Quantitation Report (Qedit)

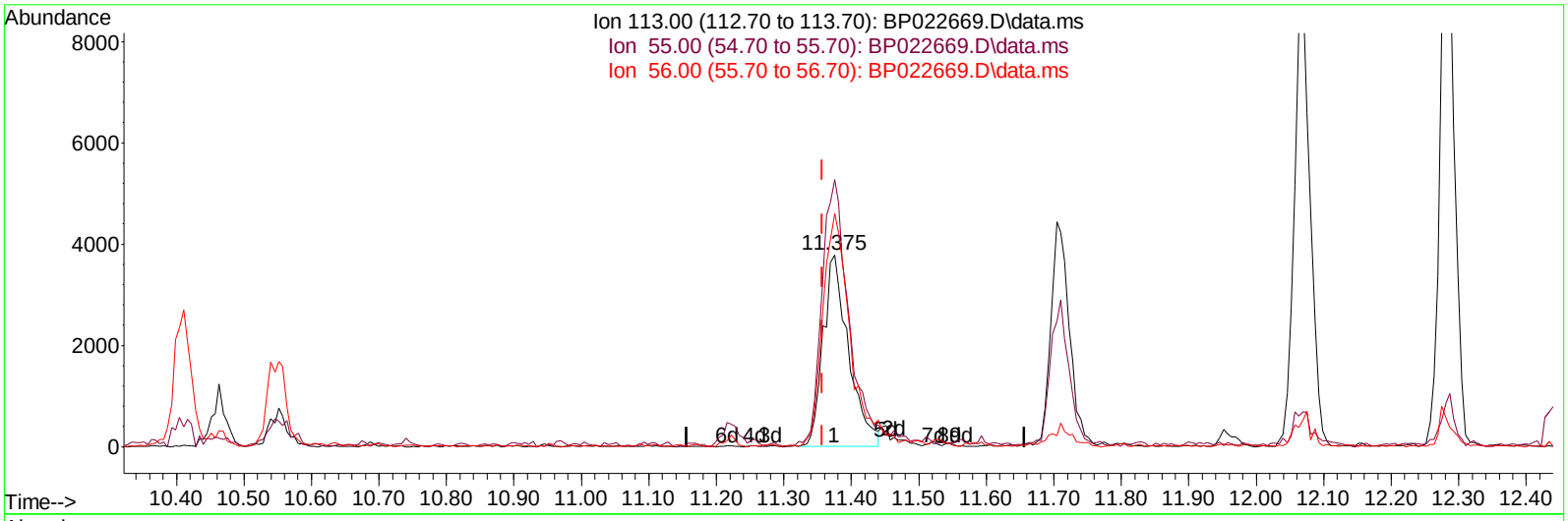
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022669.D
Acq On : 27 Oct 2024 09:35
Operator : RC/JU
Sample : P4559-12MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

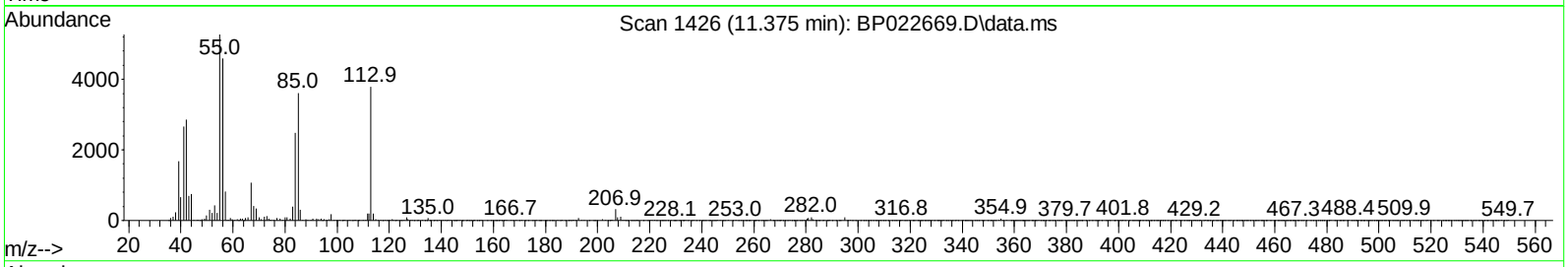
Quant Time: Oct 28 01:40:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

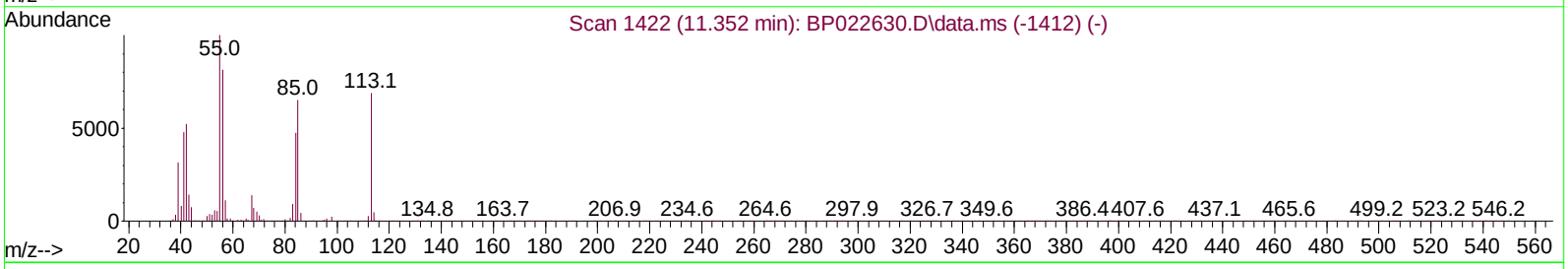
**Instrument :**
BNA_P
**ClientSampleId :**
GCNY7MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024




