Quantitation Report (Qedit)

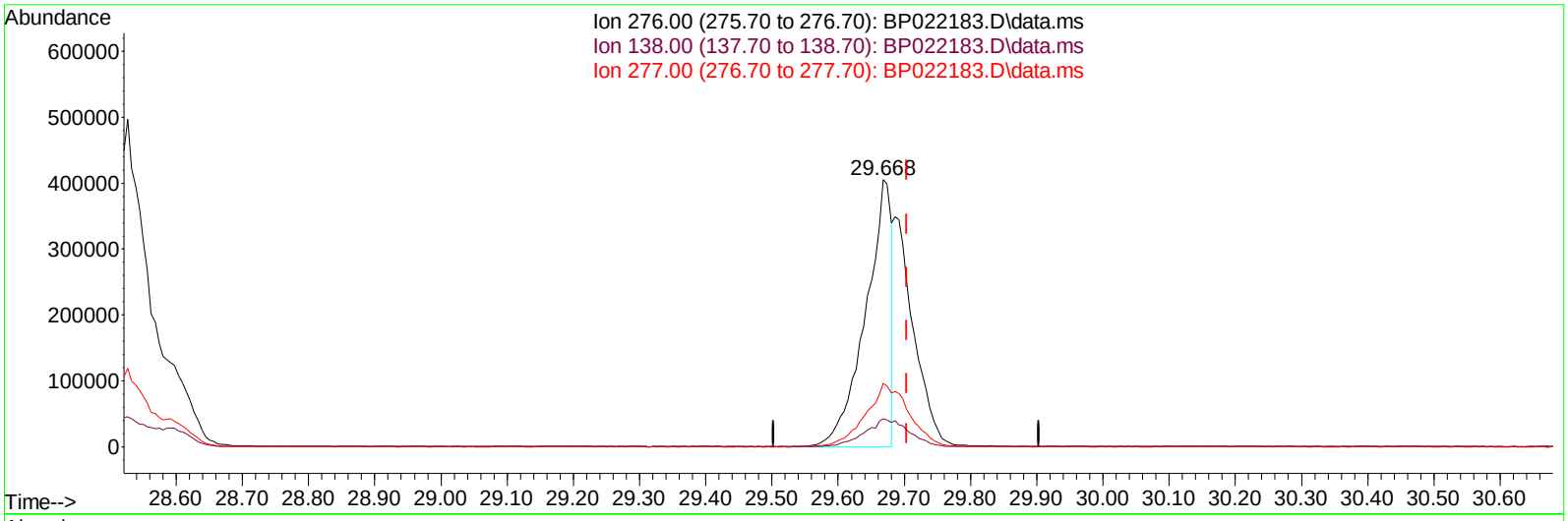
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022183.D
Acq On : 03 Oct 2024 05:41
Operator : RC/JU
Sample : PB163489BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

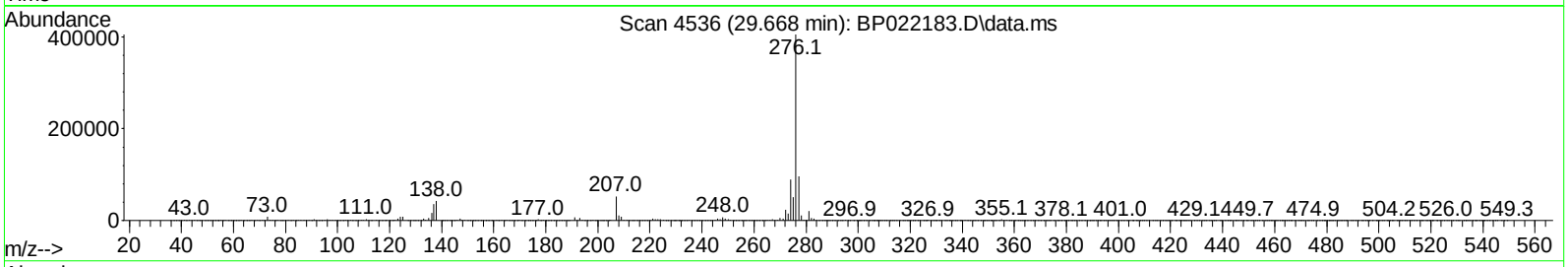
Quant Time: Oct 03 06:24:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

