

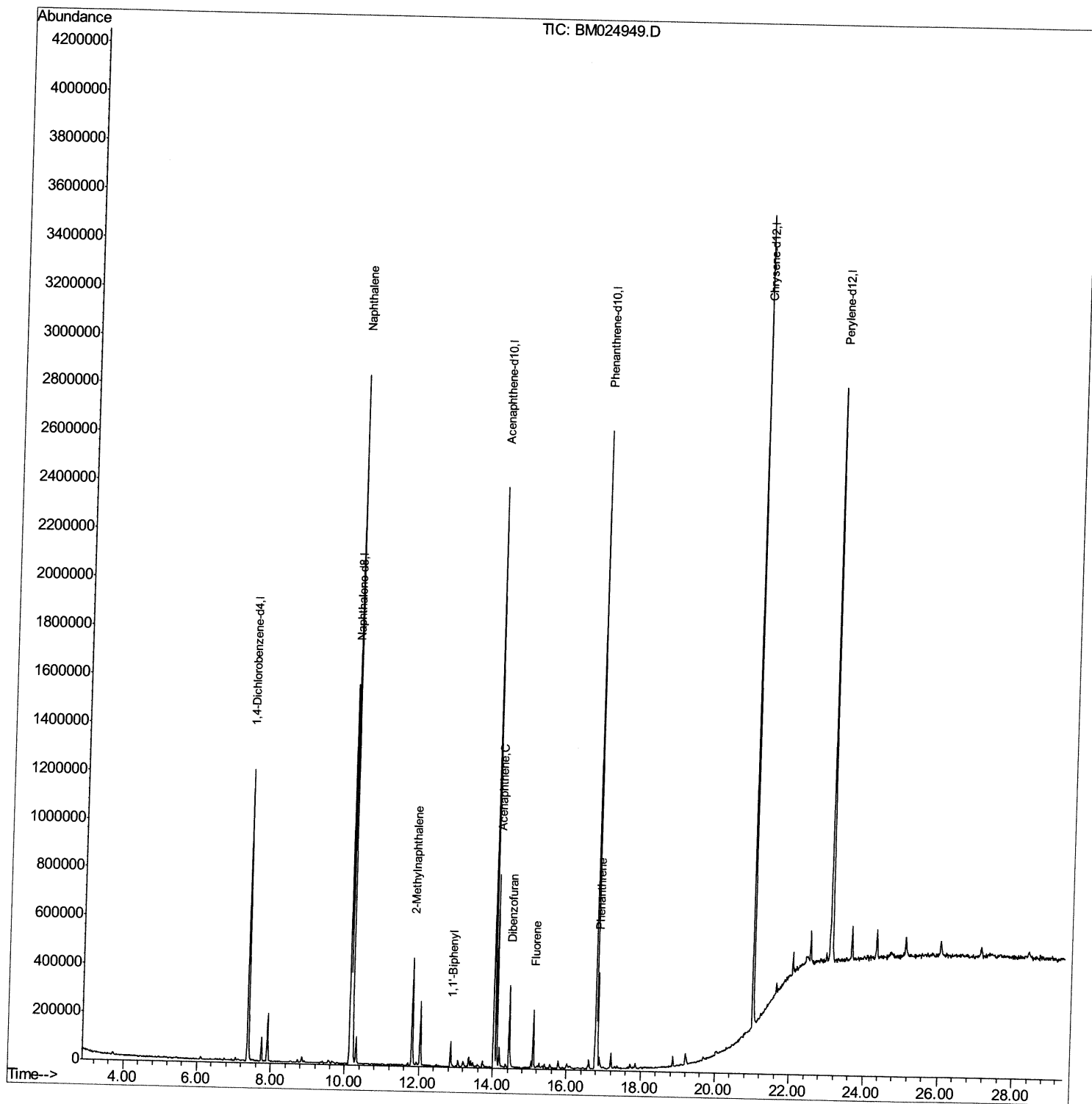
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\  
Data File : BM024949.D  
Acq On : 19 Feb 2020 18:17  
Operator : CG/JU  
Sample : L1486-15DL2 100X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBCW6DL2

Manual Integrations  
APPROVED

mohammad  
2/20/2020 3:12:39 PM

Quant Time: Feb 20 00:00:35 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM020620MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 19 03:36:08 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

