Quantitation Report (Qedit)

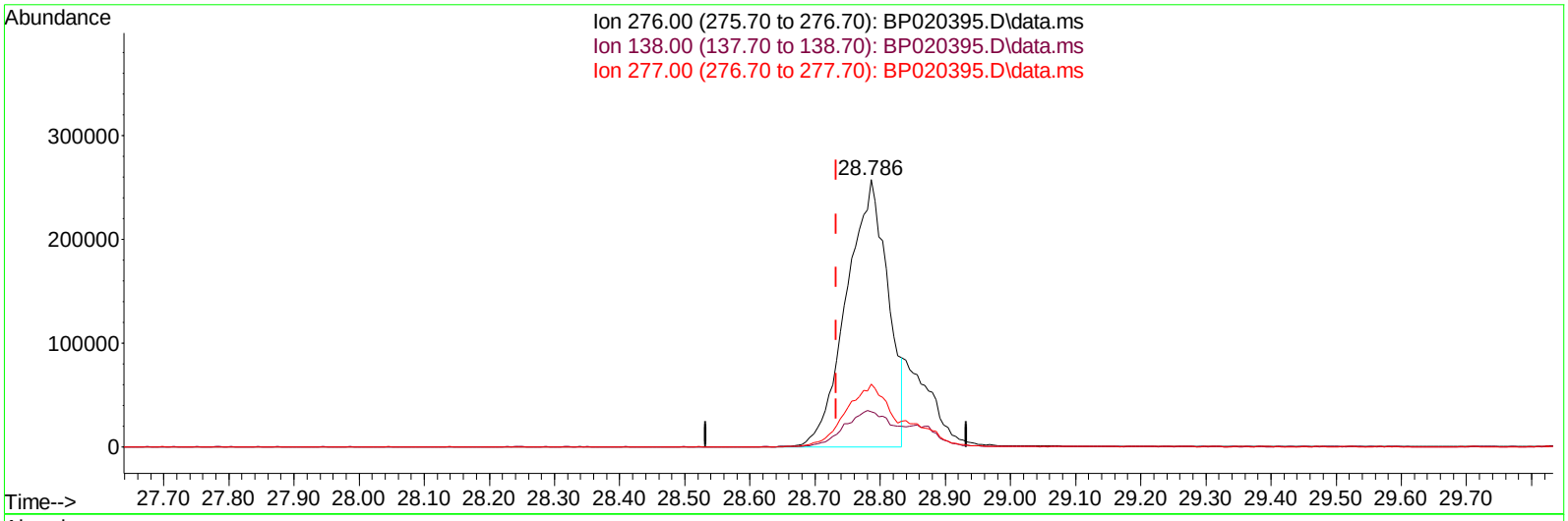
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020395.D
Acq On : 15 May 2024 11:09
Operator : MA/JU
Sample : PB160788BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

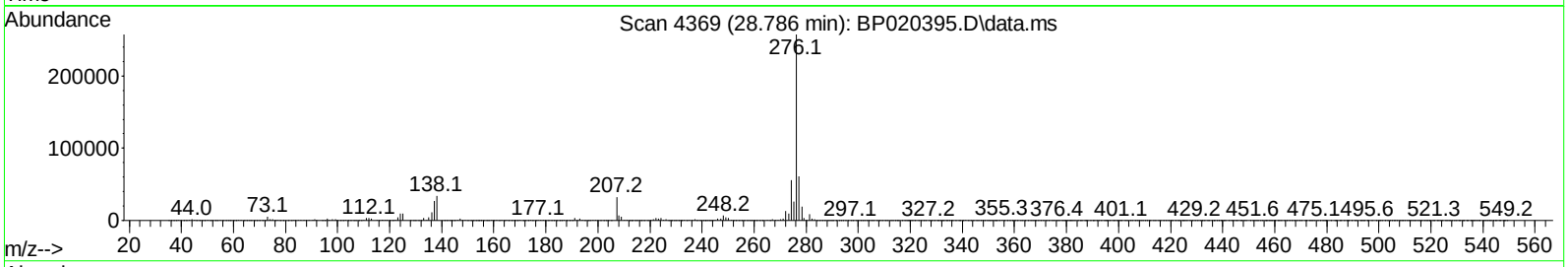
Quant Time: May 15 11:56:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 14 23:58:44 2024
Response via : Initial Calibration

