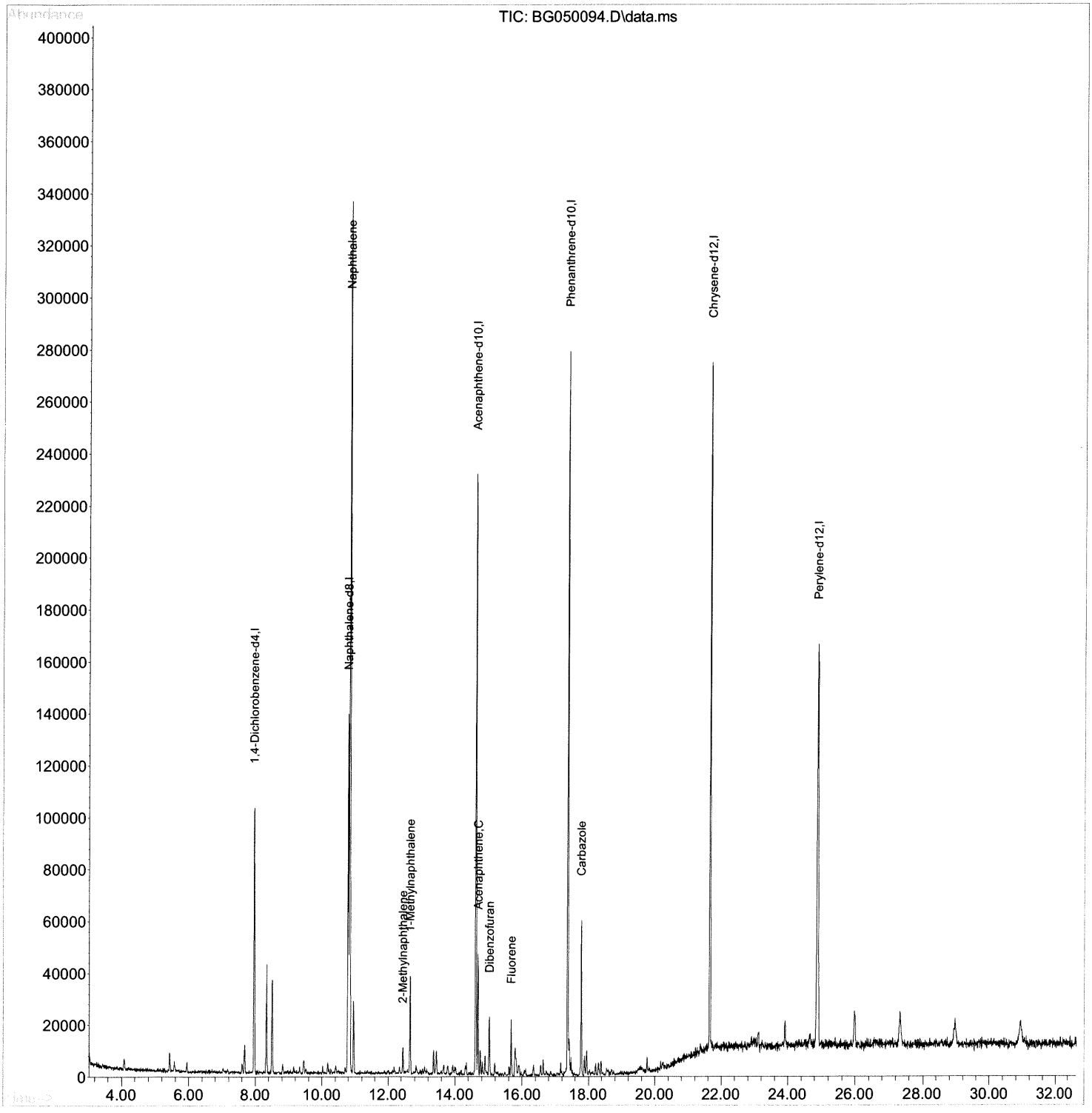
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050094.D
Acq On : 1 Sep 2021 12:21
Operator : CG/JU
Sample : M3464-06DL2 100X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Quant Time: Sep 01 13:58:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DBKF9DL2

