Quantitation Report (Qedit)

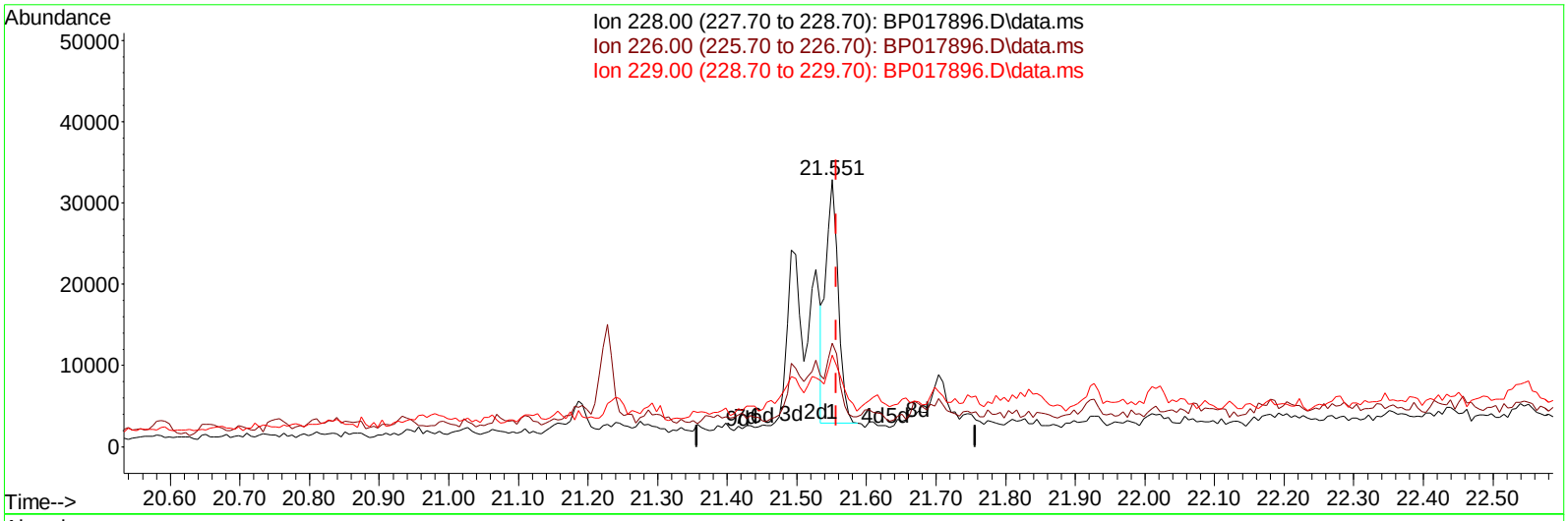
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017896.D
Acq On : 02 Nov 2023 20:36
Operator : MA/JU
Sample : 05060-15
Misc :
ALS Vial : 51 Sample Multiplier: 1

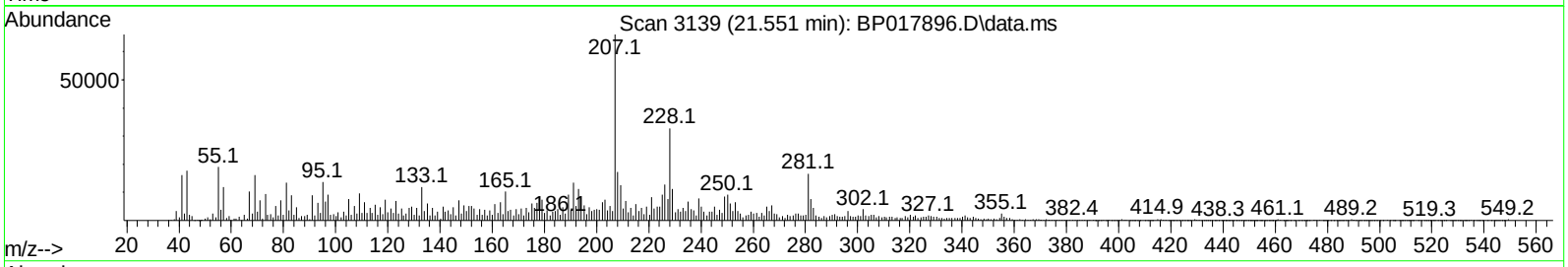
Quant Time: Nov 03 00:36:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

