

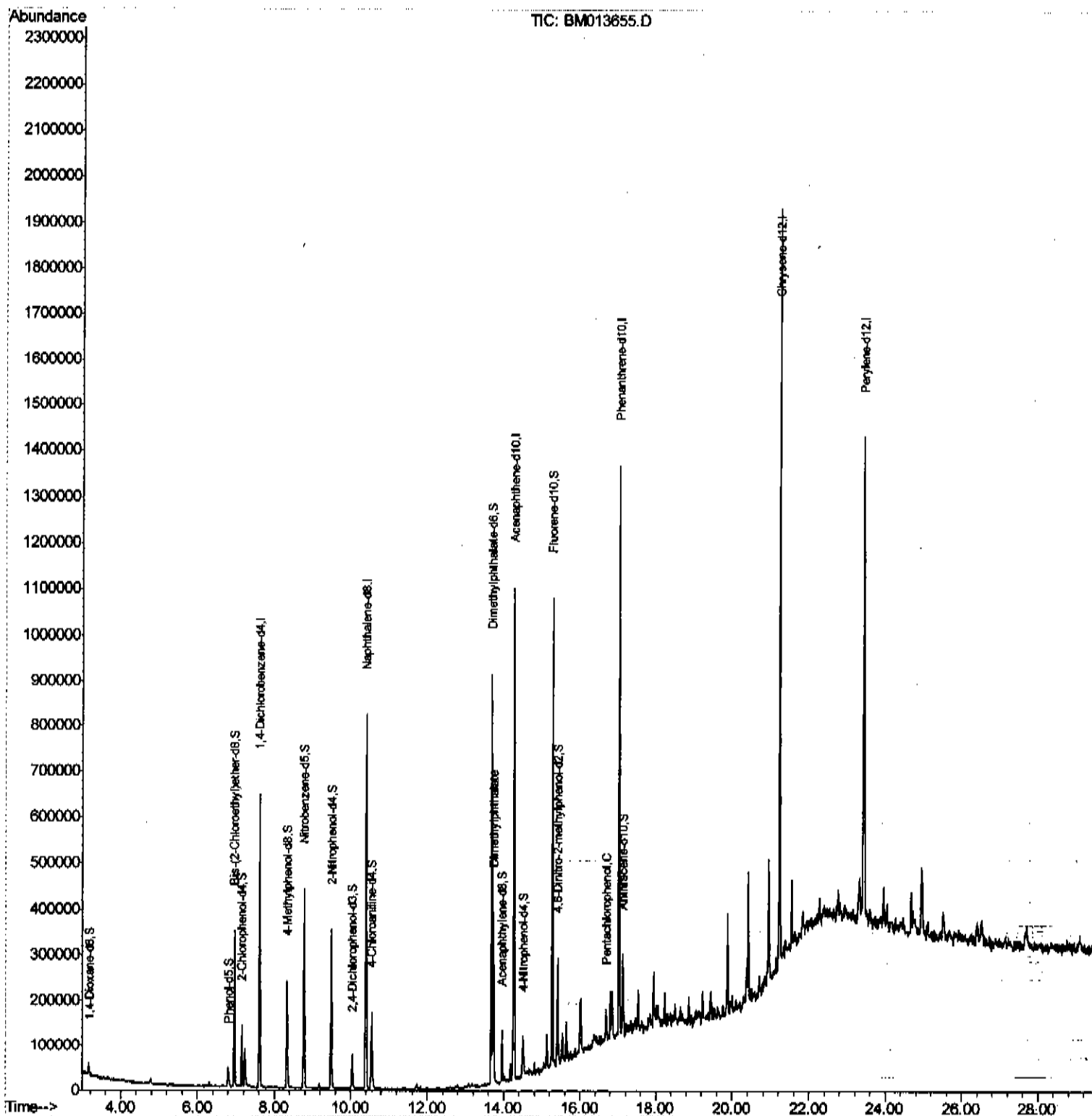
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\  
 Data File : BM013655.D  
 Acq On : 18 Jan 2018 23:36  
 Operator : SJ/JU  
 Sample : J1097-22  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 DAJQ4

Manual Integrations  
 APPROVED

Sohil  
 1/19/2018 9:50:11 AM

Quant Time: Jan 19 04:27:47 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 19 02:57:39 2018  
 Response via : Initial Calibration



