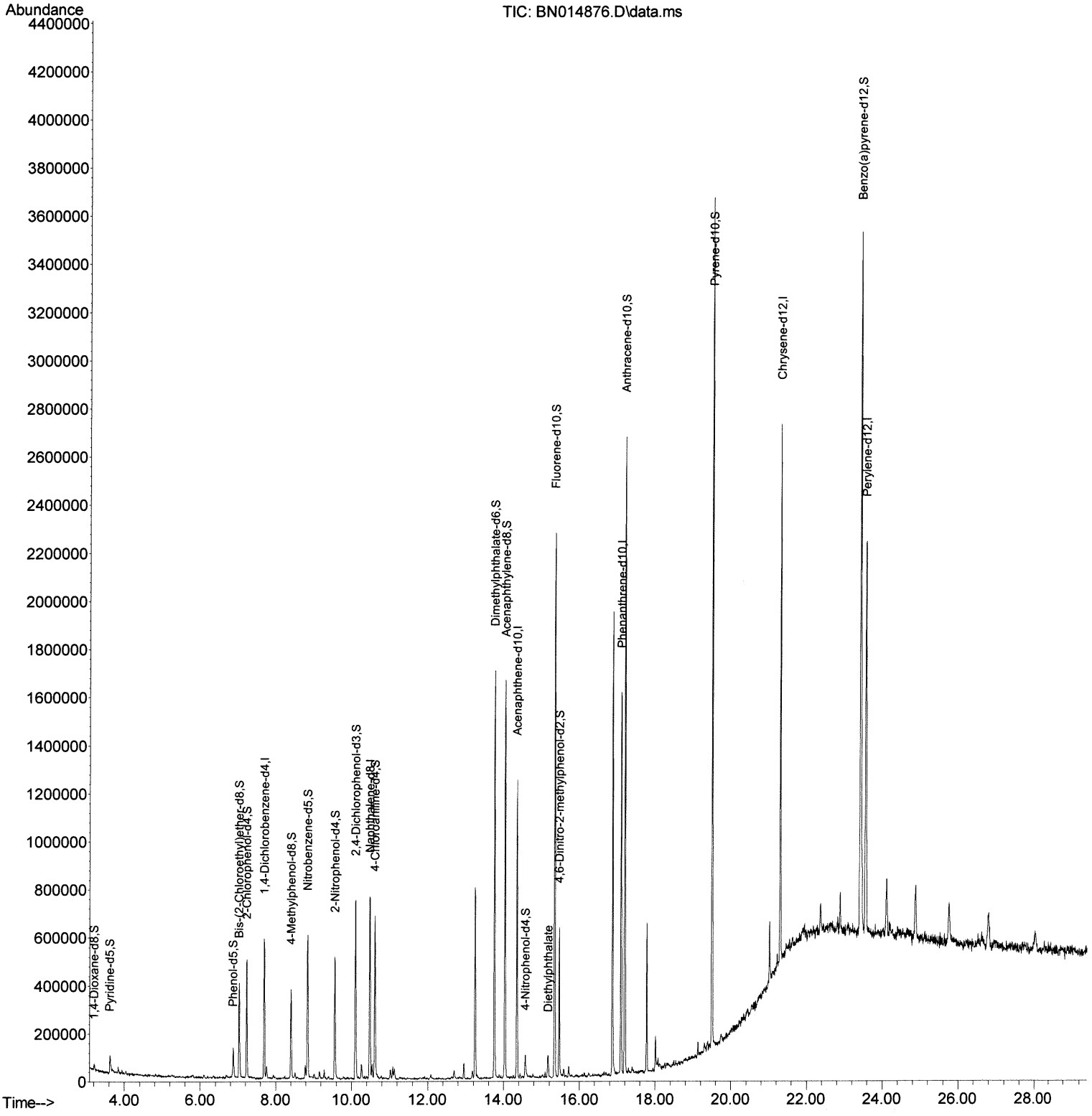
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
Sample : M2596-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 11 01:49:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BG5W4

