

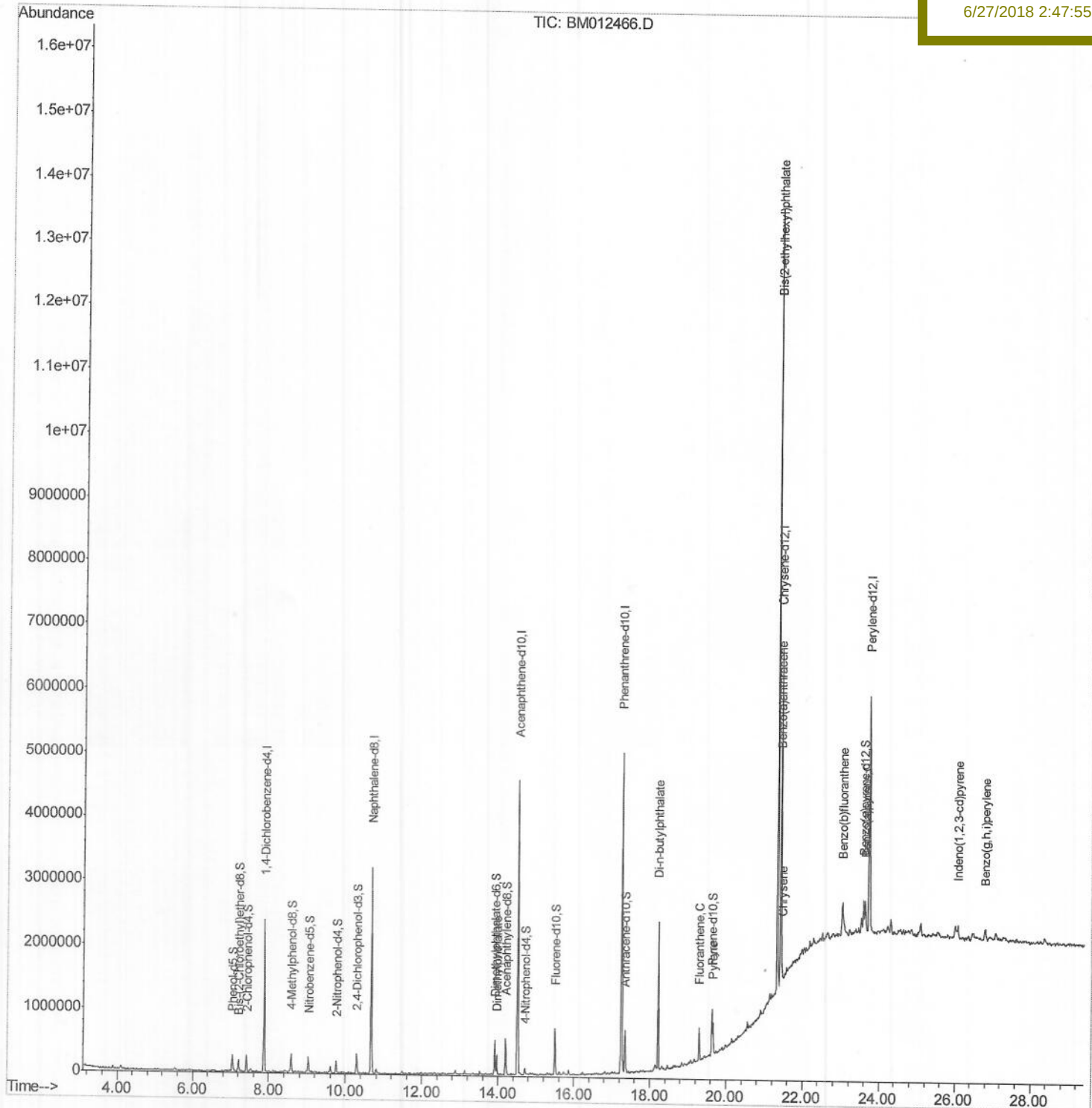
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102517\  
Data File : BM012466.D  
Acq On : 26 Oct 2017 06:14  
Operator : SJ/JU  
Sample : I5695-03DL 10X  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 25 01:41:06 2018  
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

Instrument :  
BNA\_M  
Client Sample ID :  
B-74(0-1)-100417DL

Manual Integrations  
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# Quantitation Report (Qedit)

