Quantitation Report (Qedit)

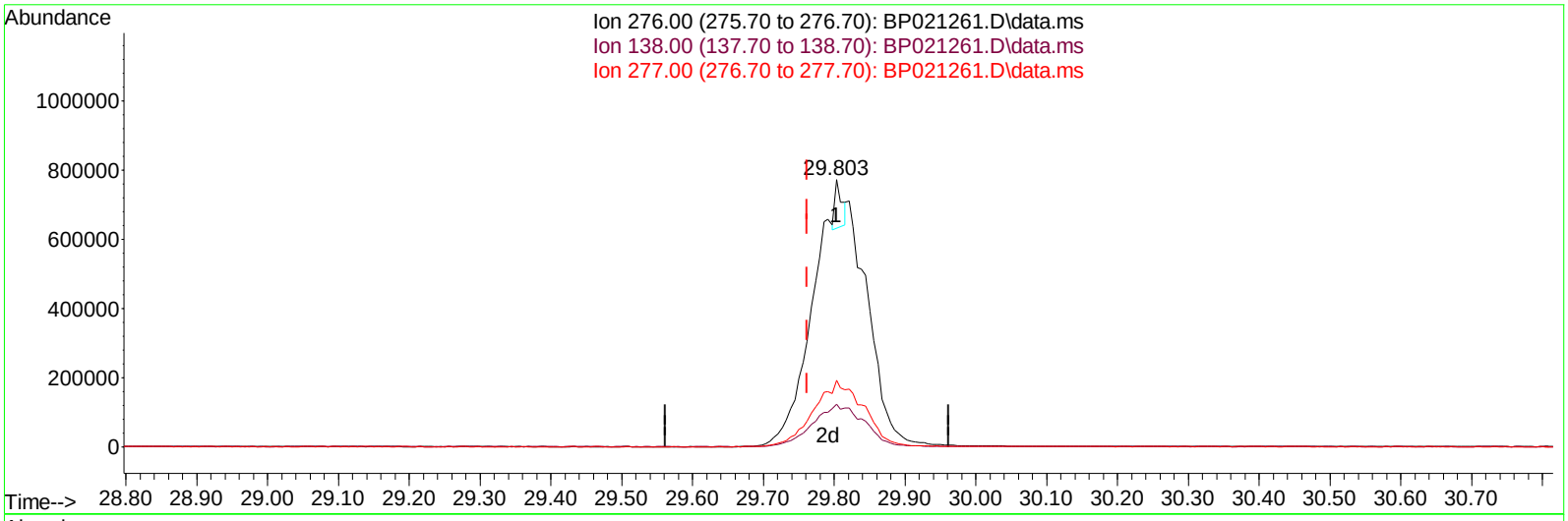
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021261.D
Acq On : 31 Jul 2024 14:46
Operator : CG/JU
Sample : P3265-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

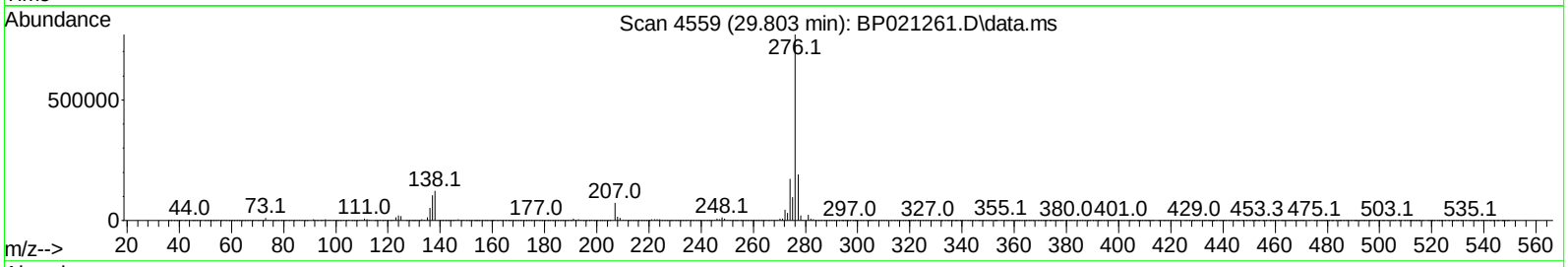
Quant Time: Jul 31 15:37:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