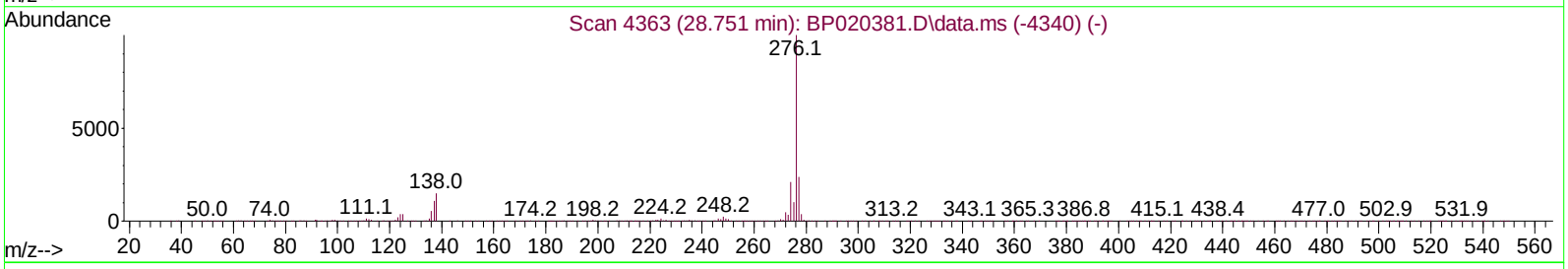
Instrument :
BNA_P
ClientSampleId :
SLCS788

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024







TIC: BP020395.D\data.ms

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

28.786min (+ 0.053) 27.06 ng/ul

response 1136352

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	13.15
277.00	23.70	23.58
0.00	0.00	0.00

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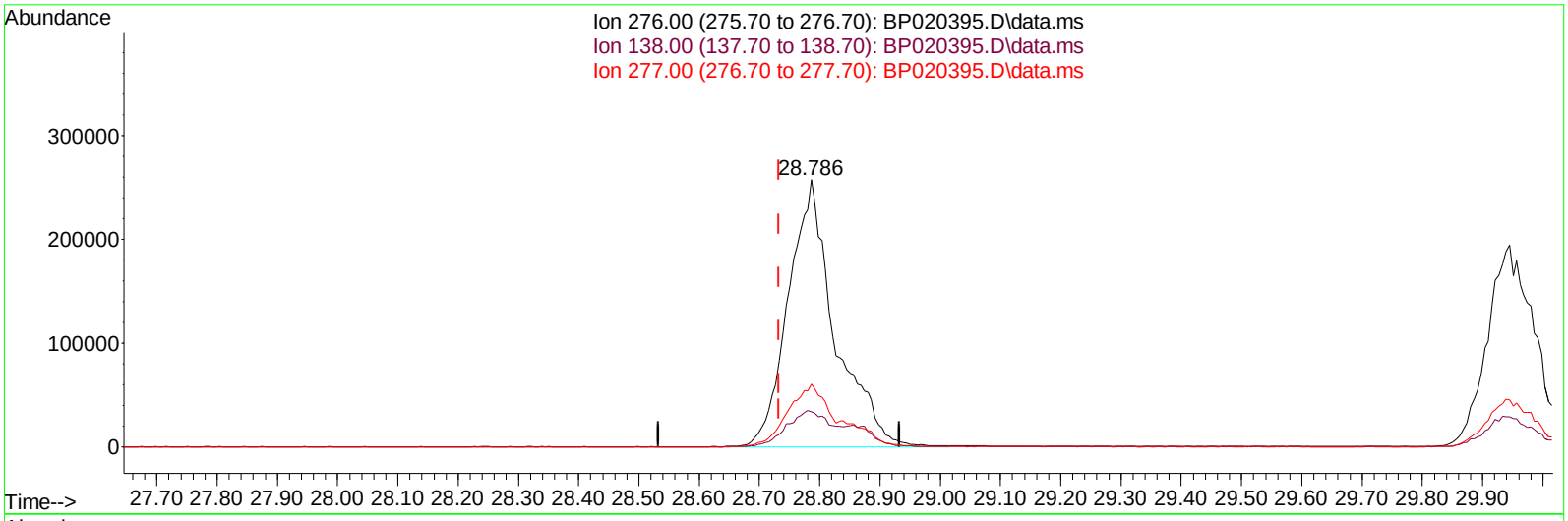

