

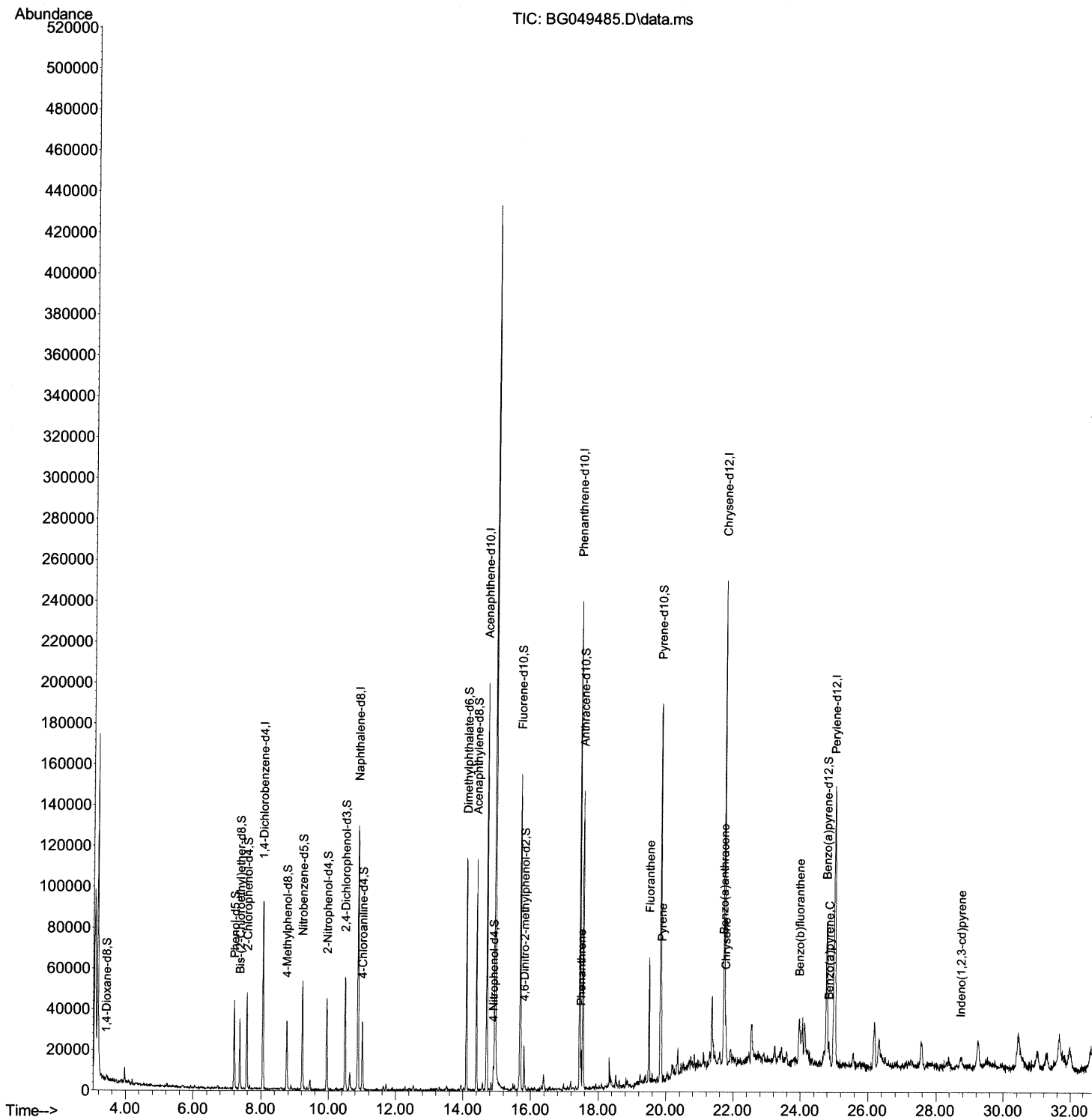
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072621\  
Data File : BG049485.D  
Acq On : 26 Jul 2021 19:23  
Operator : CG/JU  
Sample : M3082-14  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0012

Manual Integrations  
APPROVED

mohammad  
7/27/2021 12:06:52 PM

Quant Time: Jul 27 02:49:23 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jul 26 11:36:47 2021  
Response via : Initial Calibration