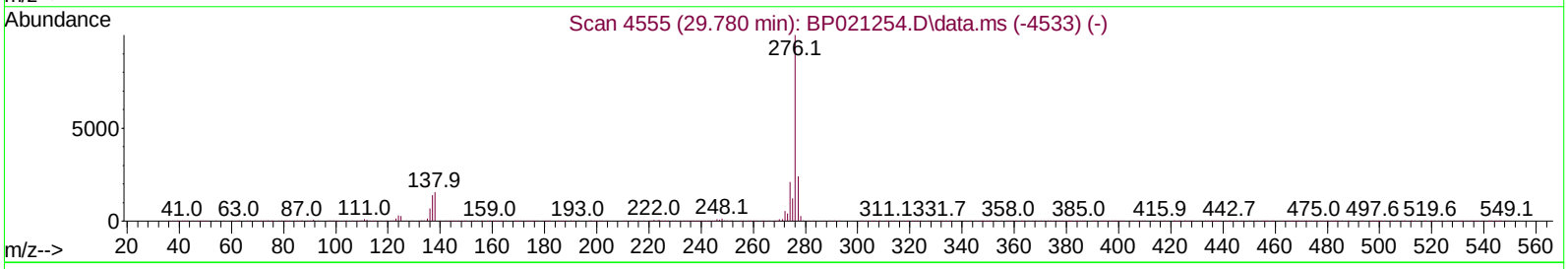
**Instrument :**
BNA_P
**ClientSampleId :**
A4DL0

**Manual IntegrationsAPPROVED**

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




TIC: BP021261.D\data.ms

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

**29.803min (+ 0.041) 1.69 ng/ul**

**response 99733**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.10 | 15.94 |
| 277.00 | 22.70 | 24.85 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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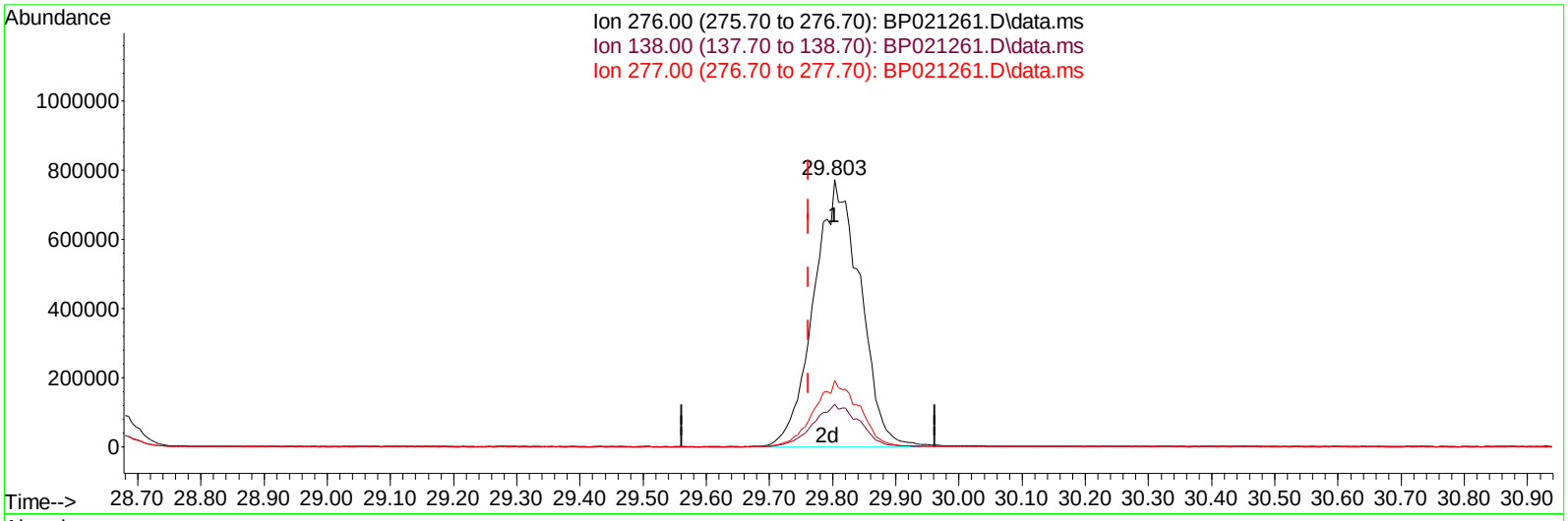


