

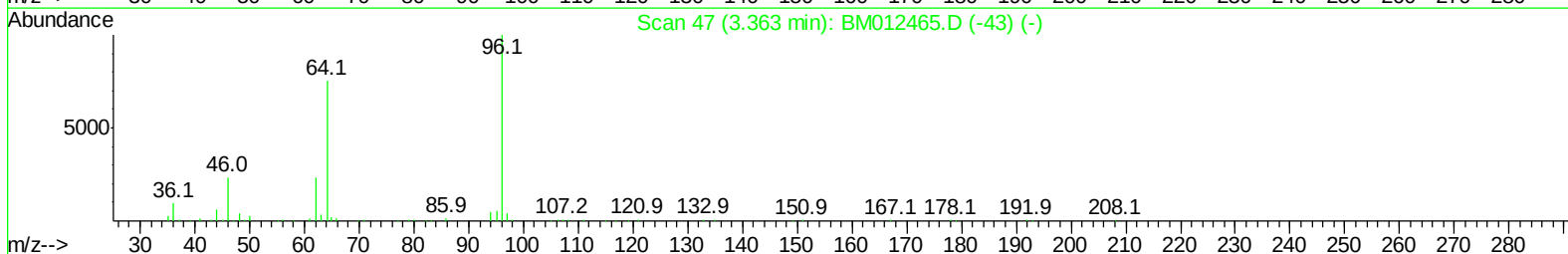
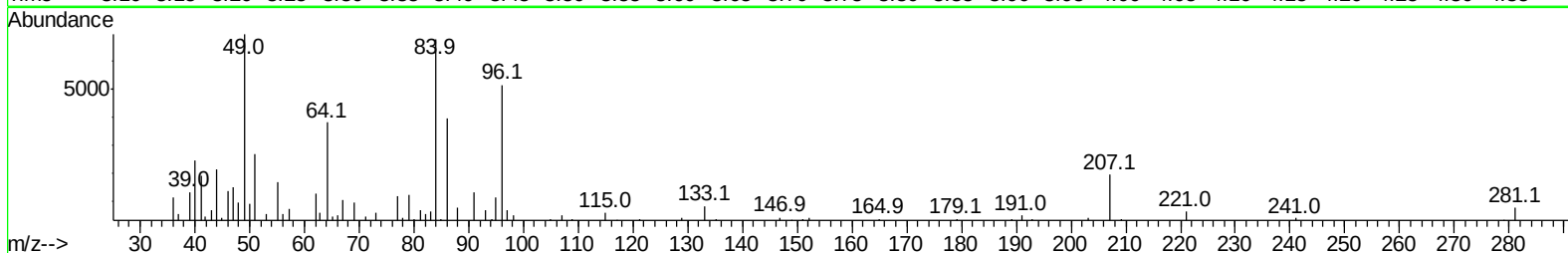
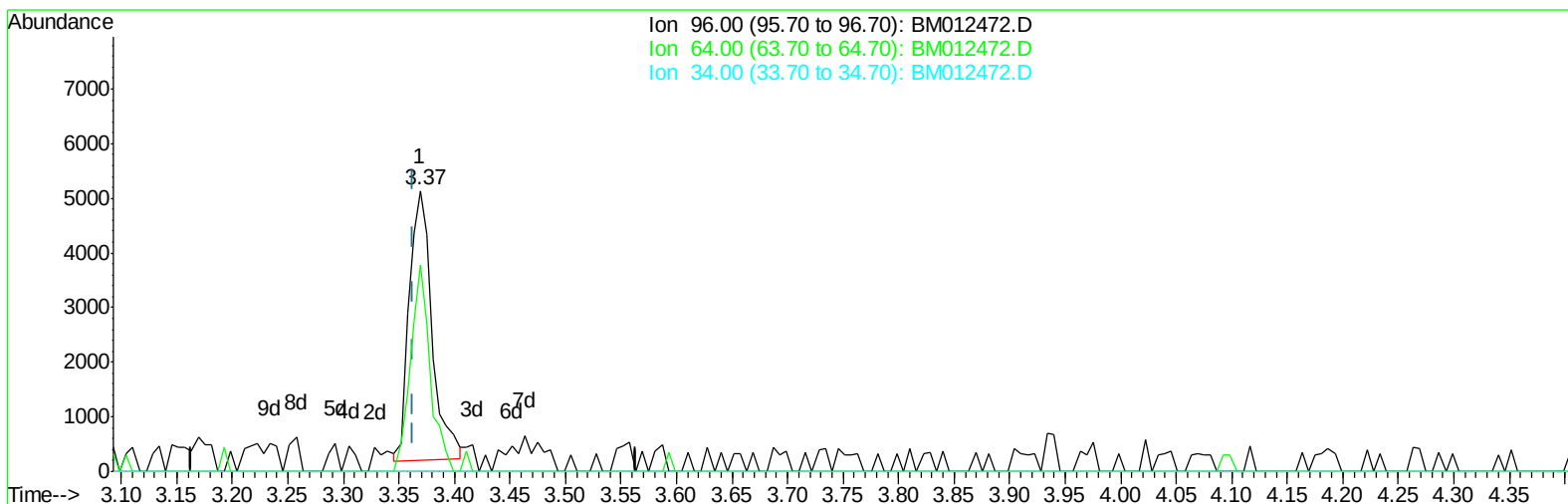
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012472.D  
Acq On : 26 Oct 2017 14:12  
Operator : SJ/JU  
Sample : I5882-01 10X  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DAH0