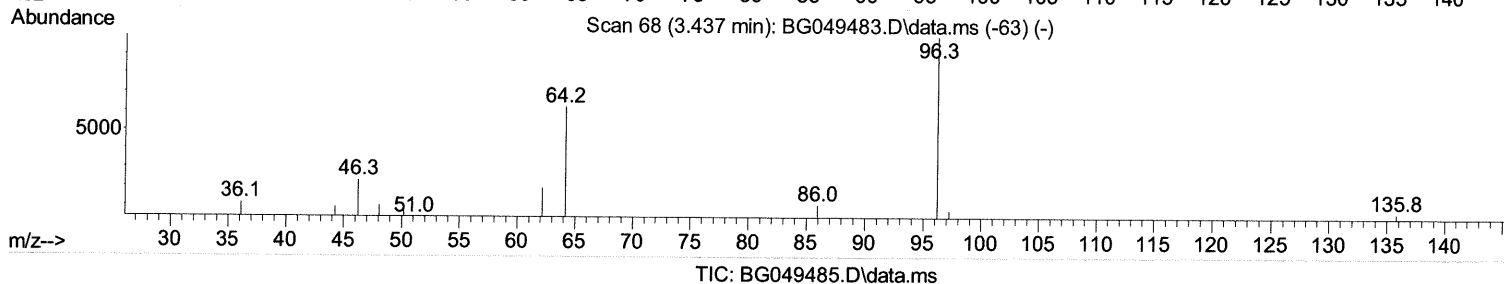
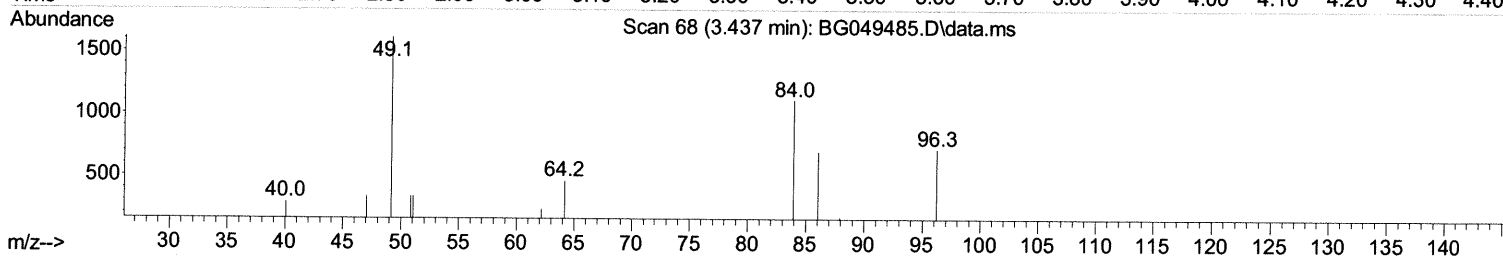
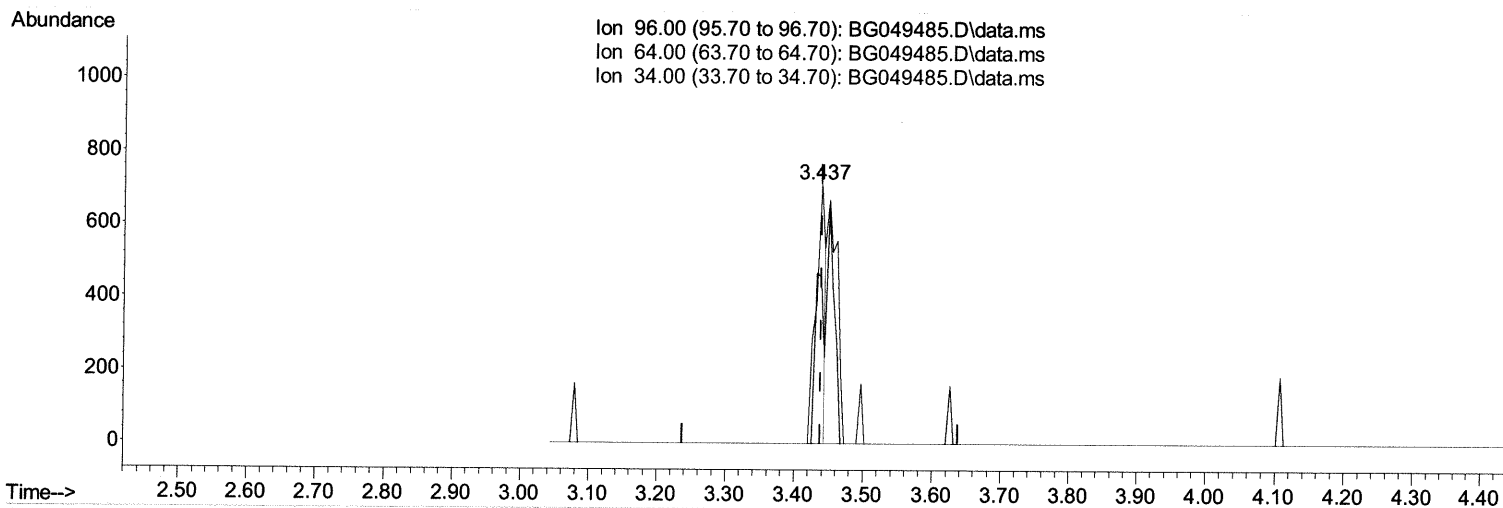
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(3) 1,4-Dioxane-d8 (S)

3.437min (-0.001) 1.24 ng/uL

response 679

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 62.60  | 64.06  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

