Quantitation Report (QT Reviewed)

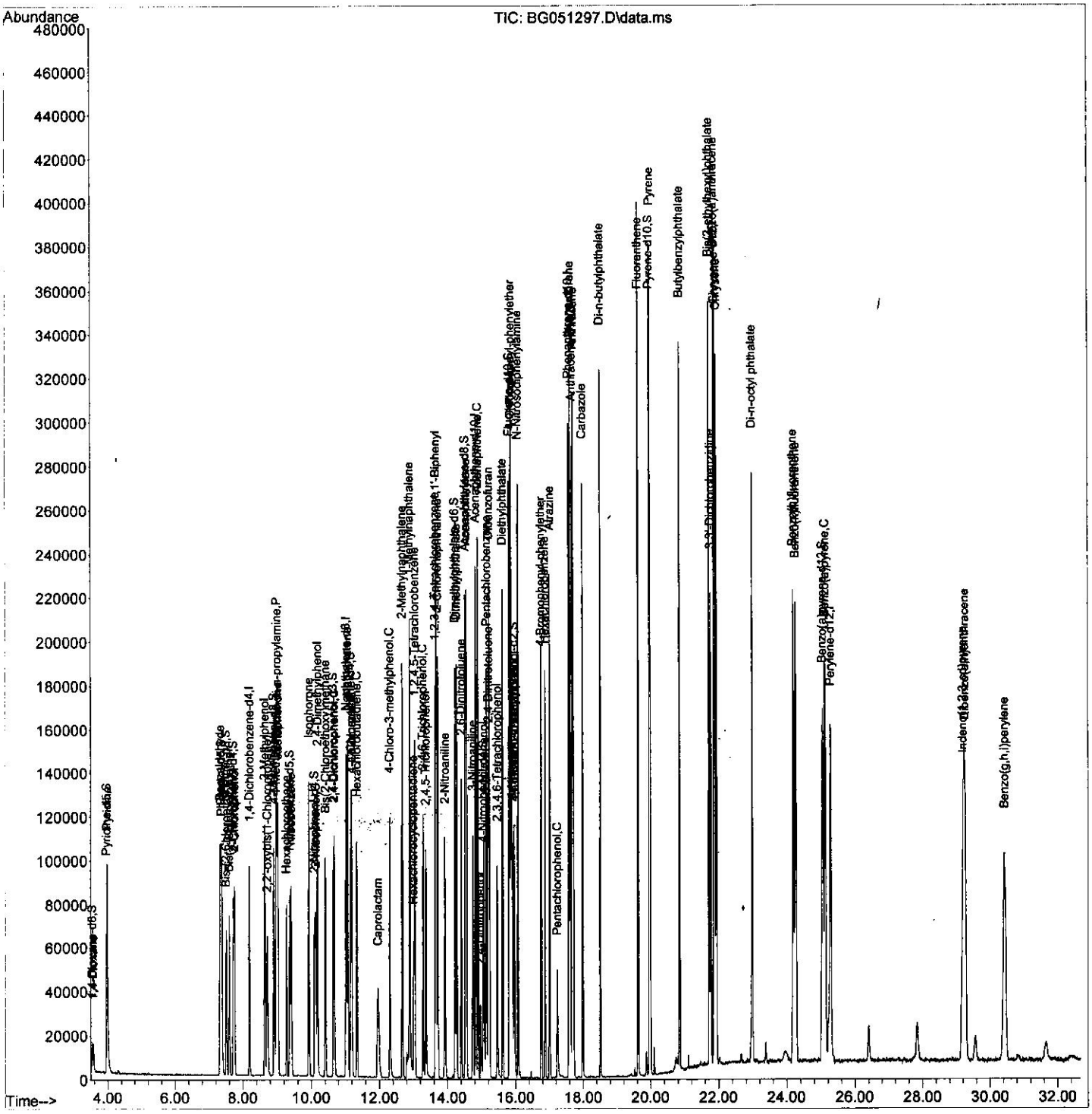
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051297.D
Acq On : 2 Dec 2021 10:06
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 02 10:40:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