**Manual Integrations APPROVED**
mohammad
6/11/2021 2:13:42 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
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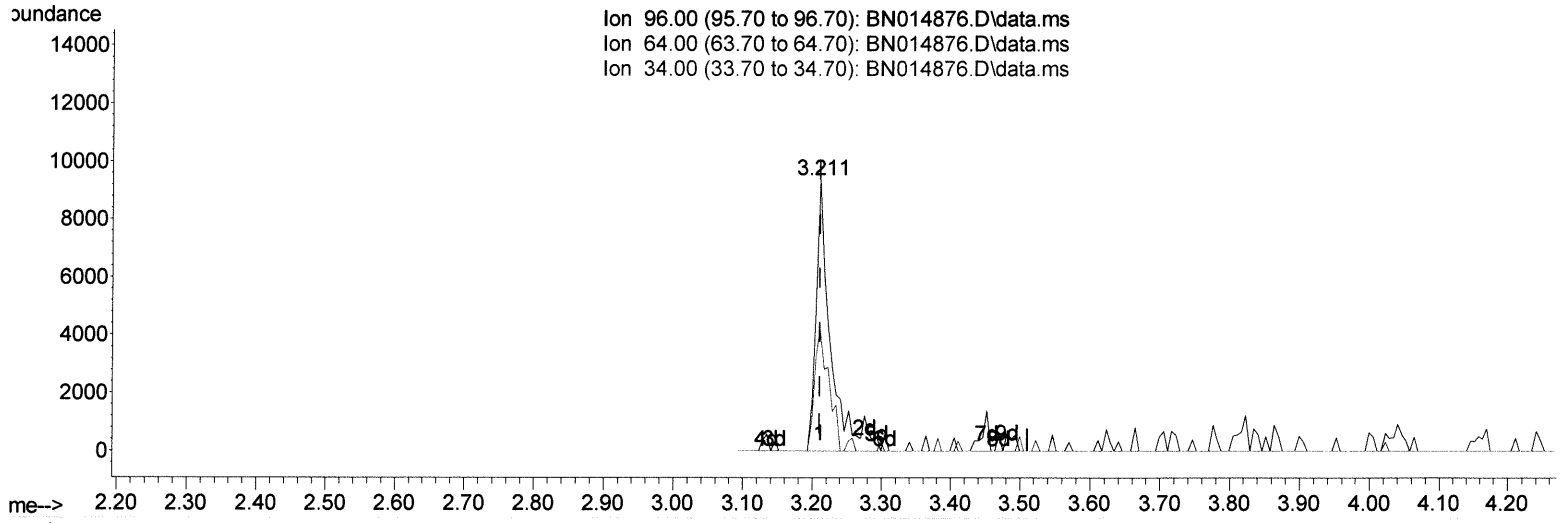
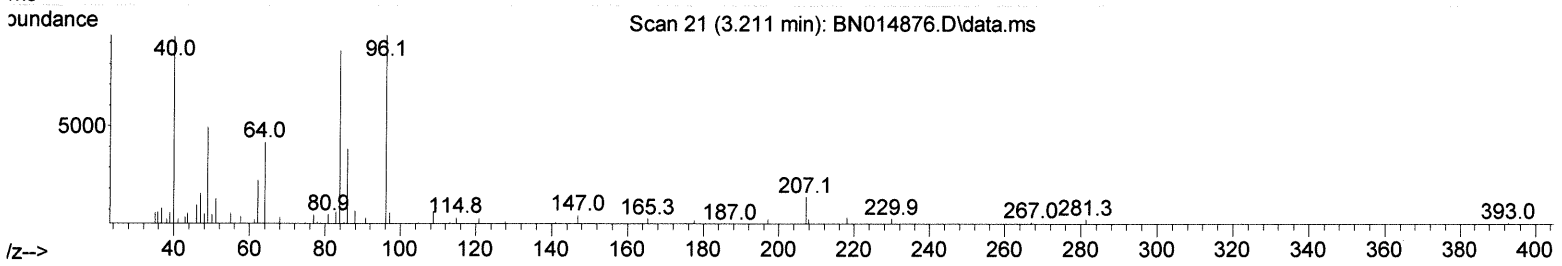
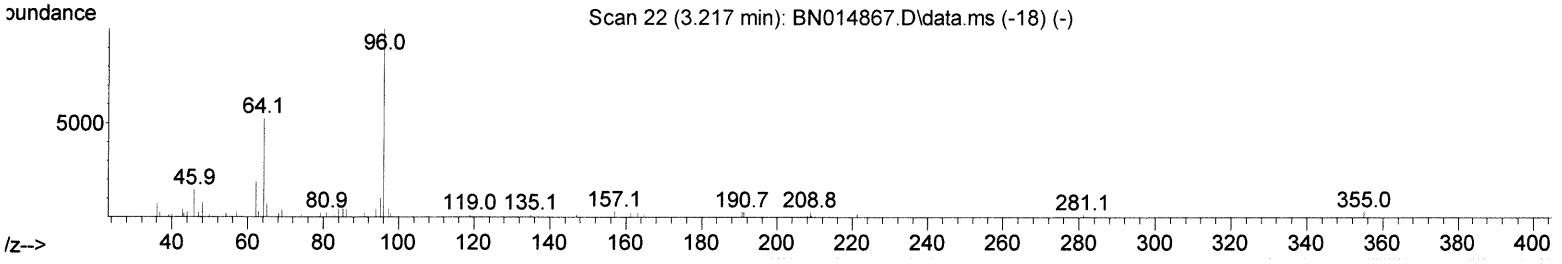
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BG5W4

