Quantitation Report (QT Reviewed)

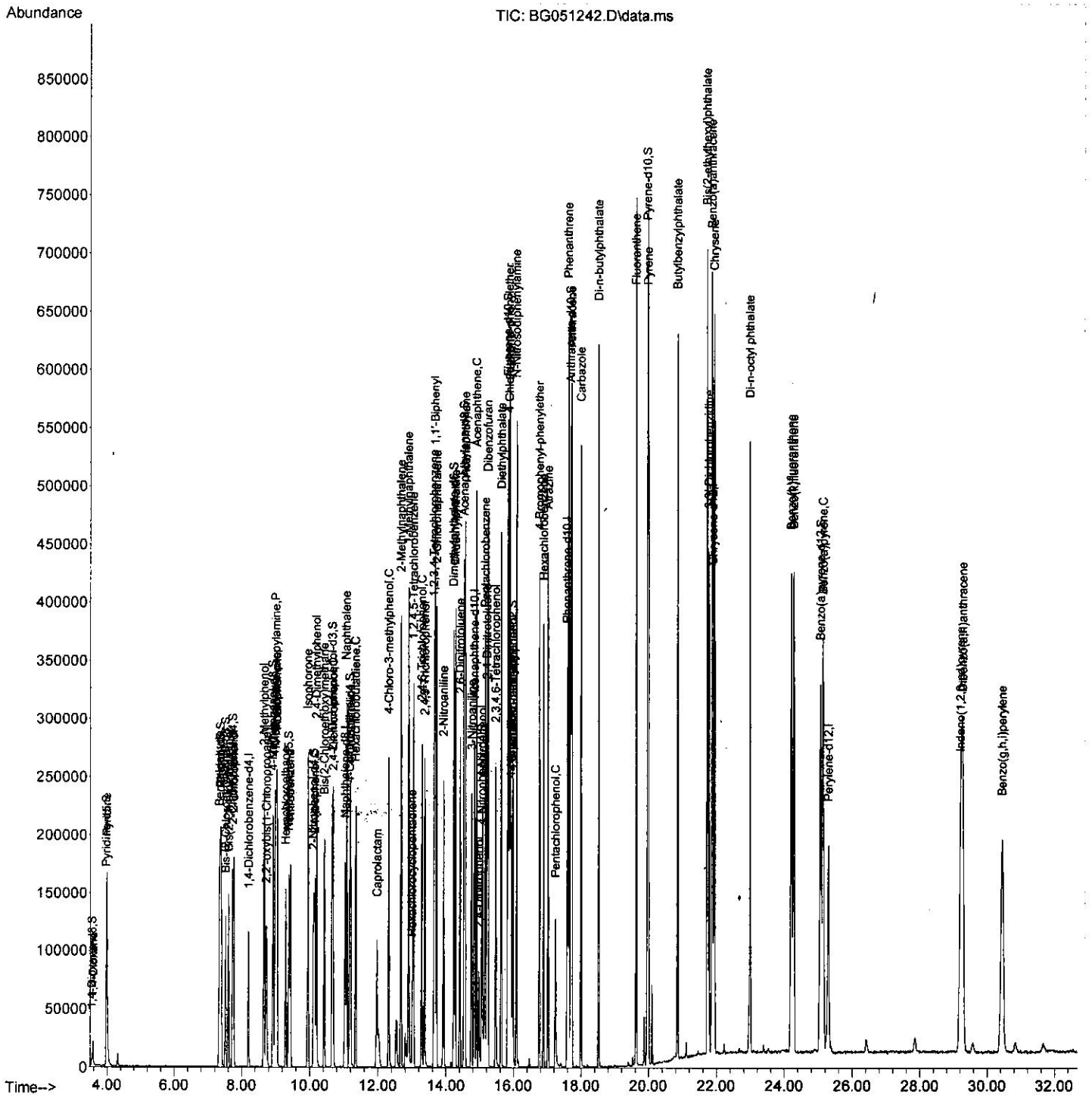
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051242.D
Acq On : 25 Nov 2021 13:13
Operator : CG/JU
Sample : PB140983BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Nov 26 02:28:57 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
ClientSampleId :
SLCS983

