Quantitation Report (Qedit)

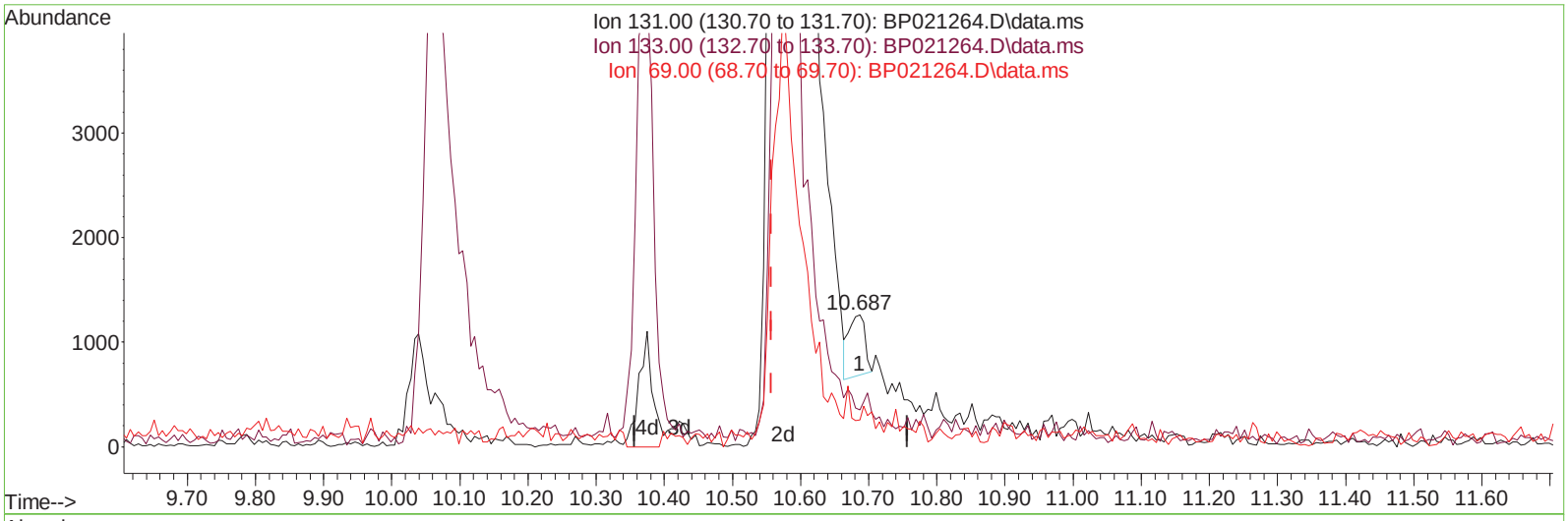
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

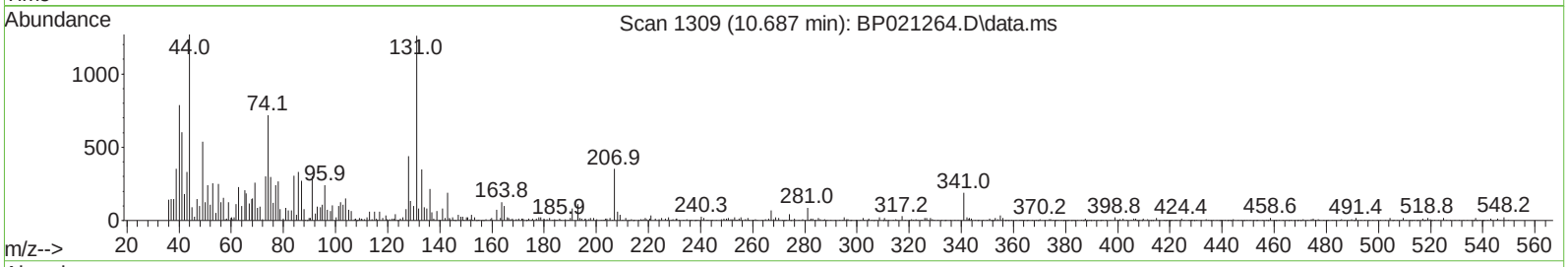
Quant Time: Jul 31 17:31:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

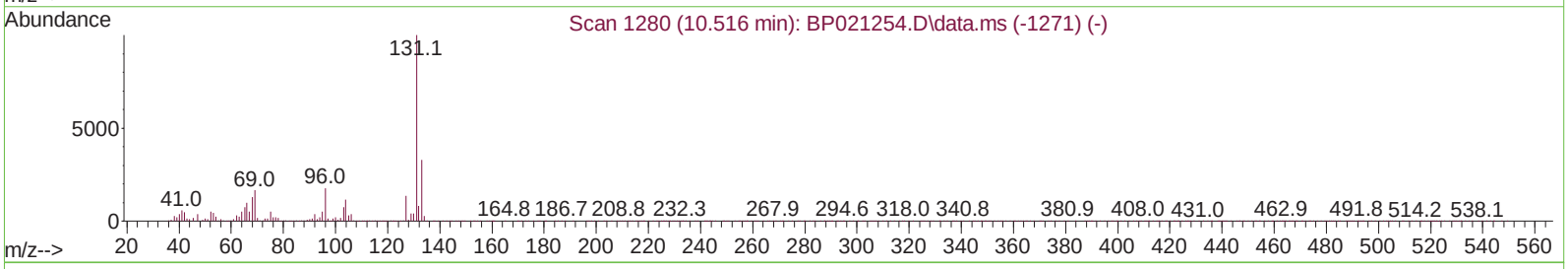
**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024




TIC: BP021264.D\data.ms

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

**10.687min (+ 0.130) 0.05 ng/ul**

**response 971**

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.50 | 27.73 |
| 69.00 | 17.40 | 20.36 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