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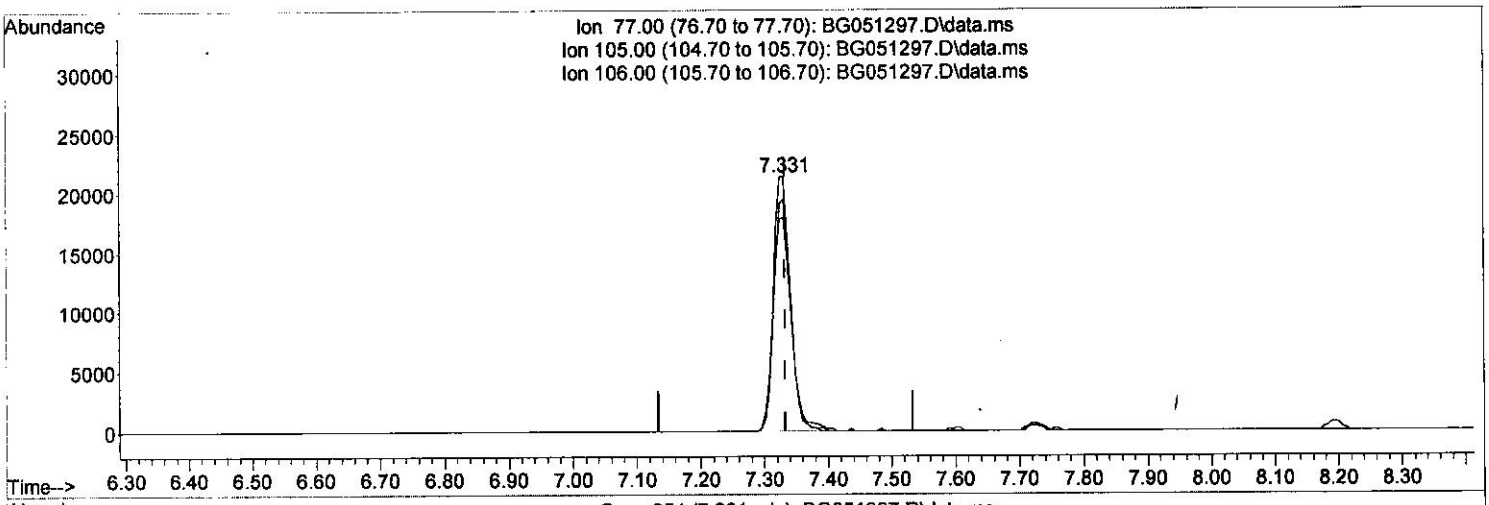

