Quantitation Report (Qedit)

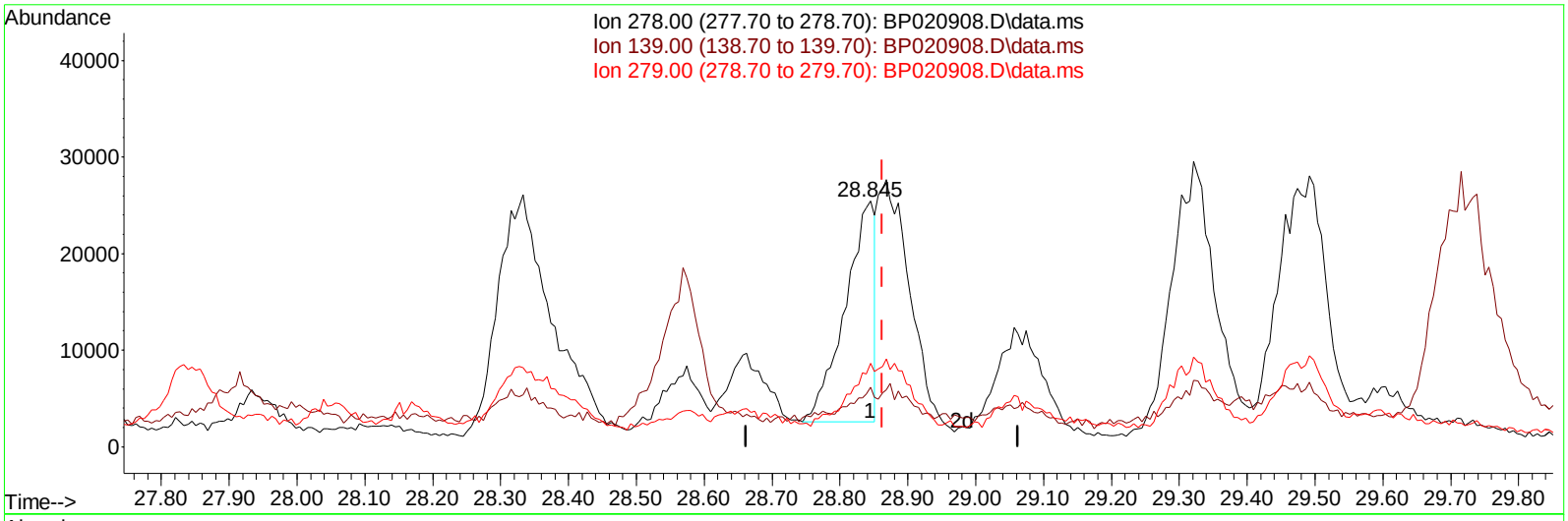
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020908.D
Acq On : 11 Jul 2024 18:08
Operator : MA/JU
Sample : P3088-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

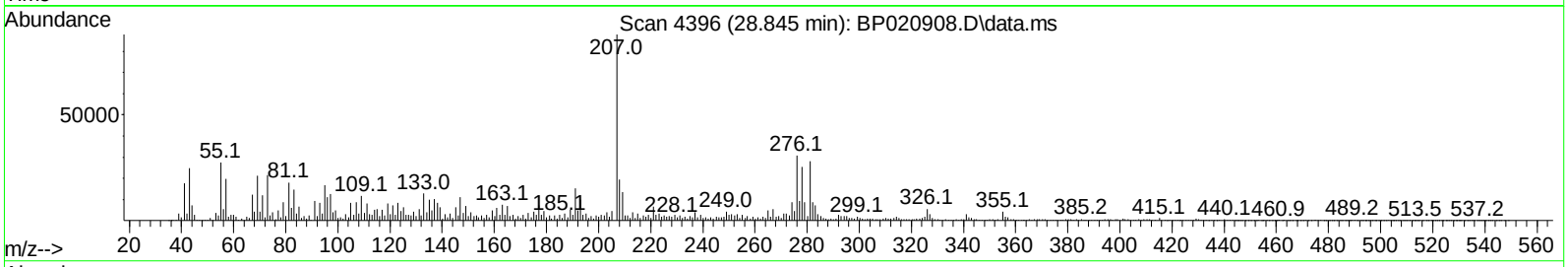
Quant Time: Jul 11 23:05:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

