Quantitation Report (Qedit)

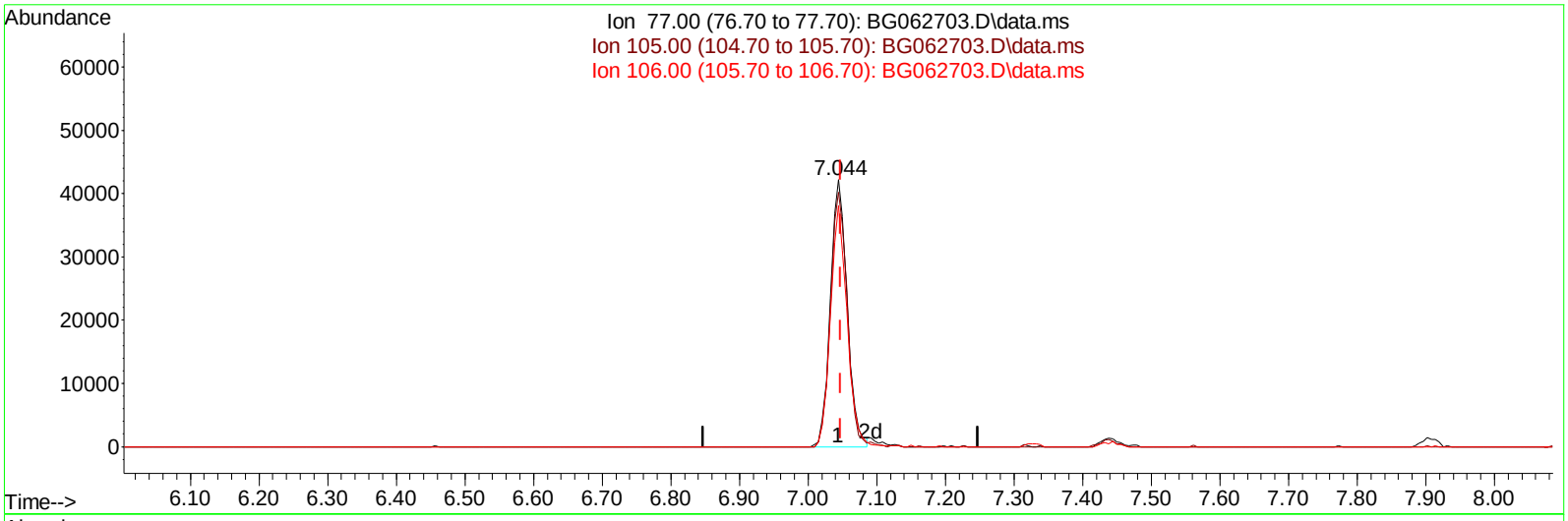
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
Data File : BG062703.D
Acq On : 10 Sep 2024 16:10
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

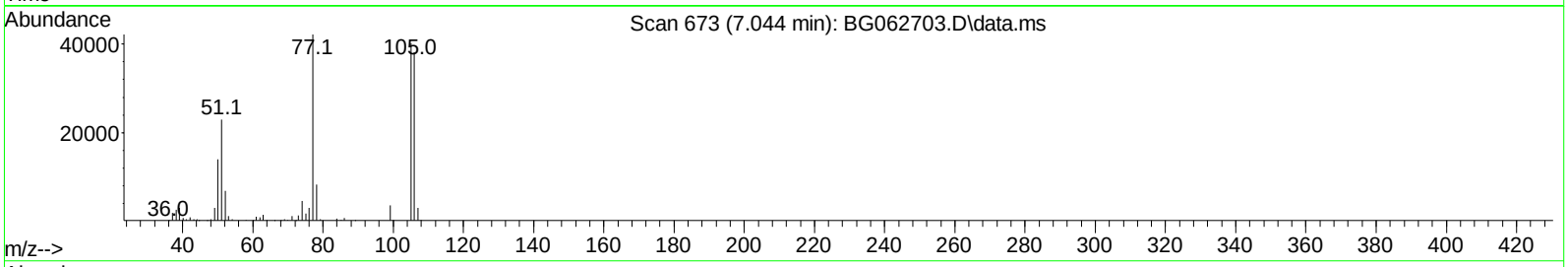
Quant Time: Sep 10 16:45:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

