Quantitation Report (Qedit)

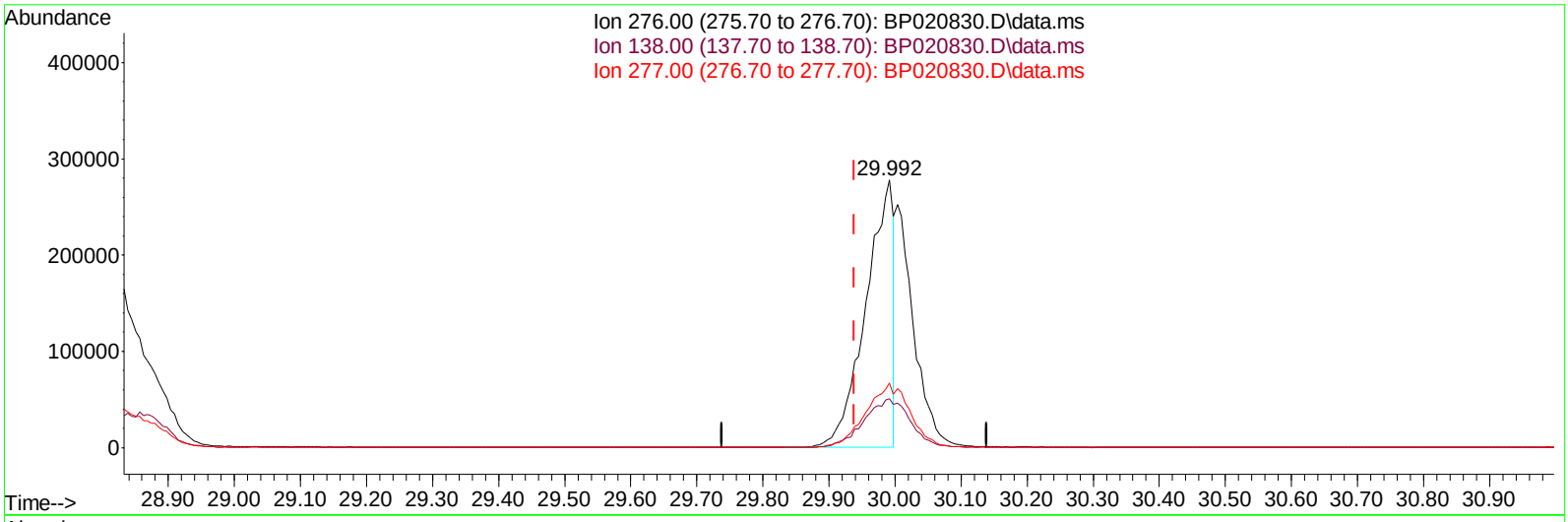
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020830.D
Acq On : 08 Jul 2024 13:00
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

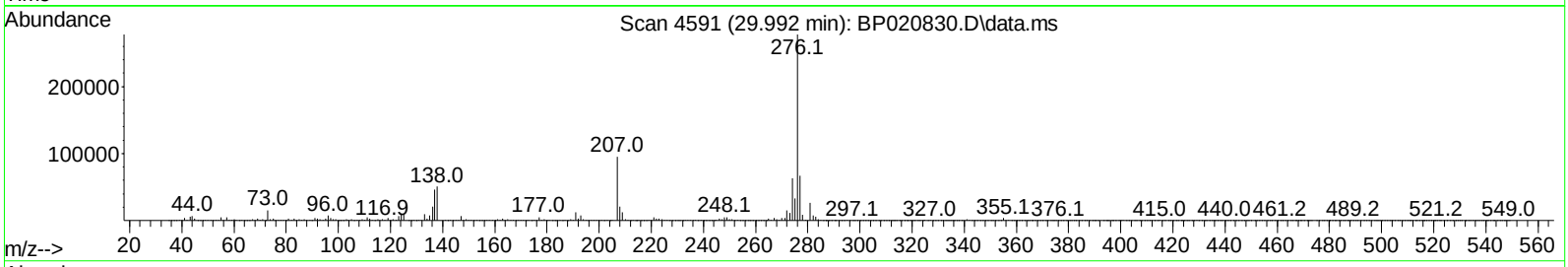
Quant Time: Jul 08 13:53:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

