Quantitation Report (Qedit)

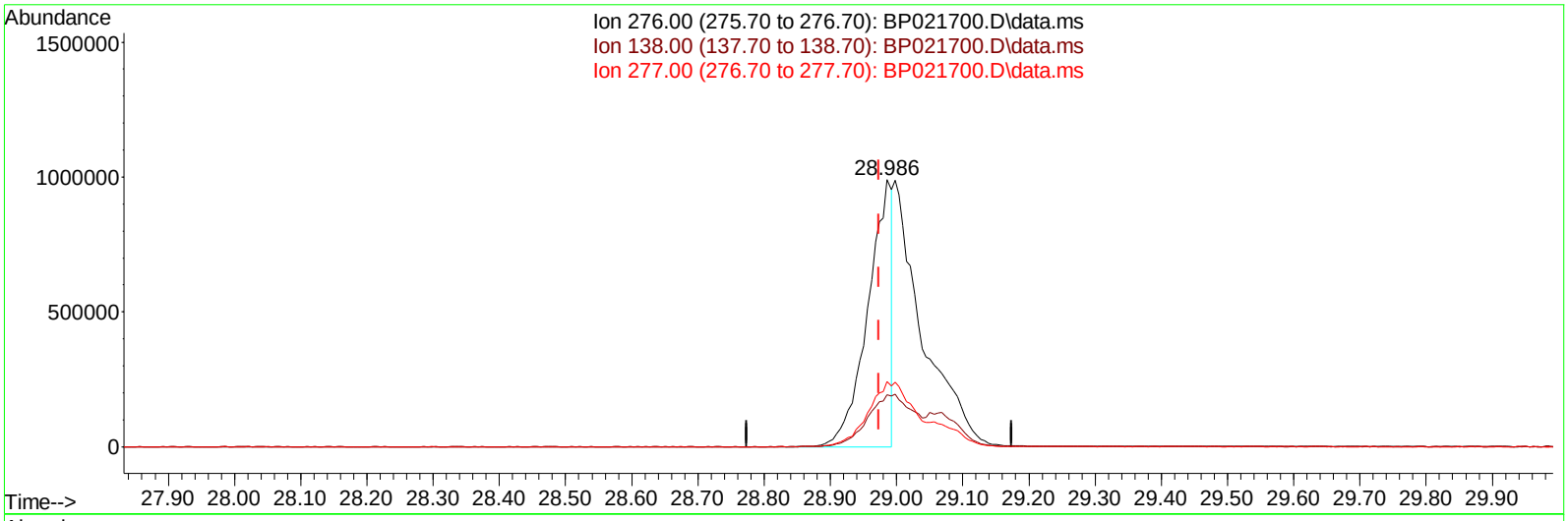
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
Data File : BP021700.D
Acq On : 28 Aug 2024 12:30
Operator : RC/JU
Sample : PB162955BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

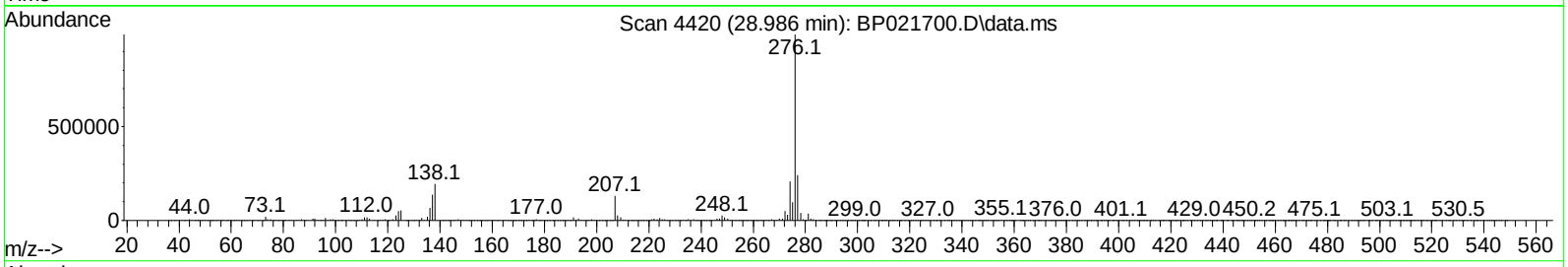
Quant Time: Aug 28 15:13:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