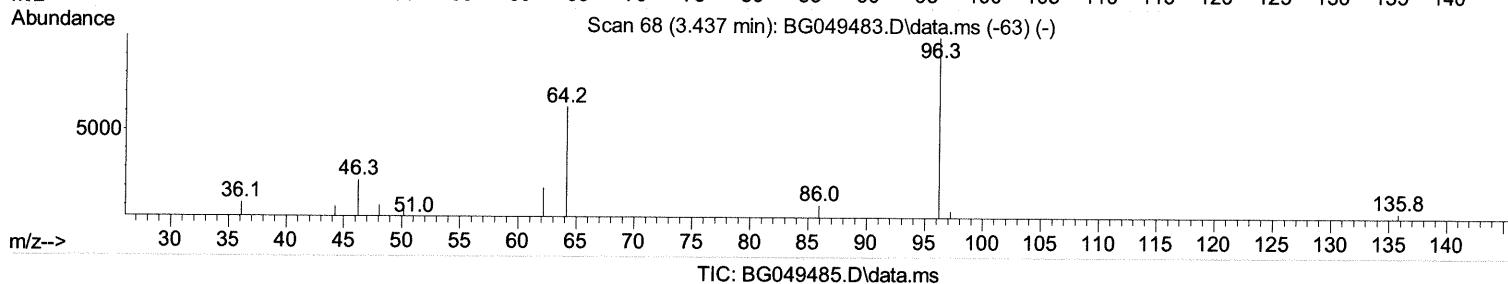
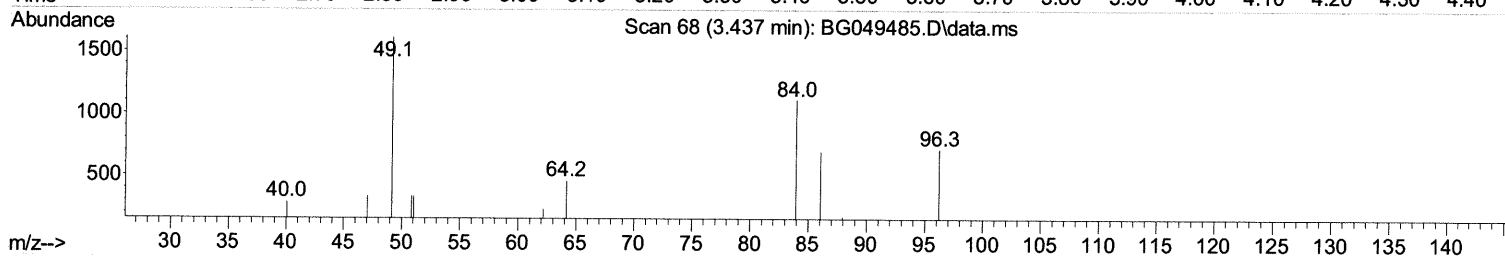
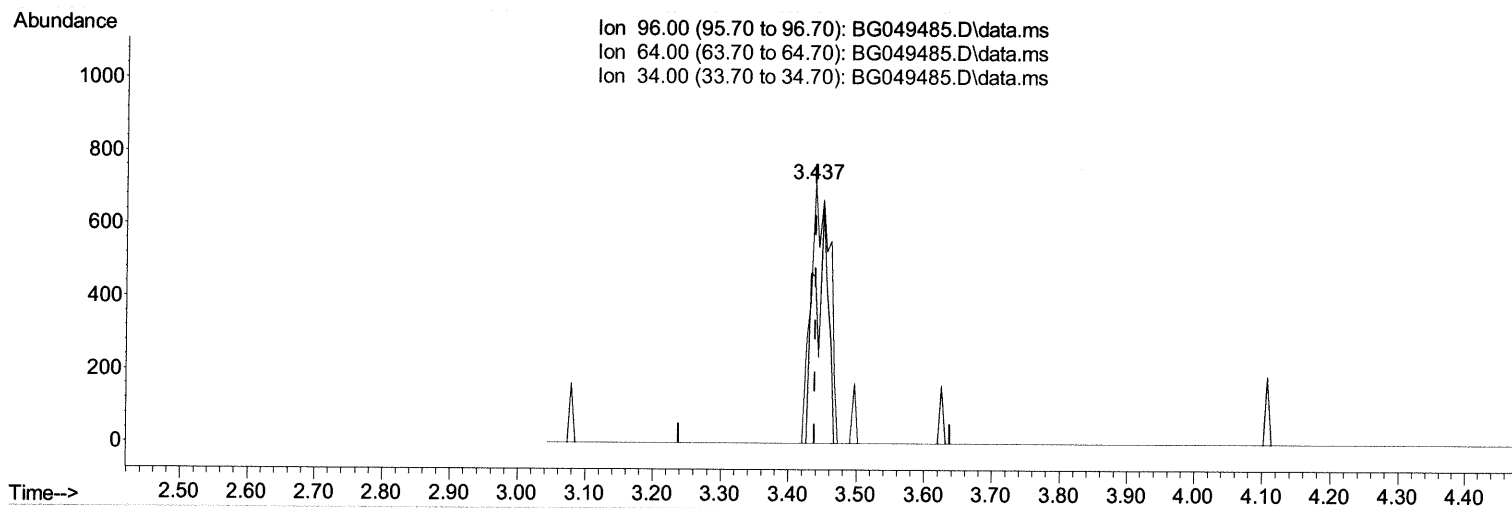
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072621\  
Data File : BG049485.D  
Acq On : 26 Jul 2021 19:23  
Operator : CG/JU  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0012

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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration



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

3.437min (-0.001) 2.49 ng/uL m 07/29/21 JU

response 1361

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 62.60  | 64.06  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