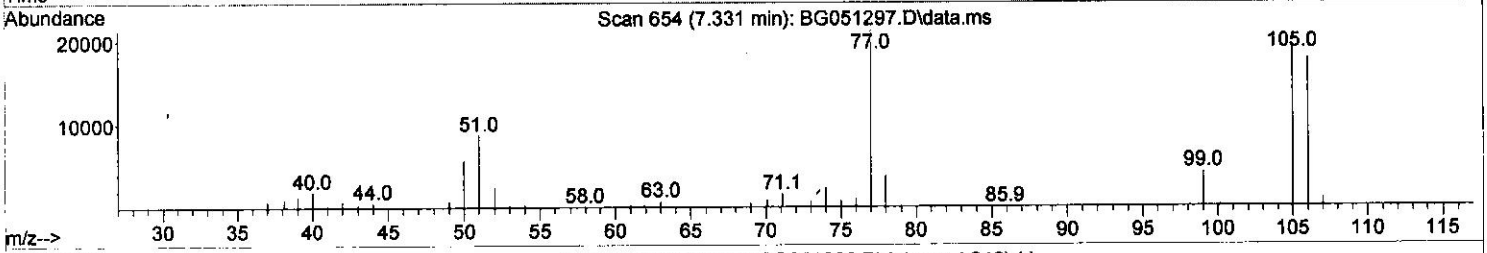

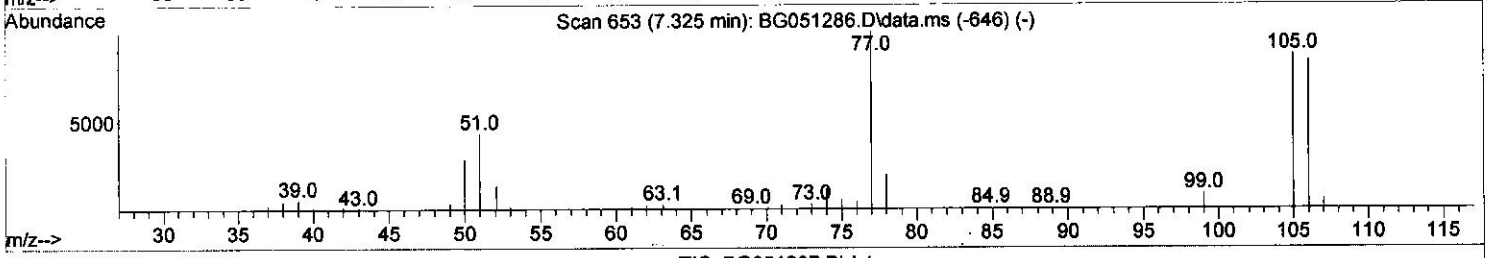

TIC: BG051297.D\data.ms

(6) Benzaldehyde

7.331min (-0.003) 23.41 ng/ul

response 40248

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	91.10
106.00	76.50	83.70
0.00	0.00	0.00

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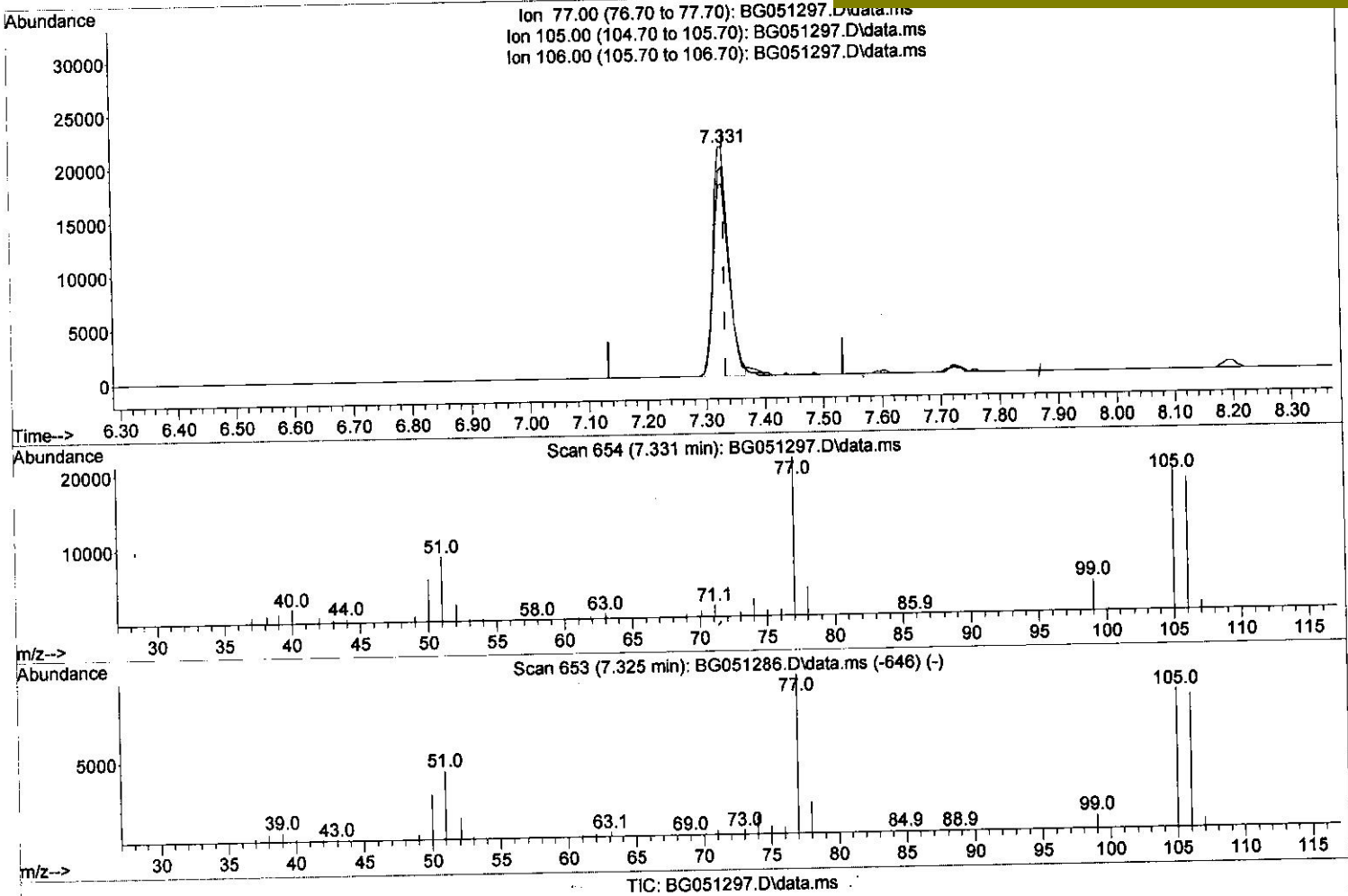