TIC: BP022669.D\data.ms

**(34) Caprolactam**

**11.375min (+ 0.018) 4.48 ng/ul**

**response 9935**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 162.70 | 139.15 |
| 56.00 | 130.00 | 121.41 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

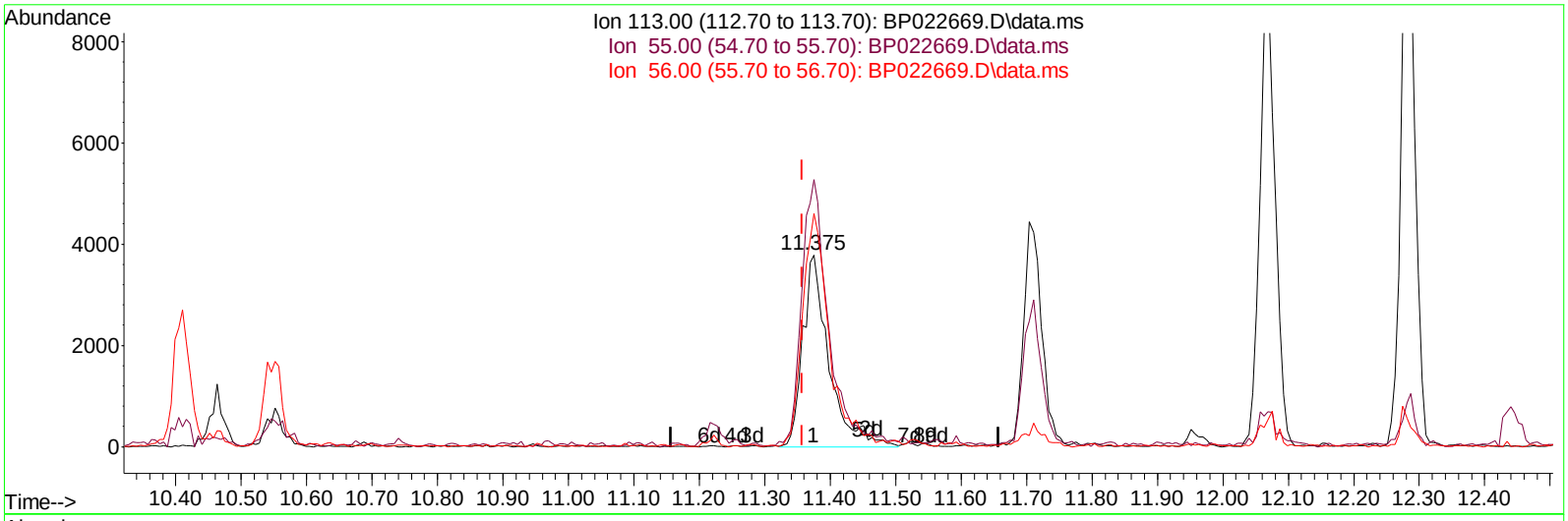
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022669.D
Acq On : 27 Oct 2024 09:35
Operator : RC/JU
Sample : P4559-12MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

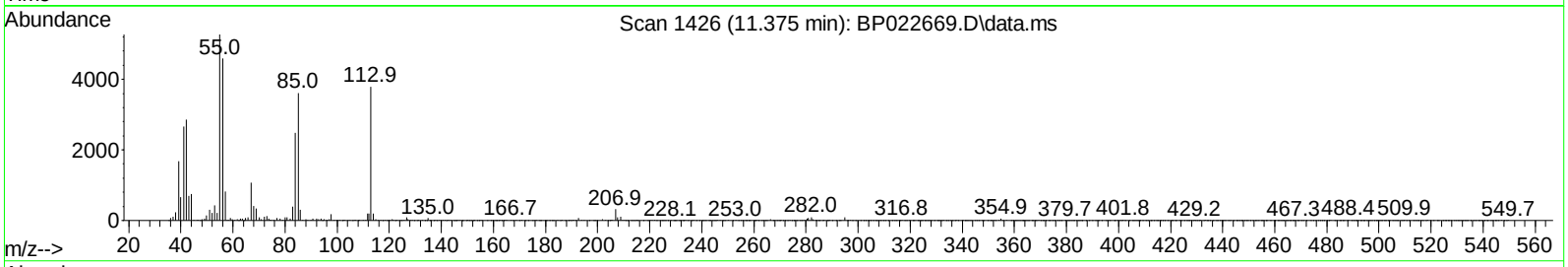
Quant Time: Oct 28 01:40:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

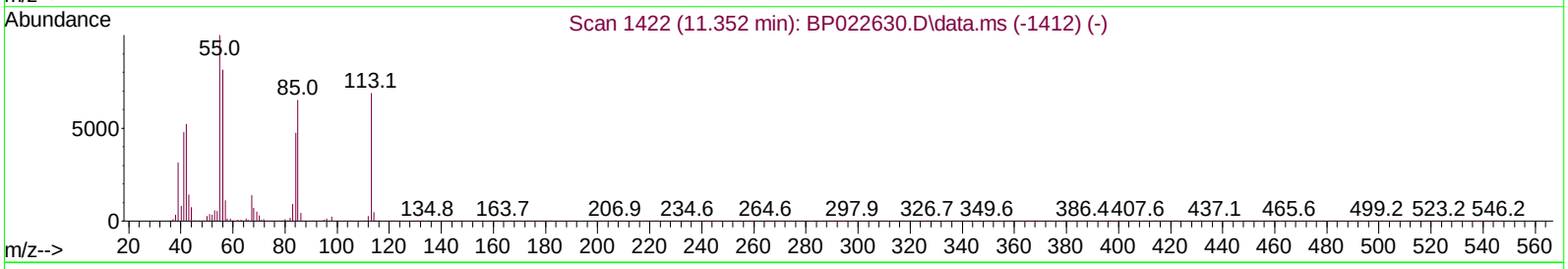
**Instrument :**
BNA_P
**ClientSampleId :**
GCNY7MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024




