Quantitation Report (QT Reviewed)

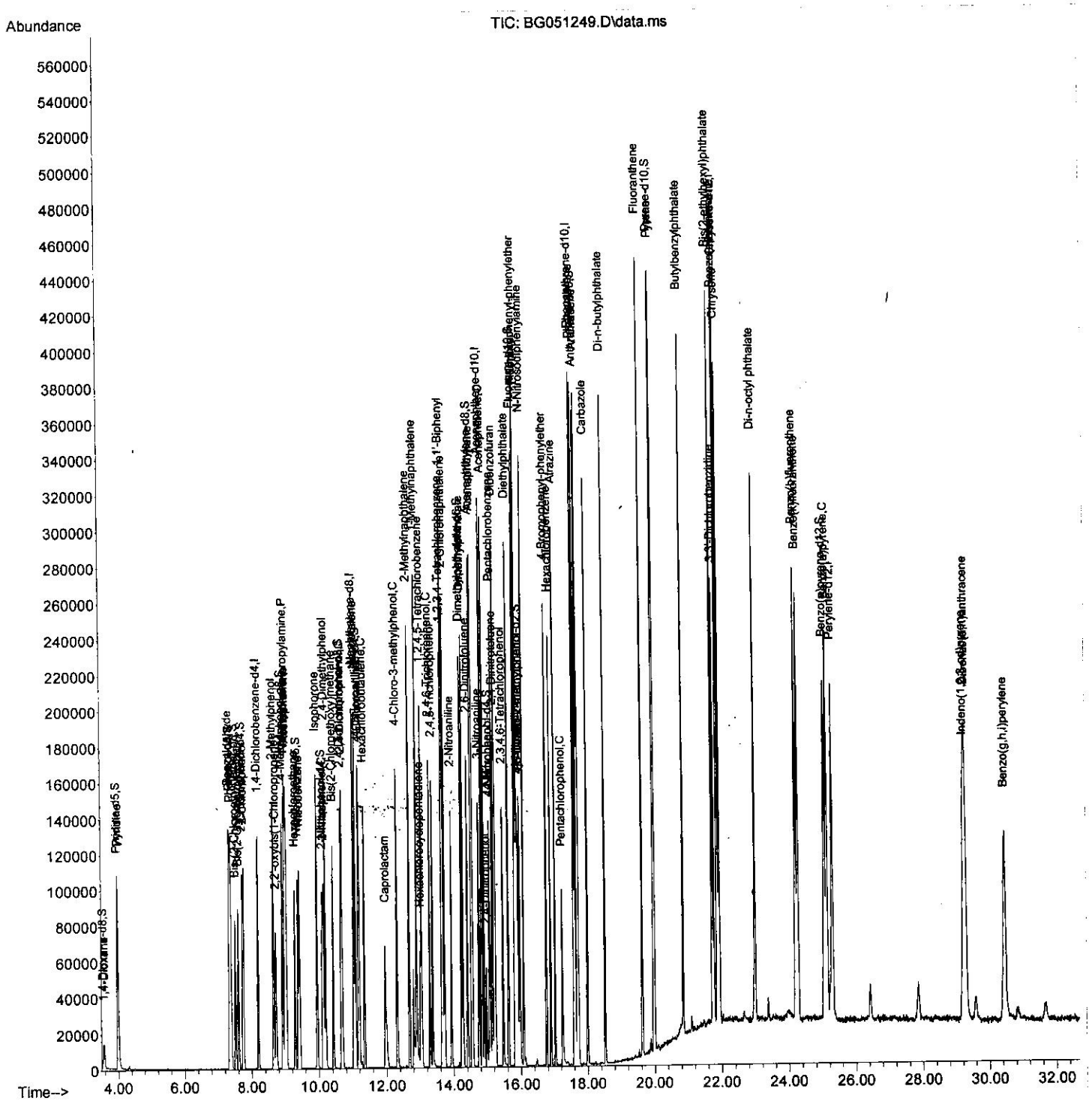
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051249.D
Acq On : 25 Nov 2021 18:01
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Nov 26 02:35:49 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 :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