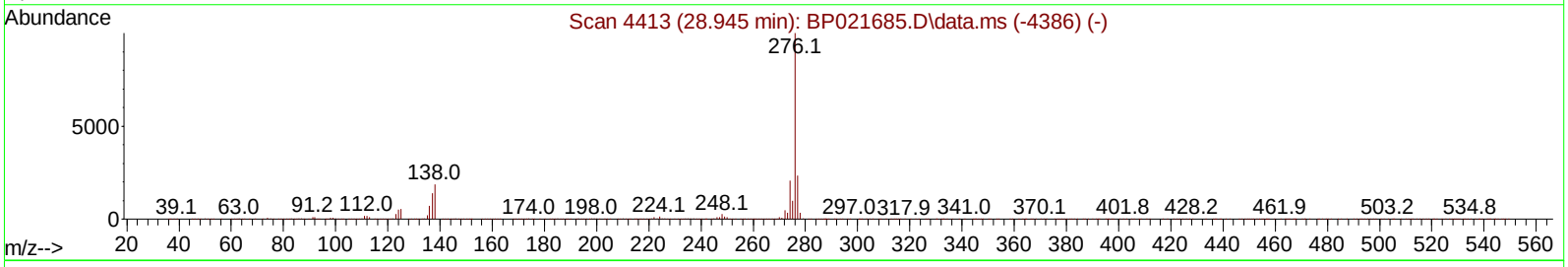
Instrument :
BNA_P
ClientSampleId :
SLCS955

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/28/2024
Supervised By :mohammad ahmed 08/29/2024







TIC: BP021700.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.986min (+ 0.012) 11.91 ng/ul

response 2483979

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.55
277.00	23.80	24.35
0.00	0.00	0.00

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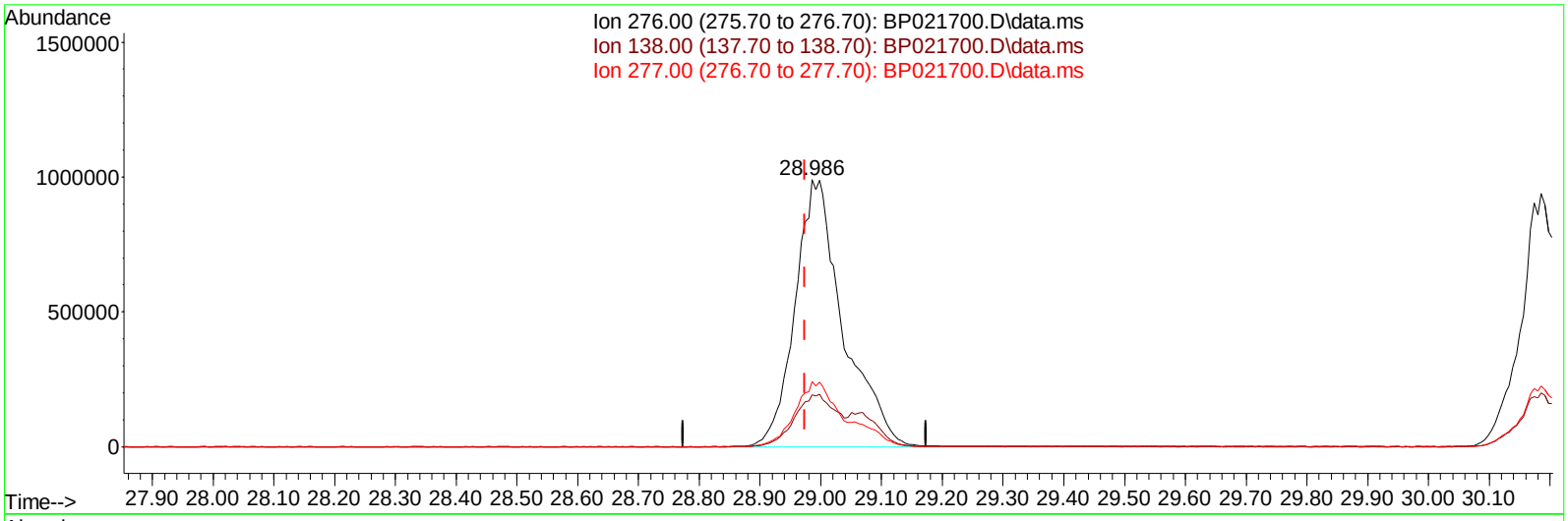

