Quantitation Report (Qedit)

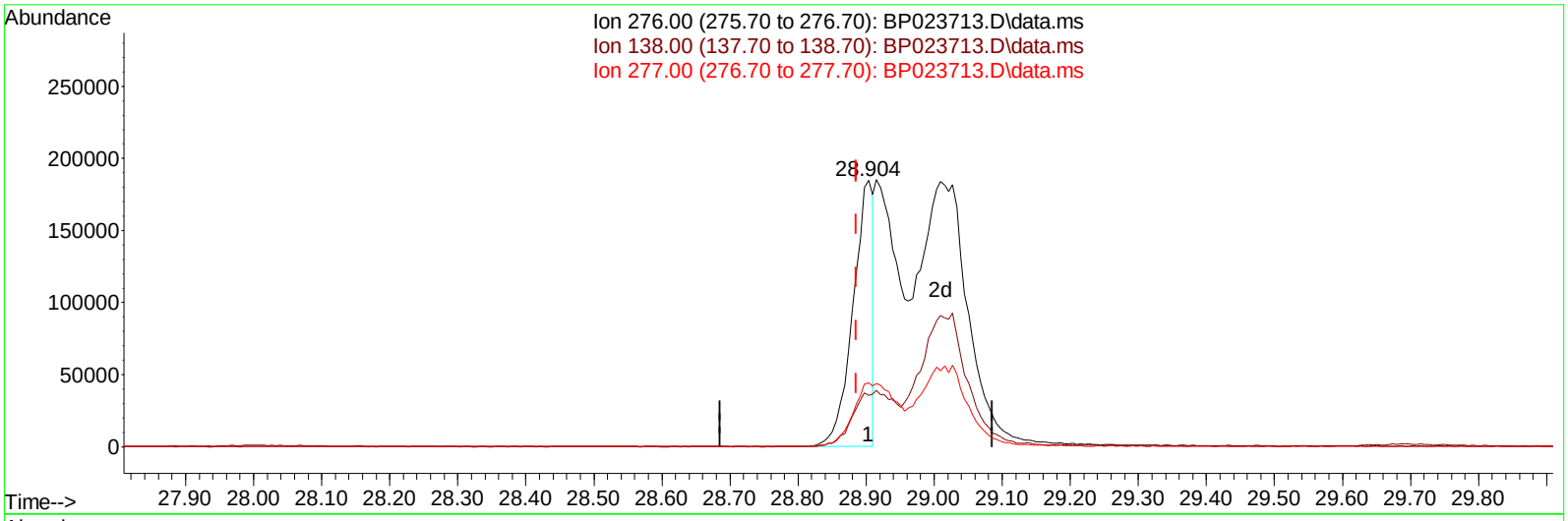
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
Data File : BP023713.D
Acq On : 24 Jan 2025 12:49
Operator : RC/JU
Sample : Q1148-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

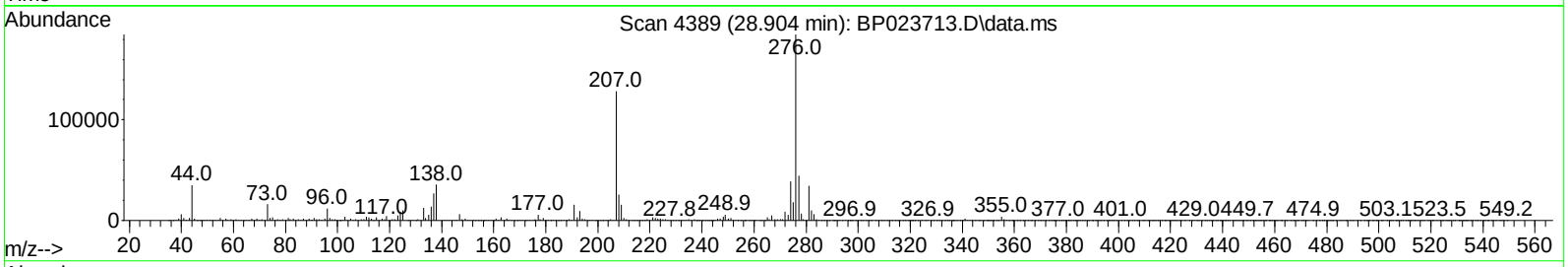
Quant Time: Jan 25 01:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

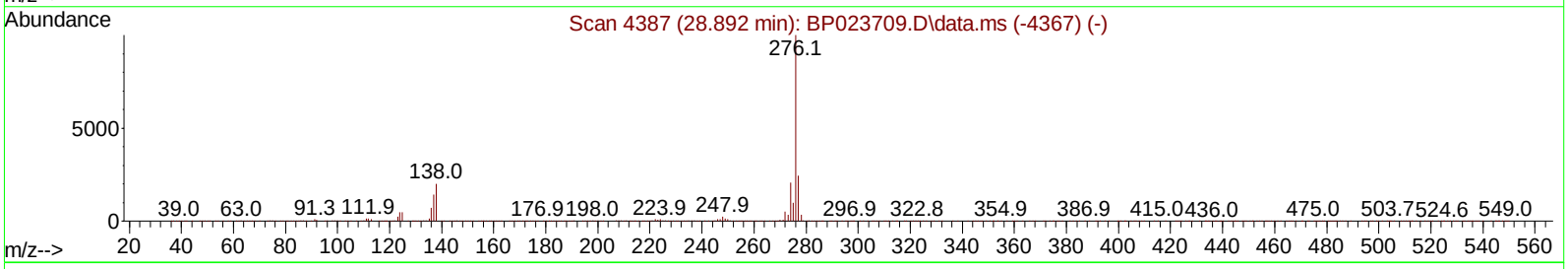
**Instrument :**
BNA_P
**ClientSampleId :**
XA173DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025