Manual IntegrationsAPPROVED

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



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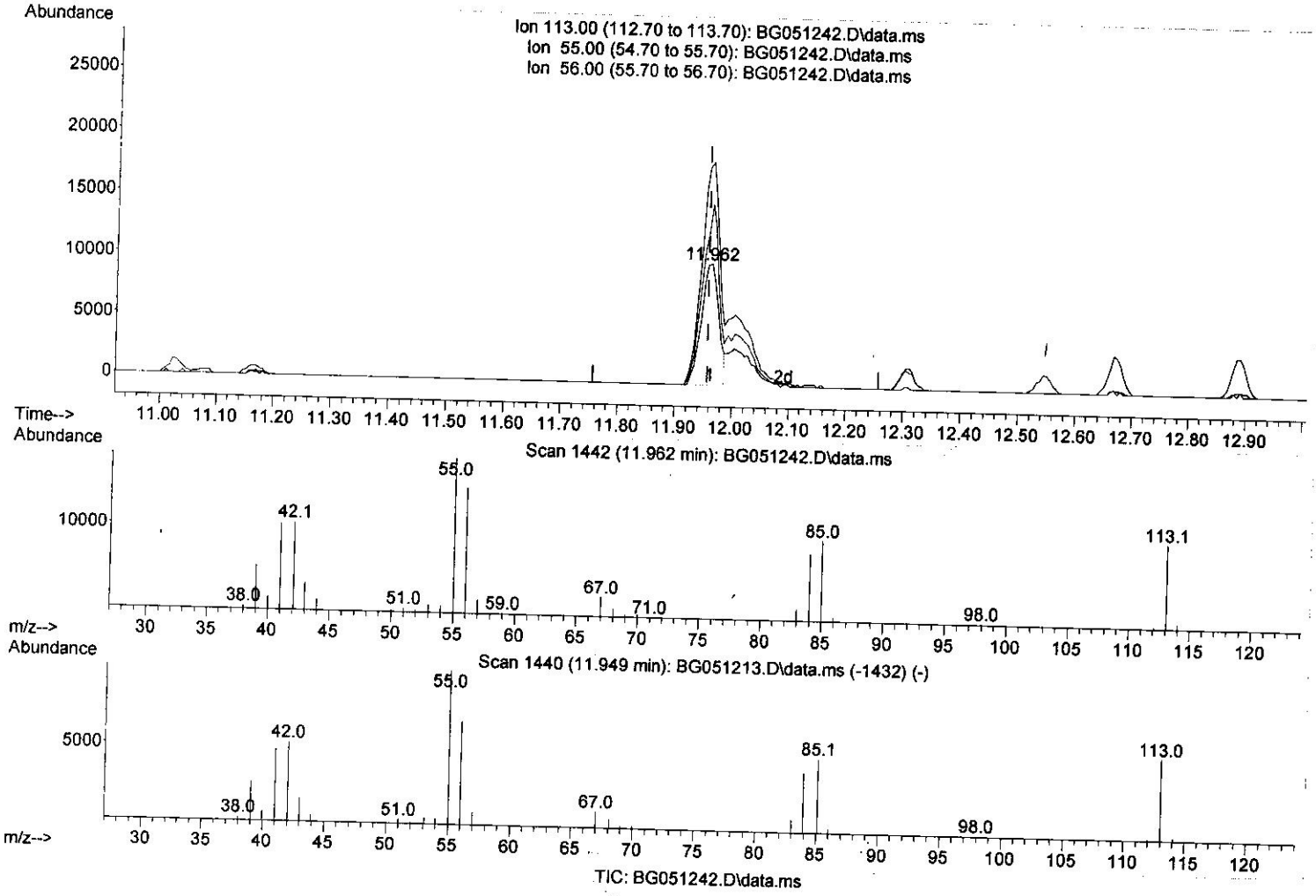