**Manual Integrations APPROVED**
mohammad
6/11/2021 2:13:42 PM




TIC: BN014876.D\data.ms

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

3.211min (-0.000) 3.61 ng/uL

response 11981

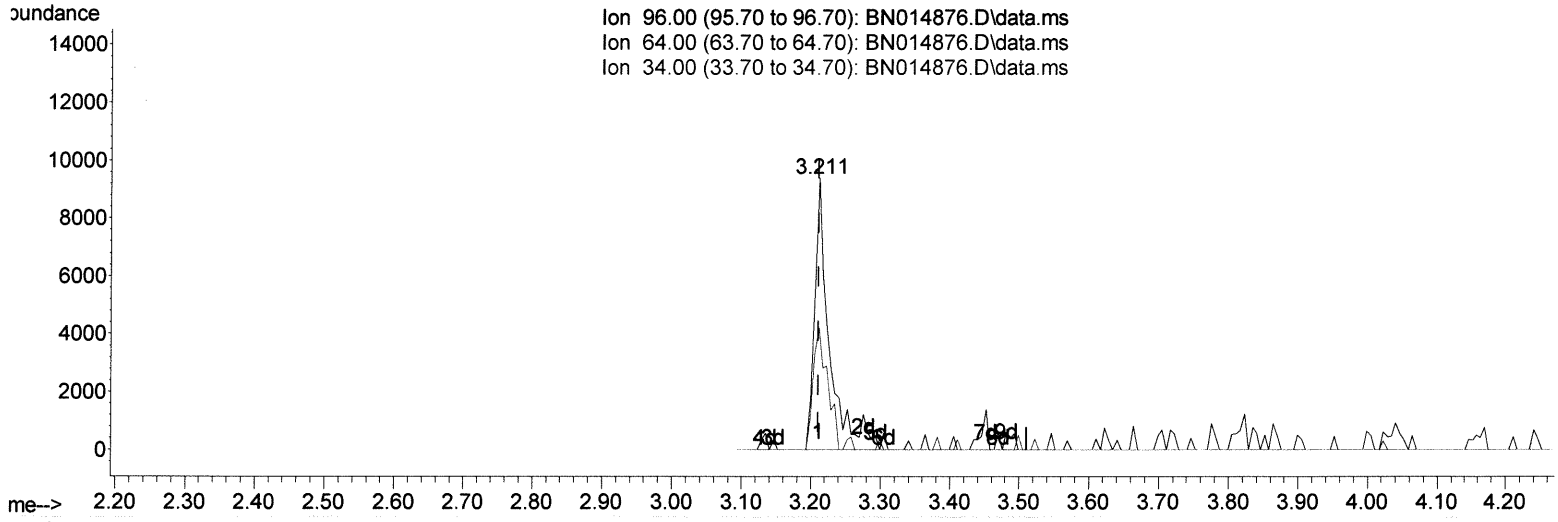
| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 64.30 | 45.01# |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

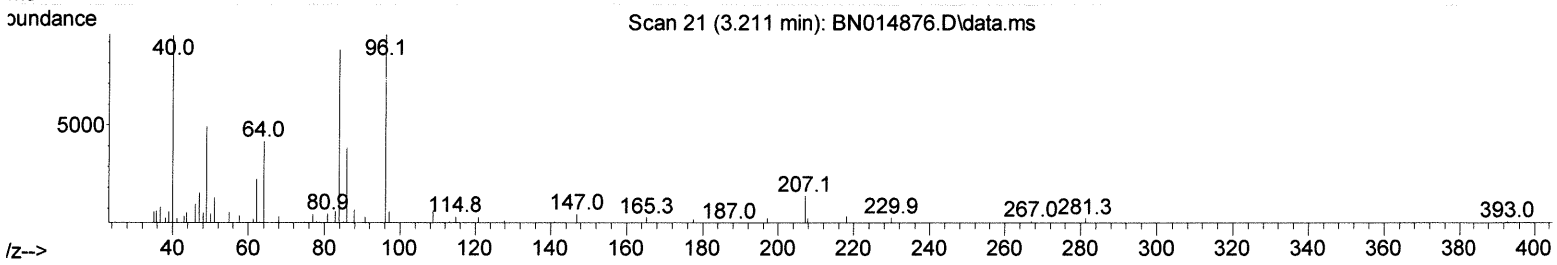
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
Sample : M2596-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

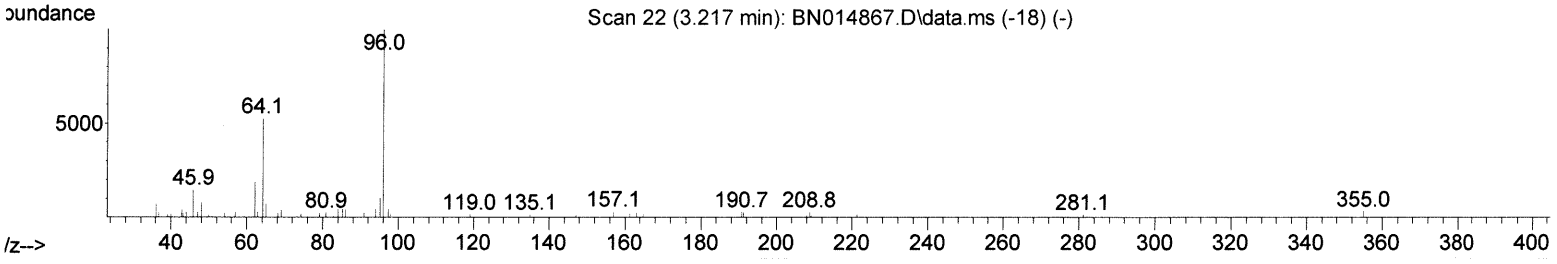
Quant Time: Jun 11 01:49:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BG5W4