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:54:42 AM

Quant Time: Oct 26 14:44:00 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 26 09:35:31 2017  
Response via : Initial Calibration



TIC: BM012472.D

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

3.369min (+0.006) 0.66ng/uL

response 7132

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 74.90 | 66.43 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

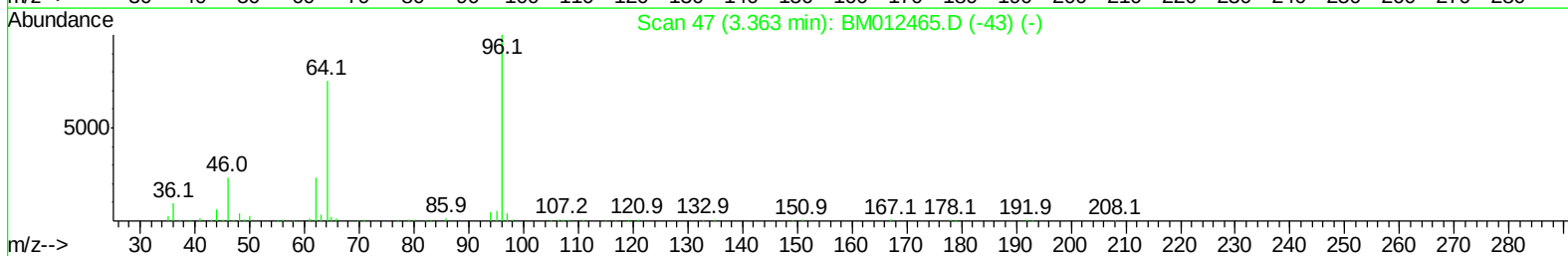
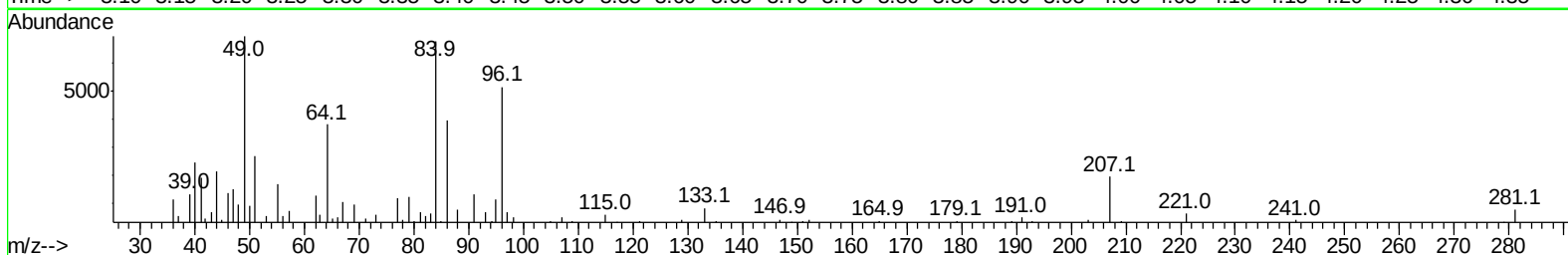
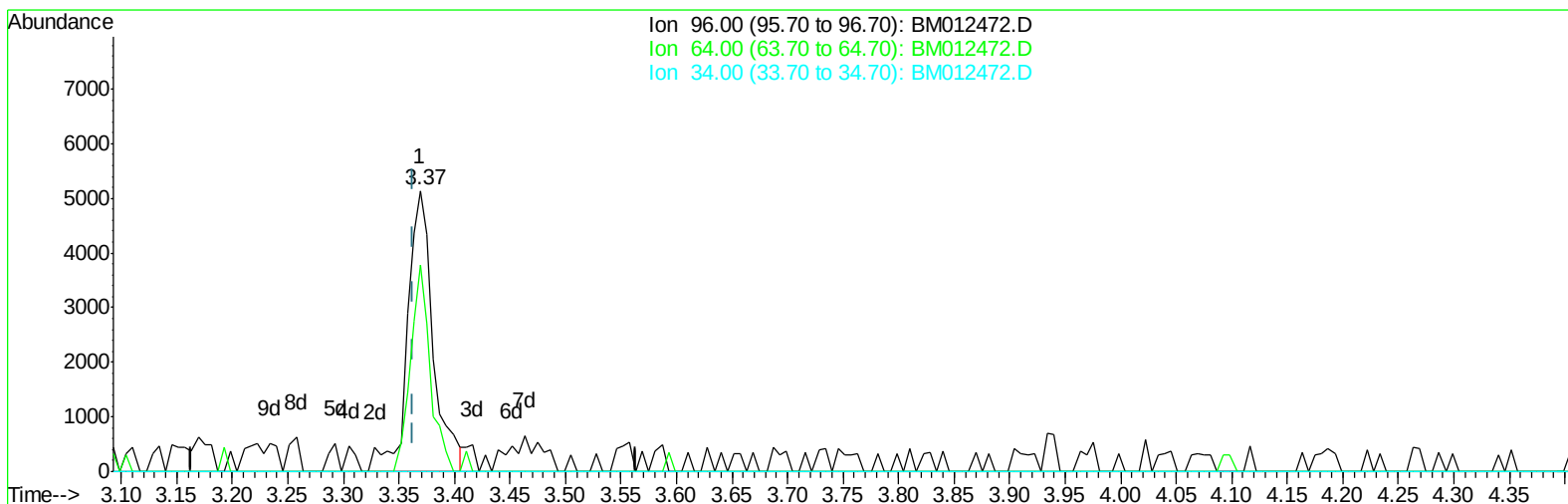
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012472.D  
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Instrument :  
BNA\_M  
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Manual Integrations  
APPROVED

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Quant Time: Oct 26 14:44:00 2017  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 26 09:35:31 2017  
Response via : Initial Calibration



TIC: BM012472.D

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

3.369min (+0.006) 0.77ng/uL m

response 8380

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 96.00 | 100   | 100    |
| 64.00 | 74.90 | 56.54# |
| 34.00 | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