TIC: BG051242.D\data.ms

(34) Caprolactam

11.962min (+ 0.005) 22.34 ng/ul

response 21030

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	182.44
56.00	136.50	148.44
0.00	0.00	0.00

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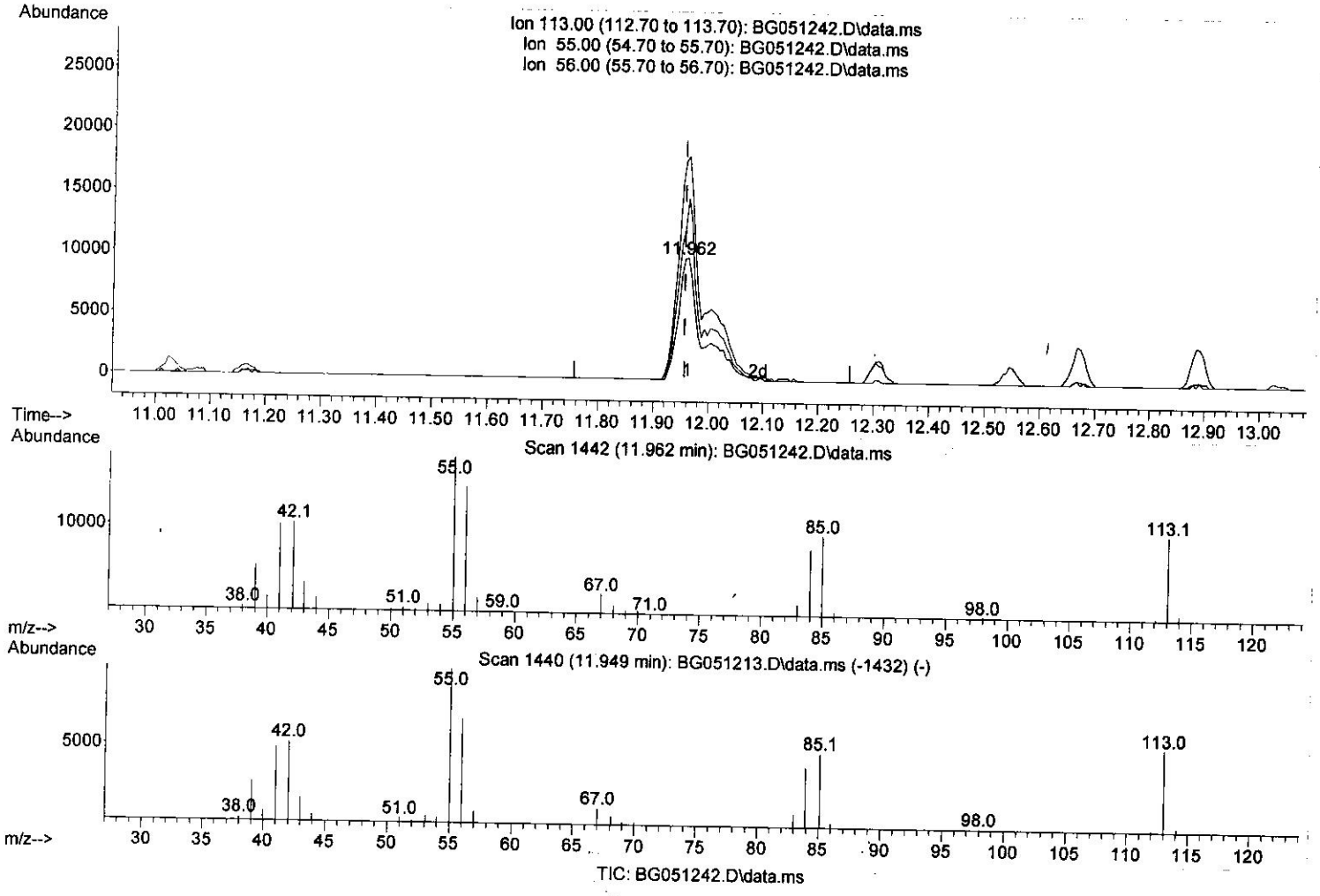