TIC: BG051297.D\data.ms

(6) Benzaldehyde

7.331min (-0.003) 22.78 ng/ul m JU 12/3/21

response 39163

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	91.10
106.00	76.50	83.70
0.00	0.00	0.00

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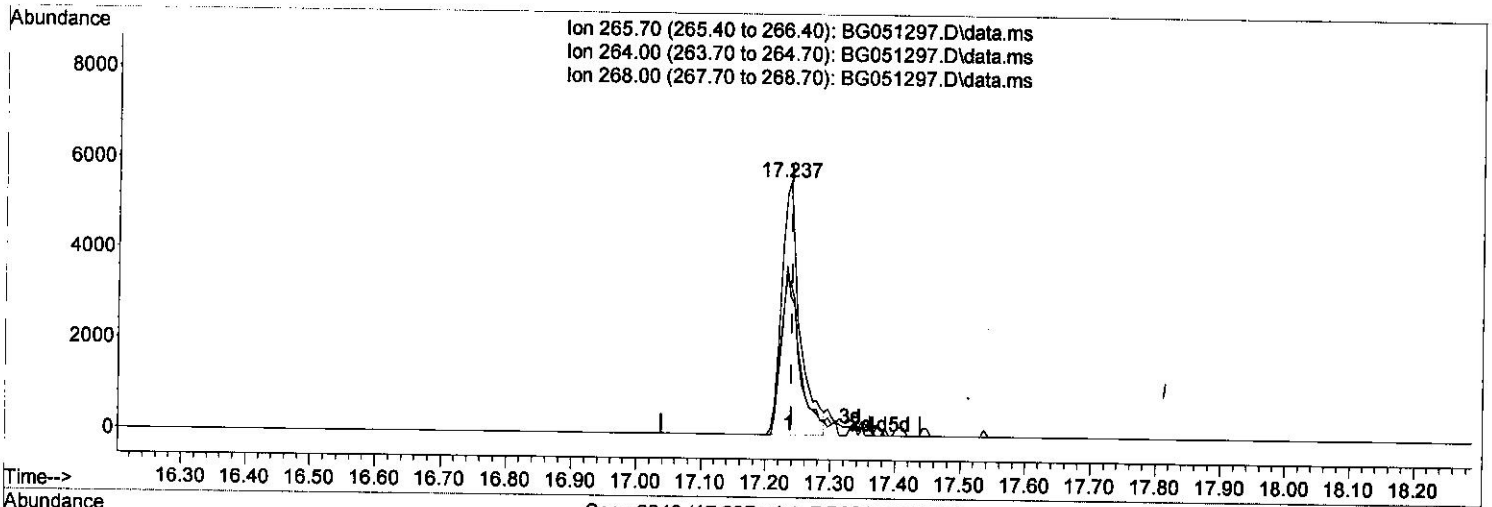

