Quantitation Report (Qedit)

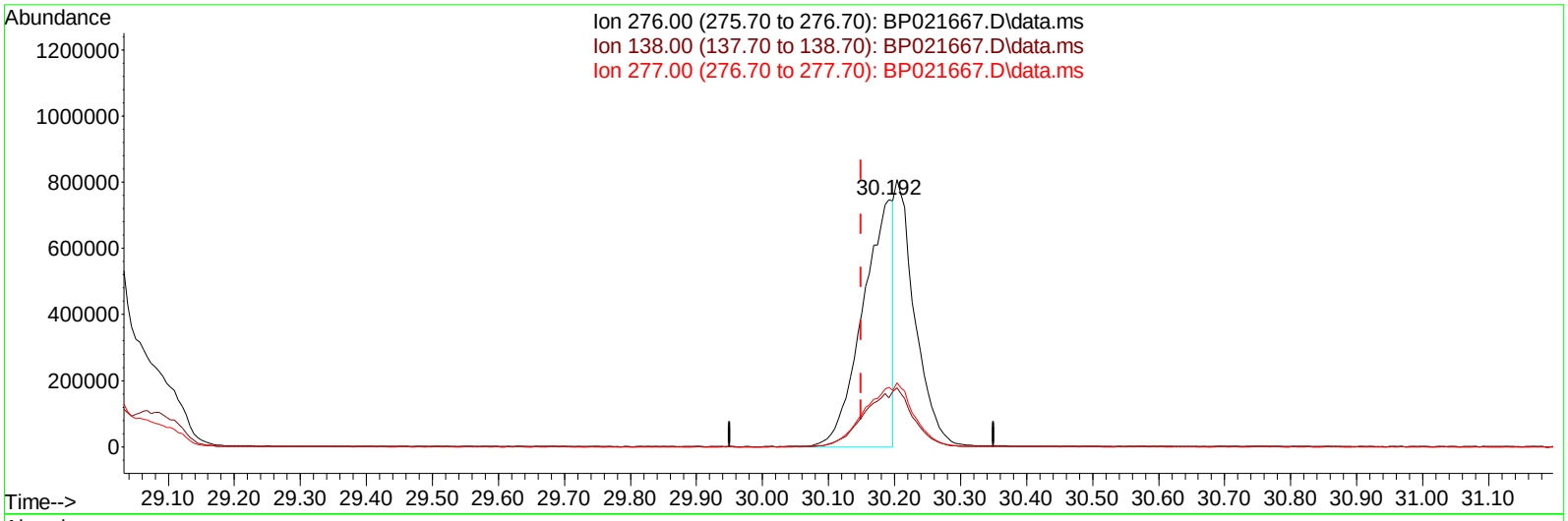
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
Data File : BP021667.D
Acq On : 27 Aug 2024 11:48
Operator : RC/JU
Sample : PB162966BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

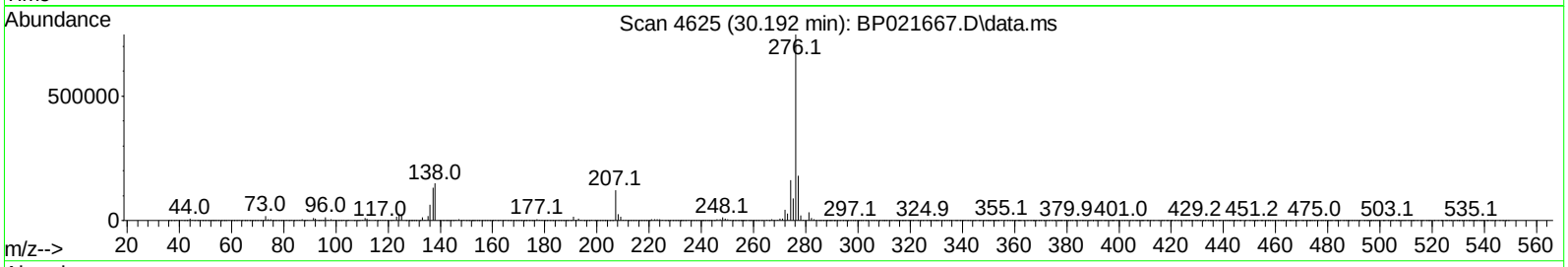
Quant Time: Aug 27 22:45:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

