

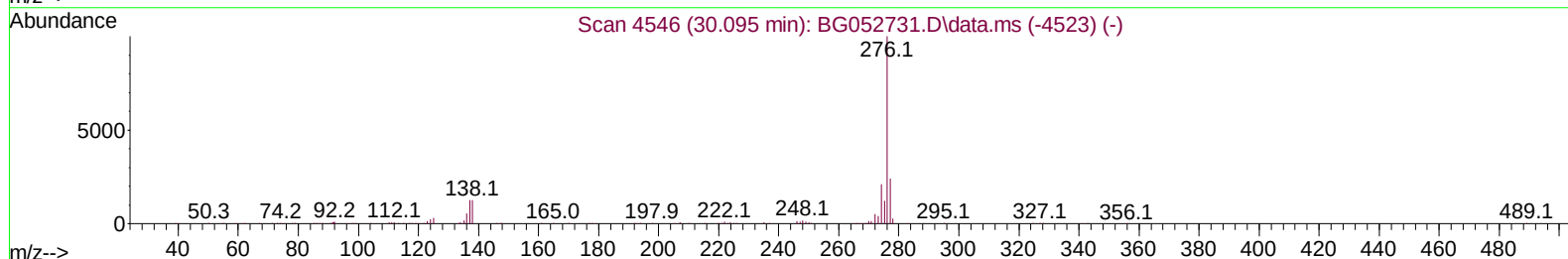
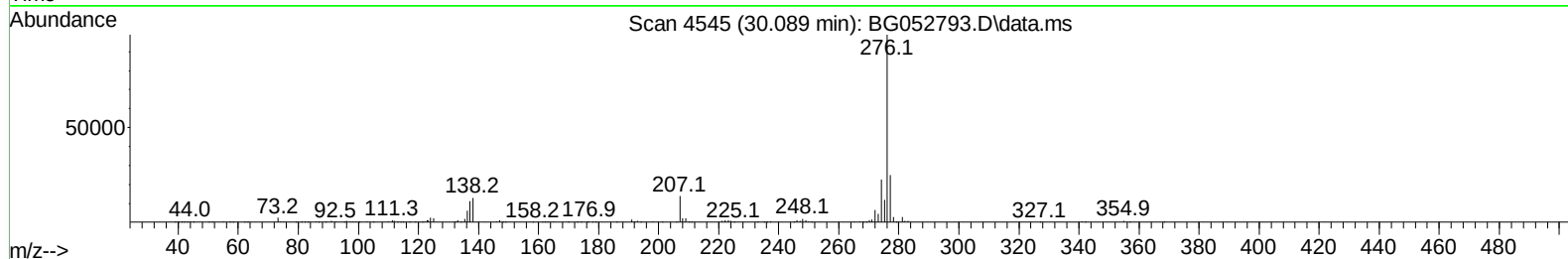
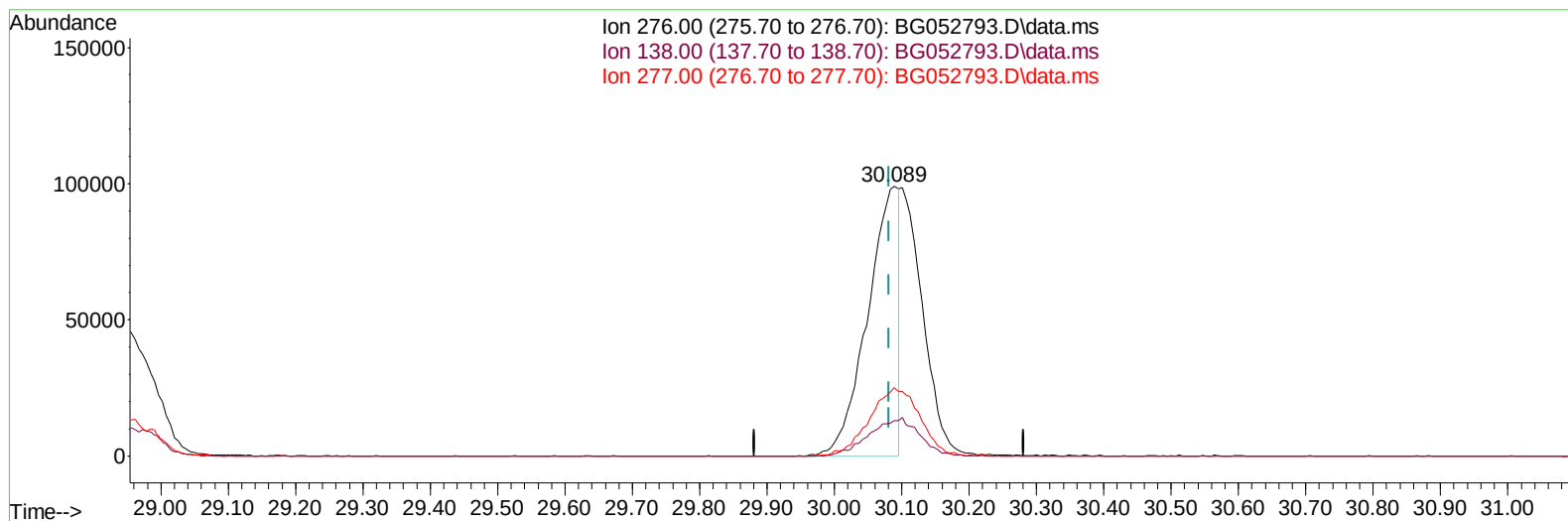
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032322\
 Data File : BG052793.D
 Acq On : 23 Mar 2022 11:58
 Operator : CG/JU
 Sample : N1820-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBRZ5MS