TIC: BP022669.D\data.ms

**(34) Caprolactam**

**11.375min (+ 0.018) 4.77 ng/ul m**

**response 10568**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 162.70 | 139.15 |
| 56.00 | 130.00 | 121.41 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

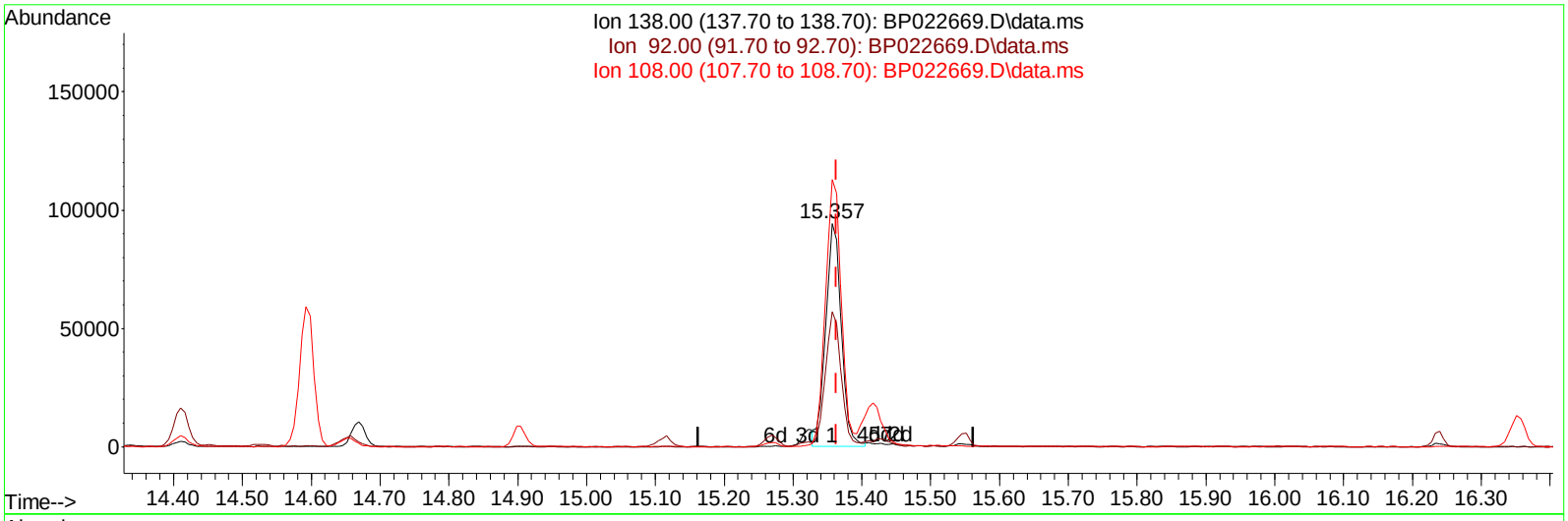
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022669.D
Acq On : 27 Oct 2024 09:35
Operator : RC/JU
Sample : P4559-12MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

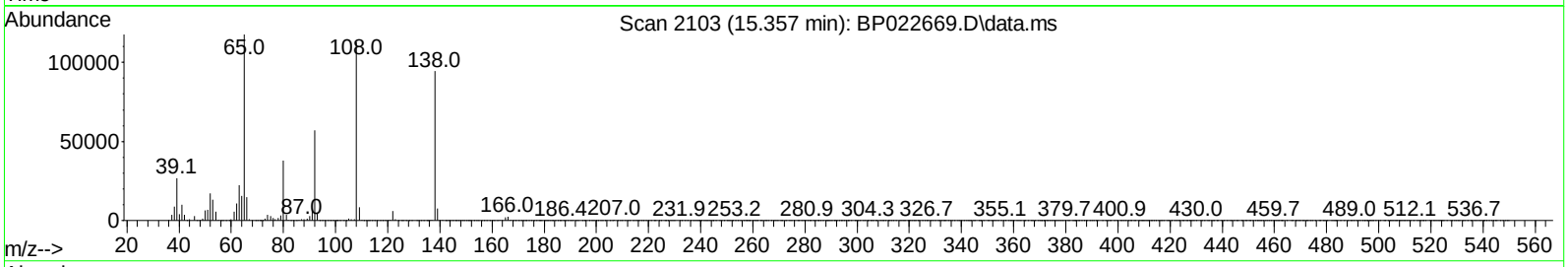
Quant Time: Oct 28 01:45:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

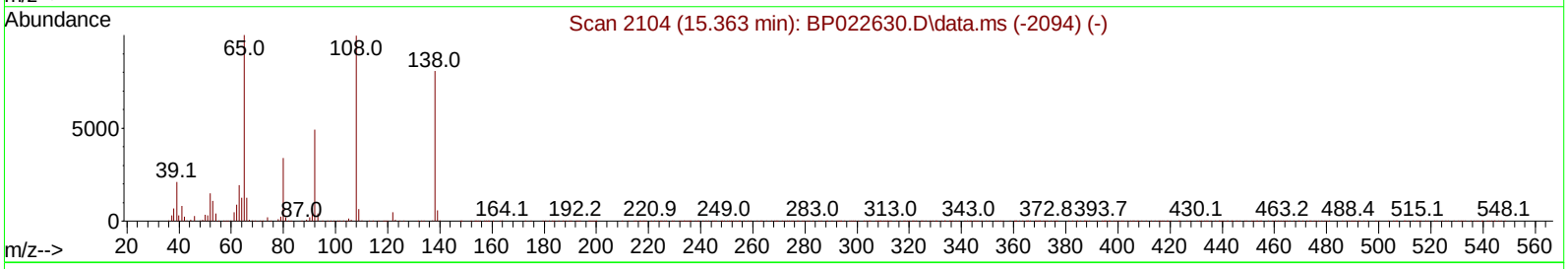
**Instrument :**
BNA_P
**ClientSampleId :**
GCNY7MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024




