Quantitation Report (Qedit)

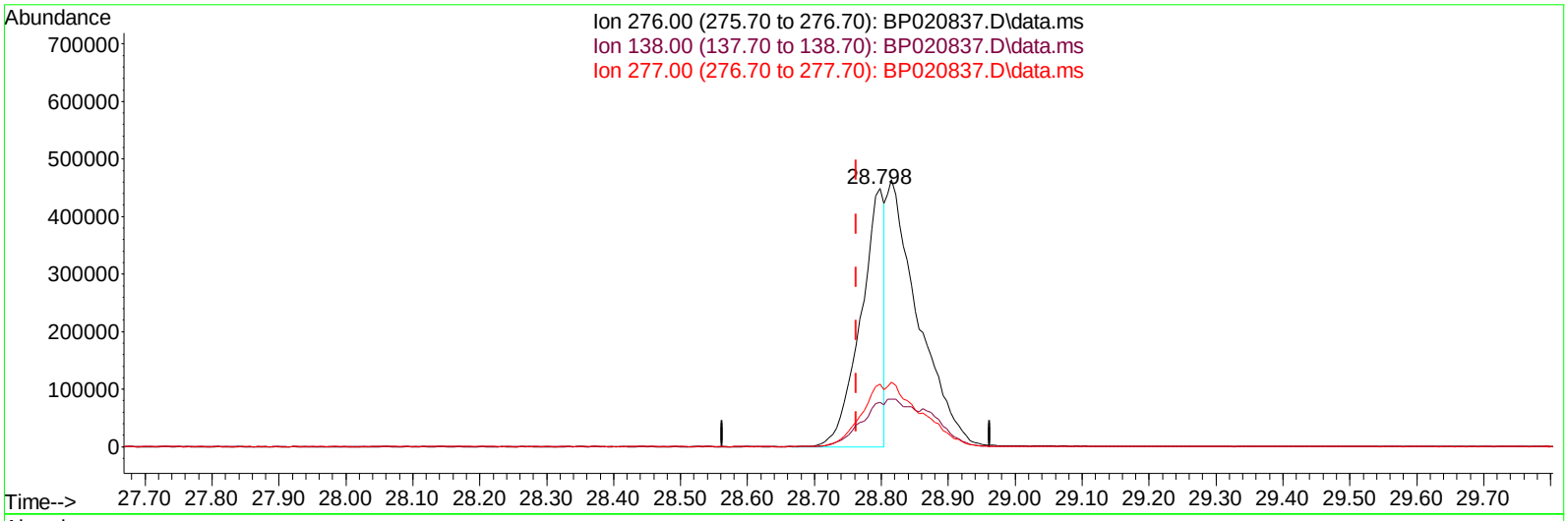
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020837.D
Acq On : 08 Jul 2024 17:59
Operator : MA/JU
Sample : PB161756BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

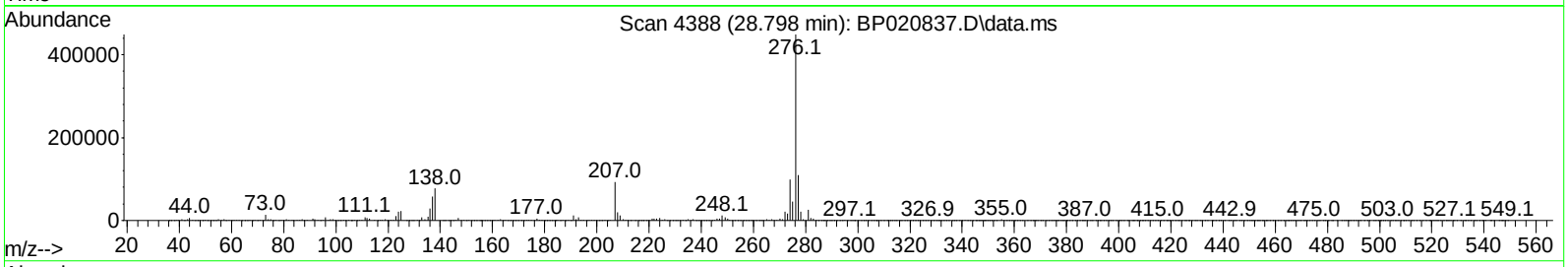
Quant Time: Jul 08 18:46:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