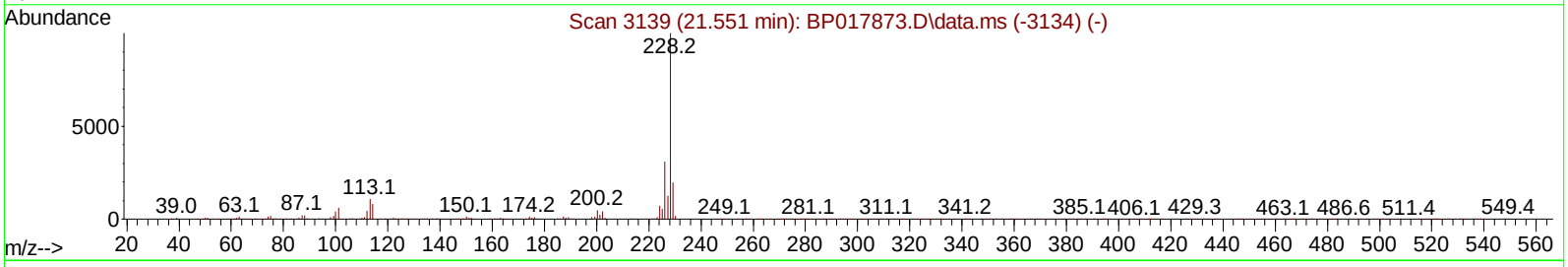
**Instrument :**
BNA_P
**ClientSampleId :**
DCKH3

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023




TIC: BP017896.D\data.ms

**(87) Chrysene**

**21.551min (-0.006) 0.82 ng/ul**

**response 37214**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.00 | 38.92# |
| 229.00 | 19.40 | 34.41# |
| 0.00 | 0.00 | 0.00 |

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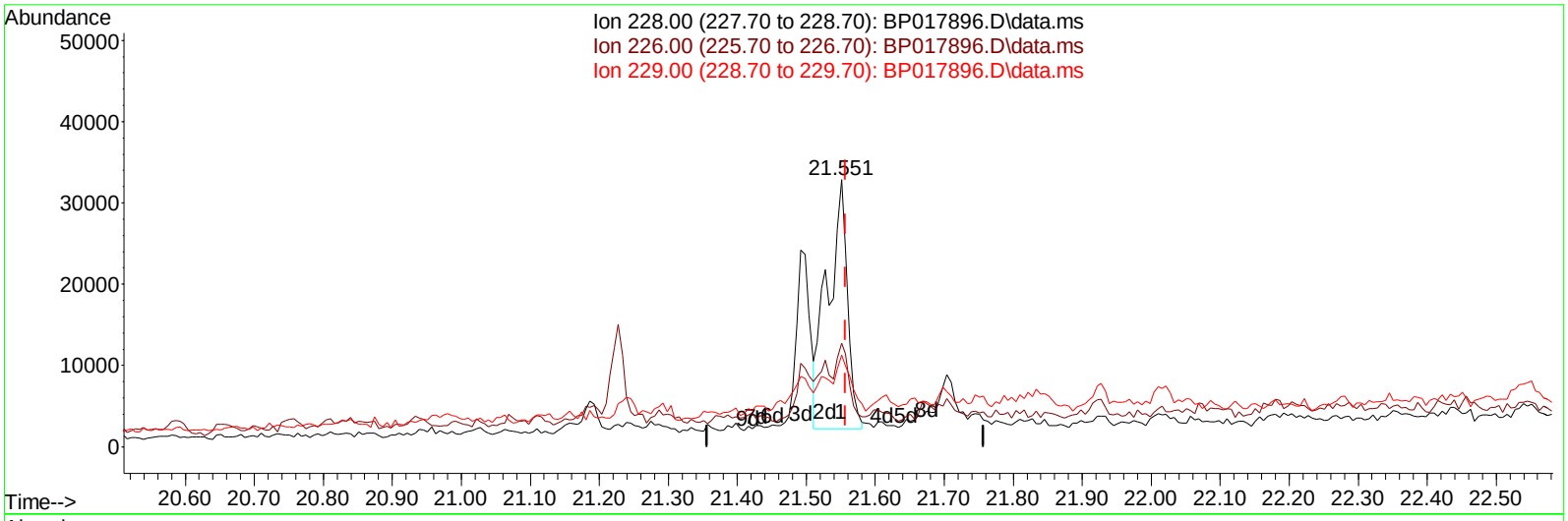