TIC: BP022669.D\data.ms

**(63) 4-Nitroaniline**

**15.357min (-0.005) 34.94 ng/ul**

**response 148021**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 61.40 | 60.36 |
| 108.00 | 113.30 | 119.49 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

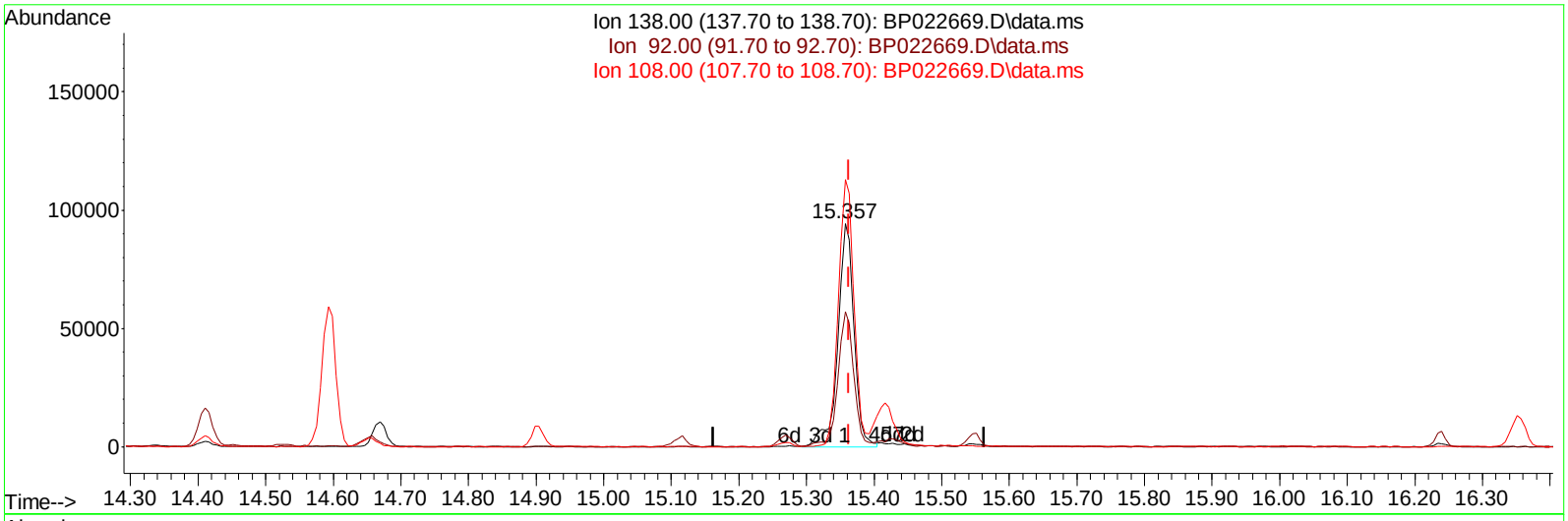
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022669.D
Acq On : 27 Oct 2024 09:35
Operator : RC/JU
Sample : P4559-12MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

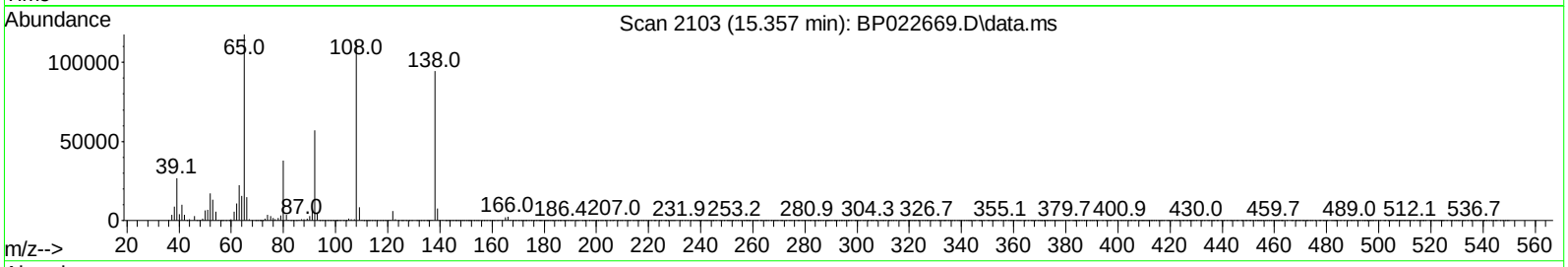
Quant Time: Oct 28 01:45:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

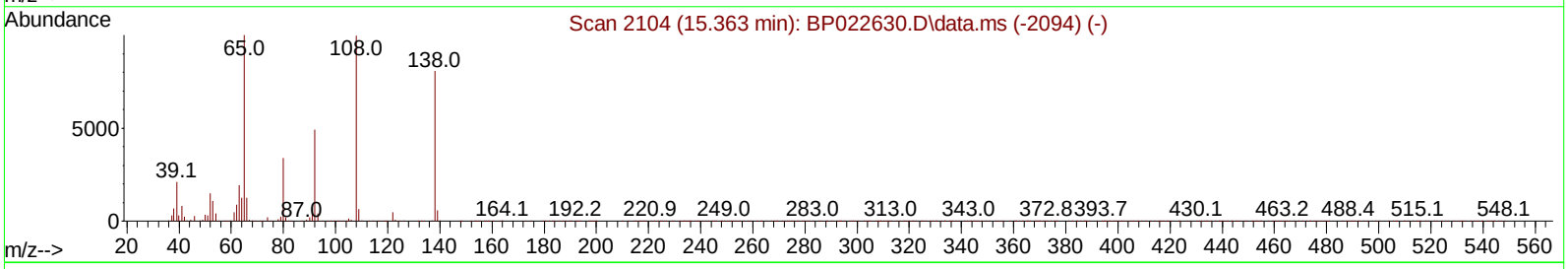
**Instrument :**
BNA_P
**ClientSampleId :**
GCNY7MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024