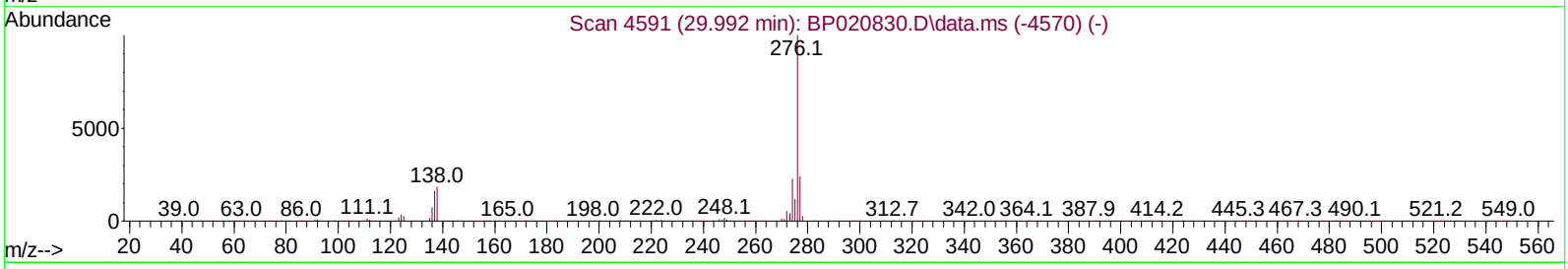
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024







TIC: BP020830.D\data.ms

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

29.992min (+ 0.053) 10.79 ng/ul

response 809663

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	18.31
277.00	23.40	24.09
0.00	0.00	0.00

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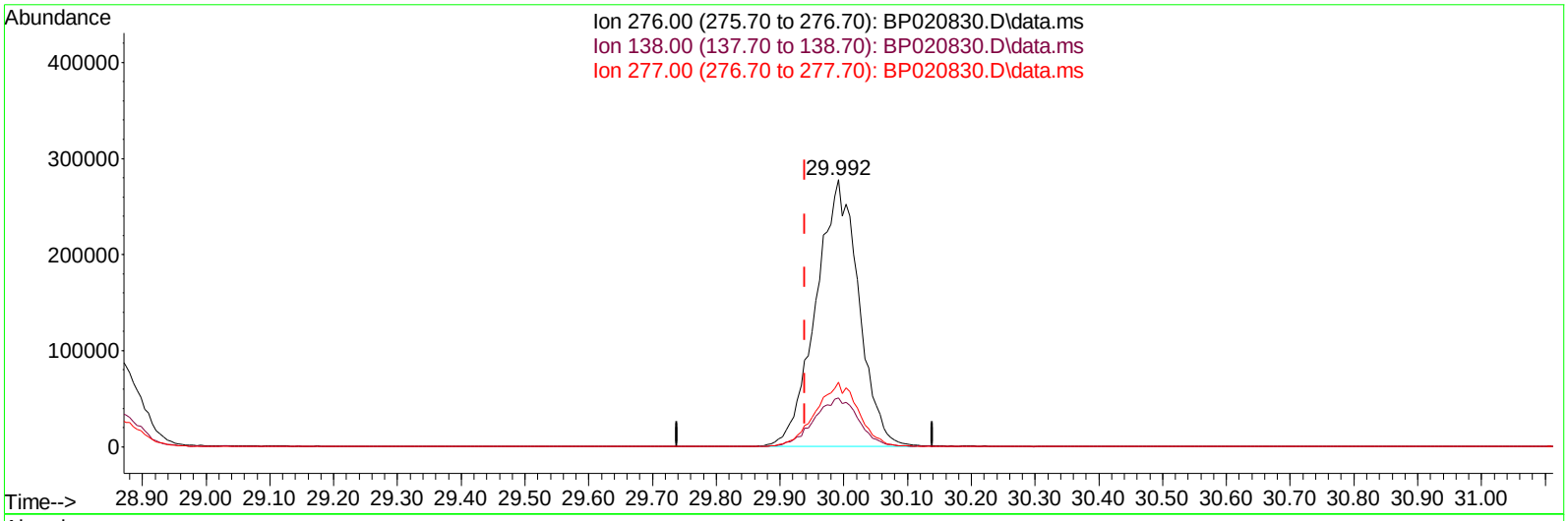