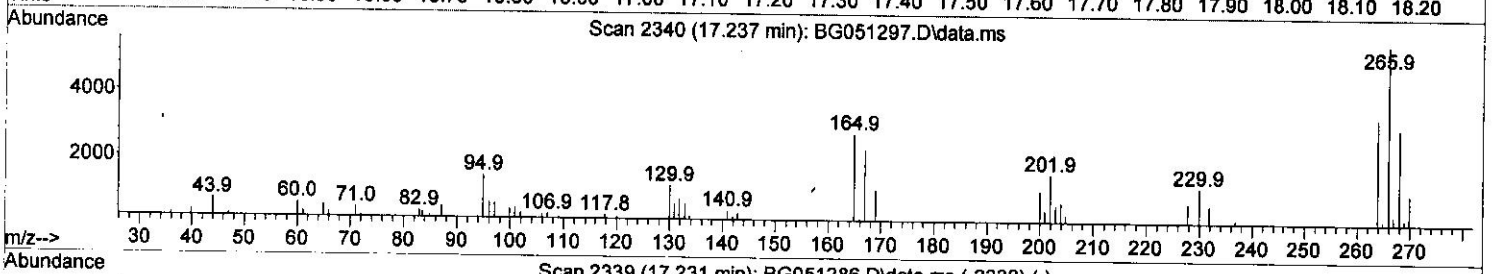

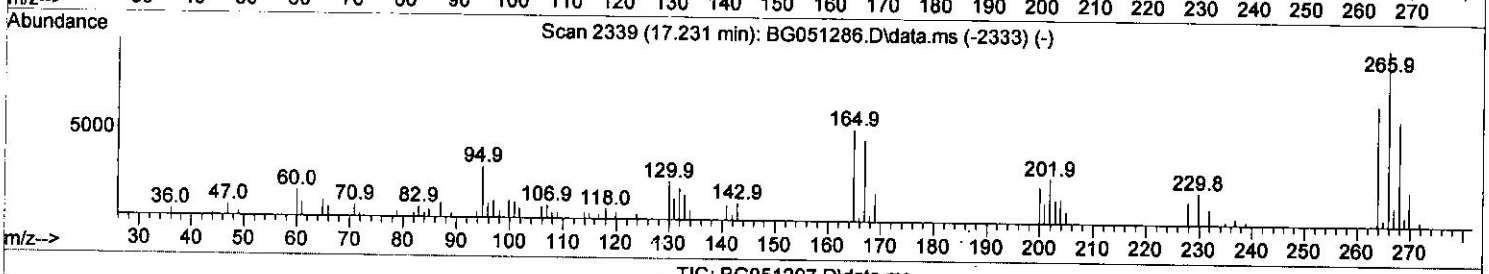

TIC: BG051297.D\data.ms

(71) Pentachlorophenol (C)

17.237min (-0.003) 12.24 ng/ul

response 10934

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	60.11
268.00	63.80	54.93
0.00	0.00	0.00