**Manual Integrations APPROVED**
mohammad
6/11/2021 2:13:42 PM




TIC: BN014876.D\data.ms

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

3.211min (-0.000) 3.90 ng/uL m JG 6/16/21

response 12912

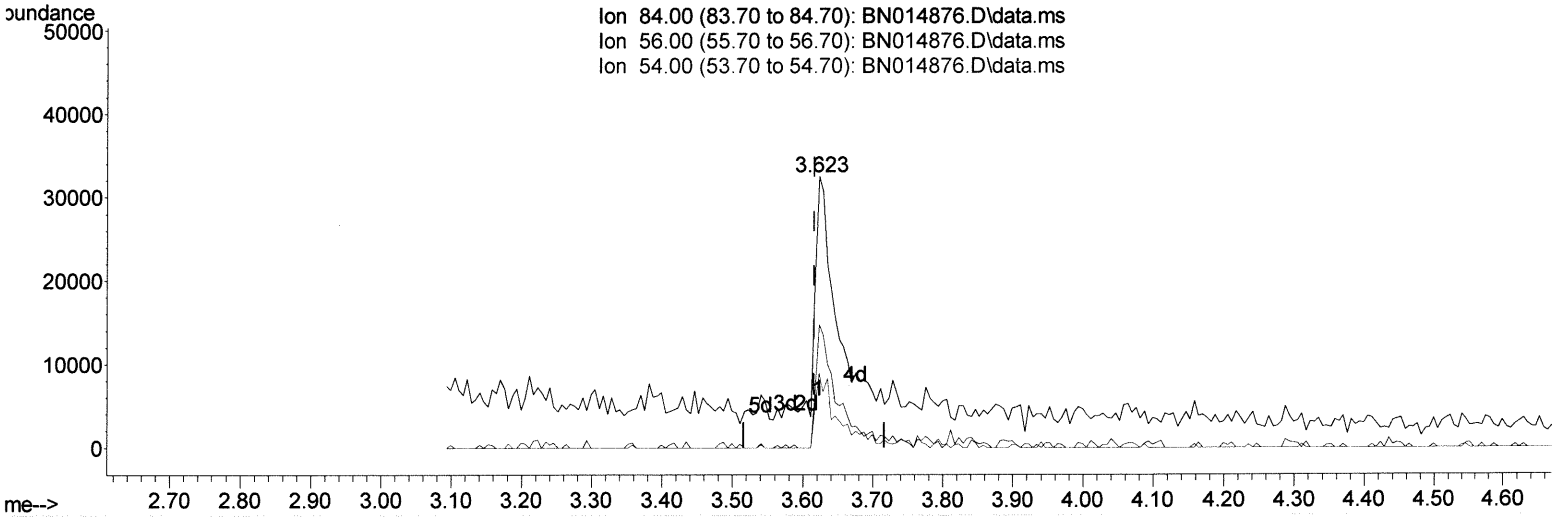
| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 64.30 | 45.01# |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

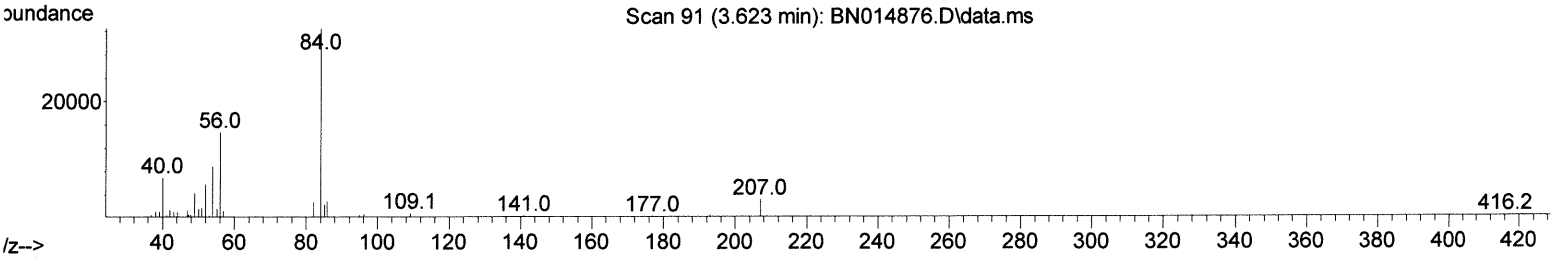
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
Sample : M2596-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