TIC: BP023713.D\data.ms

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

**28.904min (+ 0.018) 1.60 ng/ul**

**response 382255**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.80 | 19.25 |
| 277.00 | 24.00 | 23.97 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

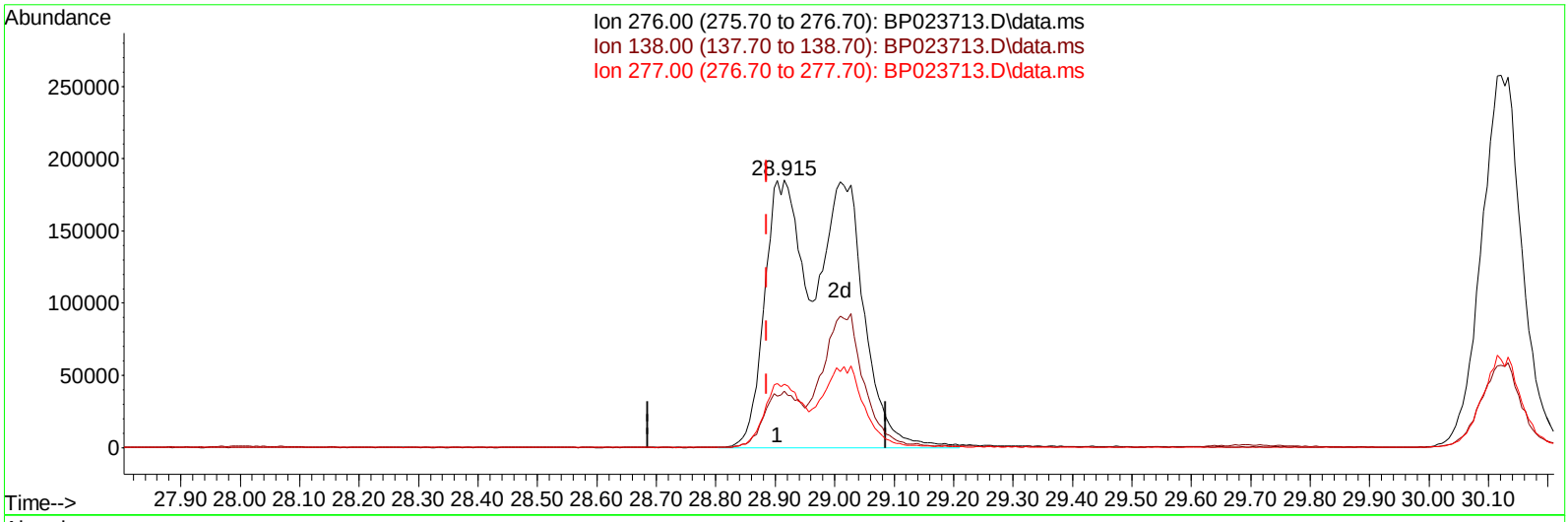
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
Data File : BP023713.D
Acq On : 24 Jan 2025 12:49
Operator : RC/JU
Sample : Q1148-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

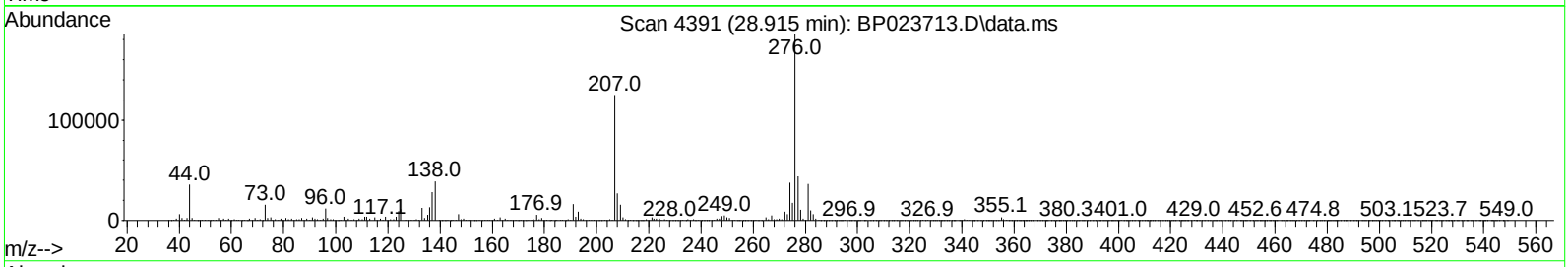
Quant Time: Jan 24 23:02:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