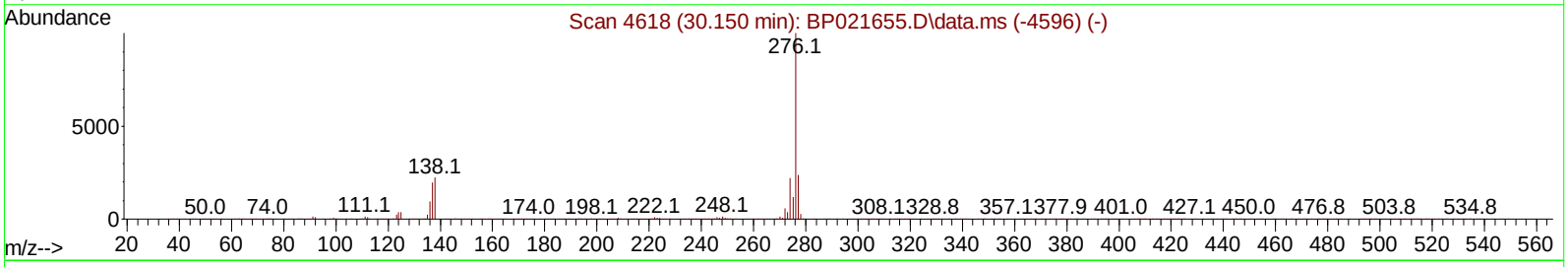
Instrument :
BNA_P
ClientSampleId :
SLCS966

Manual IntegrationsAPPROVED

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







TIC: BP021667.D\data.ms

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

30.192min (+ 0.041) 16.65 ng/ul

response 2419841

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	19.88
277.00	24.20	24.11
0.00	0.00	0.00

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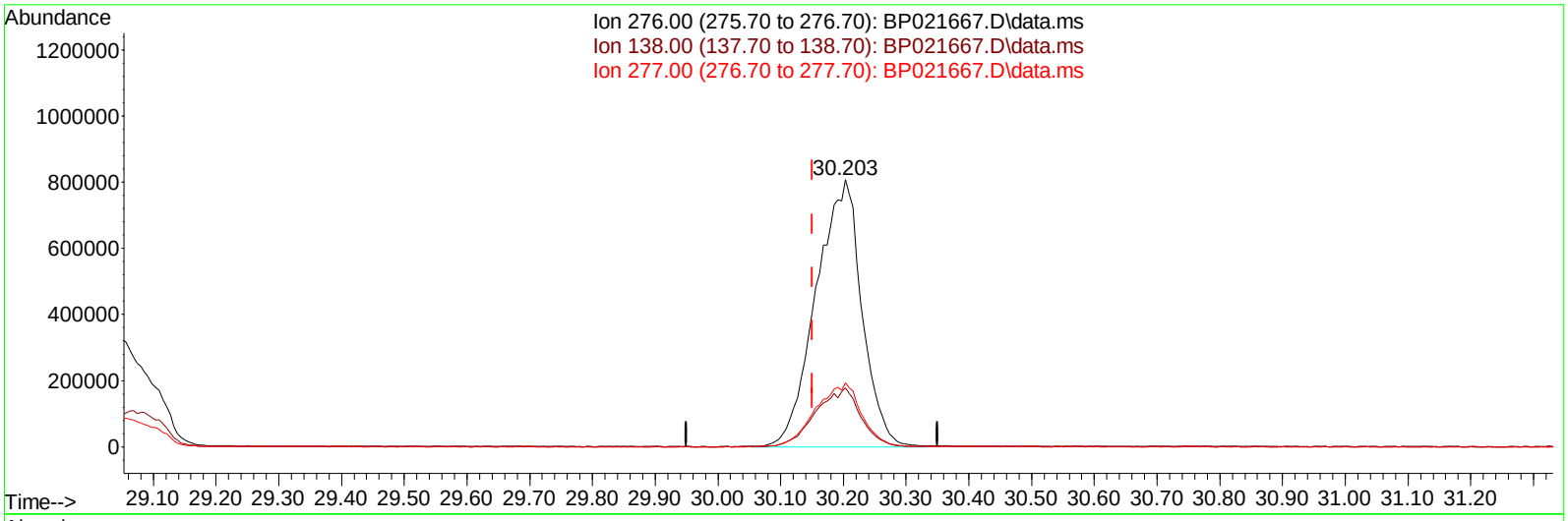