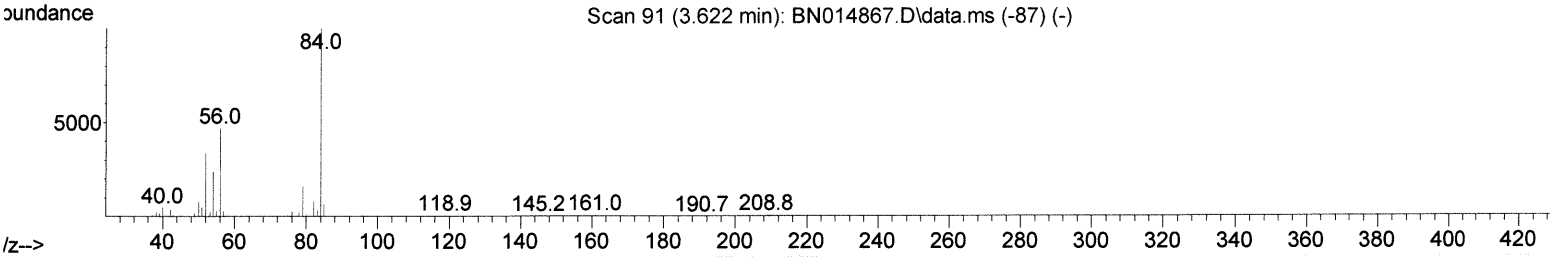
Quant Time: Jun 11 01:49:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BG5W4

**Manual Integrations APPROVED**
mohammad
6/11/2021 2:13:42 PM




TIC: BN014876.D\data.ms

(4) Pyridine-d5 (S)

3.623min (+ 0.006) 5.29 ng/ul

response 44139

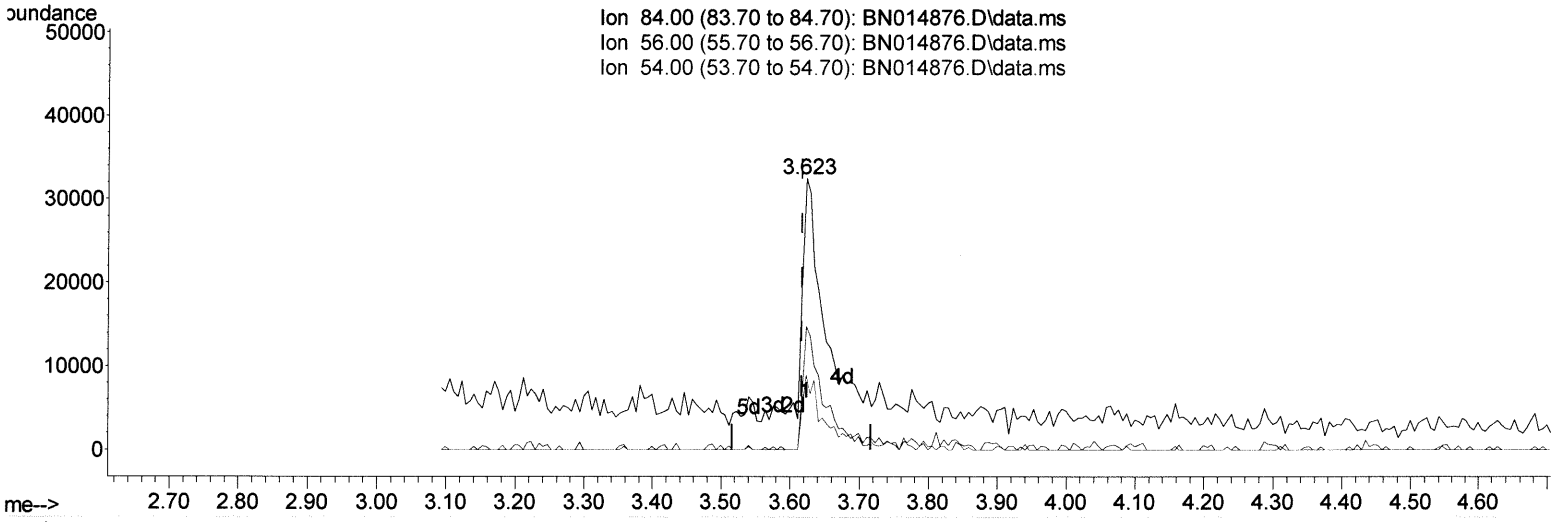
| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 44.70 | 45.31 |
| 54.00 | 24.70 | 27.43 |
| 0.00 | 0.00 | 0.00 |