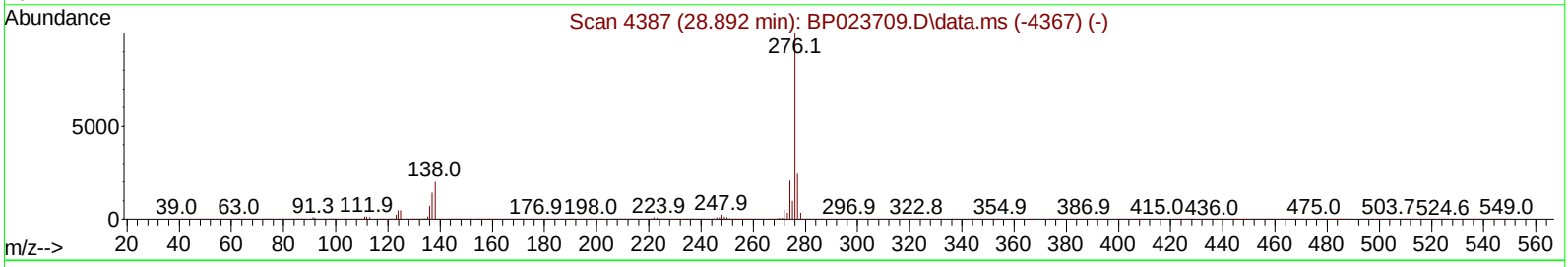
**Instrument :**
BNA_P
**ClientSampleId :**
XA173DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025




TIC: BP023713.D\data.ms

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

**28.915min (+ 0.030) 7.30 ng/ul m**

**response 1738348**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.80 | 21.07 |
| 277.00 | 24.00 | 23.62 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
Data File : BP023713.D
Acq On : 24 Jan 2025 12:49
Operator : RC/JU
Sample : Q1148-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 01:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
XA173DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/27/2025
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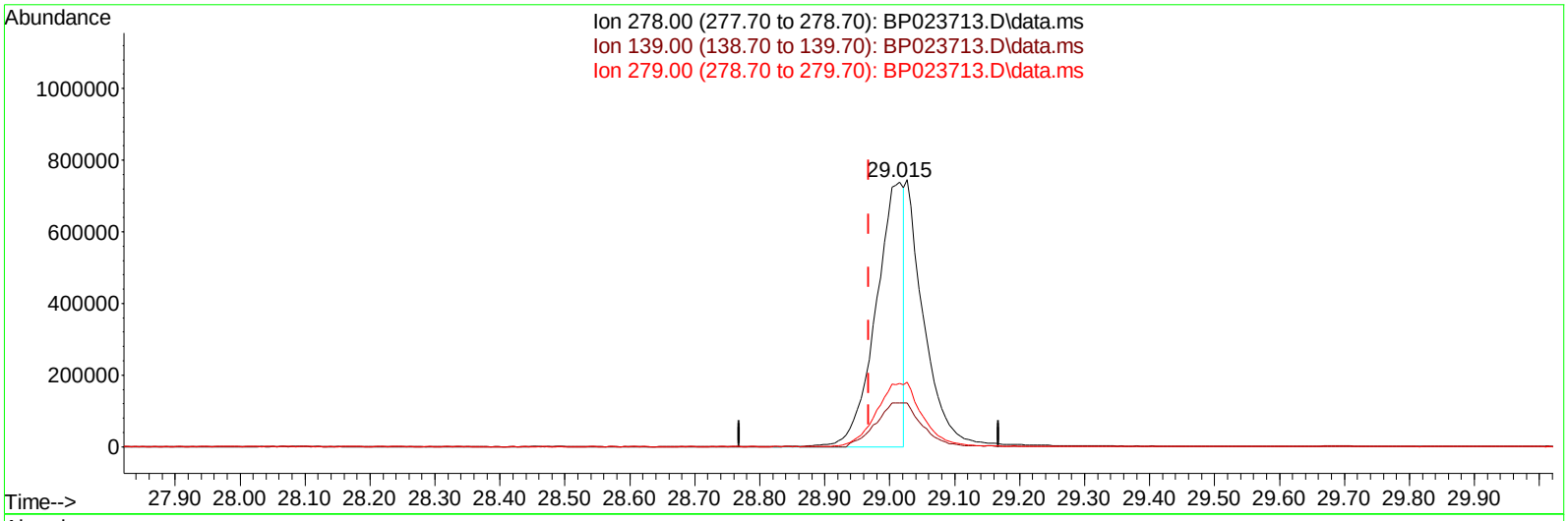
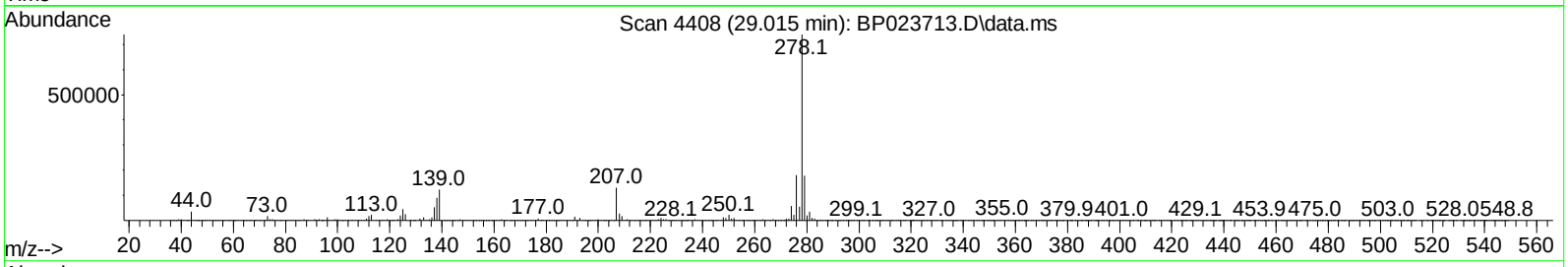
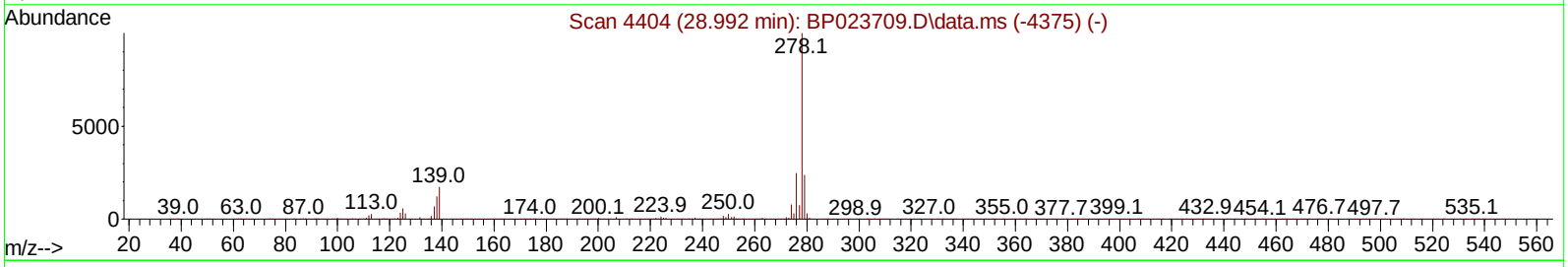