Manual IntegrationsAPPROVED

Quant Time: Mar 23 13:28:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/23/2022
 Supervised By :mohammad ahmed 03/25/2022



TIC: BG052793.D\data.ms

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

30.089min (+ 0.008) 22.63 ng/ul

response 318623

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.10	13.03
277.00	23.80	25.38
0.00	0.00	0.00

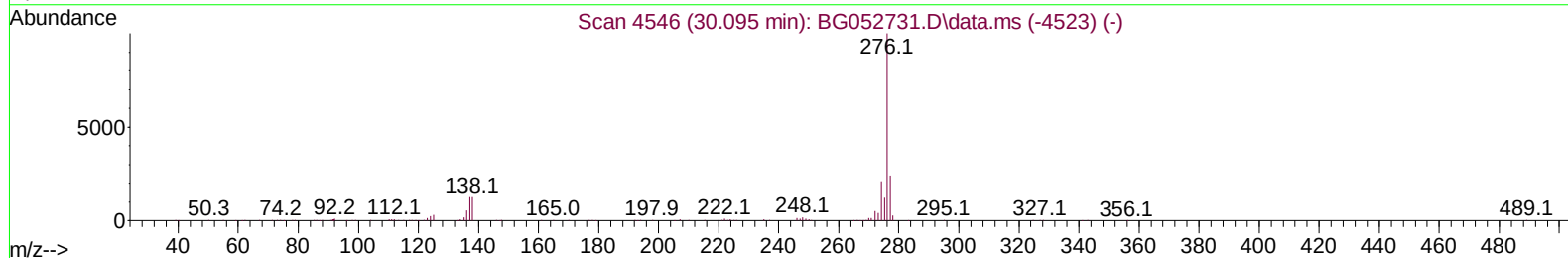
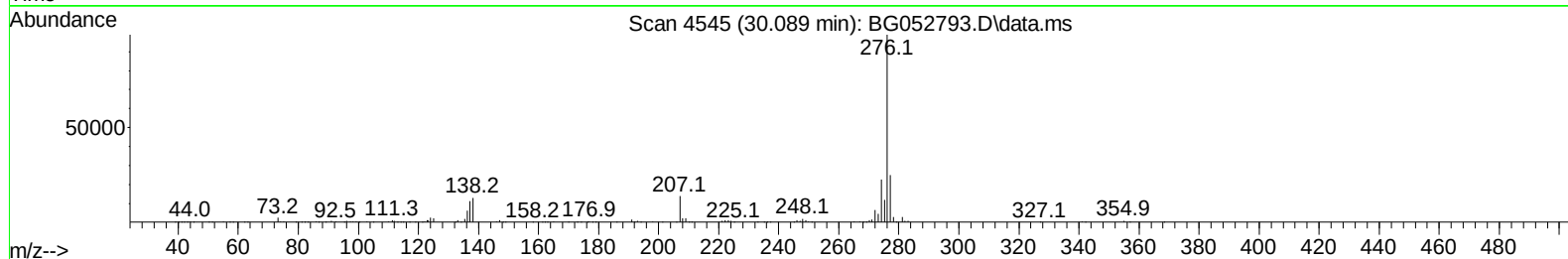
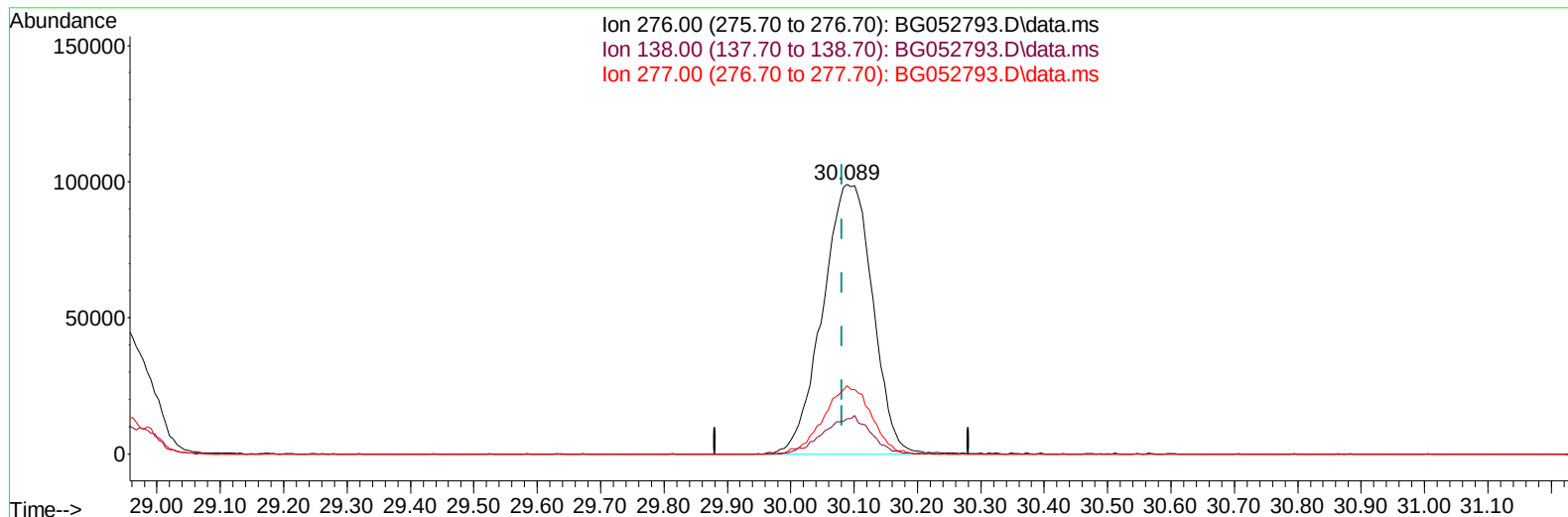
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(96) Benzo(g,h,i)perylene

