

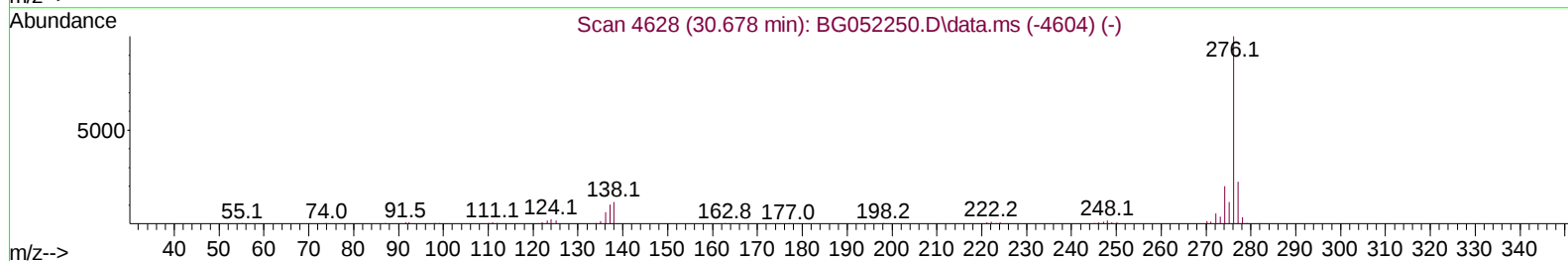
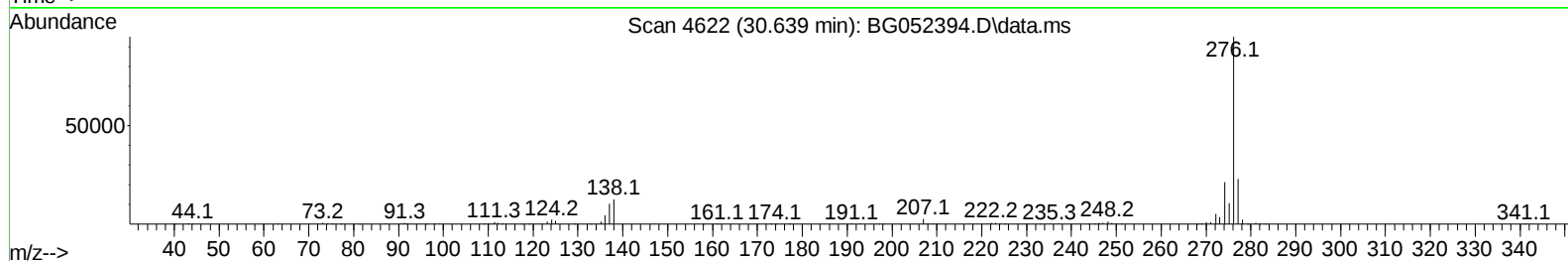
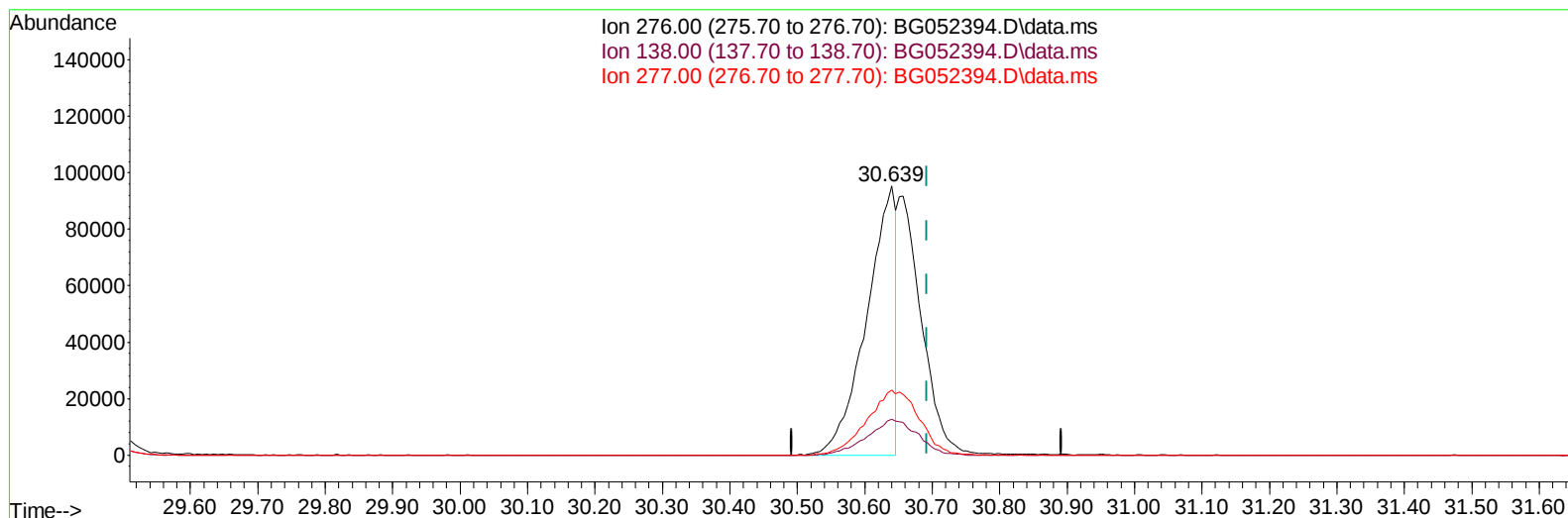
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021522\
Data File : BG052394.D
Acq On : 15 Feb 2022 16:08
Operator : CG/JU
Sample : N1478-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBCW3MS