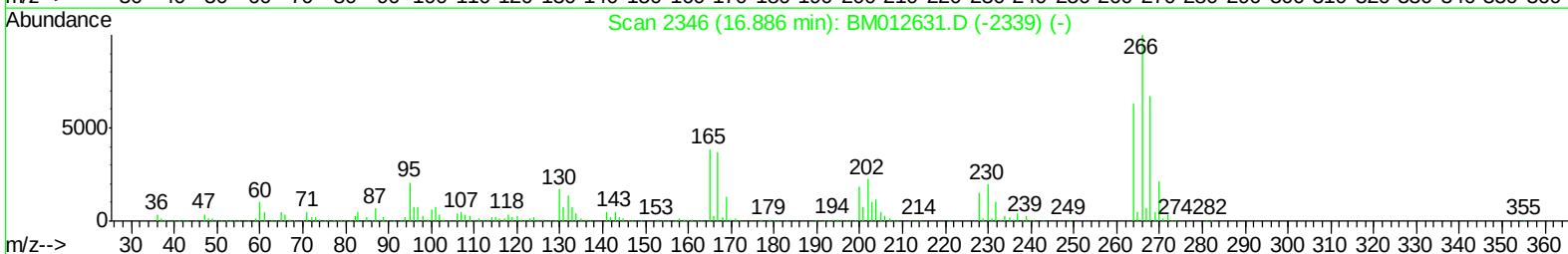
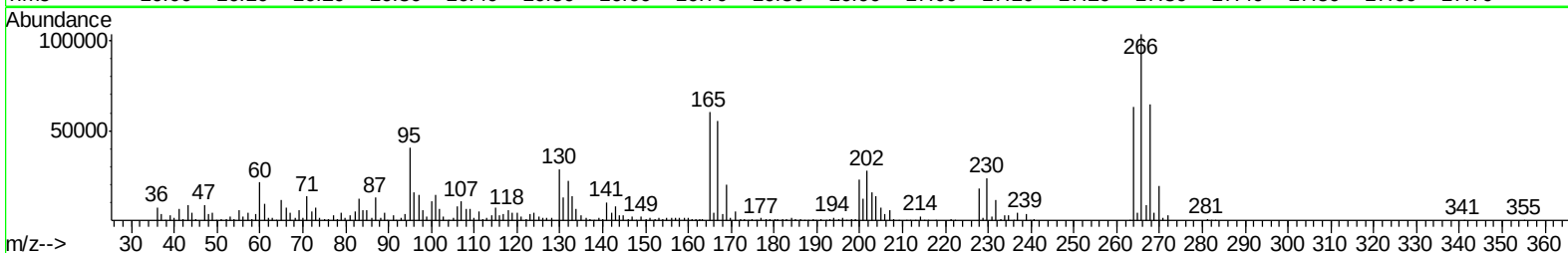
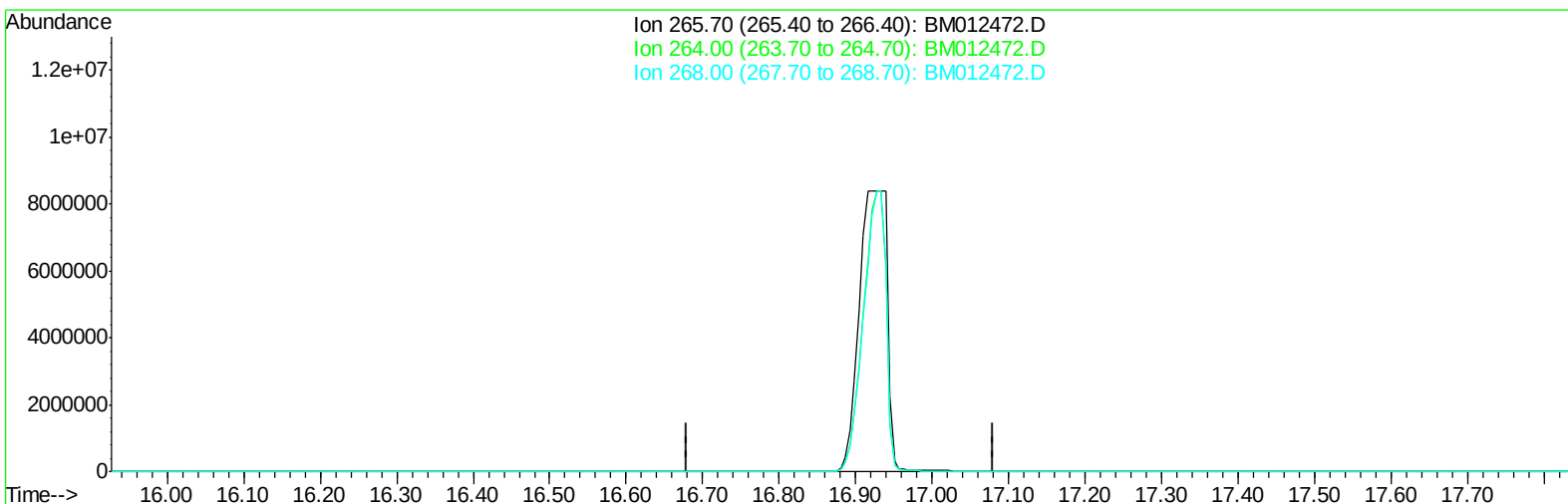
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM102517\  
Data File : BM012472.D  
Acq On : 26 Oct 2017 14:12  
Operator : SJ/JU  
Sample : I5882-01 10X  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DAH0