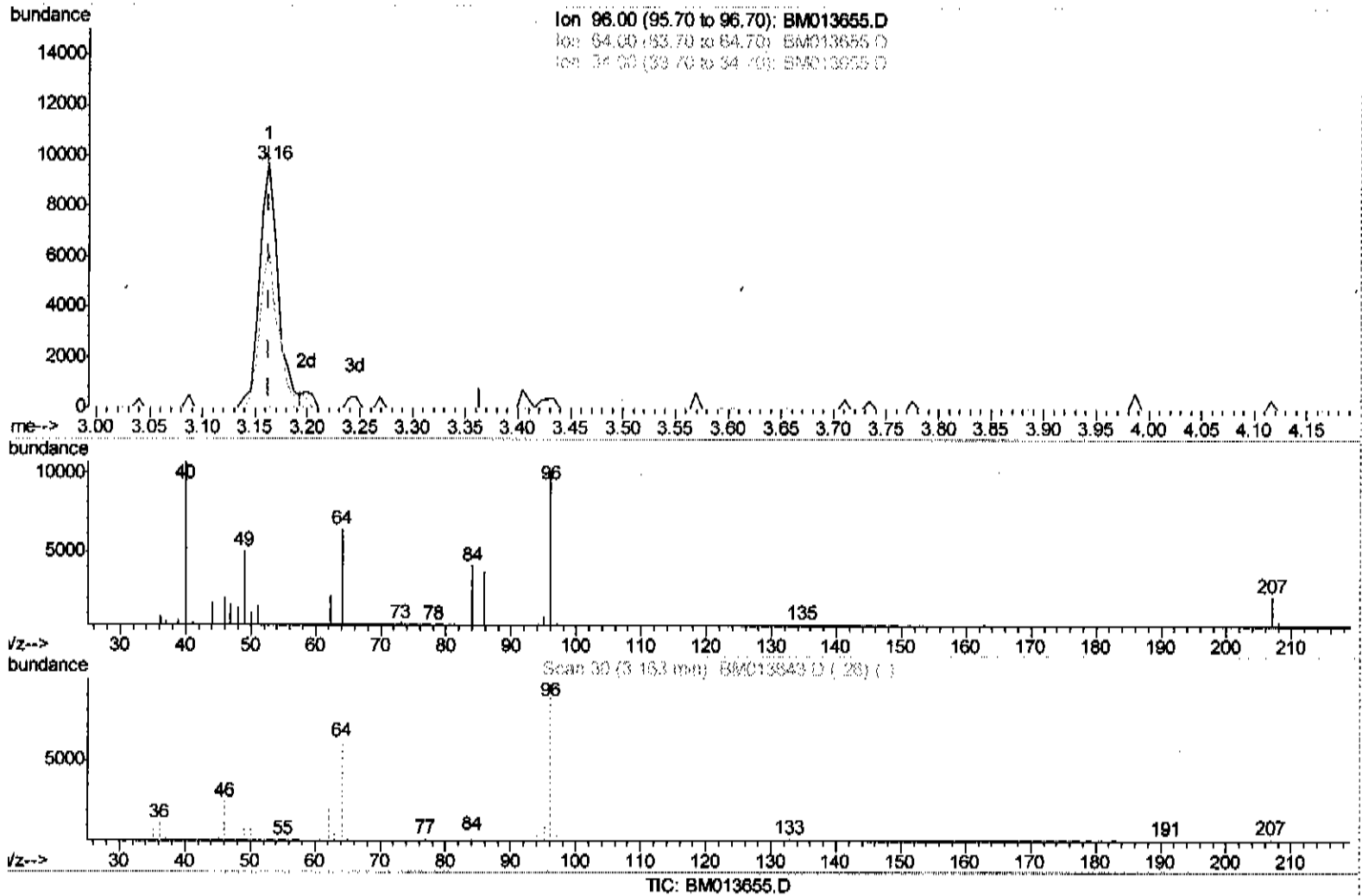
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Manual Integrations  
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Sohil  
 1/19/2018 9:50:11 AM

Quant Time: Jan 19 03:06:35 2018  
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 QLast Update : Fri Jan 19 02:57:39 2018  
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(3) 1,4-Dioxane-d8 (S)

3.163min (-0.000) 2.81ng/uL

response 11849

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 62.71 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

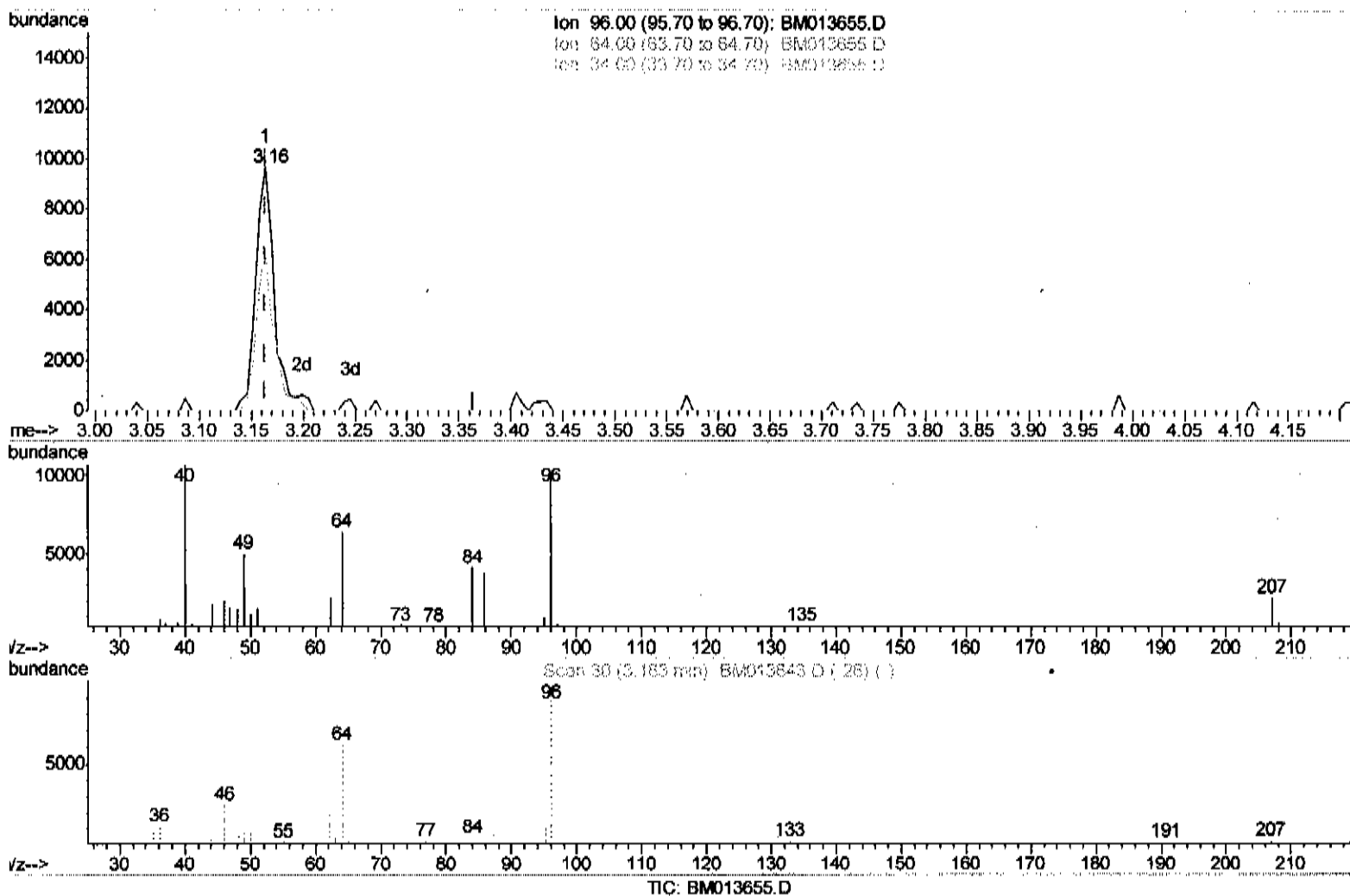
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\  
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 Acc On : 18 Jan 2018 23:36  
 Operator : SJ/JU  
 Sample : J1097-22  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.163min (-0.000) 2.90ng/uL m