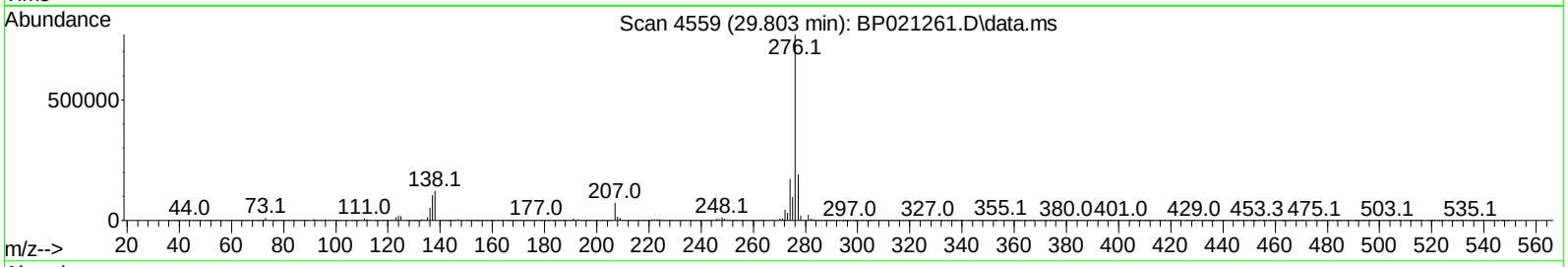


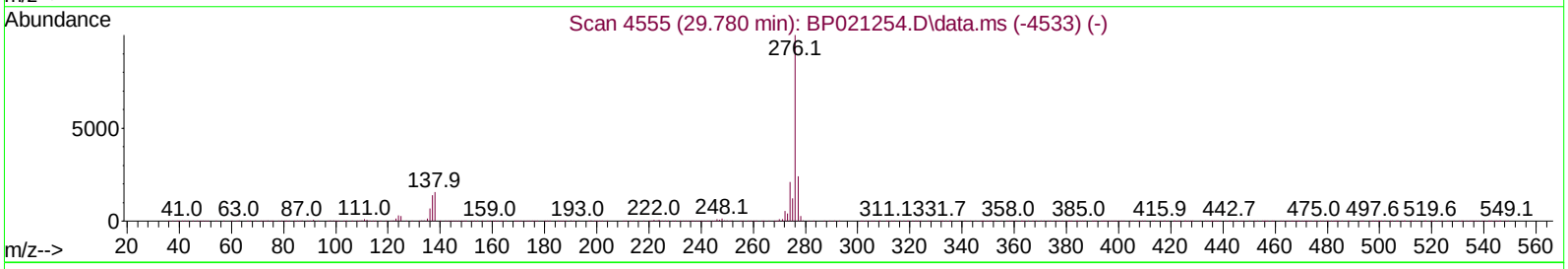


TIC: BP021261.D\data.ms

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

**29.803min (+ 0.041) 66.55 ng/ul m**

**response 3921478**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.10 | 15.94 |
| 277.00 | 22.70 | 24.85 |
| 0.00 | 0.00 | 0.00 |

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Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 15:40:51 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 :**
A4DL0