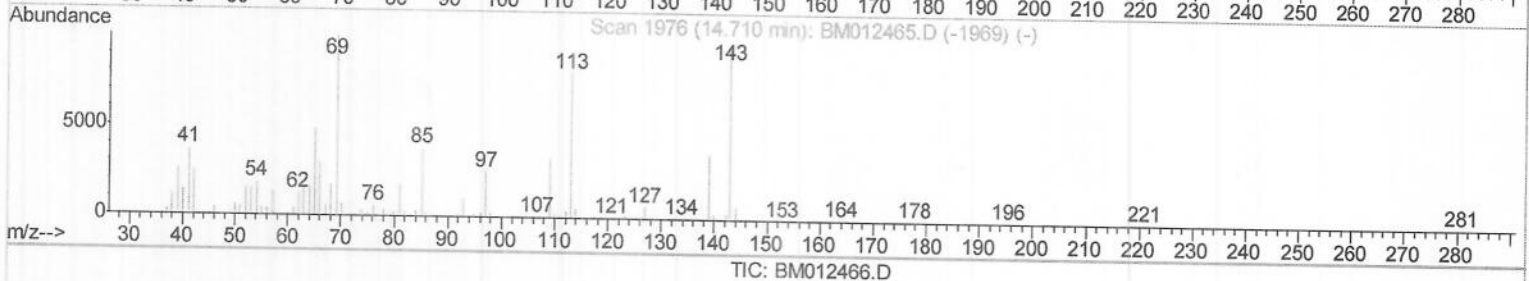
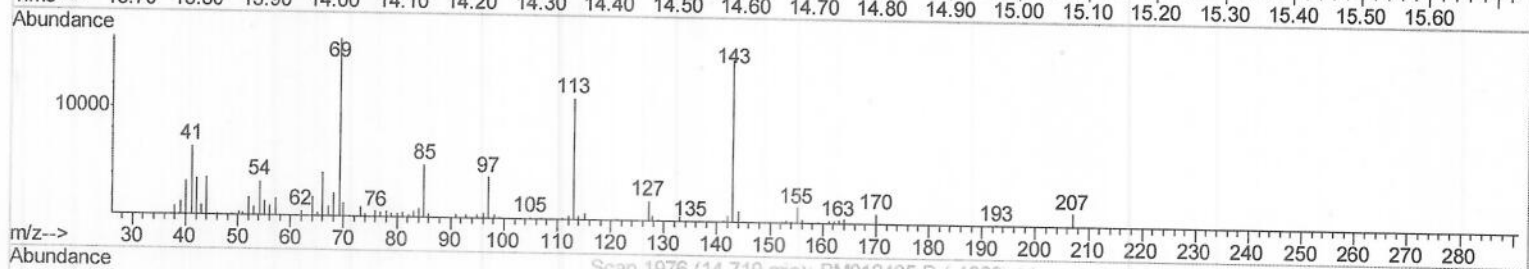
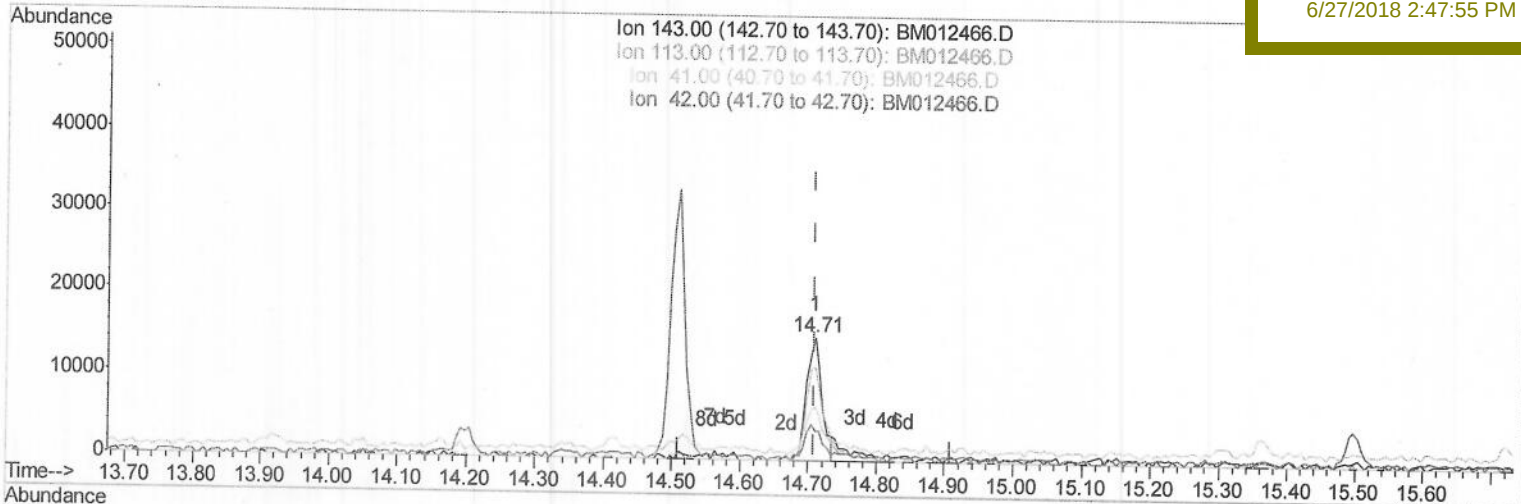
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
 Data File : BM012466.D  
 Acq On : 26 Oct 2017 06:14  
 Operator : SJ/JU  
 Sample : I5695-03DL 10X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 26 09:48:26 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

