Quantitation Report (Qedit)

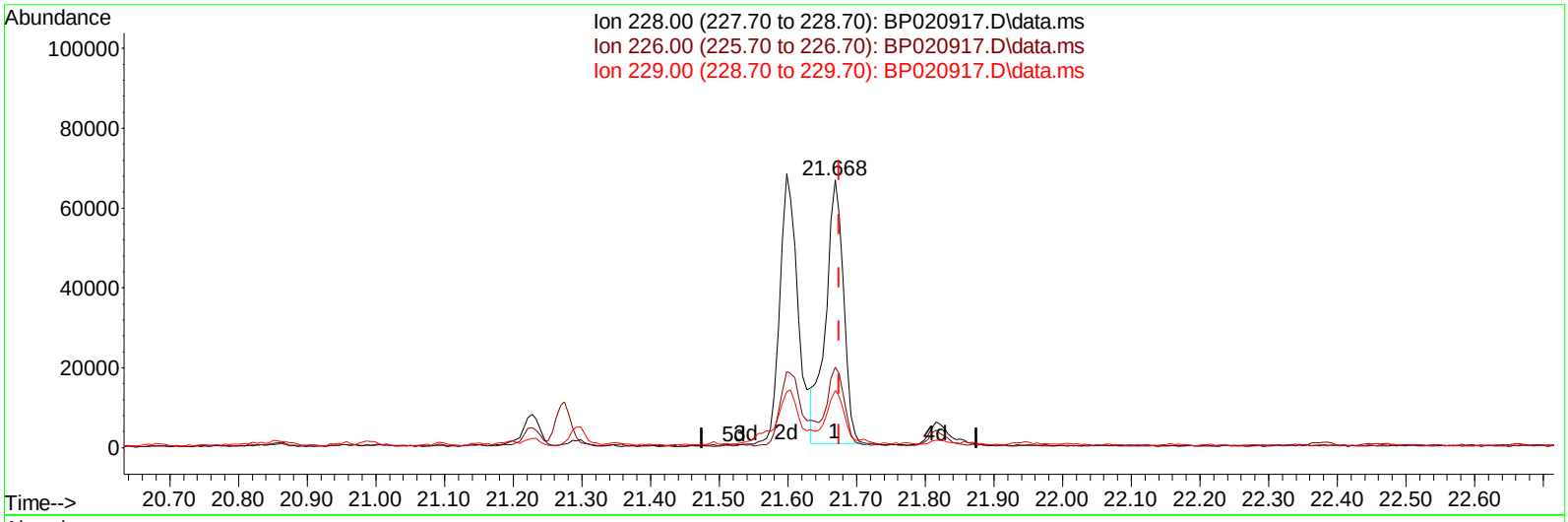
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020917.D
Acq On : 12 Jul 2024 01:25
Operator : MA/JU
Sample : P3087-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

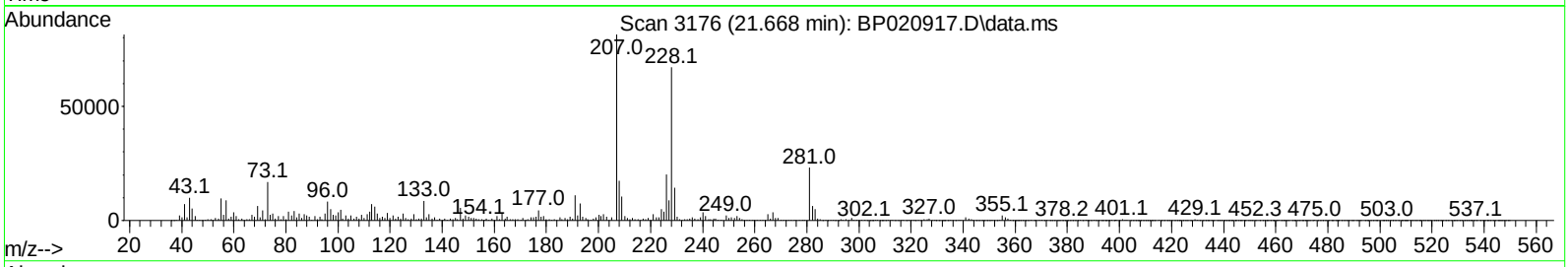
Quant Time: Jul 12 03:46:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