TIC: BG051242.D\data.ms

(34) Caprolactam

11.962min (+ 0.005) 32.02 ng/ul m 11/30/21

response 30138

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	182.44
56.00	136.50	148.44
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : PB140983BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

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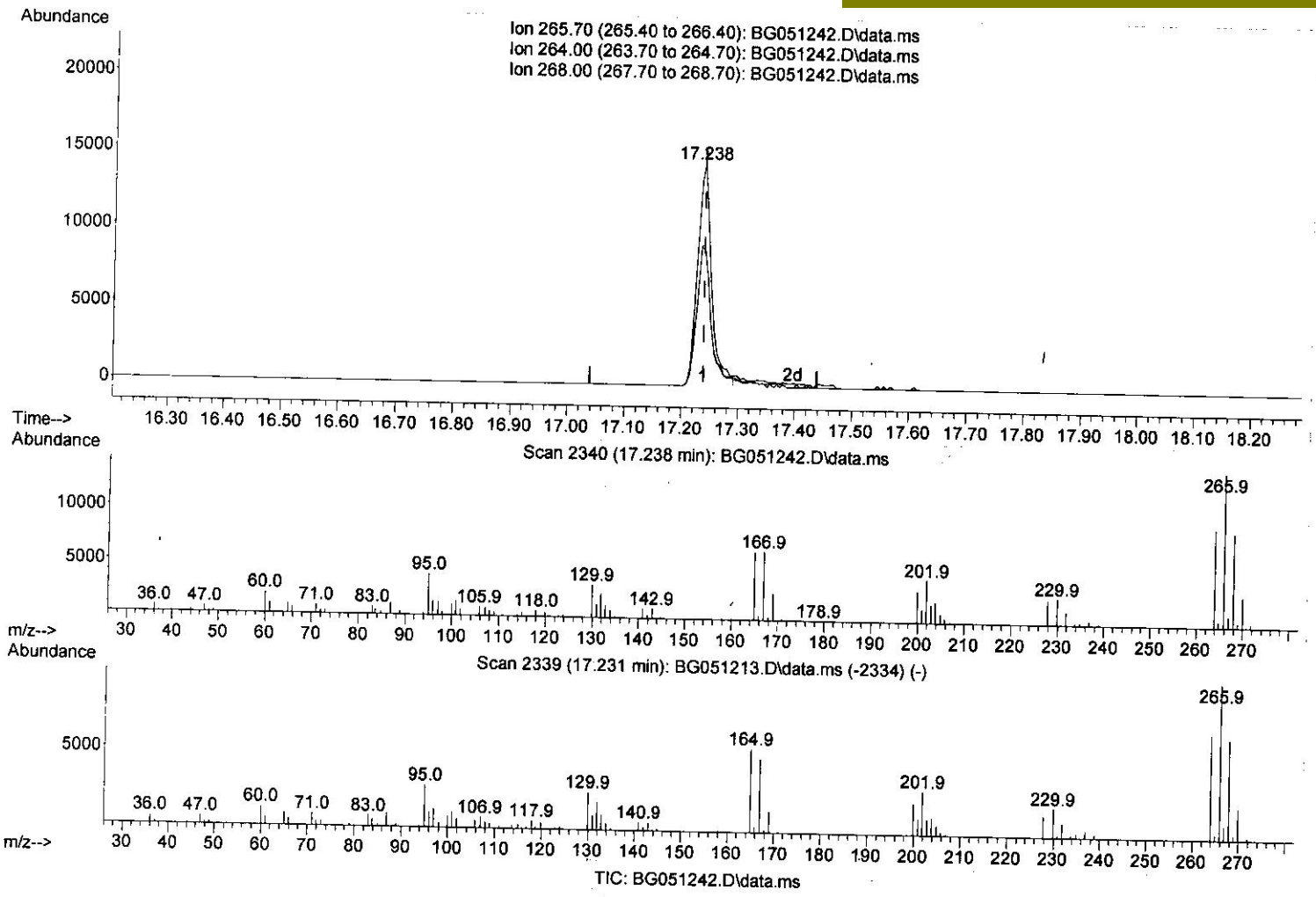