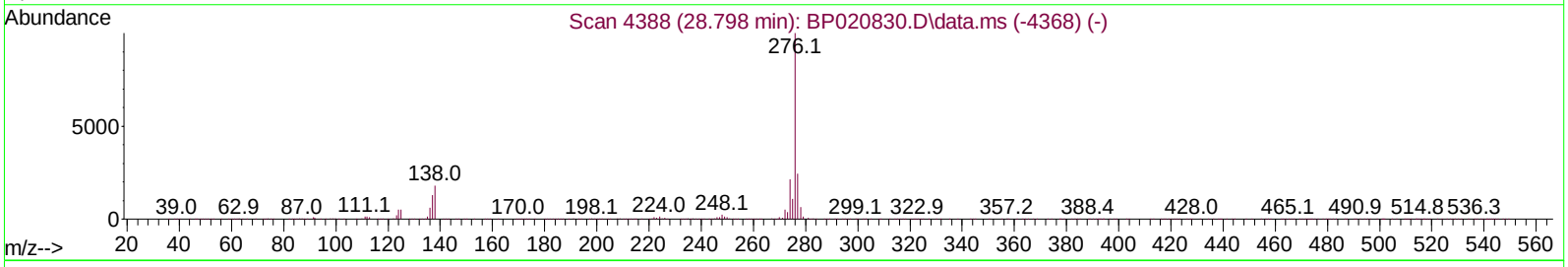
Instrument :
BNA_P
ClientSampleId :
SLCS756

Manual IntegrationsAPPROVED

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







TIC: BP020837.D\data.ms

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

28.798min (+ 0.035) 13.37 ng/ul

response 1100305

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	17.23
277.00	23.70	24.31
0.00	0.00	0.00

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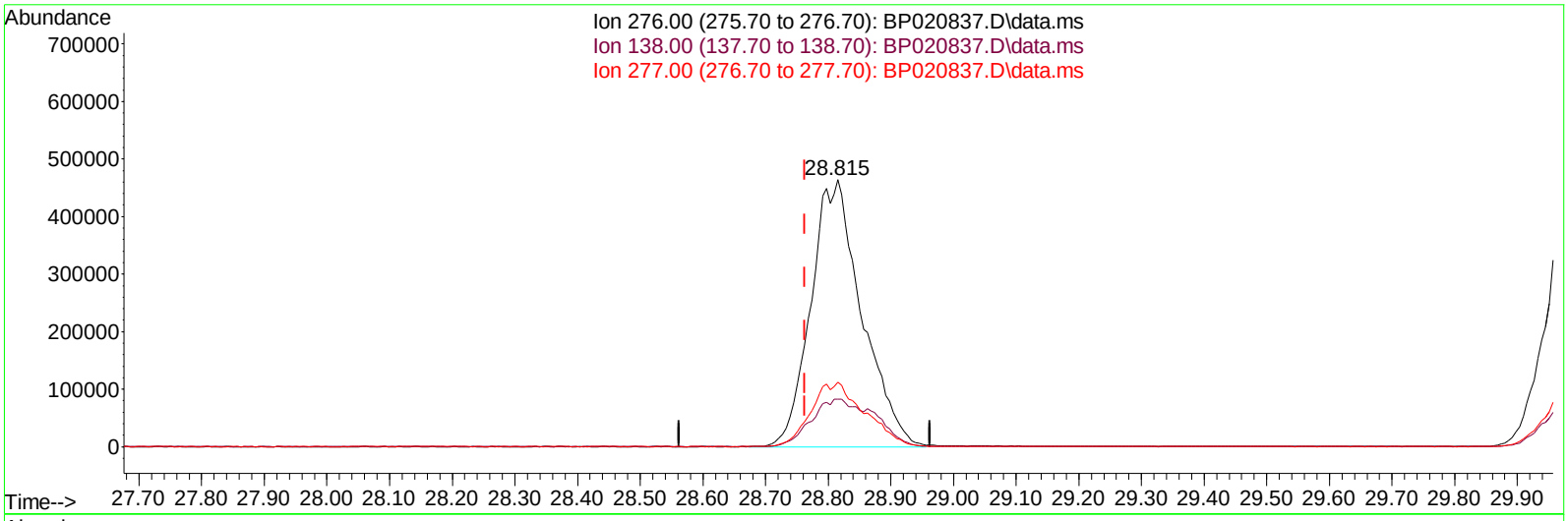