30.089min (+ 0.008) 38.57 ng/ul m

response 542934

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.10	13.03
277.00	23.80	25.38
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	8.142	152	28900	20.000	ng/ul	0.00
20) Naphthalene-d8	10.956	136	123570	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	98906	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.506	188	239470	20.000	ng/ul	0.00
79) Chrysene-d12	21.800	240	226912	20.000	ng/ul	# 0.00
88) Perylene-d12	25.113	264	241550	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.554	96	4101	5.012	ng/uL	0.00
4) Pyridine-d5	3.971	84	61312	30.017	ng/ul	0.00
7) Phenol-d5	7.285	99	95206	36.781	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.461	67	58783	37.183	ng/ul	0.00
11) 2-Chlorophenol-d4	7.672	132	64000	36.414	ng/ul	0.00
15) 4-Methylphenol-d8	8.841	113	71223	37.985	ng/ul	0.00
21) Nitrobenzene-d5	9.305	128	33679	37.863	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	39569	42.175	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.568	165	76668	37.563	ng/ul	0.00
31) 4-Chloroaniline-d4	11.080	131	88934	32.968	ng/ul	0.00
46) Dimethylphthalate-d6	14.164	166	273954	36.054	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	315198	34.138	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	46496	36.395	ng/ul	0.00
60) Fluorene-d10	15.756	176	237081	35.535	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.861	200	46119	37.844	ng/ul	0.00
73) Anthracene-d10	17.606	188	380650	34.135	ng/ul	0.00
81) Pyrene-d10	19.885	212	461417	36.349	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.884	264	449312	36.000	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.590	88	12237	12.207	ng/uL	91
5) Pyridine	3.989	79	79912	36.208	ng/ul	92
6) Benzaldehyde	7.273	77	70007	40.683	ng/ul	97
8) Phenol	7.314	94	103407	41.451	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.555	93	74521	39.597	ng/ul	97
12) 2-Chlorophenol	7.702	128	71192	39.645	ng/ul	96
13) 2-Methylphenol	8.577	108	79945	41.233	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.671	45	128559	42.026	ng/ul	96
16) Acetophenone	8.965	105	121351	41.485	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.947	70	73495	43.098	ng/ul	99
18) 4-Methylphenol	8.900	108	84496	41.829	ng/ul	99
19) Hexachloroethane	9.235	117	31157	39.105	ng/ul	95
22) Nitrobenzene	9.347	77	105106	40.440	ng/ul	94
23) Isophorone	9.869	82	203863	41.035	ng/ul	98
25) 2-Nitrophenol	10.057	139	42404	43.585	ng/ul#	92
26) 2,4-Dimethylphenol	10.110	107	92065	38.190	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.351	93	108233	39.177	ng/ul	99
29) 2,4-Dichlorophenol	10.598	162	80233	40.431	ng/ul	98
30) Naphthalene	11.009	128	242388	37.904	ng/ul	98
32) 4-Chloroaniline	11.103	127	96635	36.456	ng/ul	100
33) Hexachlorobutadiene	11.297	225	62635	38.647	ng/ul	98
34) Caprolactam	11.867	113	29159	48.787	ng/ul#	72
35) 4-Chloro-3-methylphenol	12.213	107	96609	44.879	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.601	142	179459	39.766	ng/ul	98