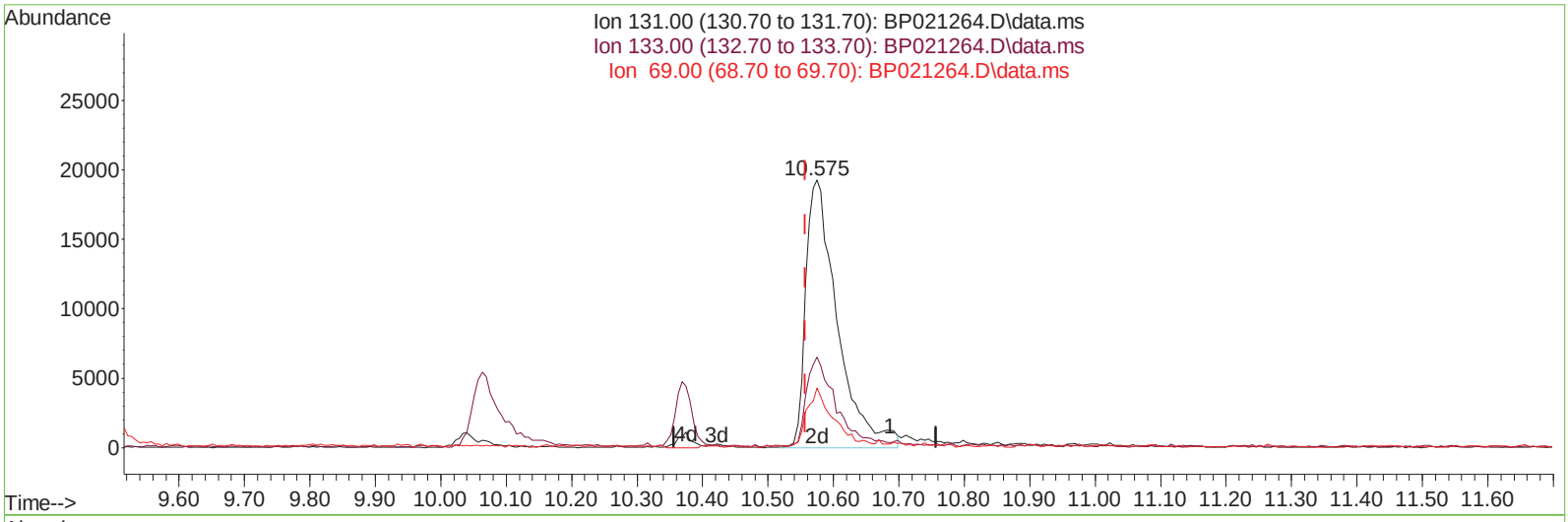
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

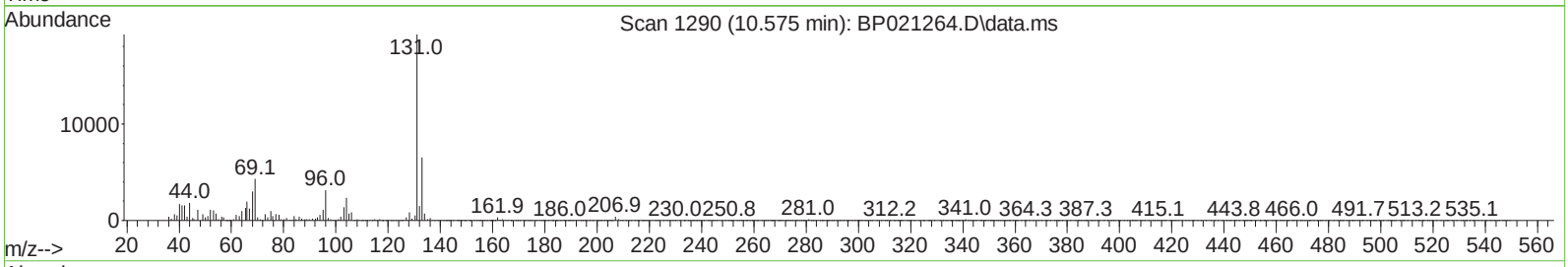
Quant Time: Jul 31 17:31:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

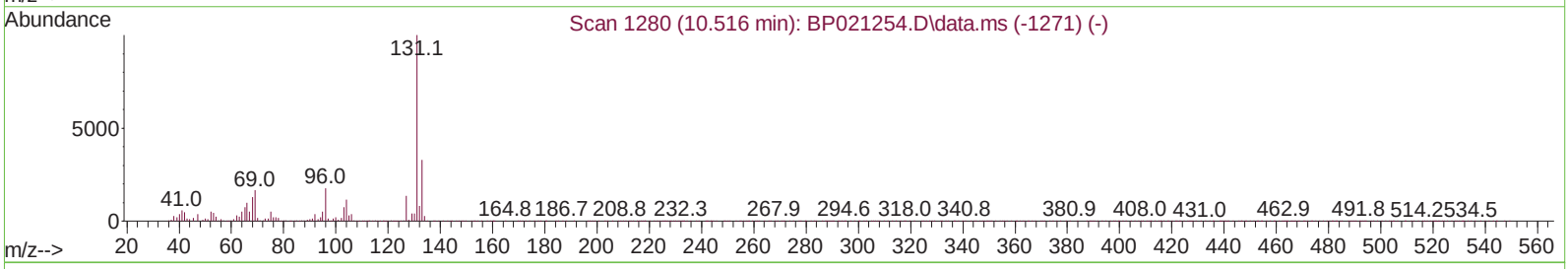
**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024




TIC: BP021264.D\data.ms

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

**10.575min (+ 0.018) 3.08 ng/ul m**

**response 64616**

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.50 | 33.96 |
| 69.00 | 17.40 | 22.35# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