**Manual Integrations APPROVED**
mohammad
9/1/2021 4:51:10 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050094.D
Acq On : 1 Sep 2021 12:21
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mohammad
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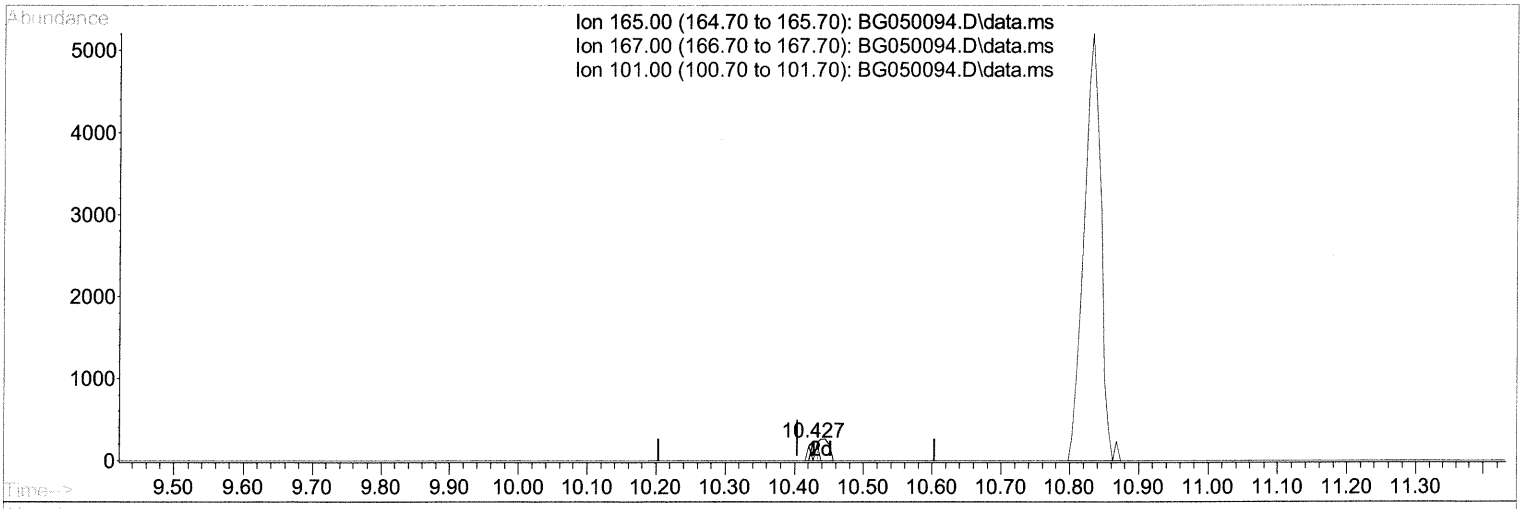
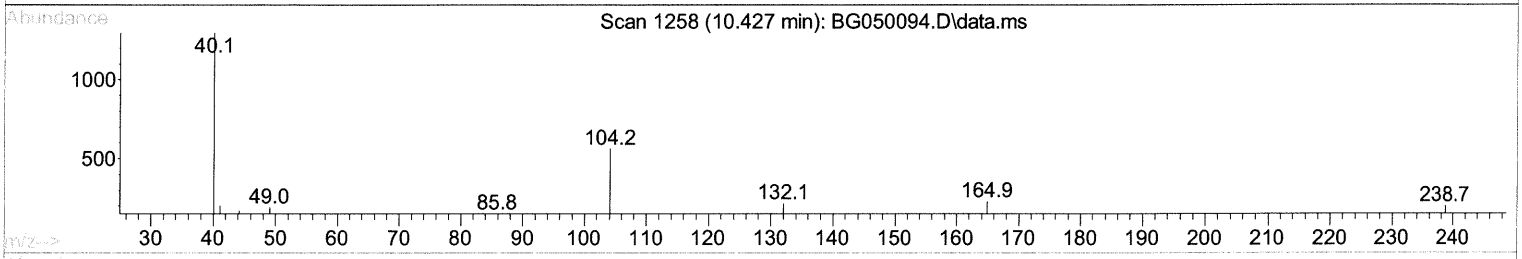
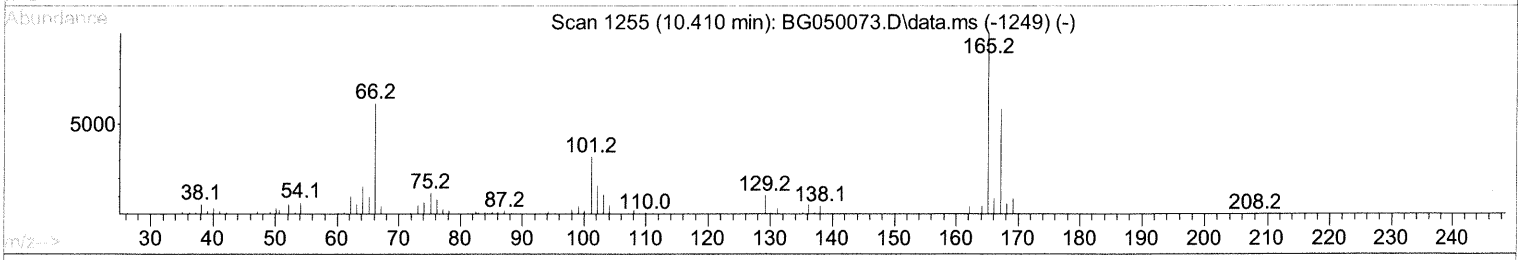



TIC: BG050094.D\data.ms

**(28) 2,4-Dichlorophenol-d3 (S)**

**10.427min (+ 0.023) 0.08 ng/ul**

**response 157**

| Ion | Exp% | Act% |
|---|---|---|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 53.60 | 0.00# |
| 101.00 | 32.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