Manual IntegrationsAPPROVED

Quant Time: Feb 15 16:47:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 18:07:10 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/16/2022



TIC: BG052394.D\data.ms

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

30.639min (-0.052) 24.70 ng/u1

response 285759

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	13.36#
277.00	22.00	24.25
0.00	0.00	0.00

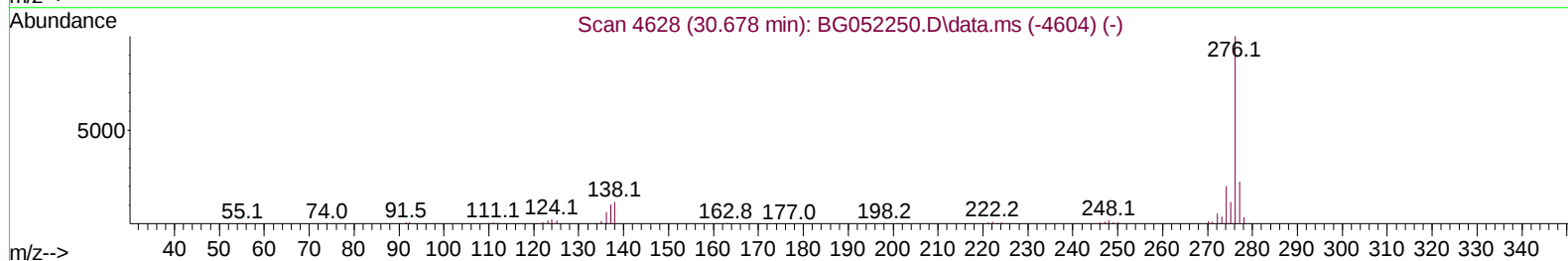
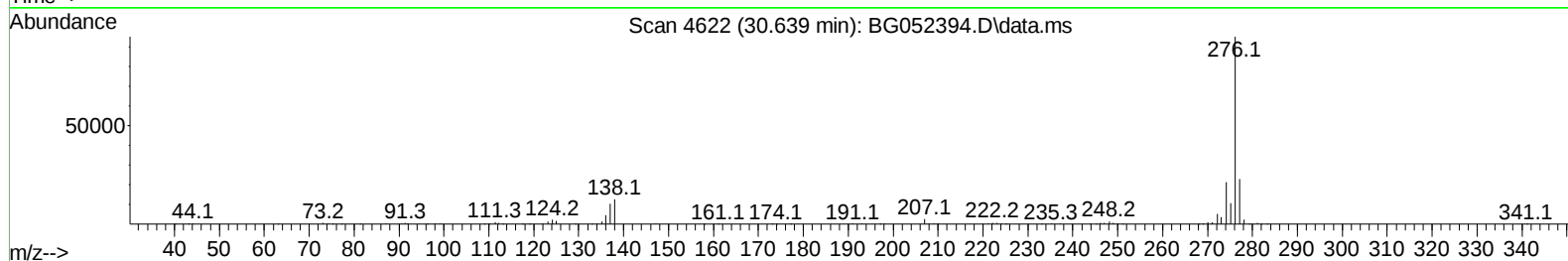
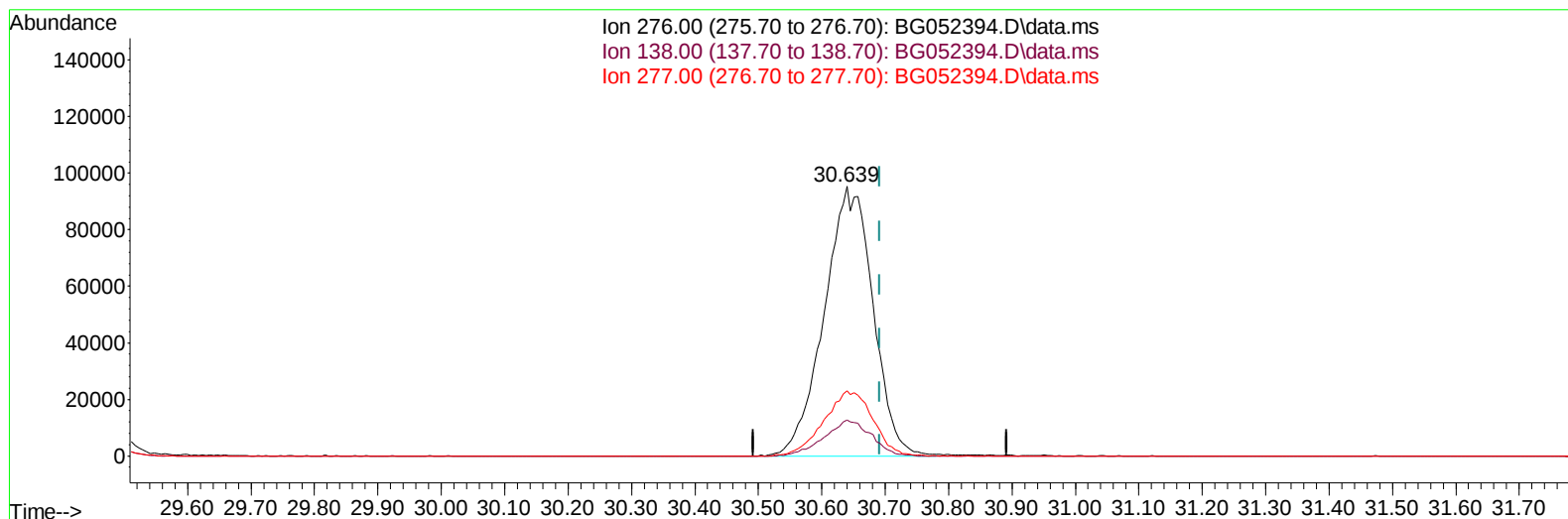
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TIC: BG052394.D\data.ms