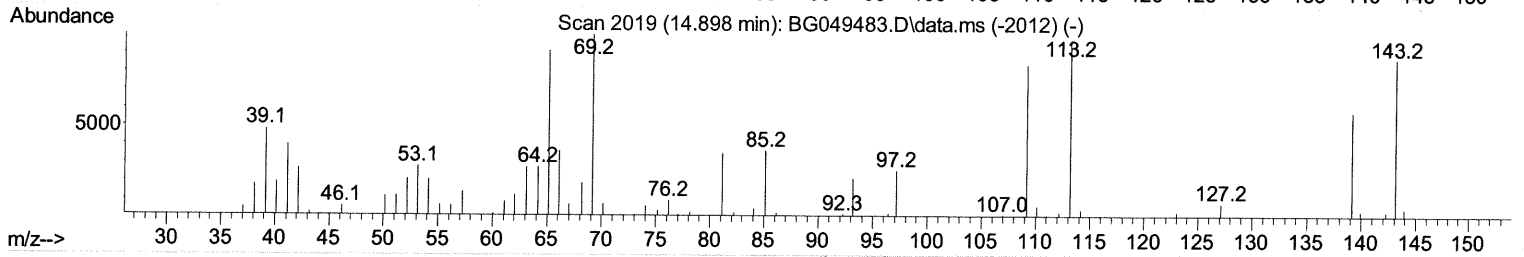
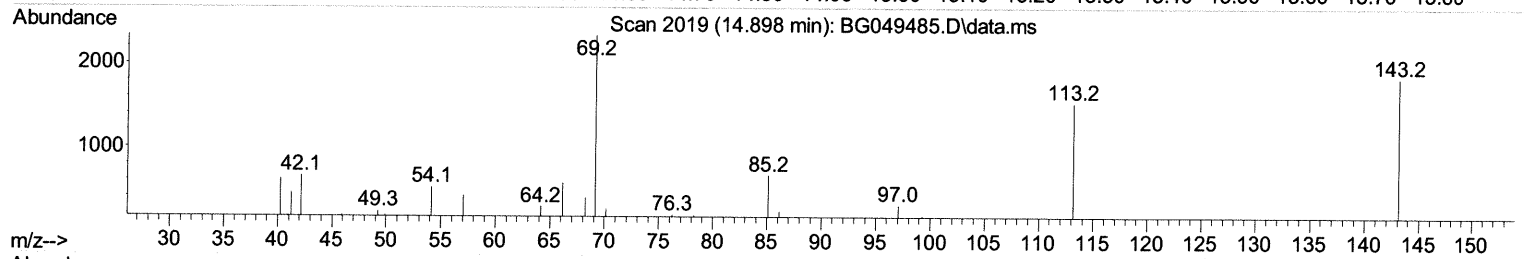
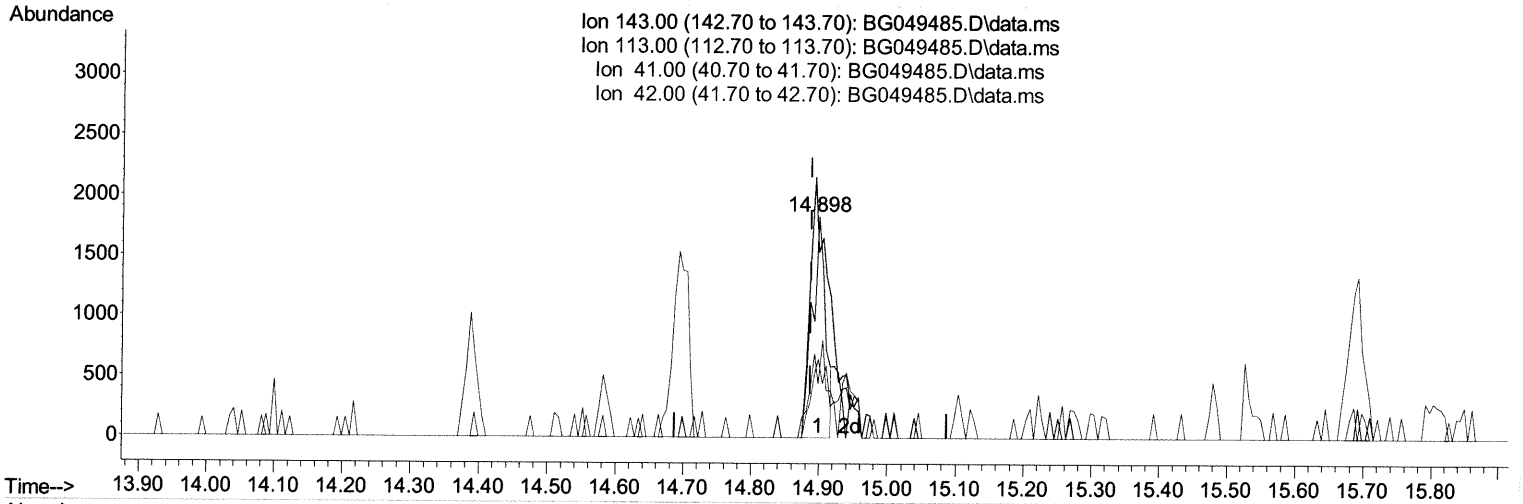
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072621\  
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TIC: BG049485.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.898min (+ 0.011) 2.82 ng/ul

response 2511

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 132.50 | 83.56# |
| 41.00  | 48.90  | 24.39# |
| 42.00  | 40.70  | 35.49  |