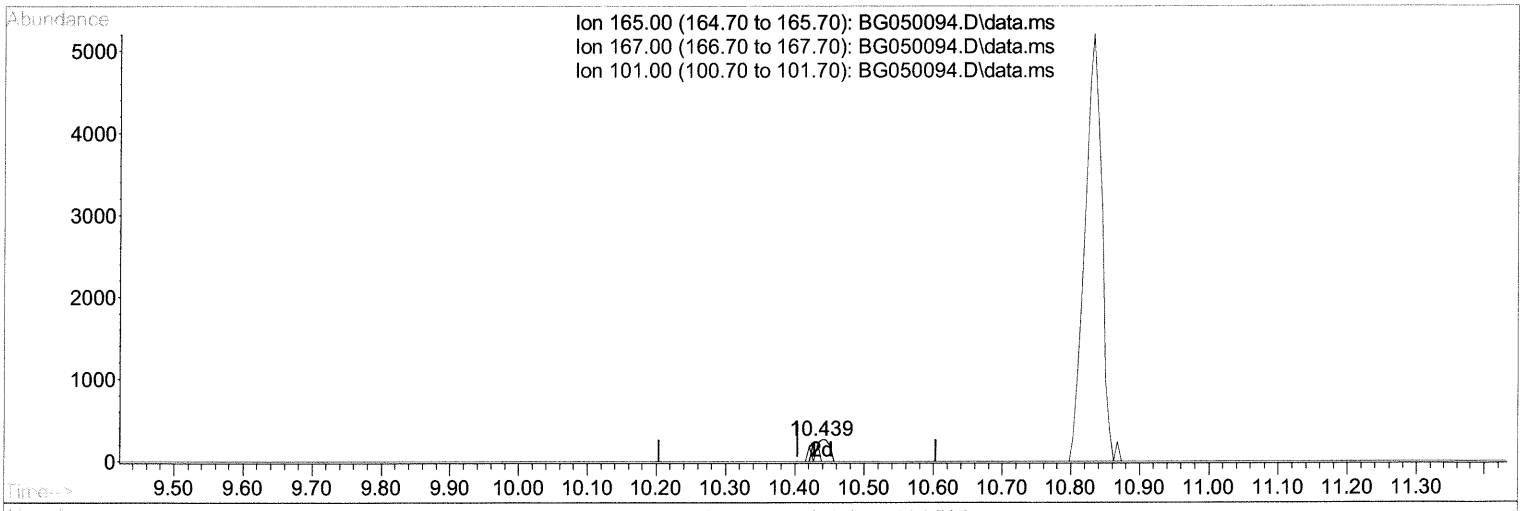
Quantitation Report (Qedit)

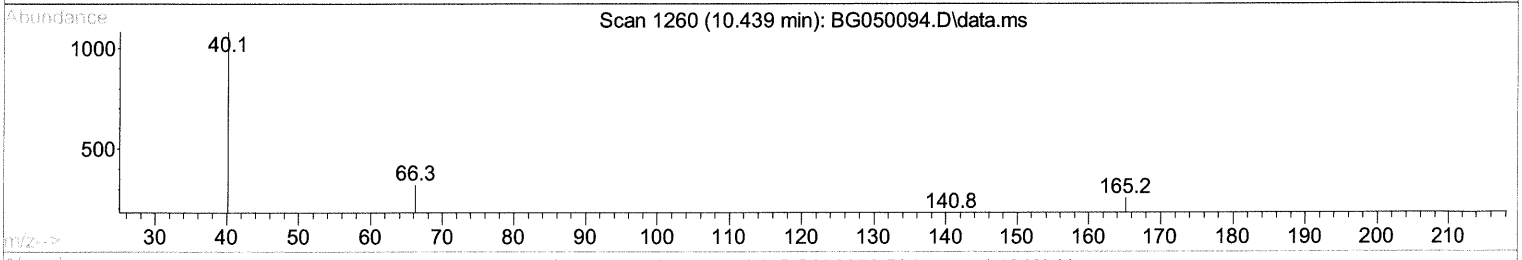
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050094.D
Acq On : 1 Sep 2021 12:21
Operator : CG/JU
Sample : M3464-06DL2 100X
Misc :
ALS Vial : 68 Sample Multiplier: 1

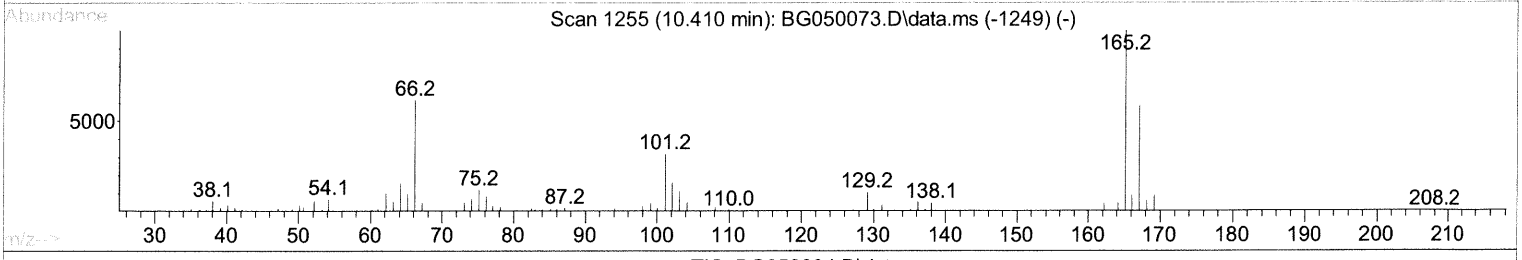
Quant Time: Sep 01 13:58:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DBKF9DL2

**Manual Integrations APPROVED**
mohammad
9/1/2021 4:51:10 PM




TIC: BG050094.D\data.ms

**(28) 2,4-Dichlorophenol-d3 (S)**

**10.439min (+ 0.035) 0.20 ng/ul m** 09/03/21 JU

**response 402**

| Ion | Exp% | Act% |
|---|---|---|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 53.60 | 0.00# |
| 101.00 | 32.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