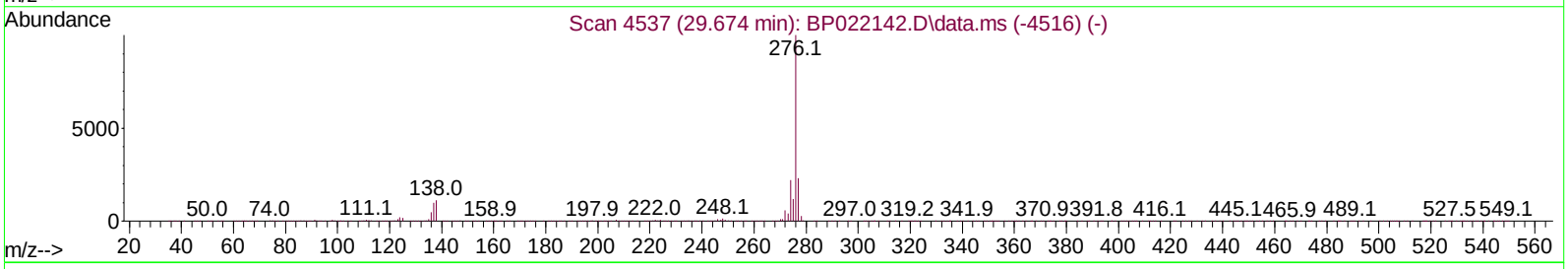
Instrument :
BNA_P
ClientSampleId :
SLCS489

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024







TIC: BP022183.D\data.ms

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

29.668min (-0.035) 16.47 ng/ul

response 1086149

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	10.50
277.00	23.90	23.68
0.00	0.00	0.00

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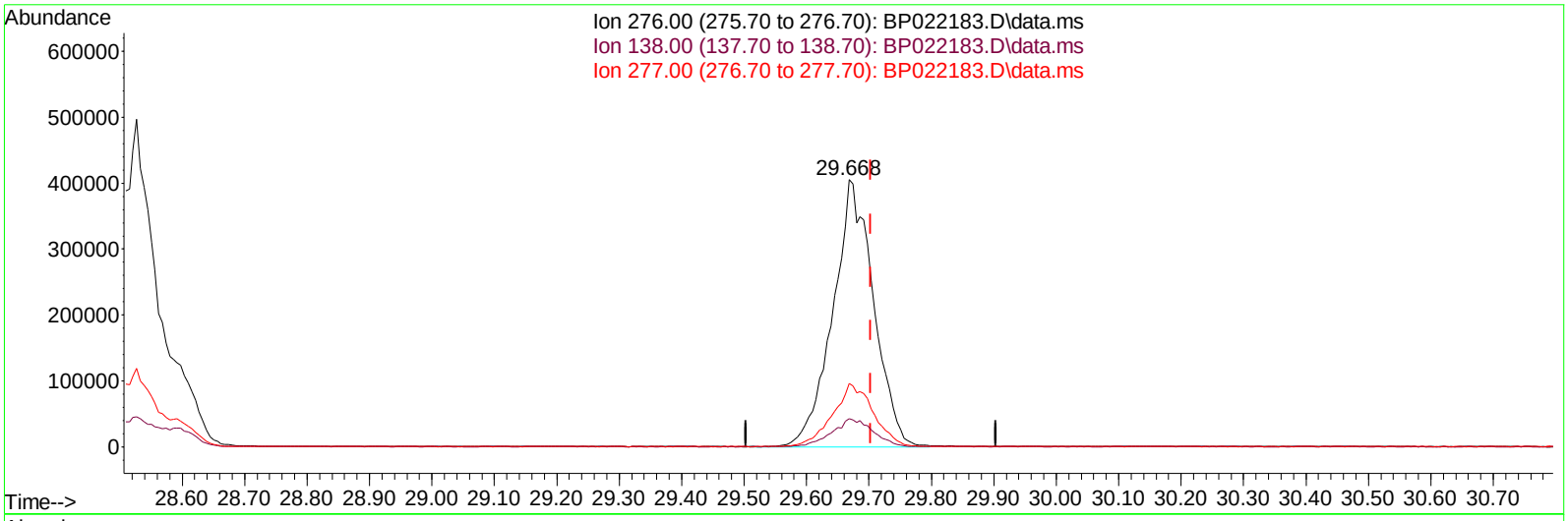