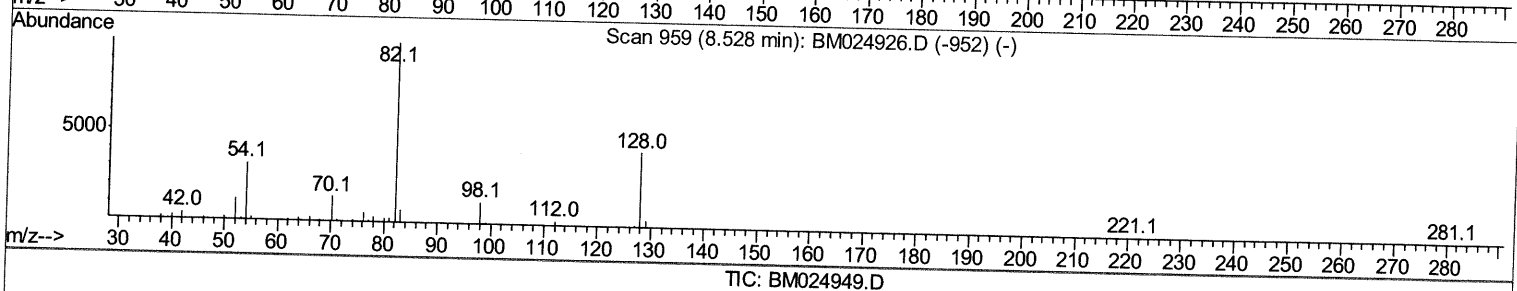
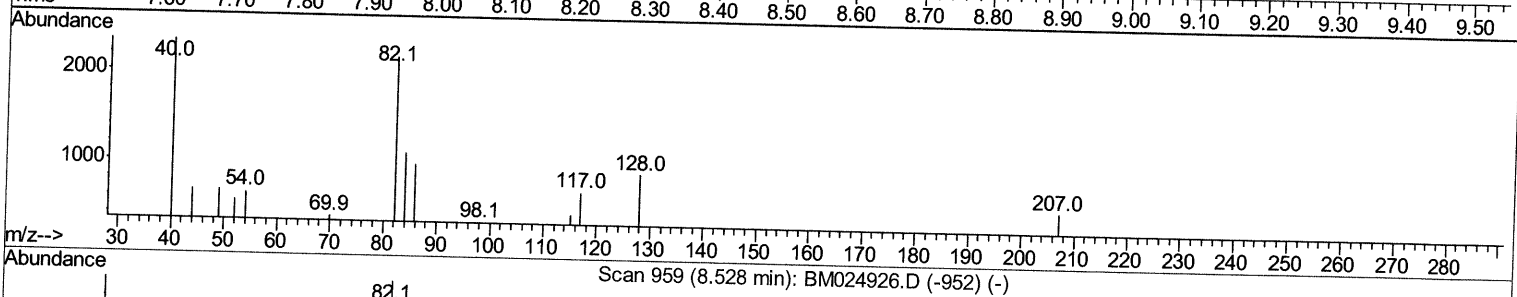
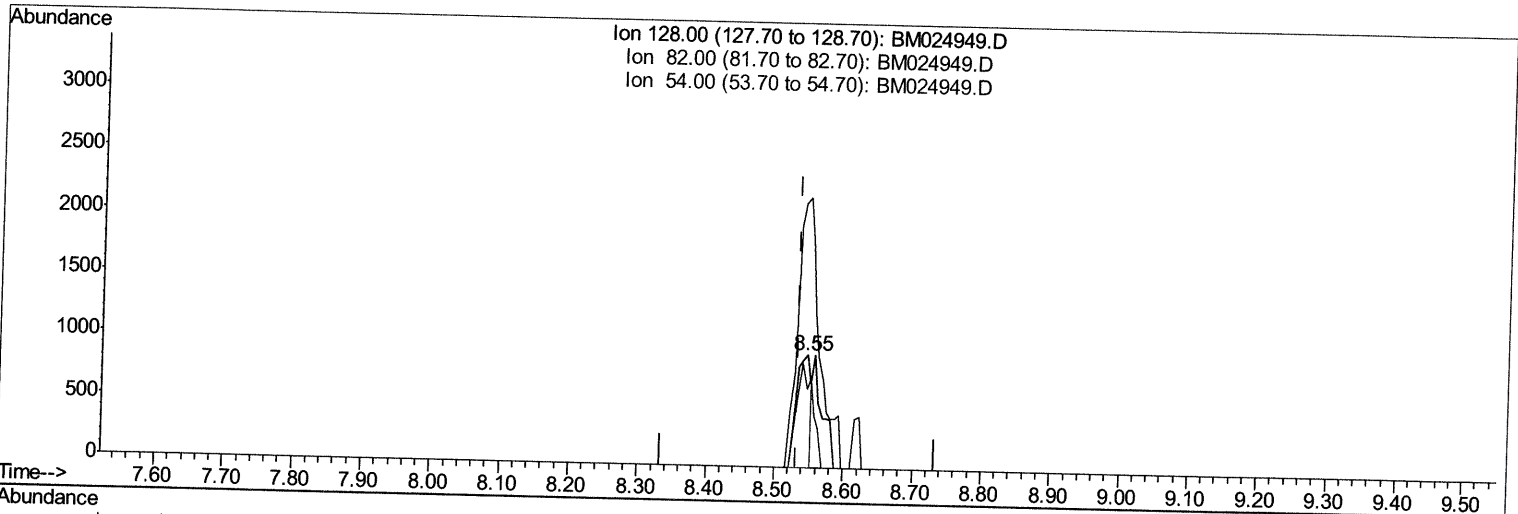
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(19) Nitrobenzene-d5 (S)  
 8.545min (+0.012) 0.13ng/ul  
 response 1305

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100    | 100    |
| 82.00  | 216.00 | 239.74 |
| 54.00  | 87.00  | 69.92  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