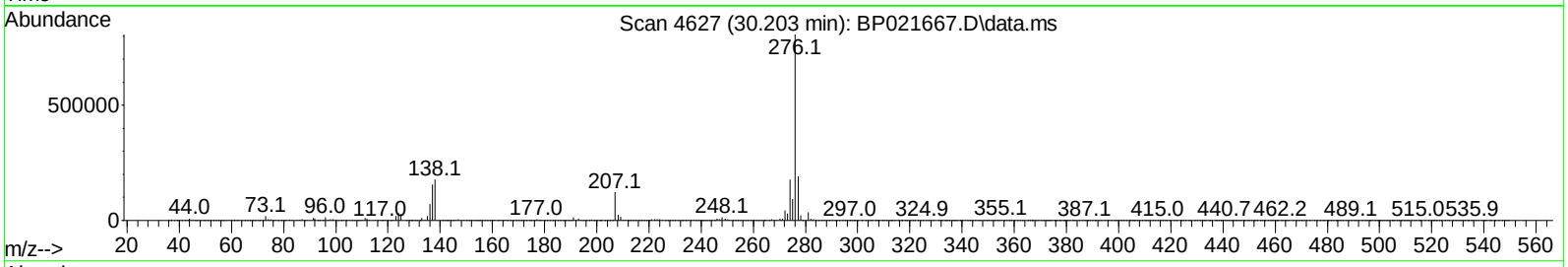

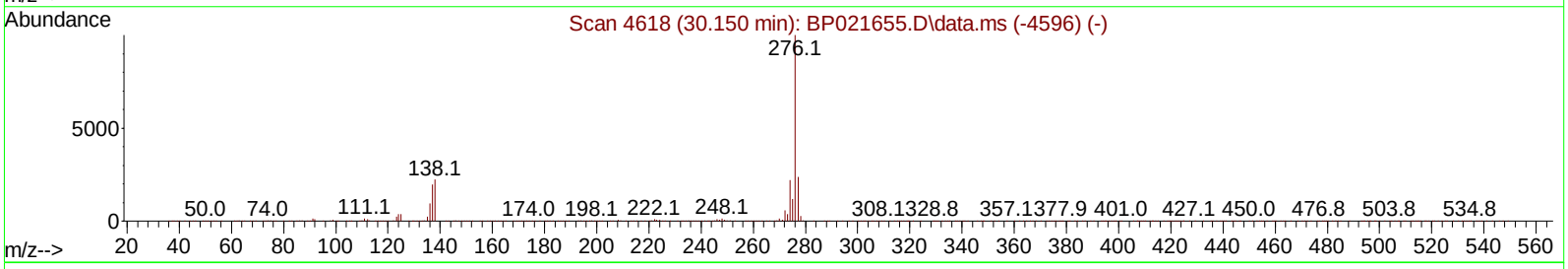

TIC: BP021667.D\data.ms

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

30.203min (+ 0.053) 28.14 ng/ul m

response 4088730

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	22.03
277.00	24.20	23.90
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	333429	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	1400250	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	960303	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	2152460	20.000	ng/ul	0.00
79) Chrysene-d12	21.710	240	2152504	20.000	ng/ul	0.02
88) Perylene-d12	25.121	264	2530011	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	58494	5.824	ng/uL	0.00
4) Pyridine-d5	3.687	84	718074	24.719	ng/ul	0.00
7) Phenol-d5	6.957	99	931419	26.175	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	508161	26.241	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	603125	26.254	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	715716	26.029	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	306851	27.238	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	313585	27.423	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	617569	27.406	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	775136	23.644	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	2015329	27.427	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	2207763	26.761	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	402644	28.802	ng/ul	0.01
60) Fluorene-d10	15.451	176	1696675	27.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	317212	26.795	ng/ul	0.00
73) Anthracene-d10	17.357	188	2694921	26.381	ng/ul	0.00
81) Pyrene-d10	19.721	212	3340791	27.151	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.880	264	3633177	26.931	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	101345	9.495	ng/uL	94
5) Pyridine	3.711	79	720077	24.806	ng/ul	98
6) Benzaldehyde	6.934	77	408819	22.462	ng/ul	98
8) Phenol	6.987	94	971200	26.176	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	759009	26.317	ng/ul	99
12) 2-Chlorophenol	7.363	128	649211	26.925	ng/ul	99
13) 2-Methylphenol	8.228	108	694323	25.940	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	741078	26.622	ng/ul	98
16) Acetophenone	8.604	105	1148855	26.062	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.593	70	548407	26.362	ng/ul	97
18) 4-Methylphenol	8.552	108	769147	26.247	ng/ul	98
19) Hexachloroethane	8.869	117	291673	27.053	ng/ul	95
22) Nitrobenzene	8.981	77	848023	26.996	ng/ul	99
23) Isophorone	9.510	82	1683383	26.705	ng/ul	100
25) 2-Nitrophenol	9.693	139	349871	27.615	ng/ul	97
26) 2,4-Dimethylphenol	9.751	107	681216	21.907	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.987	93	1051900	26.608	ng/ul	98
29) 2,4-Dichlorophenol	10.222	162	610057	26.941	ng/ul	98
30) Naphthalene	10.628	128	2060102	26.104	ng/ul	99
32) 4-Chloroaniline	10.734	127	720513	21.769	ng/ul	100
33) Hexachlorobutadiene	10.922	225	396002	26.064	ng/ul	99
34) Caprolactam	11.510	113	259410	27.091	ng/ul	98
