Quantitation Report (QT Reviewed)

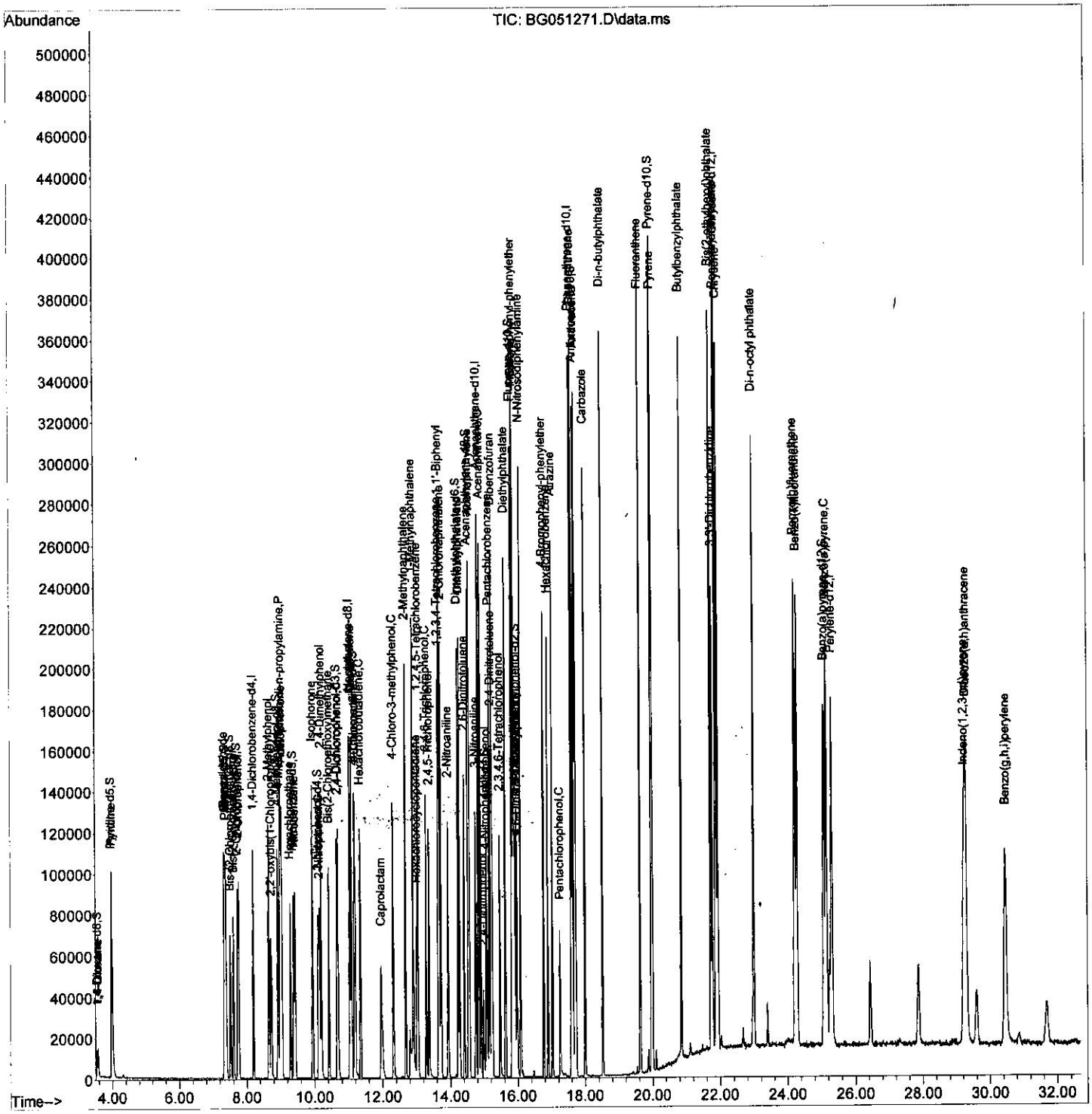
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112921\
Data File : BG051271.D
Acq On : 29 Nov 2021 14:16