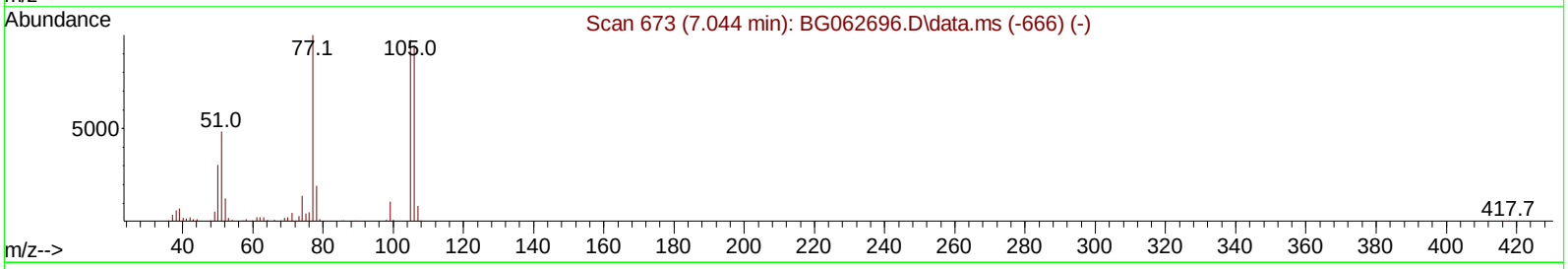
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BG062703.D\data.ms

(6) Benzaldehyde

7.044min (-0.003) 22.41 ng/ul

response 71684

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	95.28
106.00	86.30	90.50
0.00	0.00	0.00

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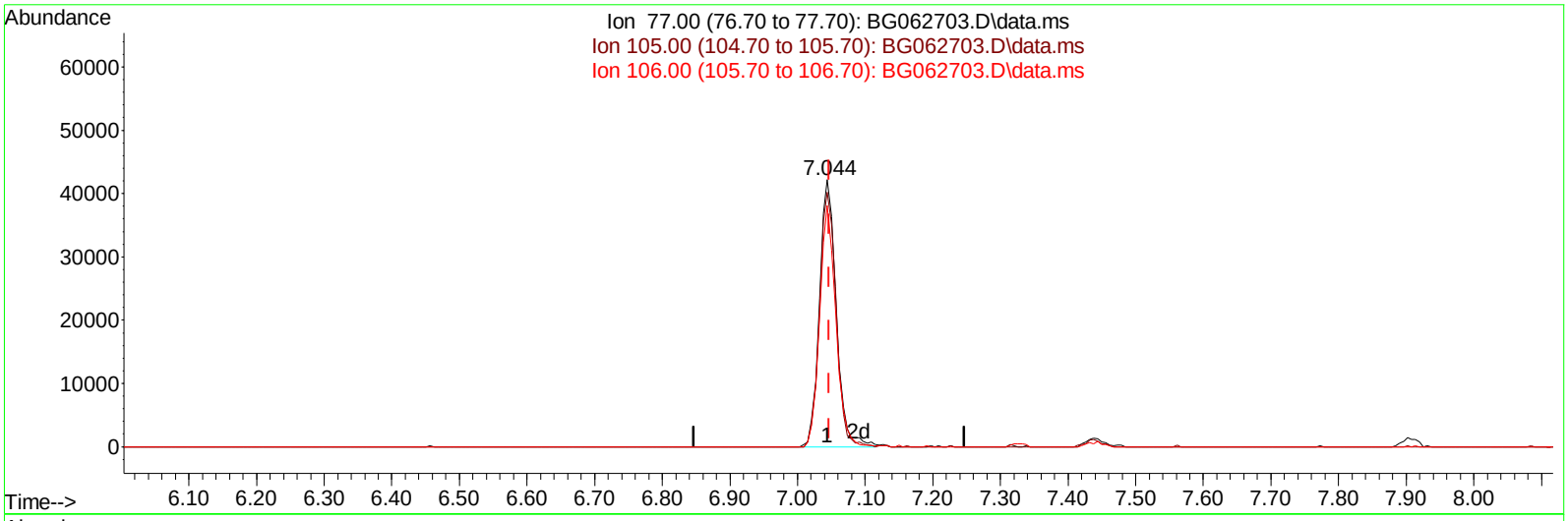