SJ 1/19/18

response 12239

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 60.71 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

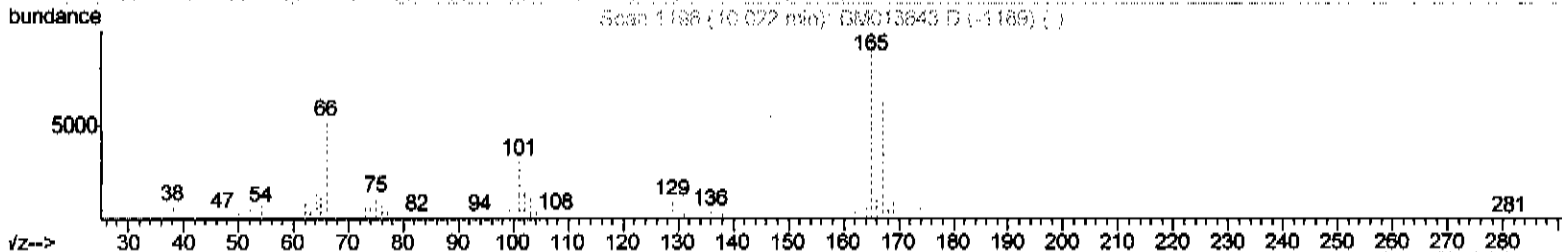
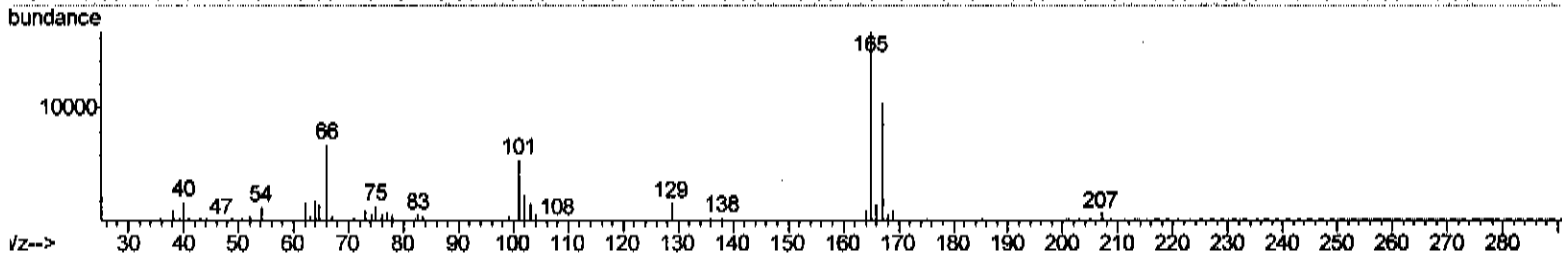
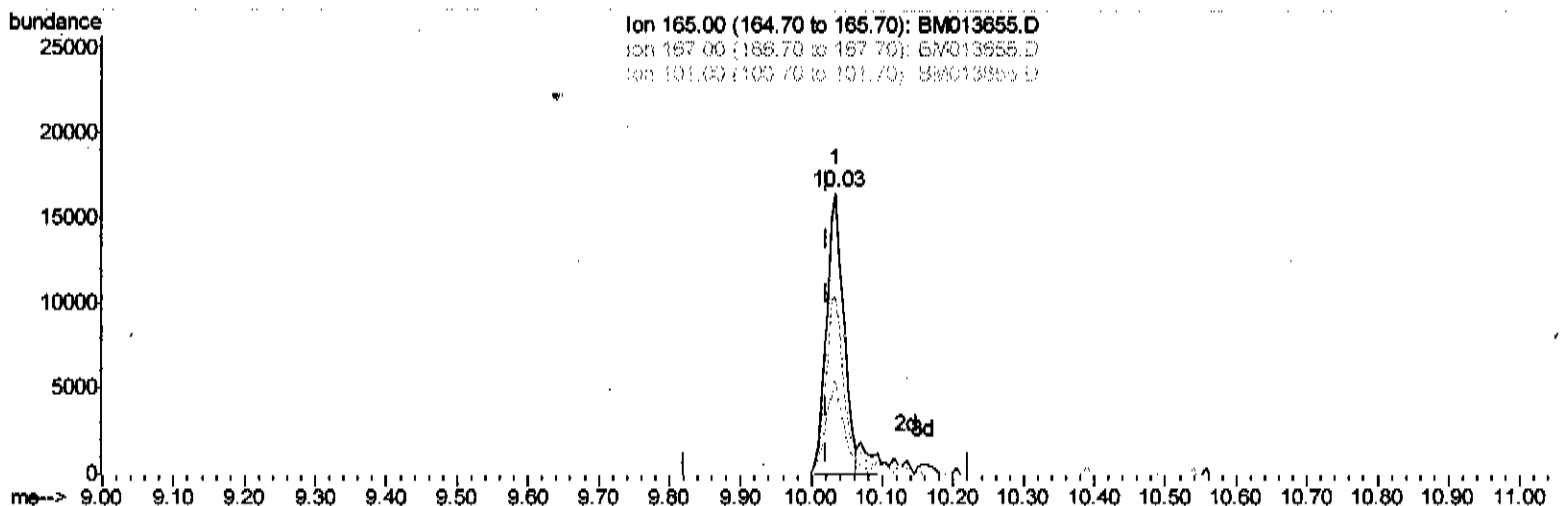
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\  
 Data File : BM013655.D  
 Acq On : 18 Jan 2018 23:36  
 Operator : SJ/JU  
 Sample : J1097-22  
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Manual Integrations  
 APPROVED