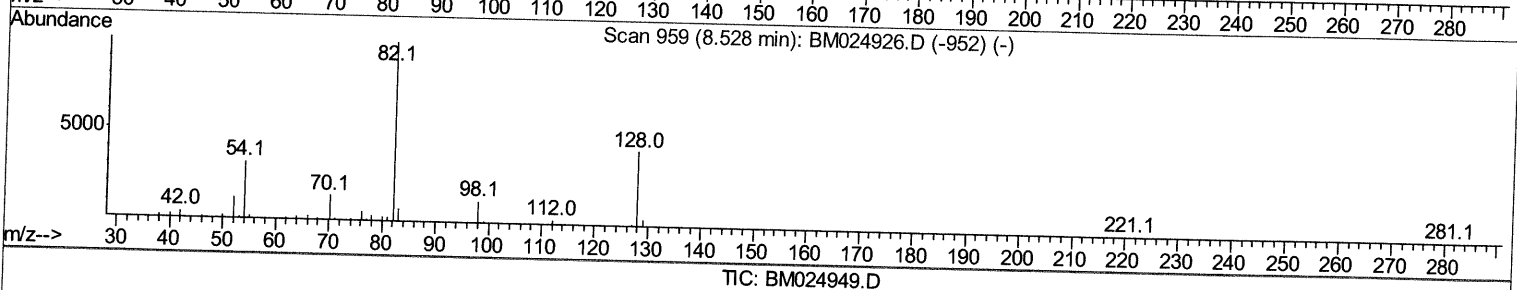
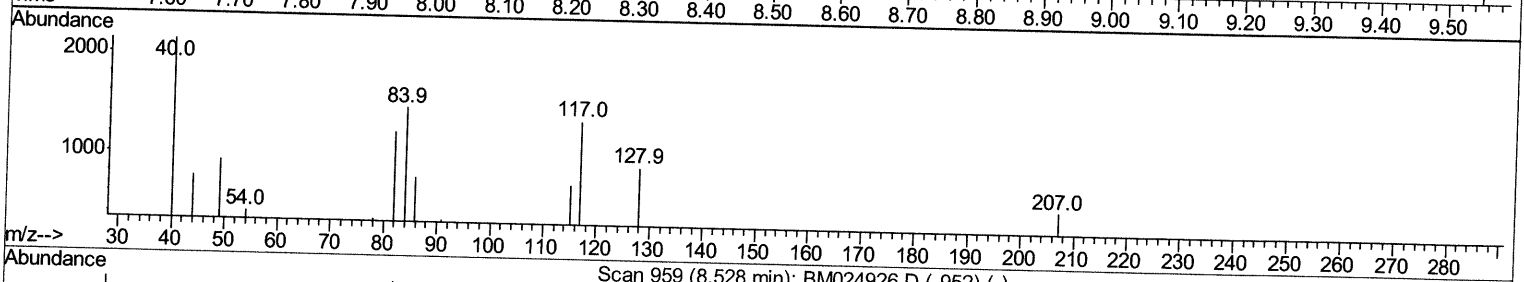
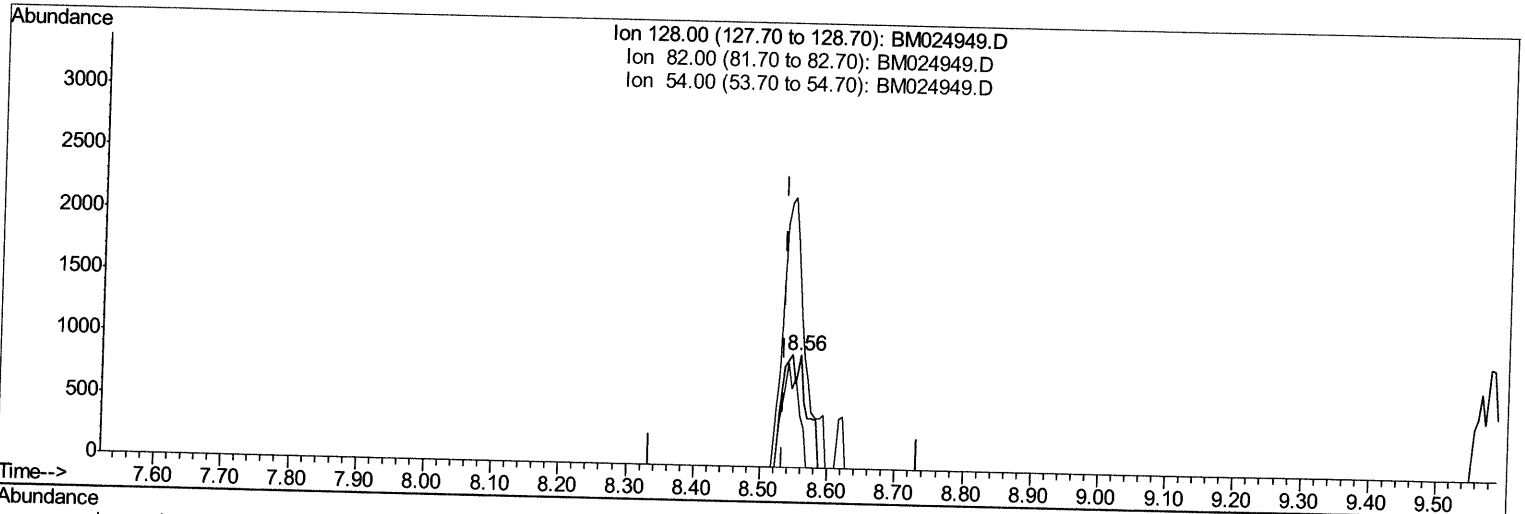
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\  
 Data File : BM024949.D  
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 Operator : CG/JU  
 Sample : L1486-15DL2 100X  
 Misc :  
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Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBCW6DL2

Manual Integrations  
 APPROVED

mohammad  
 2/20/2020 3:12:39 PM

Quant Time: Feb 19 23:17:08 2020  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 19 03:36:08 2020  
 Response via : Initial Calibration



(19) Nitrobenzene-d5 (S)