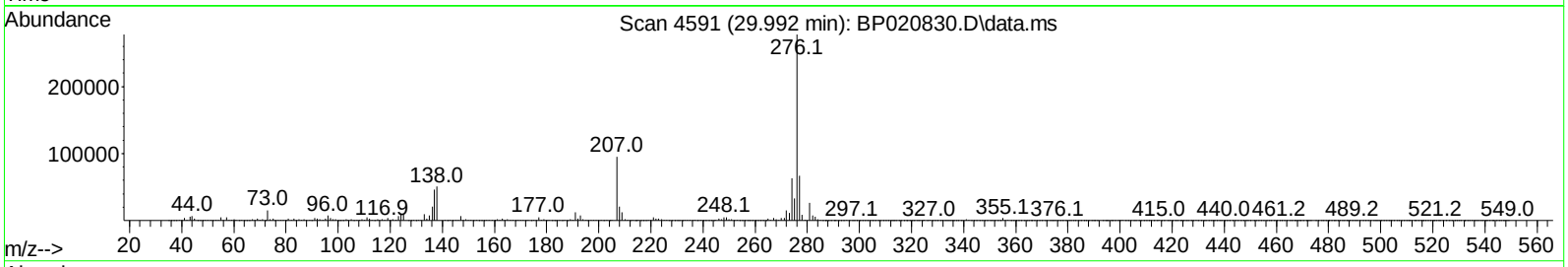

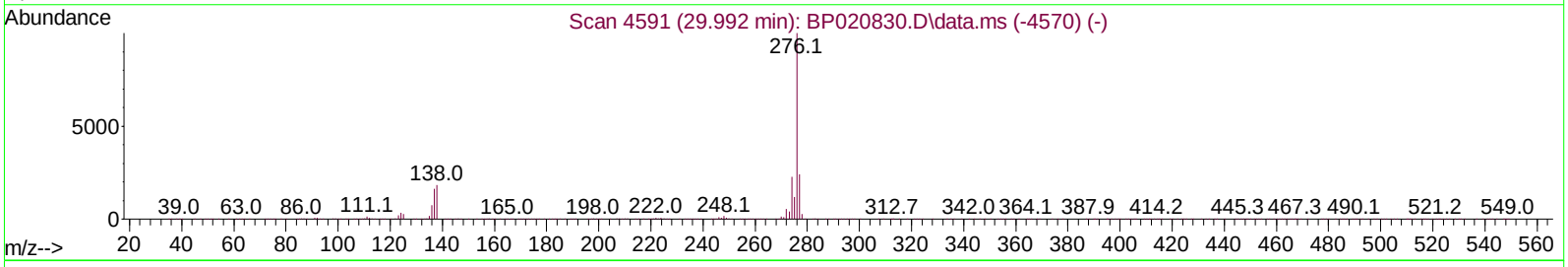

TIC: BP020830.D\data.ms

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

29.992min (+ 0.053) 17.21 ng/ul m

response 1291860

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	18.31
277.00	23.40	24.09
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	175191	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.493	136	715193	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	488641	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1065745	20.000	ng/ul	0.01
79) Chrysene-d12	21.633	240	1051313	20.000	ng/ul	0.01
88) Perylene-d12	24.992	264	1253063	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	28479	6.981	ng/uL	0.00
4) Pyridine-d5	3.675	84	203544	17.119	ng/ul	0.00
7) Phenol-d5	6.916	99	254398	17.705	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	152545	16.746	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.269	132	214116	18.233	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	210104	18.004	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	105004	19.886	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.587	143	120573	22.818	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	214359	19.694	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	288764	18.931	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	653772	19.243	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	735601	18.145	ng/ul	0.01
54) 4-Nitrophenol-d4	14.598	143	108370	20.877	ng/ul	0.02
60) Fluorene-d10	15.375	176	543752	19.019	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	116673	21.724	ng/ul	0.01
73) Anthracene-d10	17.281	188	868556	18.159	ng/ul	0.02
81) Pyrene-d10	19.657	212	1044013	16.530	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	1100374	18.053	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	30865	6.761	ng/uL	98
5) Pyridine	3.693	79	211568	17.178	ng/ul	99
6) Benzaldehyde	6.893	77	159614	21.966	ng/ul	96
8) Phenol	6.946	94	256142	17.480	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.163	93	209773	17.292	ng/ul	99
12) 2-Chlorophenol	7.305	128	211622	17.926	ng/ul	96
13) 2-Methylphenol	8.169	108	197597	17.576	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.234	45	302656	16.417	ng/ul	99
16) Acetophenone	8.540	105	333095	17.873	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.522	70	165258	16.682	ng/ul	96
18) 4-Methylphenol	8.493	108	215137	18.079	ng/ul	98
19) Hexachloroethane	8.781	117	91812	17.915	ng/ul	94
22) Nitrobenzene	8.916	77	246855	18.034	ng/ul	99
23) Isophorone	9.440	82	478051	17.626	ng/ul	96
25) 2-Nitrophenol	9.616	139	124623	21.839	ng/ul	91
26) 2,4-Dimethylphenol	9.687	107	241128	18.143	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.910	93	282537	17.511	ng/ul	98
29) 2,4-Dichlorophenol	10.157	162	208928	19.393	ng/ul	97
30) Naphthalene	10.540	128	679964	17.763	ng/ul	99
32) 4-Chloroaniline	10.663	127	280418	19.094	ng/ul	99
33) Hexachlorobutadiene	10.810	225	150908	18.736	ng/ul	98
34) Caprolactam	11.475	113	71207	21.719	ng/ul	80