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TIC: BM013655.D

(26) 2,4-Dichlorophenol-d3 (S)

10.033min (+0.012) 2.69ng/ul

response 27781

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 165.00 | 100   | 100   |
| 167.00 | 63.60 | 62.76 |
| 101.00 | 29.30 | 33.74 |
| 0.00   | 0.00  | 0.00  |

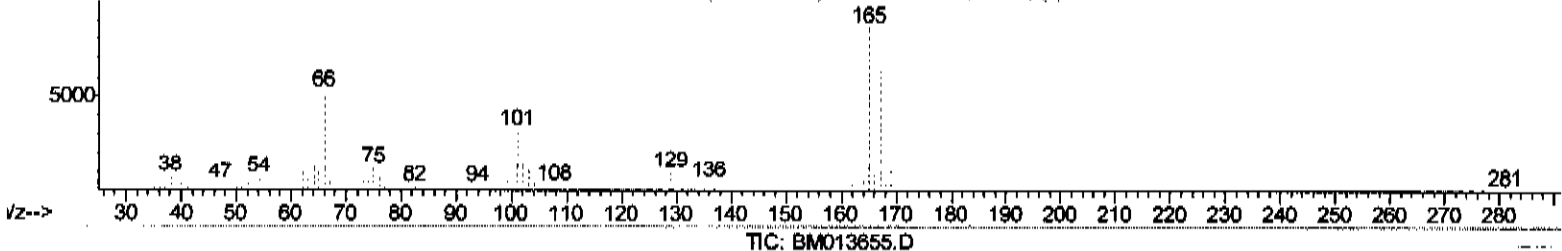
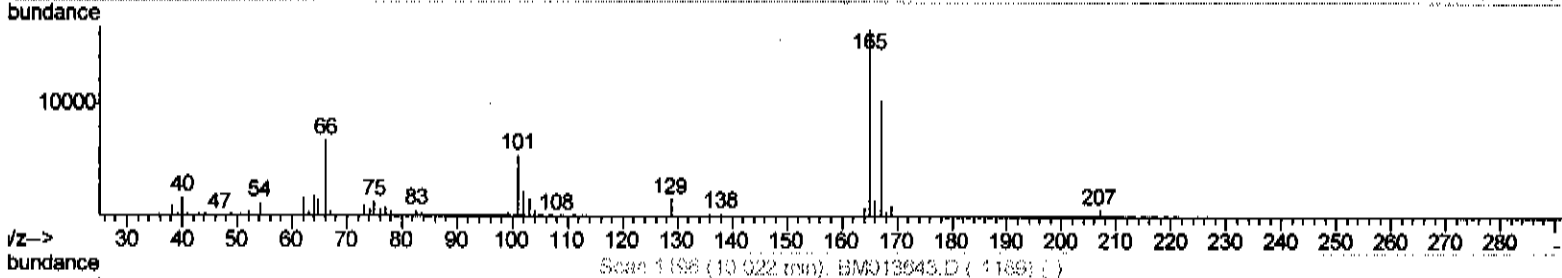
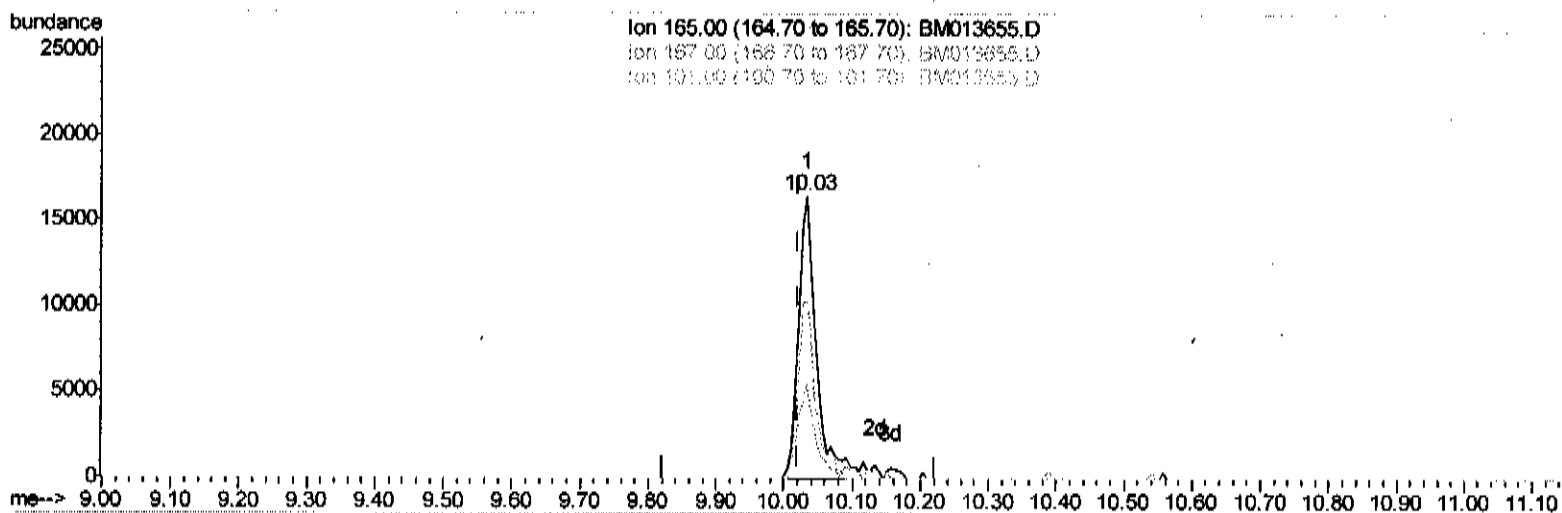
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\  
 Data File : BM013655.D  
 Acq On : 18 Jan 2018 23:36  
 Operator : SJ/JU  
 Sample : J1097-22  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 DAJQ4