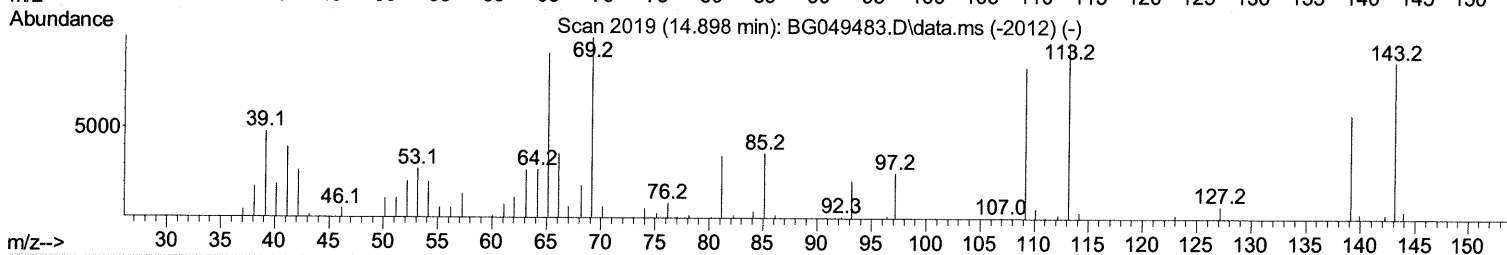
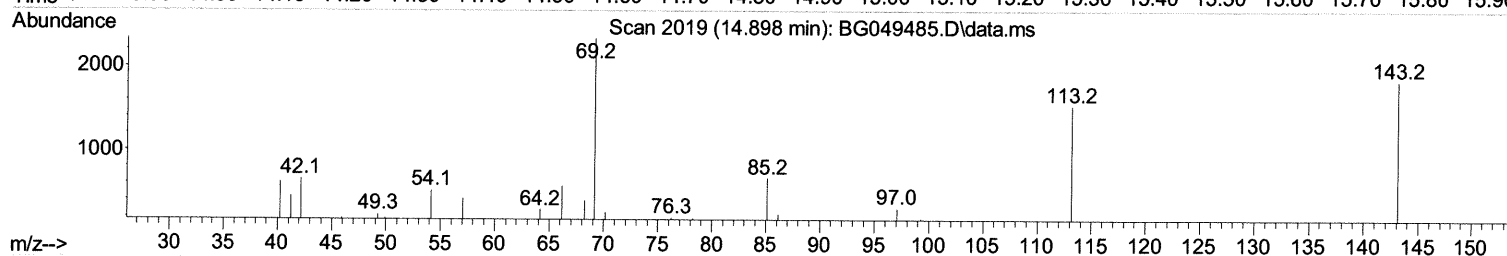
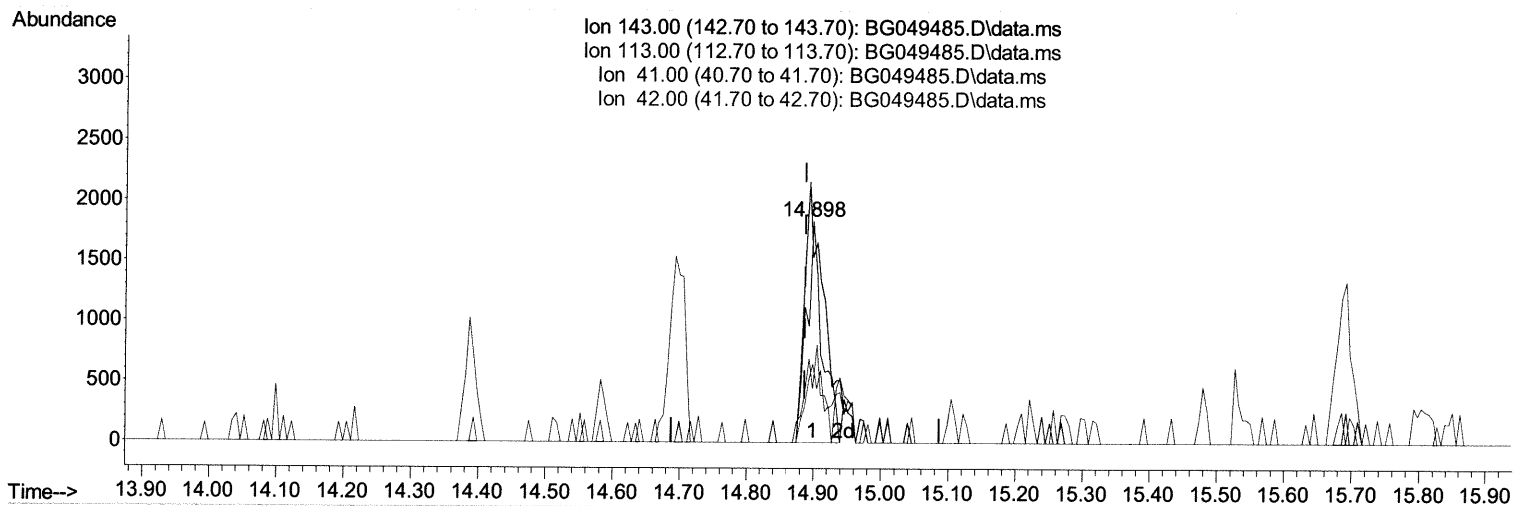
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Data File : BG049485.D  
Acq On : 26 Jul 2021 19:23  
Operator : CG/JU  
Sample : M3082-14  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0012

Manual Integrations  
APPROVED

mohammad  
7/27/2021 12:06:52 PM

Quant Time: Jul 27 02:49:23 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jul 26 11:36:47 2021  
Response via : Initial Calibration



TIC: BG049485.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.898min (+ 0.011) 3.39 ng/ul m 07/29/21 JU

response 3013

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 132.50 | 83.56# |
| 41.00  | 48.90  | 24.39# |
| 42.00  | 40.70  | 35.49  |