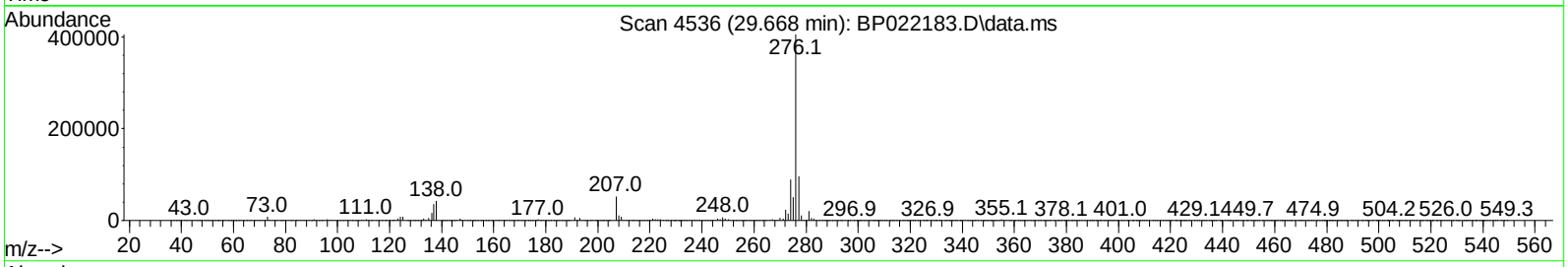

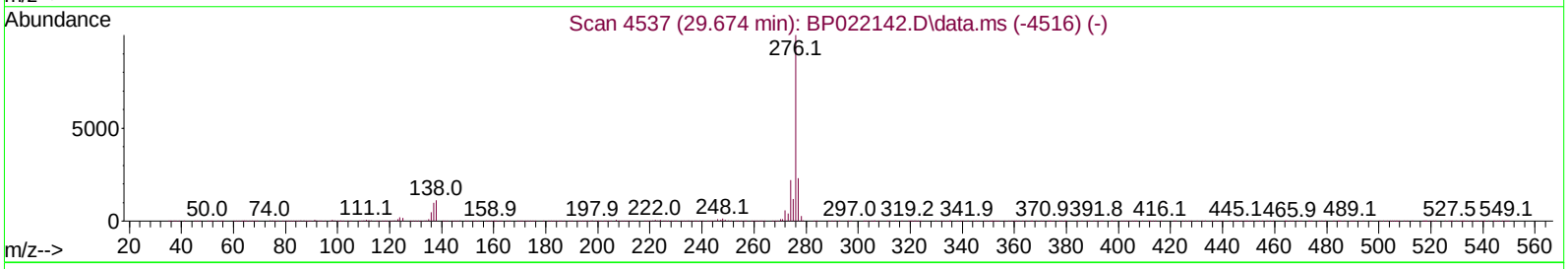

TIC: BP022183.D\data.ms

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

29.668min (-0.035) 27.79 ng/ul m

response 1833065

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	10.50
277.00	23.90	23.68
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	7.699	152	150720	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	589976	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.310	164	448586	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.098	188	1034065	20.000	ng/ul	-0.02
79) Chrysene-d12	21.527	240	975486	20.000	ng/ul	-0.01
88) Perylene-d12	24.810	264	1139671	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	13166	3.422	ng/uL	0.00
4) Pyridine-d5	3.634	84	211540	19.233	ng/ul	0.00
7) Phenol-d5	6.887	99	298161	24.184	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	170443	22.451	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	233111	26.133	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	242775	24.850	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	114604	25.953	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	136949	27.353	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	281925	25.929	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	304998	23.510	ng/ul	-0.01
46) Dimethylphthalate-d6	13.716	166	880893	25.403	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	935363	25.477	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	138112	23.285	ng/ul	0.00
60) Fluorene-d10	15.310	176	760520	24.794	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.445	200	149127	23.229	ng/ul	0.00
73) Anthracene-d10	17.216	188	1207755	25.019	ng/ul	0.00
81) Pyrene-d10	19.575	212	1443831	28.569	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.592	264	1497991	24.990	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	30774	7.383	ng/uL	97
5) Pyridine	3.652	79	214670	19.211	ng/ul	100
6) Benzaldehyde	6.852	77	130674	18.736	ng/ul	93
8) Phenol	6.916	94	341339	26.529	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.134	93	255390	25.934	ng/ul	97
12) 2-Chlorophenol	7.275	128	262618	28.399	ng/ul	97
13) 2-Methylphenol	8.140	108	249724	26.762	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.222	45	229564	25.129	ng/ul	97
16) Acetophenone	8.510	105	434519	26.739	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.499	70	223019	26.472	ng/ul	98
18) 4-Methylphenol	8.469	108	277243	27.245	ng/ul	96
19) Hexachloroethane	8.763	117	117951	27.020	ng/ul	94
22) Nitrobenzene	8.881	77	330955	24.514	ng/ul	96
23) Isophorone	9.405	82	627416	26.830	ng/ul	97
25) 2-Nitrophenol	9.581	139	158856	29.653	ng/ul	98
26) 2,4-Dimethylphenol	9.646	107	256216	21.112	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.875	93	348084	25.823	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	302847	28.035	ng/ul	98
30) Naphthalene	10.510	128	829706	26.728	ng/ul	100
32) 4-Chloroaniline	10.616	127	288715	22.470	ng/ul	98
33) Hexachlorobutadiene	10.793	225	248061	25.864	ng/ul	99
34) Caprolactam	11.399	113	74970	22.878	ng/ul	89