TIC: BP022669.D\data.ms

**(63) 4-Nitroaniline**

**15.357min (-0.005) 37.08 ng/ul m**

**response 157095**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 61.40 | 60.36 |
| 108.00 | 113.30 | 119.49 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

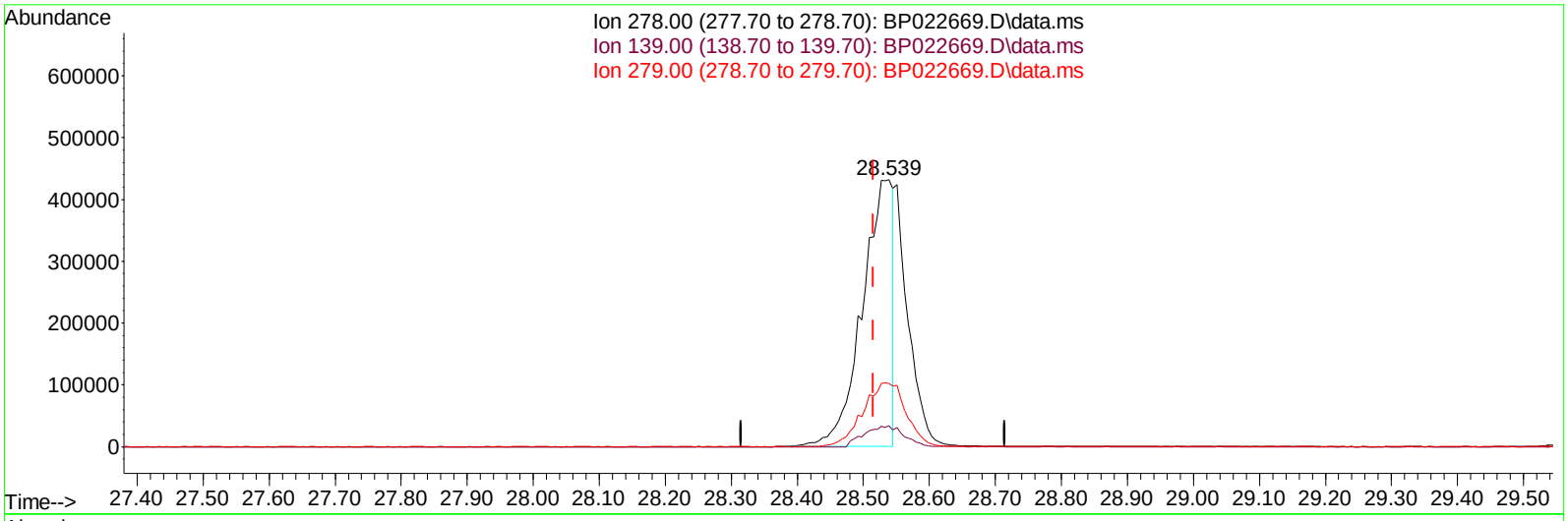
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022669.D
Acq On : 27 Oct 2024 09:35
Operator : RC/JU
Sample : P4559-12MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

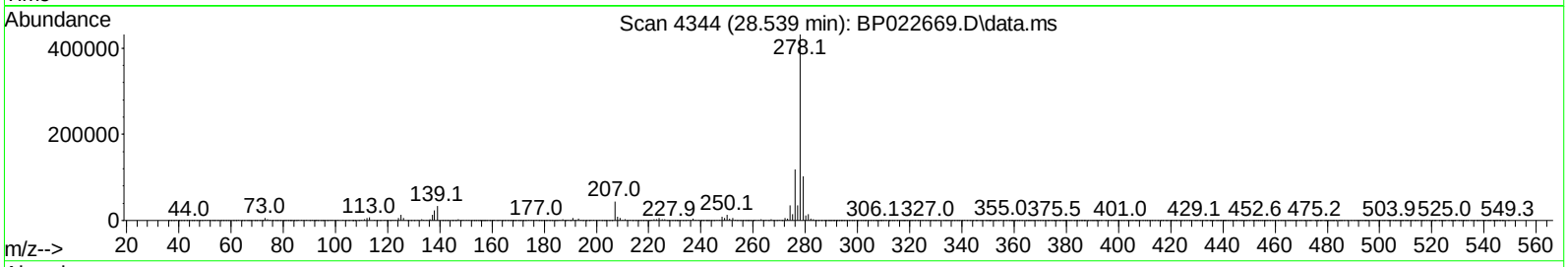
Quant Time: Oct 28 01:40:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

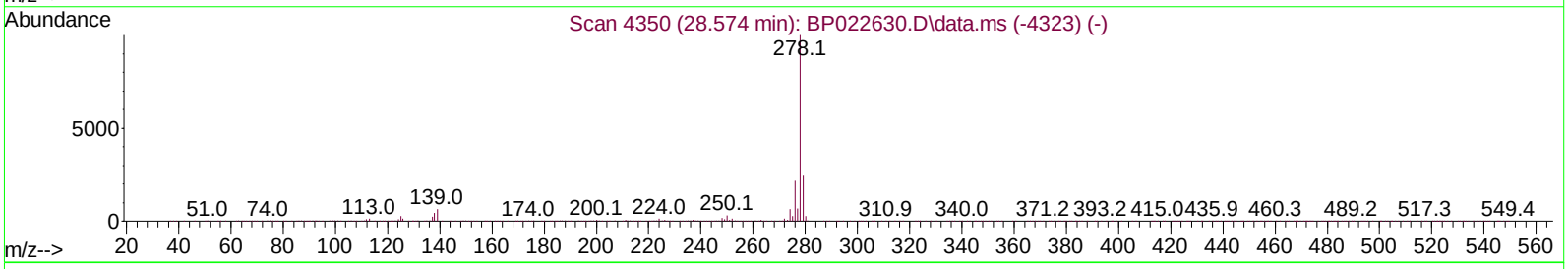
**Instrument :**
BNA_P
**ClientSampleId :**
GCNY7MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024