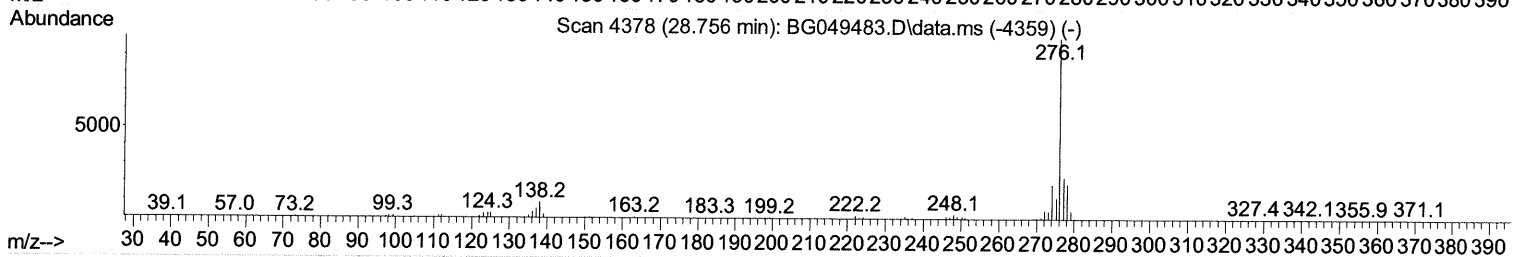
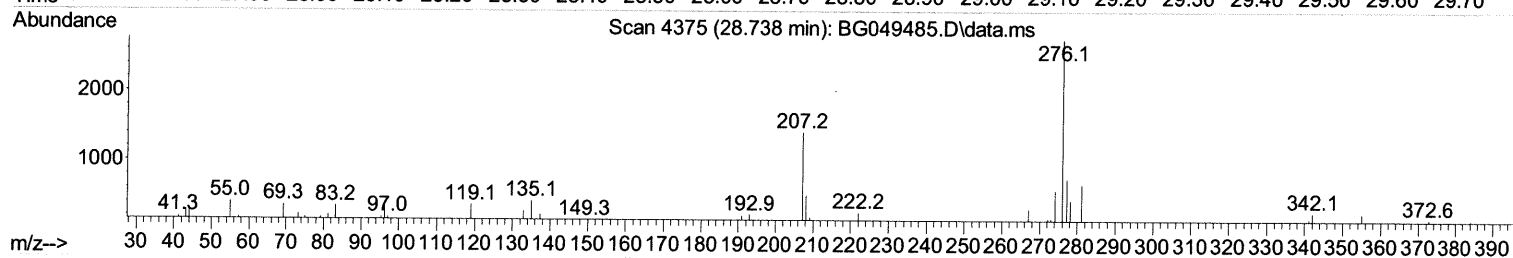
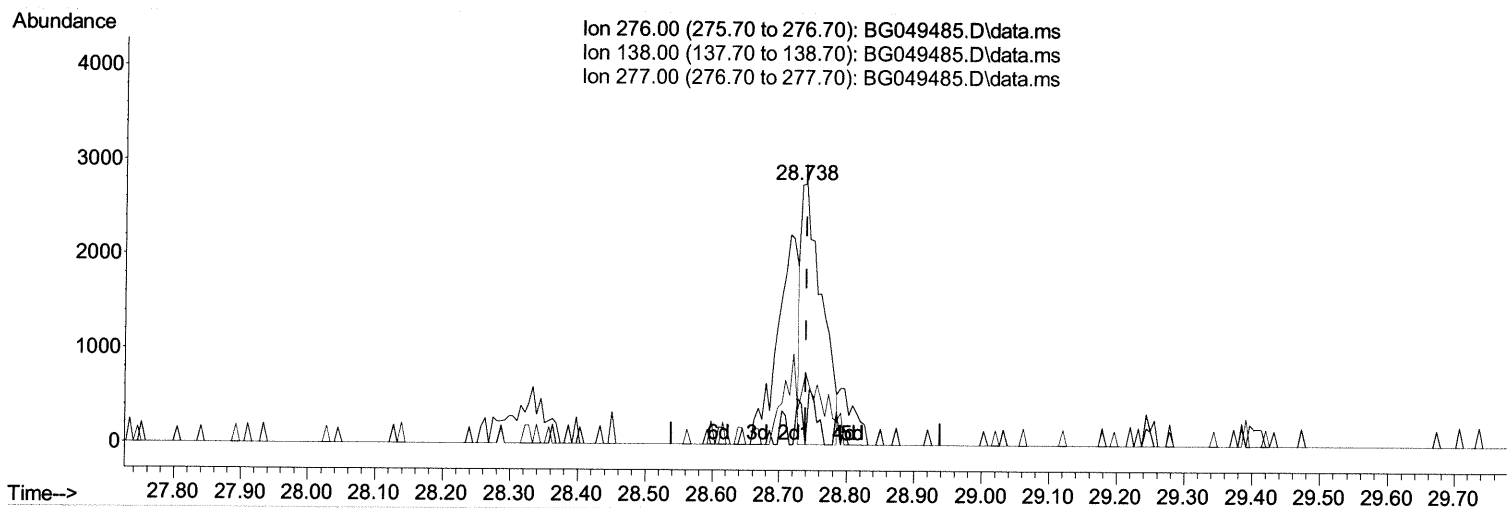
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072621\  
Data File : BG049485.D  
Acq On : 26 Jul 2021 19:23  
Operator : CG/JU  
Sample : M3082-14  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0012