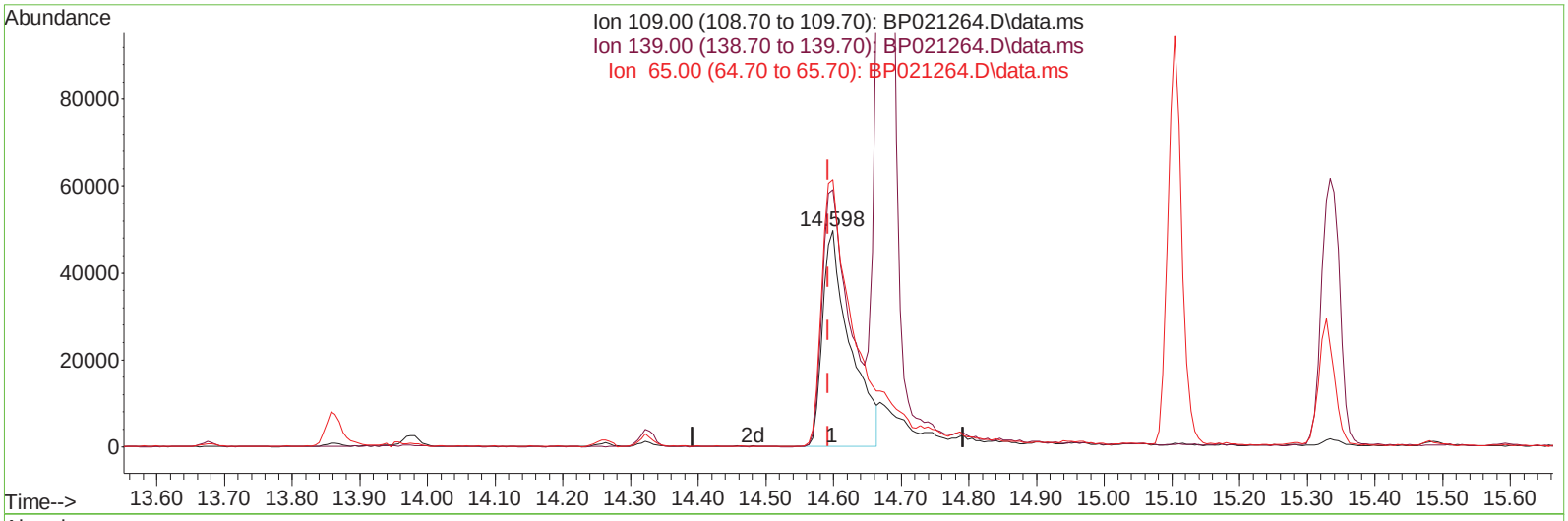
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

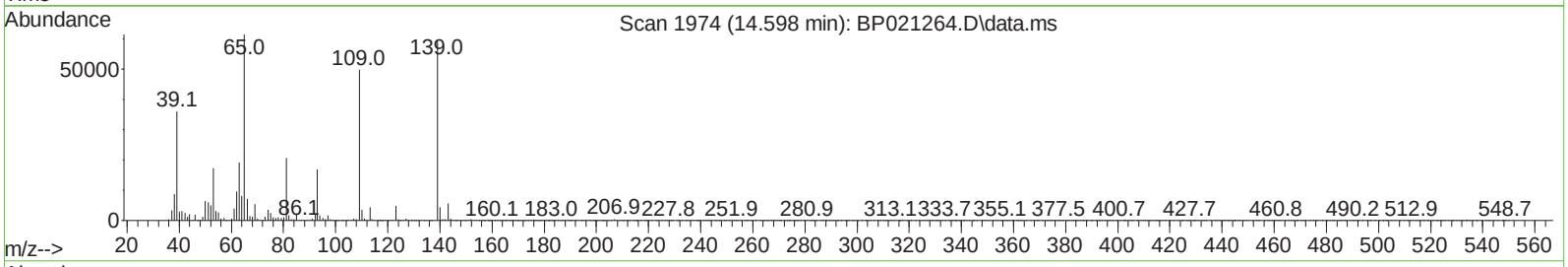
Quant Time: Jul 31 17:31:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

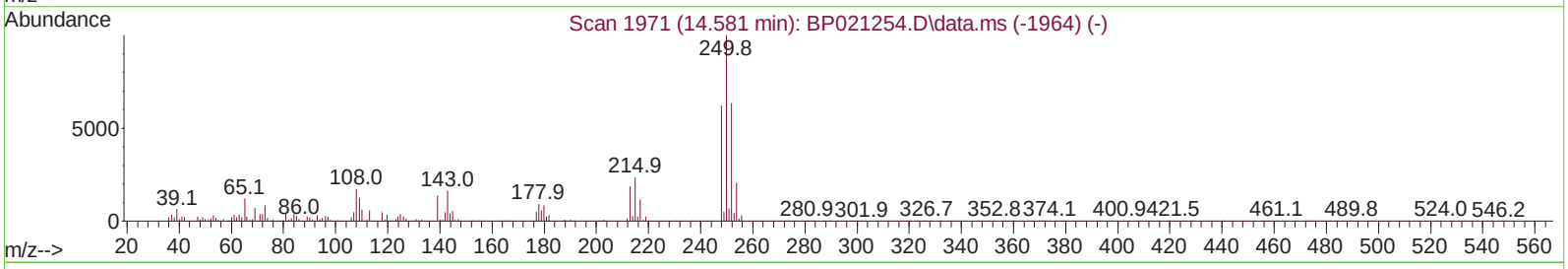
**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024




TIC: BP021264.D\data.ms

**(55) 4-Nitrophenol**

**14.598min (+ 0.006) 26.10 ng/ul**

**response 140545**

| Ion | Exp% | Act% |
|---|---|---|
| 109.00 | 100.00 | 100.00 |
| 139.00 | 122.50 | 119.00 |
| 65.00 | 132.50 | 123.48 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

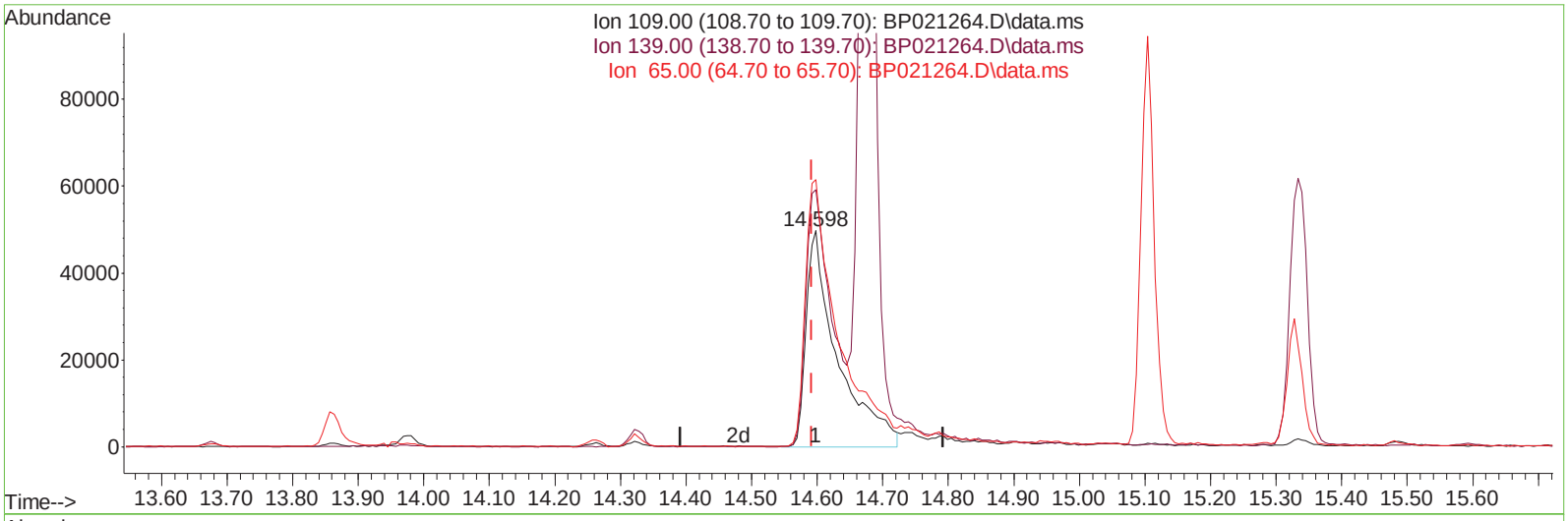
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