TIC: BP023713.D\data.ms

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

**29.015min (+ 0.047) 11.42 ng/ul**

**response 2210611**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 16.80 | 16.53 |
| 279.00 | 24.30 | 23.93 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

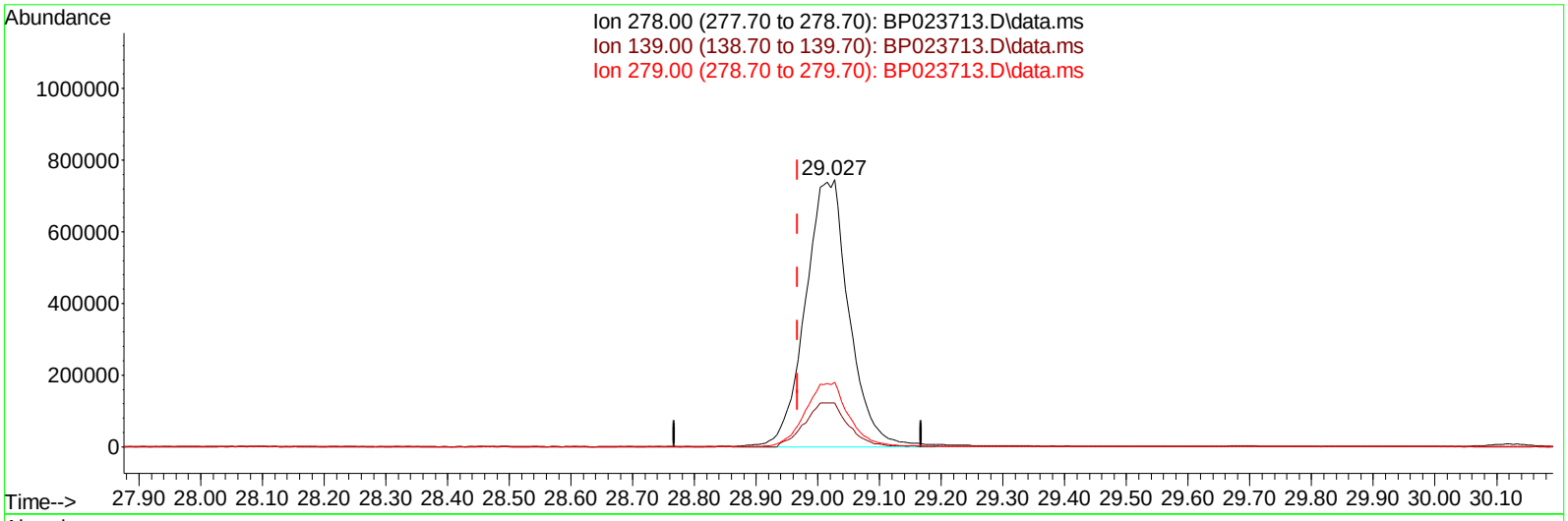
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
Data File : BP023713.D
Acq On : 24 Jan 2025 12:49
Operator : RC/JU
Sample : Q1148-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