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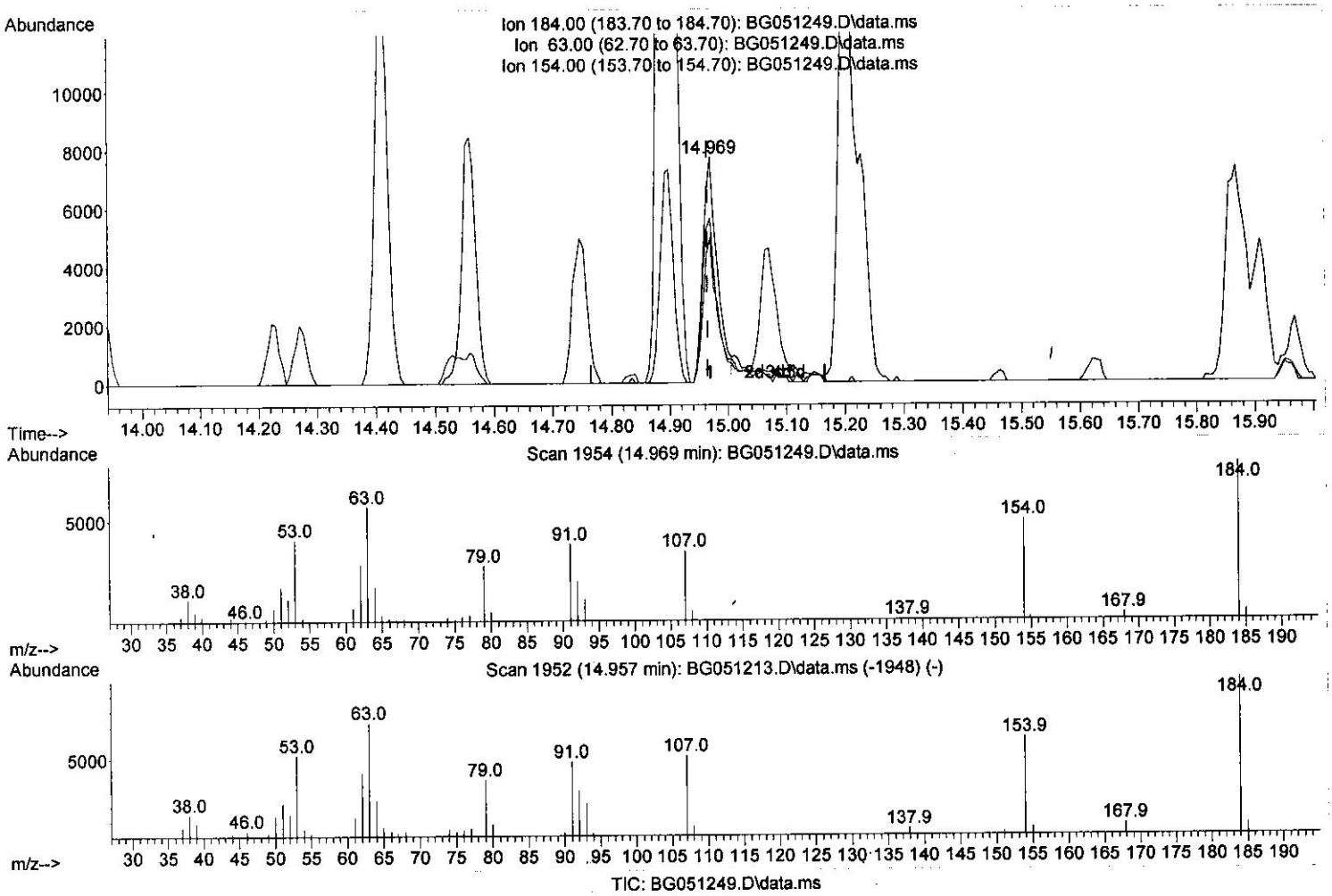