8.557min (+0.024) 0.23ng/ul m *Ju 02/21/20*

response 2234

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100    | 100     |
| 82.00  | 216.00 | 134.54# |
| 54.00  | 87.00  | 45.72#  |
| 0.00   | 0.00   | 0.00    |

# Quantitation Report (Qedit)

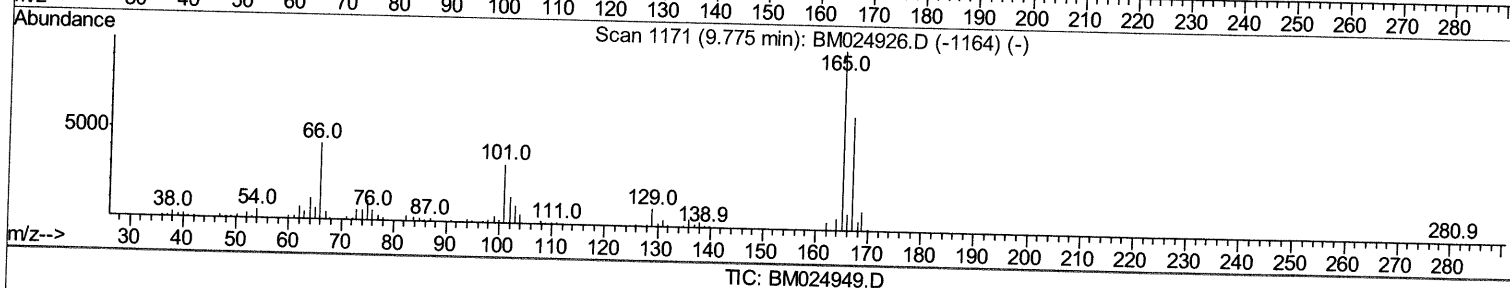
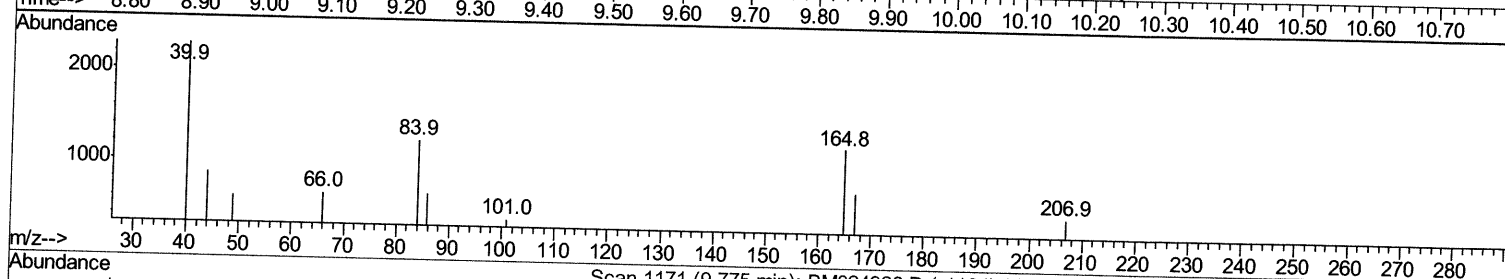
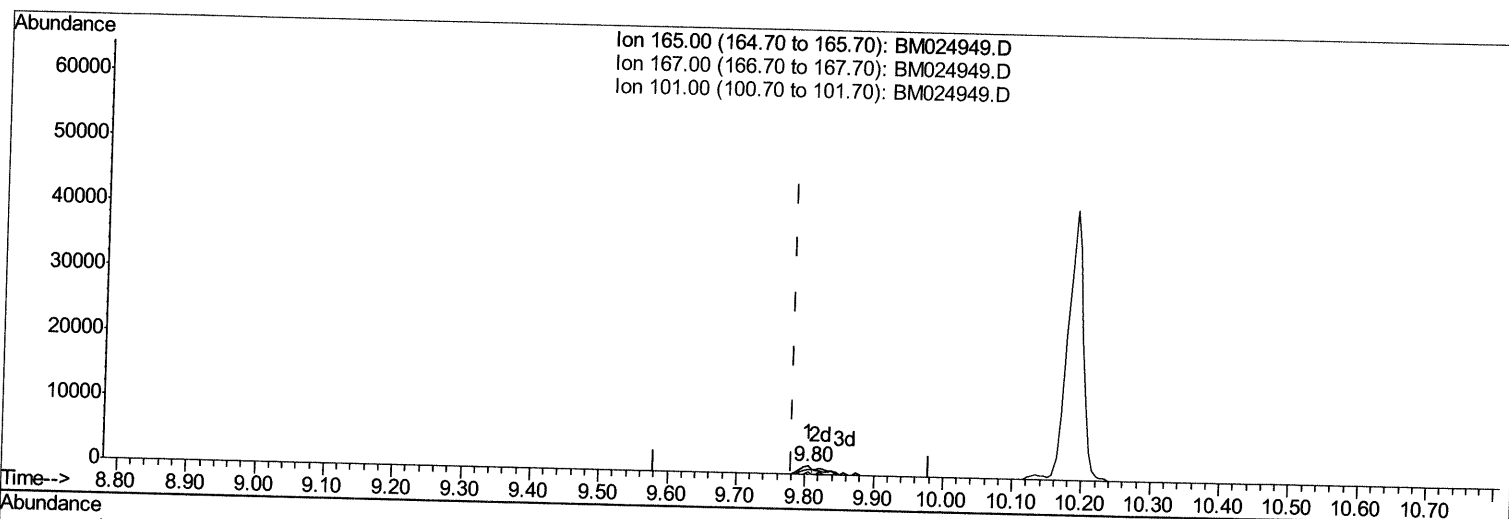
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\  
 Data File : BM024949.D  
 Acq On : 19 Feb 2020 18:17  
 Operator : CG/JU  
 Sample : L1486-15DL2 100X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DBCW6DL2

