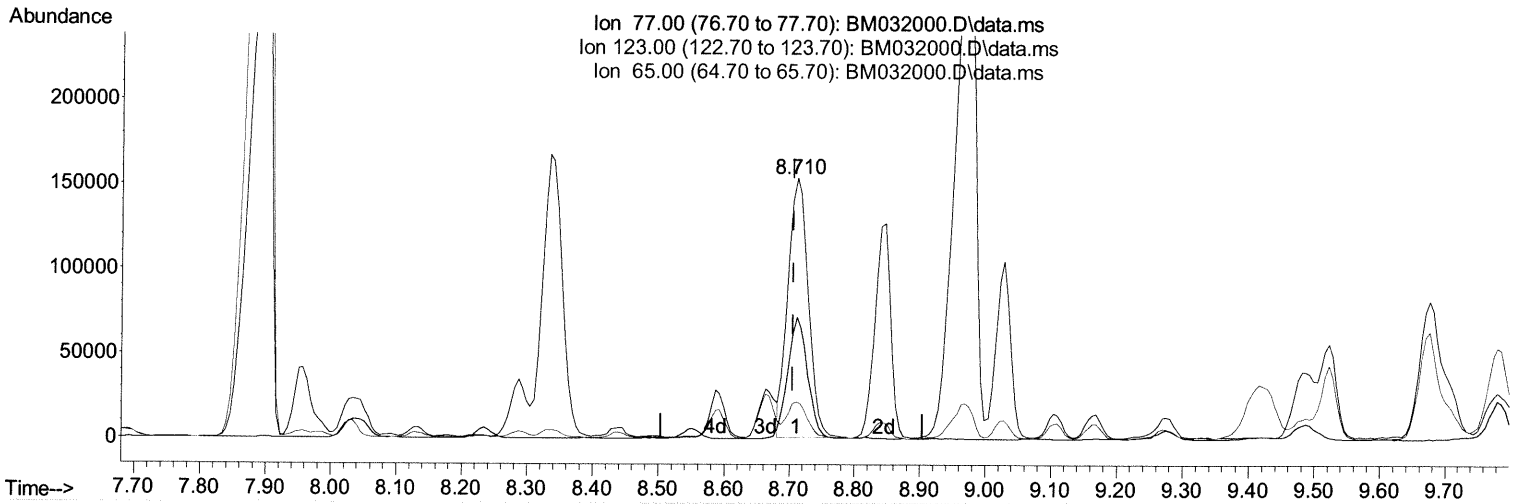
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

mohammad  
 9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



## (22) Nitrobenzene

8.710min (+ 0.006) 40.43 ng/u1

response 337765

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 123.00 | 43.50  | 46.53  |
| 65.00  | 13.00  | 14.14  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

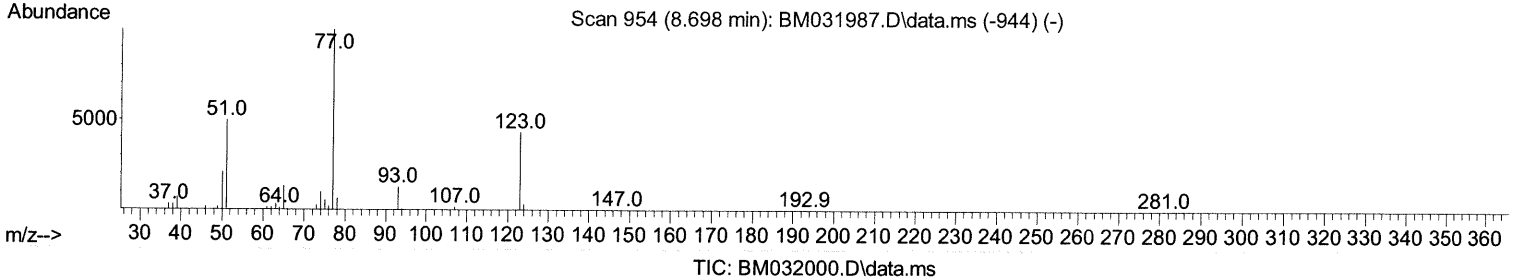
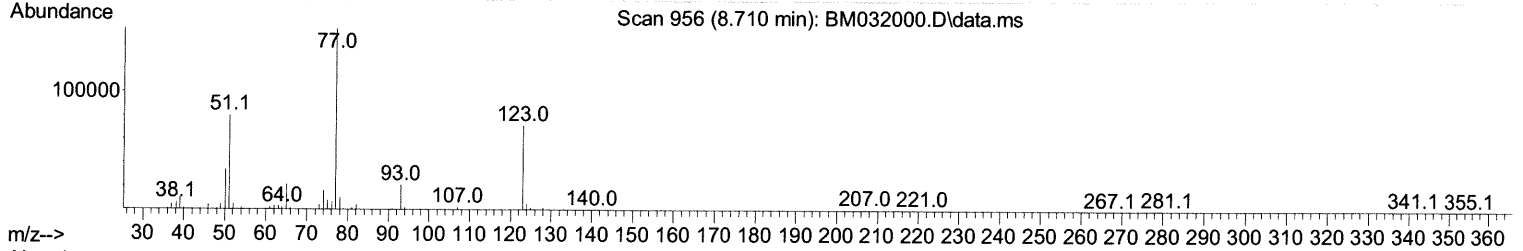
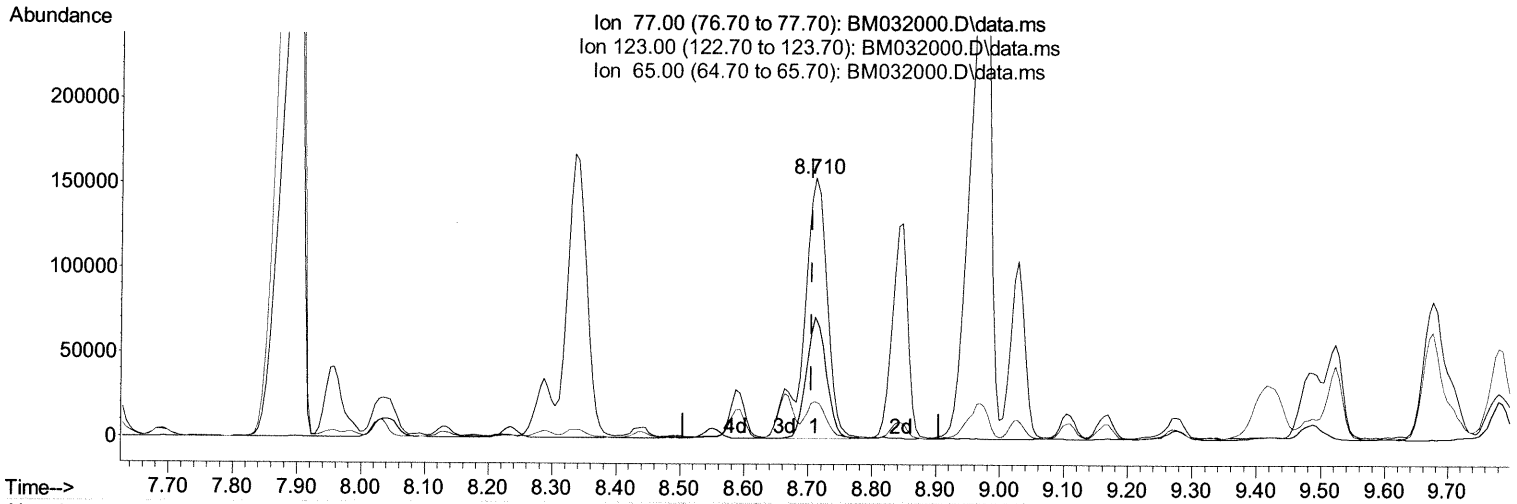
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

mohammad  
 9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



## (22) Nitrobenzene

8.710min (+ 0.006) 47.00 ng/ul m 09/09/21 JU

response 392730

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 123.00 | 43.50  | 46.53  |
| 65.00  | 13.00  | 14.14  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