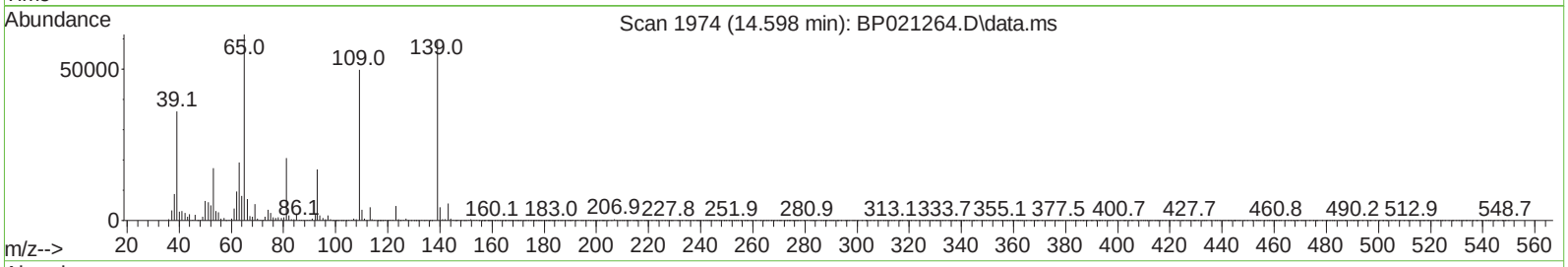
Quant Time: Jul 31 17:31:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

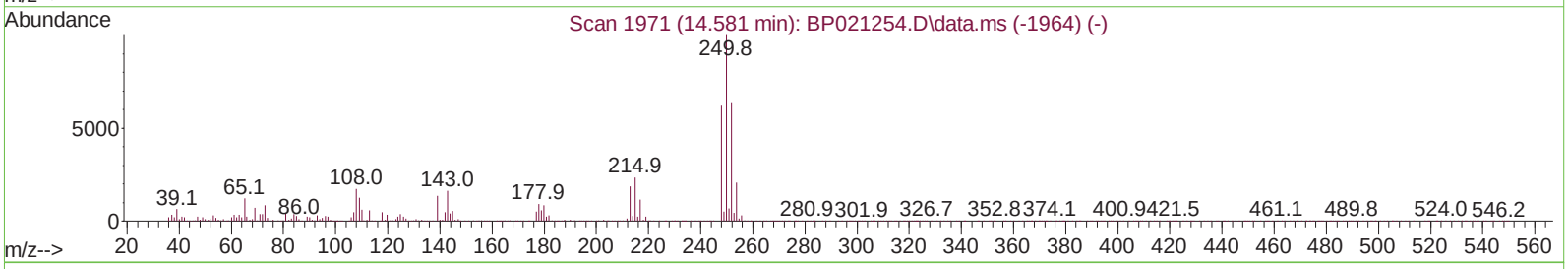
**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024




TIC: BP021264.D\data.ms

**(55) 4-Nitrophenol**

**14.598min (+ 0.006) 30.58 ng/ul m**

**response 164671**

| Ion | Exp% | Act% |
|---|---|---|
| 109.00 | 100.00 | 100.00 |
| 139.00 | 122.50 | 119.00 |
| 65.00 | 132.50 | 123.48 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

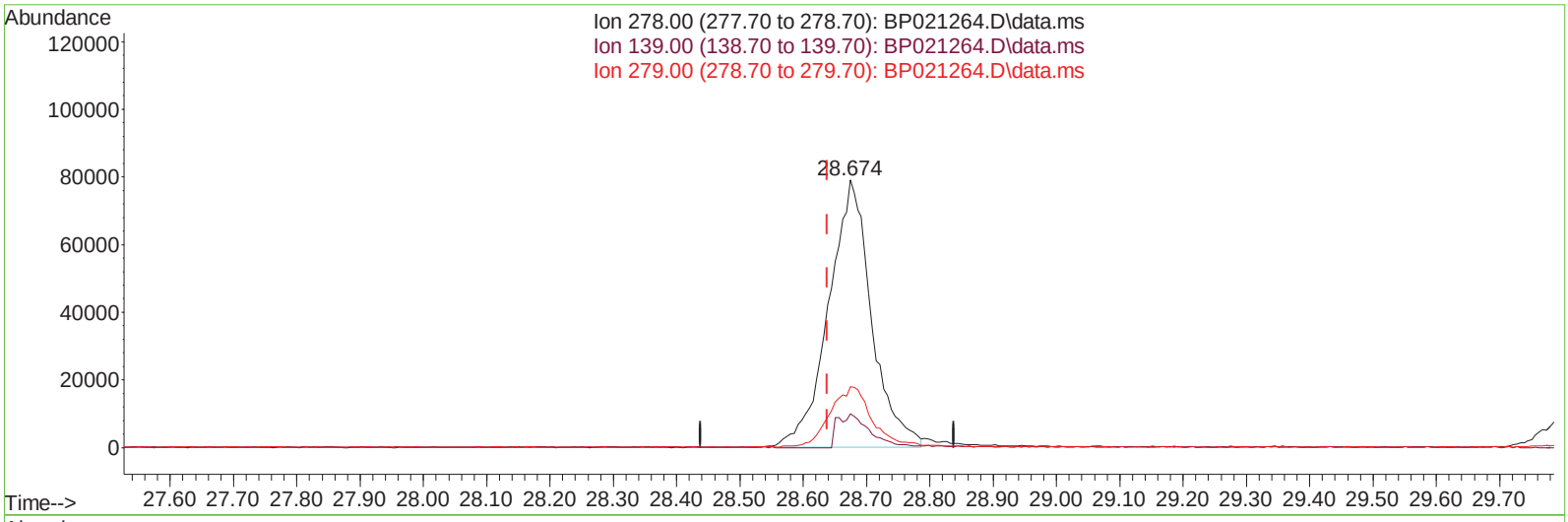
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