35) 4-Chloro-3-methylphenol	11.746	107	326917	27.973	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	618055	26.791	ng/ul	98
37) 1-Methylnaphthalene	12.334	142	633032	27.208	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.487	216	451069	27.121	ng/ul#	97
40) Hexachlorocyclopentadiene	12.469	237	207084	19.795	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	248182	24.962	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	286979	26.655	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	883011	27.526	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	717644	27.785	ng/ul	98
45) 2-Nitroaniline	13.381	65	202186	27.073	ng/ul	89
47) Dimethylphthalate	13.763	163	963222	27.656	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	198521	29.732	ng/ul	96
50) Acenaphthylene	14.028	152	1094182	28.579	ng/ul	99
51) 3-Nitroaniline	14.216	138	178018	29.285	ng/ul	99
52) Acenaphthene	14.375	153	734272	26.395	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	105830	23.295	ng/ul	99
55) 4-Nitrophenol	14.545	109	160450	23.911	ng/ul	95
56) Dibenzofuran	14.710	168	1108461	26.801	ng/ul	98
57) 2,4-Dinitrotoluene	14.675	165	294508	28.622	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.945	232	224902	21.701	ng/ul	100
59) Diethylphthalate	15.151	149	935650	27.145	ng/ul	99
61) Fluorene	15.369	166	912790	26.539	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.363	204	522967	26.410	ng/ul	98
63) 4-Nitroaniline	15.392	138	187959	30.380	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.463	198	177508	25.397	ng/ul	95
67) N-Nitrosodiphenylamine	15.587	169	787970	28.932	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	373862	30.107	ng/ul	97
69) Hexachlorobenzene	16.392	284	470507	31.204	ng/ul	95
70) Atrazine	16.563	200	2011	0.166	ng/ul	97
71) Pentachlorophenol	16.751	266	198098	19.691	ng/ul	99
72) Phenanthrene	17.145	178	1512145	27.890	ng/ul	99
74) Anthracene	17.251	178	1503518	27.251	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	471002	30.353	ng/uL	98
76) Pentachlorobenzene	14.634	250	455209	26.676	ng/uL	99
77) Carbazole	17.522	167	1322514	27.197	ng/ul	99
78) Di-n-butylphthalate	18.110	149	1605843	28.643	ng/ul	99
80) Fluoranthene	19.233	202	1862085	32.236	ng/ul	98
82) Pyrene	19.610	202	1930641	31.051	ng/ul	96
83) Butylbenzylphthalate	20.557	149	711104	32.817	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.433	252	669169	29.961	ng/ul	97
85) Benzo(a)anthracene	21.510	228	1870016	27.817	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	986302	31.023	ng/ul	99
87) Chrysene	21.574	228	1735557	27.508	ng/ul	100
89) Di-n-octyl phthalate	22.698	149	1685237	29.933	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1946399	27.512	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	1936909	27.469	ng/ul	99
93) Benzo(a)pyrene	24.663	252	1636236	25.100	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.527	276	2376441	27.958	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.598	278	1916053	27.983	ng/ul#	97
96) Benzo(g,h,i)perylene	29.668	276	1833065m	27.793	ng/ul	

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

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