(71) Pentachlorophenol (C)

17.238min (-0.001) 23.90 ng/ul

response 25112

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	63.84
268.00	63.80	61.34
0.00	0.00	0.00

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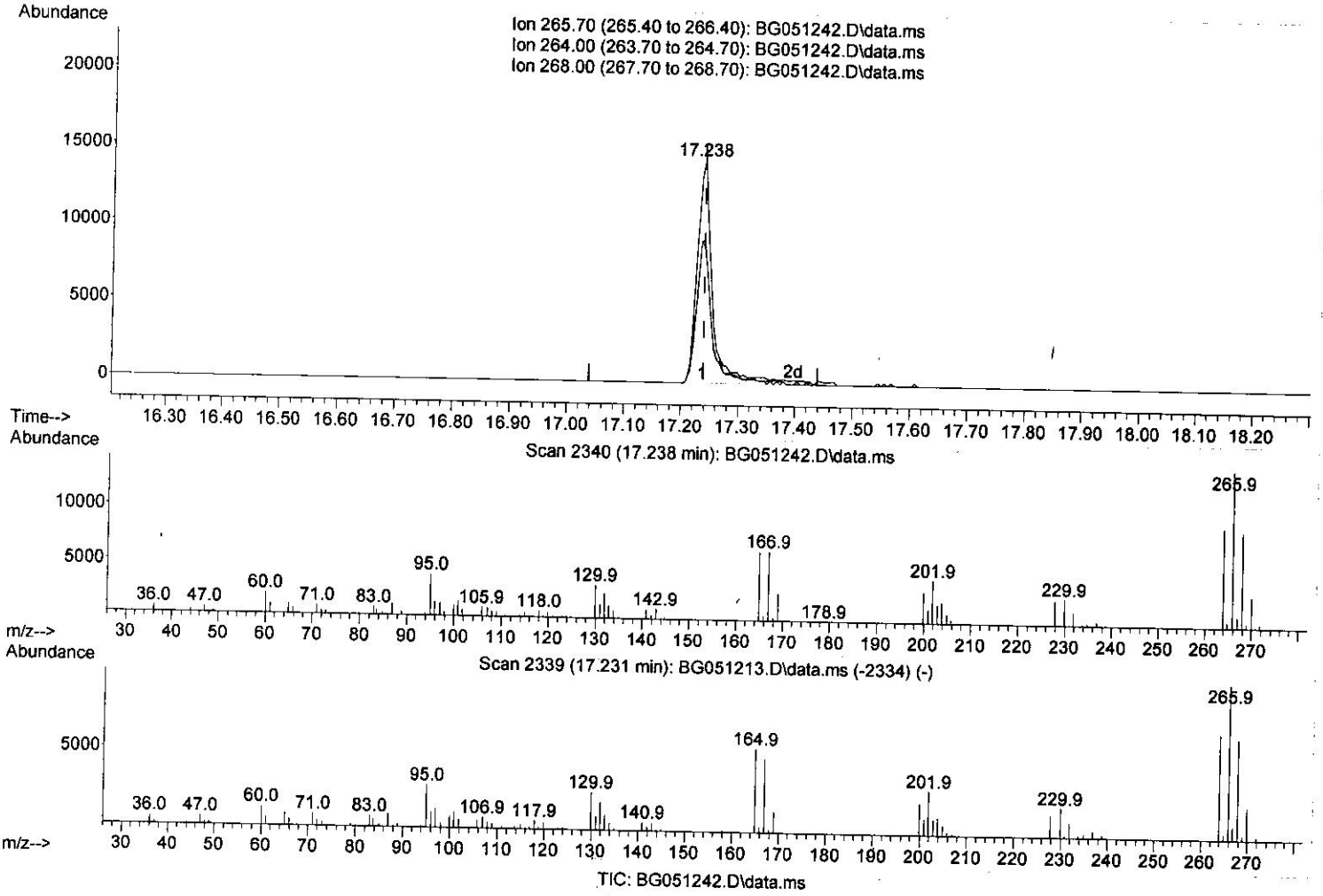