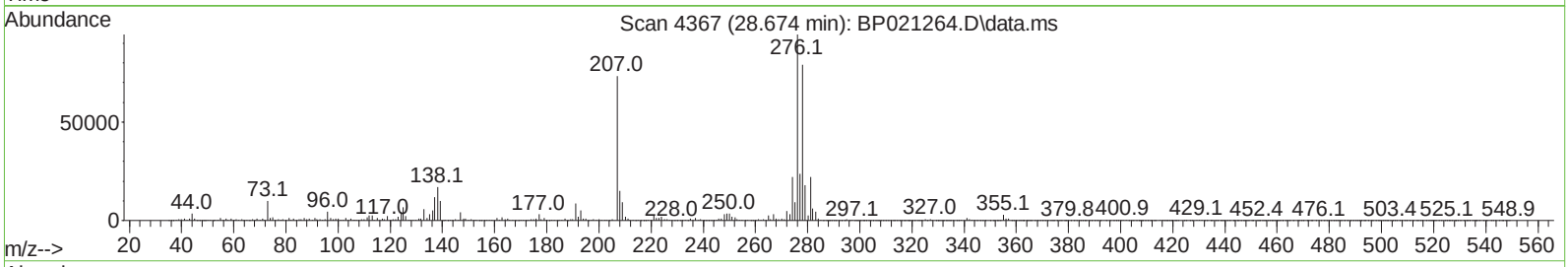
Quant Time: Jul 31 17:31:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

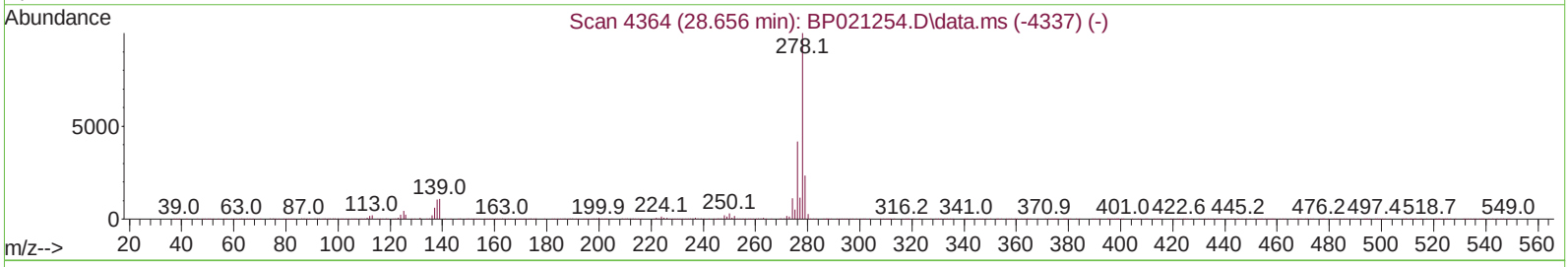
**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024




TIC: BP021264.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.674min (+ 0.036) 5.79 ng/ul**

**response 372476**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.60 | 12.74 |
| 279.00 | 24.20 | 22.81 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

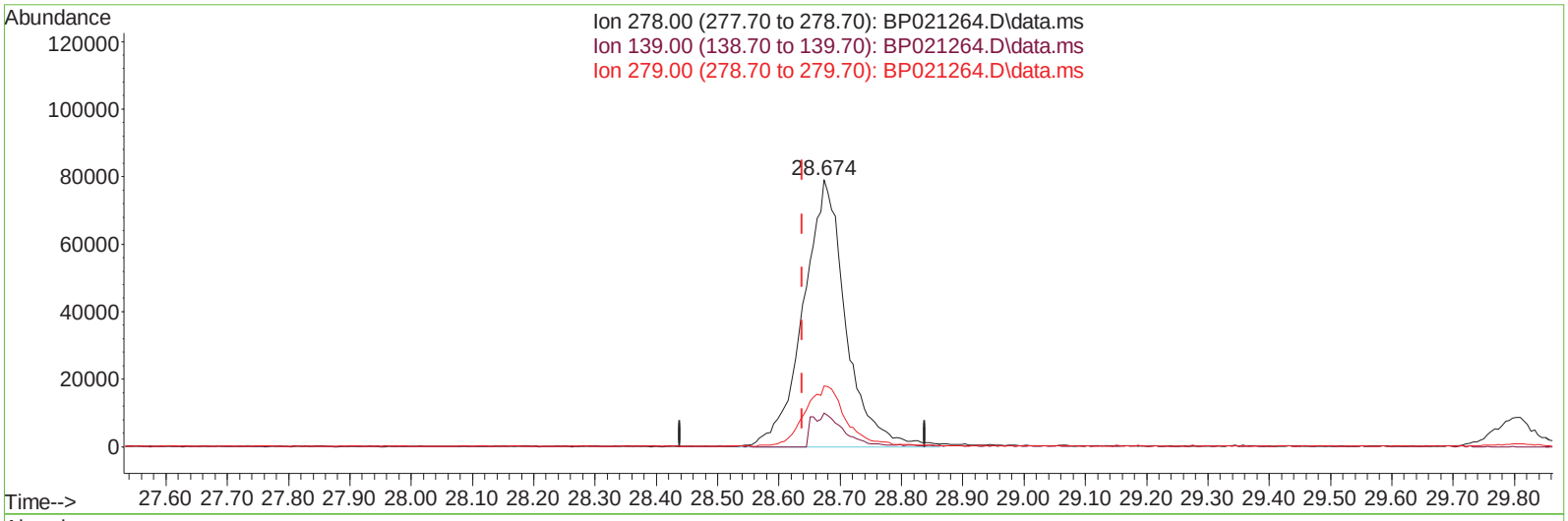
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

