Quantitation Report (Qedit)

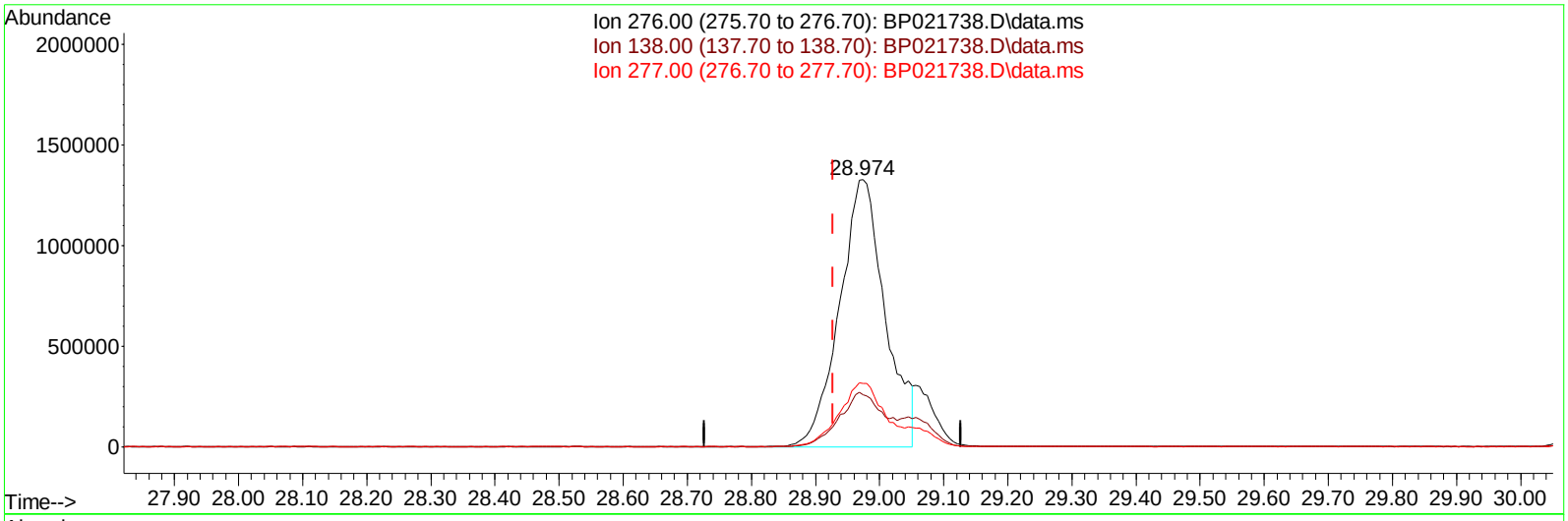
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021738.D
Acq On : 30 Aug 2024 02:53
Operator : RC/JU
Sample : P3721-09MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

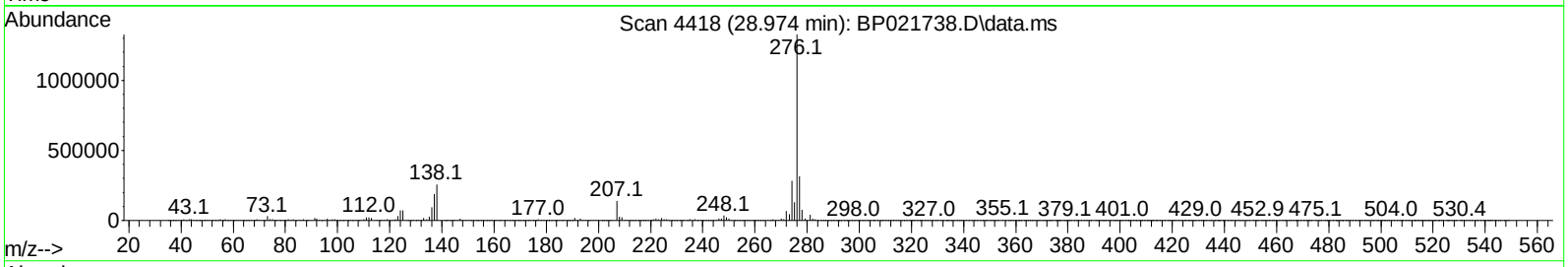
Quant Time: Aug 30 03:34:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