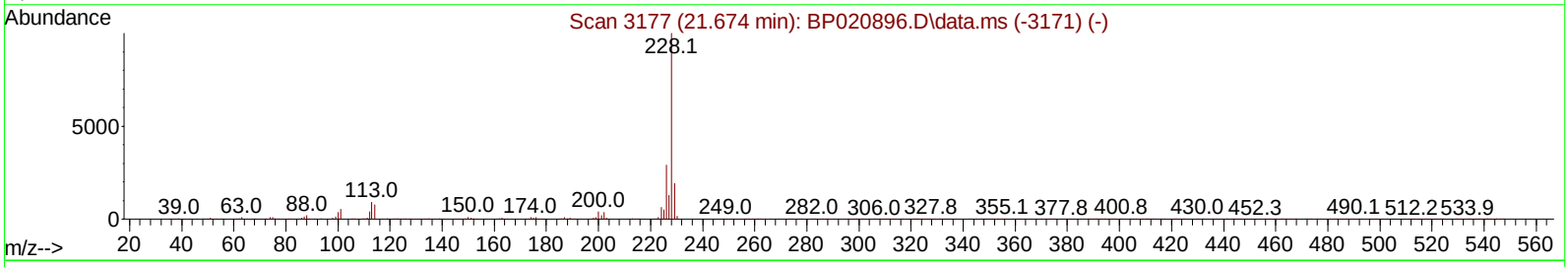
Instrument :
BNA_P
ClientSampleId :
A4CB5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024







TIC: BP020917.D\data.ms

(87) Chrysene

21.668min (-0.006) 1.46 ng/ul

response 119628

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	29.99
229.00	19.40	21.45
0.00	0.00	0.00

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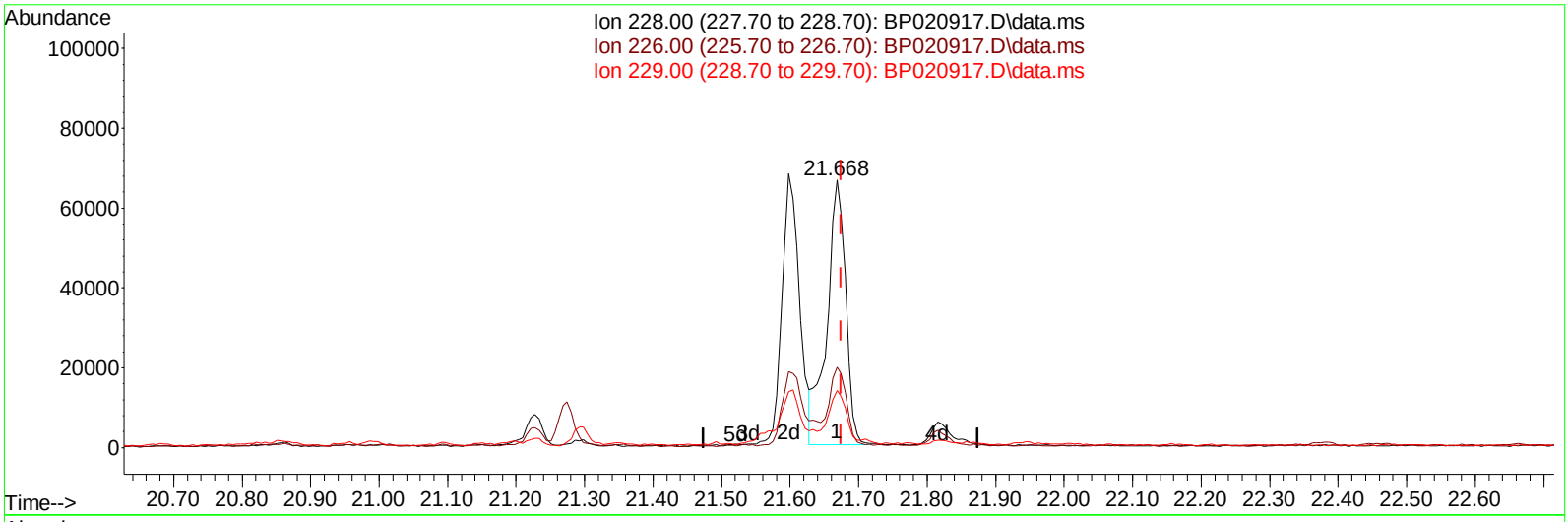