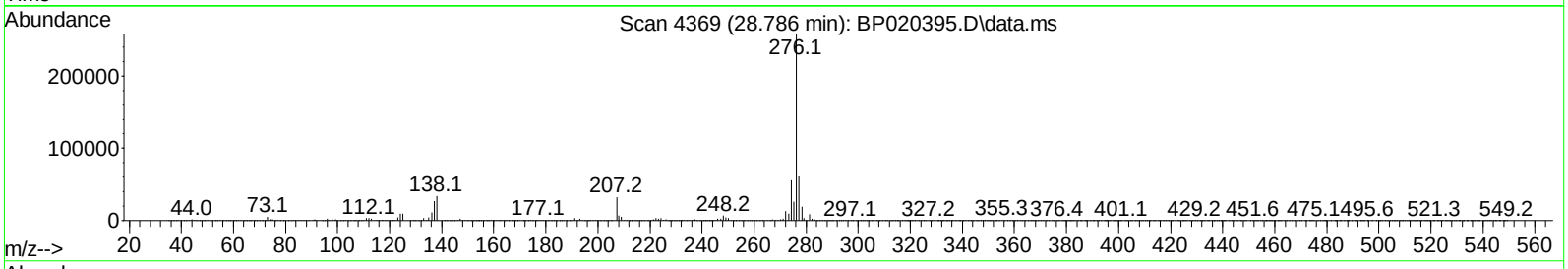

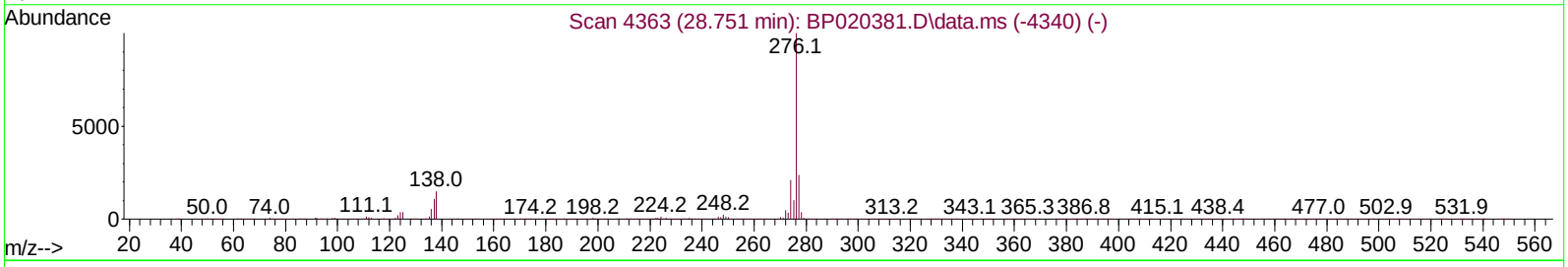

TIC: BP020395.D\data.ms

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

28.786min (+ 0.053) 32.95 ng/ul m

response 1383940

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	13.15
277.00	23.70	23.58
0.00	0.00	0.00