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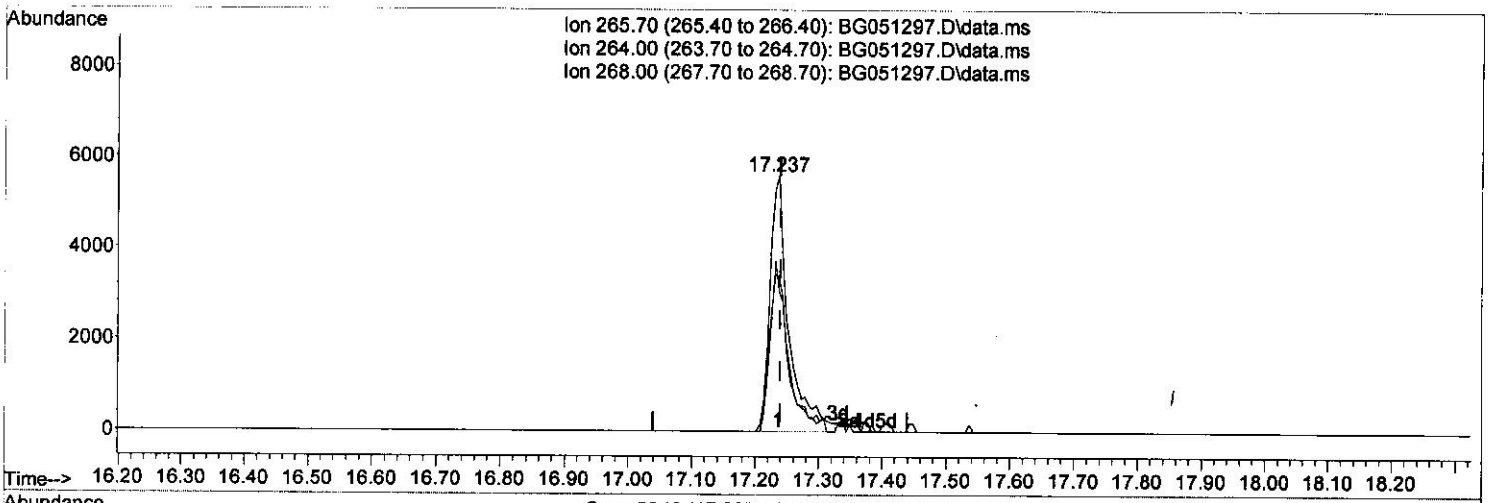