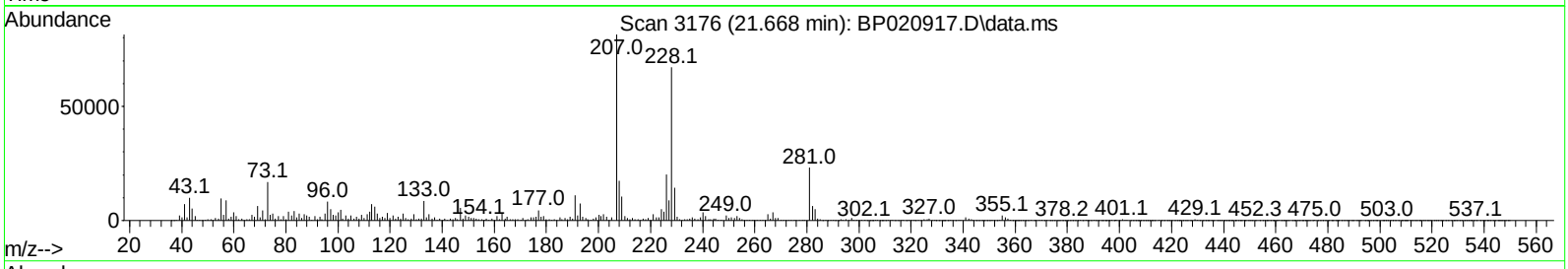

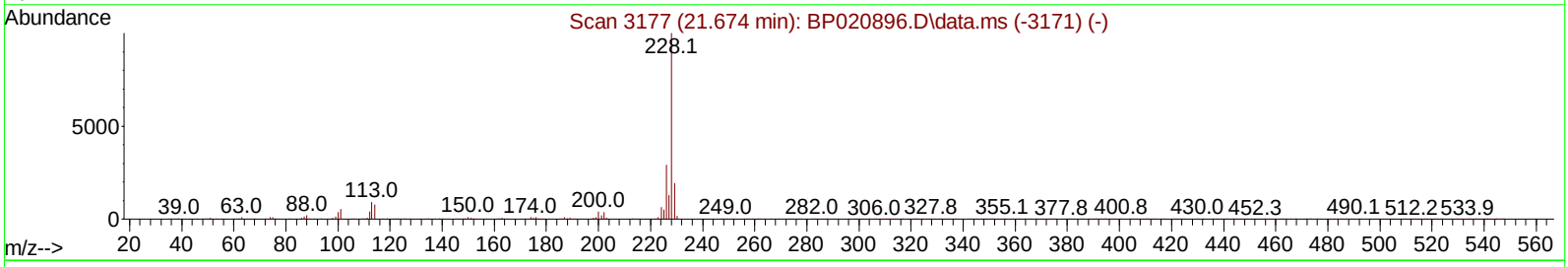

TIC: BP020917.D\data.ms

(87) Chrysene

21.668min (-0.006) 1.54 ng/ul m

response 125996

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	29.99
229.00	19.40	21.45
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	220548	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.487	136	933007	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	623993	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	1309090	20.000	ng/ul	-0.02
79) Chrysene-d12	21.621	240	1260170	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	1408818	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	18129	3.741	ng/uL	0.00
4) Pyridine-d5	3.669	84	212779	15.165	ng/ul	0.00
7) Phenol-d5	6.916	99	448273	24.931	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	269812	24.761	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	372934	25.174	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	358164	23.983	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	184065	25.400	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	213715	25.766	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	386491	25.769	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	353739	17.803	ng/ul	-0.01
46) Dimethylphthalate-d6	13.757	166	1250690	27.572	ng/ul	-0.01
49) Acenaphthylene-d8	14.039	160	1375364	27.003	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.610	143	177412	27.489	ng/ul	0.00
60) Fluorene-d10	15.357	176	1057656	28.421	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.504	200	165993	20.957	ng/ul	0.00
73) Anthracene-d10	17.263	188	1657096	28.500	ng/ul	-0.01
81) Pyrene-d10	19.651	212	1991551	25.563	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.745	264	2000338	28.789	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.204	178	96090	1.415	ng/ul	99
80) Fluoranthene	19.304	202	232398	2.470	ng/ul#	96
82) Pyrene	19.680	202	219952	2.297	ng/ul	96
85) Benzo(a)anthracene	21.598	228	121780	1.380	ng/ul	98
87) Chrysene	21.668	228	125996m	1.536	ng/ul	
90) Benzo(b)fluoranthene	23.904	252	168882	1.975	ng/ul#	90
93) Benzo(a)pyrene	24.815	252	116991	1.448	ng/ul#	94
96) Benzo(g,h,i)perylene	29.956	276	87454	1.031	ng/ul#	91

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

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