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-74(0-1)-100417DL

Manual Integrations  
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(51) 4-Nitrophenol-d4 (S)  
 14.710min (-0.000) 1.25ng/ul  
 response 23515

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 75.22# |
| 41.00  | 34.80  | 43.42# |
| 42.00  | 20.50  | 24.03  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012466.D  
Acq On : 26 Oct 2017 06:14  
Operator : SJ/JU  
Sample : I5695-03DL 10X  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 26 09:48:26 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

Instrument :

BNA\_M

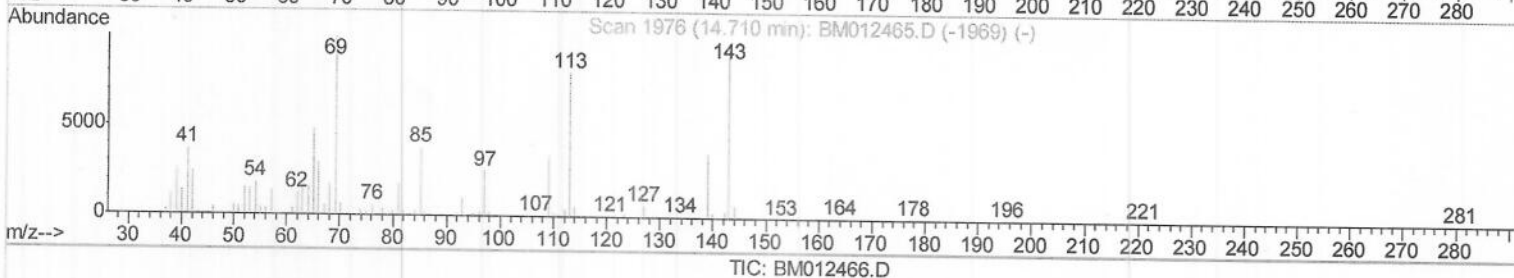
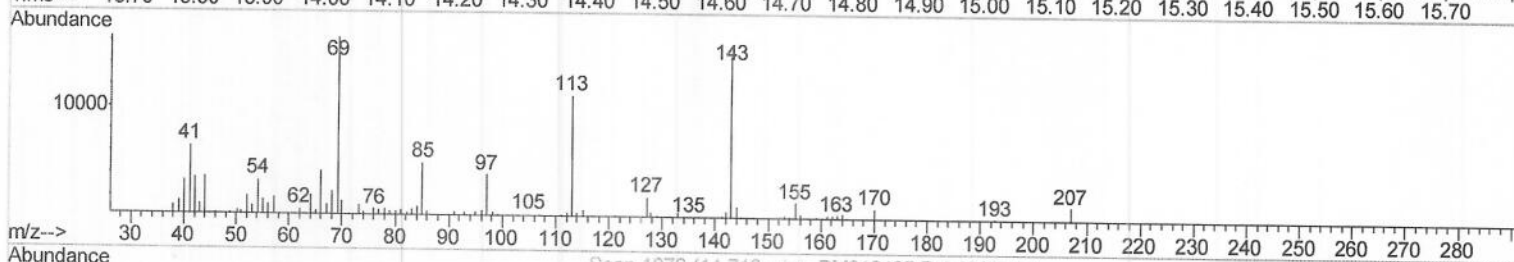
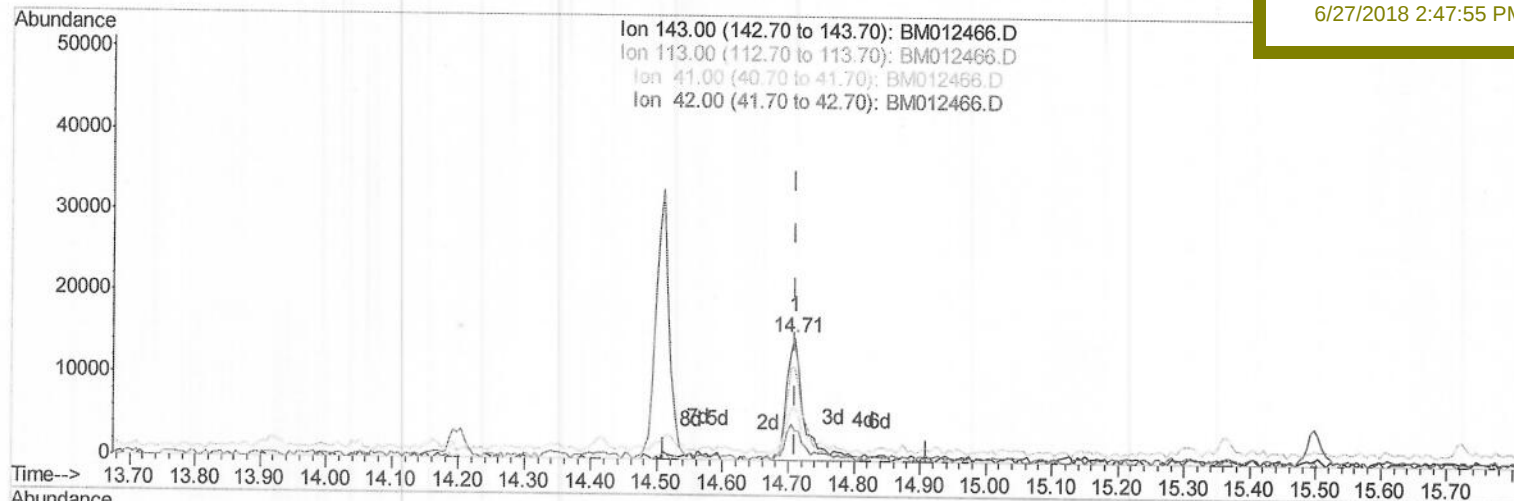
Client Sampled :