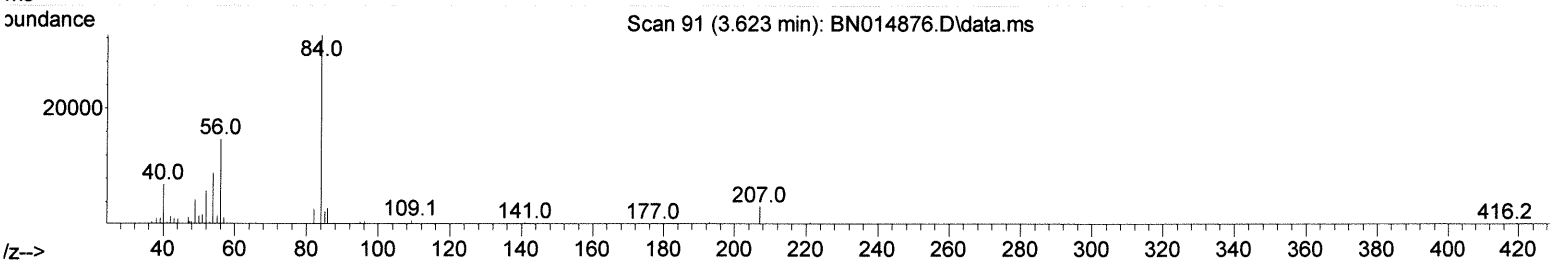
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
Sample : M2596-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

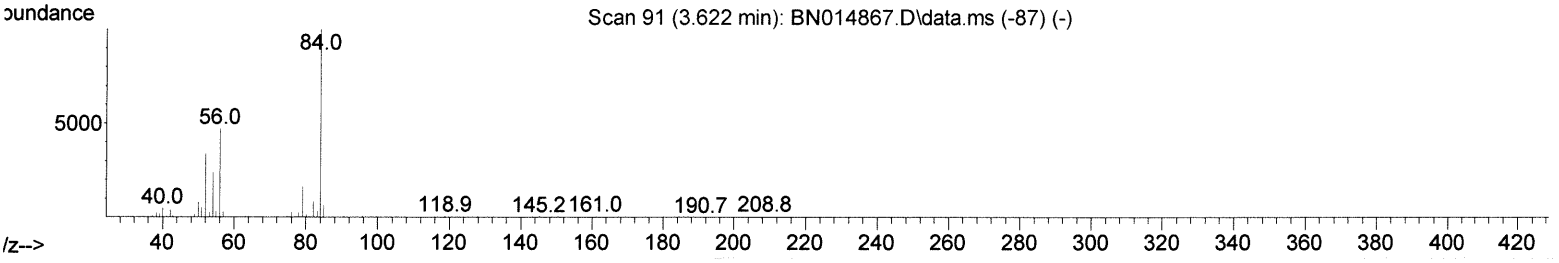
Quant Time: Jun 11 01:49:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BG5W4

**Manual Integrations APPROVED**
mohammad
6/11/2021 2:13:42 PM




TIC: BN014876.D\data.ms

(4) Pyridine-d5 (S)

3.623min (+ 0.006) 7.31 ng/ul m JG 6/14/21

response 60985

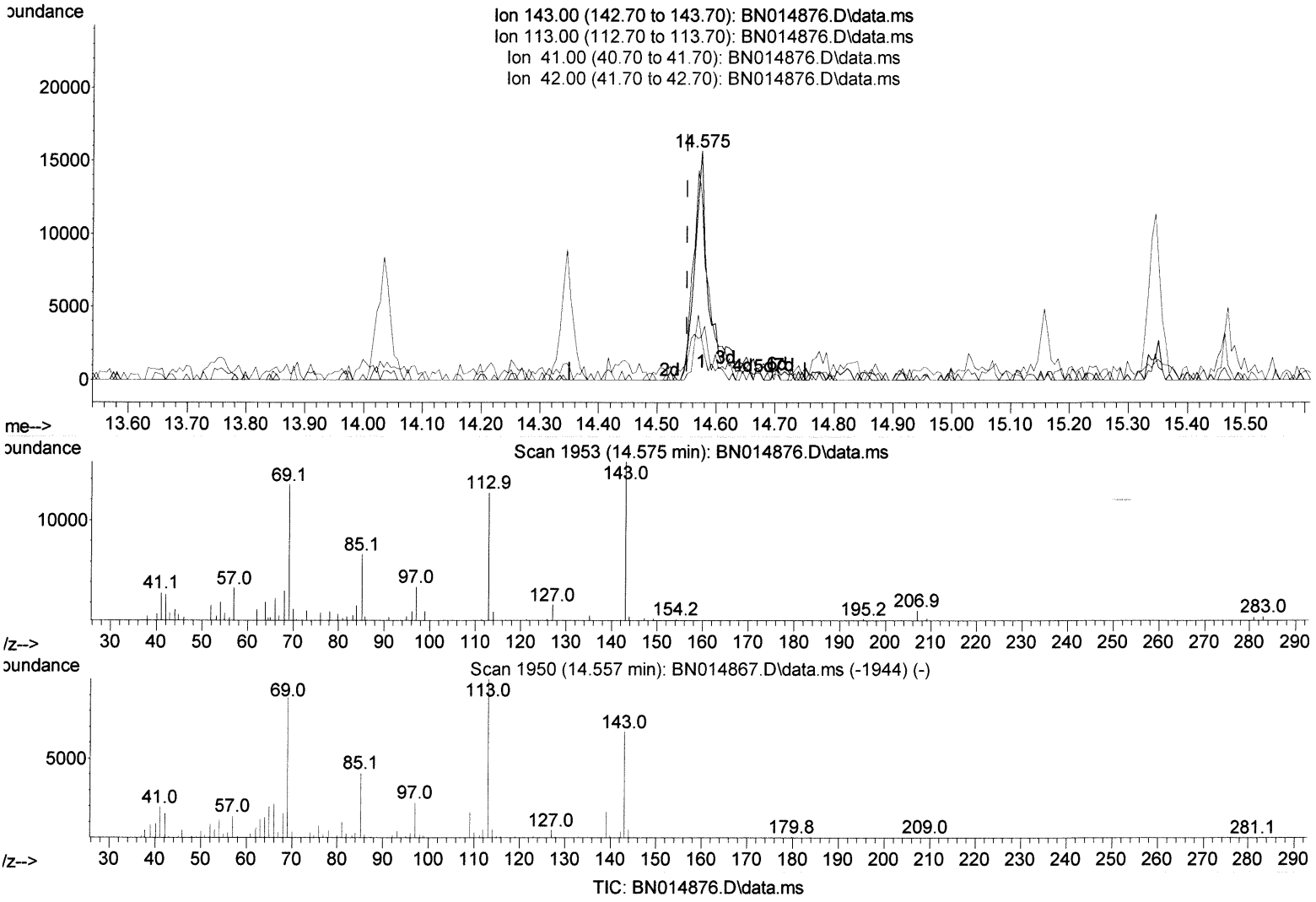
| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 44.70 | 45.31 |
| 54.00 | 24.70 | 27.43 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
Sample : M2596-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 11 01:49:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BG5W4