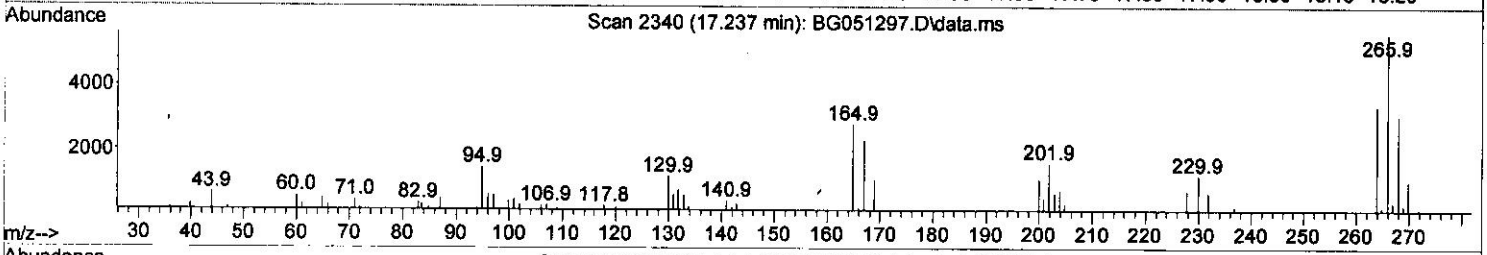

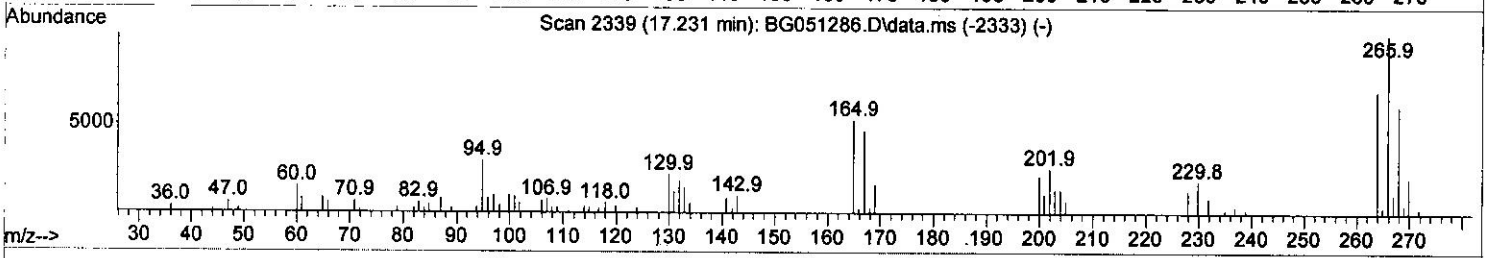

TIC: BG051297.D\data.ms

(71) Pentachlorophenol (C)

17.237min (-0.003) 13.08 ng/ul m 12/2/21

response 11680

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	60.11
268.00	63.80	54.93
0.00	0.00	0.00

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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	8.194	152	27311	20.000	ng/ul	0.00
20) Naphthalene-d8	11.021	136	125393	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.828	164	82273	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.578	188	184404	20.000	ng/ul	0.00
79) Chrysene-d12	21.878	240	170396	20.000	ng/ul	0.00
88) Perylene-d12	25.280	264	168314	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	6488	8.255	ng/uL	-0.01
4) Pyridine-d5	3.958	84	44429	19.265	ng/ul	-0.02
7) Phenol-d5	7.354	99	50939	18.872	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	34661	20.446	ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	37776	19.435	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	40841	18.750	ng/ul	0.00
21) Nitrobenzene-d5	9.370	128	20625	19.485	ng/ul	0.00
24) 2-Nitrophenol-d4	10.098	143	22800	19.095	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	38489	18.999	ng/ul	0.00
31) 4-Chloroaniline-d4	11.162	131	56536	19.072	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	121784	19.238	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	158903	19.906	ng/ul	0.00
54) 4-Nitrophenol-d4	15.045	143	16298	15.905	ng/ul	0.00
60) Fluorene-d10	15.815	176	109144	19.146	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	18306	16.088	ng/ul	0.00
73) Anthracene-d10	17.677	188	172608	19.571	ng/ul	0.00
81) Pyrene-d10	19.957	212	201518	19.545	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.045	264	173321	19.281	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	7161	8.079	ng/uL	95
5) Pyridine	3.982	79	47603	19.837	ng/ul	98
6) Benzaldehyde	7.331	77	39163m	22.783	ng/ul	
8) Phenol	7.378	94	53932	19.287	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.601	93	42094	19.898	ng/ul	97
12) 2-Chlorophenol	7.760	128	38740	19.558	ng/ul	96
13) 2-Methylphenol	8.641	108	39390	18.912	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.717	45	61420	20.120	ng/ul	96
16) Acetophenone	9.023	105	65729	19.509	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.994	70	38970	20.128	ng/ul	99
18) 4-Methylphenol	8.970	108	42587	19.121	ng/ul	98
19) Hexachloroethane	9.276	117	16444	19.655	ng/ul	97
22) Nitrobenzene	9.411	77	55421	19.968	ng/ul	99
23) Isophorone	9.928	82	106800	19.806	ng/ul	99
25) 2-Nitrophenol	10.127	139	23177	18.740	ng/ul	97
26) 2,4-Dimethylphenol	10.180	107	49457	19.559	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.410	93	58567	19.674	ng/ul	99
29) 2,4-Dichlorophenol	10.674	162	37588	18.848	ng/ul	96
30) Naphthalene	11.073	128	130618	19.144	ng/ul	97
32) 4-Chloroaniline	11.185	127	56566	19.008	ng/ul	97
33) Hexachlorobutadiene	11.338	225	25294	18.389	ng/ul	97
34) Caprolactam	11.943	113	14423	18.397	ng/ul	90
35) 4-Chloro-3-methylphenol	12.301	107	44988	18.779	ng/ul	99