Manual Integrations  
 APPROVED

Sohil  
 1/19/2018 9:50:11 AM

Quant Time: Jan 19 03:06:35 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 OLast Update : Fri Jan 19 02:57:39 2018  
 Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

10.033min (+0.012) 3.08ng/ul m

*SJ 1/19/18*

response 31860

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 165.00 | 100   | 100   |
| 167.00 | 63.60 | 62.78 |
| 101.00 | 29.30 | 33.74 |
| 0.00   | 0.00  | 0.00  |

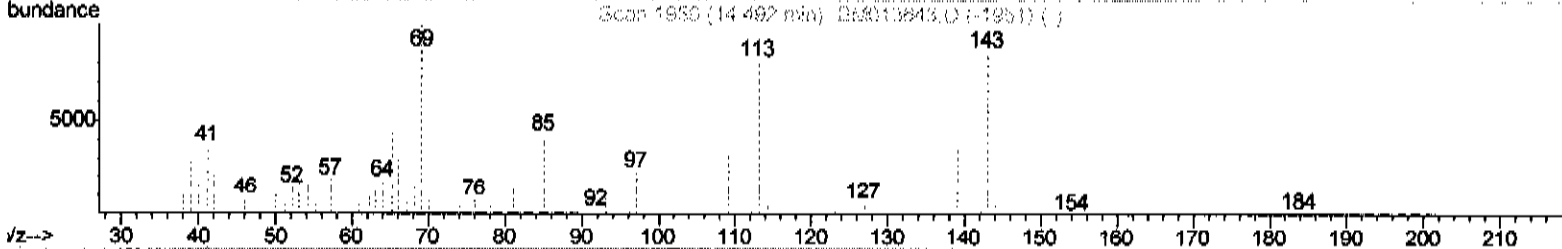
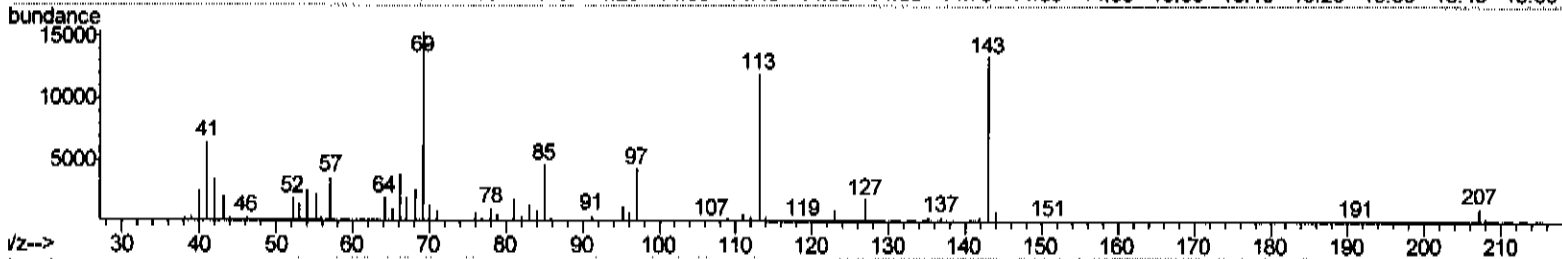
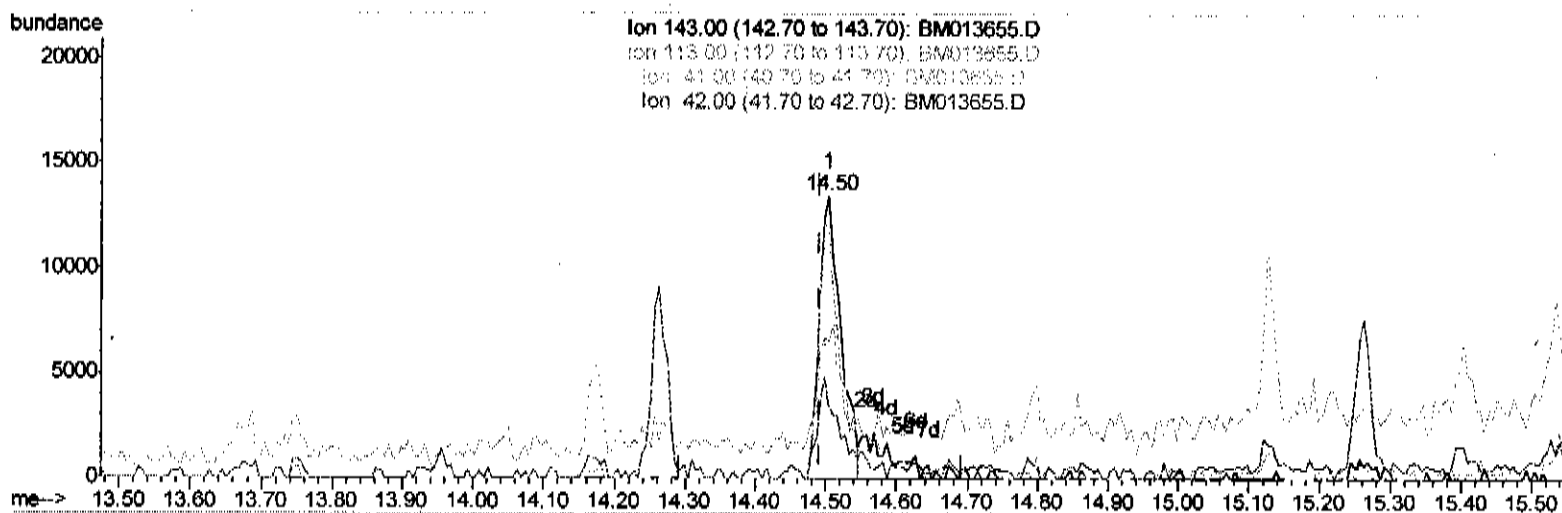
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\  
 Data File : BM013655.D  
 Acq On : 18 Jan 2018 23:36  
 Operator : SJ/JU  
 Sample : J1097-22  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 DAJQ4

