Quantitation Report (Qedit)

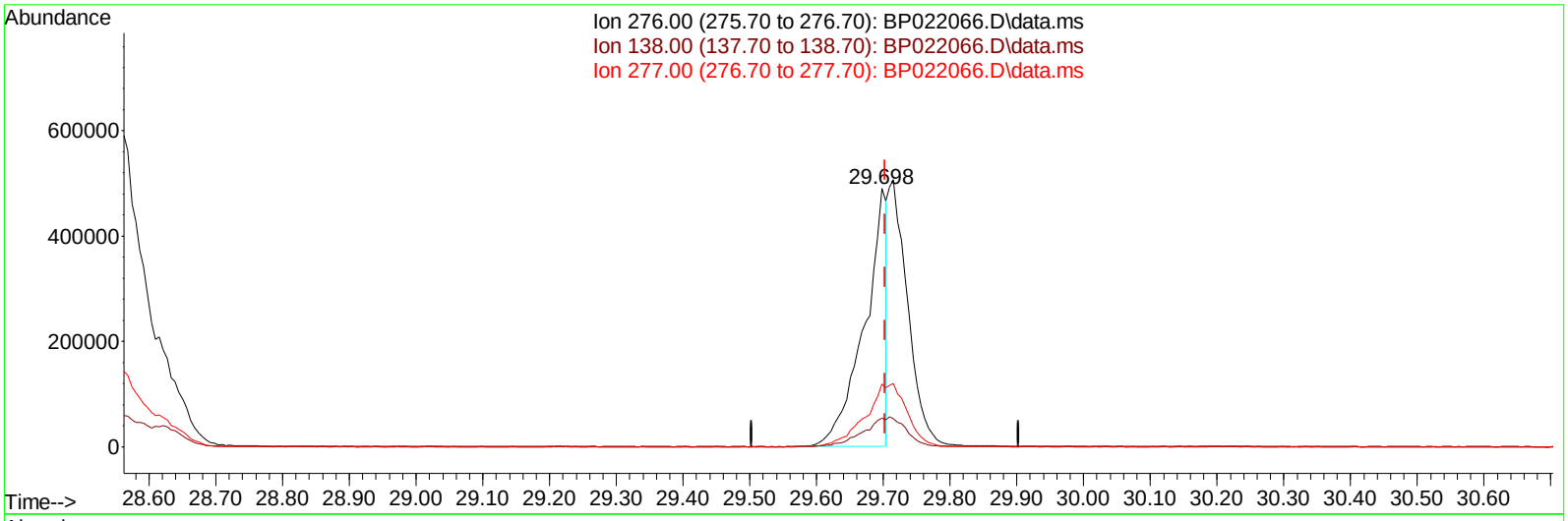
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022066.D
Acq On : 26 Sep 2024 17:13
Operator : RC/JU
Sample : PB163537BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

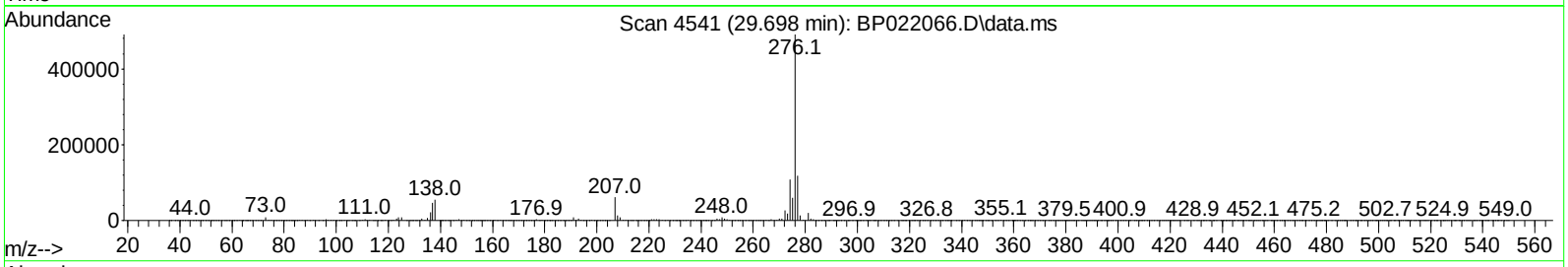
Quant Time: Sep 27 01:18:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