TIC: BP022669.D\data.ms

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

**28.539min (+ 0.024) 26.76 ng/ul**

**response 1399873**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 9.10 | 7.95 |
| 279.00 | 23.70 | 23.68 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

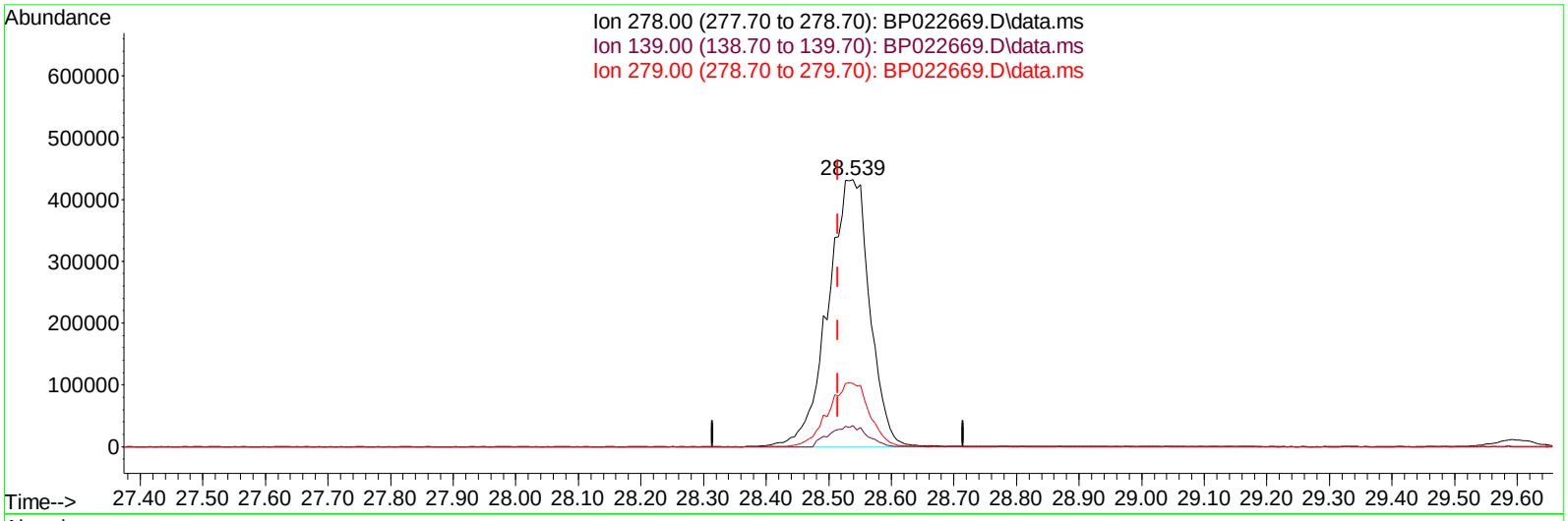
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022669.D
Acq On : 27 Oct 2024 09:35
Operator : RC/JU
Sample : P4559-12MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

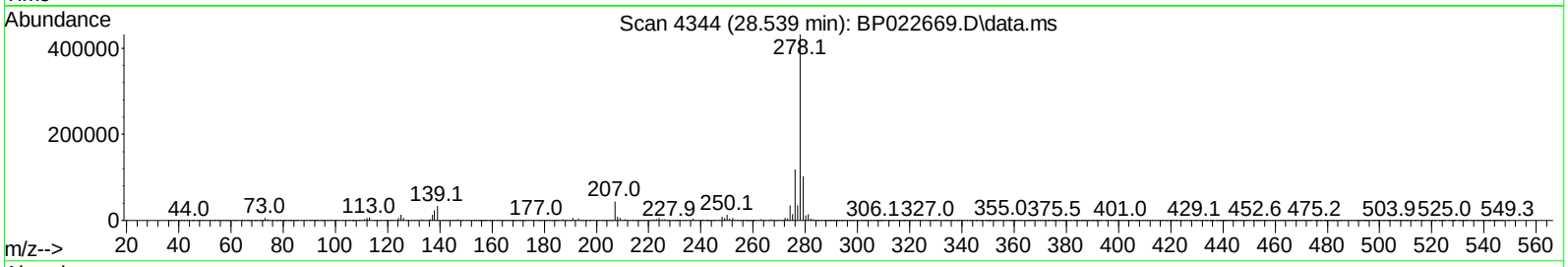
Quant Time: Oct 28 01:40:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

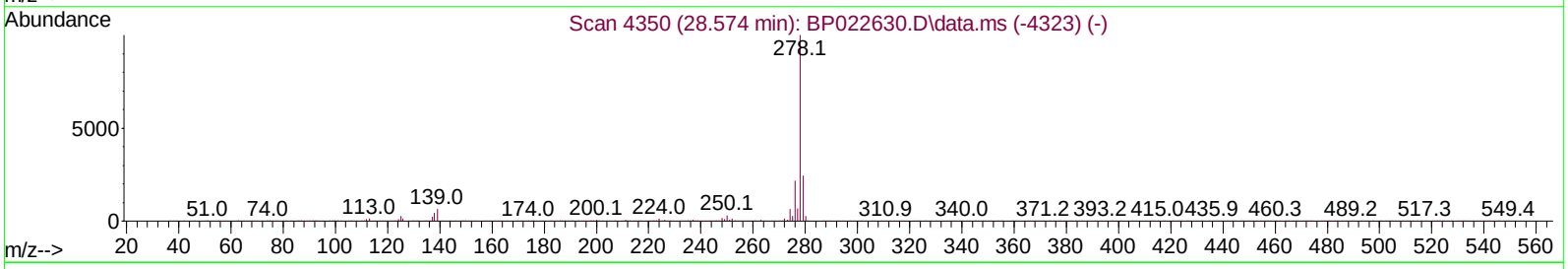
**Instrument :**
BNA_P
**ClientSampleId :**
GCNY7MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024