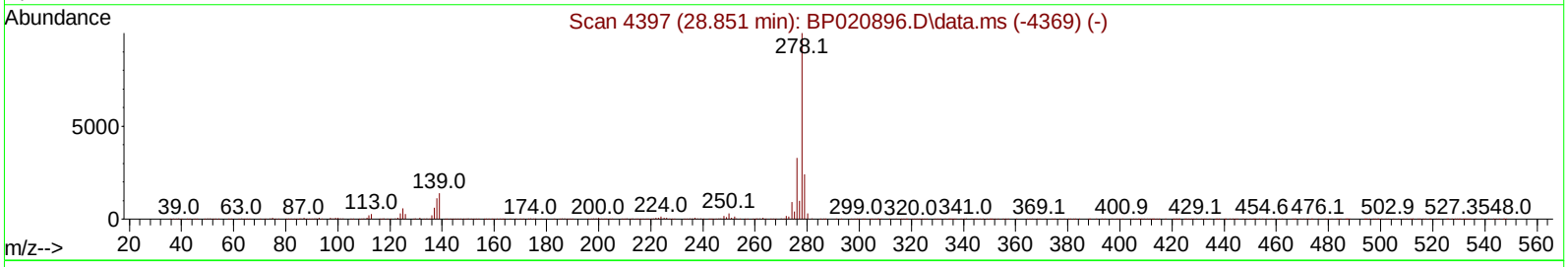
Instrument :
BNA_P
ClientSampleId :
A4D12

Manual IntegrationsAPPROVED

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







TIC: BP020908.D\data.ms

(95) Dibenzo(a,h)anthracene

28.845min (-0.017) 1.14 ng/ul

response 69596

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	24.20#
279.00	24.20	34.08#
0.00	0.00	0.00

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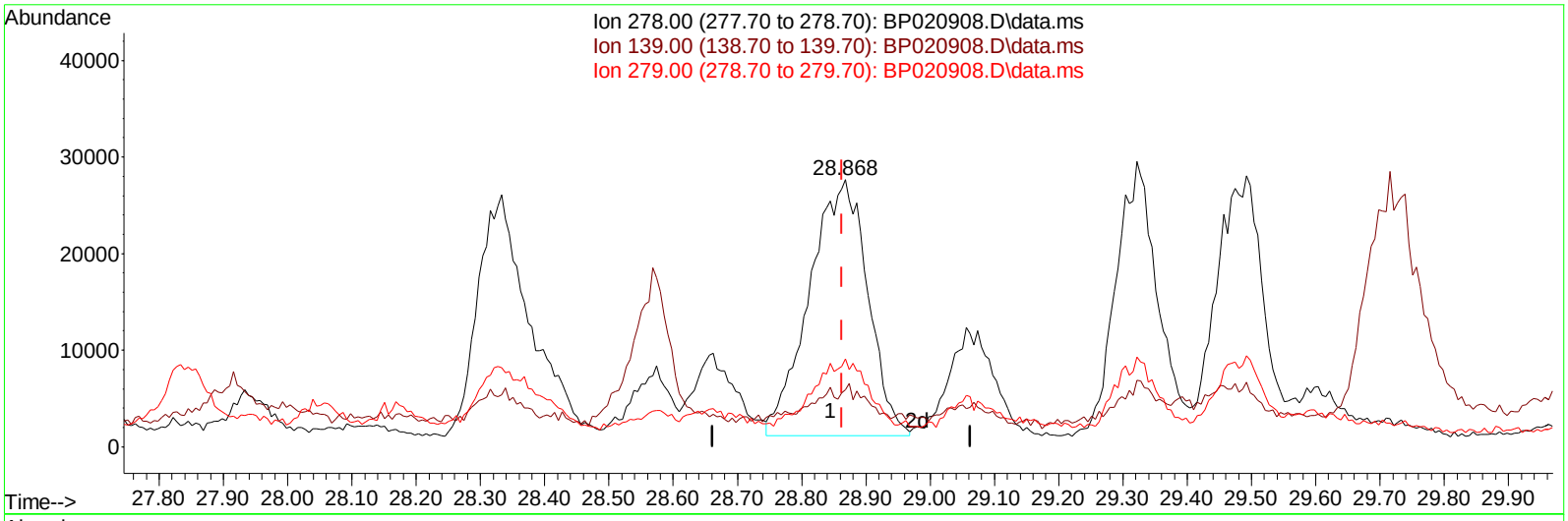