TIC: BG051249.D\data.ms

(53) 2,4-Dinitrophenol

14.969min (+ 0.004) 12.91 ng/ul

response 13201

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	73.29
154.00	67.00	64.25
0.00	0.00	0.00

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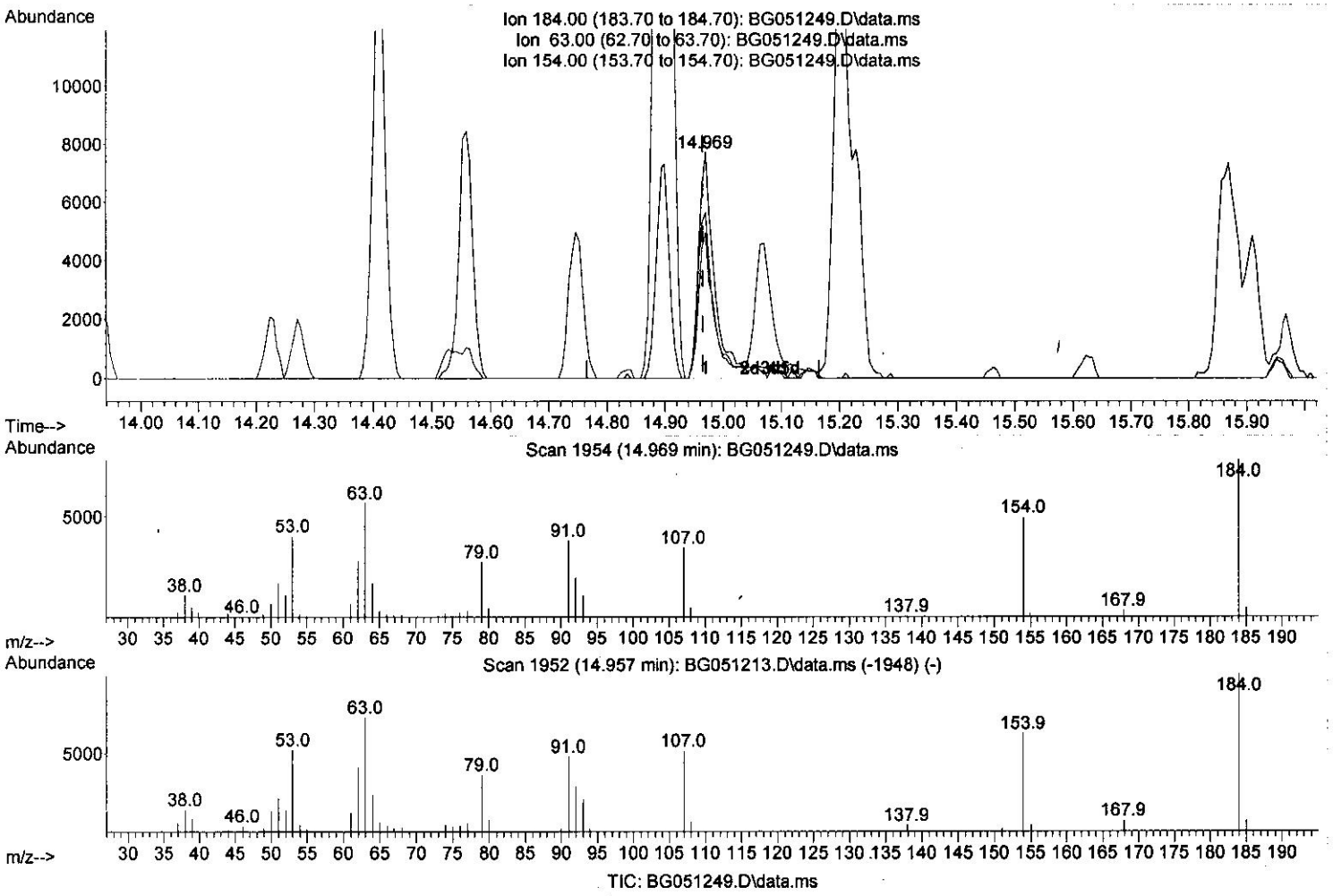