B-74(0-1)-100417DL

Manual Integrations  
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(51) 4-Nitrophenol-d4 (S)

14.710min (-0.000) 1.53ng/ul m

SS 06/27/18

response 28609

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 75.22# |
| 41.00  | 34.80  | 43.42# |
| 42.00  | 20.50  | 24.03  |

# Quantitation Report (Qedit)

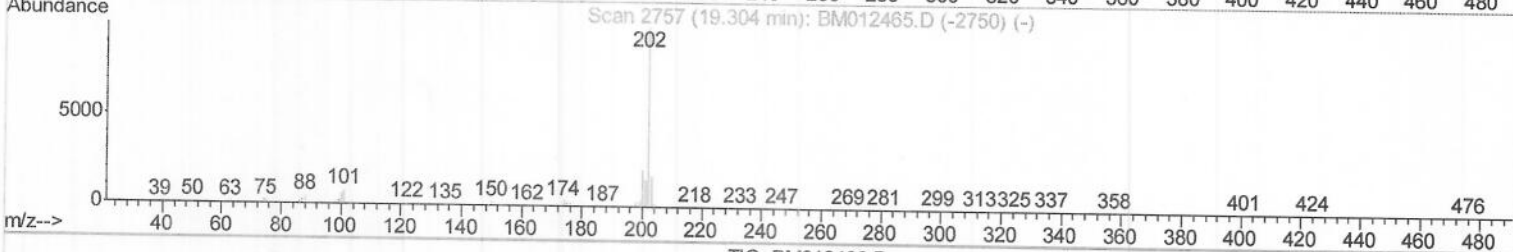
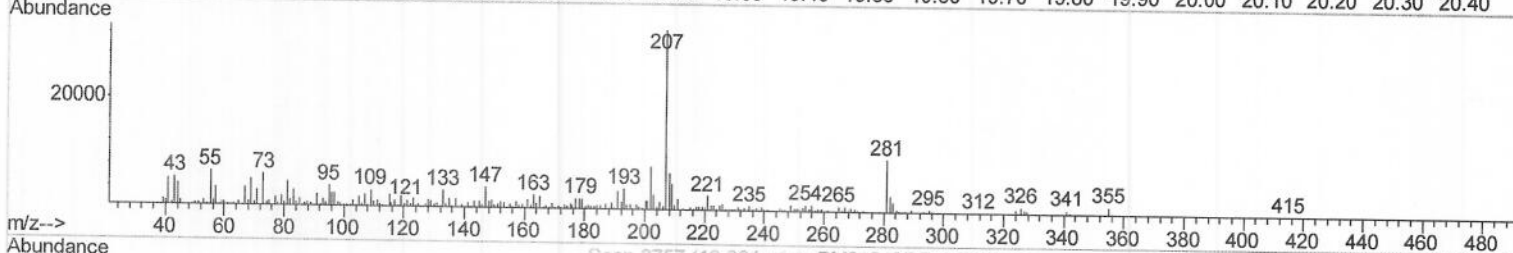
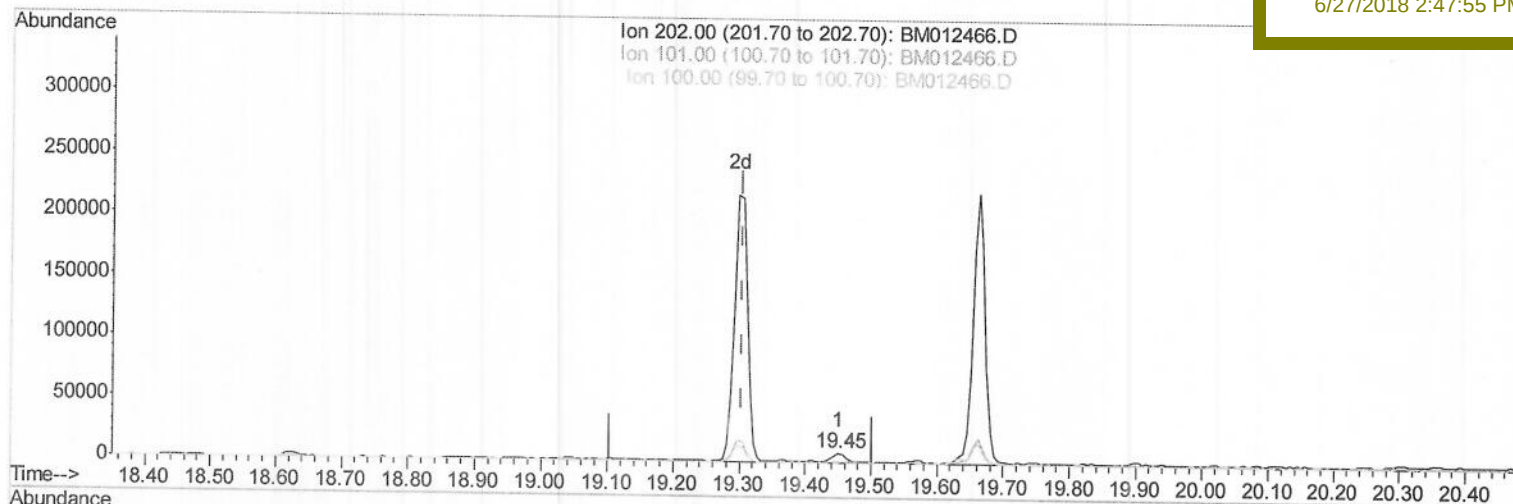
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
 Data File : BM012466.D  
 Acq On : 26 Oct 2017 06:14  
 Operator : SJ/JU  
 Sample : I5695-03DL 10X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-74(0-1)-100417DL