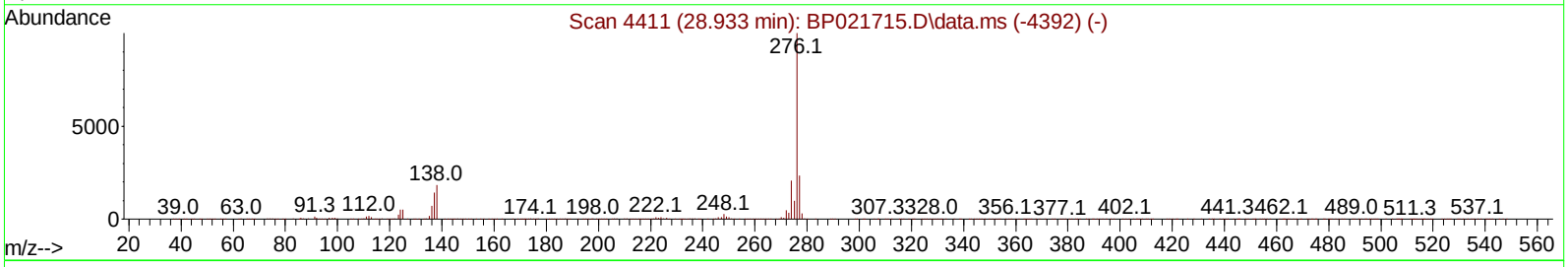
Instrument :
BNA_P
ClientSampleId :
DCXZ0MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024







TIC: BP021738.D\data.ms

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

28.974min (+ 0.047) 38.22 ng/ul

response 6543021

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.44
277.00	23.80	23.73
0.00	0.00	0.00

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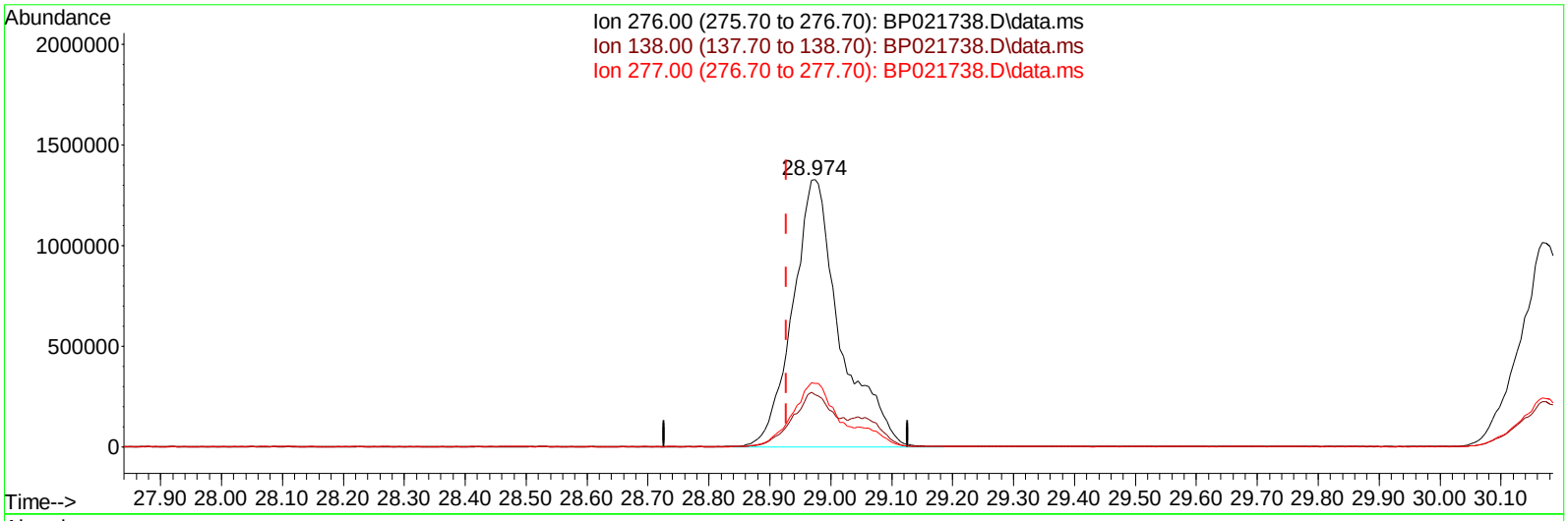