TIC: BG051249.D\data.ms

(53) 2,4-Dinitrophenol

14.969min (+ 0.004) 13.68 ng/ul m } JU 11/30/21

response 13994

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	73.29
154.00	67.00	64.25
0.00	0.00	0.00

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Operator : CG/JU
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Misc :
ALS Vial : 73 Sample Multiplier: 1

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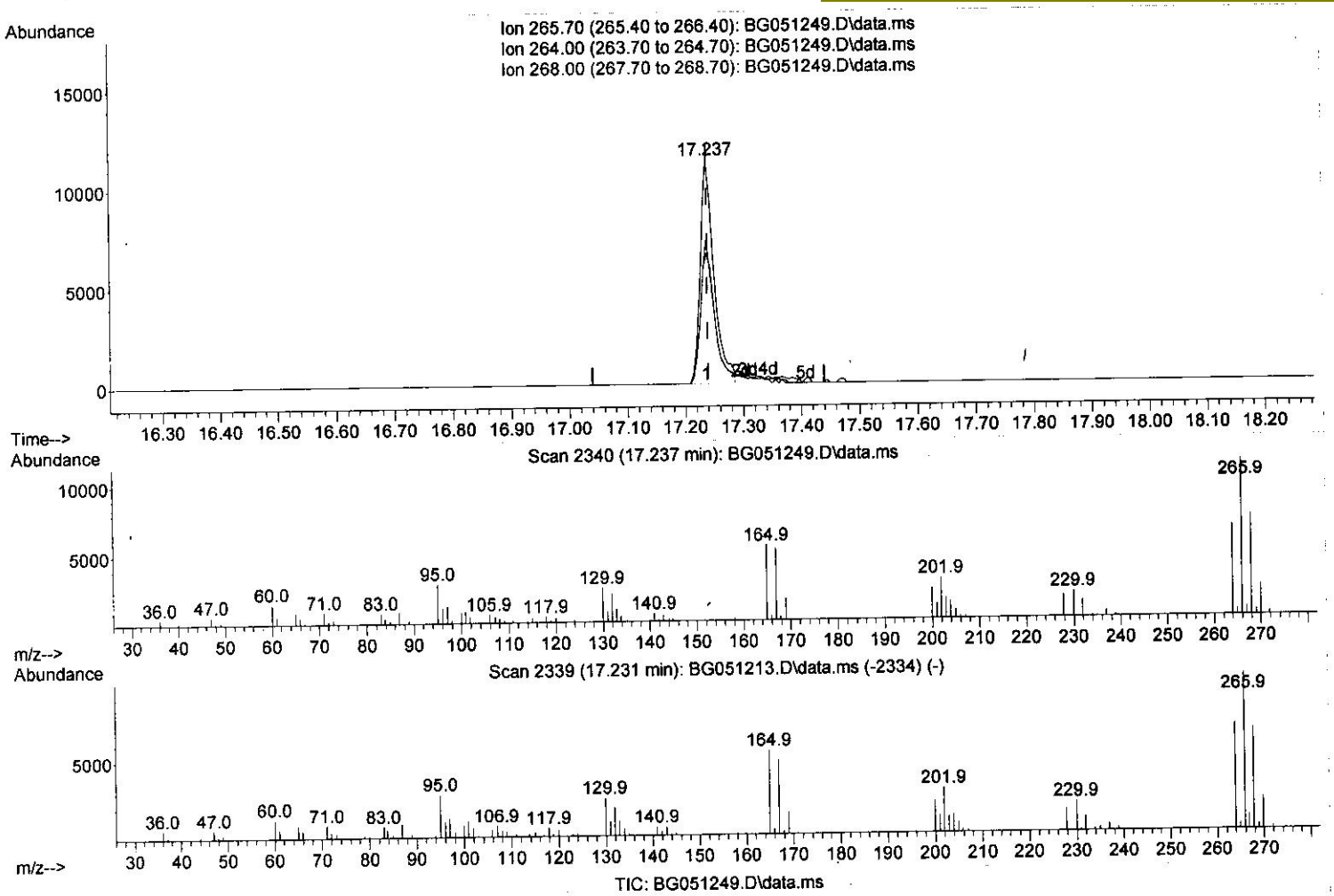