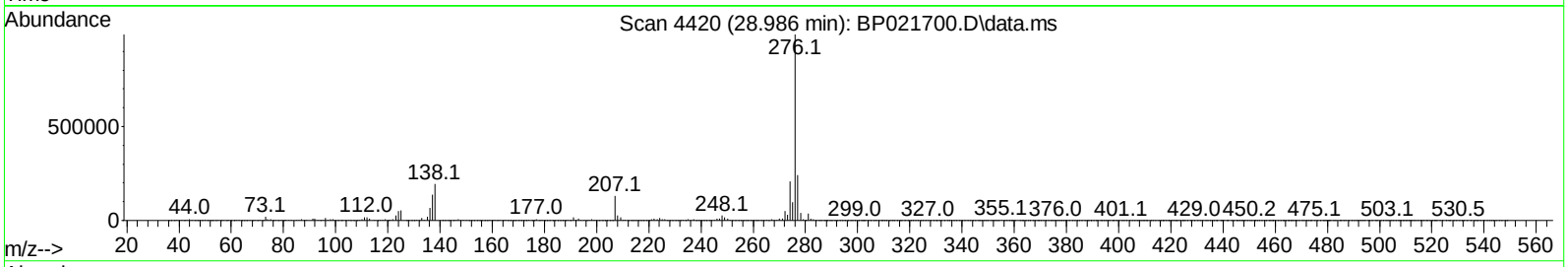

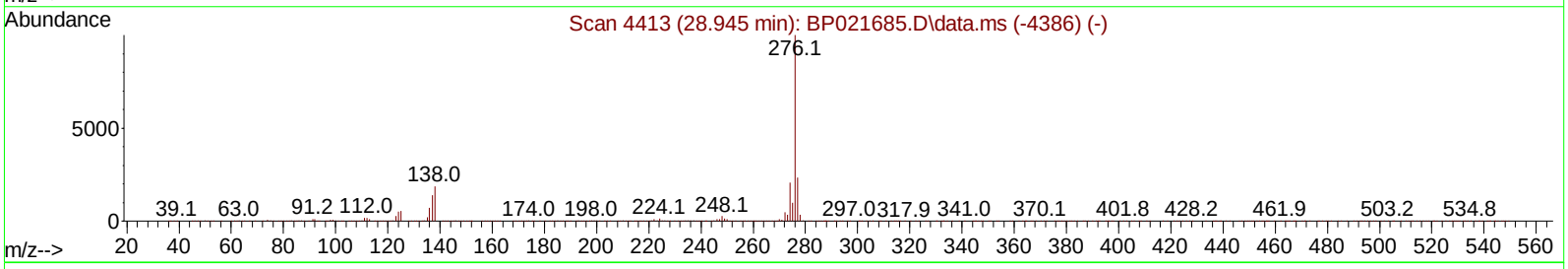

TIC: BP021700.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.986min (+ 0.012) 26.19 ng/ul m