**Manual Integrations**  
**APPROVED**

mohammad  
 2/20/2020 3:12:39 PM

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

9.804min (+0.024) 0.06ng/ul

response 1505

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 165.00 | 100   | 100   |
| 167.00 | 66.40 | 61.27 |
| 101.00 | 30.80 | 31.80 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

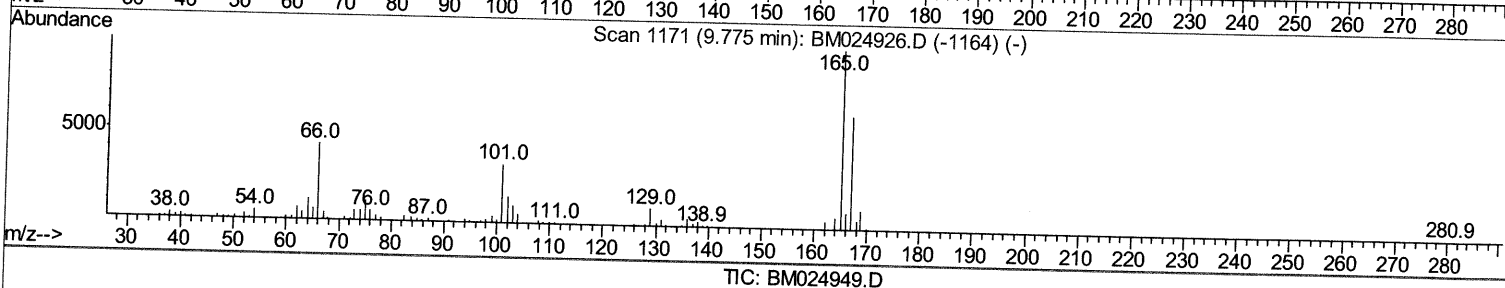
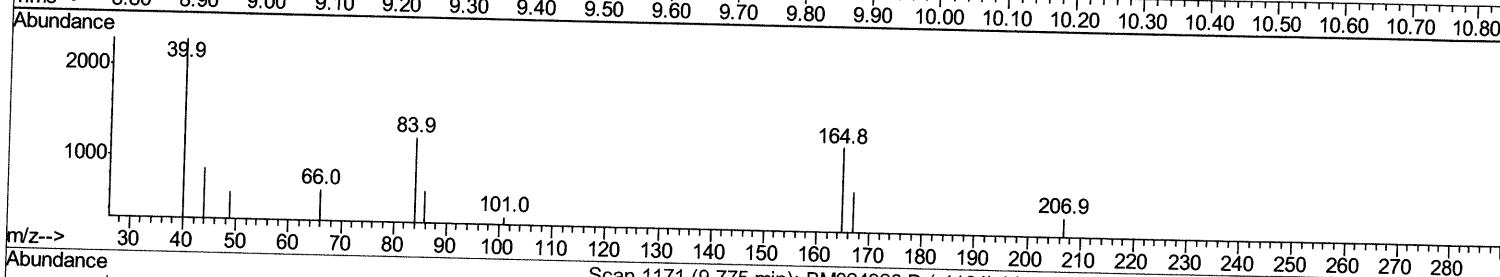
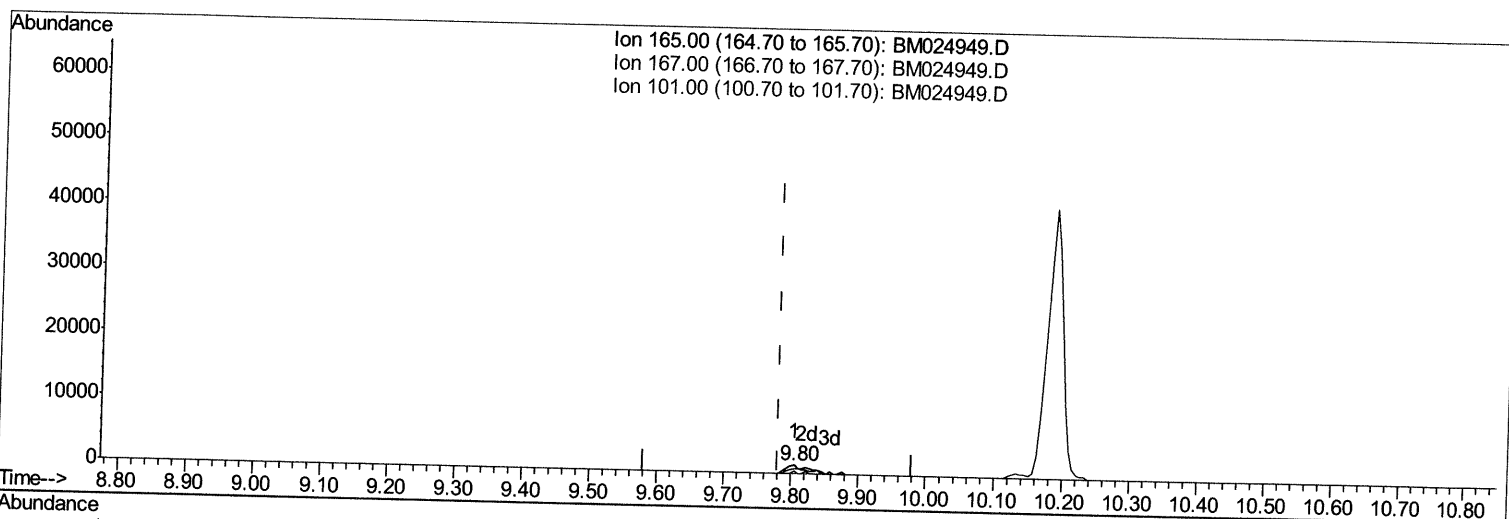
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\  
 Data File : BM024949.D  
 Acq On : 19 Feb 2020 18:17  
 Operator : CG/JU  
 Sample : L1486-15DL2 100X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBCW6DL2