JU 12/7/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.666	142	88566	19.084 ng/ul	99
37) 1-Methylnaphthalene	12.883	142	90376	18.929 ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.030	216	50851	19.688 ng/ul	98
40) Hexachlorocyclopentadiene	12.995	237	14826	14.201 ng/ul#	97
41) 2,4,6-Trichlorophenol	13.271	196	28969	17.873 ng/ul	94
42) 2,4,5-Trichlorophenol	13.353	196	31326	18.456 ng/ul	95
43) 1,1'-Biphenyl	13.659	154	121567	19.783 ng/ul	98
44) 2-Chloronaphthalene	13.711	162	95099	19.455 ng/ul	99
45) 2-Nitroaniline	13.923	65	33930	20.056 ng/ul	92
47) Dimethylphthalate	14.264	163	124874	19.488 ng/ul	99
48) 2,6-Dinitrotoluene	14.405	165	26277	19.523 ng/ul	93
50) Acenaphthylene	14.552	152	155538	19.722 ng/ul	99
51) 3-Nitroaniline	14.740	138	27108	20.375 ng/ul	99
52) Acenaphthene	14.892	153	101188	19.455 ng/ul	97
53) 2,4-Dinitrophenol	14.969	184	10013	13.459 ng/ul#	81
55) 4-Nitrophenol	15.057	109	18777	21.124 ng/ul	93
56) Dibenzofuran	15.222	168	145994	19.460 ng/ul	98
57) 2,4-Dinitrotoluene	15.198	165	37811	19.669 ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.457	232	21659	16.250 ng/ul	98
59) Diethylphthalate	15.621	149	130002	19.328 ng/ul	99
61) Fluorene	15.874	166	117110	19.488 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.856	204	59730	18.444 ng/ul	96
63) 4-Nitroaniline	15.903	138	28899	22.321 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.962	198	17200	15.673 ng/ul#	98
67) N-Nitrosodiphenylamine	16.073	169	103946	19.690 ng/ul	97
68) 4-Bromophenyl-phenylether	16.755	248	37617	19.033 ng/ul	89
69) Hexachlorobenzene	16.873	284	38075	18.893 ng/ul	100
70) Atrazine	17.014	200	42476	19.145 ng/ul	99
71) Pentachlorophenol	17.237	266	11680m	13.080 ng/ul	
72) Phenanthrene	17.619	178	199319	19.576 ng/ul	100
74) Anthracene	17.713	178	202245	20.001 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.635	216	52467	19.506 ng/uL	98
76) Pentachlorobenzene	15.145	250	47638	19.008 ng/uL	98
77) Carbazole	17.983	167	179346	20.206 ng/ul	98
78) Di-n-butylphthalate	18.506	149	227569	19.884 ng/ul	99
80) Fluoranthene	19.622	202	248348	19.612 ng/ul	99
82) Pyrene	19.987	202	244157	19.710 ng/ul	97
83) Butylbenzylphthalate	20.844	149	99939	19.406 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.761	252	76802	19.359 ng/ul	98
85) Benzo(a)anthracene	21.855	228	221945	19.204 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.714	149	144698	19.526 ng/ul	99
87) Chrysene	21.925	228	212841	19.170 ng/ul	99
89) Di-n-octyl phthalate	22.977	149	245862	20.163 ng/ul	100
90) Benzo(b)fluoranthene	24.187	252	217420	19.141 ng/ul	99
91) Benzo(k)fluoranthene	24.258	252	204349	19.171 ng/ul	99
93) Benzo(a)pyrene	25.116	252	209894	19.369 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.193	276	232572	19.179 ng/ul	97
95) Dibenzo(a,h)anthracene	29.246	278	195548	19.008 ng/ul	99
96) Benzo(g,h,i)perylene	30.415	276	192394	18.857 ng/ul	96

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