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

30.639min (-0.052) 43.95 ng/ul m

response 508503

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	13.36#
277.00	22.00	24.25
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	8.217	152	22632	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.060	136	97117	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.867	164	70738	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.616	188	177264	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.934	240	181931	20.000	ng/ul	#-0.01
88) Perylene-d12	25.400	264	188661	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	2735	4.875	ng/uL	-0.02
4) Pyridine-d5	3.981	84	8017	4.595	ng/ul	0.00
7) Phenol-d5	7.365	99	17661	8.579	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.524	67	44937	35.931	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.753	132	40728	28.392	ng/ul	-0.01
15) 4-Methylphenol-d8	8.928	113	31270	20.017	ng/ul	-0.01
21) Nitrobenzene-d5	9.392	128	28008	35.419	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.126	143	30816	35.663	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.672	165	56739	33.682	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.189	131	30158	14.114	ng/ul	-0.01
46) Dimethylphthalate-d6	14.256	166	236768	42.582	ng/ul	-0.01
49) Acenaphthylene-d8	14.561	160	267590	38.611	ng/ul	-0.02
54) 4-Nitrophenol-d4	15.055	143	9955	11.821	ng/ul	0.00
60) Fluorene-d10	15.859	176	208773	42.858	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.971	200	48209	44.052	ng/ul	-0.01
73) Anthracene-d10	17.716	188	362887	43.423	ng/ul	-0.01
81) Pyrene-d10	19.995	212	466127	42.750	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.159	264	446344	44.533	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.582	88	3474	5.556	ng/uL#	90
5) Pyridine	3.999	79	9609	5.259	ng/ul	97
6) Benzaldehyde	7.342	77	47311	40.538	ng/ul	92
8) Phenol	7.394	94	19426	9.416	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.624	93	53533	34.337	ng/ul	94
12) 2-Chlorophenol	7.782	128	42940	28.997	ng/ul	95
13) 2-Methylphenol	8.663	108	34022	21.912	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.746	45	77279	34.705	ng/ul	100
16) Acetophenone	9.045	105	90345	37.292	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.028	70	53815	37.032	ng/ul	98
18) 4-Methylphenol	8.992	108	32937	20.136	ng/ul	95
19) Hexachloroethane	9.321	117	21206	33.252	ng/ul	88
22) Nitrobenzene	9.433	77	74950	33.982	ng/ul	100
23) Isophorone	9.962	82	144243	35.344	ng/ul	97
25) 2-Nitrophenol	10.155	139	31928	33.799	ng/ul	95
26) 2,4-Dimethylphenol	10.208	107	56742	29.131	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.443	93	75195	34.355	ng/ul	98
29) 2,4-Dichlorophenol	10.702	162	51542	31.652	ng/ul	89
30) Naphthalene	11.113	128	181633	34.205	ng/ul	97
32) 4-Chloroaniline	11.213	127	30206	13.711	ng/ul	96
33) Hexachlorobutadiene	11.401	225	42505	31.999	ng/ul	98
34) Caprolactam	11.959	113	3335	6.315	ng/ul#	88