Quant Time: Oct 26 09:50:04 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  
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TIC: BM012466.D

(74) Fluoranthene (C)

19.451min (+0.147) 0.06ng/ul

response 9870

| Ion    | Exp% | Act% |
|--------|------|------|
| 202.00 | 100  | 100  |
| 101.00 | 5.80 | 6.90 |
| 100.00 | 4.30 | 5.15 |
| 0.00   | 0.00 | 0.00 |

# Quantitation Report (Qedit)

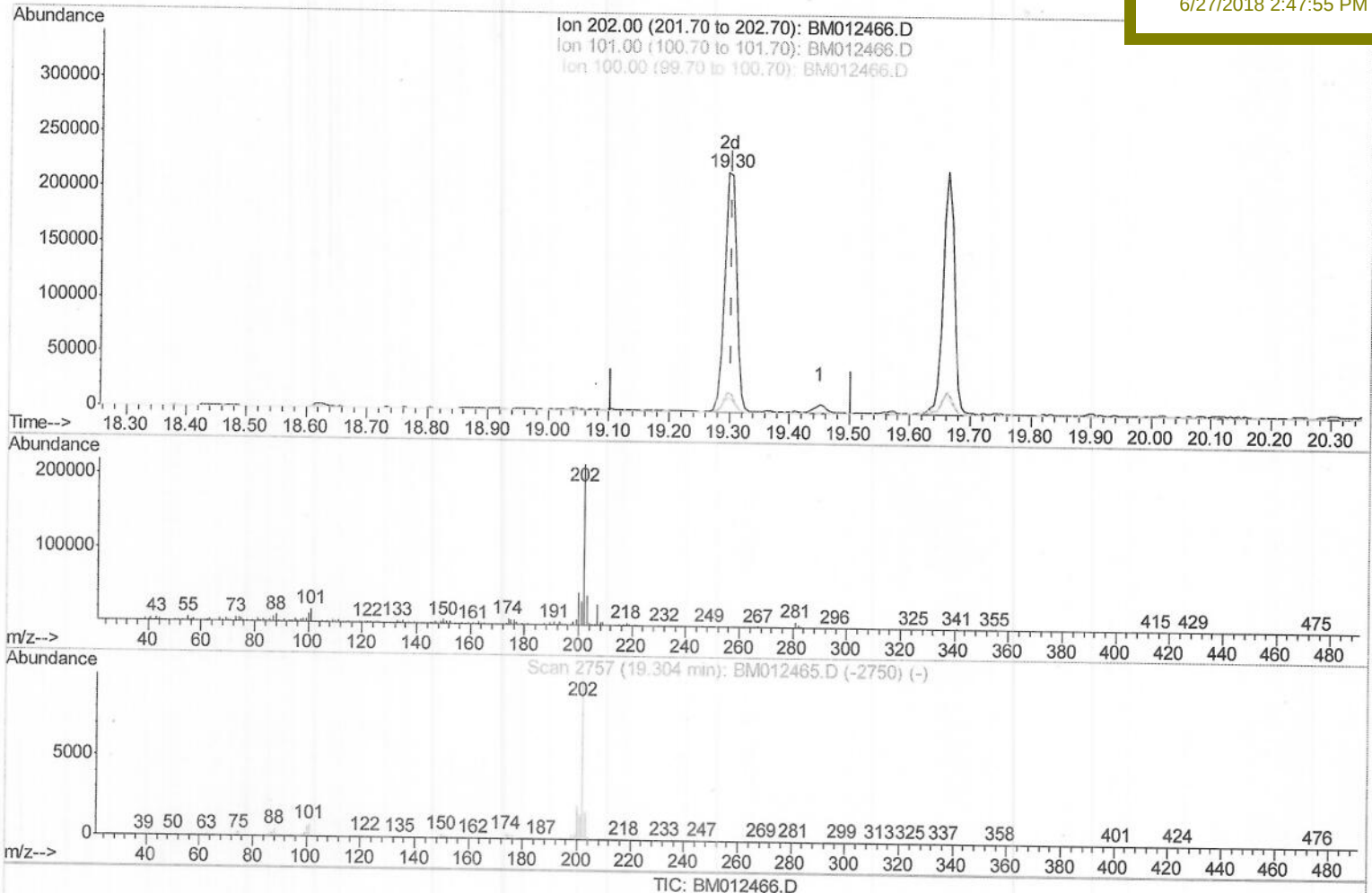
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
 Data File : BM012466.D  
 Acq On : 26 Oct 2017 06:14  
 Operator : SJ/JU  
 Sample : I5695-03DL 10X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 26 09:50:04 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