Manual Integrations  
 APPROVED

mohammad  
 2/20/2020 3:12:39 PM

Quant Time: Feb 19 23:17:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM020620MA.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration



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

9.804min (+0.024) 0.13ng/ul m **JU 02/21/20**

response 2954

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 165.00 | 100   | 100   |
| 167.00 | 66.40 | 61.27 |
| 101.00 | 30.80 | 31.80 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

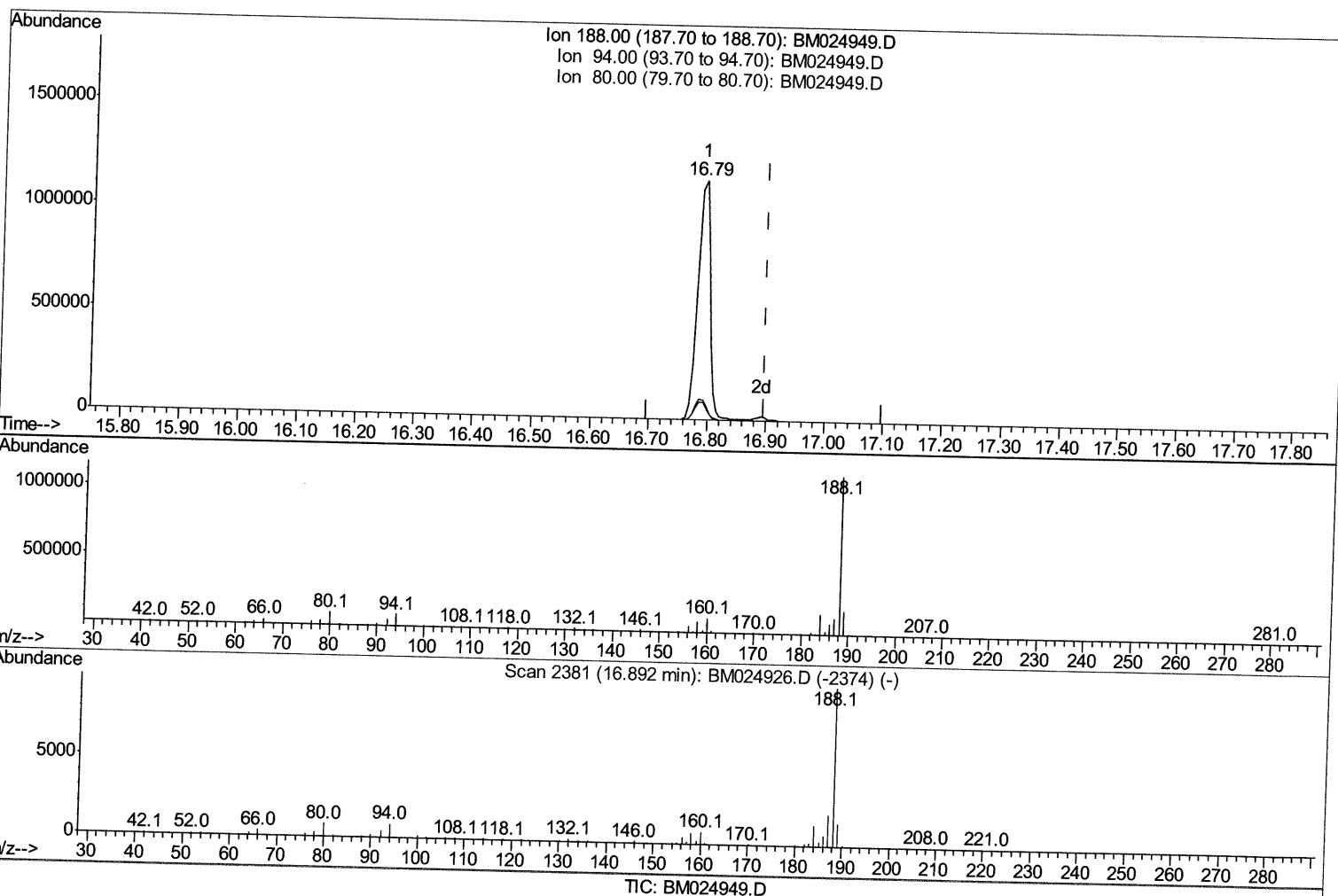
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\  
 Data File : BM024949.D  
 Acq On : 19 Feb 2020 18:17  
 Operator : CG/JU  
 Sample : L1486-15DL2 100X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DBCW6DL2