35) 4-Chloro-3-methylphenol	11.857	107	843644	28.149	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	1418475	26.573	ng/ul	100
37) 1-Methylnaphthalene	12.463	142	1433516	26.700	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	785455	25.951	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	382982	22.052	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	453658	23.280	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	517692	24.603	ng/ul	100
43) 1,1'-Biphenyl	13.257	154	1891270	26.031	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	1479964	25.980	ng/ul	98
45) 2-Nitroaniline	13.498	65	525418	29.442	ng/ul	95
47) Dimethylphthalate	13.892	163	2007833	27.289	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	405701	29.898	ng/ul	100
50) Acenaphthylene	14.157	152	2475035	27.895	ng/ul	99
51) 3-Nitroaniline	14.339	138	436034	29.406	ng/ul	97
52) Acenaphthene	14.504	153	1620172	25.966	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	205330	25.276	ng/ul	95
55) 4-Nitrophenol	14.651	109	377035	29.455	ng/ul	96
56) Dibenzofuran	14.851	168	2340717	27.116	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	615557	30.188	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	398203	21.965	ng/ul	97
59) Diethylphthalate	15.286	149	2076660	28.107	ng/ul	100
61) Fluorene	15.510	166	1916942	27.455	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	953926	27.191	ng/ul	99
63) 4-Nitroaniline	15.528	138	478404	33.382	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.592	198	347785	26.262	ng/ul	99
67) N-Nitrosodiphenylamine	15.722	169	1678271	26.505	ng/ul	98
68) 4-Bromophenyl-phenylether	16.422	248	629223	26.480	ng/ul	97
69) Hexachlorobenzene	16.545	284	750425	26.602	ng/ul	100
70) Atrazine	16.710	200	17634	0.734	ng/ul	97
71) Pentachlorophenol	16.892	266	341972	18.942	ng/ul	99
72) Phenanthrene	17.292	178	3262491	27.608	ng/ul	99
74) Anthracene	17.392	178	3177117	26.538	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	779983	24.373	ng/uL	98
76) Pentachlorobenzene	14.769	250	807407	24.342	ng/uL	99
77) Carbazole	17.669	167	3026831	28.111	ng/ul	100
78) Di-n-butylphthalate	18.269	149	3816085	29.116	ng/ul	100
80) Fluoranthene	19.374	202	3968583	27.639	ng/ul	100
82) Pyrene	19.751	202	4133792	27.183	ng/ul	98
83) Butylbenzylphthalate	20.704	149	1764836	28.344	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.598	252	1375899	25.364	ng/ul	98
85) Benzo(a)anthracene	21.686	228	4230079	27.627	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.627	149	2549197	27.739	ng/ul	99
87) Chrysene	21.757	228	3959086	27.474	ng/ul	100
89) Di-n-octyl phthalate	22.939	149	4367899	27.274	ng/ul	100
90) Benzo(b)fluoranthene	24.033	252	4426741	27.963	ng/ul	100
91) Benzo(k)fluoranthene	24.110	252	4280145	27.618	ng/ul	99
93) Benzo(a)pyrene	24.957	252	3945261	27.051	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.997	276	5112781	27.188	ng/ul	99
95) Dibenzo(a,h)anthracene	29.086	278	4198353	27.783	ng/ul	99
96) Benzo(g,h,i)perylene	30.203	276	4088730m	28.141	ng/ul	

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

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