TIC: BG051249.D\data.ms

(71) Pentachlorophenol (C)

17.237min (-0.002) 16.17 ng/ul

response 18669

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	58.47
268.00	63.80	64.42
0.00	0.00	0.00

Quantitation Report (Qedit)

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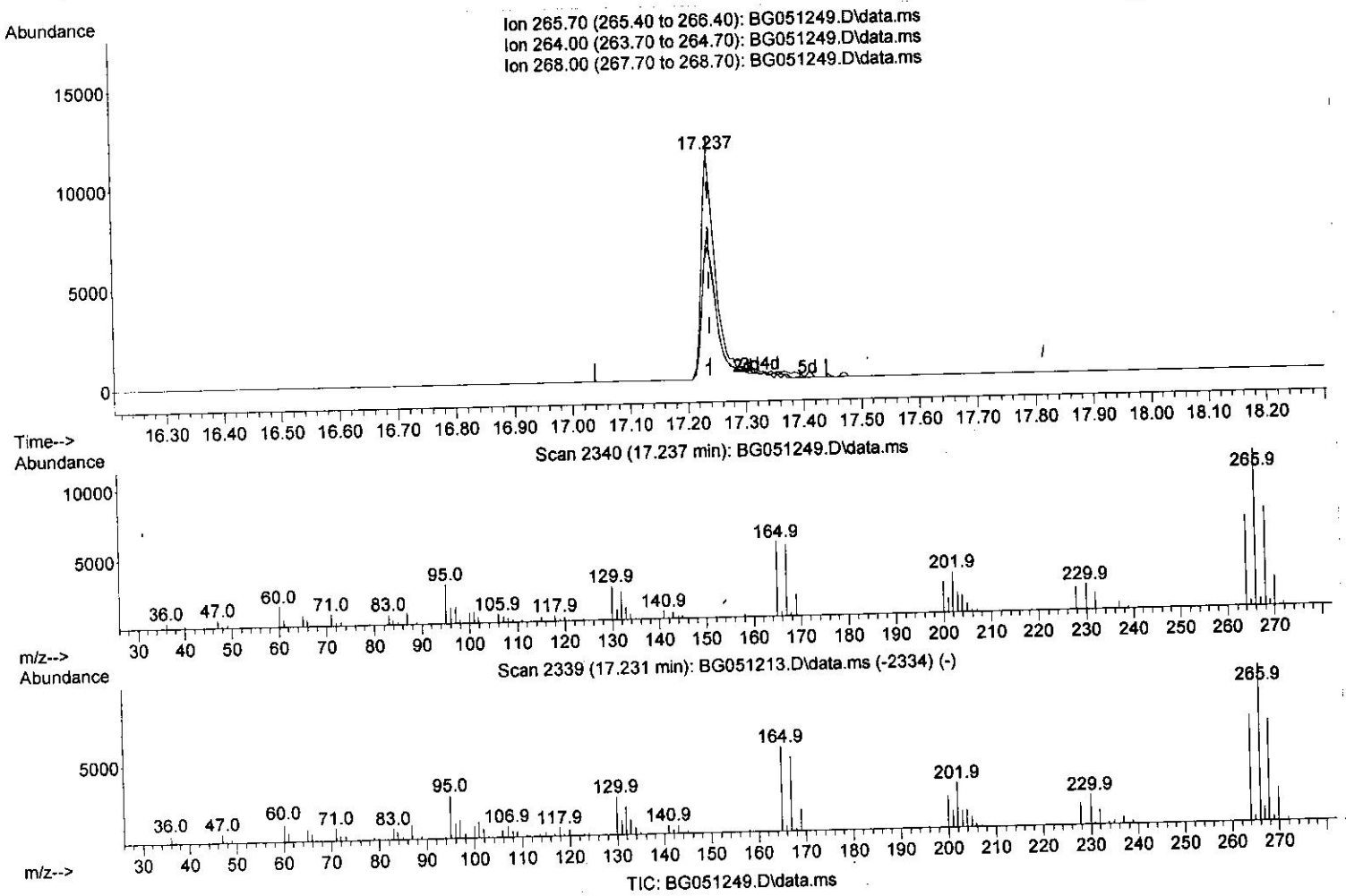