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 B-74(0-1)-100417DL

**Manual Integrations**  
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(74) Fluoranthene (C)

19.298min (-0.006) 1.74ng/ul m > SJ 06/27/18

response 301048

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 202.00 | 100  | 100   |
| 101.00 | 5.80 | 8.48# |
| 100.00 | 4.30 | 5.97# |
| 0.00   | 0.00 | 0.00  |

## Quantitation Report (Qedit)

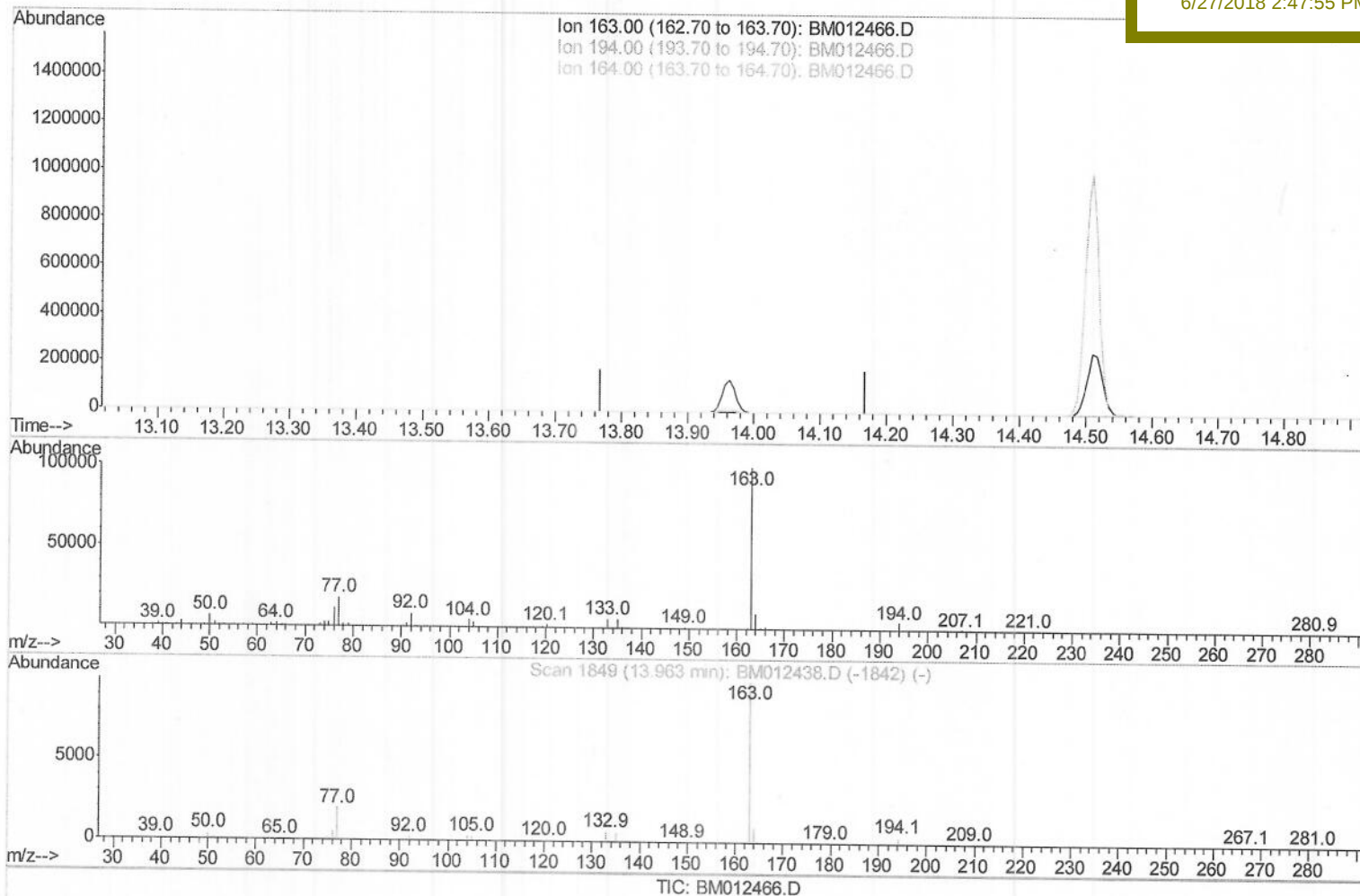
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102517\  
Data File : BM012466.D  
Acq On : 26 Oct 2017 06:14  
Operator : SJ/JU  
Sample : I5695-03DL 10X  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 26 09:51:24 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