Manual Integrations  
 APPROVED

Sohil  
 1/19/2018 9:50:11 AM

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 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 19 02:57:39 2018  
 Response via : Initial Calibration



TIC: BM013655.D

(51) 4-Nitrophenol-d4 (S)

14.504min (+0.012) 5.99ng/ul

response 28671

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 89.10# |
| 41.00  | 34.80  | 48.42# |
| 42.00  | 20.50  | 26.48# |

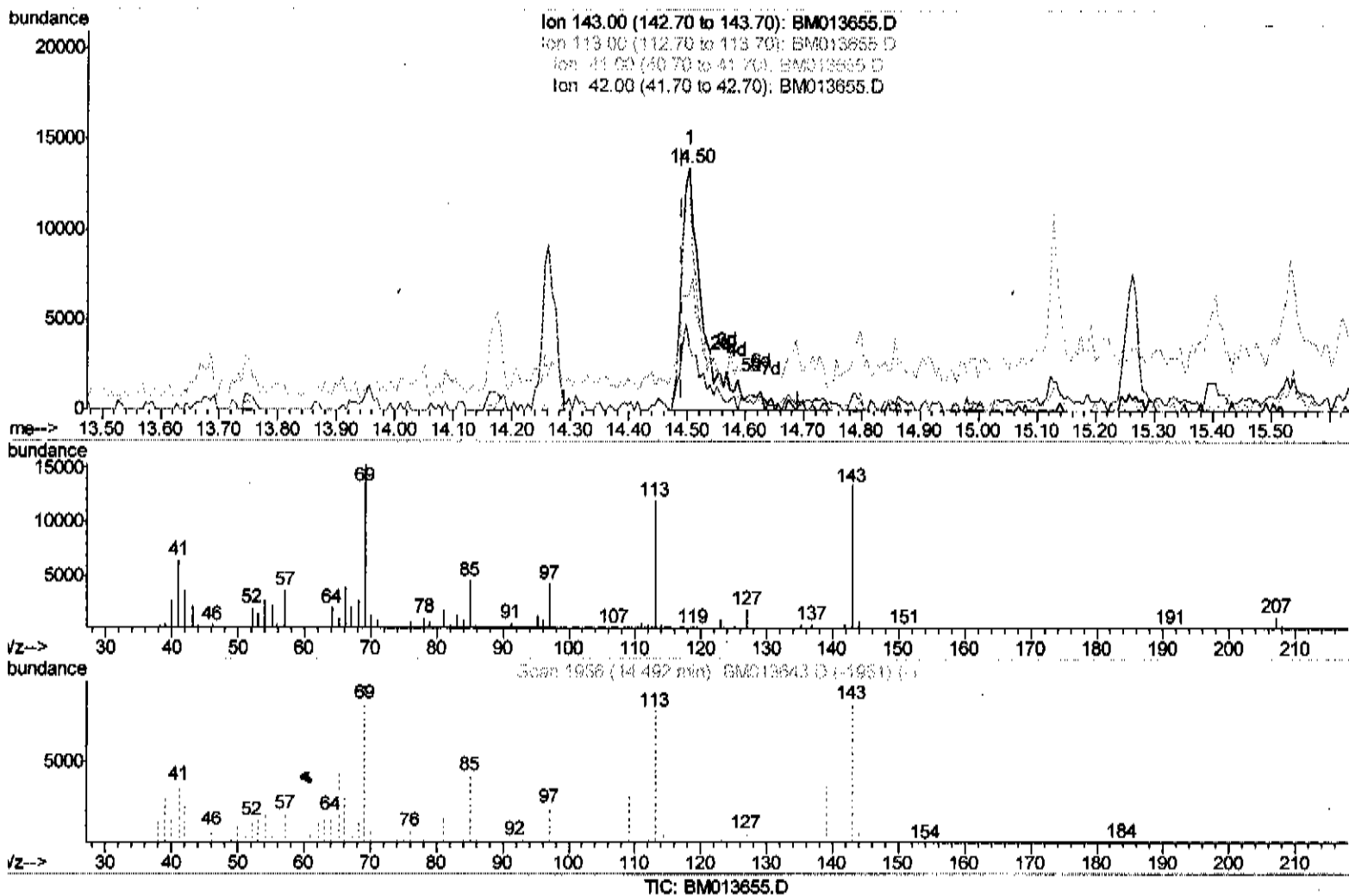
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 Data File : BM013655.D  
 Acq On : 18 Jan 2018 23:36  
 Operator : SJ/JU  
 Sample : J1097-22  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 DAJQ4

Manual Integrations  
 APPROVED

Sohil  
 1/19/2018 9:50:11 AM

Quant Time: Jan 19 03:06:35 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 19 02:57:39 2018  
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.504min (+0.012) 7.28ng/ul m

SJ 1/19/18

response 34734

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 89.10# |
| 41.00  | 34.80  | 48.42# |
| 42.00  | 20.50  | 26.48# |