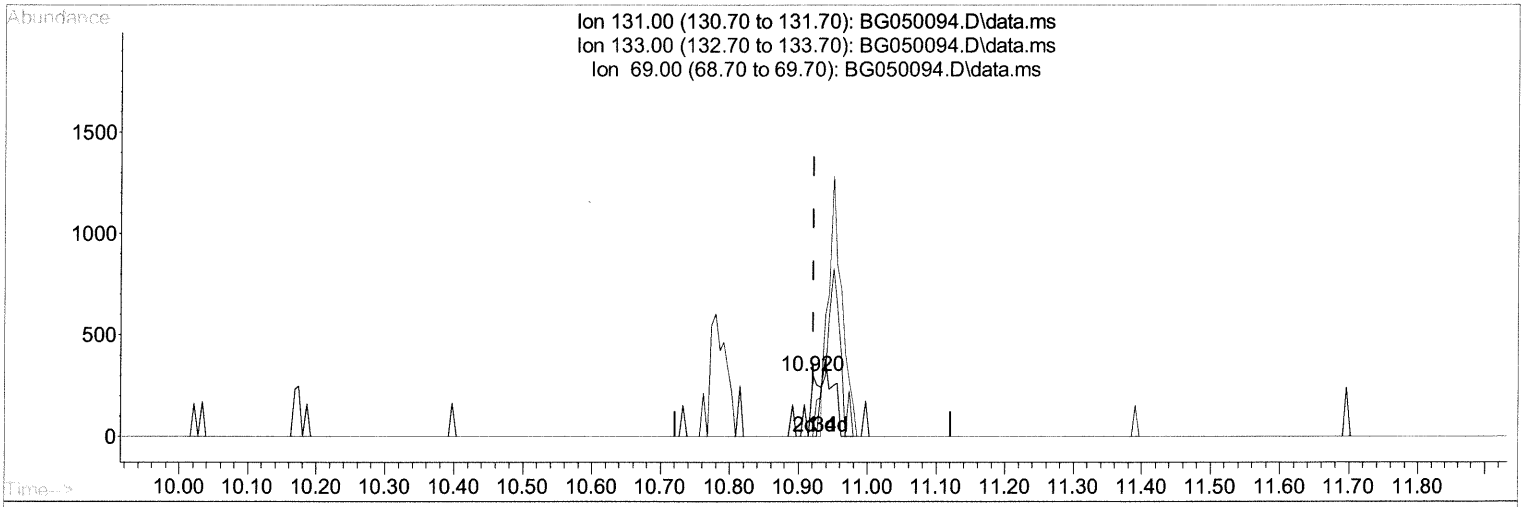
Quantitation Report (Qedit)

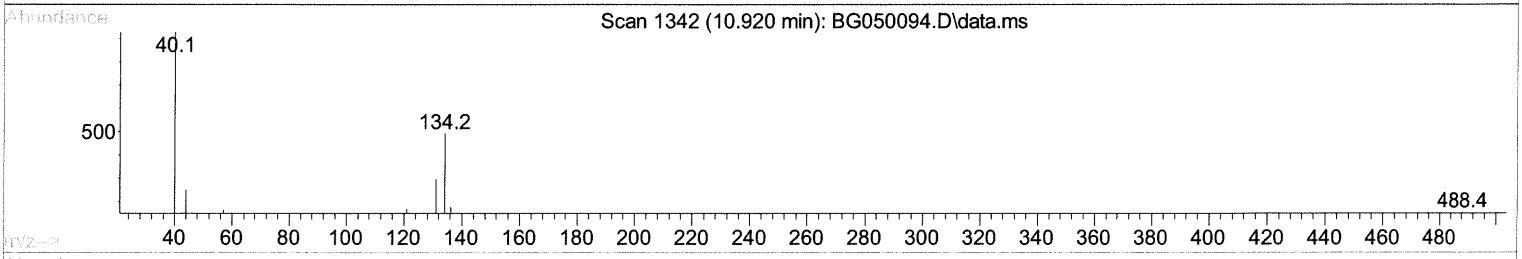
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050094.D
Acq On : 1 Sep 2021 12:21
Operator : CG/JU
Sample : M3464-06DL2 100X
Misc :
ALS Vial : 68 Sample Multiplier: 1

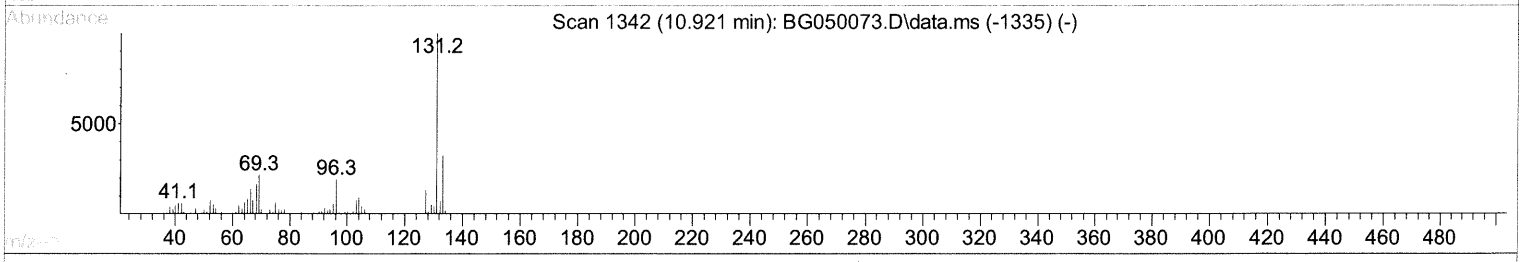
Quant Time: Sep 01 13:58:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DBKF9DL2