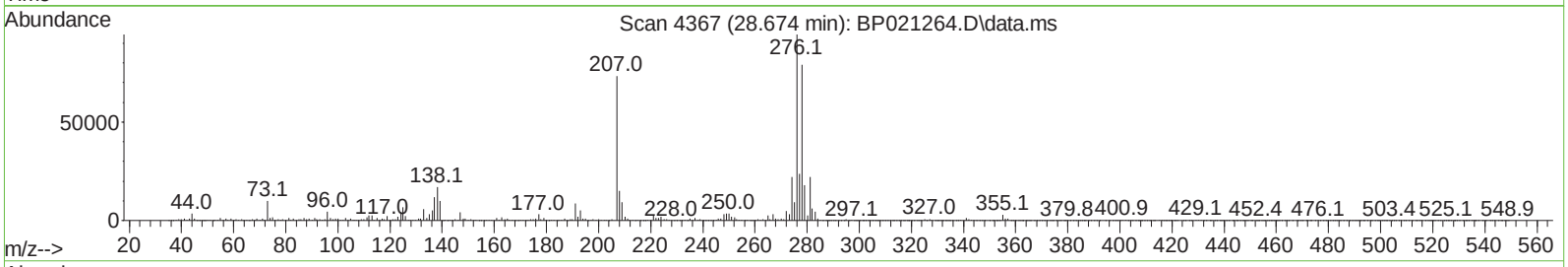
Quant Time: Jul 31 17:31:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

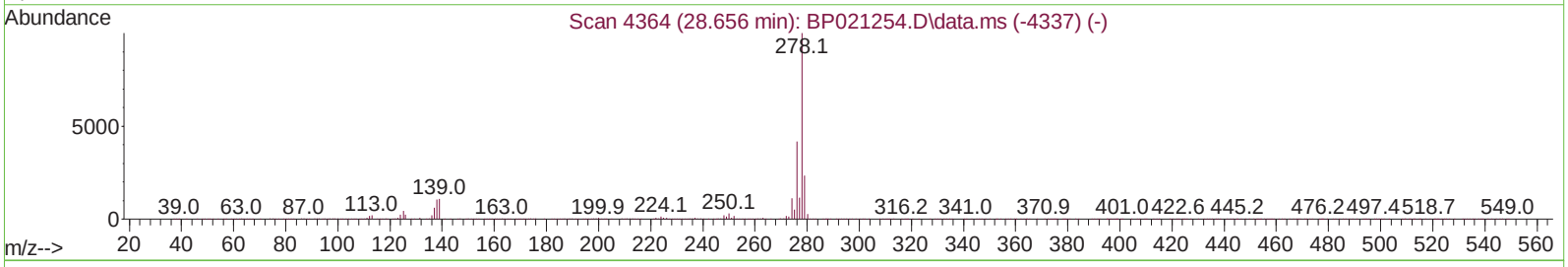
**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024




TIC: BP021264.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.674min (+ 0.036) 5.92 ng/ul m**

**response 380878**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.60 | 12.74 |
| 279.00 | 24.20 | 22.81 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

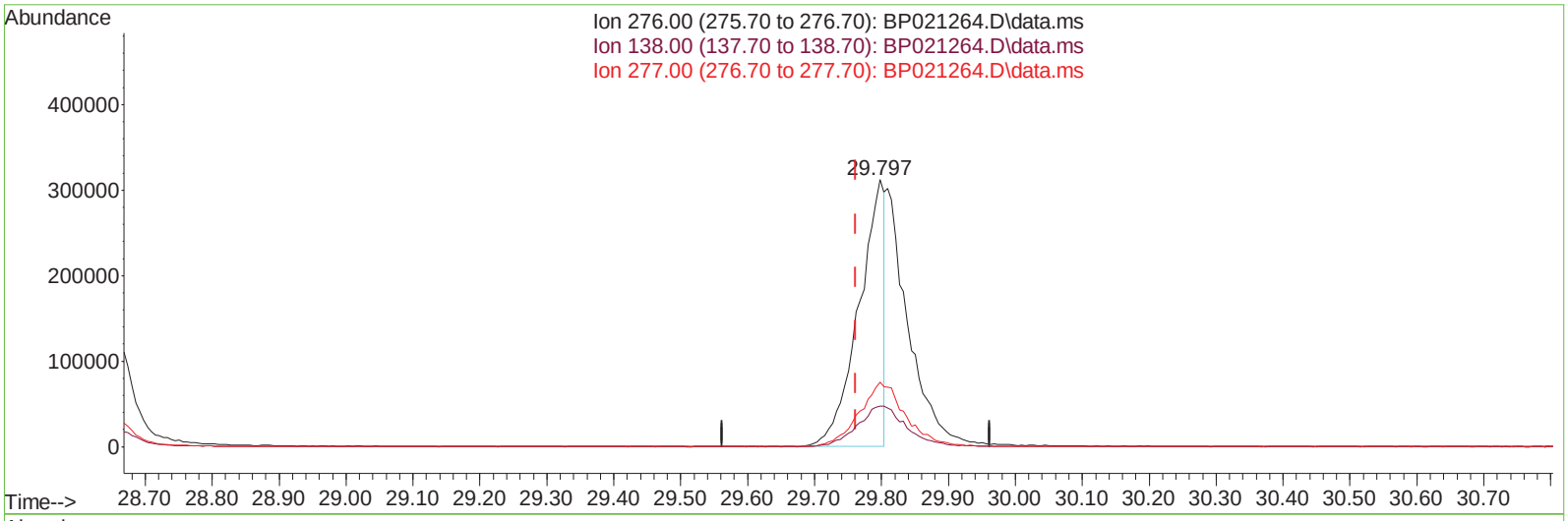
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

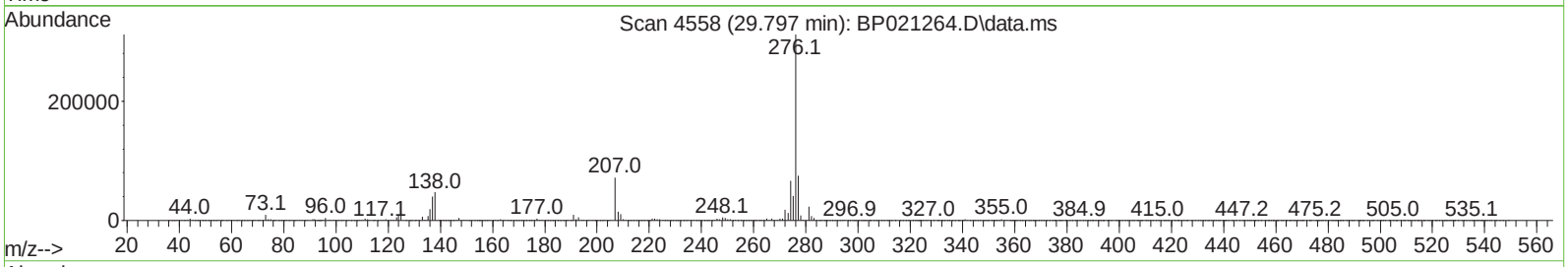
Quant Time: Jul 31 17:31:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