**Manual Integrations**  
**APPROVED**

mohammad  
 2/20/2020 3:12:39 PM

Quant Time: Feb 19 23:17:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM020620MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 19 03:36:08 2020  
 Response via : Initial Calibration



(71) Anthracene-d10 (S)

16.792min (-0.106) 21.91ng/ul

response 1667729

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 7.60 | 7.49 |
| 80.00  | 6.80 | 8.10 |
| 0.00   | 0.00 | 0.00 |

## Quantitation Report (Qedit)

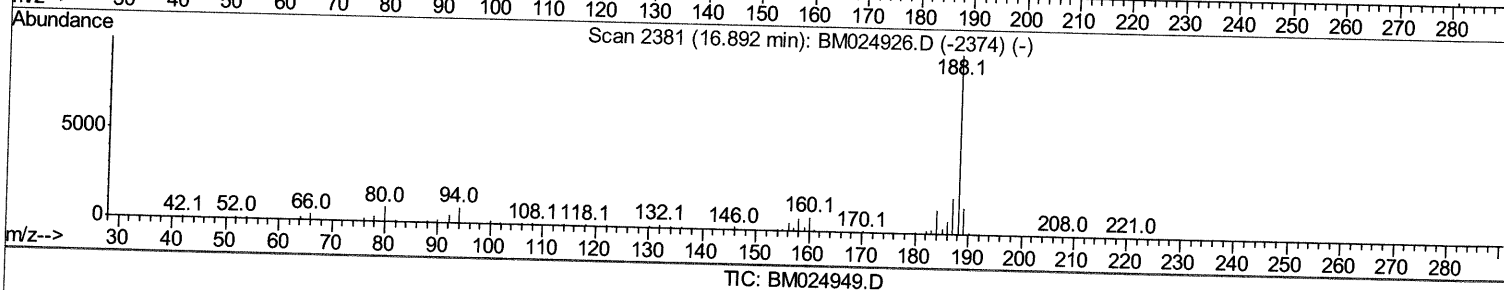
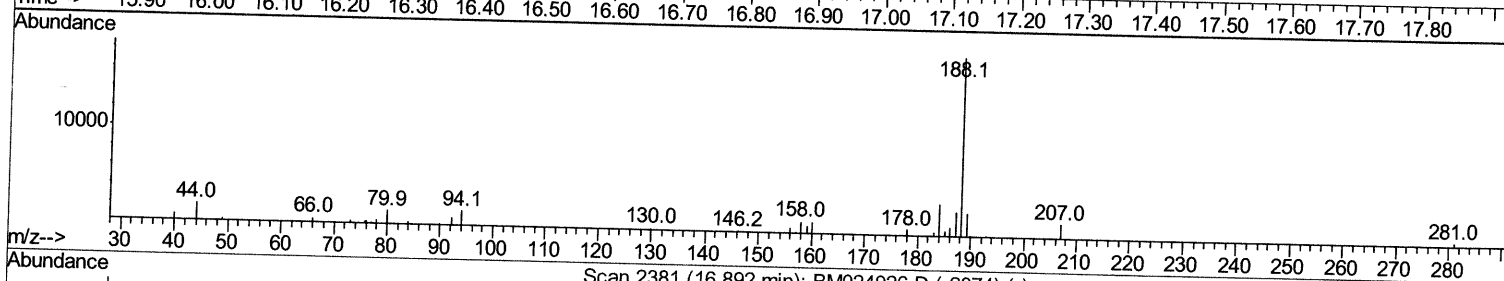
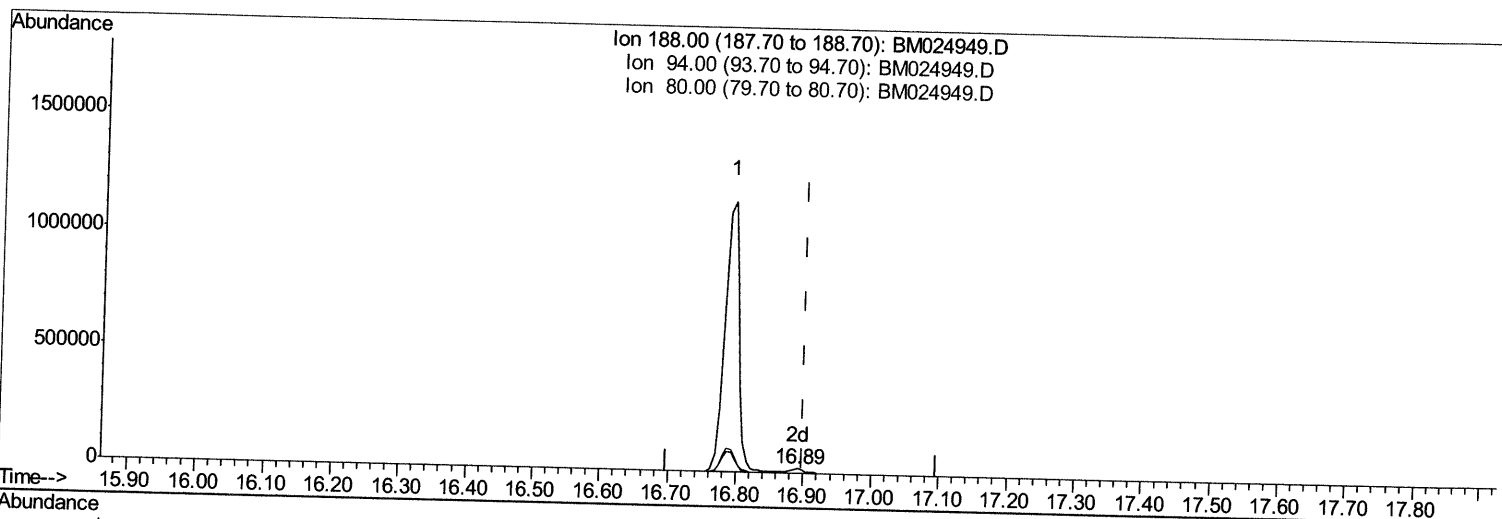
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\  
Data File : BM024949.D  
Acq On : 19 Feb 2020 18:17  
Operator : CG/JU  
Sample : L1486-15DL2 100X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBCW6DL2