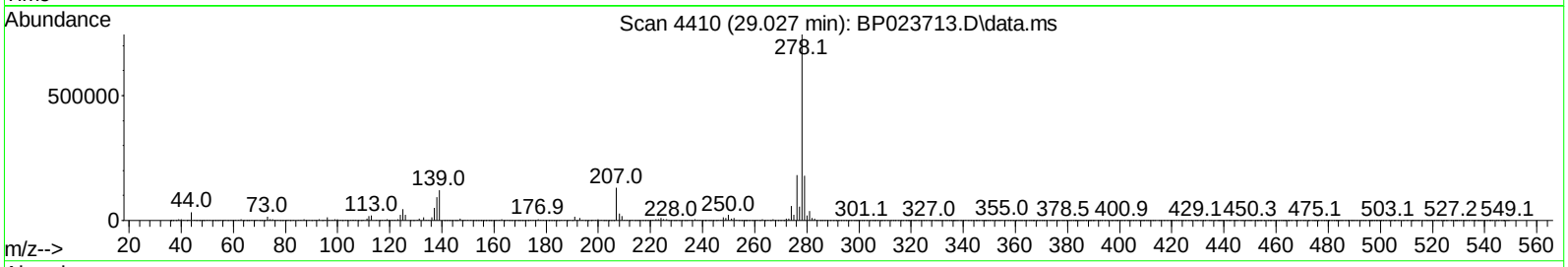
Quant Time: Jan 24 23:02:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

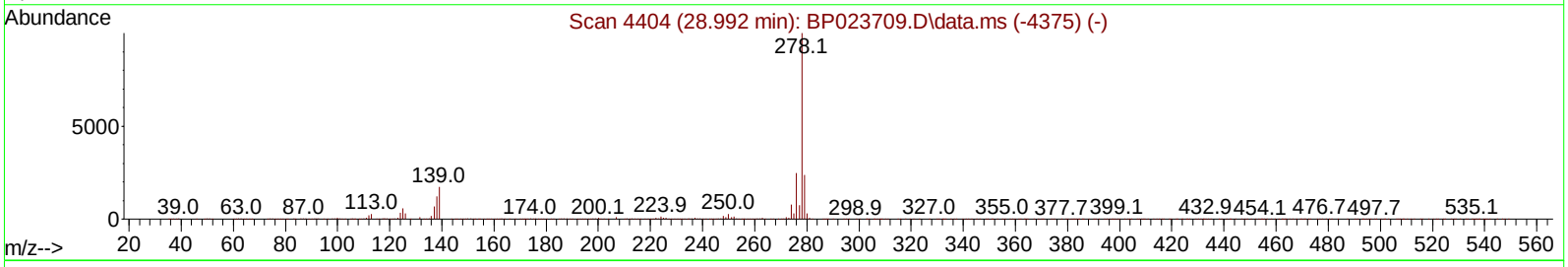
**Instrument :**
BNA_P
**ClientSampleId :**
XA173DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025




TIC: BP023713.D\data.ms

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

**29.027min (+ 0.059) 18.98 ng/ul m**

**response 3674724**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 16.80 | 16.31 |
| 279.00 | 24.30 | 24.12 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

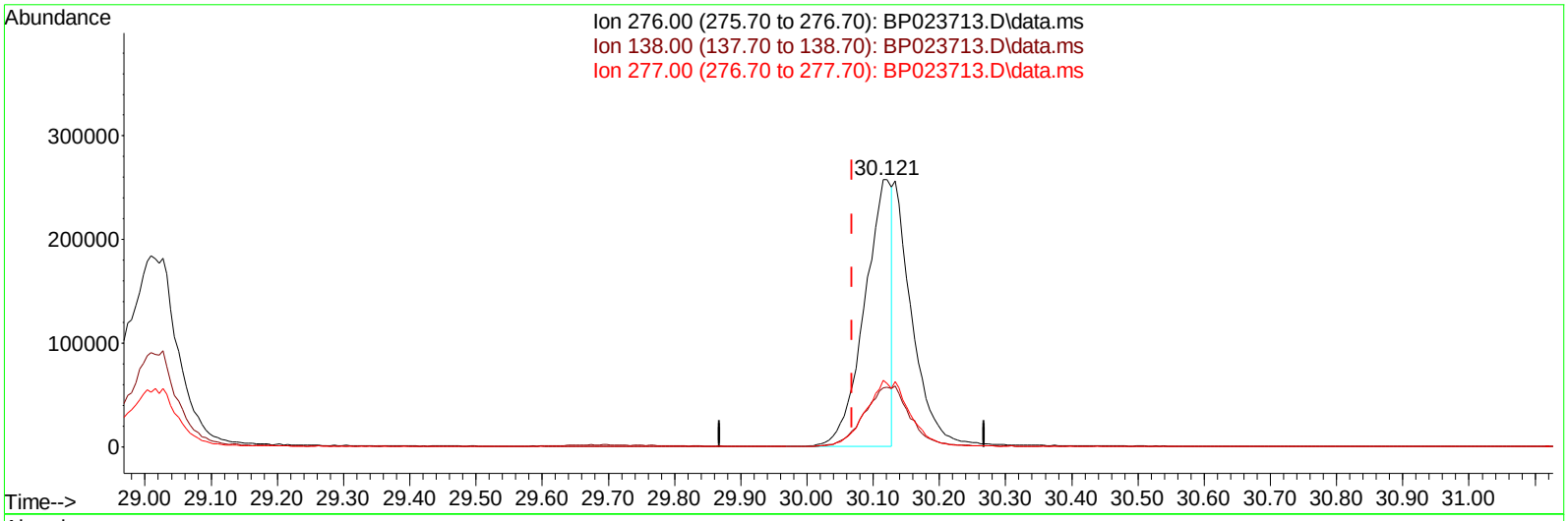
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
Data File : BP023713.D
Acq On : 24 Jan 2025 12:49
Operator : RC/JU
Sample : Q1148-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