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 14:59:35 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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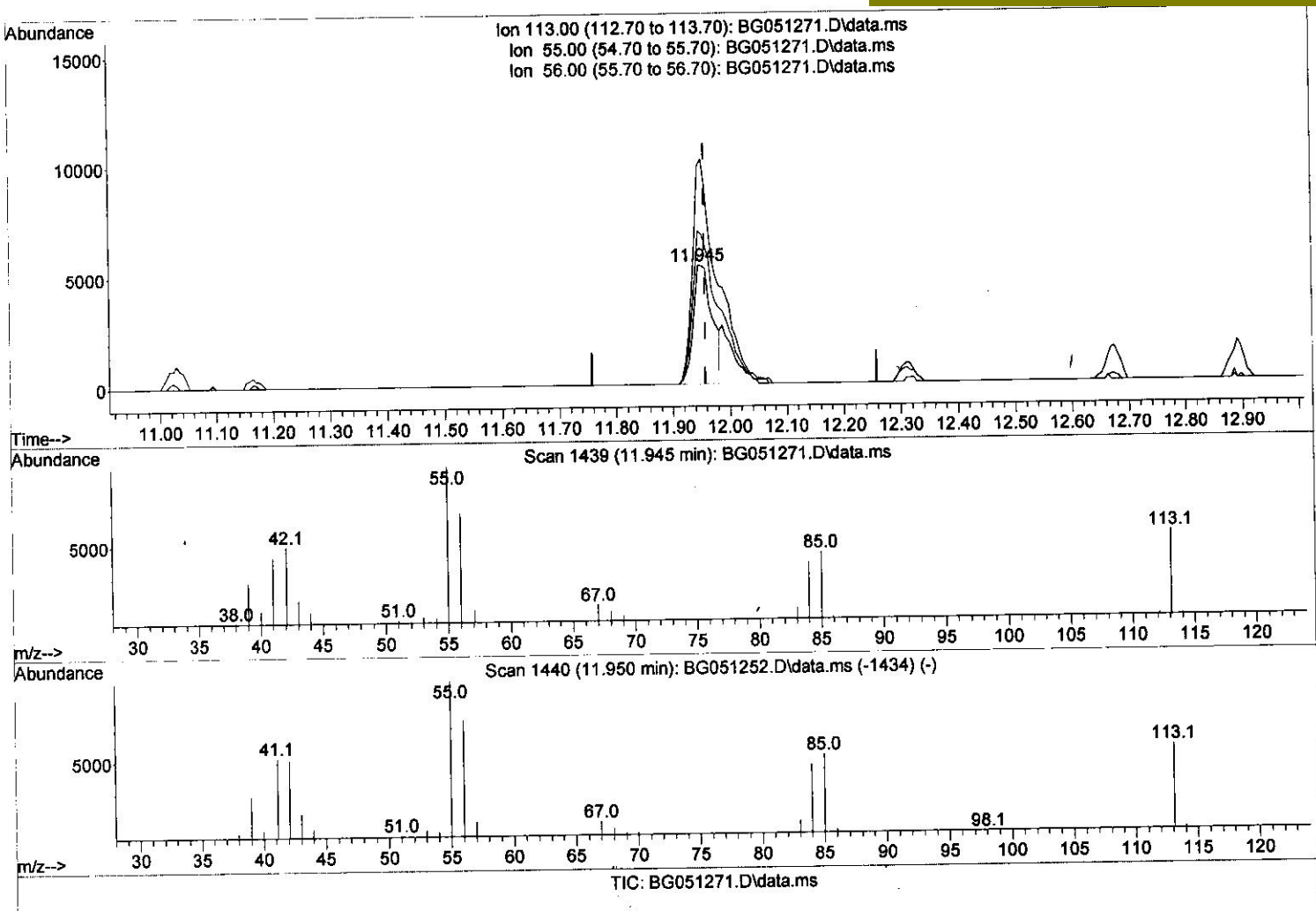