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	67699	20.000	ng/ul	0.00
20) Naphthalene-d8	10.358	136	273452	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	192440	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	420520	20.000	ng/ul	0.00
79) Chrysene-d12	21.610	240	509581	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	605330	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	10420	6.500	ng/uL	0.00
4) Pyridine-d5	3.587	84	141751	30.434	ng/ul	-0.01
7) Phenol-d5	6.781	99	183196	31.510	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	104471	29.580	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	144266	34.711	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	143186	30.462	ng/ul	-0.01
21) Nitrobenzene-d5	8.752	128	70505	34.432	ng/ul	0.00
24) 2-Nitrophenol-d4	9.463	143	81033	34.557	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	151442	35.391	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	177925	29.709	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	463534	32.984	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	496040	31.953	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	63815	29.546	ng/ul	-0.02
60) Fluorene-d10	15.287	176	382901	32.667	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	87422	32.761	ng/ul	0.00
73) Anthracene-d10	17.210	188	644013	35.401	ng/ul	0.00
81) Pyrene-d10	19.628	212	820842	27.557	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.739	264	991431	33.874	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	22244	12.229	ng/uL	94
5) Pyridine	3.611	79	140314	29.784	ng/ul	95
6) Benzaldehyde	6.764	77	110560	37.833	ng/ul	96
8) Phenol	6.805	94	178856	29.806	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.034	93	135294	28.813	ng/ul	99
12) 2-Chlorophenol	7.164	128	141825	32.683	ng/ul	94
13) 2-Methylphenol	8.034	108	132301	29.557	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.111	45	158784	27.108	ng/ul	98
16) Acetophenone	8.422	105	225753	28.938	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.393	70	118909	28.088	ng/ul	96
18) 4-Methylphenol	8.364	108	147440	30.306	ng/ul	97
19) Hexachloroethane	8.628	117	60403	30.439	ng/ul	93
22) Nitrobenzene	8.793	77	179075	30.464	ng/ul	99
23) Isophorone	9.305	82	324262	28.687	ng/ul	100
25) 2-Nitrophenol	9.499	139	81879	33.710	ng/ul	90
26) 2,4-Dimethylphenol	9.552	107	149562	28.224	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.793	93	182928	29.192	ng/ul	99
29) 2,4-Dichlorophenol	10.028	162	145018	34.841	ng/ul	96
30) Naphthalene	10.410	128	438112	31.083	ng/ul	99
32) 4-Chloroaniline	10.546	127	163369	27.895	ng/ul	100
33) Hexachlorobutadiene	10.669	225	104361	32.281	ng/ul	99
34) Caprolactam	11.363	113	48261	33.207	ng/ul	89
35) 4-Chloro-3-methylphenol	11.687	107	164701	31.781	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.046	142	306614	31.265	ng/ul	96
37) 1-Methylnaphthalene	12.263	142	311154	31.529	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	197412	32.893	ng/ul	99
40) Hexachlorocyclopentadiene	12.369	237	64955	19.900	ng/ul	97
41) 2,4,6-Trichlorophenol	12.681	196	123569	32.831	ng/ul	97
42) 2,4,5-Trichlorophenol	12.763	196	130992	32.344	ng/ul	98
43) 1,1'-Biphenyl	13.081	154	422172	31.017	ng/ul	100
44) 2-Chloronaphthalene	13.122	162	330357	30.587	ng/ul	99
45) 2-Nitroaniline	13.357	65	111202	31.040	ng/ul	99
47) Dimethylphthalate	13.728	163	431324	30.386	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	89331	31.656	ng/ul	95
50) Acenaphthylene	13.981	152	536178	30.707	ng/ul	99
51) 3-Nitroaniline	14.210	138	85479	32.477	ng/ul	98
52) Acenaphthene	14.328	153	345397	29.436	ng/ul	98
53) 2,4-Dinitrophenol	14.446	184	50622	29.226	ng/ul#	89
55) 4-Nitrophenol	14.540	109	84914	37.761	ng/ul	93
56) Dibenzofuran	14.681	168	508730	31.523	ng/ul	97
57) 2,4-Dinitrotoluene	14.681	165	139125	34.292	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.916	232	122583	33.706	ng/ul	97
59) Diethylphthalate	15.128	149	436232	30.786	ng/ul	99
61) Fluorene	15.346	166	420431	31.354	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.346	204	222998	31.347	ng/ul	96
63) 4-Nitroaniline	15.416	138	78364	35.728	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.469	198	91718	32.962	ng/ul	98
67) N-Nitrosodiphenylamine	15.575	169	360404	30.781	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	144267	31.672	ng/ul	96
69) Hexachlorobenzene	16.375	284	170884	32.391	ng/ul	95
70) Atrazine	16.575	200	140048	33.732	ng/ul	99
71) Pentachlorophenol	16.751	266	101859	31.943	ng/ul	99
72) Phenanthrene	17.151	178	691621	32.235	ng/ul	98
74) Anthracene	17.251	178	699750	32.066	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	190801	30.529	ng/uL	98
76) Pentachlorobenzene	14.587	250	199788	31.944	ng/uL	97
77) Carbazole	17.551	167	648863	34.515	ng/ul	99
78) Di-n-butylphthalate	18.145	149	743897	32.646	ng/ul	99
80) Fluoranthene	19.275	202	910975	25.987	ng/ul	98
82) Pyrene	19.663	202	982764	26.944	ng/ul	96
83) Butylbenzylphthalate	20.633	149	398398	28.774	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.528	252	361183	34.826	ng/ul	100
85) Benzo(a)anthracene	21.592	228	1093949	31.651	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	596094	29.843	ng/ul#	95
87) Chrysene	21.663	228	1028261	32.099	ng/ul	99
89) Di-n-octyl phthalate	22.827	149	1068592	27.565	ng/ul	100
90) Benzo(b)fluoranthene	23.898	252	1141996	31.715	ng/ul	99
91) Benzo(k)fluoranthene	23.974	252	1147298	31.265	ng/ul	98
93) Benzo(a)pyrene	24.804	252	981201	28.638	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.786	276	1383940m	32.950	ng/ul	
95) Dibenzo(a,h)anthracene	28.857	278	1113375	32.048	ng/ul	99
96) Benzo(g,h,i)perylene	29.945	276	1052485	31.070	ng/ul	98

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

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