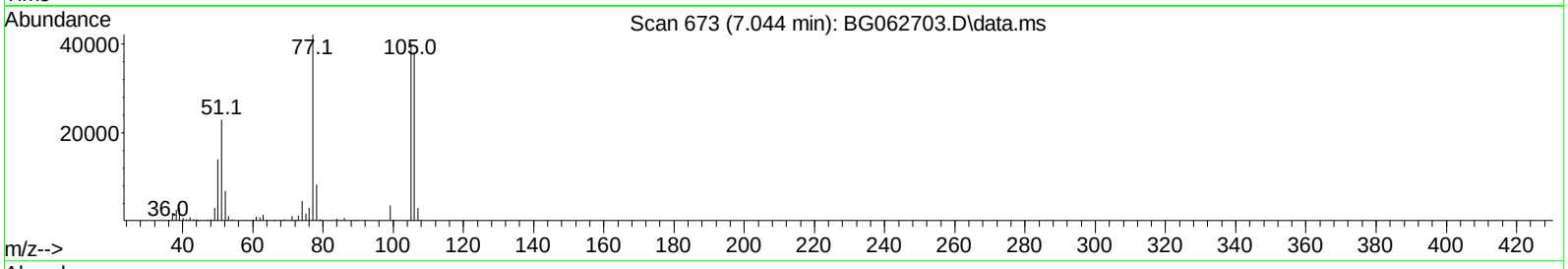

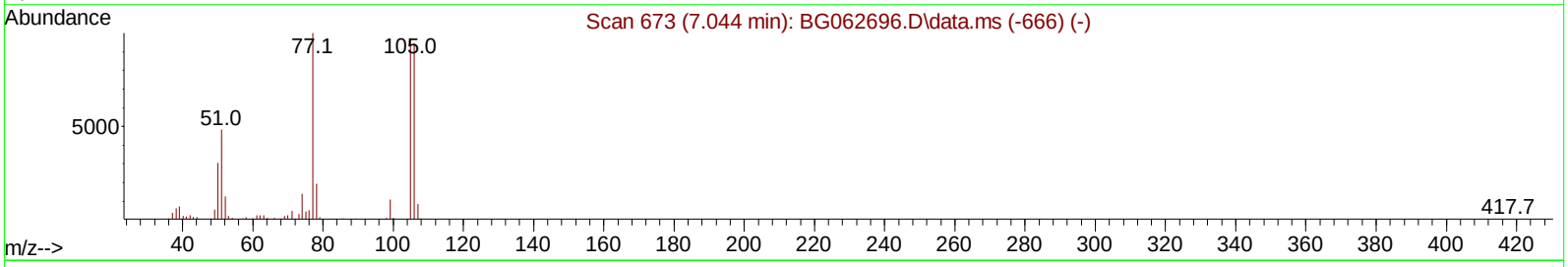

TIC: BG062703.D\data.ms

(6) Benzaldehyde

7.044min (-0.003) 22.85 ng/ul m

response 73097

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	95.28
106.00	86.30	90.50
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 10 23:27:21 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	66343	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	288915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.535	164	235942	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	632584	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	728542	20.000	ng/ul	0.00
88) Perylene-d12	24.588	264	796838	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	11806	8.044	ng/uL	0.00
4) Pyridine-d5	3.766	84	86982	18.619	ng/ul	0.00
7) Phenol-d5	7.068	99	107357	18.454	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.238	67	64694	18.548	ng/ul	0.00
11) 2-Chlorophenol-d4	7.438	132	78722	18.578	ng/ul	0.00
15) 4-Methylphenol-d8	8.607	113	87047	17.956	ng/ul	0.00
21) Nitrobenzene-d5	9.059	128	40374	19.552	ng/ul	0.00
24) 2-Nitrophenol-d4	9.782	143	45919	20.333	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	96296	19.580	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	131952	19.519	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	354275	19.499	ng/ul	0.00
49) Acenaphthylene-d8	14.224	160	397083	19.678	ng/ul	0.00
54) 4-Nitrophenol-d4	14.729	143	61568	19.947	ng/ul	0.00
60) Fluorene-d10	15.528	176	321525	19.638	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	68310	18.773	ng/ul	0.00
73) Anthracene-d10	17.379	188	593811	19.890	ng/ul	0.00
81) Pyrene-d10	19.665	212	778785	18.996	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.377	264	810904	19.273	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	12795	7.779	ng/uL#	91
5) Pyridine	3.789	79	91098	18.591	ng/ul	96
6) Benzaldehyde	7.044	77	73097m	22.854	ng/ul	
8) Phenol	7.097	94	113577	18.781	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.326	93	83310	18.224	ng/ul	95
12) 2-Chlorophenol	7.473	128	85373	19.704	ng/ul	95
13) 2-Methylphenol	8.343	108	85007	18.746	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.425	45	152581	18.543	ng/ul	98
16) Acetophenone	8.725	105	148097	18.796	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.707	70	79161	19.192	ng/ul#	96
18) 4-Methylphenol	8.672	108	93852	18.396	ng/ul	98
19) Hexachloroethane	8.989	117	33050	18.949	ng/ul	97
22) Nitrobenzene	9.101	77	107879	19.312	ng/ul	98
23) Isophorone	9.624	82	224585	19.665	ng/ul	98
25) 2-Nitrophenol	9.812	139	49486	19.882	ng/ul#	95
26) 2,4-Dimethylphenol	9.870	107	104077	19.569	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.105	93	124903	19.569	ng/ul	94
29) 2,4-Dichlorophenol	10.346	162	96126	19.845	ng/ul	93
30) Naphthalene	10.752	128	301205	19.444	ng/ul	100
32) 4-Chloroaniline	10.852	127	131721	19.592	ng/ul	98
33) Hexachlorobutadiene	11.040	225	77870	19.297	ng/ul	98