37) 1-Methylnaphthalene	12.818	142	182927	40.039	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.971	216	115174	35.230	ng/ul	97
40) Hexachlorocyclopentadiene	12.953	237	69095	30.529	ng/ul	98
41) 2,4,6-Trichlorophenol	13.200	196	76773	38.431	ng/ul	98
42) 2,4,5-Trichlorophenol	13.271	196	85023	39.412	ng/ul	98
43) 1,1'-Biphenyl	13.600	154	253794	35.909	ng/ul	97
44) 2-Chloronaphthalene	13.647	162	198611	35.094	ng/ul	96
45) 2-Nitroaniline	13.835	65	75397	45.448	ng/ul	94
47) Dimethylphthalate	14.211	163	277392	38.255	ng/ul	98
48) 2,6-Dinitrotoluene	14.328	165	56329	42.883	ng/ul	93
50) Acenaphthylene	14.487	152	324730	36.416	ng/ul	98
51) 3-Nitroaniline	14.651	138	54111	40.812	ng/ul	97
52) Acenaphthene	14.827	153	216060	37.088	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	35230	43.173	ng/ul#	71
55) 4-Nitrophenol	14.951	109	59028	43.903	ng/ul	93
56) Dibenzofuran	15.162	168	324734	37.600	ng/ul	99
57) 2,4-Dinitrotoluene	15.109	165	79961	42.904	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.385	232	82759	42.560	ng/ul#	99
59) Diethylphthalate	15.573	149	298046	40.585	ng/ul	99
61) Fluorene	15.808	166	268079	37.448	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.797	204	147312	38.672	ng/ul	97
63) 4-Nitroaniline	15.814	138	57446	44.059	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.873	198	50406	42.274	ng/ul	92
67) N-Nitrosodiphenylamine	16.008	169	242073	37.388	ng/ul	97
68) 4-Bromophenyl-phenylether	16.695	248	105713	44.584	ng/ul	96
69) Hexachlorobenzene	16.819	284	117861	38.481	ng/ul	93
70) Atrazine	16.954	200	106625	40.183	ng/ul	97
71) Pentachlorophenol	17.154	266	72408	38.876	ng/ul	94
72) Phenanthrene	17.553	178	473355	37.663	ng/ul	98
74) Anthracene	17.641	178	459307	36.554	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.570	216	124098	34.795	ng/uL	99
76) Pentachlorobenzene	15.086	250	130935	38.265	ng/uL	98
77) Carbazole	17.906	167	417692	37.614	ng/ul	97
78) Di-n-butylphthalate	18.464	149	502151	38.027	ng/ul	98
80) Fluoranthene	19.556	202	588838	39.364	ng/ul	99
82) Pyrene	19.921	202	575263	38.690	ng/ul	96
83) Butylbenzylphthalate	20.796	149	214831	41.558	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.683	252	179292	35.253	ng/ul	93
85) Benzo(a)anthracene	21.777	228	548534	37.455	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.677	149	296732	41.443	ng/ul	100
87) Chrysene	21.847	228	529421	37.900	ng/ul	99
89) Di-n-octyl phthalate	22.928	149	514054	40.858	ng/ul	100
90) Benzo(b)fluoranthene	24.056	252	585248	37.522	ng/ul	100
91) Benzo(k)fluoranthene	24.127	252	548387	38.096	ng/ul	99
93) Benzo(a)pyrene	24.961	252	551572	37.456	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.908	276	647831	38.899	ng/ul	99
95) Dibenzo(a,h)anthracene	28.973	278	546616	38.617	ng/ul	99
96) Benzo(g,h,i)perylene	30.089	276	542934m	38.566	ng/ul	

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

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