**Manual Integrations APPROVED**
mohammad
9/1/2021 4:51:10 PM




TIC: BG050094.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**10.920min (-0.001) 0.10 ng/ul**

**response 279**

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 36.60 | 0.00# |
| 69.00 | 21.10 | 0.00# |
| 0.00 | 0.00 | 0.00 |

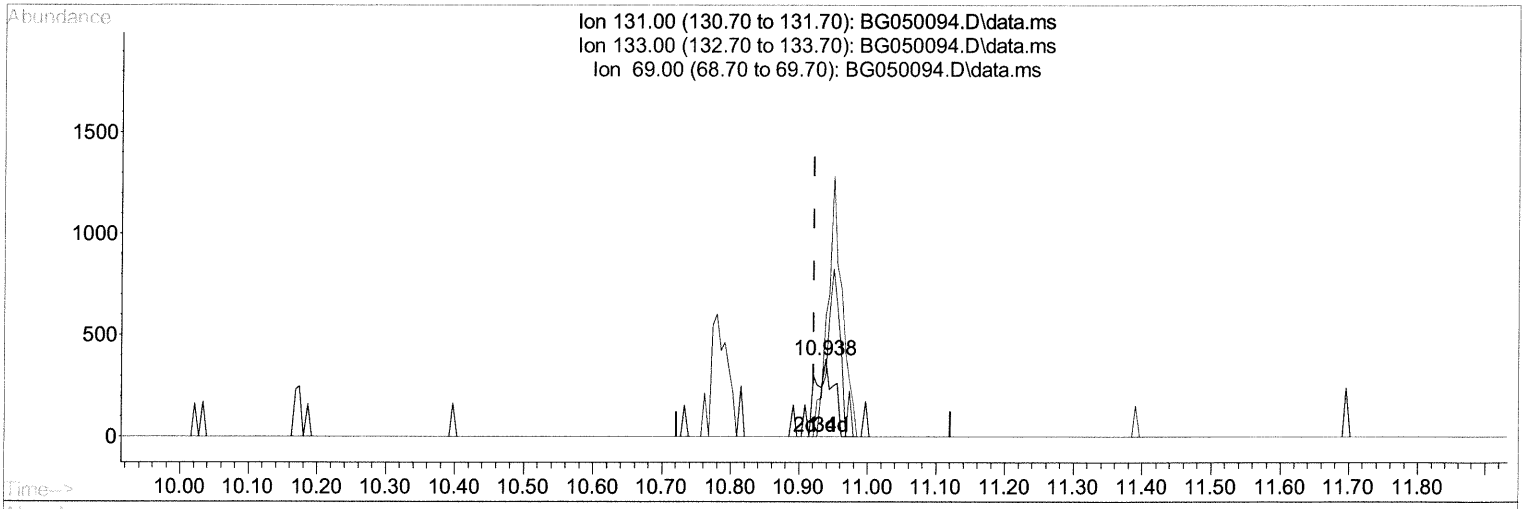
Quantitation Report (Qedit)

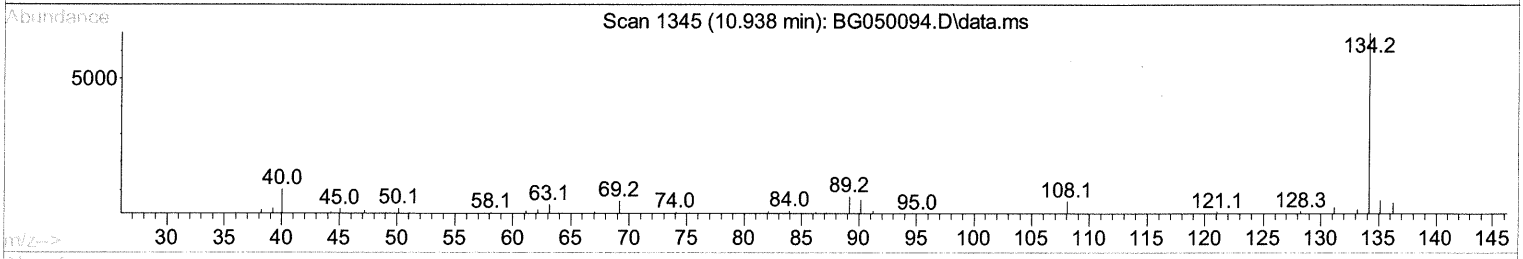
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050094.D
Acq On : 1 Sep 2021 12:21
Operator : CG/JU
Sample : M3464-06DL2 100X
Misc :
ALS Vial : 68 Sample Multiplier: 1