Instrument :  
BNA\_M  
ClientSampleId :  
B-74(0-1)-100417DL

Manual Integrations  
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(44) Dimethylphthalate

13.969min (-13.969) 0.00ng/ul

response 0

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 163.00 | 100   | 0.00 |
| 194.00 | 4.40  | 0.00 |
| 164.00 | 10.30 | 0.00 |
| 0.00   | 0.00  | 0.00 |

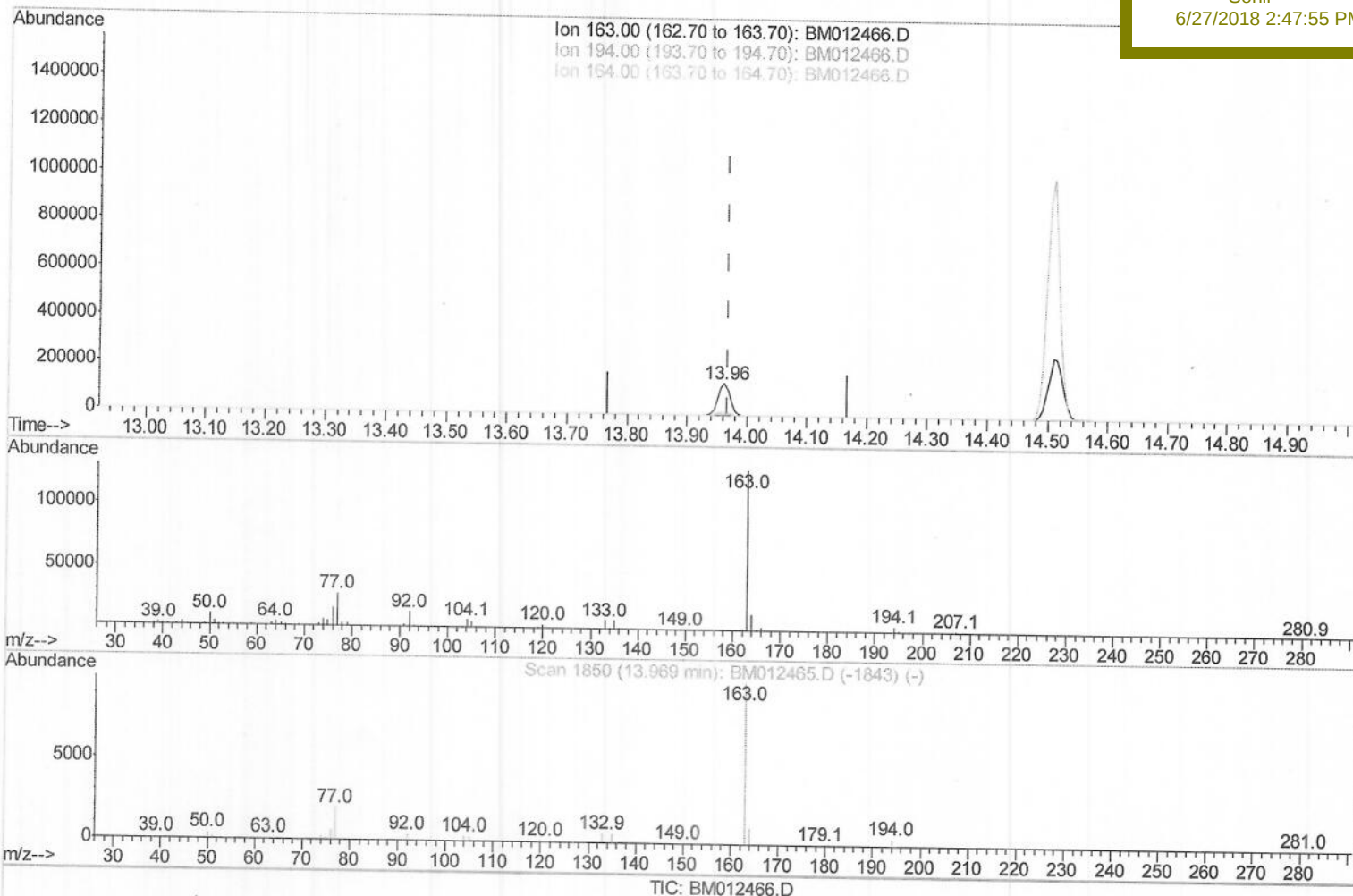
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102517\  
Data File : BM012466.D  
Acq On : 26 Oct 2017 06:14  
Operator : SJ/JU  
Sample : I5695-03DL 10X  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 25 01:41:06 2018  
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