**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 | 7.628 | 152 | 157396 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.392 | 136 | 638568 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.269 | 164 | 437793 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.086 | 188 | 994278 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.545 | 240 | 968269 | 20.000 | ng/ul | # 0.01 |
| 88) Perylene-d12 | 24.850 | 264 | 979053 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.169 | 96 | 12344 | 3.569 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 6.851 | 99 | 302643 | 23.585 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.981 | 67 | 166974 | 21.471 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.181 | 132 | 257720 | 24.376 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.363 | 113 | 231154 | 21.689 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.787 | 128 | 124634 | 25.129 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.492 | 143 | 148104 | 26.089 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.039 | 165 | 359414 | 35.014 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.557 | 131 | 271409 | 19.958 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.669 | 166 | 907248 | 28.507 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 13.951 | 160 | 1023630 | 28.645 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.563 | 143 | 127016 | 28.051 | ng/ul | -0.02 |
| 60) Fluorene-d10 | 15.280 | 176 | 802721 | 30.745 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.463 | 200 | 131456 | 21.851 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.192 | 188 | 1292433 | 29.266 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.580 | 212 | 1631630 | 27.256 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.627 | 264 | 1485254 | 30.759 | ng/ul | 0.03 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 6.875 | 94 | 296342 | 22.822 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.075 | 93 | 1255953 | 117.088 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.216 | 128 | 1028636 | 97.074 | ng/ul | 95 |
| 17) N-Nitroso-di-n-propyla... | 8.428 | 70 | 1034915 | 120.078 | ng/ul | 92 |
| 23) Isophorone | 9.351 | 82 | 3029480 | 128.259 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.522 | 139 | 433814 | 73.272 | ng/ul | 95 |
| 29) 2,4-Dichlorophenol | 10.069 | 162 | 1922914 | 190.078 | ng/ul | 98 |
| 30) Naphthalene | 10.445 | 128 | 4494796 | 133.817 | ng/ul | 99 |
| 35) 4-Chloro-3-methylphenol | 11.722 | 107 | 301018 | 27.374 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.057 | 142 | 3394975 | 147.244 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.692 | 196 | 299625 | 33.351 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.775 | 196 | 614015 | 64.597 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.880 | 165 | 1812914 | 280.807 | ng/ul | 90 |
| 50) Acenaphthylene | 13.986 | 152 | 3855294 | 95.286 | ng/ul | 100 |
| 52) Acenaphthene | 14.333 | 153 | 3696403 | 137.646 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.580 | 109 | 182954 | 49.671 | ng/ul | 90 |
| 56) Dibenzofuran | 14.675 | 168 | 2880832 | 78.338 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.680 | 165 | 617660 | 69.694 | ng/ul# | 98 |
| 59) Diethylphthalate | 15.122 | 149 | 5183412 | 160.616 | ng/ul | 97 |
| 61) Fluorene | 15.339 | 166 | 2983921 | 99.434 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.333 | 204 | 1649450 | 101.294 | ng/ul | 95 |
| 68) 4-Bromophenyl-phenylether | 16.251 | 248 | 862269 | 73.989 | ng/ul | 94 |
| 71) Pentachlorophenol | 16.739 | 266 | 1020291 | 140.584 | ng/ul | 98 |

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**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) |
|---|---|---|---|---|---|---|
| 72) Phenanthrene | 17.133 | 178 | 2472563 | 47.937 | ng/ul | 100 |
| 74) Anthracene | 17.227 | 178 | 5852908 | 111.308 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.092 | 149 | 6410919 | 108.101 | ng/ul | 100 |
| 80) Fluoranthene | 19.233 | 202 | 5548098 | 76.745 | ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.551 | 149 | 592681 | 19.337 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.527 | 228 | 4163334 | 61.381 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.445 | 149 | 10034136 | 227.487 | ng/ul# | 94 |
| 89) Di-n-octyl phthalate | 22.686 | 149 | 9123619 | 141.065 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.809 | 252 | 2996643 | 50.437 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.868 | 252 | 2316972 | 39.076 | ng/ul# | 98 |
| 93) Benzo(a)pyrene | 24.698 | 252 | 2025940 | 36.084 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 28.674 | 278 | 1585242 | 26.460 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 29.803 | 276 | 3921478m | 66.555 | ng/ul | |

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

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