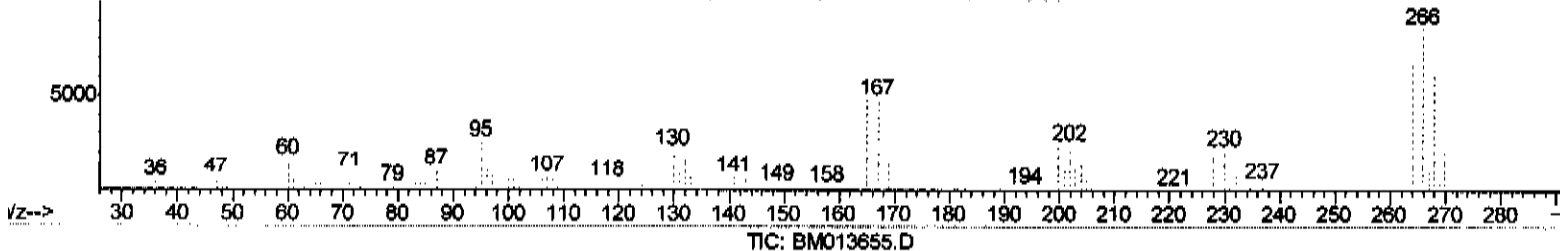
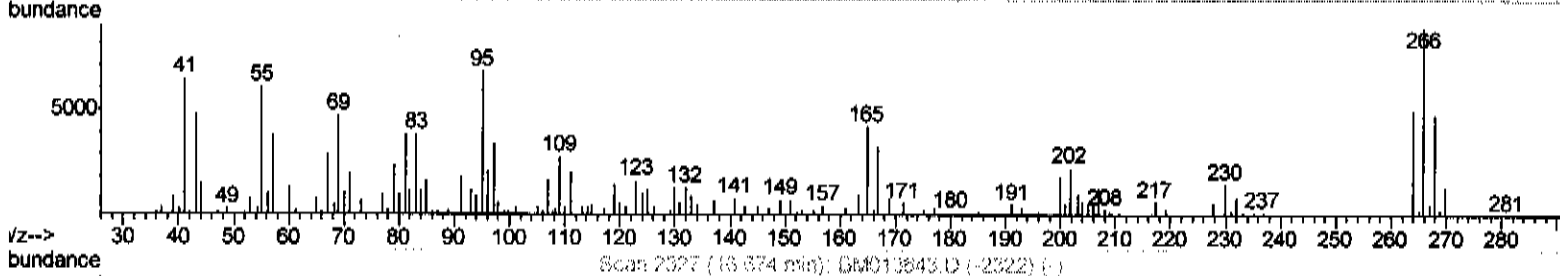
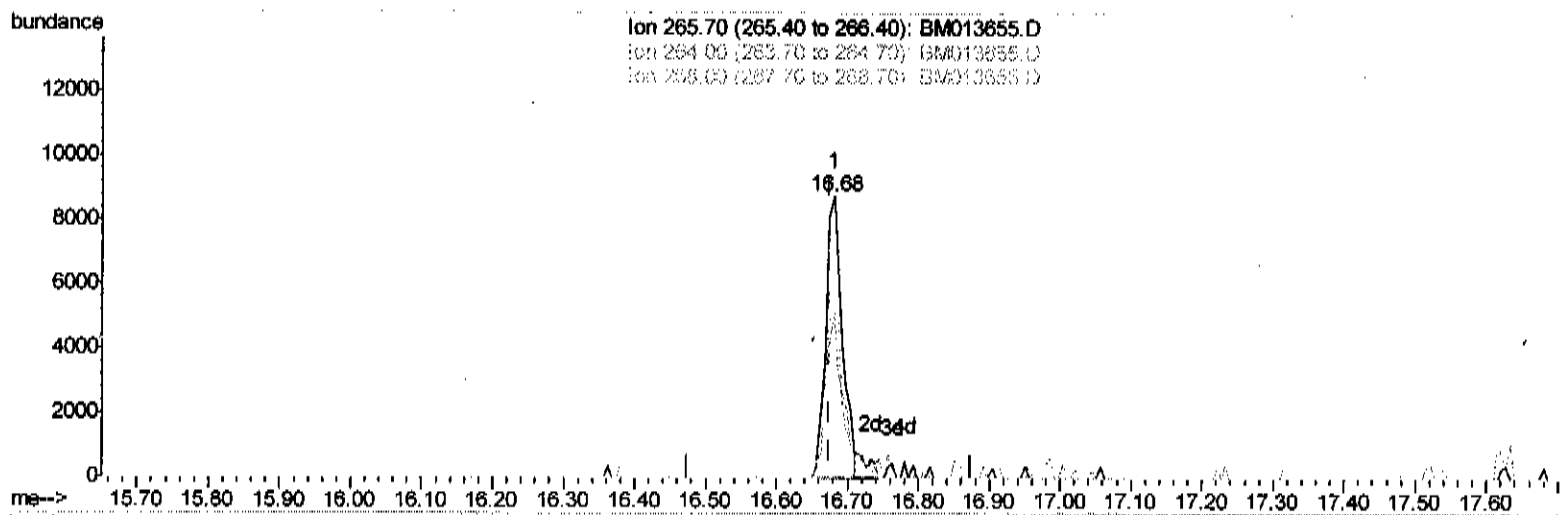
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\  
 Data File : BM013655.D  
 Acq On : 18 Jan 2018 23:36  
 Operator : SJ/JU  
 Sample : J1097-22  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 DAJQ4

Manual Integrations  
 APPROVED

Sohil  
 1/19/2018 9:50:11 AM

Quant Time: Jan 19 04:26:29 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 OLast Update : Fri Jan 19 02:57:39 2018  
 Response via : Initial Calibration



(66) Pentachlorophenol (C)

16.680min (+0.006) 2.93ng/ul

response 13922

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 265.70 | 100   | 100   |
| 264.00 | 61.60 | 58.01 |
| 268.00 | 65.70 | 55.12 |
| 0.00   | 0.00  | 0.00  |