TIC: BG051271.D\data.ms

(34) Caprolactam

11.945min (-0.012) 14.08 ng/ul

response 12366

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	182.31
56.00	136.50	128.29
0.00	0.00	0.00

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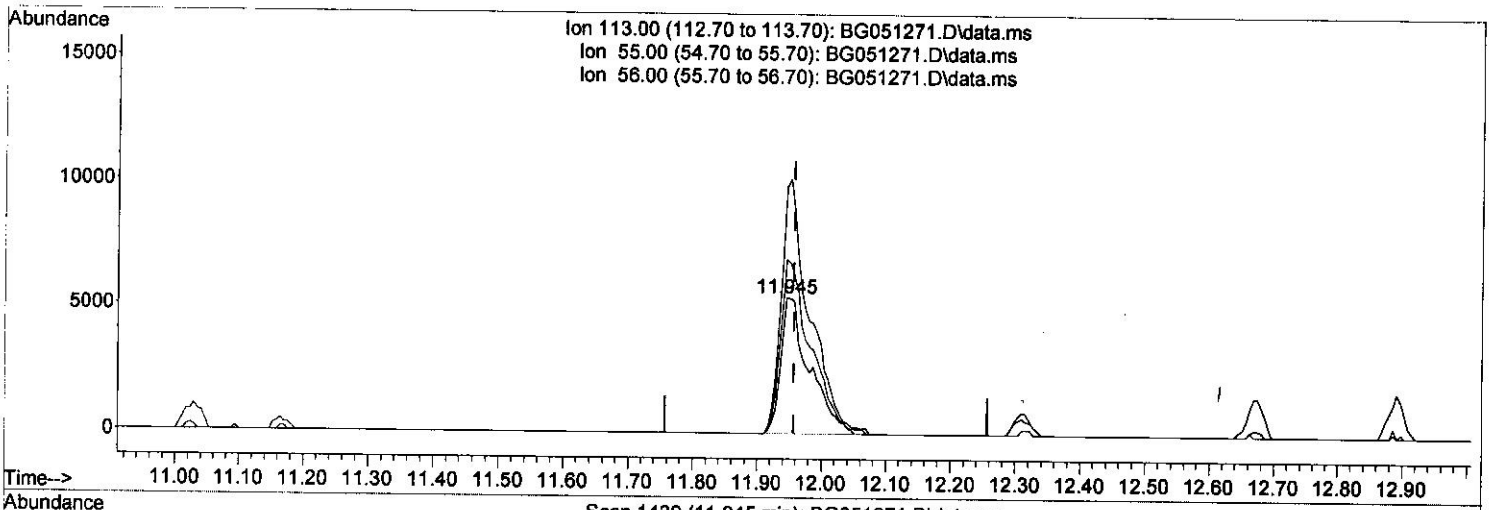