(71) Pentachlorophenol (C)

17.238min (-0.001) 24.30 ng/ul m JU 11/30/21

response 25535

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	63.84
268.00	63.80	61.34
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	8.196	152	32164	20.000	ng/ul	0.00
20) Naphthalene-d8	11.028	136	150547	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.830	164	102530	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.579	188	216967	20.000	ng/ul	0.00
79) Chrysene-d12	21.886	240	185936	20.000	ng/ul	0.00
88) Perylene-d12	25.288	264	187707	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.537	96	5098	5.508	ng/uL	0.00
4) Pyridine-d5	3.966	84	75478	27.791	ng/ul	-0.01
7) Phenol-d5	7.362	99	106692	33.563	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.515	67	64790	32.452	ng/ul	0.00
11) 2-Chlorophenol-d4	7.732	132	76640	33.480	ng/ul	0.00
15) 4-Methylphenol-d8	8.913	113	85166	33.200	ng/ul	0.00
21) Nitrobenzene-d5	9.377	128	41280	32.483	ng/ul	0.00
24) 2-Nitrophenol-d4	10.100	143	47651	33.240	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.652	165	81875	33.662	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	103560	29.099	ng/ul	0.00
46) Dimethylphthalate-d6	14.224	166	246637	31.263	ng/ul	0.00
49) Acenaphthylene-d8	14.530	160	319241	32.091	ng/ul	0.00
54) 4-Nitrophenol-d4	15.047	143	36926	28.917	ng/ul	0.00
60) Fluorene-d10	15.822	176	224311	31.575	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	40318	30.114	ng/ul	0.00
73) Anthracene-d10	17.685	188	330226	31.824	ng/ul	0.00
81) Pyrene-d10	19.959	212	374872	33.320	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.053	264	329504	32.869	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.578	88	11773	11.278	ng/uL	94
5) Pyridine	3.989	79	83662	29.603	ng/ul	97
6) Benzaldehyde	7.332	77	70358	34.754	ng/ul	97
8) Phenol	7.385	94	112681	34.217	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.609	93	83455	33.497	ng/ul	96
12) 2-Chlorophenol	7.761	128	79342	34.013	ng/ul	99
13) 2-Methylphenol	8.649	108	84069	34.273	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.725	45	122055	33.950	ng/ul	98
16) Acetophenone	9.030	105	132367	33.360	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.007	70	75822	33.253	ng/ul	96
18) 4-Methylphenol	8.978	108	90924	34.665	ng/ul	98
19) Hexachloroethane	9.283	117	32349	32.832	ng/ul	96
22) Nitrobenzene	9.418	77	110634	33.201	ng/ul	99
23) Isophorone	9.941	82	211169	32.618	ng/ul	99
25) 2-Nitrophenol	10.135	139	49763	33.514	ng/ul	98
26) 2,4-Dimethylphenol	10.188	107	99219	32.682	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.417	93	118213	33.076	ng/ul	98
29) 2,4-Dichlorophenol	10.681	162	79581	33.238	ng/ul	96
30) Naphthalene	11.075	128	267193	32.618	ng/ul	98
32) 4-Chloroaniline	11.193	127	106758	29.880	ng/ul	99
33) Hexachlorobutadiene	11.339	225	51238	31.026	ng/ul	97
34) Caprolactam	11.962	113	30138m	32.019	ng/ul	
35) 4-Chloro-3-methylphenol	12.309	107	99793	34.697	ng/ul	97