34) Caprolactam	11.598	113	35329	19.789	ng/ul	90
35) 4-Chloro-3-methylphenol	11.980	107	104268	19.733	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.356	142	222694	19.478	ng/ul	98
37) 1-Methylnaphthalene	12.573	142	233599	19.947	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.726	216	156353	19.276	ng/ul	97
40) Hexachlorocyclopentadiene	12.708	237	75364	18.158	ng/ul	96
41) 2,4,6-Trichlorophenol	12.967	196	94783	19.292	ng/ul	99
42) 2,4,5-Trichlorophenol	13.037	196	104528	19.815	ng/ul	96
43) 1,1'-Biphenyl	13.366	154	325141	19.597	ng/ul	96
44) 2-Chloronaphthalene	13.407	162	263385	19.522	ng/ul	98
45) 2-Nitroaniline	13.607	65	72796	19.663	ng/ul	93
47) Dimethylphthalate	13.989	163	368069	19.671	ng/ul	100
48) 2,6-Dinitrotoluene	14.107	165	68009	20.630	ng/ul	95
50) Acenaphthylene	14.253	152	417107	19.579	ng/ul	98
51) 3-Nitroaniline	14.436	138	69377	21.021	ng/ul#	97
52) Acenaphthene	14.594	153	290853	19.274	ng/ul	98
53) 2,4-Dinitrophenol	14.641	184	39983	18.368	ng/ul	95
55) 4-Nitrophenol	14.747	109	53939	19.441	ng/ul	97
56) Dibenzofuran	14.935	168	441738	19.705	ng/ul	98
57) 2,4-Dinitrotoluene	14.894	165	105659	20.500	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.158	232	107388	20.088	ng/ul	99
59) Diethylphthalate	15.352	149	363111	19.671	ng/ul	99
61) Fluorene	15.581	166	349914	19.870	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	205437	19.888	ng/ul	99
63) 4-Nitroaniline	15.599	138	78818	22.192	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.658	198	73694	19.538	ng/ul	95
67) N-Nitrosodiphenylamine	15.787	169	315738	19.462	ng/ul	98
68) 4-Bromophenyl-phenylether	16.468	248	142212	19.537	ng/ul	97
69) Hexachlorobenzene	16.586	284	163117	19.626	ng/ul	99
70) Atrazine	16.739	200	144743	20.032	ng/ul	99
71) Pentachlorophenol	16.927	266	96028	19.317	ng/ul	96
72) Phenanthrene	17.320	178	649524	19.745	ng/ul	99
74) Anthracene	17.414	178	671092	20.011	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.331	216	163437	18.919	ng/ul	99
76) Pentachlorobenzene	14.853	250	178141	18.609	ng/ul	94
77) Carbazole	17.679	167	576615	20.734	ng/ul	98
78) Di-n-butylphthalate	18.243	149	672711	20.453	ng/ul	100
80) Fluoranthene	19.336	202	859223	18.923	ng/ul	100
82) Pyrene	19.694	202	930407	19.036	ng/ul	98
83) Butylbenzylphthalate	20.593	149	289589	19.959	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.427	252	322870	21.050	ng/ul	98
85) Benzo(a)anthracene	21.504	228	989227	19.523	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	420403	19.678	ng/ul	98
87) Chrysene	21.568	228	921501	19.169	ng/ul	98
89) Di-n-octyl phthalate	22.585	149	711640	19.200	ng/ul	100
90) Benzo(b)fluoranthene	23.619	252	973128	19.780	ng/ul	99
91) Benzo(k)fluoranthene	23.684	252	940196	18.664	ng/ul	98
93) Benzo(a)pyrene	24.447	252	898757	19.368	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.043	276	1093547	19.127	ng/ul	99
95) Dibenzo(a,h)anthracene	28.102	278	896851	19.529	ng/ul	98
96) Benzo(g,h,i)perylene	29.124	276	845437	19.146	ng/ul	99