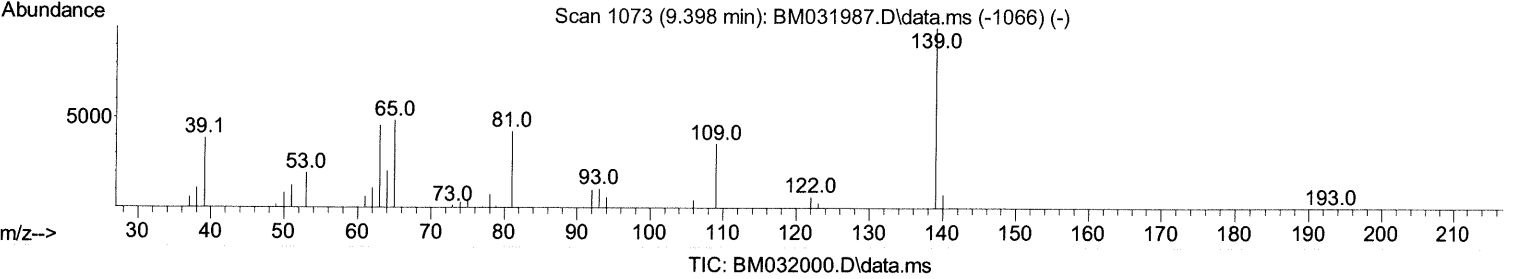
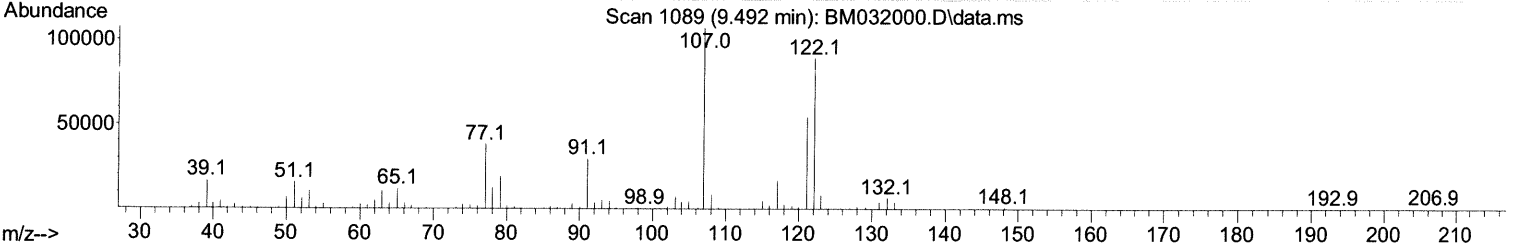
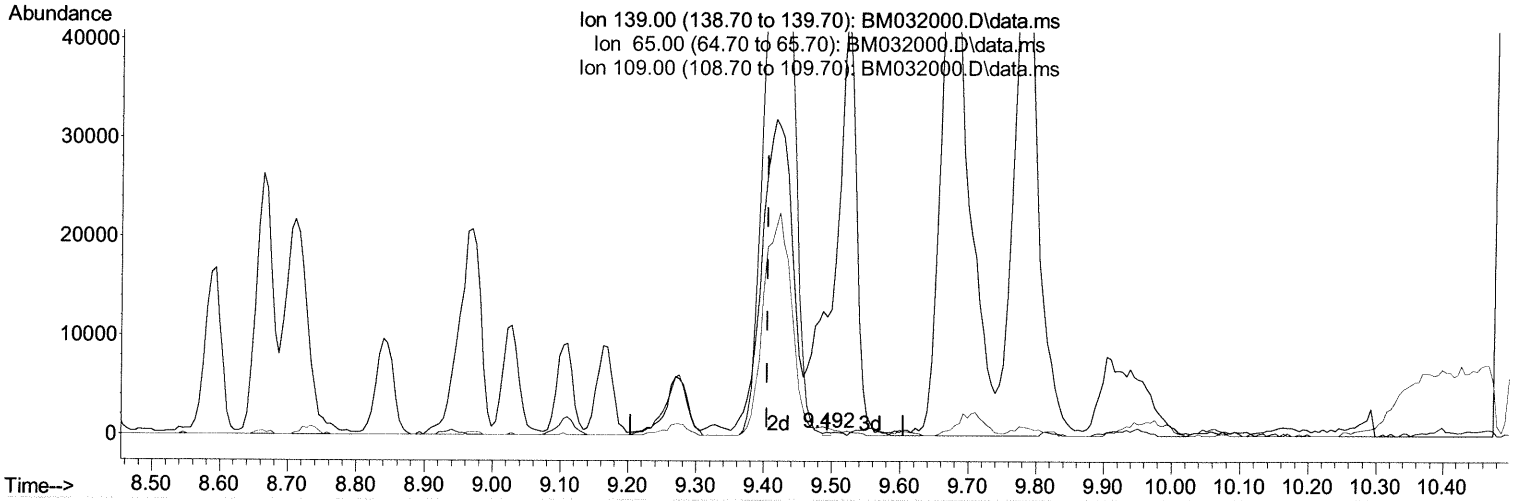
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

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 9/1/2021 4:03:44 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



(25) 2-Nitrophenol (C)

9.492min (+ 0.088) 0.04 ng/ul

response 177

| Ion    | Exp%   | Act%     |
|--------|--------|----------|
| 139.00 | 100.00 | 100.00   |
| 65.00  | 54.60  | 4111.72# |
| 109.00 | 30.00  | 252.07#  |
| 0.00   | 0.00   | 0.00     |

# Quantitation Report (Qedit)

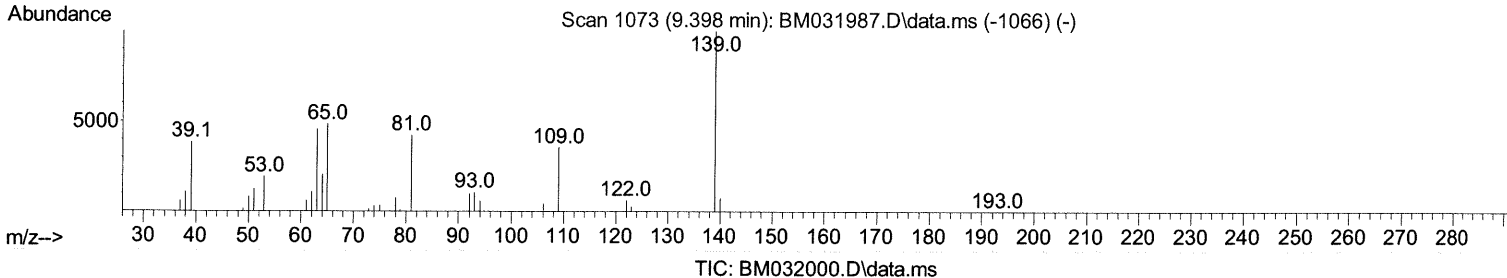
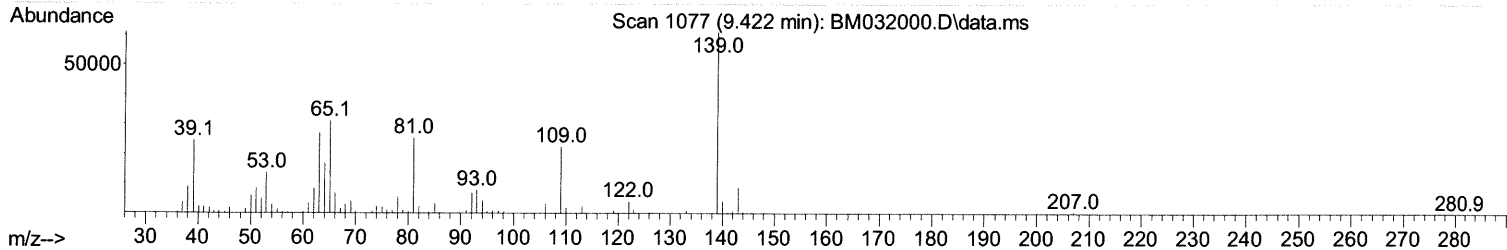
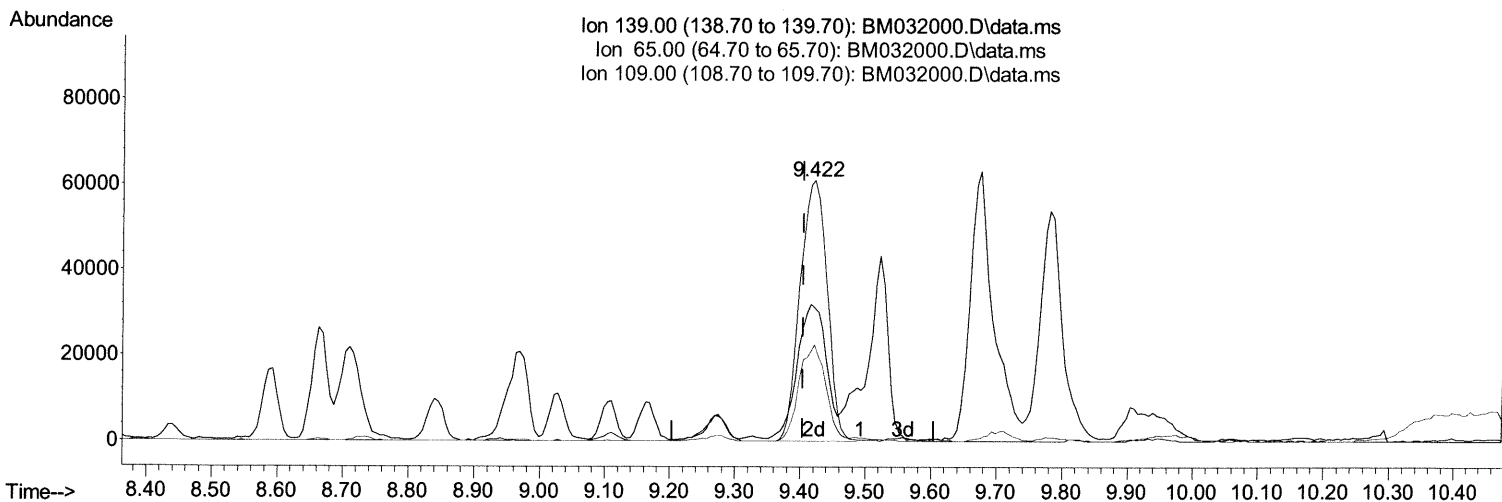
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

mohammad  
 9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



(25) 2-Nitrophenol (C)

9.422min (+ 0.018) 43.03 ng/ul m 09/09/21 JU

response 175581

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 139.00 | 100.00 | 100.00 |
| 65.00  | 54.60  | 51.11  |
| 109.00 | 30.00  | 36.89# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

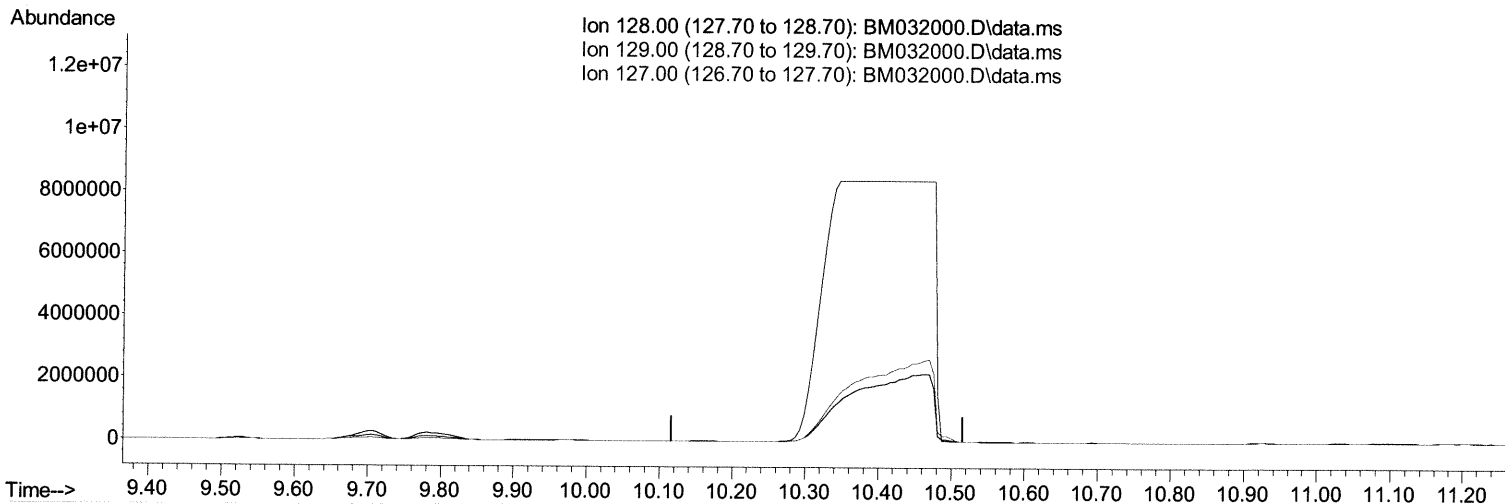
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

mohammad  
 9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



## (30) Naphthalene

10.316min (-10.316) 0.00 ng/ul

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 128.00 | 100.00 | 0.00  |
| 129.00 | 11.20  | 0.00# |
| 127.00 | 13.20  | 0.00# |
| 0.00   | 0.00   | 0.00  |