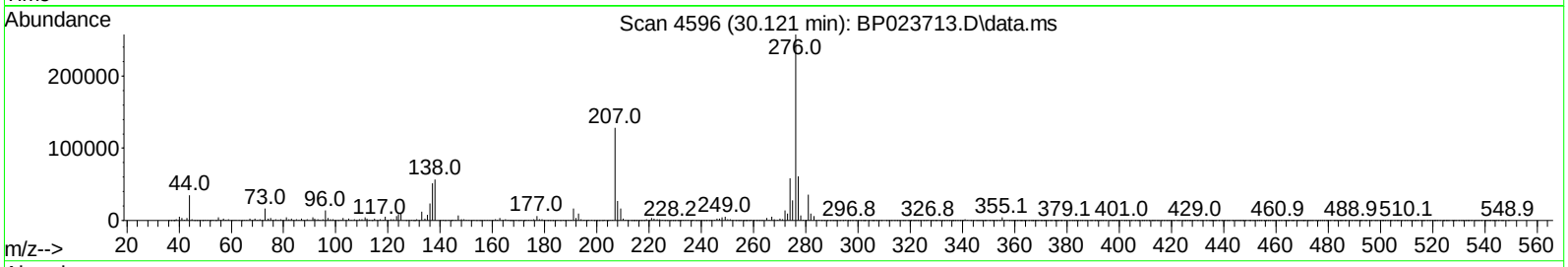
Quant Time: Jan 25 01:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

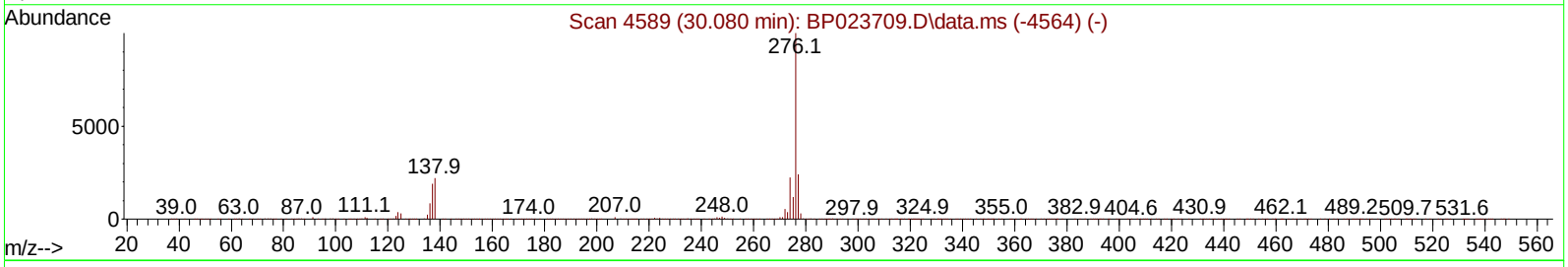
**Instrument :**
BNA_P
**ClientSampleId :**
XA173DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025




TIC: BP023713.D\data.ms

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

**30.121min (+ 0.053) 3.98 ng/ul**

**response 729021**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 23.10 | 22.21 |
| 277.00 | 23.80 | 23.64 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