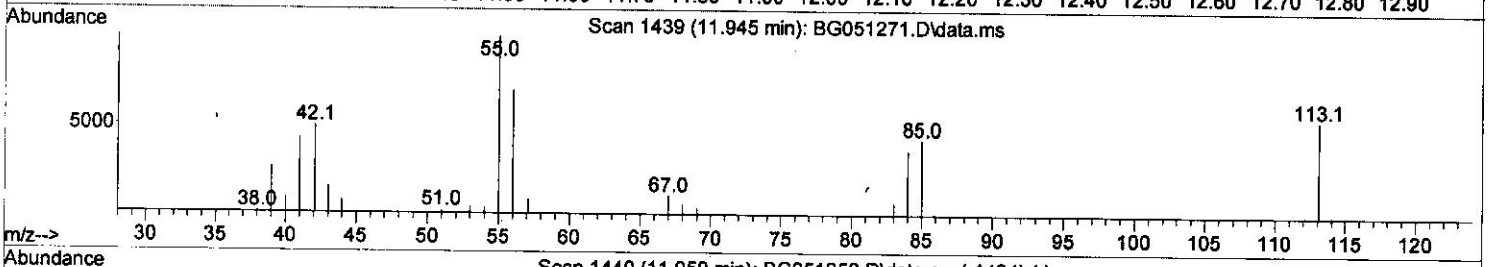

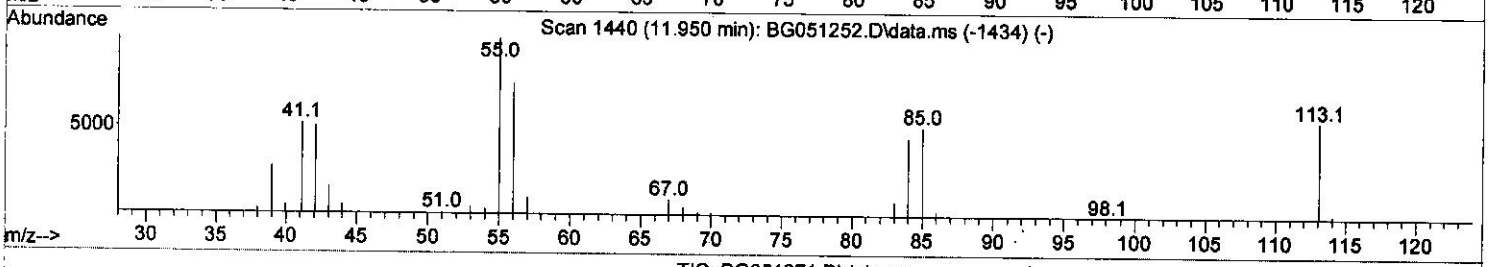

TIC: BG051271.D\data.ms

(34) Caprolactam

11.945min (-0.012) 18.93 ng/ul m

response 16622

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	182.31
56.00	136.50	128.29
0.00	0.00	0.00

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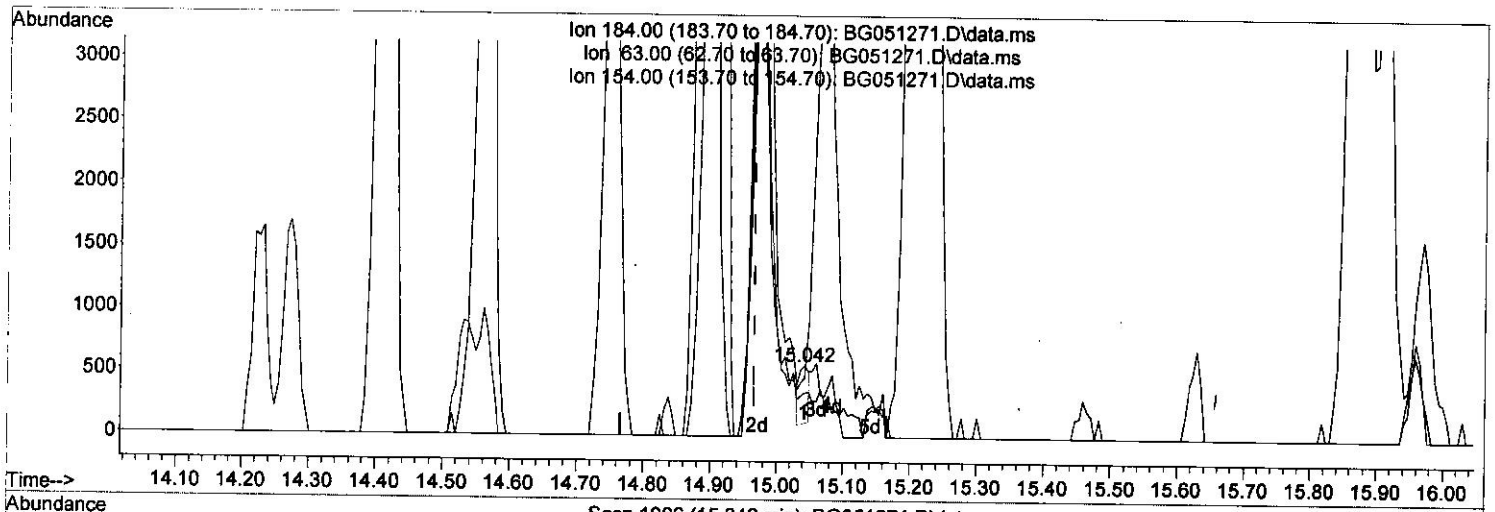