# Quantitation Report (Qedit)

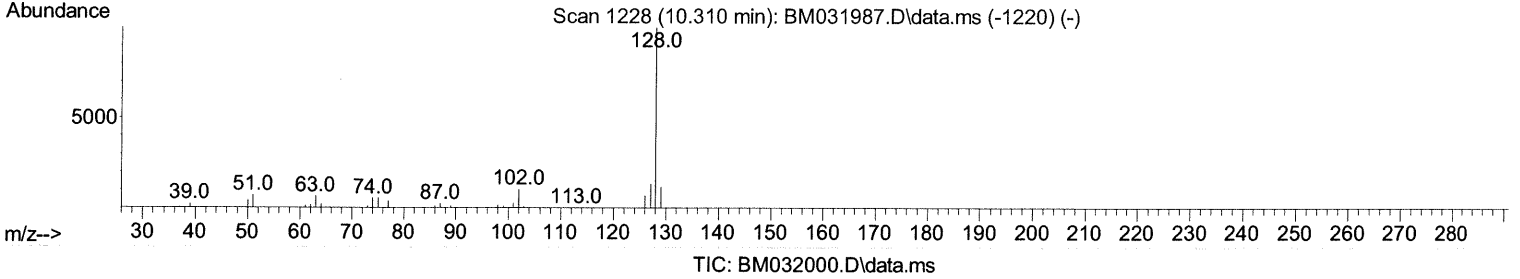
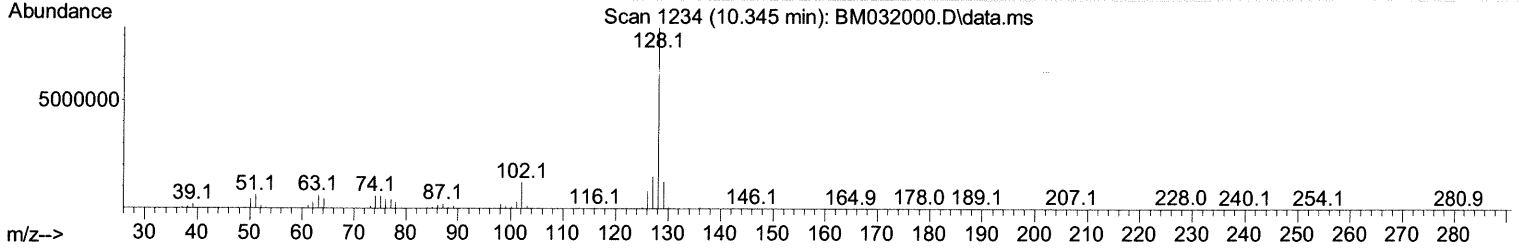
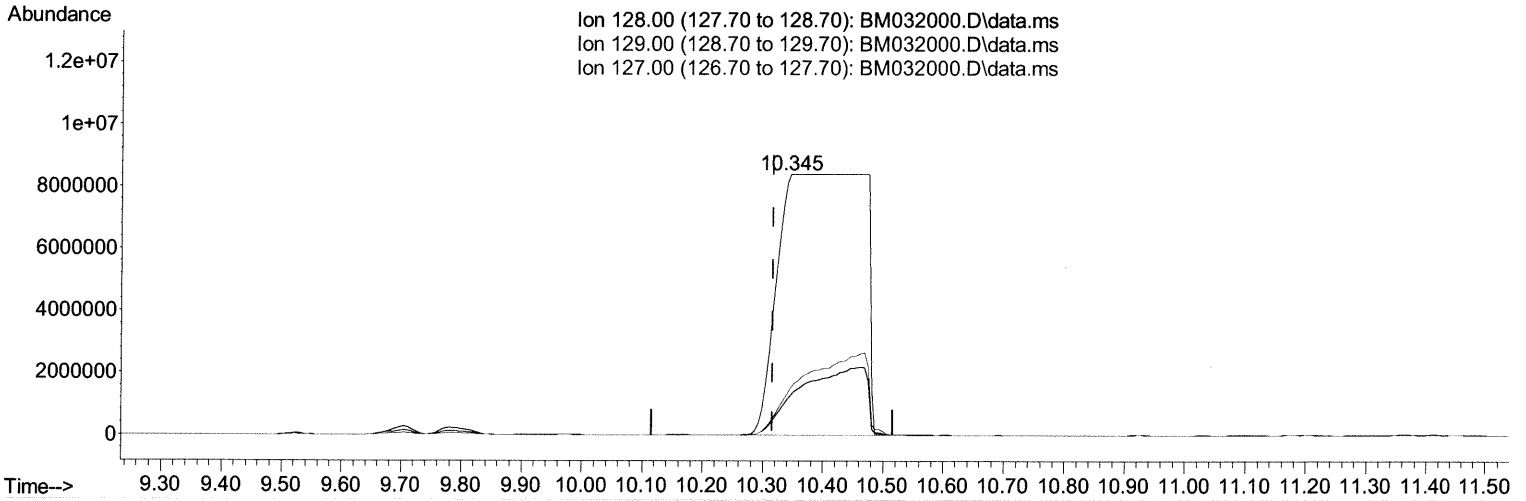
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
 APPROVED

mohammad  
 9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



## (30) Naphthalene

10.345min (+ 0.029) 3578.86 ng/ul m 09/09/21 JU

response 81635135

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 129.00 | 11.20  | 15.05# |
| 127.00 | 13.20  | 17.71# |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

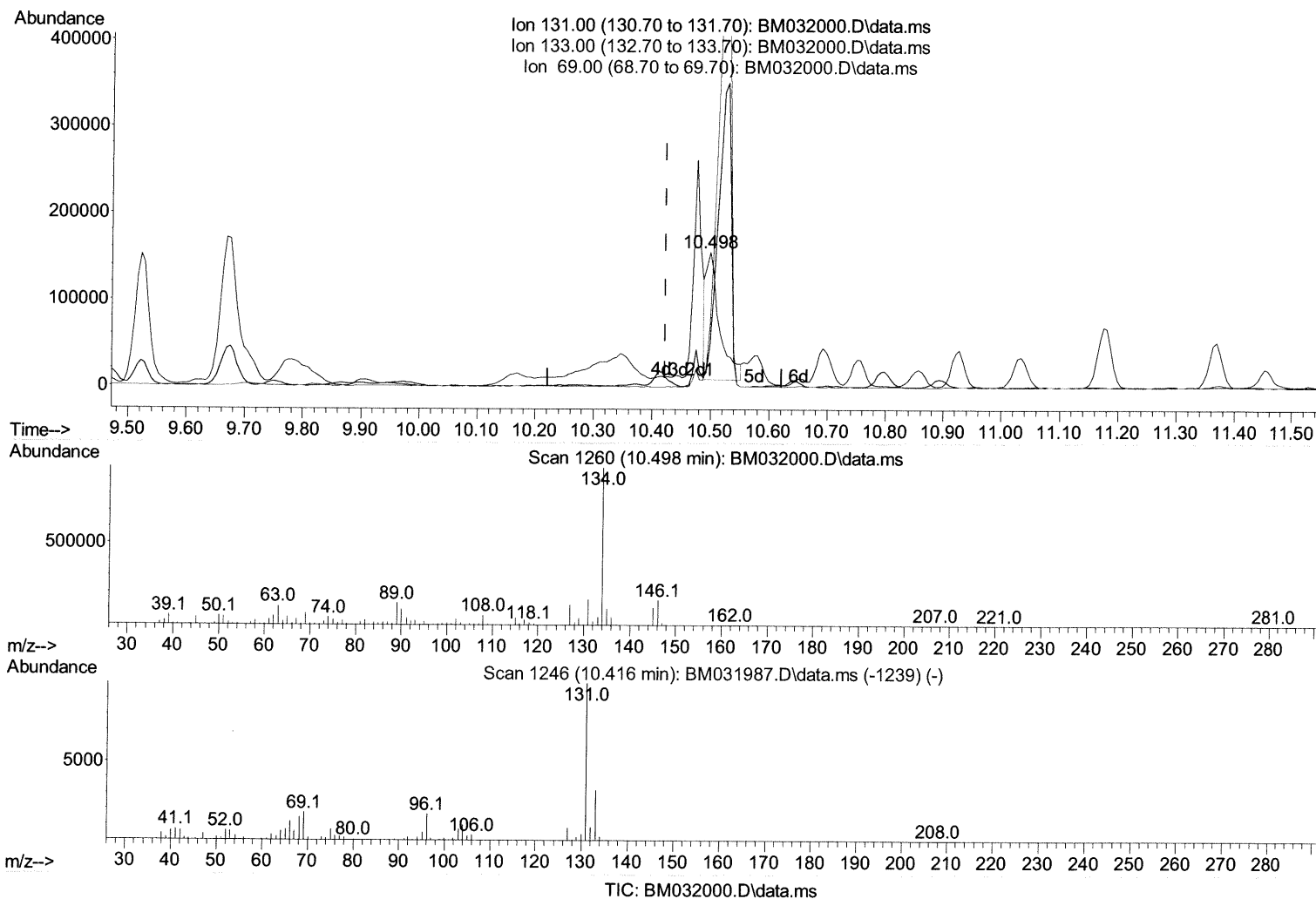
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
Data File : BM032000.D  
Acq On : 01 Sep 2021 00:36  
Operator : CG/JU  
Sample : M3494-03MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YAS54MS

Manual Integrations  
APPROVED

mohammad  
9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 30 09:21:30 2021  
Response via : Initial Calibration



(31) 4-Chloroaniline-d4 (S)

10.498min (+ 0.076) 21.65 ng/ul

response 240020

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.60  | 31.96  |
| 69.00  | 17.80  | 46.26# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