**Manual Integrations APPROVED**
mohammad
6/11/2021 2:13:42 PM




**(54) 4-Nitrophenol-d4 (S)**

**14.575min (+ 0.024) 4.31 ng/ul**

**response 21707**

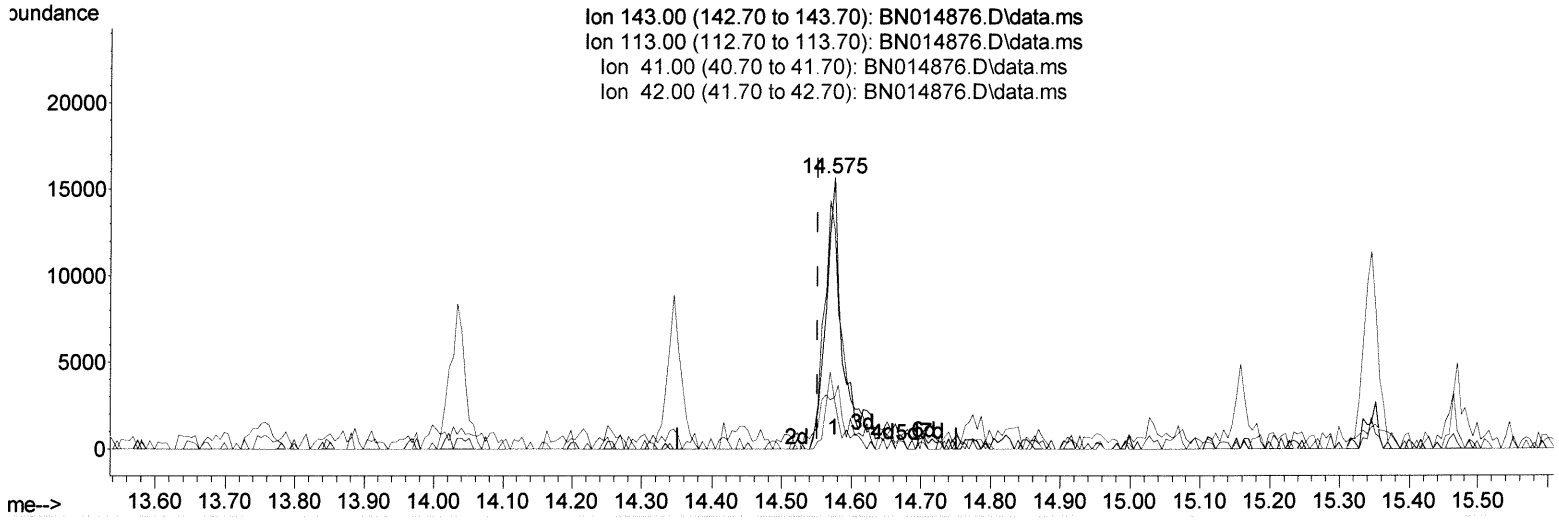
| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 115.60 | 80.86# |
| 41.00 | 25.00 | 18.93# |
| 42.00 | 19.00 | 17.99 |