(71) Pentachlorophenol (C)

17.237min (-0.002) 16.67 ng/ul m

response 19240

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	58.47
268.00	63.80	64.42
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	8.201	152	37429	20.000	ng/ul	0.00
20) Naphthalene-d8	11.027	136	169530	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	113089	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.584	188	238366	20.000	ng/ul	0.00
79) Chrysene-d12	21.885	240	204513	20.000	ng/ul	0.00
88) Perylene-d12	25.287	264	203685	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.542	96	7049	6.545	ng/uL	0.00
4) Pyridine-d5	3.970	84	51289	16.228	ng/ul	0.00
7) Phenol-d5	7.361	99	67523	18.253	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	42219	18.172	ng/ul	0.00
11) 2-Chlorophenol-d4	7.731	132	49158	18.454	ng/ul	0.00
15) 4-Methylphenol-d8	8.918	113	53921	18.063	ng/ul	0.00
21) Nitrobenzene-d5	9.376	128	26317	18.390	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	30821	19.092	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.651	165	52938	19.328	ng/ul	0.00
31) 4-Chloroaniline-d4	11.168	131	72830	18.173	ng/ul	0.00
46) Dimethylphthalate-d6	14.229	166	154375	17.741	ng/ul	0.00
49) Acenaphthylene-d8	14.529	160	205021	18.685	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	22111	15.698	ng/ul	0.00
60) Fluorene-d10	15.821	176	143132	18.266	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	23012	15.645	ng/ul	0.00
73) Anthracene-d10	17.684	188	213441	18.723	ng/ul	0.00
81) Pyrene-d10	19.963	212	231370	18.697	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.052	264	197462	18.152	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.577	88	7428	6.115	ng/uL#	94
5) Pyridine	3.994	79	53930	16.398	ng/ul	96
6) Benzaldehyde	7.337	77	49797	21.138	ng/ul	93
8) Phenol	7.390	94	69446	18.122	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.607	93	50958	17.576	ng/ul	98
12) 2-Chlorophenol	7.766	128	49601	18.272	ng/ul	93
13) 2-Methylphenol	8.647	108	52132	18.263	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.718	45	75210	17.977	ng/ul	97
16) Acetophenone	9.029	105	81925	17.743	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.006	70	48051	18.109	ng/ul	95
18) 4-Methylphenol	8.982	108	55829	18.291	ng/ul	92
19) Hexachloroethane	9.288	117	20735	18.084	ng/ul	95
22) Nitrobenzene	9.423	77	70285	18.730	ng/ul	95
23) Isophorone	9.940	82	131102	17.983	ng/ul	97
25) 2-Nitrophenol	10.134	139	31158	18.634	ng/ul	99
26) 2,4-Dimethylphenol	10.187	107	63900	18.692	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.416	93	72816	18.092	ng/ul	99
29) 2,4-Dichlorophenol	10.680	162	50745	18.821	ng/ul	94
30) Naphthalene	11.080	128	170405	18.473	ng/ul	97
32) 4-Chloroaniline	11.191	127	72421	18.000	ng/ul	99
33) Hexachlorobutadiene	11.338	225	33303	17.908	ng/ul	99
34) Caprolactam	11.961	113	18568	17.518	ng/ul	98
35) 4-Chloro-3-methylphenol	12.308	107	62099	19.173	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.672	142	116089	18.502	ng/ul	99