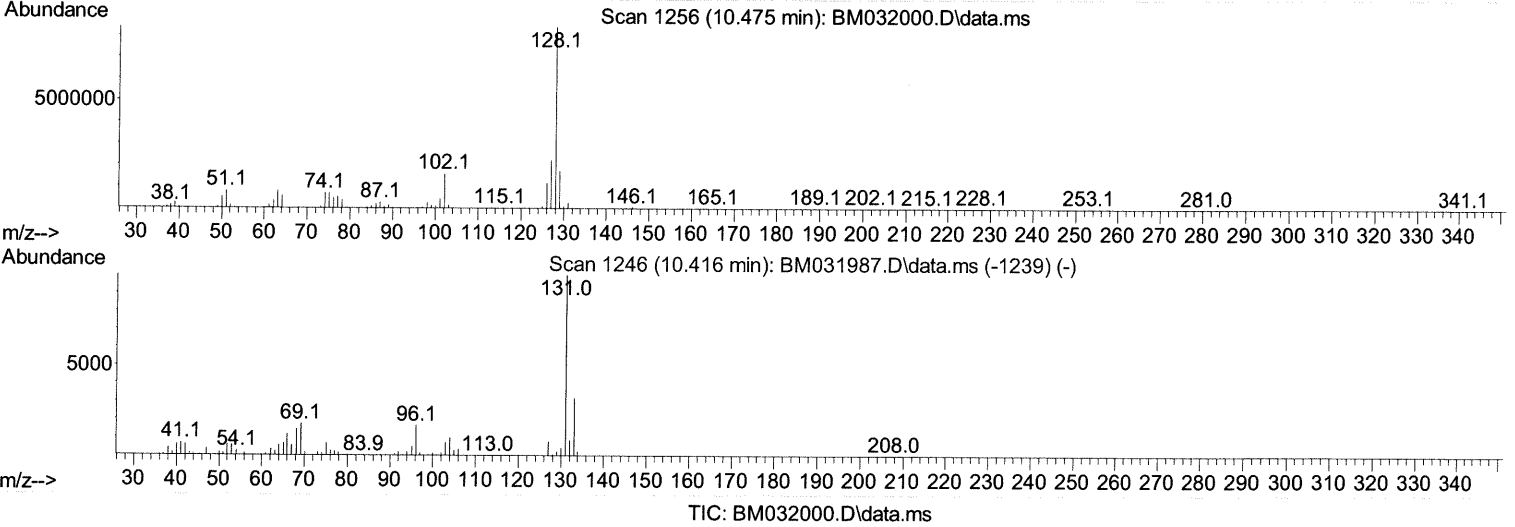
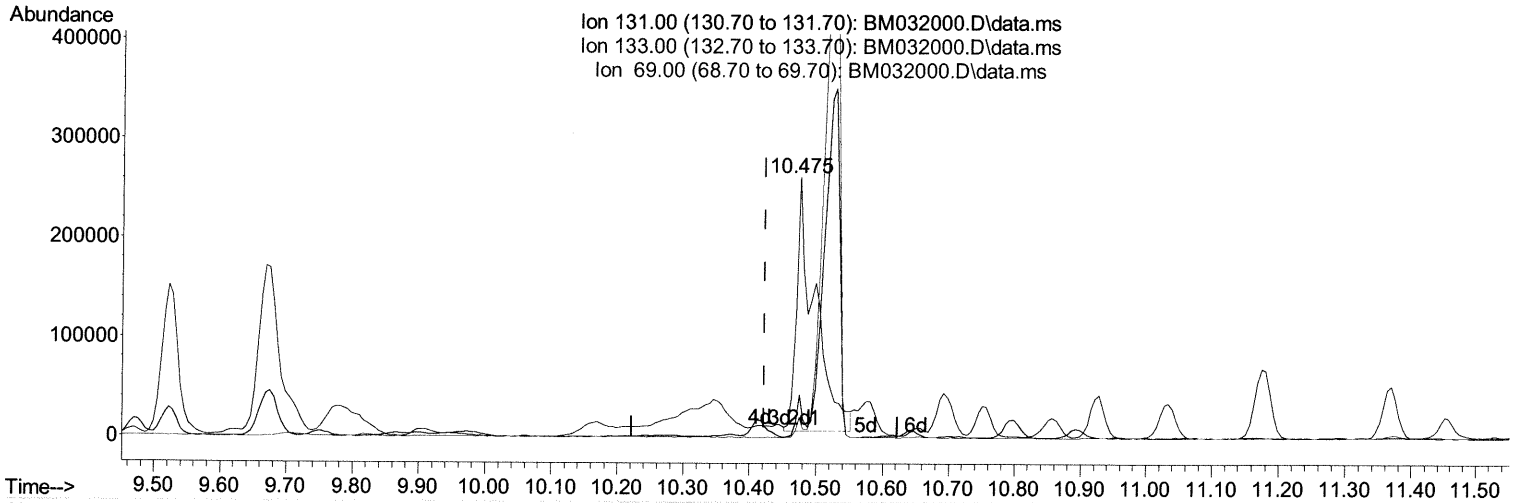
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



(31) 4-Chloroaniline-d4 (S)

10.475min (+ 0.053) 44.25 ng/ul m 09/09/21 JU

response 490533

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.60  | 16.31# |
| 69.00  | 17.80  | 7.59#  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

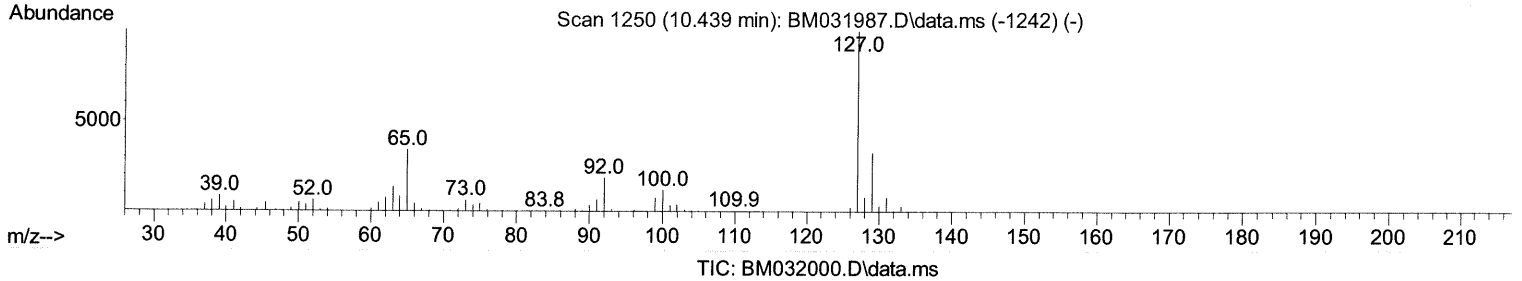
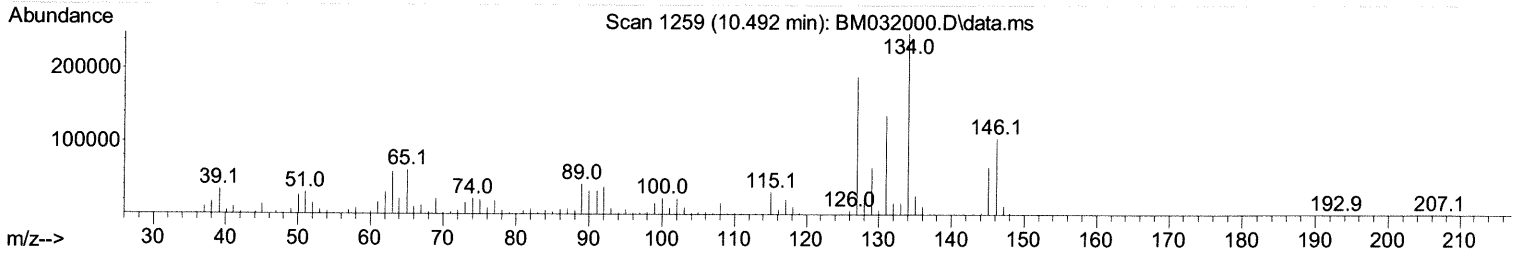
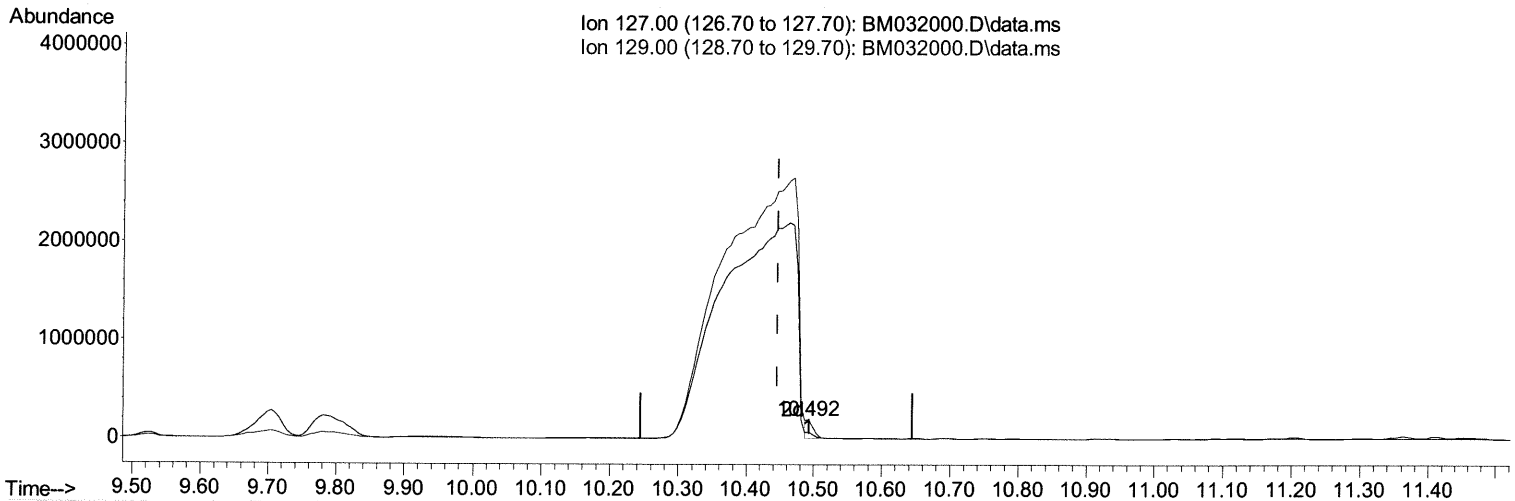
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