TIC: BP022669.D\data.ms

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

**28.539min (+ 0.024) 38.18 ng/ul m**

**response 1997345**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 9.10 | 7.95 |
| 279.00 | 23.70 | 23.68 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022669.D
Acq On : 27 Oct 2024 09:35
Operator : RC/JU
Sample : P4559-12MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 28 03:28:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
GCNY7MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.646 | 152 | 98053 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.410 | 136 | 369031 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.269 | 164 | 299371 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.051 | 188 | 657881 | 20.000 | ng/ul | -0.03 |
| 79) Chrysene-d12 | 21.504 | 240 | 735391 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.763 | 264 | 835564 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.181 | 96 | 10700 | 4.241 | ng/uL | -0.02 |
| 4) Pyridine-d5 | 3.599 | 84 | 57060 | 8.237 | ng/ul | -0.01 |
| 7) Phenol-d5 | 6.846 | 99 | 66124 | 8.011 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.993 | 67 | 151693 | 31.270 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.193 | 132 | 172927 | 29.527 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.358 | 113 | 127545 | 19.363 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.799 | 128 | 102861 | 36.251 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.505 | 143 | 124748 | 37.974 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.046 | 165 | 260582 | 37.322 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.552 | 131 | 249458 | 30.237 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.675 | 166 | 872987 | 36.702 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.951 | 160 | 898256 | 35.556 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.510 | 143 | 33169 | 8.312 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.269 | 176 | 659268 | 31.955 | ng/ul | -0.02 |
| 65) 4,6-Dinitro-2-methylph... | 15.416 | 200 | 163049 | 37.684 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.175 | 188 | 1163205 | 37.585 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.545 | 212 | 1525220 | 39.220 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 24.533 | 264 | 1759004 | 39.419 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.217 | 88 | 12438 | 4.585 | ng/uL | 99 |
| 5) Pyridine | 3.617 | 79 | 64182 | 9.037 | ng/ul | 94 |
| 6) Benzaldehyde | 6.811 | 77 | 113931 | 25.543 | ng/ul | 99 |
| 8) Phenol | 6.869 | 94 | 73051 | 8.507 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.081 | 93 | 210379 | 32.735 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.222 | 128 | 185585 | 30.644 | ng/ul | 95 |
| 13) 2-Methylphenol | 8.099 | 108 | 147715 | 23.703 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.163 | 45 | 224184 | 30.014 | ng/ul | 98 |
| 16) Acetophenone | 8.463 | 105 | 361588 | 33.251 | ng/ul | 95 |
| 17) N-Nitroso-di-n-propyla... | 8.446 | 70 | 180034 | 32.677 | ng/ul | 95 |
| 18) 4-Methylphenol | 8.422 | 108 | 138762 | 20.071 | ng/ul | 99 |
| 19) Hexachloroethane | 8.710 | 117 | 75976 | 26.937 | ng/ul | 88 |
| 22) Nitrobenzene | 8.840 | 77 | 284759 | 33.621 | ng/ul | 94 |
| 23) Isophorone | 9.358 | 82 | 498605 | 32.833 | ng/ul | 96 |
| 25) 2-Nitrophenol | 9.534 | 139 | 128363 | 36.257 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.599 | 107 | 219579 | 28.534 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 9.828 | 93 | 284092 | 32.947 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.069 | 162 | 257419 | 37.439 | ng/ul | 98 |
| 30) Naphthalene | 10.463 | 128 | 672466 | 34.212 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.569 | 127 | 164123 | 20.153 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.740 | 225 | 204790 | 35.339 | ng/ul | 99 |
| 34) Caprolactam | 11.375 | 113 | 10568m | 4.768 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.710 | 107 | 252025 | 33.595 | ng/ul | 96 |

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
GCNY7MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.069 | 142 | 514933 | 35.689 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.287 | 142 | 510220 | 34.646 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.440 | 216 | 411005 | 37.130 | ng/ul | 95 |
| 40) Hexachlorocyclopentadiene | 12.416 | 237 | 134780 | 19.985 | ng/ul# | 93 |
| 41) 2,4,6-Trichlorophenol | 12.693 | 196 | 266322 | 38.249 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.769 | 196 | 289385 | 39.032 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.087 | 154 | 769721 | 35.671 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.134 | 162 | 627398 | 35.518 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.346 | 65 | 183987 | 34.882 | ng/ul | 90 |
| 47) Dimethylphthalate | 13.728 | 163 | 857535 | 36.181 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.846 | 165 | 181318 | 40.445 | ng/ul | 92 |
| 50) Acenaphthylene | 13.987 | 152 | 922445 | 35.182 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.187 | 138 | 153413 | 36.435 | ng/ul | 92 |
| 52) Acenaphthene | 14.340 | 153 | 664324 | 35.831 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.410 | 184 | 122598 | 37.169 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.522 | 109 | 39011 | 8.809 | ng/ul | 96 |
| 56) Dibenzofuran | 14.669 | 168 | 886136 | 31.818 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.657 | 165 | 247888 | 35.584 | ng/ul | 89 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.904 | 232 | 243198 | 35.143 | ng/ul# | 97 |
| 59) Diethylphthalate | 15.116 | 149 | 745109 | 32.768 | ng/ul | 99 |
| 61) Fluorene | 15.322 | 166 | 730225 | 32.180 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.322 | 204 | 412813 | 31.812 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.357 | 138 | 157095m | 37.078 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.434 | 198 | 176790 | 37.934 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.551 | 169 | 639886 | 36.321 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.240 | 248 | 305491 | 38.506 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.357 | 284 | 384536 | 39.378 | ng/ul | 96 |
| 70) Atrazine | 16.528 | 200 | 275817 | 37.664 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.710 | 266 | 233285 | 37.153 | ng/ul | 97 |
| 72) Phenanthrene | 17.104 | 178 | 1327032 | 37.703 | ng/ul | 99 |
| 74) Anthracene | 17.210 | 178 | 1309468 | 37.280 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.057 | 216 | 411481 | 41.078 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.593 | 250 | 465573 | 42.044 | ng/uL | 97 |
| 77) Carbazole | 17.492 | 167 | 1184607 | 38.115 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.063 | 149 | 1324720 | 38.521 | ng/ul | 100 |
| 80) Fluoranthene | 19.192 | 202 | 1784601 | 39.917 | ng/ul | 99 |
| 82) Pyrene | 19.575 | 202 | 1845171 | 38.507 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.528 | 149 | 655399 | 39.285 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.404 | 252 | 587649 | 33.522 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.480 | 228 | 1942276 | 37.675 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149 | 921270 | 38.472 | ng/ul | 100 |
| 87) Chrysene | 21.551 | 228 | 1811190 | 37.889 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.651 | 149 | 1556052 | 39.151 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.727 | 252 | 2116311 | 40.237 | ng/ul# | 98 |
| 91) Benzo(k)fluoranthene | 23.792 | 252 | 2052011 | 39.849 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.610 | 252 | 1852131 | 38.262 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.462 | 276 | 2463960 | 38.144 | ng/ul# | 97 |
| 95) Dibenzo(a,h)anthracene | 28.539 | 278 | 1997345m | 38.184 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.592 | 276 | 1910697 | 38.028 | ng/ul | 98 |