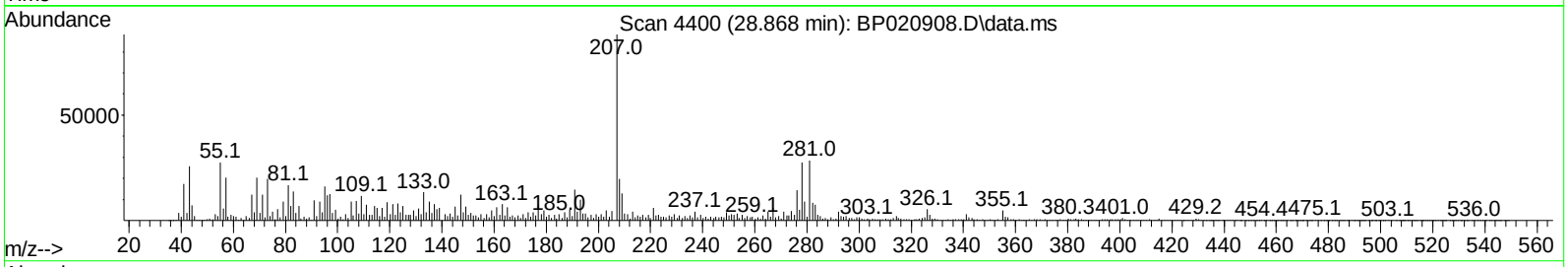

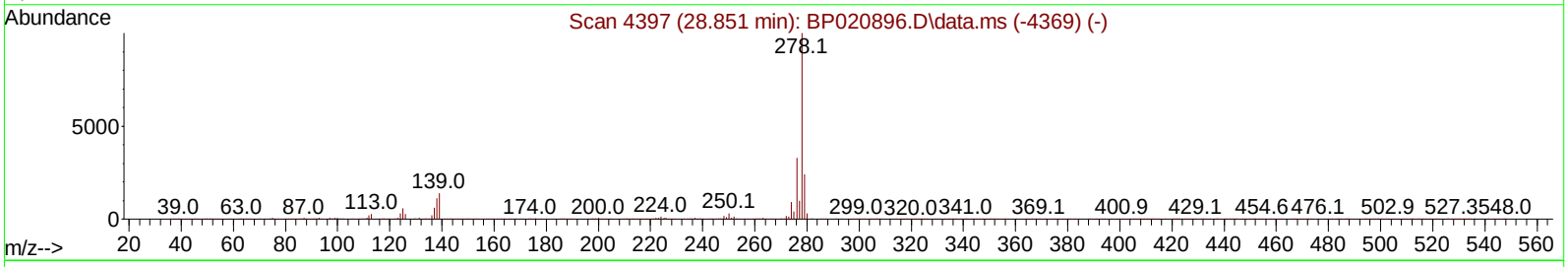

TIC: BP020908.D\data.ms

(95) Dibenzo(a,h)anthracene

28.868min (+ 0.006) 2.73 ng/ul m

response 166768

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	21.36#
279.00	24.20	32.90#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	181168	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	713432	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	441799	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.169	188	928731	20.000	ng/ul	-0.01
79) Chrysene-d12	21.616	240	849748	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	999487	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	18881	4.743	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.917	99	381458	25.826	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	253366	28.306	ng/ul	0.00
11) 2-Chlorophenol-d4	7.264	132	340254	27.960	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	292830	23.871	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	161398	29.126	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	187474	29.559	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	312781	27.273	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.763	166	949896	29.577	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	1059324	29.375	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.616	143	129044	28.240	ng/ul	0.00
60) Fluorene-d10	15.369	176	809878	30.738	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	122654	21.827	ng/ul	0.00
73) Anthracene-d10	17.263	188	1249753	30.297	ng/ul	-0.01
81) Pyrene-d10	19.645	212	1192659	22.702	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	866975	17.588	ng/ul	-0.01
Target Compounds						Qvalue
6) Benzaldehyde	6.893	77	112232	15.072	ng/ul	93
16) Acetophenone	8.540	105	21824	1.153	ng/ul	95
50) Acenaphthylene	14.075	152	77765	1.905	ng/ul	100
61) Fluorene	15.422	166	32037	1.058	ng/ul#	95
72) Phenanthrene	17.210	178	719009	14.924	ng/ul	99
74) Anthracene	17.298	178	157645	3.210	ng/ul	100
77) Carbazole	17.592	167	70556	1.757	ng/ul#	97
78) Di-n-butylphthalate	18.175	149	75438	1.362	ng/ul#	95
80) Fluoranthene	19.298	202	1436287	22.639	ng/ul	99
82) Pyrene	19.681	202	1048154	16.235	ng/ul	99
85) Benzo(a)anthracene	21.592	228	738556	12.407	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.522	149	147213	3.803	ng/ul#	98
87) Chrysene	21.663	228	821128	14.845	ng/ul	97
90) Benzo(b)fluoranthene	23.916	252	1189248	19.607	ng/ul#	96
91) Benzo(k)fluoranthene	23.974	252	397162	6.561	ng/ul#	94
93) Benzo(a)pyrene	24.821	252	397977	6.943	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.786	276	398164	5.391	ng/ul	99
95) Dibenzo(a,h)anthracene	28.868	278	166768m	2.727	ng/ul	

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

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