35) 4-Chloro-3-methylphenol	12.323	107	58487	33.300	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.705	142	137164	36.810	ng/ul	92
37) 1-Methylnaphthalene	12.922	142	138709	36.183	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.075	216	85237	33.476	ng/ul	97
40) Hexachlorocyclopentadiene	13.052	237	31883	21.934	ng/ul	99
41) 2,4,6-Trichlorophenol	13.304	196	53281	35.046	ng/ul	99
42) 2,4,5-Trichlorophenol	13.380	196	58546	35.754	ng/ul	97
43) 1,1'-Biphenyl	13.704	154	197722	35.654	ng/ul#	92
44) 2-Chloronaphthalene	13.751	162	149118	35.144	ng/ul	98
45) 2-Nitroaniline	13.944	65	58203	40.739	ng/ul	95
47) Dimethylphthalate	14.309	163	221517	41.102	ng/ul	99
48) 2,6-Dinitrotoluene	14.432	165	50079	43.073	ng/ul	86
50) Acenaphthylene	14.591	152	259333	37.332	ng/ul	96
51) 3-Nitroaniline	14.761	138	39813	40.015	ng/ul	93
52) Acenaphthene	14.931	153	168472	36.995	ng/ul	95
53) 2,4-Dinitrophenol	14.972	184	23993	39.740	ng/ul	92
55) 4-Nitrophenol	15.072	109	9717	11.009	ng/ul	88
56) Dibenzofuran	15.266	168	253033	38.376	ng/ul	99
57) 2,4-Dinitrotoluene	15.219	165	77839	46.702	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.489	232	58767	40.999	ng/ul#	90
59) Diethylphthalate	15.666	149	238815	43.701	ng/ul	99
61) Fluorene	15.912	166	219030	40.031	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.895	204	118710	39.450	ng/ul	93
63) 4-Nitroaniline	15.924	138	50000	51.789	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.989	198	47281	45.363	ng/ul#	94
67) N-Nitrosodiphenylamine	16.112	169	199655	41.083	ng/ul	95
68) 4-Bromophenyl-phenylether	16.794	248	87315	40.804	ng/ul#	86
69) Hexachlorobenzene	16.929	284	99905	41.542	ng/ul#	88
70) Atrazine	17.052	200	74747	34.863	ng/ul	97
71) Pentachlorophenol	17.269	266	44018	38.174	ng/ul	94
72) Phenanthrene	17.663	178	393762	42.165	ng/ul	99
74) Anthracene	17.751	178	390327	42.349	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.674	216	90720	30.655	ng/uL	95
76) Pentachlorobenzene	15.190	250	100781	36.915	ng/uL	98
77) Carbazole	18.015	167	363793	45.285	ng/ul	98
78) Di-n-butylphthalate	18.556	149	424350	44.041	ng/ul	99
80) Fluoranthene	19.660	202	525348	40.915	ng/ul#	91
82) Pyrene	20.024	202	509676	40.547	ng/ul#	90
83) Butylbenzylphthalate	20.888	149	190779	43.386	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.810	252	136847	35.128	ng/ul#	98
85) Benzo(a)anthracene	21.910	228	516587	42.217	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.787	149	269126	42.697	ng/ul#	99
87) Chrysene	21.981	228	493179	42.656	ng/ul	98
89) Di-n-octyl phthalate	23.079	149	453251	42.346	ng/ul	100
90) Benzo(b)fluoranthene	24.289	252	553646	42.320	ng/ul#	95
91) Benzo(k)fluoranthene	24.360	252	504581	42.156	ng/ul#	95
93) Benzo(a)pyrene	25.241	252	511978	41.961	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.394	276	608275	44.754	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.459	278	510781	45.324	ng/ul#	94
96) Benzo(g,h,i)perylene	30.639	276	508503m	43.952	ng/ul	

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

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