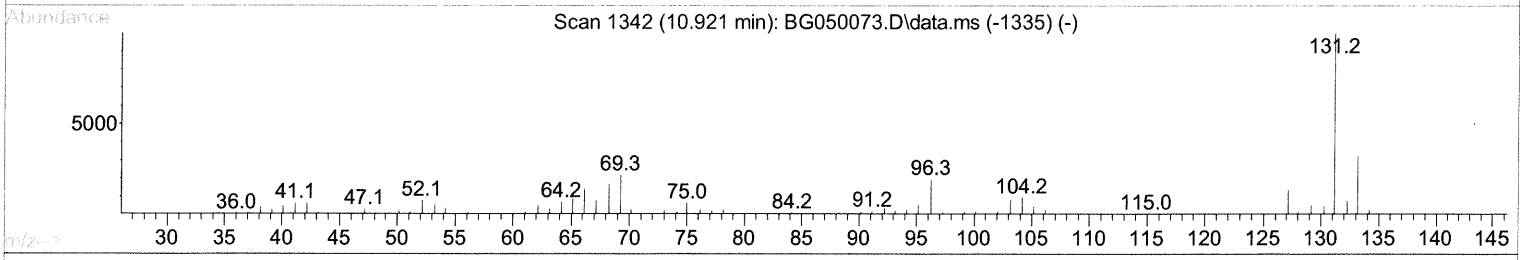
Quant Time: Sep 01 13:58:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DBKF9DL2

**Manual Integrations APPROVED**
mohammad
9/1/2021 4:51:10 PM




TIC: BG050094.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**10.938min (+ 0.017) 0.25 ng/ul m** 09/03/21 JU

**response 676**

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 36.60 | 79.16# |
| 69.00 | 21.10 | 158.05# |
| 0.00 | 0.00 | 0.00 |

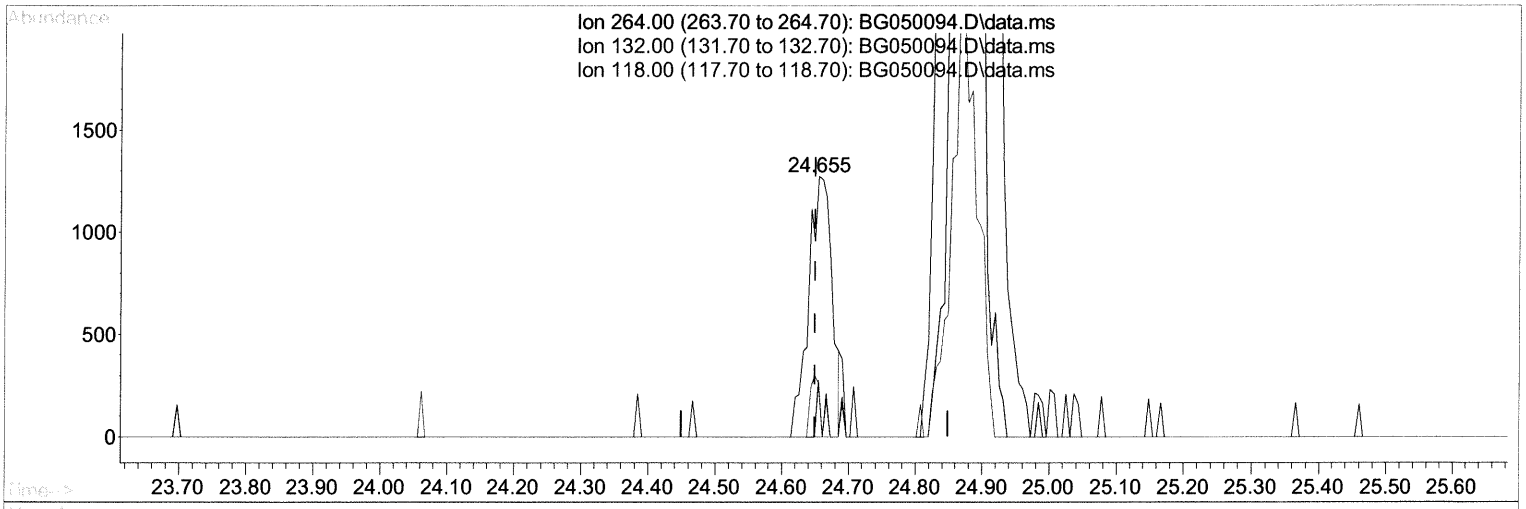
Quantitation Report (Qedit)

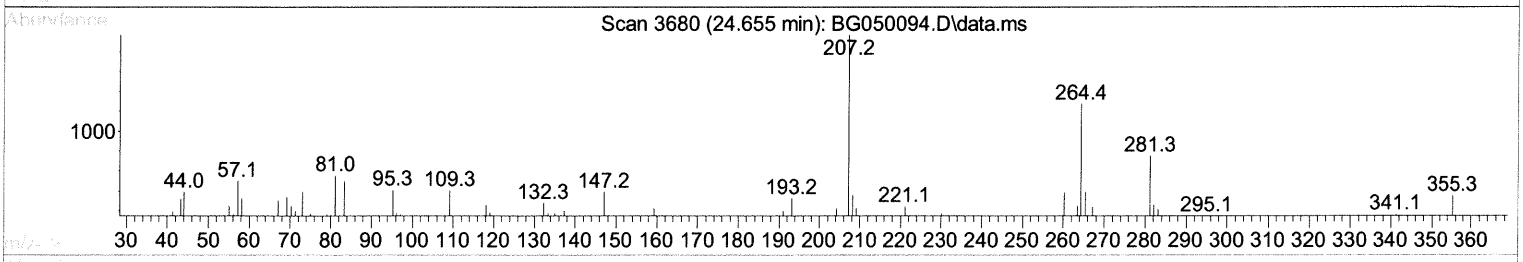
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050094.D
Acq On : 1 Sep 2021 12:21
Operator : CG/JU
Sample : M3464-06DL2 100X
Misc :
ALS Vial : 68 Sample Multiplier: 1