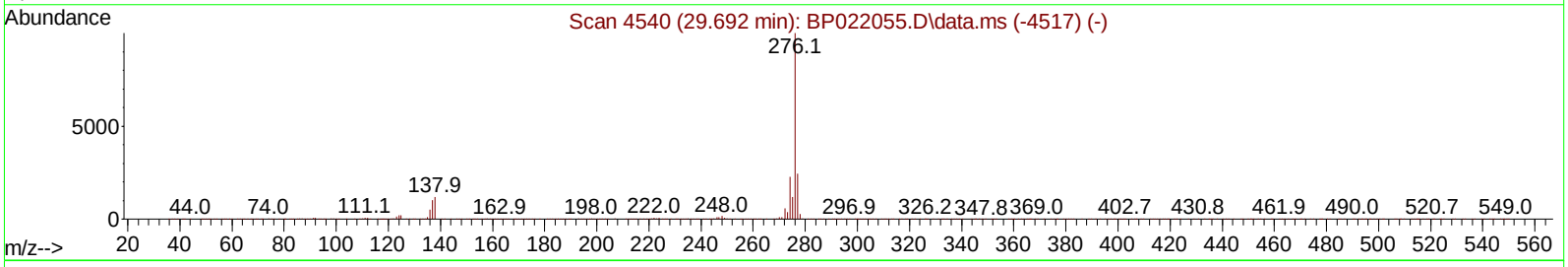
Instrument :
BNA_P
ClientSampleId :
SLCS537

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024







TIC: BP022066.D\data.ms

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

29.698min (-0.006) 14.79 ng/ul

response 1130497

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	11.23
277.00	23.90	24.24
0.00	0.00	0.00

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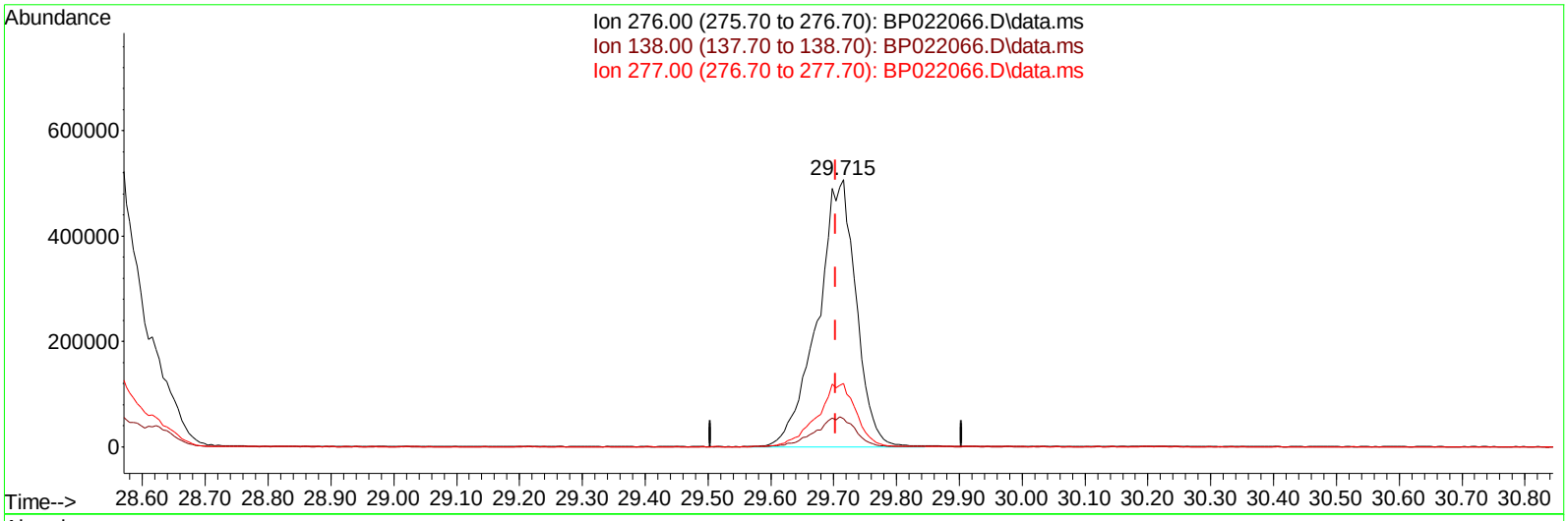