JV 11/30/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.673	142	182182	32.697	ng/ul	99
37) 1-Methylnaphthalene	12.891	142	184600	32.203	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.032	216	106484	33.082	ng/ul	98
40) Hexachlorocyclopentadiene	12.996	237	19398	14.910	ng/ul	98
41) 2,4,6-Trichlorophenol	13.278	196	69355	34.335	ng/ul	99
42) 2,4,5-Trichlorophenol	13.361	196	72675	34.357	ng/ul	98
43) 1,1'-Biphenyl	13.666	154	250317	32.687	ng/ul	97
44) 2-Chloronaphthalene	13.719	162	198704	32.619	ng/ul	100
45) 2-Nitroaniline	13.925	65	74637	35.402	ng/ul	94
47) Dimethylphthalate	14.271	163	253125	31.699	ng/ul	99
48) 2,6-Dinitrotoluene	14.412	165	56364	33.603	ng/ul	92
50) Acenaphthylene	14.559	152	319950	32.553	ng/ul	98
51) 3-Nitroaniline	14.747	138	55378	33.400	ng/ul	92
52) Acenaphthene	14.894	153	211347	32.606	ng/ul	95
53) 2,4-Dinitrophenol	14.965	184	20358	21.958	ng/ul	93
55) 4-Nitrophenol	15.065	109	33864	30.570	ng/ul	91
56) Dibenzofuran	15.229	168	303075	32.417	ng/ul	98
57) 2,4-Dinitrotoluene	15.206	165	78678	32.841	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.458	232	53802	32.390	ng/ul	98
59) Diethylphthalate	15.629	149	266630	31.810	ng/ul	98
61) Fluorene	15.881	166	239591	31.993	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.858	204	128221	31.771	ng/ul	99
63) 4-Nitroaniline	15.911	138	55636	34.482	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.969	198	39990	30.971	ng/ul#	99
67) N-Nitrosodiphenylamine	16.075	169	214111	34.471	ng/ul	96
68) 4-Bromophenyl-phenylether	16.757	248	79846	34.337	ng/ul	94
69) Hexachlorobenzene	16.886	284	79682	33.605	ng/ul	98
70) Atrazine	17.021	200	83345	31.928	ng/ul	99
71) Pentachlorophenol	17.238	266	25535m	24.304	ng/ul	
72) Phenanthrene	17.626	178	394923	32.966	ng/ul	99
74) Anthracene	17.720	178	388490	32.653	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.637	216	110144	34.804	ng/uL	98
76) Pentachlorobenzene	15.153	250	97886	33.196	ng/uL	100
77) Carbazole	17.991	167	347002	33.227	ng/ul	98
78) Di-n-butylphthalate	18.513	149	450746	33.474	ng/ul	99
80) Fluoranthene	19.630	202	469103	33.948	ng/ul	97
82) Pyrene	19.988	202	458281	33.904	ng/ul	98
83) Butylbenzylphthalate	20.852	149	198488	35.322	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.768	252	148462	34.294	ng/ul	99
85) Benzo(a)anthracene	21.862	228	429659	34.070	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.721	149	280887	34.736	ng/ul	100
87) Chrysene	21.933	228	408857	33.747	ng/ul	99
89) Di-n-octyl phthalate	22.985	149	477461	35.111	ng/ul	100
90) Benzo(b)fluoranthene	24.195	252	426962	33.705	ng/ul	97
91) Benzo(k)fluoranthene	24.271	252	402980	33.900	ng/ul	98
93) Benzo(a)pyrene	25.129	252	408892	33.834	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.207	276	462937	34.231	ng/ul	98
95) Dibenzo(a,h)anthracene	29.266	278	388525	33.864	ng/ul	98
96) Benzo(g,h,i)perylene	30.441	276	386659	33.982	ng/ul	97

JU 11/30/21

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