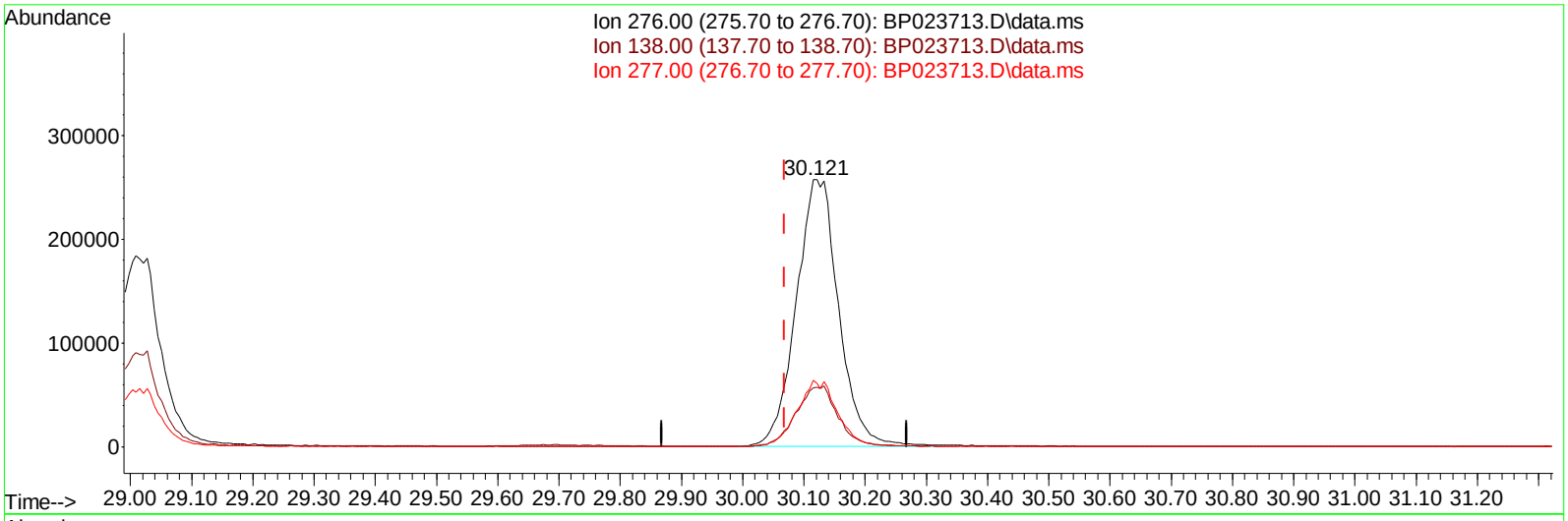
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
Data File : BP023713.D
Acq On : 24 Jan 2025 12:49
Operator : RC/JU
Sample : Q1148-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

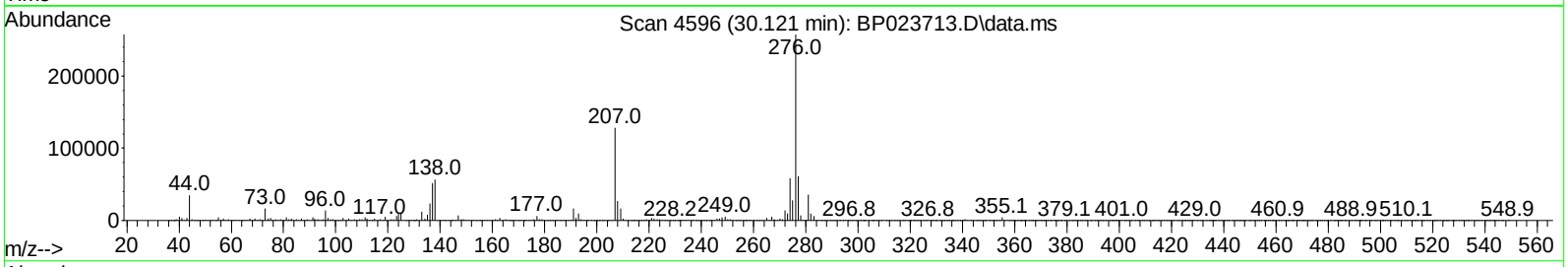
Quant Time: Jan 24 23:02:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

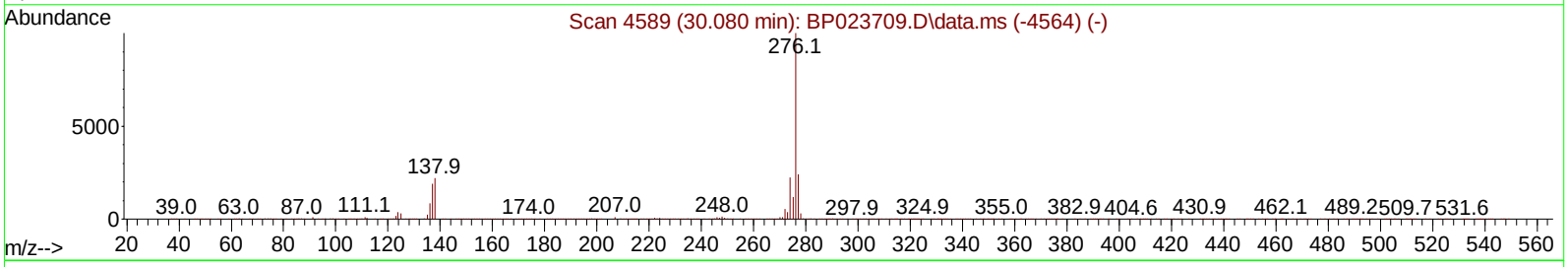
**Instrument :**
BNA_P
**ClientSampleId :**
XA173DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025