Instrument :  
BNA\_M  
ClientSampleId :  
B-74(0-1)-100417DL

Manual Integrations  
APPROVED

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(44) Dimethylphthalate

13.963min (-0.006) 1.50ng/ul m ) SJ 06/27/18

response 187067

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 163.00 | 100   | 100   |
| 194.00 | 4.40  | 3.75  |
| 164.00 | 10.30 | 10.73 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102517\  
 Data File : BM012466.D  
 Acq On : 26 Oct 2017 06:14  
 Operator : SJ/JU  
 Sample : I5695-03DL 10X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 B-74(0-1)-100417DL

Quant Time: Jun 25 01:41:06 2018  
 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  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 620745   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 2514798  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.51 | 164  | 1443034  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.25 | 188  | 2830069  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.42 | 240  | 2417195  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.73 | 264  | 2770974  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |      |       |      |
|--------------------------------|-------|-----|---------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.37  | 96  | 6643    | 0.55 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.05  | 99  | 125837  | 2.43 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67  | 80077   | 2.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.42  | 132 | 103437  | 2.66 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.58  | 113 | 99303   | 2.24 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.03  | 128 | 47977   | 3.05 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.75  | 143 | 53954   | 3.33 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 105425  | 2.45 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.81 | 131 | 31016   | 0.68 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 330399  | 2.62 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.20 | 160 | 390390  | 2.62 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.71 | 143 | 28609m) | 1.53 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.50 | 176 | 267916  | 2.51 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 10755   | 0.79 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.34 | 188 | 363339  | 2.69 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.63 | 212 | 342939  | 3.09 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.58 | 264 | 346781  | 2.63 | ng/ul | 0.00 |

SJ 06/27/18

## Target Compounds

|                                |       |     |          |        | Ovalue |    |
|--------------------------------|-------|-----|----------|--------|--------|----|
| 44) Dimethylphthalate          | 13.96 | 163 | 187067m) | 1.500  | ng/ul  |    |
| 73) Di-n-butylphthalate        | 18.22 | 149 | 1584424  | 9.482  | ng/ul# | 98 |
| 74) Fluoranthene               | 19.30 | 202 | 301048m) | 1.736  | ng/ul  |    |
| 77) Pyrene                     | 19.66 | 202 | 284021   | 2.066  | ng/ul# | 93 |
| 80) Benzo(a)anthracene         | 21.40 | 228 | 194181   | 1.342  | ng/ul  | 96 |
| 81) Bis(2-ethylhexyl)phthalate | 21.34 | 149 | 3902692  | 47.365 | ng/ul  | 99 |
| 82) Chrysene                   | 21.46 | 228 | 184007   | 1.430  | ng/ul  | 94 |
| 85) Benzo(b)fluoranthene       | 23.03 | 252 | 347539   | 2.029  | ng/ul# | 80 |
| 88) Benzo(a)pyrene             | 23.62 | 252 | 234913   | 1.438  | ng/ul# | 91 |
| 89) Indeno(1,2,3-cd)pyrene     | 26.07 | 276 | 213898   | 1.113  | ng/ul# | 92 |
| 91) Benzo(g,h,i)perylene       | 26.78 | 276 | 191760   | 1.231  | ng/ul# | 91 |

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