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:54:42 AM

Quant Time: Nov 02 01:32:06 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Nov 01 06:39:17 2017  
Response via : Initial Calibration



TIC: BM012472.D

(68) Pentachlorophenol (C)

16.880min (-16.880) 0.00ng/ul

response 0

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

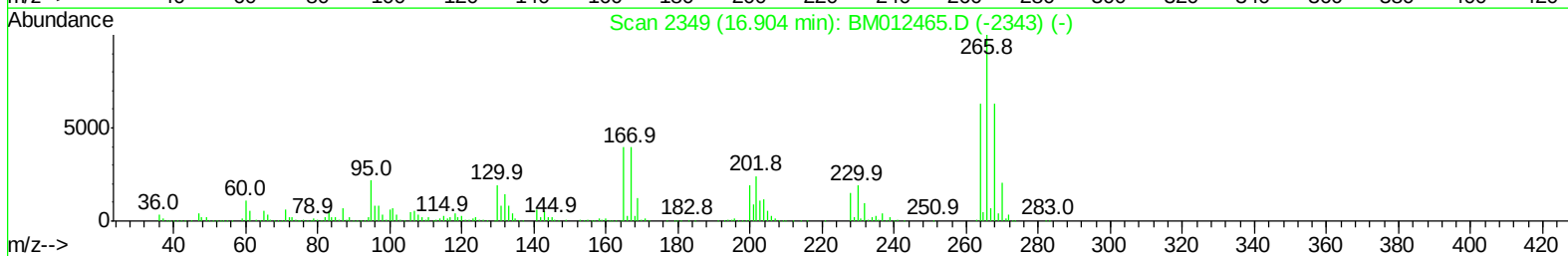
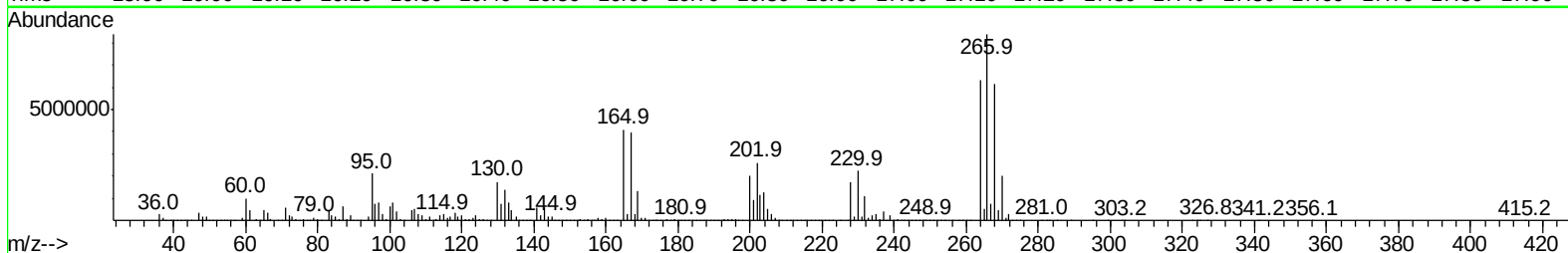
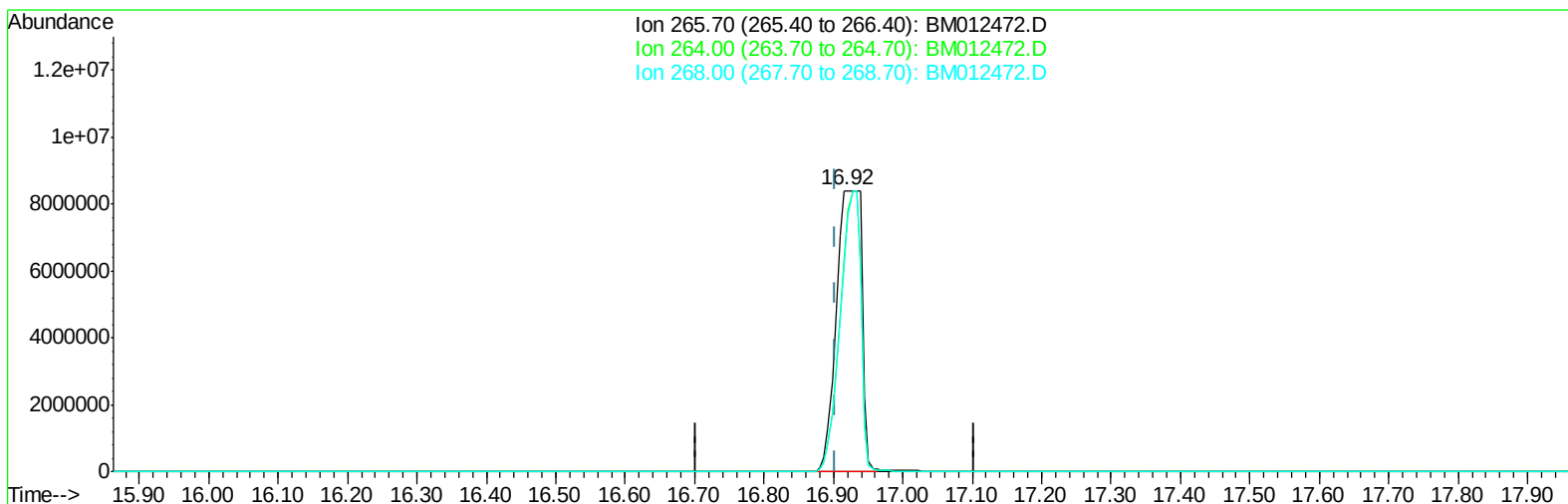
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012472.D  
Acq On : 26 Oct 2017 14:12  
Operator : SJ/JU  
Sample : I5882-01 10X  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DAH0