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(32) 4-Chloroaniline

10.492min (+ 0.047) 11.66 ng/ul

response 128884

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 127.00 | 100.00 | 100.00 |
| 129.00 | 32.00  | 33.79  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

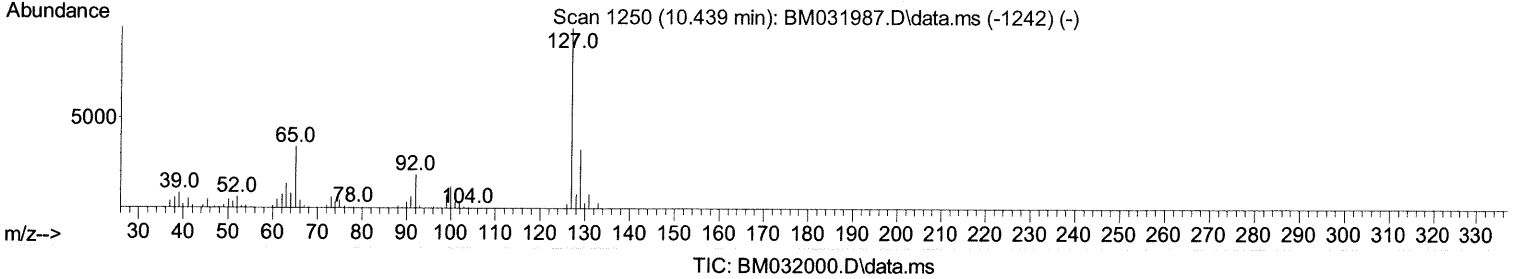
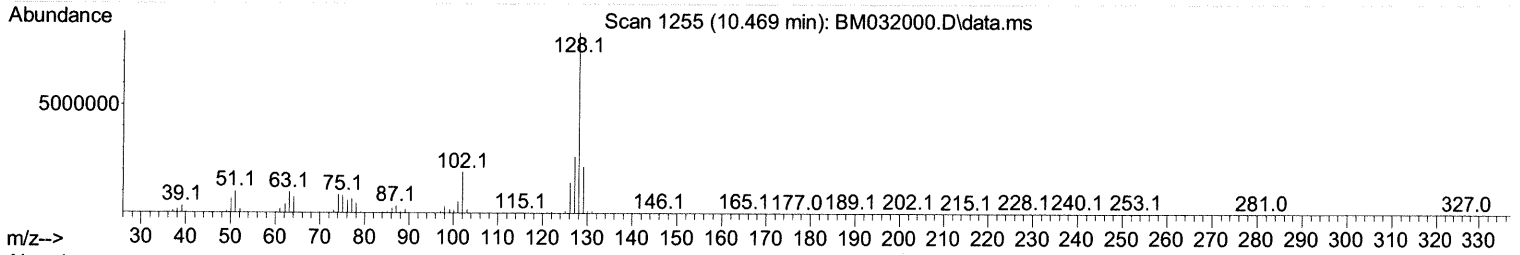
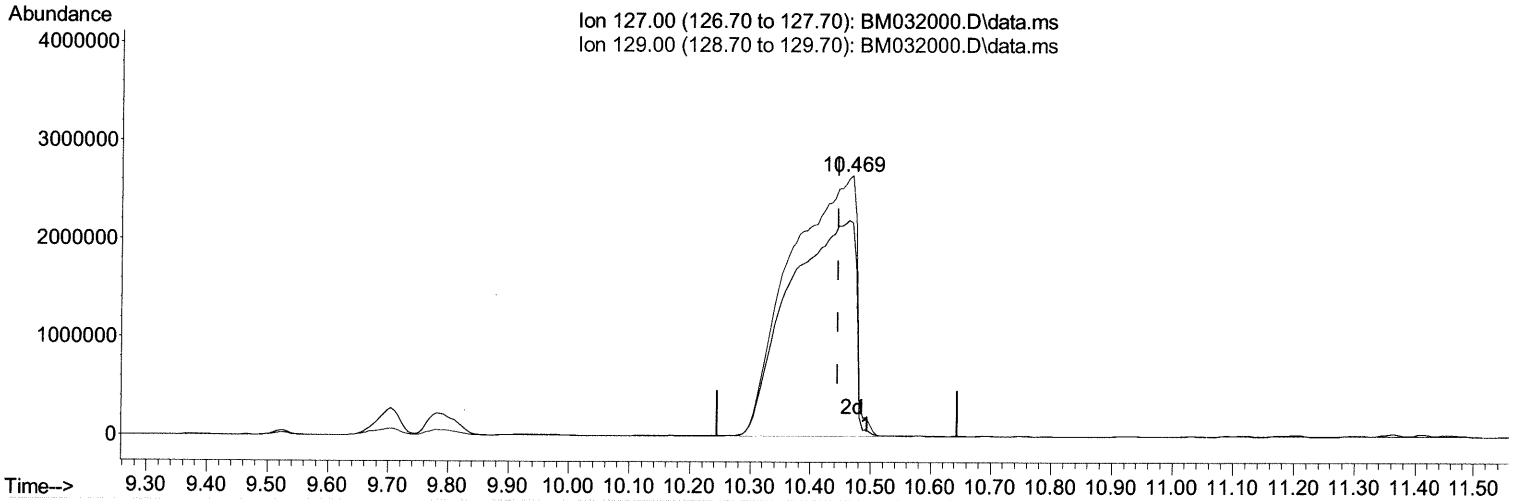
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



(32) 4-Chloroaniline

10.469min (+ 0.024) 1799.91 ng/ul m 09/09/21 JU

response 19902420

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 127.00 | 100.00 | 100.00 |
| 129.00 | 32.00  | 81.83# |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

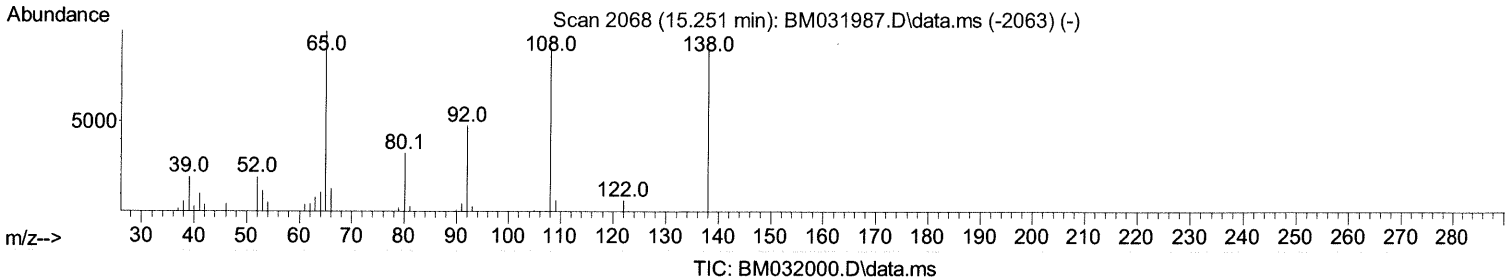
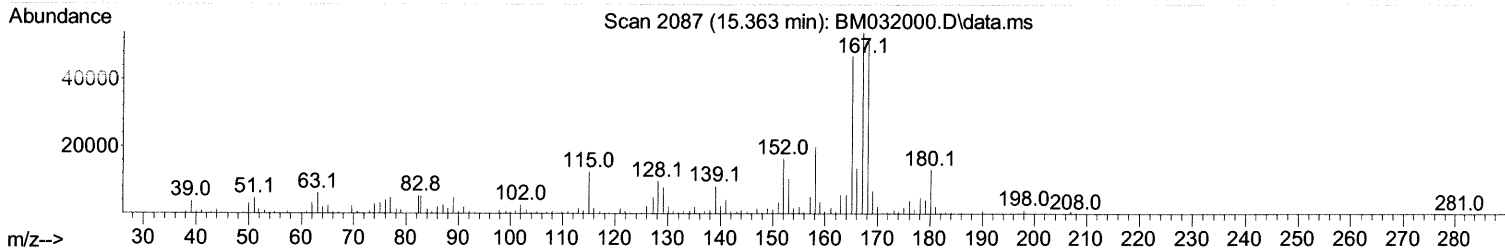
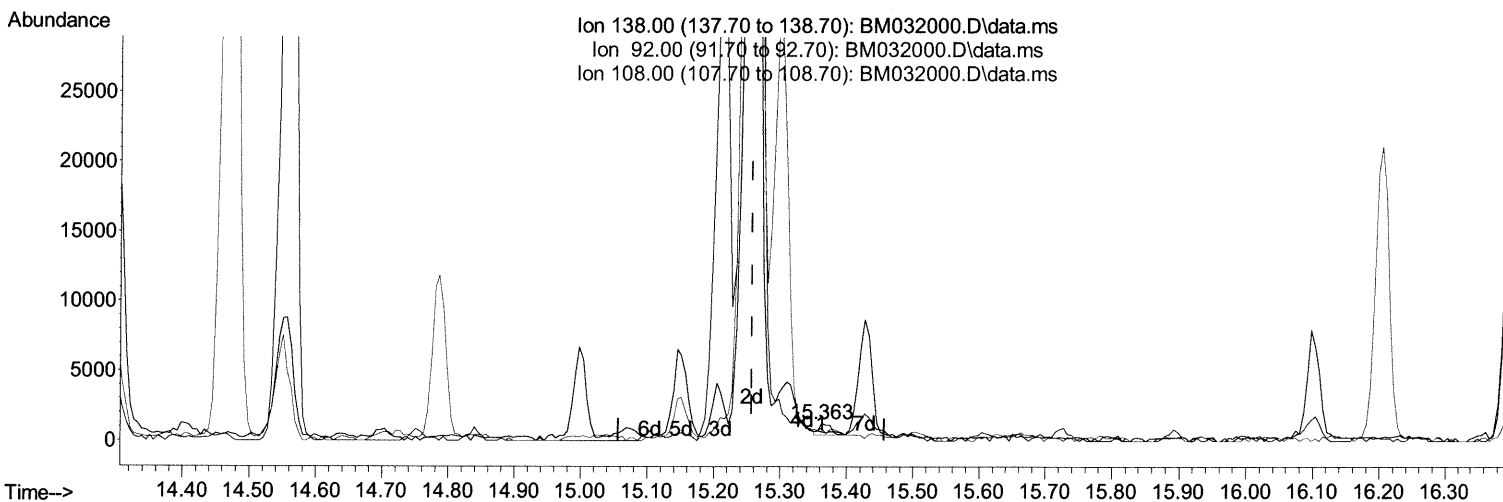
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