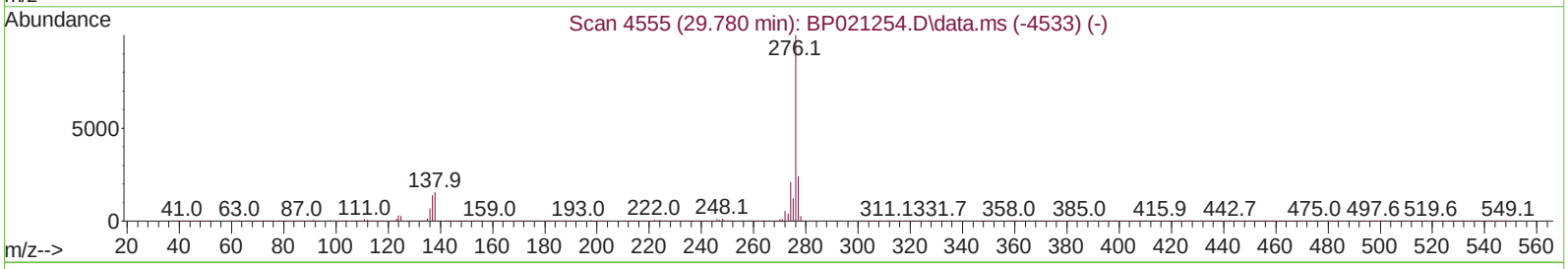
**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024




TIC: BP021264.D\data.ms

**(96) Benzo(g,h,i)perylene**

**29.797min (+ 0.036) 13.08 ng/ul**

**response 827808**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.10 | 15.21# |
| 277.00 | 22.70 | 24.19 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

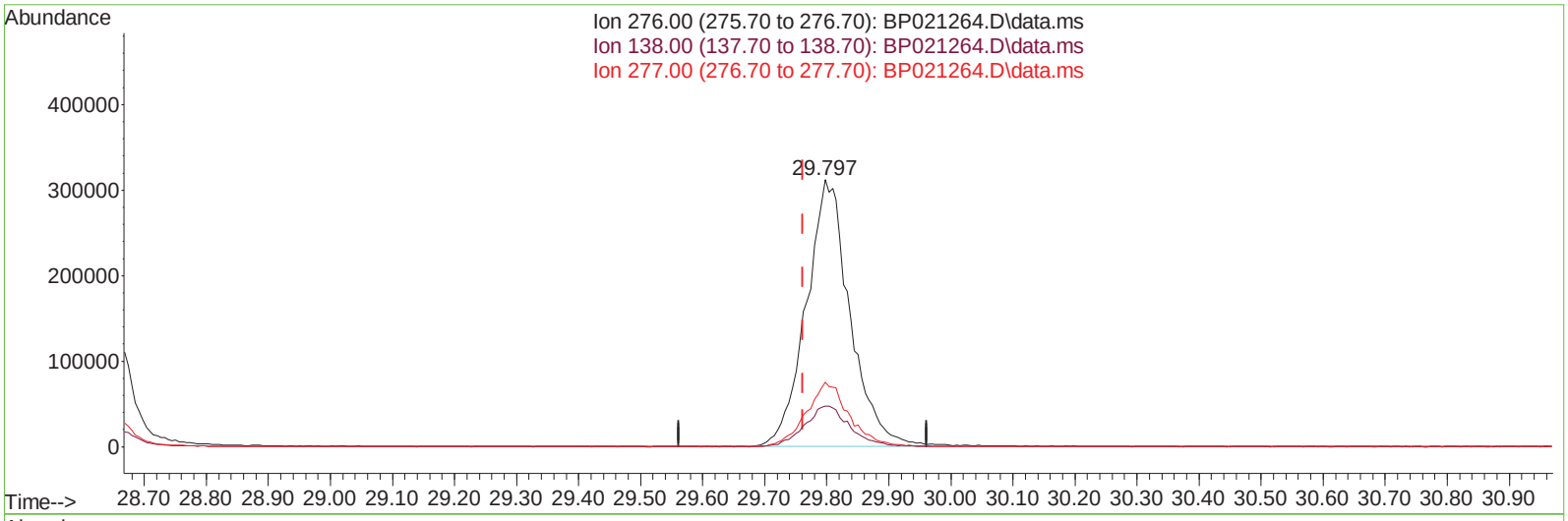
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

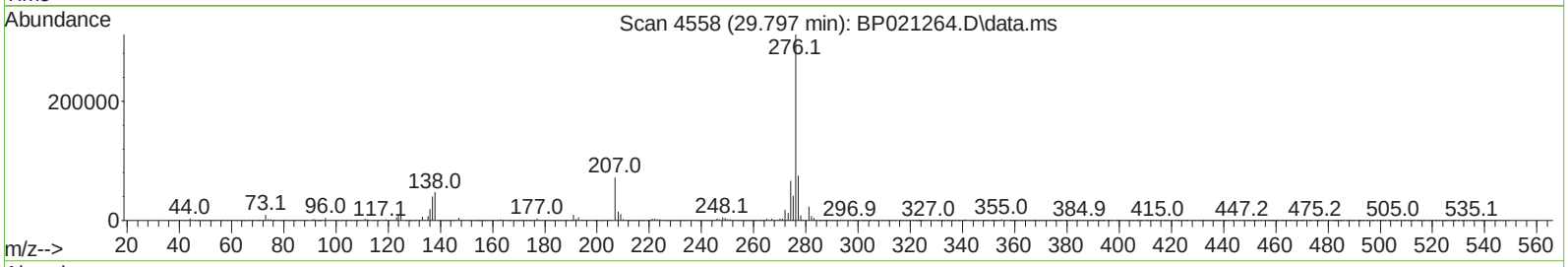
Quant Time: Jul 31 17:31:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