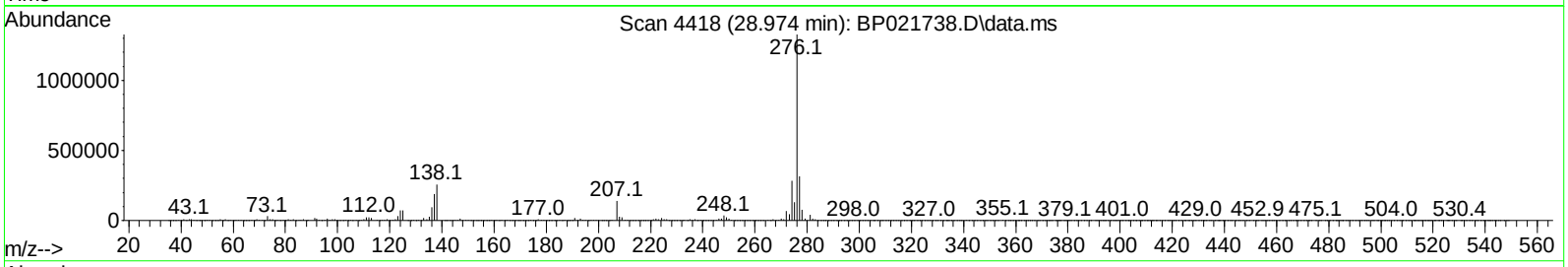

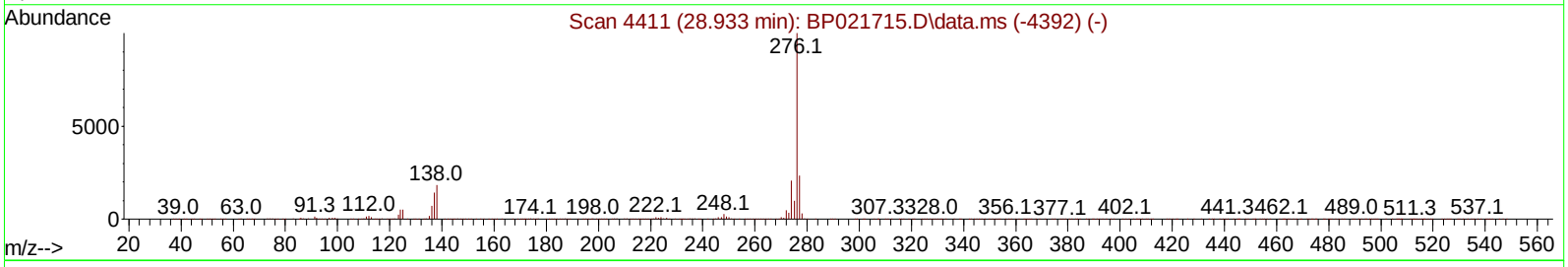

TIC: BP021738.D\data.ms

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

28.974min (+ 0.047) 42.12 ng/ul m

response 7210856

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.44
277.00	23.80	23.73
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	381936	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1580615	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	1009514	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.234	188	2143060	20.000	ng/ul	0.00
79) Chrysene-d12	21.686	240	1984457	20.000	ng/ul	0.02
88) Perylene-d12	25.092	264	2303273	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	49692	4.319	ng/uL	0.00
4) Pyridine-d5	3.693	84	337332	10.138	ng/ul	0.00
7) Phenol-d5	6.969	99	1253605	30.755	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	635413	28.645	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	821706	31.226	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	887704	28.184	ng/ul	0.01
21) Nitrobenzene-d5	8.940	128	405508	31.888	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	438684	33.985	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	831051	32.671	ng/ul	0.01
31) 4-Chloroaniline-d4	10.704	131	789561	21.335	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	2302513	29.808	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	2709450	31.242	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	453827	30.881	ng/ul	0.02
60) Fluorene-d10	15.439	176	1994883	30.718	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	341578	28.979	ng/ul	0.00
73) Anthracene-d10	17.334	188	3003992	29.536	ng/ul	0.00
81) Pyrene-d10	19.704	212	3724492	32.832	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.857	264	3936063	32.048	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	154262	12.617	ng/uL#	93
5) Pyridine	3.711	79	1142404	34.357	ng/ul	97
6) Benzaldehyde	6.934	77	848527	40.700	ng/ul	98
8) Phenol	6.999	94	1741506	40.976	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	1265996	38.321	ng/ul	98
12) 2-Chlorophenol	7.363	128	1131496	40.966	ng/ul	99
13) 2-Methylphenol	8.234	108	1197947	39.071	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.310	45	1208831	37.910	ng/ul	99
16) Acetophenone	8.605	105	1944913	38.517	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.593	70	882543	37.036	ng/ul	97
18) 4-Methylphenol	8.557	108	1338256	39.868	ng/ul	99
19) Hexachloroethane	8.869	117	465181	37.667	ng/ul	99
22) Nitrobenzene	8.981	77	1426430	40.227	ng/ul	97
23) Isophorone	9.510	82	2727609	38.333	ng/ul	99
25) 2-Nitrophenol	9.687	139	632205	44.205	ng/ul	98
26) 2,4-Dimethylphenol	9.757	107	851055	24.245	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.987	93	1717274	38.483	ng/ul	98
29) 2,4-Dichlorophenol	10.234	162	1073164	41.985	ng/ul	99
30) Naphthalene	10.628	128	3503488	39.328	ng/ul	100
32) 4-Chloroaniline	10.734	127	1092034	29.229	ng/ul	98
33) Hexachlorobutadiene	10.916	225	663692	38.698	ng/ul	99
34) Caprolactam	11.528	113	430404	39.819	ng/ul	97