37)	1-Methylnaphthalene	12.889	142	118195	18.310	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	13.036	216	68413	19.270	ng/ul	95
40)	Hexachlorocyclopentadiene	13.001	237	16294	11.355	ng/ul	98
41)	2,4,6-Trichlorophenol	13.277	196	43384	19.473	ng/ul	98
42)	2,4,5-Trichlorophenol	13.359	196	46053	19.739	ng/ul	99
43)	1,1'-Biphenyl	13.665	154	156354	18.511	ng/ul	97
44)	2-Chloronaphthalene	13.718	162	125450	18.671	ng/ul	98
45)	2-Nitroaniline	13.924	65	45485	19.560	ng/ul	95
47)	Dimethylphthalate	14.270	163	156327	17.749	ng/ul	99
48)	2,6-Dinitrotoluene	14.411	165	34073	18.417	ng/ul	92
50)	Acenaphthylene	14.558	152	201212	18.561	ng/ul	98
51)	3-Nitroaniline	14.746	138	36478	19.947	ng/ul	92
52)	Acenaphthene	14.899	153	130218	18.214	ng/ul	96
53)	2,4-Dinitrophenol	14.969	184	13994m	13.684	ng/ul	
55)	4-Nitrophenol	15.069	109	22660	18.546	ng/ul	90
56)	Dibenzofuran	15.228	168	188975	18.325	ng/ul	99
57)	2,4-Dinitrotoluene	15.204	165	47085	17.819	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.463	232	32142	17.544	ng/ul	93
59)	Diethylphthalate	15.627	149	165277	17.877	ng/ul	99
61)	Fluorene	15.880	166	150098	18.171	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.862	204	78388	17.609	ng/ul	95
63)	4-Nitroaniline	15.909	138	36949	20.762	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.968	198	22327	15.739	ng/ul	99
67)	N-Nitrosodiphenylamine	16.080	169	131512	19.272	ng/ul	96
68)	4-Bromophenyl-phenylether	16.755	248	47202	18.476	ng/ul	94
69)	Hexachlorobenzene	16.885	284	49046	18.828	ng/ul	98
70)	Atrazine	17.020	200	53886	18.789	ng/ul	98
71)	Pentachlorophenol	17.237	266	19240m	16.668	ng/ul	
72)	Phenanthrene	17.625	178	237858	18.073	ng/ul	100
74)	Anthracene	17.719	178	241391	18.468	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.636	216	71840	20.662	ng/uL	97
76)	Pentachlorobenzene	15.151	250	64353	19.865	ng/uL	98
77)	Carbazole	17.989	167	212725	18.541	ng/ul	98
78)	Di-n-butylphthalate	18.512	149	271503	18.353	ng/ul	99
80)	Fluoranthene	19.629	202	282678	18.599	ng/ul	97
82)	Pyrene	19.993	202	273395	18.389	ng/ul	95
83)	Butylbenzylphthalate	20.851	149	116773	18.893	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.773	252	88226	18.529	ng/ul	97
85)	Benzo(a)anthracene	21.867	228	254713	18.363	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.720	149	164560	18.502	ng/ul	98
87)	Chrysene	21.932	228	243691	18.287	ng/ul	99
89)	Di-n-octyl phthalate	22.989	149	279047	18.910	ng/ul	100
90)	Benzo(b)fluoranthene	24.200	252	254672	18.527	ng/ul	98
91)	Benzo(k)fluoranthene	24.270	252	233642	18.113	ng/ul	99
93)	Benzo(a)pyrene	25.134	252	240960	18.374	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	29.211	276	271914	18.529	ng/ul	95
95)	Dibenzo(a,h)anthracene	29.264	278	229552	18.438	ng/ul	98
96)	Benzo(g,h,i)perylene	30.451	276	222348	18.009	ng/ul	96

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

JU
11/30/21