Manual Integrations  
APPROVED

mohammad  
2/20/2020 3:12:39 PM

Quant Time: Feb 19 23:17:08 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM020620MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 19 03:36:08 2020  
Response via : Initial Calibration



(71) Anthracene-d10 (S)

16.892min (-0.006) 0.37ng/ul m JU 02/21/20

response 28298

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 7.60 | 9.57# |
| 80.00  | 6.80 | 8.91# |
| 0.00   | 0.00 | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\  
 Data File : BM024949.D  
 Acq On : 19 Feb 2020 18:17  
 Operator : CG/JU  
 Sample : L1486-15DL2 100X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 DBCW6DL2

Manual Integrations  
 APPROVED

mohammad  
 2/20/2020 3:12:39 PM

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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev (Min)        |
|--------------------------------|-------|------|----------|--------|--------|------------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.39  | 152  | 363895   | 20.00  | ng/ul  | 0.00             |
| 18) Naphthalene-d8             | 10.14 | 136  | 1356428  | 20.00  | ng/ul  | 0.00             |
| 36) Acenaphthene-d10           | 14.03 | 164  | 812255   | 20.00  | ng/ul  | 0.00             |
| 62) Phenanthrene-d10           | 16.79 | 188  | 1667729  | 20.00  | ng/ul  | 0.00             |
| 78) Chrysene-d12               | 21.00 | 240  | 1635721  | 20.00  | ng/ul  | 0.00             |
| 86) Perylene-d12               | 23.10 | 264  | 1710064  | 20.00  | ng/ul  | -0.01            |
| System Monitoring Compounds    |       |      |          |        |        |                  |
| 3) 1,4-Dioxane-d8              | 0.00  | 96   | 0        | 0.00   | ng/ul  |                  |
| 5) Phenol-d5                   | 0.00  | 99   | 0d       | 0.00   | ng/ul  |                  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.76  | 67   | 3771     | 0.28   | ng/ul  | 0.00             |
| 9) 2-Chlorophenol-d4           | 6.94  | 132  | 3646     | 0.17   | ng/ul  | 0.00             |
| 13) 4-Methylphenol-d8          | 0.00  | 113  | 0d       | 0.00   | ng/ul  |                  |
| 19) Nitrobenzene-d5            | 8.56  | 128  | 2234m>   | 0.23   | ng/ul> | 0.02 Ju 02/21/20 |
| 22) 2-Nitrophenol-d4           | 9.25  | 143  | 1452     | 0.13   | ng/ul  | 0.00             |
| 26) 2,4-Dichlorophenol-d3      | 9.80  | 165  | 2954m>   | 0.13   | ng/ul> | 0.02 Ju 02/21/20 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0d       | 0.00   | ng/ul  |                  |
| 44) Dimethylphthalate-d6       | 13.47 | 166  | 15254    | 0.25   | ng/ul  | 0.00             |
| 47) Acenaphthylene-d8          | 13.72 | 160  | 19084    | 0.27   | ng/ul  | 0.00             |
| 52) 4-Nitrophenol-d4           | 0.00  | 143  | 0        | 0.00   | ng/ul  |                  |
| 58) Fluorene-d10               | 15.04 | 176  | 14656    | 0.27   | ng/ul  | 0.00             |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200  | 0        | 0.00   | ng/ul  |                  |
| 71) Anthracene-d10             | 16.89 | 188  | 28298m>  | 0.37   | ng/ul> | 0.00 Ju 02/21/20 |
| 79) Pyrene-d10                 | 19.20 | 212  | 23065    | 0.28   | ng/ul  | 0.00             |
| 90) Benzo(a)pyrene-d12         | 22.97 | 264  | 23588    | 0.27   | ng/ul  | -0.01            |
| Target Compounds               |       |      |          |        |        |                  |
| 28) Naphthalene                | 10.19 | 128  | 2355767  | 33.991 | ng/ul  | Ovalue 99        |
| 34) 2-Methylnaphthalene        | 11.82 | 142  | 253740   | 4.970  | ng/ul  | 99               |
| 41) 1,1'-Biphenyl              | 12.86 | 154  | 64723    | 1.079  | ng/ul# | 99               |
| 50) Acenaphthene               | 14.10 | 153  | 311248   | 6.214  | ng/ul  | 99               |
| 54) Dibenzofuran               | 14.44 | 168  | 251559   | 3.369  | ng/ul  | 98               |
| 59) Fluorene                   | 15.10 | 166  | 111985   | 1.820  | ng/ul  | 99               |
| 70) Phenanthrene               | 16.83 | 178  | 241215   | 2.653  | ng/ul  | 99               |

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