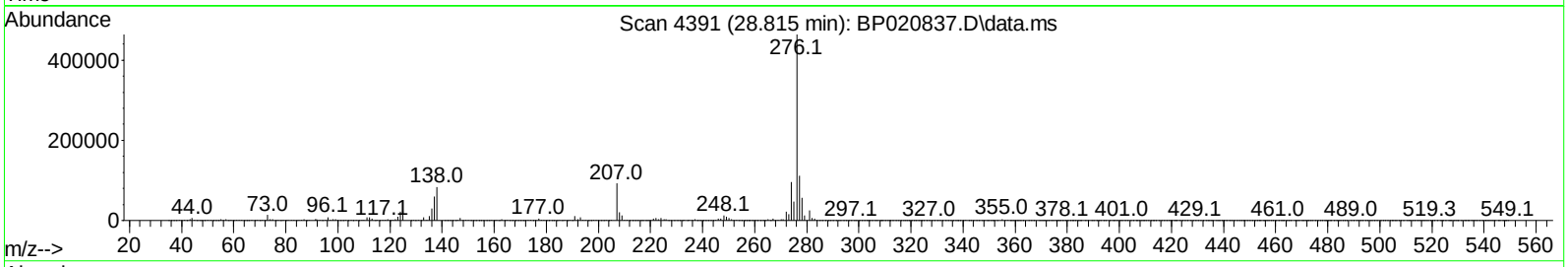

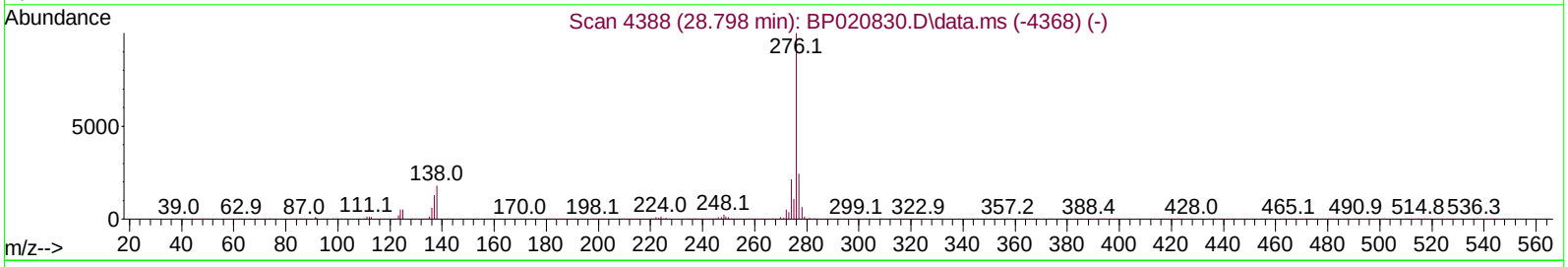

TIC: BP020837.D\data.ms

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

28.815min (+ 0.053) 31.83 ng/ul m

response 2619337

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	17.89
277.00	23.70	24.10
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	159366	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.493	136	671849	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	449828	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.175	188	975116	20.000	ng/ul	0.01
79) Chrysene-d12	21.627	240	954076	20.000	ng/ul	0.00
88) Perylene-d12	24.986	264	1121924	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	26316	7.091	ng/uL	0.00
4) Pyridine-d5	3.676	84	303347	28.046	ng/ul	0.00
7) Phenol-d5	6.922	99	419663	32.106	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	245634	29.643	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.275	132	340220	31.848	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	340961	32.118	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	168135	33.897	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	194912	39.266	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	350915	34.320	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	393715	27.476	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1054528	33.717	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1184256	31.732	ng/ul	0.01
54) 4-Nitrophenol-d4	14.593	143	187525	39.242	ng/ul	0.01
60) Fluorene-d10	15.375	176	898931	34.156	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	195132	39.709	ng/ul	0.02
73) Anthracene-d10	17.281	188	1378697	31.503	ng/ul	0.02
81) Pyrene-d10	19.663	212	1733104	30.237	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.757	264	1803831	33.052	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	43611	10.501	ng/uL	94
5) Pyridine	3.693	79	312308	27.875	ng/ul	97
6) Benzaldehyde	6.893	77	206459	31.234	ng/ul	98
8) Phenol	6.952	94	431765	32.392	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.164	93	334338	30.297	ng/ul	98
12) 2-Chlorophenol	7.305	128	350004	32.592	ng/ul	99
13) 2-Methylphenol	8.169	108	321234	31.411	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.240	45	476487	28.412	ng/ul	99
16) Acetophenone	8.546	105	526783	31.072	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.528	70	264444	29.345	ng/ul	99
18) 4-Methylphenol	8.499	108	355193	32.812	ng/ul	99
19) Hexachloroethane	8.787	117	146213	31.364	ng/ul	93
22) Nitrobenzene	8.922	77	399324	31.055	ng/ul	96
23) Isophorone	9.440	82	755481	29.652	ng/ul	98
25) 2-Nitrophenol	9.622	139	203392	37.942	ng/ul	95
26) 2,4-Dimethylphenol	9.687	107	325038	26.034	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.916	93	456857	30.142	ng/ul	98
29) 2,4-Dichlorophenol	10.158	162	340553	33.650	ng/ul	97
30) Naphthalene	10.540	128	1093872	30.419	ng/ul	100
32) 4-Chloroaniline	10.663	127	376749	27.308	ng/ul	99
33) Hexachlorobutadiene	10.816	225	241017	31.854	ng/ul	99
34) Caprolactam	11.469	113	118299	38.411	ng/ul	89