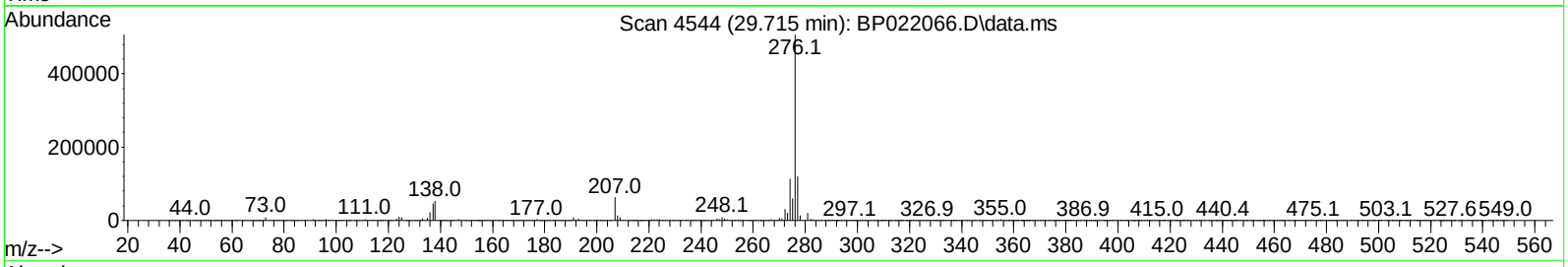

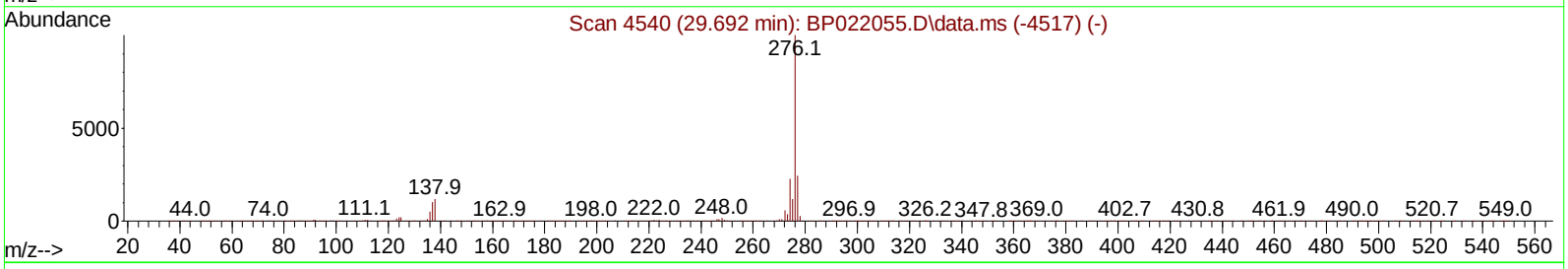

TIC: BP022066.D\data.ms

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

29.715min (+ 0.012) 28.27 ng/ul m

response 2160105

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	10.58
277.00	23.90	23.69
0.00	0.00	0.00