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

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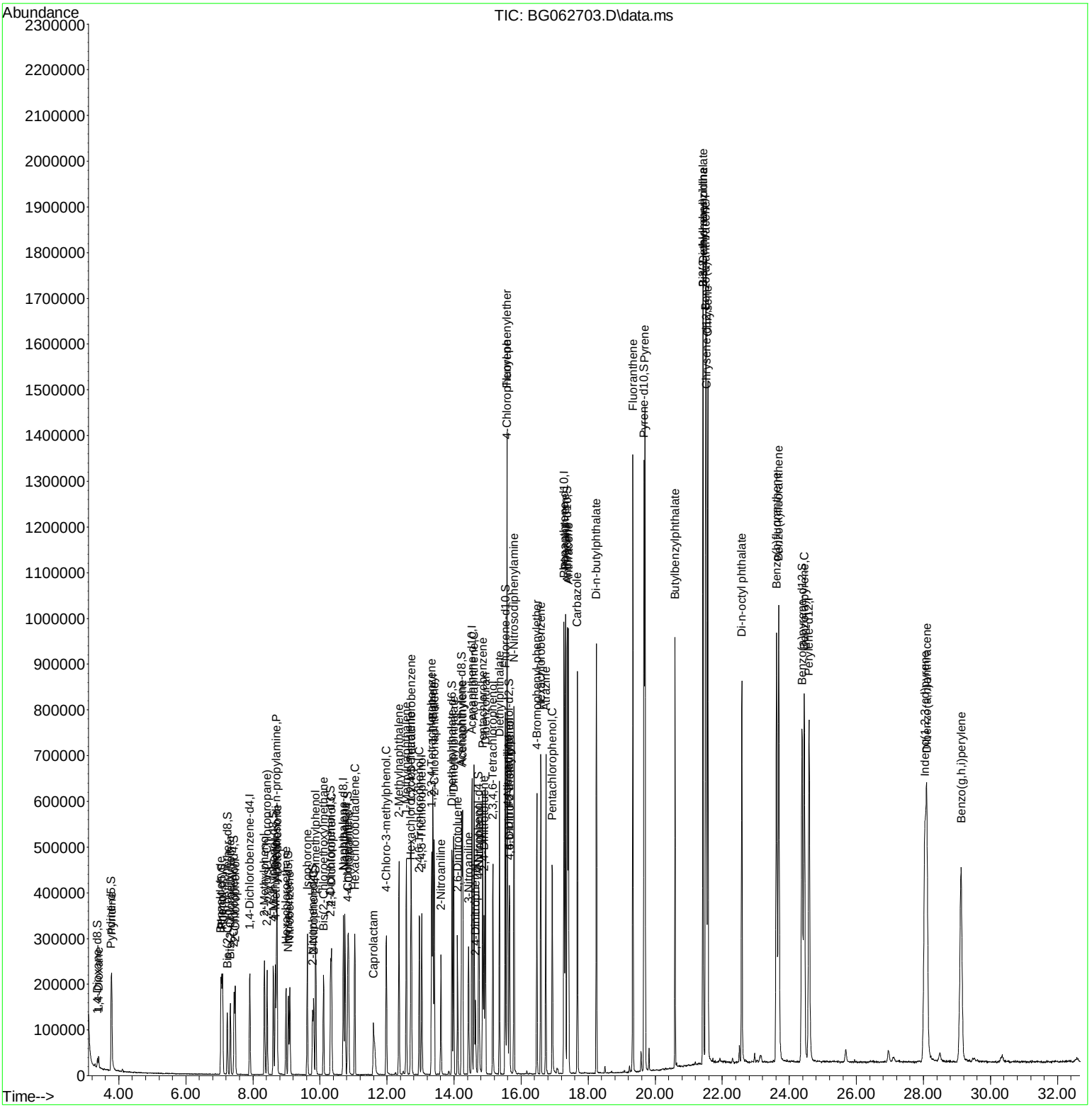
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