(63) 4-Nitroaniline

15.363min (+ 0.106) 0.24 ng/ul

response 1145

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 51.90  | 53.35  |
| 108.00 | 76.80  | 73.61  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

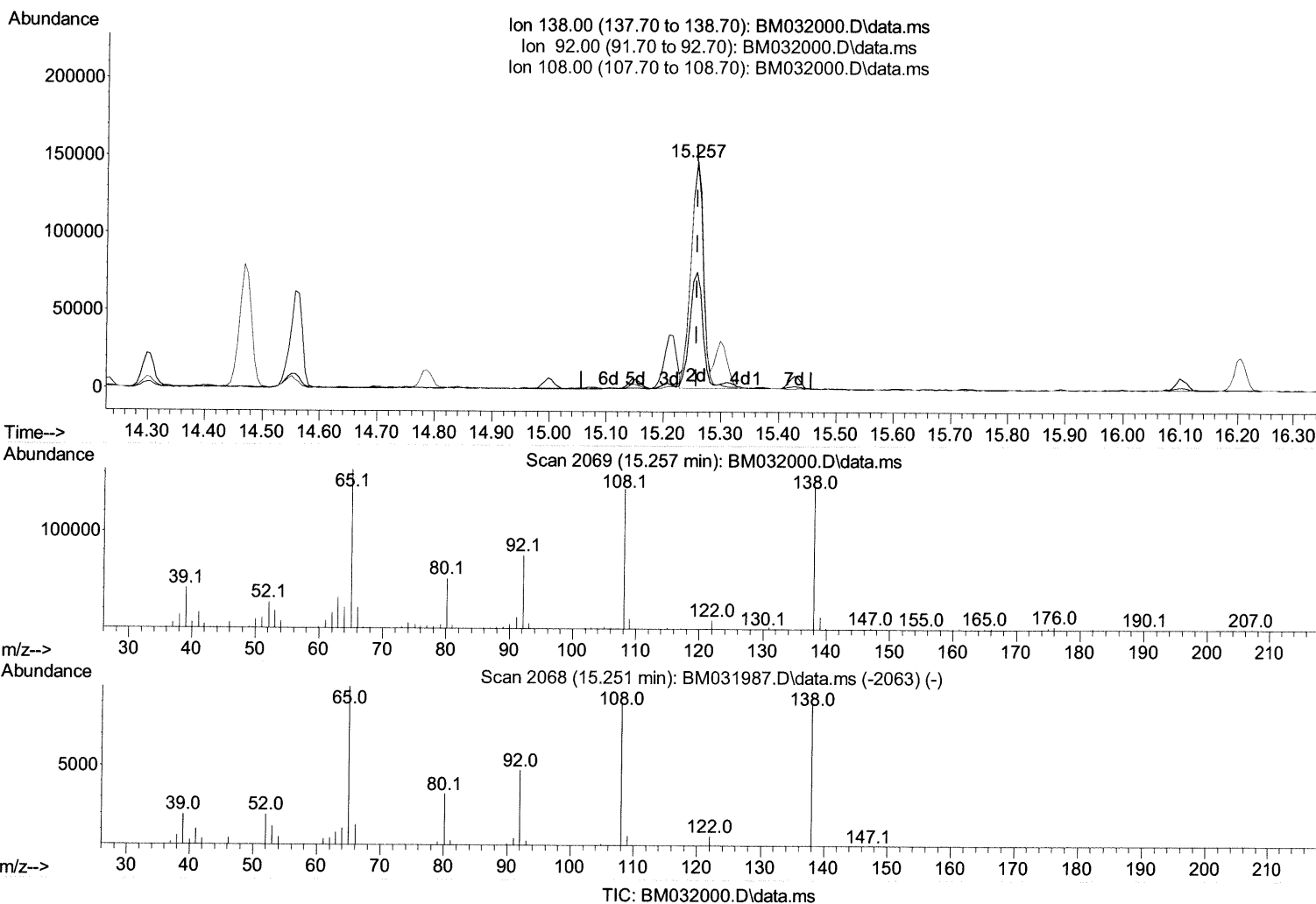
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



(63) 4-Nitroaniline

15.257min ( 0.000) 47.46 ng/ul m 09/09/21 JU

response 223198

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 51.90  | 51.34  |
| 108.00 | 76.80  | 98.35# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

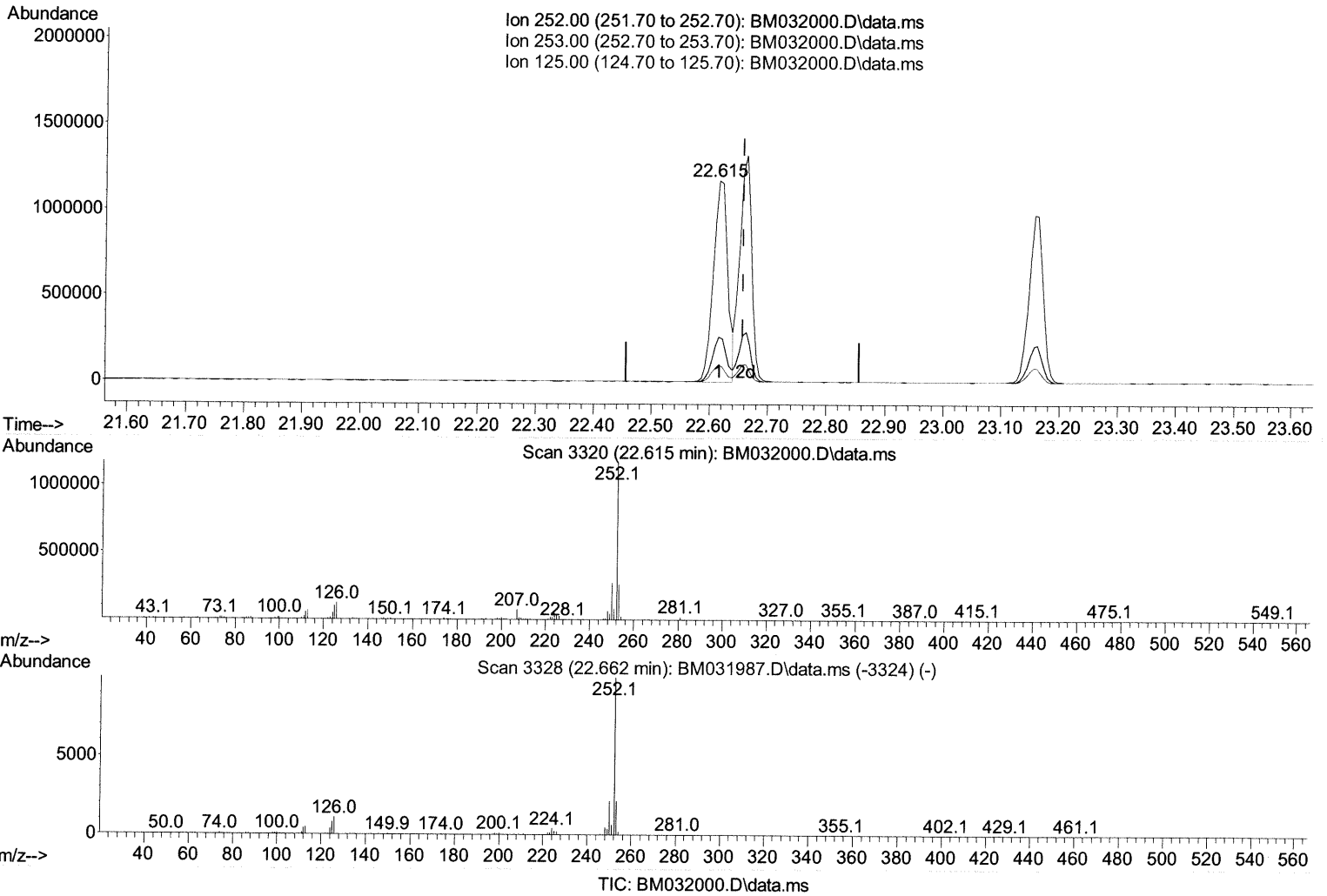
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



## (91) Benzo(k)fluoranthene

22.615min (-0.041) 49.35 ng/ul

response 2003359

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.80  | 22.33  |
| 125.00 | 9.90   | 8.35   |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

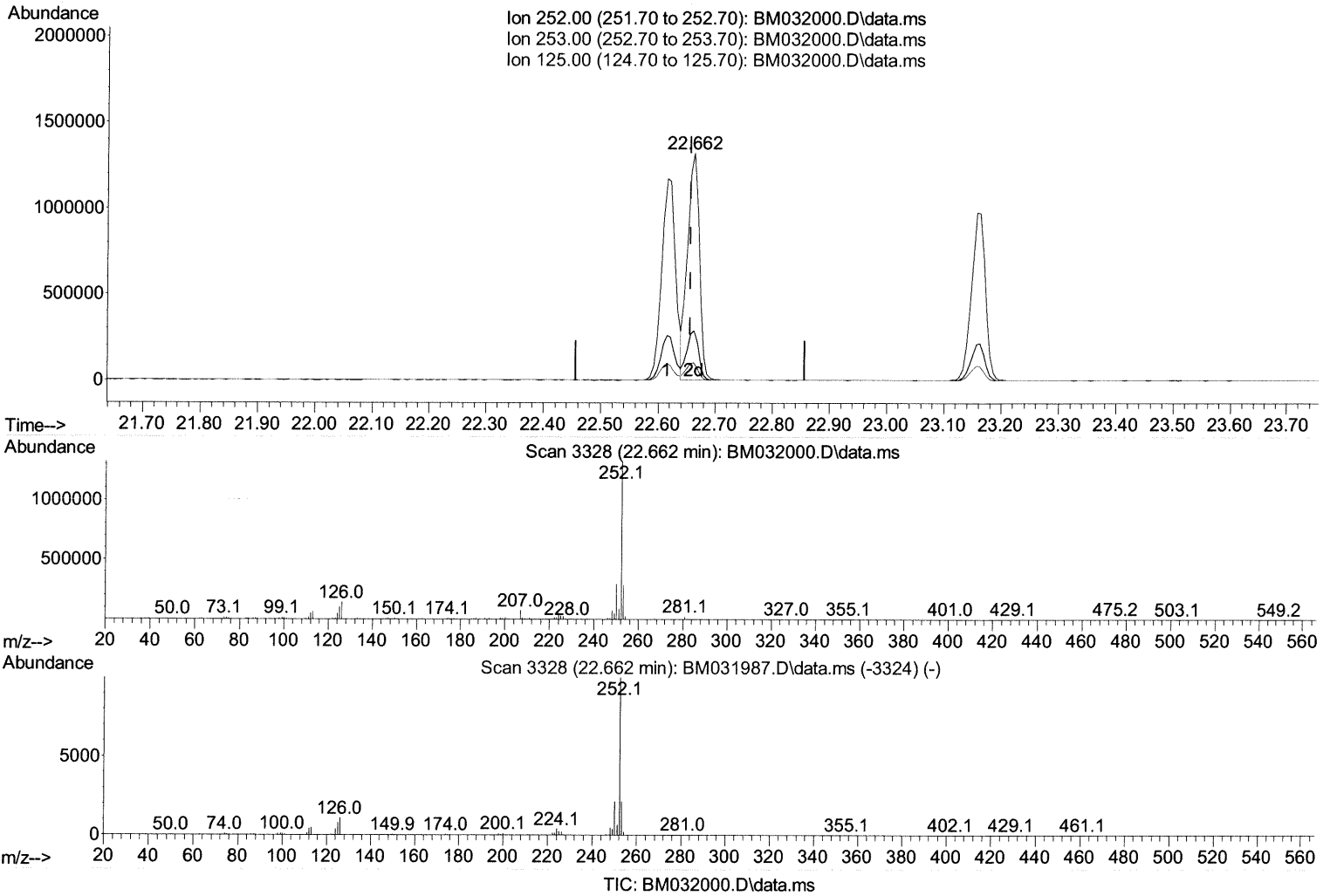
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.662min (+ 0.006) 47.01 ng/ul m 09/01/21 JU