35) 4-Chloro-3-methylphenol	11.799	107	231316	19.446	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.163	142	474297	18.497	ng/ul	99
37) 1-Methylnaphthalene	12.369	142	486620	18.564	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	280352	17.945	ng/ul	99
40) Hexachlorocyclopentadiene	12.498	237	136048	13.991	ng/ul	97
41) 2,4,6-Trichlorophenol	12.781	196	181548	19.480	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	195458	20.221	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	629752	17.233	ng/ul	99
44) 2-Chloronaphthalene	13.228	162	508080	17.652	ng/ul	99
45) 2-Nitroaniline	13.440	65	147414	20.334	ng/ul	96
47) Dimethylphthalate	13.804	163	658125	19.016	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	133495	21.632	ng/ul	94
50) Acenaphthylene	14.081	152	821672	17.943	ng/ul	99
51) 3-Nitroaniline	14.275	138	132961	23.182	ng/ul	91
52) Acenaphthene	14.422	153	545209	17.948	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	71298	22.273	ng/ul	97
55) 4-Nitrophenol	14.616	109	86982	18.724	ng/ul	97
56) Dibenzofuran	14.769	168	754632	18.435	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	196297	23.044	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.998	232	169572	21.241	ng/ul#	95
59) Diethylphthalate	15.204	149	662774	19.415	ng/ul	99
61) Fluorene	15.434	166	616857	18.756	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.428	204	322246	18.776	ng/ul	97
63) 4-Nitroaniline	15.463	138	134048	24.626	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.528	198	123712	21.503	ng/ul	92
67) N-Nitrosodiphenylamine	15.645	169	534642	17.011	ng/ul	98
68) 4-Bromophenyl-phenylether	16.339	248	209211	17.599	ng/ul	95
69) Hexachlorobenzene	16.457	284	243478	18.297	ng/ul	92
70) Atrazine	16.639	200	208862	18.850	ng/ul	99
71) Pentachlorophenol	16.816	266	142693	18.625	ng/ul	98
72) Phenanthrene	17.222	178	996548	17.857	ng/ul	99
74) Anthracene	17.316	178	1007189	17.545	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	276900	16.006	ng/uL	98
76) Pentachlorobenzene	14.681	250	281533	17.075	ng/uL	98
77) Carbazole	17.604	167	902265	19.044	ng/ul	100
78) Di-n-butylphthalate	18.181	149	1177011	19.128	ng/ul	99
80) Fluoranthene	19.310	202	1226156	15.893	ng/ul	99
82) Pyrene	19.692	202	1263619	15.971	ng/ul	99
83) Butylbenzylphthalate	20.639	149	562771	19.155	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.533	252	458322	19.718	ng/ul	97
85) Benzo(a)anthracene	21.610	228	1326681	18.004	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.539	149	808776	17.730	ng/ul	99
87) Chrysene	21.680	228	1228735	17.641	ng/ul	99
89) Di-n-octyl phthalate	22.816	149	1448324	18.004	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	1325177	17.457	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	1352244	17.610	ng/ul	100
93) Benzo(a)pyrene	24.827	252	1273502	17.771	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.798	276	1597972	17.385	ng/ul	98
95) Dibenzo(a,h)anthracene	28.874	278	1313542	17.388	ng/ul	99
96) Benzo(g,h,i)perylene	29.992	276	1291860m	17.214	ng/ul	

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

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