

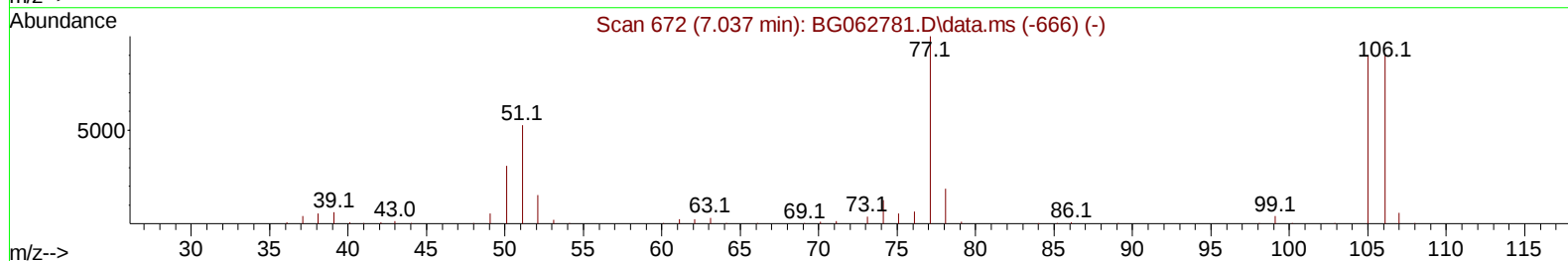
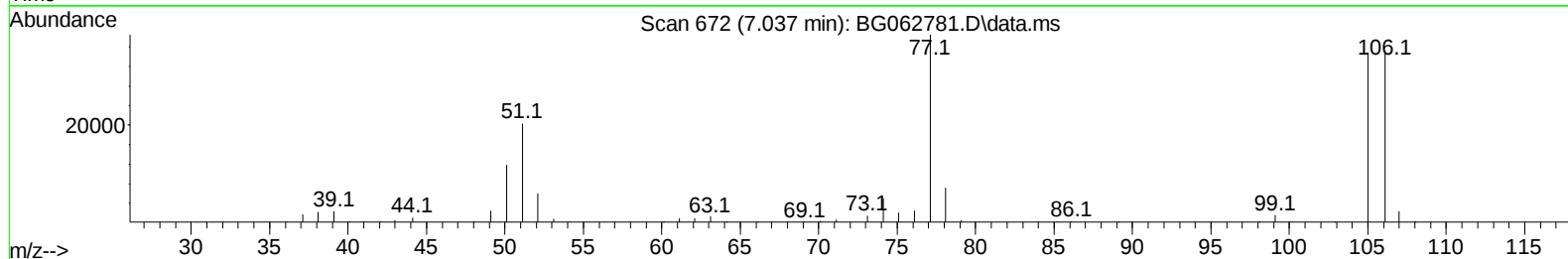
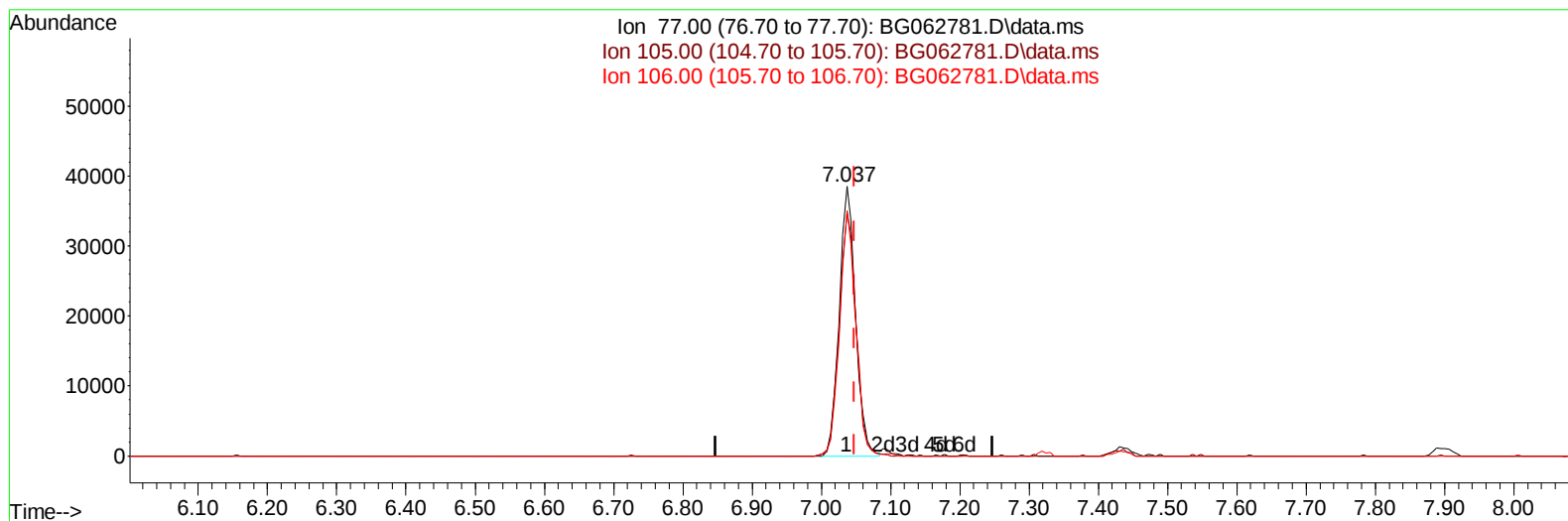
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062781.D
Acq On : 13 Sep 2024 10:22
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Sep 13 23:00:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062781.D\data.ms