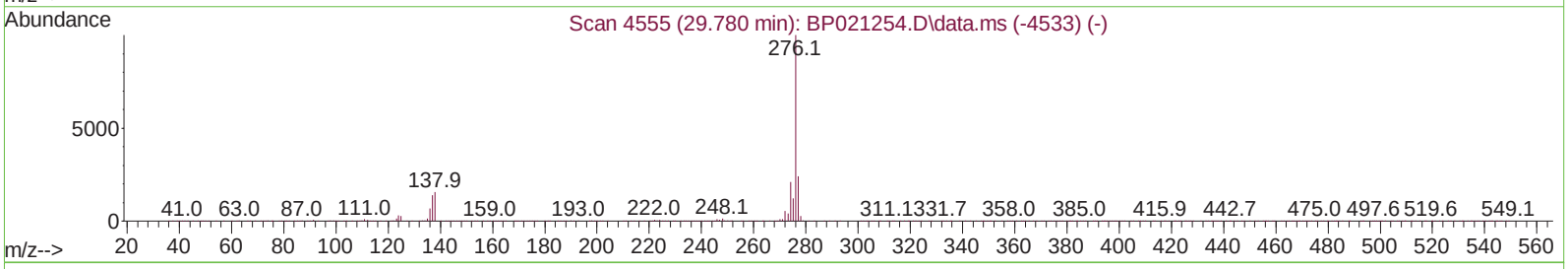
**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024




TIC: BP021264.D\data.ms

**(96) Benzo(g,h,i)perylene**

**29.797min (+ 0.036) 24.24 ng/ul m**

**response 1534394**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.10 | 15.21# |
| 277.00 | 22.70 | 24.19 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 31 17:35:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.605 | 152 | 245937 | 20.000 | ng/ul | -0.03 |
| 20) Naphthalene-d8 | 10.369 | 136 | 984803 | 20.000 | ng/ul | -0.02 |
| 38) Acenaphthene-d10 | 14.263 | 164 | 640076 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.086 | 188 | 1325385 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.545 | 240 | 977683 | 20.000 | ng/ul | # 0.01 |
| 88) Perylene-d12 | 24.857 | 264 | 1051915 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.158 | 96 | 3792 | 0.702 | ng/uL | -0.02 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 6.822 | 99 | 87360 | 4.357 | ng/ul | -0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 6.958 | 67 | 54464 | 4.482 | ng/ul | -0.02 |
| 11) 2-Chlorophenol-d4 | 7.157 | 132 | 73588 | 4.454 | ng/ul | -0.02 |
| 15) 4-Methylphenol-d8 | 8.357 | 113 | 54859 | 3.294 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.775 | 128 | 33050 | 4.321 | ng/ul | -0.02 |
| 24) 2-Nitrophenol-d4 | 9.487 | 143 | 35068 | 4.006 | ng/ul | -0.02 |
| 28) 2,4-Dichlorophenol-d3 | 10.034 | 165 | 83559 | 5.278 | ng/ul | -0.02 |
| 31) 4-Chloroaniline-d4 | 10.575 | 131 | 64616m | 3.081 | ng/ul | 0.02 |
| 46) Dimethylphthalate-d6 | 13.675 | 166 | 251016 | 5.395 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.951 | 160 | 279335 | 5.346 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.581 | 143 | 26443 | 3.994 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.281 | 176 | 218358 | 5.720 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.481 | 200 | 21651 | 2.700 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.192 | 188 | 326921 | 5.554 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.592 | 212 | 356229 | 5.894 | ng/ul | 0.02 |
| 92) Benzo(a)pyrene-d12 | 24.633 | 264 | 300202 | 5.786 | ng/ul | 0.04 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 6.846 | 94 | 294642 | 14.522 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.046 | 93 | 497129 | 29.660 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.187 | 128 | 89587 | 5.411 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.410 | 70 | 215050 | 15.969 | ng/ul | 98 |
| 22) Nitrobenzene | 8.816 | 77 | 114111 | 6.228 | ng/ul | 96 |
| 25) 2-Nitrophenol | 9.516 | 139 | 149080 | 16.327 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)met... | 9.804 | 93 | 595326 | 26.887 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.063 | 162 | 359540 | 23.045 | ng/ul | 98 |
| 30) Naphthalene | 10.422 | 128 | 1657032 | 31.988 | ng/ul | 99 |
| 35) 4-Chloro-3-methylphenol | 11.710 | 107 | 394123 | 23.240 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.687 | 196 | 274773 | 20.919 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.781 | 196 | 291440 | 20.971 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.863 | 165 | 199831 | 21.171 | ng/ul | 98 |
| 50) Acenaphthylene | 13.975 | 152 | 1663689 | 28.124 | ng/ul | 99 |
| 52) Acenaphthene | 14.322 | 153 | 859265 | 21.885 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.598 | 109 | 164671m | 30.578 | ng/ul | |
| 56) Dibenzofuran | 14.675 | 168 | 973214 | 18.101 | ng/ul | 98 |
| 59) Diethylphthalate | 15.104 | 149 | 1409934 | 29.882 | ng/ul | 99 |
| 61) Fluorene | 15.339 | 166 | 708298 | 16.144 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.328 | 204 | 725555 | 30.476 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.745 | 266 | 264689 | 27.360 | ng/ul | 97 |
| 74) Anthracene | 17.228 | 178 | 2055129 | 29.320 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.092 | 149 | 1045604 | 13.226 | ng/ul | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 31 17:35:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 80) Fluoranthene | 19.239 | 202 | 2088576 | 28.612 | ng/ul | 99 |
| 82) Pyrene | 19.616 | 202 | 2230159 | 30.024 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.563 | 149 | 1027878 | 33.213 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.527 | 228 | 1110550 | 16.215 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.439 | 149 | 1204896 | 27.054 | ng/ul# | 97 |
| 87) Chrysene | 21.592 | 228 | 2161612 | 33.967 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.880 | 252 | 933948 | 14.660 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.692 | 252 | 410052 | 6.798 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 28.627 | 276 | 1613399 | 20.756 | ng/ul# | 96 |
| 95) Dibenzo(a,h)anthracene | 28.674 | 278 | 380878m | 5.917 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.797 | 276 | 1534394m | 24.238 | ng/ul | |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021264.D
Acq On : 31 Jul 2024 17:06
Operator : CG/JU
Sample : P3283-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 31 17:35:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A4DJ0DL

**Manual IntegrationsAPPROVED**

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