Quant Time: Oct 26 15:35:30 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 26 09:35:31 2017  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Sohil  
10/27/2017 8:54:42 AM



TIC: BM012472.D

(68) Pentachlorophenol (C)

16.915min (+0.012) 1069.77ng/ul m

response 21550211

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 265.70 | 100   | 100    |
| 264.00 | 61.60 | 75.40# |
| 268.00 | 65.70 | 73.25  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
 Data File : BM012472.D  
 Acq On : 26 Oct 2017 14:12  
 Operator : SJ/JU  
 Sample : I5882-01 10X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DAHH0

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:54:42 AM

Quant Time: Oct 26 15:35:30 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 26 09:35:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 555159   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 2339061  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.51 | 164  | 1404842  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.25 | 188  | 2779658  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.42 | 240  | 2181621  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.73 | 264  | 2420024  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.37  | 96  | 8380m  | 0.77 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.05  | 99  | 101606 | 2.19 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.20  | 67  | 83644  | 3.04 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.42  | 132 | 99866  | 2.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.58  | 113 | 98806  | 2.49 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.03  | 128 | 51347  | 3.51 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.75  | 143 | 54873  | 3.64 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 112029 | 2.80 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.80 | 131 | 94234  | 2.24 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 349902 | 2.85 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.20 | 160 | 428197 | 2.95 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.70 | 143 | 33564  | 1.84 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.50 | 176 | 289934 | 2.79 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 39686  | 2.95 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.35 | 188 | 404926 | 3.06 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.63 | 212 | 350030 | 3.50 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.58 | 264 | 344003 | 2.99 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |           | Ovalue          |
|--------------------------------|-------|-----|-----------|-----------------|
| 21) Isophorone                 | 9.60  | 82  | 171449    | 1.920 ng/ul 97  |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.13 | 232 | 2820772   | 96.520 ng/ul 94 |
| 63) 4,6-Dinitro-2-methylphenol | 15.63 | 198 | 61638     | 4.166 ng/ul# 62 |
| 68) Pentachlorophenol          | 16.92 | 266 | 21550211m | 1069.768 ng/ul  |

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

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