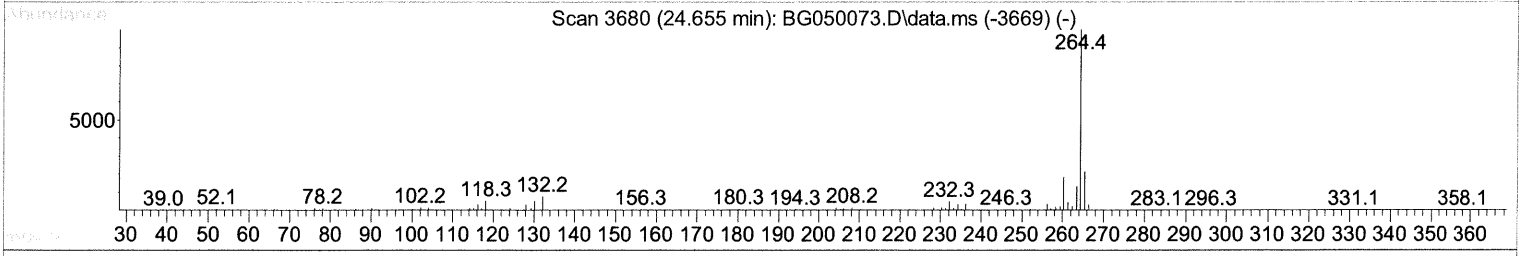
Quant Time: Sep 01 19:22:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DBKF9DL2

**Manual Integrations APPROVED**
mohammad
9/1/2021 4:51:10 PM




TIC: BG050094.D\data.ms

**(92) Benzo(a)pyrene-d12 (S)**

**24.655min (+ 0.005) 0.35 ng/ul**

**response 3090**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 7.60 | 21.84# |
| 118.00 | 5.30 | 20.66# |
| 0.00 | 0.00 | 0.00 |

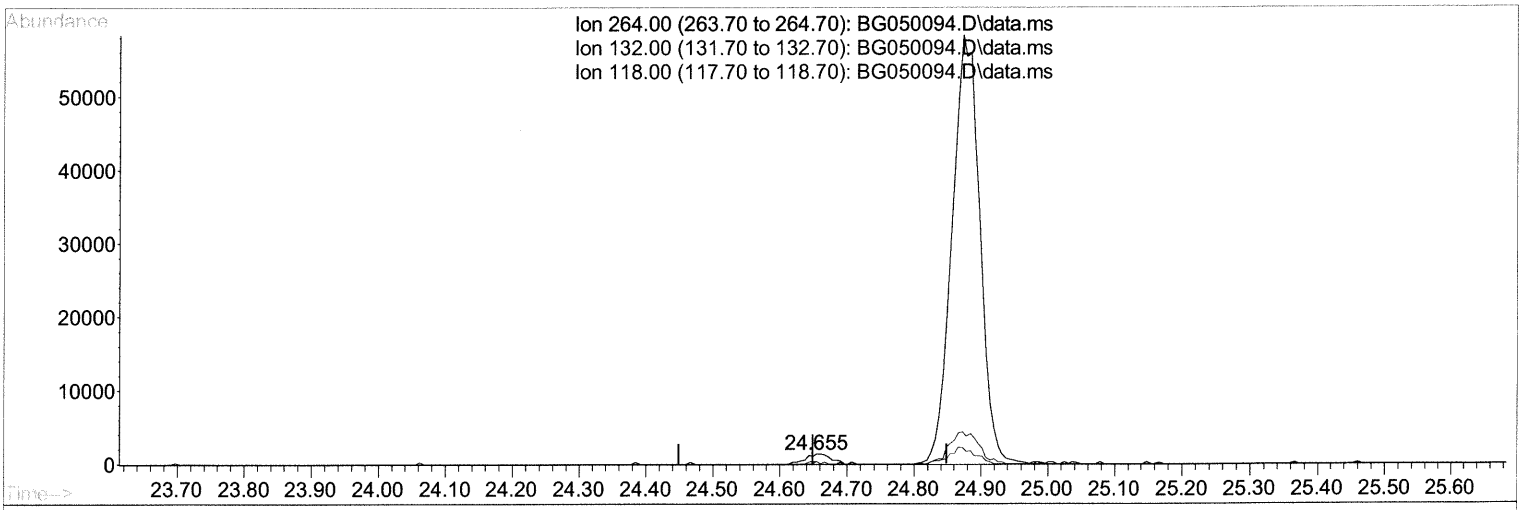
Quantitation Report (Qedit)