Manual Integrations  
APPROVED

mohammad  
7/27/2021 12:06:52 PM

Quant Time: Jul 27 02:49:23 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jul 26 11:36:47 2021  
Response via : Initial Calibration



(94) Indeno(1,2,3-cd)pyrene

28.738min (-0.001) 0.60 ng/u1

response 5961

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 9.10   | 0.00#  |
| 277.00 | 24.00  | 27.16  |
| 0.00   | 0.00   | 0.00   |

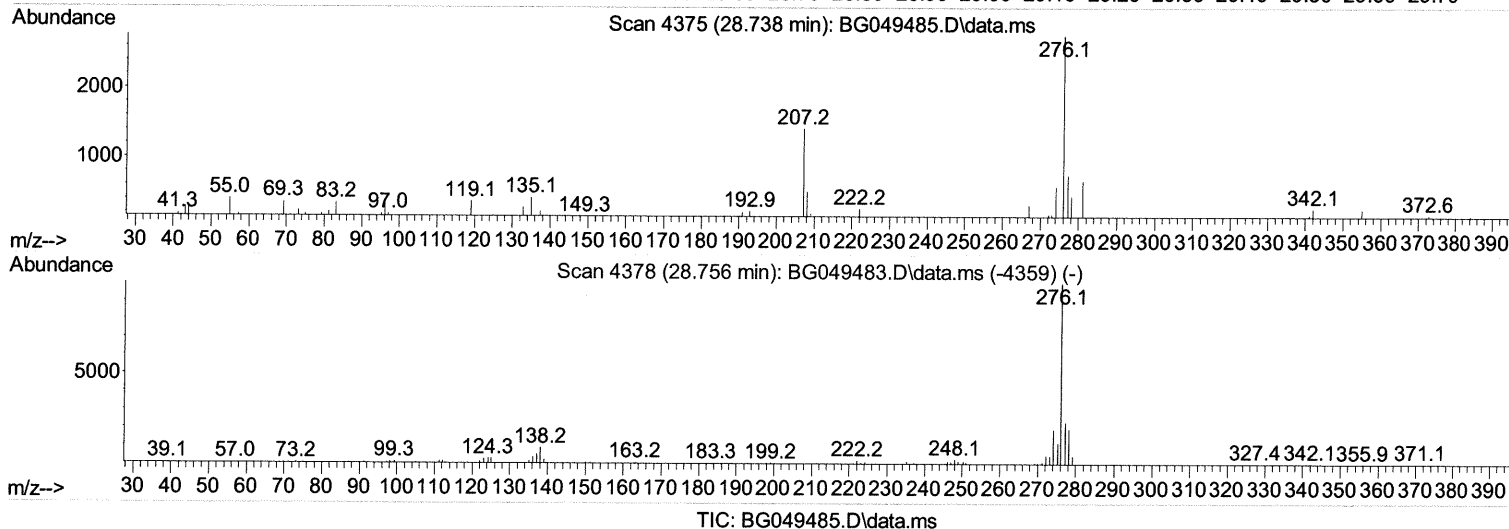
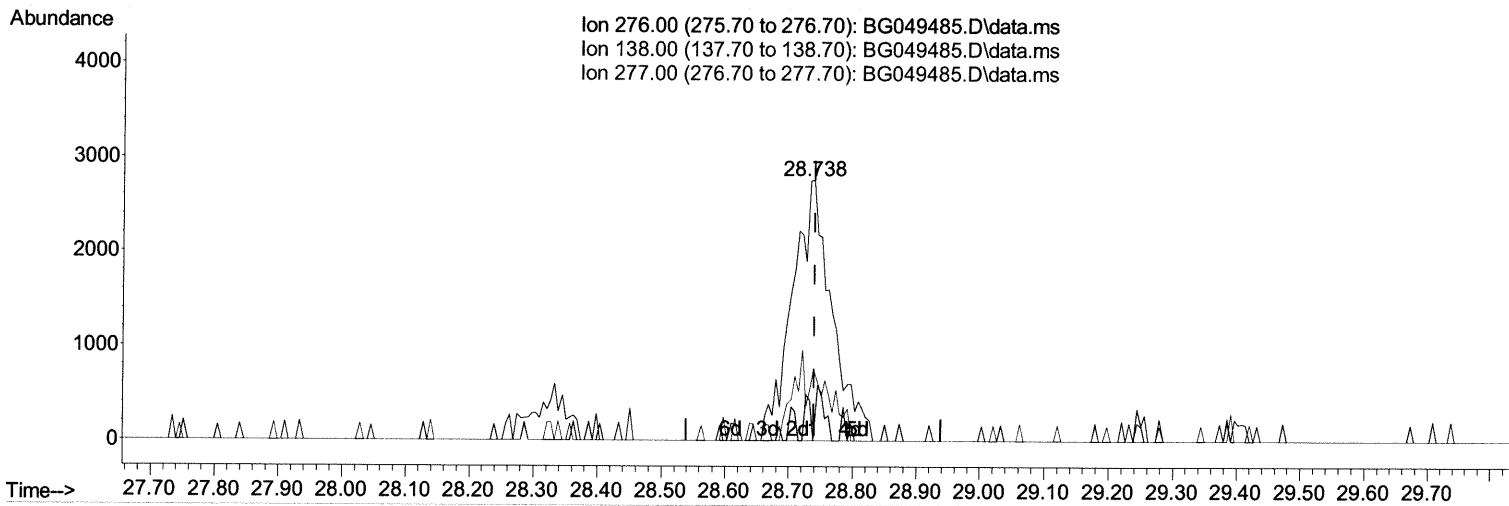
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Data File : BG049485.D  
Acq On : 26 Jul 2021 19:23  
Operator : CG/JU  
Sample : M3082-14  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0012