response 1908331

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.80  | 21.84  |
| 125.00 | 9.90   | 7.67#  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

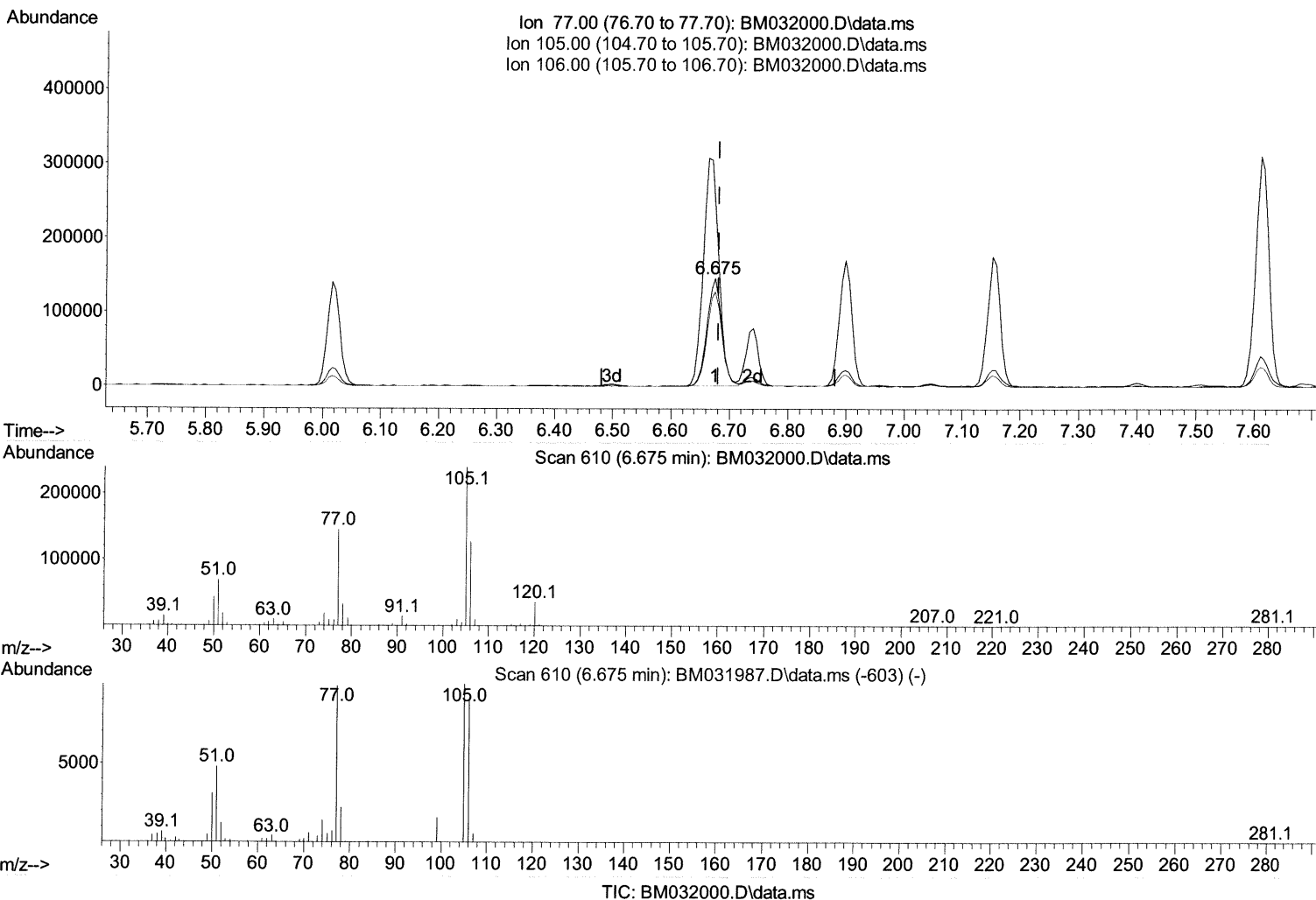
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



## (6) Benzaldehyde

6.675min (-0.006) 59.15 ng/ul

response 251429

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 77.00  | 100.00 | 100.00  |
| 105.00 | 102.80 | 164.67# |
| 106.00 | 93.70  | 87.56   |
| 0.00   | 0.00   | 0.00    |

# Quantitation Report (Qedit)

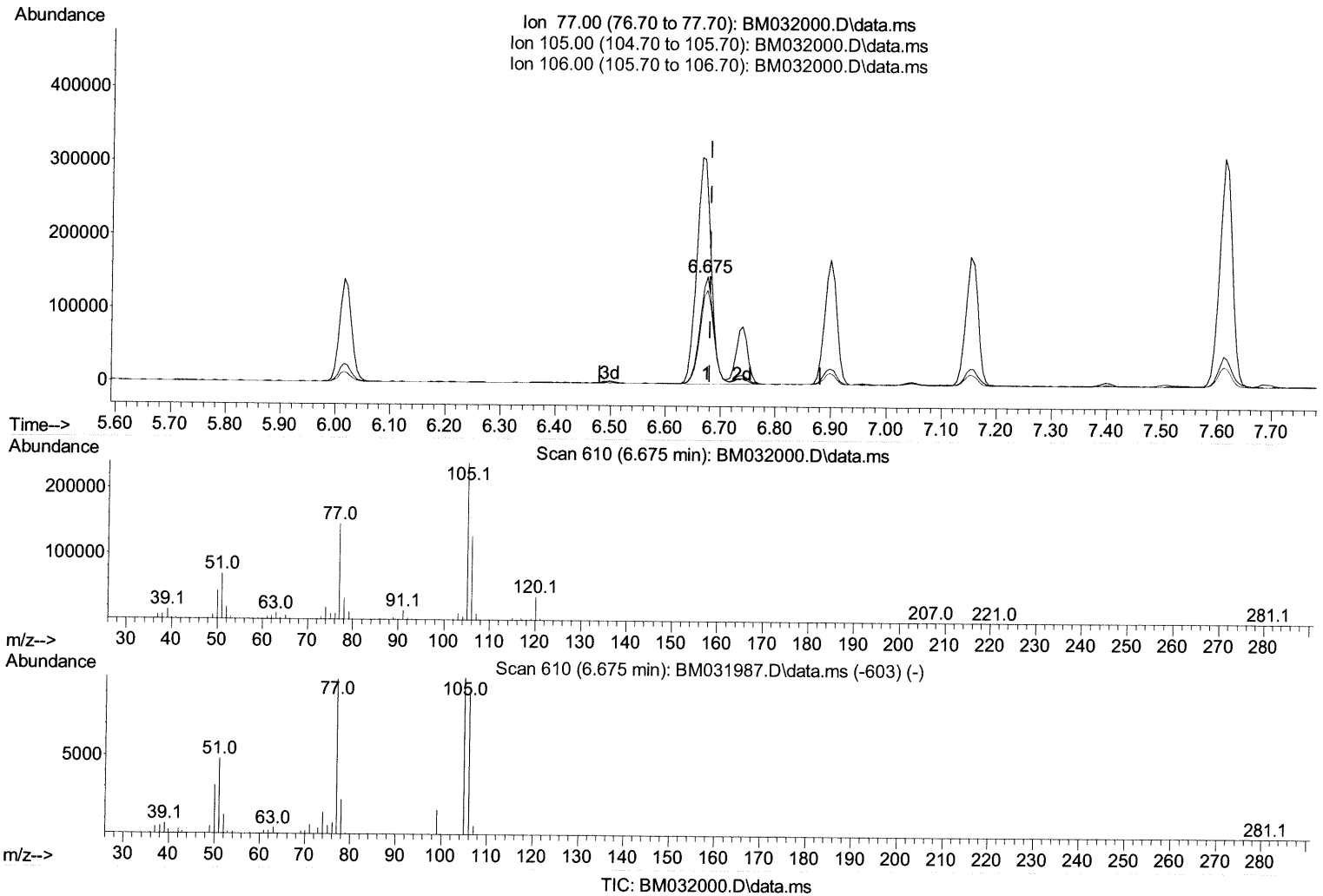
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration



## (6) Benzaldehyde

6.675min (-0.006) 64.54 ng/ul m 09/01/21 JU

response 274377

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 77.00  | 100.00 | 100.00  |
| 105.00 | 102.80 | 164.67# |
| 106.00 | 93.70  | 87.56   |
| 0.00   | 0.00   | 0.00    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 Qlast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response  | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|----------|--------|----------|
| Internal Standards            |        |      |           |          |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.504  | 152  | 113239    | 20.000   | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.339 | 136  | 455648m   | 20.000   | ng/ul  | 0.07     |
| 38) Acenaphthene-d10          | 14.151 | 164  | 382753    | 20.000   | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 16.904 | 188  | 809514    | 20.000   | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.109 | 240  | 808595    | 20.000   | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.244 | 264  | 658140    | 20.000   | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |           |          |        |          |
| 3) 1,4-Dioxane-d8             | 3.128  | 96   | 10439     | 4.253    | ng/ul  | 0.00     |
| 4) Pyridine-d5                | 3.534  | 84   | 27105m    | 3.889    | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 6.698  | 99   | 65065     | 6.929    | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.863  | 67   | 179894    | 33.111   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.045  | 132  | 197284    | 27.302   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.222  | 113  | 134434    | 16.687   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.669  | 128  | 168756m   | 50.992   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.381  | 143  | 162773    | 41.559   | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 9.934  | 165  | 289721    | 36.869   | ng/ul  | 0.03     |
| 31) 4-Chloroaniline-d4        | 10.475 | 131  | 490533m   | 44.253   | ng/ul  | 0.05     |
| 46) Dimethylphthalate-d6      | 13.580 | 166  | 1091840   | 37.699   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.839 | 160  | 1325114   | 38.634   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.392 | 143  | 43067     | 8.215    | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.151 | 176  | 967604    | 38.006   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.298 | 200  | 204307    | 36.730   | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.004 | 188  | 1586768   | 41.297   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.309 | 212  | 1789363   | 47.245   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.115 | 264  | 1430739   | 41.364   | ng/ul  | 0.00     |
| Target Compounds              |        |      |           |          |        |          |
| 2) 1,4-Dioxane                | 3.157  | 88   | 11142     | 3.766    | ng/ul  | 91       |
| 5) Pyridine                   | 3.552  | 79   | 42326     | 5.907    | ng/ul# | 85       |
| 6) Benzaldehyde               | 6.675  | 77   | 274377m   | 64.544   | ng/ul  | >        |
| 8) Phenol                     | 6.728  | 94   | 72854     | 7.710    | ng/ul  | 91       |
| 10) Bis(2-Chloroethyl)ether   | 6.957  | 93   | 251643    | 34.966   | ng/ul  | 93       |
| 12) 2-Chlorophenol            | 7.075  | 128  | 211582    | 29.323   | ng/ul  | 96       |
| 13) 2-Methylphenol            | 7.957  | 108  | 150437    | 20.649   | ng/ul  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.040  | 45   | 316581    | 33.849   | ng/ul# | 87       |
| 16) Acetophenone              | 8.339  | 105  | 443649    | 35.160   | ng/ul  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.334  | 70   | 227674    | 36.985   | ng/ul  | 94       |
| 18) 4-Methylphenol            | 8.287  | 108  | 146184    | 18.069   | ng/ul  | 95       |
| 19) Hexachloroethane          | 8.551  | 117  | 116958    | 37.838   | ng/ul  | 96       |
| 22) Nitrobenzene              | 8.710  | 77   | 392730m   | 47.005   | ng/ul  | >        |
| 23) Isophorone                | 9.275  | 82   | 640170    | 41.630   | ng/ul# | 96       |
| 25) 2-Nitrophenol             | 9.422  | 139  | 175581m   | 43.034   | ng/ul  | >        |
| 26) 2,4-Dimethylphenol        | 9.486  | 107  | 288761    | 34.768   | ng/ul  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 9.781  | 93   | 387384    | 42.497   | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 9.975  | 162  | 293489    | 39.265   | ng/ul  | 95       |
| 30) Naphthalene               | 10.345 | 128  | 81635135m | 3578.859 | ng/ul  | >        |
| 33) Hexachlorobutadiene       | 10.610 | 225  | 203869    | 41.114   | ng/ul  | 98       |
| 34) Caprolactam               | 11.328 | 113  | 14058     | 5.642    | ng/ul# | 77       |
| 35) 4-Chloro-3-methylphenol   | 11.586 | 107  | 279802    | 35.696   | ng/ul  | 96       |
| 36) 2-Methylnaphthalene       | 11.975 | 142  | 17362802  | 965.398  | ng/ul  | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM083021\  
 Data File : BM032000.D  
 Acq On : 01 Sep 2021 00:36  
 Operator : CG/JU  
 Sample : M3494-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAS54MS

Manual Integrations  
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Quant Time: Sep 01 02:29:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM082821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 30 09:21:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response   | Conc    | Units   | Dev(Min)    |
|-------------------------------|--------|------|------------|---------|---------|-------------|
| 37) 1-Methylnaphthalene       | 12.192 | 142  | 9721859    | 530.708 | ng/ul   | 98          |
| 39) 1,2,4,5-Tetrachloroben... | 12.316 | 216  | 456447     | 41.544  | ng/ul   | 98          |
| 40) Hexachlorocyclopentadiene | 12.286 | 237  | 159563     | 26.982  | ng/ul   | 99          |
| 41) 2,4,6-Trichlorophenol     | 12.563 | 196  | 305671     | 41.529  | ng/ul   | 96          |
| 42) 2,4,5-Trichlorophenol     | 12.633 | 196  | 327293     | 40.947  | ng/ul   | 100         |
| 43) 1,1'-Biphenyl             | 12.974 | 154  | 3329314    | 123.660 | ng/ul   | 98          |
| 44) 2-Chloronaphthalene       | 13.010 | 162  | 866951     | 40.645  | ng/ul   | 99          |
| 45) 2-Nitroaniline            | 13.245 | 65   | 238474     | 40.581  | ng/ul   | 91          |
| 47) Dimethylphthalate         | 13.627 | 163  | 1133953    | 39.874  | ng/ul   | 100         |
| 48) 2,6-Dinitrotoluene        | 13.757 | 165  | 247660     | 44.144  | ng/ul   | 93          |
| 50) Acenaphthylene            | 13.869 | 152  | 1311264    | 41.548  | ng/ul   | 97          |
| 51) 3-Nitroaniline            | 14.086 | 138  | 211649     | 40.312  | ng/ul   | 90          |
| 52) Acenaphthene              | 14.227 | 153  | 7935344    | 346.198 | ng/ul   | 97          |
| 53) 2,4-Dinitrophenol         | 14.304 | 184  | 145491     | 37.090  | ng/ul#  | 9           |
| 55) 4-Nitrophenol             | 14.404 | 109  | 40646      | 8.398   | ng/ul   | 87          |
| 56) Dibenzofuran              | 14.563 | 168  | 5459252    | 161.500 | ng/ul   | 97          |
| 57) 2,4-Dinitrotoluene        | 14.551 | 165  | 376201     | 44.708  | ng/ul#  | 43          |
| 58) 2,3,4,6-Tetrachlorophenol | 14.786 | 232  | 302787     | 42.197  | ng/ul#  | 98          |
| 59) Diethylphthalate          | 14.998 | 149  | 1201120    | 41.325  | ng/ul   | 99          |
| 61) Fluorene                  | 15.216 | 166  | 4091954    | 143.064 | ng/ul   | 100         |
| 62) 4-Chlorophenyl-phenyle... | 15.210 | 204  | 604715     | 41.282  | ng/ul   | 99          |
| 63) 4-Nitroaniline            | 15.257 | 138  | 223198m >  | 47.459  | ng/ul > | 09/09/21 JU |
| 66) 4,6-Dinitro-2-methylph... | 15.316 | 198  | 214207     | 39.605  | ng/ul   | 99          |
| 67) N-Nitrosodiphenylamine    | 15.427 | 169  | 1031355    | 44.364  | ng/ul   | 99          |
| 68) 4-Bromophenyl-phenylether | 16.104 | 248  | 371012     | 44.724  | ng/ul   | 98          |
| 69) Hexachlorobenzene         | 16.204 | 284  | 430418     | 44.688  | ng/ul   | 99          |
| 70) Atrazine                  | 16.404 | 200  | 386147     | 44.086  | ng/ul   | 98          |
| 71) Pentachlorophenol         | 16.563 | 266  | 272240     | 43.224  | ng/ul   | 98          |
| 72) Phenanthrene              | 16.951 | 178  | 4134503    | 93.513  | ng/ul   | 99          |
| 74) Anthracene                | 17.039 | 178  | 2141803    | 47.333  | ng/ul   | 99          |
| 75) 1,2,3,4-Tetrachloroben... | 12.927 | 216  | 464806     | 44.123  | ng/ul   | 99          |
| 76) Pentachlorobenzene        | 14.474 | 250  | 477059     | 43.167  | ng/ul   | 99          |
| 77) Carbazole                 | 17.339 | 167  | 9479780    | 228.907 | ng/ul   | 96          |
| 78) Di-n-butylphthalate       | 17.892 | 149  | 2183682    | 46.016  | ng/ul   | 100         |
| 80) Fluoranthene              | 18.974 | 202  | 2255898    | 49.018  | ng/ul#  | 94          |
| 82) Pyrene                    | 19.339 | 202  | 2325776    | 47.733  | ng/ul   | 94          |
| 83) Butylbenzylphthalate      | 20.262 | 149  | 1010600    | 52.822  | ng/ul   | 95          |
| 84) 3,3'-Dichlorobenzidine    | 21.039 | 252  | 656078     | 36.041  | ng/ul   | 98          |
| 85) Benzo(a)anthracene        | 21.098 | 228  | 2194468    | 43.630  | ng/ul   | 98          |
| 86) Bis(2-ethylhexyl)phtha... | 21.045 | 149  | 1597816    | 51.784  | ng/ul#  | 96          |
| 87) Chrysene                  | 21.150 | 228  | 2096160    | 43.328  | ng/ul   | 100         |
| 89) Di-n-octyl phthalate      | 21.897 | 149  | 2634608    | 58.677  | ng/ul   | 100         |
| 90) Benzo(b)fluoranthene      | 22.615 | 252  | 2003359    | 47.777  | ng/ul   | 99          |
| 91) Benzo(k)fluoranthene      | 22.662 | 252  | 1908331m > | 47.010  | ng/ul > | 09/09/21 JU |
| 93) Benzo(a)pyrene            | 23.156 | 252  | 1651651    | 43.619  | ng/ul   | 98          |
| 94) Indeno(1,2,3-cd)pyrene    | 25.362 | 276  | 1851480    | 38.205  | ng/ul   | 95          |
| 95) Dibenzo(a,h)anthracene    | 25.368 | 278  | 1579236    | 38.747  | ng/ul   | 97          |
| 96) Benzo(g,h,i)perylene      | 26.003 | 276  | 1481912    | 36.928  | ng/ul   | 95          |

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