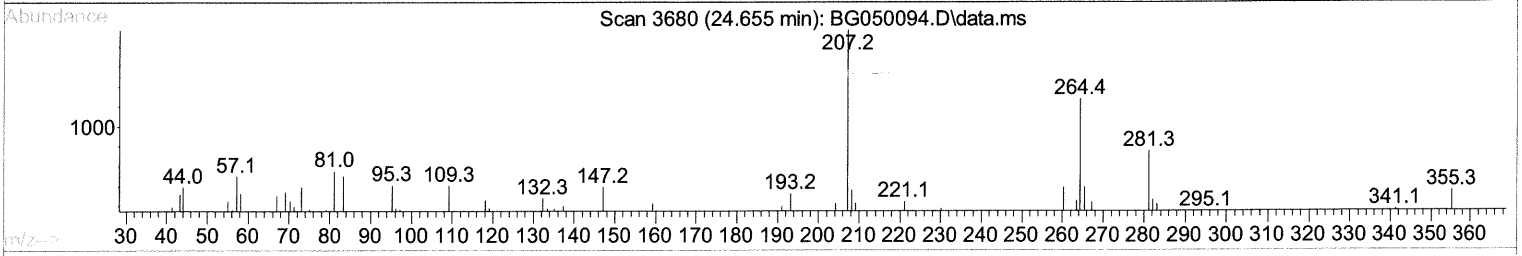
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050094.D
Acq On : 1 Sep 2021 12:21
Operator : CG/JU
Sample : M3464-06DL2 100X
Misc :
ALS Vial : 68 Sample Multiplier: 1

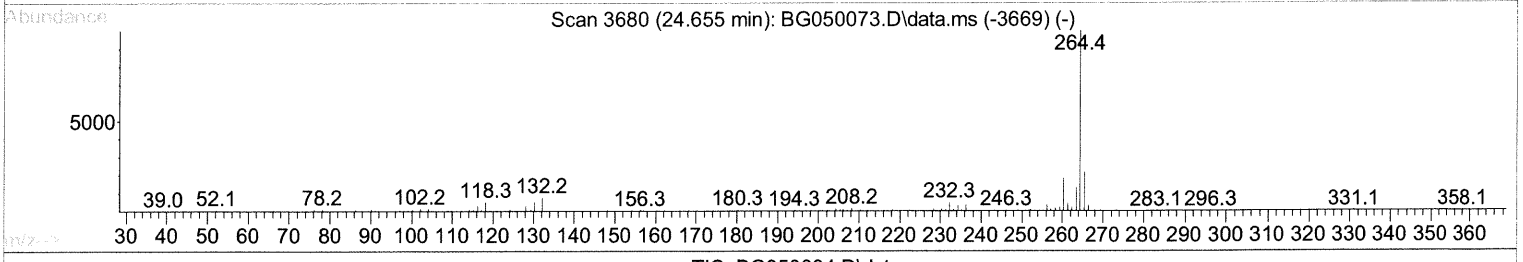
Quant Time: Sep 01 13:58:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DBKF9DL2

**Manual Integrations APPROVED**
mohammad
9/1/2021 4:51:10 PM




TIC: BG050094.D\data.ms

**(92) Benzo(a)pyrene-d12 (S)**

**24.655min (+ 0.005) 0.36 ng/ul m** 09/03/2021

**response 3225**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 7.60 | 21.84# |
| 118.00 | 5.30 | 20.66# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

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Data File : BG050094.D
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QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** DBKF9DL2

**Manual Integrations APPROVED**
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9/1/2021 4:51:10 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.960 | 152 | 29254 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.779 | 136 | 122902 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.621 | 164 | 82078 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.376 | 188 | 171726 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.653 | 240 | 168423 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.872 | 264 | 166882 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0 | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 0.000 | 99 | 0d | 0.000 | ng/ul | |
| 9) Bis-(2-Chloroethyl)eth... | 7.296 | 67 | 215 | 0.156 | ng/ul | 0.02 |
| 11) 2-Chlorophenol-d4 | 7.502 | 132 | 238 | 0.128 | ng/ul | 0.01 |
| 15) 4-Methylphenol-d8 | 0.000 | 113 | 0d | 0.000 | ng/ul | |
| 21) Nitrobenzene-d5 | 9.158 | 128 | 213 | 0.224 | ng/ul | 0.03 |
| 24) 2-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 28) 2,4-Dichlorophenol-d3 | 10.439 | 165 | 402m | 0.199 | ng/ul | 0.03 09/03/21 JU |
| 31) 4-Chloroaniline-d4 | 10.938 | 131 | 676m | 0.245 | ng/ul | 0.02 |
| 46) Dimethylphthalate-d6 | 14.016 | 166 | 2042 | 0.325 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.316 | 160 | 2574 | 0.349 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0 | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.620 | 176 | 1678 | 0.315 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.796 | 200 | 803 | 0.727 | ng/ul | 0.04 |
| 73) Anthracene-d10 | 0.000 | 188 | 0d | 0.000 | ng/ul | |
| 81) Pyrene-d10 | 19.767 | 212 | 3879 | 0.426 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.655 | 264 | 3225m | 0.364 | ng/ul | 0.00 09/03/21 JU |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.832 | 128 | 278759 | 45.378 | ng/ul | 97 |
| 36) 2-Methylnaphthalene | 12.442 | 142 | 5141 | 1.126 | ng/ul | 91 |
| 37) 1-Methylnaphthalene | 12.665 | 142 | 17275 | 3.748 | ng/ul# | 99 |
| 52) Acenaphthene | 14.686 | 153 | 19928 | 4.081 | ng/ul | 91 |
| 56) Dibenzofuran | 15.027 | 168 | 14480 | 2.141 | ng/ul | 98 |
| 61) Fluorene | 15.679 | 166 | 10057 | 1.763 | ng/ul# | 73 |
| 77) Carbazole | 17.782 | 167 | 39235 | 5.082 | ng/ul | 97 |

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