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

**Instrument :**
BNA_P
**ClientSampleId :**
GCNY7MSD

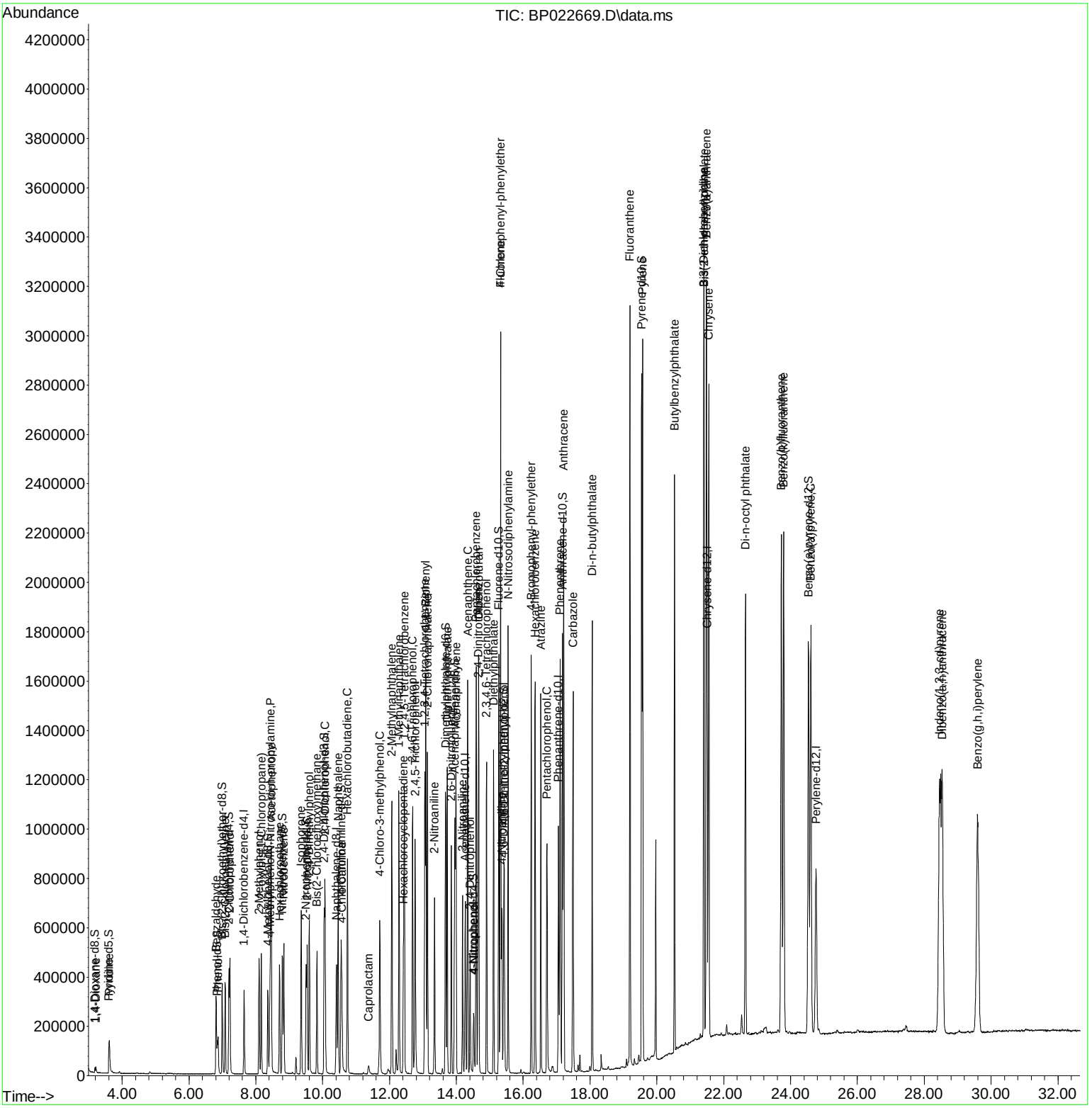
**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022669.D
Acq On : 27 Oct 2024 09:35
Operator : RC/JU
Sample : P4559-12MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 28 03:28:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
GCNY7MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024