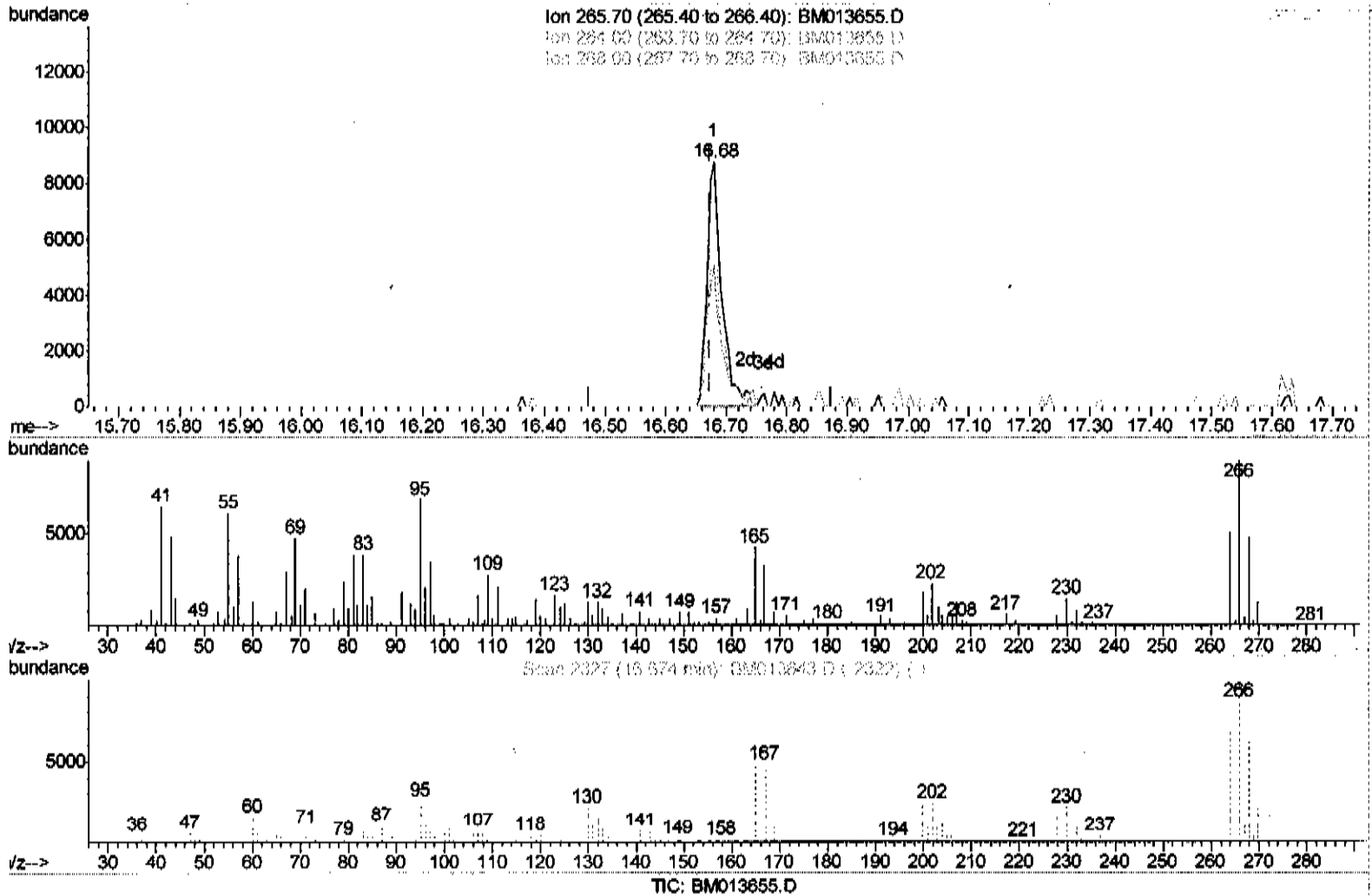
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 Data File : BM013655.D  
 Acq On : 18 Jan 2018 23:36  
 Operator : SJ/JU  
 Sample : J1097-22  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 DAJQ4

Manual Integrations  
 APPROVED

Sohil  
 1/19/2018 9:50:11 AM

Quant Time: Jan 19 04:26:29 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 19 02:57:39 2018  
 Response via : Initial Calibration



(68) Pentachlorophenol (C)

16.680min (+0.006) 3.13ng/ul m

*SJ 1/19/18*

response 14877

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 265.70 | 100   | 100   |
| 264.00 | 61.60 | 58.01 |
| 268.00 | 65.70 | 55.12 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\  
 Data File : BM013655.D  
 Acq On : 18 Jan 2018 23:36  
 Operator : SJ/JU  
 Sample : J1097-22  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 DAJQ4

Manual Integrations  
 APPROVED

Sohil  
 1/19/2018 9:50:11 AM

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 19 02:57:39 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 166663   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 652547   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 357344   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 703631   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.22 | 240  | 749378   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.41 | 264  | 776119   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 12239m | 2.90  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.80  | 99  | 27015  | 2.11  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 139438 | 17.99 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 59155  | 5.67  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 88560  | 9.00  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 97402  | 19.24 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 105027 | 19.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 31860m | 3.08  | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.54 | 131 | 102864 | 11.47 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.68 | 166 | 562966 | 19.12 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.96 | 160 | 80781  | 2.15  | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 34734m | 7.26  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.26 | 176 | 399060 | 15.41 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 50088  | 11.83 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.12 | 188 | 97717  | 2.85  | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.42 | 212 | 27092  | 0.78  | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.28 | 264 | 17871  | 0.50  | ng/ul | 0.00 |

Target Compounds

|                       |       |     |        |       | Ovalue    |
|-----------------------|-------|-----|--------|-------|-----------|
| 44) Dimethylphthalate | 13.73 | 163 | 226172 | 7.811 | ng/ul 100 |
| 68) Pentachlorophenol | 16.68 | 266 | 14877m | 3.130 | ng/ul     |

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