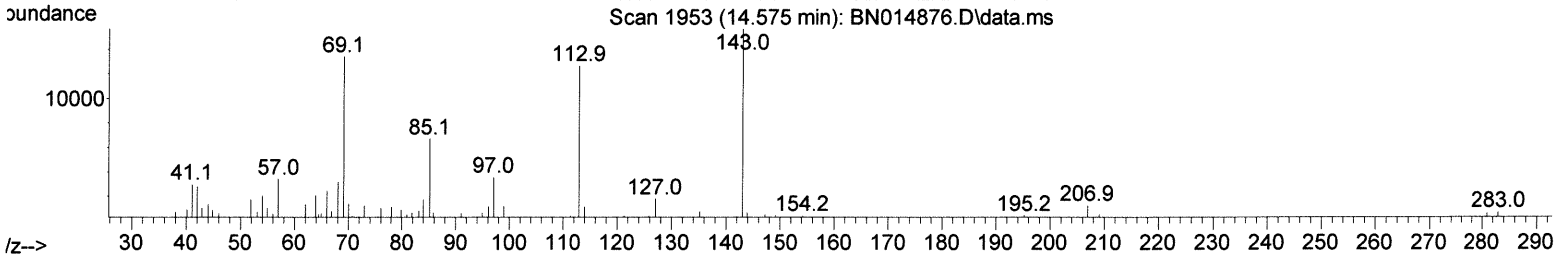
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
Sample : M2596-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

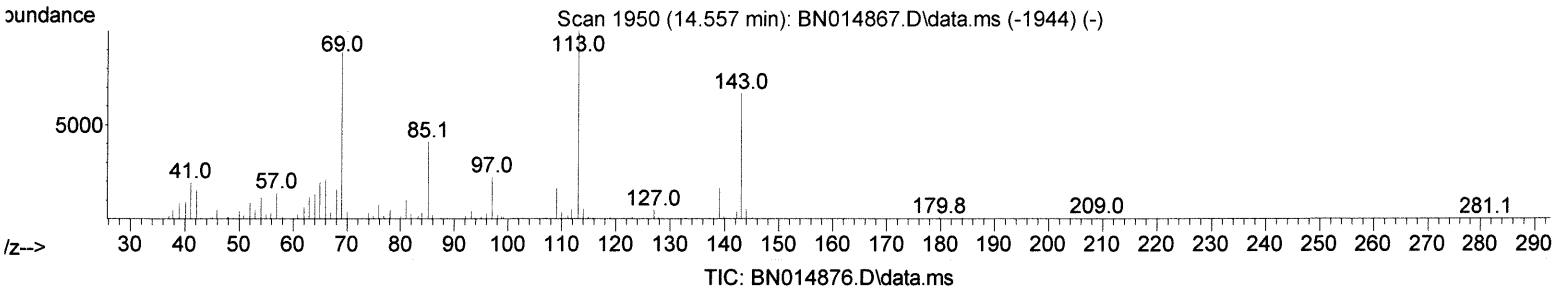
Quant Time: Jun 11 01:49:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BG5W4

**Manual Integrations APPROVED**
mohammad
6/11/2021 2:13:42 PM




TIC: BN014876.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.575min (+ 0.024) 4.77 ng/ul m JJ 6/14/21

response 24034

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 115.60 | 80.86# |
| 41.00 | 25.00 | 18.93# |
| 42.00 | 19.00 | 17.99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
Sample : M2596-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BG5W4

Manual Integrations APPROVED
mohammad
6/11/2021 2:13:42 PM

Quant Time: Jun 11 01:49:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.693 | 152 | 134971 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.475 | 136 | 546276 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.346 | 164 | 399209 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.098 | 188 | 890030 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.298 | 240 | 1079643 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.557 | 264 | 1254104 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.211 | 96 | 12912m | 3.896 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.623 | 84 | 60985m | 7.306 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.869 | 99 | 63960 | 4.840 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.028 | 67 | 148166 | 22.546 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.228 | 132 | 187573 | 22.917 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.405 | 113 | 129509 | 12.604 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.846 | 128 | 123180 | 29.934 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.563 | 143 | 136362 | 30.829 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.110 | 165 | 249751 | 24.765 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.616 | 131 | 294202 | 24.745 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.757 | 166 | 972273 | 30.655 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.040 | 160 | 1118897 | 30.508 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.575 | 143 | 24034m | 4.770 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.345 | 176 | 833751 | 30.509 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.463 | 200 | 120175 | 24.686 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.198 | 188 | 1414312 | 34.017 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.504 | 212 | 1860130 | 36.540 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.416 | 264 | 2284674 | 34.201 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 59) Diethylphthalate | 15.175 | 149 | 33766 | 1.120 | ng/ul# | 97 |

JU 6/16/21

JU 6/16/21

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