(6) Benzaldehyde

7.037min (-0.011) 22.42 ng/u1

response 63103

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	90.47
106.00	86.30	91.19
0.00	0.00	0.00

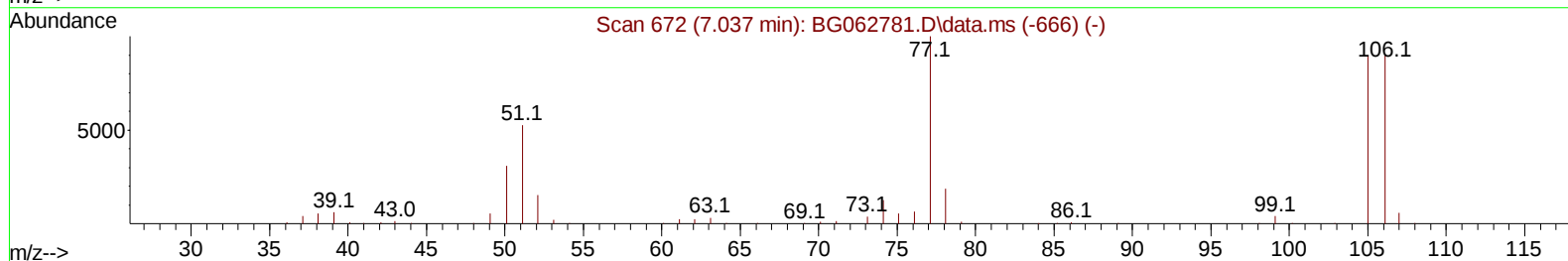
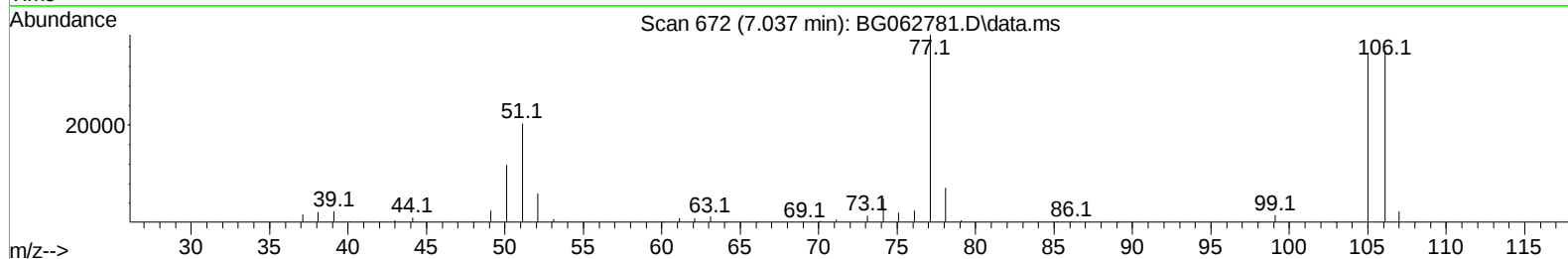
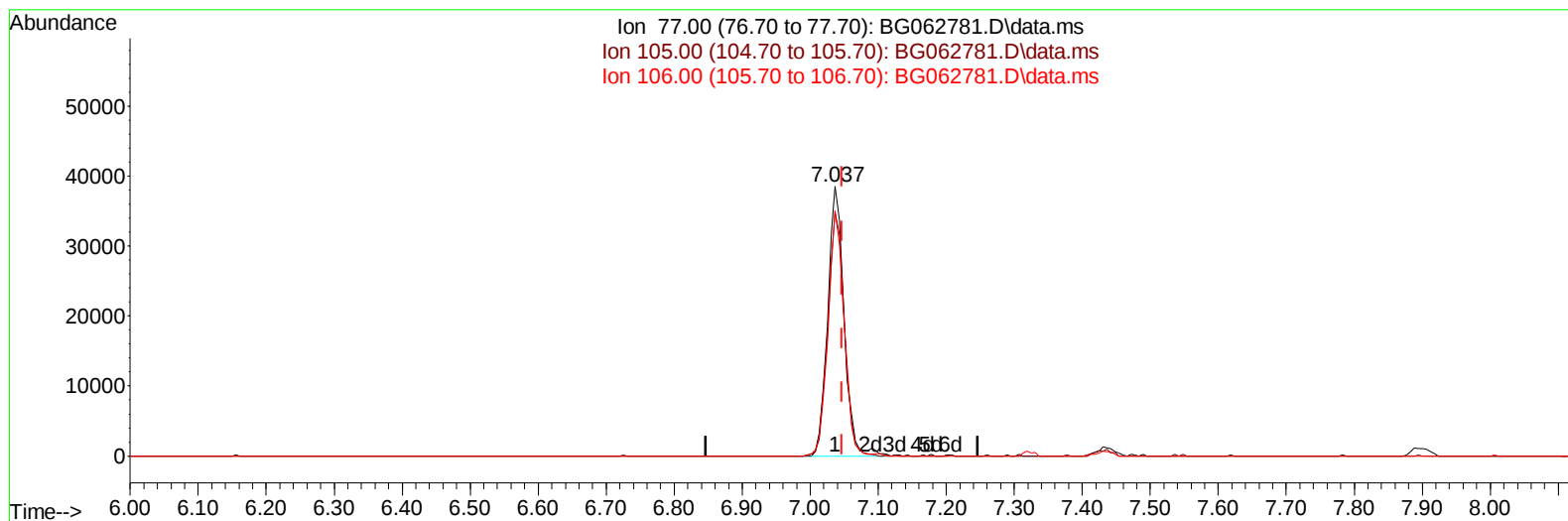
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(6) Benzaldehyde