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Sample : PB163537BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	117845	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	457173	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	377325	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	975025	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1134080	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1320410	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	14729	4.896	ng/uL	0.00
4) Pyridine-d5	3.634	84	204885	23.824	ng/ul	0.00
7) Phenol-d5	6.887	99	259366	26.906	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	158732	26.741	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	200252	28.712	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	209935	27.483	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	100754	29.445	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	120068	30.947	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	256638	30.459	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	277185	27.572	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166	854232	29.287	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	905033	29.307	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	142287	28.519	ng/ul	0.00
60) Fluorene-d10	15.322	176	767678	29.754	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	162303	26.812	ng/ul	0.01
73) Anthracene-d10	17.216	188	1307967	28.735	ng/ul	0.00
81) Pyrene-d10	19.586	212	1763038	30.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	2069506	29.799	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	30276	9.290	ng/uL	93
5) Pyridine	3.652	79	203545	23.297	ng/ul	98
6) Benzaldehyde	6.858	77	168460	30.892	ng/ul	98
8) Phenol	6.910	94	270183	26.857	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.134	93	203046	26.371	ng/ul	99
12) 2-Chlorophenol	7.275	128	201977	27.934	ng/ul	99
13) 2-Methylphenol	8.140	108	195666	26.818	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	186572	26.120	ng/ul	96
16) Acetophenone	8.516	105	350377	27.576	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.505	70	190109	28.861	ng/ul	97
18) 4-Methylphenol	8.469	108	219319	27.565	ng/ul	97
19) Hexachloroethane	8.769	117	95930	28.106	ng/ul	95
22) Nitrobenzene	8.887	77	297007	28.390	ng/ul	100
23) Isophorone	9.410	82	522338	28.825	ng/ul	99
25) 2-Nitrophenol	9.587	139	125308	30.186	ng/ul	95
26) 2,4-Dimethylphenol	9.652	107	213389	22.691	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.875	93	296624	28.397	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	251066	29.993	ng/ul	99
30) Naphthalene	10.510	128	665292	27.657	ng/ul	99
32) 4-Chloroaniline	10.622	127	250975	25.207	ng/ul	99
33) Hexachlorobutadiene	10.799	225	220089	29.613	ng/ul	97
34) Caprolactam	11.404	113	79582	31.340	ng/ul	92
35) 4-Chloro-3-methylphenol	11.746	107	272268	30.065	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	521955	29.197	ng/ul	98
37) 1-Methylnaphthalene	12.345	142	530002	29.397	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.493	216	394258	28.182	ng/ul	97
40) Hexachlorocyclopentadiene	12.469	237	221185	25.136	ng/ul	100
41) 2,4,6-Trichlorophenol	12.740	196	245878	29.401	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	273793	30.233	ng/ul	98
43) 1,1'-Biphenyl	13.140	154	752448	27.886	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	609948	28.076	ng/ul	99
45) 2-Nitroaniline	13.392	65	193071	30.734	ng/ul	95
47) Dimethylphthalate	13.781	163	845564	28.863	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	174294	31.034	ng/ul	96
50) Acenaphthylene	14.040	152	911996	28.319	ng/ul	100
51) 3-Nitroaniline	14.222	138	150198	29.375	ng/ul	96
52) Acenaphthene	14.381	153	660817	28.241	ng/ul	97
53) 2,4-Dinitrophenol	14.439	184	75060	19.642	ng/ul	97
55) 4-Nitrophenol	14.545	109	169777	30.079	ng/ul	92
56) Dibenzofuran	14.722	168	995282	28.610	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	266859	30.833	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	265397	30.444	ng/ul	96
59) Diethylphthalate	15.157	149	877621	30.270	ng/ul	99
61) Fluorene	15.381	166	833907	28.824	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	492197	29.550	ng/ul	98
63) 4-Nitroaniline	15.398	138	166486	31.991	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.475	198	173953	26.395	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	730515	28.446	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	352473	30.103	ng/ul	98
69) Hexachlorobenzene	16.404	284	430895	30.308	ng/ul	96
70) Atrazine	16.569	200	308596	26.938	ng/ul	99
71) Pentachlorophenol	16.757	266	241323	25.441	ng/ul	100
72) Phenanthrene	17.157	178	1464011	28.637	ng/ul	100
74) Anthracene	17.251	178	1457719	28.020	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.110	216	388928	26.582	ng/uL	99
76) Pentachlorobenzene	14.634	250	445949	27.716	ng/uL	99
77) Carbazole	17.533	167	1294122	28.224	ng/ul	100
78) Di-n-butylphthalate	18.128	149	1616859	30.586	ng/ul	100
80) Fluoranthene	19.239	202	1985943	29.573	ng/ul	99
82) Pyrene	19.616	202	2099596	29.046	ng/ul	97
83) Butylbenzylphthalate	20.569	149	783831	31.114	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	727587	28.020	ng/ul	100
85) Benzo(a)anthracene	21.521	228	2291490	29.320	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	1153930	31.220	ng/ul	100
87) Chrysene	21.592	228	2089487	28.487	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	1946095	29.835	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2398258	29.259	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	2400329	29.382	ng/ul	99
93) Benzo(a)pyrene	24.668	252	2148001	28.440	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.562	276	2776488	28.194	ng/ul	99
95) Dibenzo(a,h)anthracene	28.621	278	2232973	28.147	ng/ul	97
96) Benzo(g,h,i)perylene	29.715	276	2160105m	28.269	ng/ul	

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

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