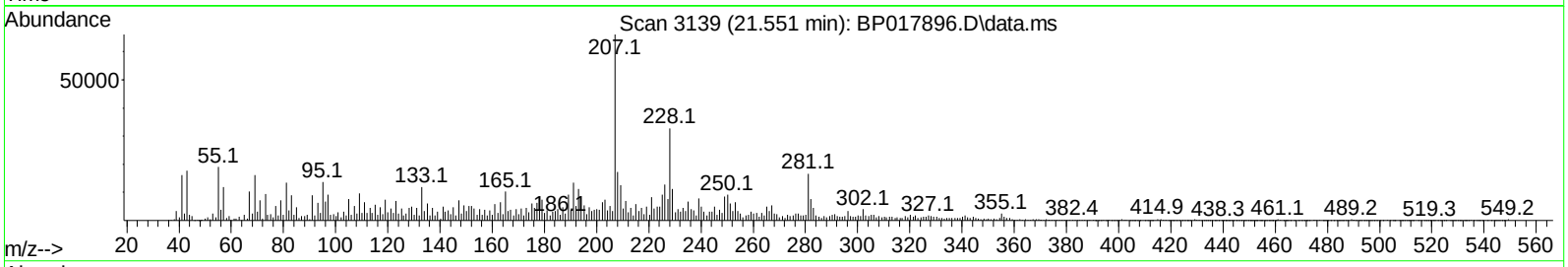


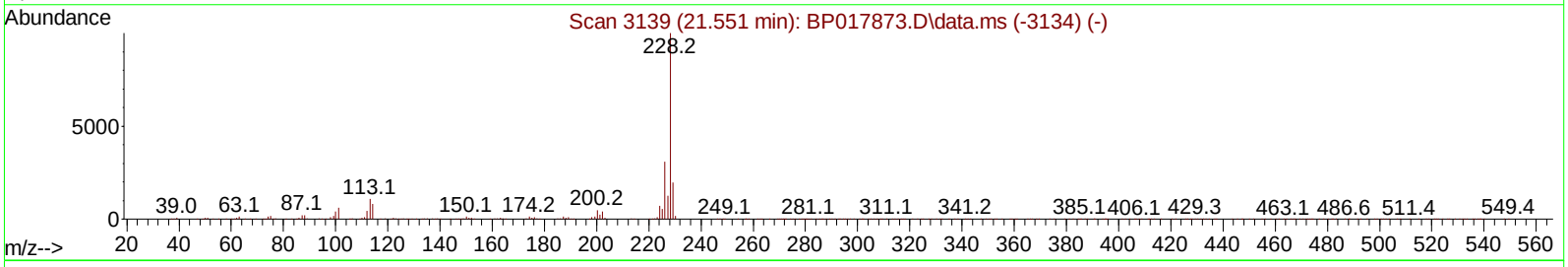


TIC: BP017896.D\data.ms

**(87) Chrysene**

**21.551min (-0.006) 1.36 ng/ul m**

**response 61266**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.00 | 38.92# |
| 229.00 | 19.40 | 34.41# |
| 0.00 | 0.00 | 0.00 |

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Acq On : 02 Nov 2023 20:36
Operator : MA/JU
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
DCKH3

**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 11/04/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.875 | 152 | 137355 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.704 | 136 | 581135 | 20.000 | ng/ul | -0.02 |
| 38) Acenaphthene-d10 | 14.569 | 164 | 347483 | 20.000 | ng/ul | -0.02 |
| 64) Phenanthrene-d10 | 17.363 | 188 | 711907 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.510 | 240 | 628581 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.069 | 264 | 715496 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.270 | 96 | 8943 | 2.422 | ng/uL | 0.01 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 7.040 | 99 | 171567 | 15.010 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.222 | 67 | 111397 | 15.781 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.399 | 132 | 143221 | 15.363 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.599 | 113 | 112609 | 12.546 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 9.081 | 128 | 77054 | 16.363 | ng/ul | -0.02 |
| 24) 2-Nitrophenol-d4 | 9.799 | 143 | 87613 | 16.839 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.328 | 165 | 154884 | 15.175 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.893 | 131 | 55309 | 4.141 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.987 | 166 | 494436 | 16.950 | ng/ul | -0.02 |
| 49) Acenaphthylene-d8 | 14.269 | 160 | 532646 | 16.374 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.840 | 143 | 39361 | 9.470 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.575 | 176 | 427005 | 16.934 | ng/ul | -0.02 |
| 65) 4,6-Dinitro-2-methylph... | 15.728 | 200 | 44525 | 9.495 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.463 | 188 | 667567 | 18.350 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.728 | 212 | 782769 | 19.863 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.898 | 264 | 730799 | 18.338 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 74) Anthracene | 17.504 | 178 | 43136 | 1.021 | ng/ul | 97 |
| 80) Fluoranthene | 19.392 | 202 | 46964 | 1.037 | ng/ul | 97 |
| 82) Pyrene | 19.757 | 202 | 53493 | 1.115 | ng/ul# | 94 |
| 87) Chrysene | 21.551 | 228 | 61266m | 1.356 | ng/ul | |
| 90) Benzo(b)fluoranthene | 23.274 | 252 | 115866 | 2.379 | ng/ul# | 77 |
| 94) Indeno(1,2,3-cd)pyrene | 26.786 | 276 | 54674 | 1.003 | ng/ul# | 90 |
| 96) Benzo(g,h,i)perylene | 27.633 | 276 | 64518 | 1.470 | ng/ul# | 86 |

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

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