7.037min (-0.011) 22.78 ng/ul m

response 64105

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	90.47
106.00	86.30	91.19
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	7.900	152	58382	20.000	ng/ul	0.00
20) Naphthalene-d8	10.691	136	243833	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	187533	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.272	188	490661	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	537451	20.000	ng/ul	0.00
88) Perylene-d12	24.575	264	585485	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	10265	7.948	ng/uL	0.00
4) Pyridine-d5	3.764	84	73094	17.779	ng/ul	0.00
7) Phenol-d5	7.066	99	95870	18.727	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	57370	18.692	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.430	132	72143	19.347	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	76801	18.002	ng/ul	-0.01
21) Nitrobenzene-d5	9.052	128	35024	20.097	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	37508	19.680	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165	84041	20.248	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.821	131	105424	18.478	ng/ul	-0.01
46) Dimethylphthalate-d6	13.935	166	274620	19.016	ng/ul	0.00
49) Acenaphthylene-d8	14.217	160	310627	19.367	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.722	143	46578	18.986	ng/ul	-0.01
60) Fluorene-d10	15.521	176	250318	19.235	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	46745	16.562	ng/ul	0.00
73) Anthracene-d10	17.372	188	463666	20.023	ng/ul	0.00
81) Pyrene-d10	19.663	212	609559	20.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.369	264	610107	19.735	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	12346	8.529	ng/uL	97
5) Pyridine	3.782	79	77950	18.077	ng/ul	98
6) Benzaldehyde	7.037	77	64105m	22.775	ng/ul	
8) Phenol	7.090	94	97677	18.354	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.319	93	75011	18.646	ng/ul	96
12) 2-Chlorophenol	7.466	128	75867	19.898	ng/ul	94
13) 2-Methylphenol	8.341	108	74145	18.580	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.417	45	131753	18.195	ng/ul	98
16) Acetophenone	8.717	105	125097	18.042	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.699	70	65337	18.001	ng/ul	94
18) 4-Methylphenol	8.664	108	80348	17.896	ng/ul	90
19) Hexachloroethane	8.976	117	30290	19.734	ng/ul	97
22) Nitrobenzene	9.093	77	93795	19.895	ng/ul	96
23) Isophorone	9.616	82	182237	18.907	ng/ul	96
25) 2-Nitrophenol	9.804	139	40928	19.484	ng/ul	97
26) 2,4-Dimethylphenol	9.869	107	90454	20.152	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.098	93	102375	19.005	ng/ul	95
29) 2,4-Dichlorophenol	10.339	162	82860	20.269	ng/ul	96
30) Naphthalene	10.744	128	256479	19.618	ng/ul	99
32) 4-Chloroaniline	10.844	127	105293	18.556	ng/ul	100
33) Hexachlorobutadiene	11.026	225	70972	20.840	ng/ul	88
34) Caprolactam	11.596	113	27112	17.994	ng/ul	95
35) 4-Chloro-3-methylphenol	11.972	107	83397	18.701	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.348	142	189507	19.640	ng/ul	94