Manual Integrations  
APPROVED

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG072421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jul 26 11:36:47 2021  
Response via : Initial Calibration



(94) Indeno(1,2,3-cd)pyrene

28.738min (-0.001) 1.19 ng/ul m 07/29/21 JU

response 11795

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 9.10   | 0.00#  |
| 277.00 | 24.00  | 27.16  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072621\  
 Data File : BG049485.D  
 Acq On : 26 Jul 2021 19:23  
 Operator : CG/JU  
 Sample : M3082-14  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0012

Manual Integrations  
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mohammad  
 7/27/2021 12:06:52 PM

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 QLast Update : Mon Jul 26 11:36:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units   | Dev(Min)           |
|-------------------------------|--------|------|----------|--------|---------|--------------------|
| Internal Standards            |        |      |          |        |         |                    |
| 1) 1,4-Dichlorobenzene-d4     | 8.055  | 152  | 24980    | 20.000 | ng/ul   | 0.00               |
| 20) Naphthalene-d8            | 10.868 | 136  | 103902   | 20.000 | ng/ul   | # 0.00             |
| 38) Acenaphthene-d10          | 14.699 | 164  | 70465    | 20.000 | ng/ul   | 0.00               |
| 64) Phenanthrene-d10          | 17.448 | 188  | 146173   | 20.000 | ng/ul   | 0.00               |
| 79) Chrysene-d12              | 21.724 | 240  | 138883   | 20.000 | ng/ul   | 0.00               |
| 88) Perylene-d12              | 24.996 | 264  | 143457   | 20.000 | ng/ul   | 0.00               |
| System Monitoring Compounds   |        |      |          |        |         |                    |
| 3) 1,4-Dioxane-d8             | 3.437  | 96   | 1361m >  | 2.493  | ng/ul   | > 0.00 07/24/21 JU |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul   |                    |
| 7) Phenol-d5                  | 7.209  | 99   | 23953    | 10.838 | ng/ul   | 0.00               |
| 9) Bis-(2-Chloroethyl)eth...  | 7.367  | 67   | 17461    | 13.950 | ng/ul   | 0.00               |
| 11) 2-Chlorophenol-d4         | 7.585  | 132  | 20229    | 12.769 | ng/ul   | 0.00               |
| 15) 4-Methylphenol-d8         | 8.760  | 113  | 12637    | 7.586  | ng/ul   | 0.00               |
| 21) Nitrobenzene-d5           | 9.218  | 128  | 11351    | 14.209 | ng/ul   | 0.00               |
| 24) 2-Nitrophenol-d4          | 9.946  | 143  | 11892    | 12.704 | ng/ul   | 0.00               |
| 28) 2,4-Dichlorophenol-d3     | 10.487 | 165  | 20020    | 11.759 | ng/ul   | 0.00               |
| 31) 4-Chloroaniline-d4        | 11.009 | 131  | 17595    | 7.415  | ng/ul   | 0.01               |
| 46) Dimethylphthalate-d6      | 14.093 | 166  | 71645    | 13.273 | ng/ul   | 0.00               |
| 49) Acenaphthylene-d8         | 14.393 | 160  | 82724    | 13.195 | ng/ul   | 0.00               |
| 54) 4-Nitrophenol-d4          | 14.898 | 143  | 3013m >  | 3.390  | ng/ul   | > 0.01 07/24/21 JU |
| 60) Fluorene-d10              | 15.691 | 176  | 66131    | 14.221 | ng/ul   | 0.00               |
| 65) 4,6-Dinitro-2-methylph... | 15.803 | 200  | 4879     | 5.386  | ng/ul   | 0.00               |
| 73) Anthracene-d10            | 17.542 | 188  | 87333    | 12.855 | ng/ul   | 0.00               |
| 81) Pyrene-d10                | 19.833 | 212  | 98040    | 13.805 | ng/ul   | 0.00               |
| 92) Benzo(a)pyrene-d12        | 24.767 | 264  | 79268    | 10.513 | ng/ul   | 0.00               |
| Target Compounds              |        |      |          |        |         |                    |
| 72) Phenanthrene              | 17.489 | 178  | 10855    | 1.426  | ng/ul   | 96                 |
| 80) Fluoranthene              | 19.498 | 202  | 37737    | 4.376  | ng/ul#  | 95                 |
| 82) Pyrene                    | 19.862 | 202  | 28815    | 3.366  | ng/ul   | 100                |
| 85) Benzo(a)anthracene        | 21.701 | 228  | 16514    | 1.945  | ng/ul#  | 87                 |
| 87) Chrysene                  | 21.765 | 228  | 17452    | 2.147  | ng/ul   | 92                 |
| 90) Benzo(b)fluoranthene      | 23.957 | 252  | 29162    | 3.243  | ng/ul#  | 93                 |
| 93) Benzo(a)pyrene            | 24.838 | 252  | 12148    | 1.557  | ng/ul#  | 90                 |
| 94) Indeno(1,2,3-cd)pyrene    | 28.738 | 276  | 11795m > | 1.185  | ng/ul > | 07/24/21 JU        |

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