TIC: BP023713.D\data.ms

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

**30.121min (+ 0.053) 6.79 ng/ul m**

**response 1245428**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 23.10 | 22.21 |
| 277.00 | 23.80 | 23.64 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
Data File : BP023713.D
Acq On : 24 Jan 2025 12:49
Operator : RC/JU
Sample : Q1148-04DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 24 23:02:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
XA173DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.758 | 152 | 598727 | 20.000 | ng/ul | -0.04 |
| 20) Naphthalene-d8 | 10.540 | 136 | 2462794 | 20.000 | ng/ul | -0.04 |
| 38) Acenaphthene-d10 | 14.404 | 164 | 1524950 | 20.000 | ng/ul | -0.02 |
| 64) Phenanthrene-d10 | 17.222 | 188 | 3019372 | 20.000 | ng/ul | 0.01 |
| 79) Chrysene-d12 | 21.663 | 240 | 3334722 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 25.068 | 264 | 3428921 | 20.000 | ng/ul | 0.04 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.281 | 96 | 11622 | 0.782 | ng/uL | -0.02 |
| 4) Pyridine-d5 | 3.699 | 84 | 15256 | 0.356 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.922 | 99 | 211222 | 4.169 | ng/ul | -0.04 |
| 9) Bis-(2-Chloroethyl)eth... | 7.087 | 67 | 128749 | 4.499 | ng/ul | -0.04 |
| 11) 2-Chlorophenol-d4 | 7.293 | 132 | 174443 | 4.529 | ng/ul | -0.04 |
| 15) 4-Methylphenol-d8 | 8.446 | 113 | 166586 | 4.182 | ng/ul | -0.04 |
| 21) Nitrobenzene-d5 | 8.899 | 128 | 82866 | 4.466 | ng/ul | -0.04 |
| 24) 2-Nitrophenol-d4 | 9.622 | 143 | 70775 | 4.160 | ng/ul | -0.04 |
| 28) 2,4-Dichlorophenol-d3 | 10.157 | 165 | 195174 | 5.458 | ng/ul | -0.04 |
| 31) 4-Chloroaniline-d4 | 10.669 | 131 | 224311 | 3.923 | ng/ul | -0.03 |
| 46) Dimethylphthalate-d6 | 13.810 | 166 | 591862 | 5.397 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.093 | 160 | 663616 | 5.228 | ng/ul | -0.02 |
| 54) 4-Nitrophenol-d4 | 14.598 | 143 | 100060 | 4.541 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.422 | 176 | 541314 | 5.766 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.534 | 200 | 43801 | 2.946 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.328 | 188 | 929992 | 6.416 | ng/ul | 0.02 |
| 81) Pyrene-d10 | 19.686 | 212 | 1098612 | 6.474 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.833 | 264 | 1090639 | 6.355 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 6.946 | 94 | 364479 | 6.875 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.181 | 93 | 1678814 | 40.708 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.328 | 128 | 748382 | 18.330 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.552 | 70 | 1236203 | 41.764 | ng/ul | 98 |
| 19) Hexachloroethane | 8.834 | 117 | 444887 | 26.661 | ng/ul | 99 |
| 22) Nitrobenzene | 8.940 | 77 | 329925 | 7.610 | ng/ul | 99 |
| 23) Isophorone | 9.469 | 82 | 2917895 | 35.387 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.652 | 139 | 175595 | 8.792 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.952 | 93 | 2063754 | 38.625 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.181 | 162 | 810004 | 21.912 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.881 | 225 | 684950 | 29.436 | ng/ul | 98 |
| 35) 4-Chloro-3-methylphenol | 11.816 | 107 | 334364 | 8.732 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.210 | 142 | 993236 | 11.098 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 12.810 | 196 | 1076375 | 40.419 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.887 | 196 | 266627 | 9.065 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.969 | 165 | 1060747 | 54.016 | ng/ul | 99 |
| 50) Acenaphthylene | 14.122 | 152 | 563662 | 4.096 | ng/ul | 99 |
| 52) Acenaphthene | 14.481 | 153 | 2377283 | 24.432 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.610 | 109 | 356247 | 22.029 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.769 | 165 | 1048903 | 35.701 | ng/ul | 100 |
| 61) Fluorene | 15.481 | 166 | 4321361 | 38.747 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.481 | 204 | 674089 | 12.348 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.392 | 248 | 299331 | 9.260 | ng/ul | 97 |

Quantitation Report (QT/LSC Reviewed)

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Operator : RC/JU
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ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 24 23:02:47 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 23 00:03:00 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
XA173DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 69) Hexachlorobenzene | 16.516 | 284 | 2064541 | 52.482 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.857 | 266 | 1268807 | 53.396 | ng/ul | 99 |
| 72) Phenanthrene | 17.263 | 178 | 1780145 | 10.435 | ng/ul | 99 |
| 74) Anthracene | 17.363 | 178 | 1732632 | 10.225 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.239 | 149 | 7465490 | 44.080 | ng/ul | 100 |
| 80) Fluoranthene | 19.345 | 202 | 7399787 | 38.353 | ng/ul | 98 |
| 82) Pyrene | 19.716 | 202 | 3318460 | 15.836 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.680 | 149 | 765759 | 10.132 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.651 | 228 | 6508591 | 30.787 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.616 | 149 | 5436853 | 48.241 | ng/ul | 98 |
| 87) Chrysene | 21.722 | 228 | 9467152 | 47.833 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 24.004 | 252 | 8888656 | 43.637 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.910 | 252 | 1663032 | 8.675 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.915 | 276 | 1738348m | 7.295 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 29.027 | 278 | 3674724m | 18.984 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 30.121 | 276 | 1245428m | 6.794 | ng/ul | |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
Data File : BP023713.D
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