37) 1-Methylnaphthalene	12.571	142	190349	19.259	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.718	216	128381	19.913	ng/ul	98
40) Hexachlorocyclopentadiene	12.701	237	62834	19.047	ng/ul	93
41) 2,4,6-Trichlorophenol	12.959	196	77521	19.851	ng/ul	97
42) 2,4,5-Trichlorophenol	13.030	196	81595	19.461	ng/ul	96
43) 1,1'-Biphenyl	13.359	154	258345	19.590	ng/ul	98
44) 2-Chloronaphthalene	13.400	162	210358	19.616	ng/ul	98
45) 2-Nitroaniline	13.600	65	55574	18.886	ng/ul	98
47) Dimethylphthalate	13.982	163	283620	19.070	ng/ul	99
48) 2,6-Dinitrotoluene	14.099	165	50123	19.130	ng/ul	99
50) Acenaphthylene	14.246	152	331622	19.584	ng/ul	99
51) 3-Nitroaniline	14.428	138	52321	19.945	ng/ul	94
52) Acenaphthene	14.593	153	232295	19.367	ng/ul	96
53) 2,4-Dinitrophenol	14.634	184	25260	14.600	ng/ul	92
55) 4-Nitrophenol	14.739	109	43550	19.749	ng/ul	92
56) Dibenzofuran	14.927	168	343891	19.300	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	79668	19.447	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	81620	19.209	ng/ul#	95
59) Diethylphthalate	15.345	149	280479	19.117	ng/ul	99
61) Fluorene	15.574	166	271689	19.410	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.568	204	158149	19.262	ng/ul	95
63) 4-Nitroaniline	15.586	138	59226	20.981	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.650	198	49146	16.799	ng/ul#	88
67) N-Nitrosodiphenylamine	15.785	169	244734	19.449	ng/ul	98
68) 4-Bromophenyl-phenylether	16.461	248	111164	19.689	ng/ul	92
69) Hexachlorobenzene	16.578	284	123608	19.174	ng/ul	96
70) Atrazine	16.731	200	114326	20.399	ng/ul	96
71) Pentachlorophenol	16.925	266	63750	16.533	ng/ul	95
72) Phenanthrene	17.313	178	505094	19.795	ng/ul	99
74) Anthracene	17.407	178	519704	19.979	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.323	216	133622	19.942	ng/ul	98
76) Pentachlorobenzene	14.851	250	140703	18.949	ng/ul	98
77) Carbazole	17.671	167	445926	20.672	ng/ul	98
78) Di-n-butylphthalate	18.241	149	531403	20.830	ng/ul	99
80) Fluoranthene	19.328	202	673664	20.112	ng/ul	99
82) Pyrene	19.692	202	722318	20.033	ng/ul	100
83) Butylbenzylphthalate	20.586	149	227791	21.282	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.420	252	246469	21.782	ng/ul	98
85) Benzo(a)anthracene	21.502	228	738447	19.755	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.420	149	329129	20.883	ng/ul	99
87) Chrysene	21.561	228	690560	19.473	ng/ul	100
89) Di-n-octyl phthalate	22.571	149	554920	20.376	ng/ul	100
90) Benzo(b)fluoranthene	23.611	252	710372	19.652	ng/ul	100
91) Benzo(k)fluoranthene	23.676	252	724633	19.577	ng/ul	96
93) Benzo(a)pyrene	24.434	252	671310	19.689	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.024	276	845333	20.123	ng/ul	98
95) Dibenzo(a,h)anthracene	28.083	278	684504	20.286	ng/ul	99
96) Benzo(g,h,i)perylene	29.105	276	642785	19.812	ng/ul	100

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

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