35) 4-Chloro-3-methylphenol	11.804	107	385729	34.520	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.163	142	760110	31.555	ng/ul	100
37) 1-Methylnaphthalene	12.375	142	758297	30.794	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.534	216	451752	31.411	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	190203	21.248	ng/ul	96
41) 2,4,6-Trichlorophenol	12.781	196	272233	31.731	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	313168	35.194	ng/ul	95
43) 1,1'-Biphenyl	13.187	154	1017814	30.255	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	810243	30.579	ng/ul	98
45) 2-Nitroaniline	13.446	65	250735	37.570	ng/ul	90
47) Dimethylphthalate	13.810	163	1042991	32.737	ng/ul	98
48) 2,6-Dinitrotoluene	13.940	165	218867	38.526	ng/ul	96
50) Acenaphthylene	14.081	152	1277421	30.302	ng/ul	99
51) 3-Nitroaniline	14.275	138	212531	40.252	ng/ul	95
52) Acenaphthene	14.428	153	851631	30.454	ng/ul	99
53) 2,4-Dinitrophenol	14.493	184	125092	42.450	ng/ul	98
55) 4-Nitrophenol	14.610	109	151726	35.480	ng/ul	97
56) Dibenzofuran	14.775	168	1202770	31.919	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	329303	41.993	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.004	232	242282	32.967	ng/ul	93
59) Diethylphthalate	15.204	149	1063160	33.831	ng/ul	98
61) Fluorene	15.434	166	975965	32.235	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.428	204	513778	32.519	ng/ul	98
63) 4-Nitroaniline	15.463	138	236451	47.186	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.534	198	206985	39.321	ng/ul#	88
67) N-Nitrosodiphenylamine	15.645	169	869791	30.246	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	332795	30.597	ng/ul	94
69) Hexachlorobenzene	16.451	284	392400	32.228	ng/ul	95
70) Atrazine	16.640	200	88299	8.710	ng/ul	97
71) Pentachlorophenol	16.816	266	200328	28.579	ng/ul	99
72) Phenanthrene	17.216	178	1612766	31.584	ng/ul	99
74) Anthracene	17.322	178	1588022	30.234	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	451756	28.540	ng/uL	100
76) Pentachlorobenzene	14.681	250	445654	29.541	ng/uL	97
77) Carbazole	17.604	167	1492513	34.431	ng/ul	100
78) Di-n-butylphthalate	18.181	149	1904934	33.835	ng/ul	100
80) Fluoranthene	19.310	202	2010423	28.715	ng/ul	99
82) Pyrene	19.692	202	2077996	28.940	ng/ul	99
83) Butylbenzylphthalate	20.639	149	906607	34.003	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.533	252	690320	32.725	ng/ul	97
85) Benzo(a)anthracene	21.610	228	2100231	31.406	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1286142	31.068	ng/ul	98
87) Chrysene	21.680	228	2012068	31.832	ng/ul	99
89) Di-n-octyl phthalate	22.816	149	2283701	31.708	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	2213027	32.560	ng/ul	99
91) Benzo(k)fluoranthene	23.998	252	2138134	31.099	ng/ul	99
93) Benzo(a)pyrene	24.833	252	1908700	29.749	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.815	276	2619337m	31.828	ng/ul	
95) Dibenzo(a,h)anthracene	28.868	278	2146687	31.738	ng/ul	99
96) Benzo(g,h,i)perylene	29.986	276	2073920	30.866	ng/ul	97

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

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