response 5462511

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.55
277.00	23.80	24.35
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	7.793	152	395356	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1711672	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	1156867	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.234	188	2533950	20.000	ng/ul	-0.02
79) Chrysene-d12	21.686	240	2370912	20.000	ng/ul	0.00
88) Perylene-d12	25.104	264	2806306	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	63001	5.290	ng/uL	0.00
4) Pyridine-d5	3.687	84	802903	23.310	ng/ul	0.00
7) Phenol-d5	6.963	99	1127133	26.714	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	575520	25.065	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	713703	26.201	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	868872	26.650	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	366835	26.638	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	395863	28.319	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	753761	27.363	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	932445	23.267	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	2275783	25.709	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	2618571	26.348	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	479824	28.491	ng/ul	0.00
60) Fluorene-d10	15.434	176	1979820	26.603	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.557	200	356972	25.613	ng/ul	-0.01
73) Anthracene-d10	17.334	188	3046825	25.336	ng/ul	-0.02
81) Pyrene-d10	19.704	212	3708395	27.362	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.874	264	3869364	25.857	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	108913	8.606	ng/uL	96
5) Pyridine	3.705	79	798127	23.188	ng/ul	99
6) Benzaldehyde	6.934	77	465306	21.561	ng/ul	100
8) Phenol	6.987	94	1148231	26.099	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.216	93	867829	25.377	ng/ul	97
12) 2-Chlorophenol	7.363	128	753629	26.359	ng/ul	99
13) 2-Methylphenol	8.228	108	828647	26.109	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.316	45	831047	25.178	ng/ul	98
16) Acetophenone	8.605	105	1346477	25.760	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.593	70	631892	25.617	ng/ul	97
18) 4-Methylphenol	8.557	108	925178	26.627	ng/ul	99
19) Hexachloroethane	8.869	117	318406	24.907	ng/ul	96
22) Nitrobenzene	8.981	77	993417	25.870	ng/ul	99
23) Isophorone	9.510	82	1972543	25.599	ng/ul	100
25) 2-Nitrophenol	9.693	139	425644	27.483	ng/ul	97
26) 2,4-Dimethylphenol	9.752	107	756845	19.911	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.987	93	1208464	25.007	ng/ul	100
29) 2,4-Dichlorophenol	10.228	162	725625	26.214	ng/ul	100
30) Naphthalene	10.628	128	2430827	25.198	ng/ul	100
32) 4-Chloroaniline	10.734	127	893828	22.092	ng/ul	99
33) Hexachlorobutadiene	10.916	225	443654	23.888	ng/ul	99
34) Caprolactam	11.510	113	320937	27.418	ng/ul	99
35) 4-Chloro-3-methylphenol	11.863	107	1025265	27.985	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	1661746	25.467	ng/ul	99
37) 1-Methylnaphthalene	12.457	142	1671022	25.461	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	902188	24.743	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	311418	14.885	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	552004	23.514	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	645076	25.447	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	2196271	25.093	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	1751544	25.523	ng/ul	99
45) 2-Nitroaniline	13.493	65	623916	29.021	ng/ul	98
47) Dimethylphthalate	13.881	163	2272891	25.643	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	480343	29.384	ng/ul	100
50) Acenaphthylene	14.151	152	2879347	26.938	ng/ul	99
51) 3-Nitroaniline	14.328	138	527020	29.503	ng/ul	98
52) Acenaphthene	14.492	153	1894549	25.204	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	231859	23.692	ng/ul	97
55) 4-Nitrophenol	14.645	109	432659	28.058	ng/ul	96
56) Dibenzofuran	14.834	168	2644336	25.428	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	700135	28.502	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.069	232	479570	21.959	ng/ul	97
59) Diethylphthalate	15.269	149	2321226	26.079	ng/ul	100
61) Fluorene	15.492	166	2181633	25.937	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.487	204	1076078	25.461	ng/ul	100
63) 4-Nitroaniline	15.504	138	557605	32.298	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.569	198	386240	24.775	ng/ul	97
67) N-Nitrosodiphenylamine	15.704	169	1889377	25.346	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	712585	25.474	ng/ul	98
69) Hexachlorobenzene	16.522	284	845593	25.463	ng/ul	98
70) Atrazine	16.686	200	26397	0.934	ng/ul	95
71) Pentachlorophenol	16.875	266	421418	19.828	ng/ul	99
72) Phenanthrene	17.275	178	3617218	26.002	ng/ul	99
74) Anthracene	17.369	178	3534672	25.080	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	917510	24.354	ng/uL	98
76) Pentachlorobenzene	14.757	250	934732	23.938	ng/uL	99
77) Carbazole	17.651	167	3430510	27.063	ng/ul	100
78) Di-n-butylphthalate	18.251	149	4098428	26.563	ng/ul	99
80) Fluoranthene	19.357	202	4421573	27.957	ng/ul	99
82) Pyrene	19.739	202	4561081	27.230	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1935334	28.219	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.586	252	1446749	24.214	ng/ul	99
85) Benzo(a)anthracene	21.663	228	4418904	26.201	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	2683617	26.512	ng/ul	99
87) Chrysene	21.739	228	4146998	26.127	ng/ul	100
89) Di-n-octyl phthalate	22.927	149	4690298	26.404	ng/ul	100
90) Benzo(b)fluoranthene	24.021	252	4579048	26.078	ng/ul	99
91) Benzo(k)fluoranthene	24.092	252	4576430	26.622	ng/ul	100
93) Benzo(a)pyrene	24.951	252	4102091	25.357	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.986	276	5462511m	26.188	ng/ul	
95) Dibenzo(a,h)anthracene	29.068	278	4449555	26.547	ng/ul	99
96) Benzo(g,h,i)perylene	30.186	276	4366709	27.095	ng/ul	99

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

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