35) 4-Chloro-3-methylphenol	11.863	107	1429619	42.258	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	2349118	38.986	ng/ul	100
37) 1-Methylnaphthalene	12.457	142	2350968	38.791	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	1288100	40.484	ng/ul	99
40) Hexachlorocyclopentadiene	12.593	237	375630	20.574	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	864871	42.218	ng/ul	100
42) 2,4,5-Trichlorophenol	12.934	196	962584	43.515	ng/ul	100
43) 1,1'-Biphenyl	13.257	154	3049947	39.933	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	2418358	40.383	ng/ul	99
45) 2-Nitroaniline	13.498	65	845510	45.069	ng/ul	98
47) Dimethylphthalate	13.887	163	2979239	38.518	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	645284	45.236	ng/ul	95
50) Acenaphthylene	14.151	152	3792416	40.659	ng/ul	99
51) 3-Nitroaniline	14.334	138	650539	41.733	ng/ul	99
52) Acenaphthene	14.498	153	2569934	39.180	ng/ul	100
53) 2,4-Dinitrophenol	14.545	184	321957	37.700	ng/ul	97
55) 4-Nitrophenol	14.657	109	584094	43.407	ng/ul	97
56) Dibenzofuran	14.840	168	3593352	39.598	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	936262	43.677	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	786557	41.272	ng/ul	97
59) Diethylphthalate	15.269	149	3012192	38.782	ng/ul	99
61) Fluorene	15.498	166	2891990	39.401	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	1411665	38.276	ng/ul	100
63) 4-Nitroaniline	15.516	138	705183	46.808	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.575	198	492293	37.338	ng/ul	95
67) N-Nitrosodiphenylamine	15.710	169	2490937	39.511	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	954138	40.330	ng/ul	97
69) Hexachlorobenzene	16.528	284	1091117	38.849	ng/ul	99
70) Atrazine	16.692	200	695428	29.080	ng/ul	100
71) Pentachlorophenol	16.881	266	728501	40.528	ng/ul	98
72) Phenanthrene	17.275	178	4654718	39.563	ng/ul	99
74) Anthracene	17.369	178	4457713	37.399	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	1263255	39.648	ng/uL	97
76) Pentachlorobenzene	14.757	250	1213633	36.749	ng/uL	98
77) Carbazole	17.651	167	4420872	41.238	ng/ul	99
78) Di-n-butylphthalate	18.251	149	5349107	40.992	ng/ul	100
80) Fluoranthene	19.357	202	5631569	42.542	ng/ul	99
82) Pyrene	19.739	202	5776131	41.199	ng/ul	99
83) Butylbenzylphthalate	20.680	149	2548773	44.401	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.586	252	587686	11.751	ng/ul	98
85) Benzo(a)anthracene	21.669	228	5739377	40.658	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.610	149	3626516	42.803	ng/ul	99
87) Chrysene	21.739	228	5405500	40.688	ng/ul	99
89) Di-n-octyl phthalate	22.916	149	6440506	44.175	ng/ul	100
90) Benzo(b)fluoranthene	24.021	252	6025135	41.807	ng/ul	98
91) Benzo(k)fluoranthene	24.092	252	5872392	41.622	ng/ul	98
93) Benzo(a)pyrene	24.933	252	5318449	40.056	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.974	276	7210856m	42.120	ng/ul	
95) Dibenzo(a,h)anthracene	29.056	278	5841147	42.460	ng/ul	100
96) Benzo(g,h,i)perylene	30.168	276	5646969	42.691	ng/ul	99

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

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