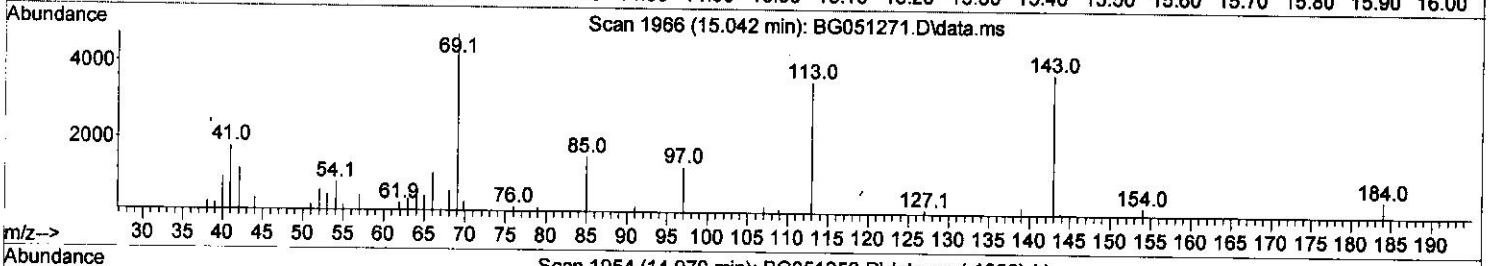

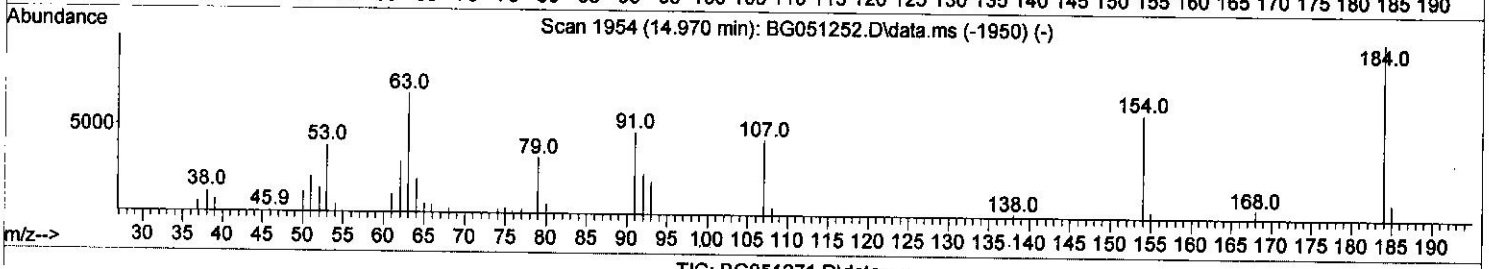

TIC: BG051271.D\data.ms

(53) 2,4-Dinitrophenol

15.042min (+ 0.076) 0.53 ng/ul

response 459

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	82.16
154.00	67.00	62.01
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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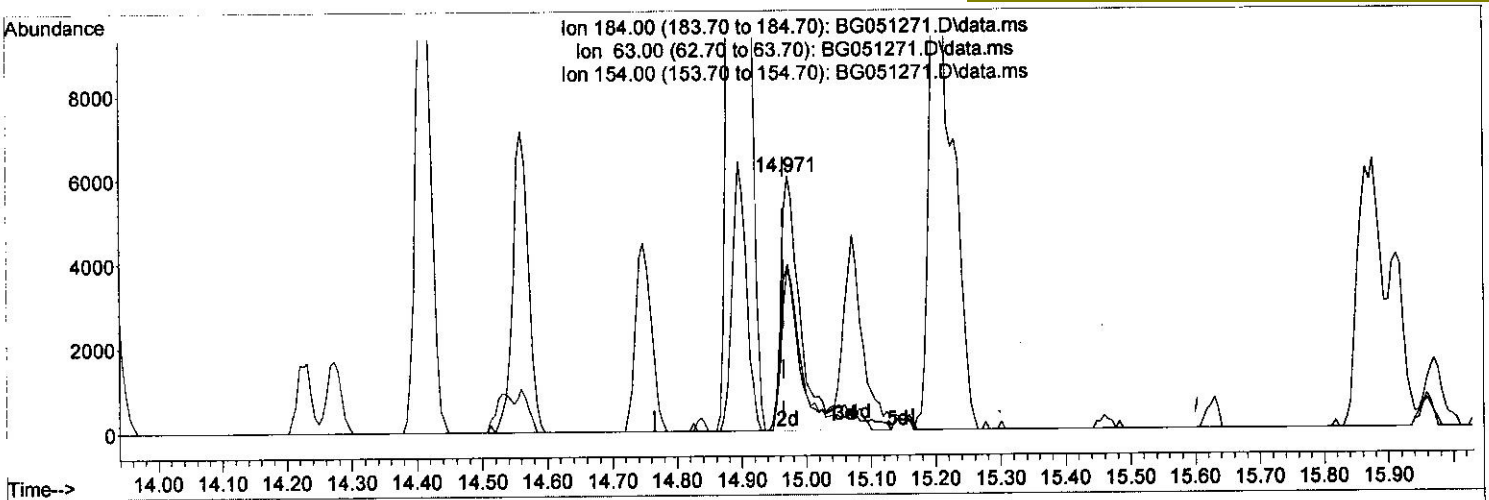

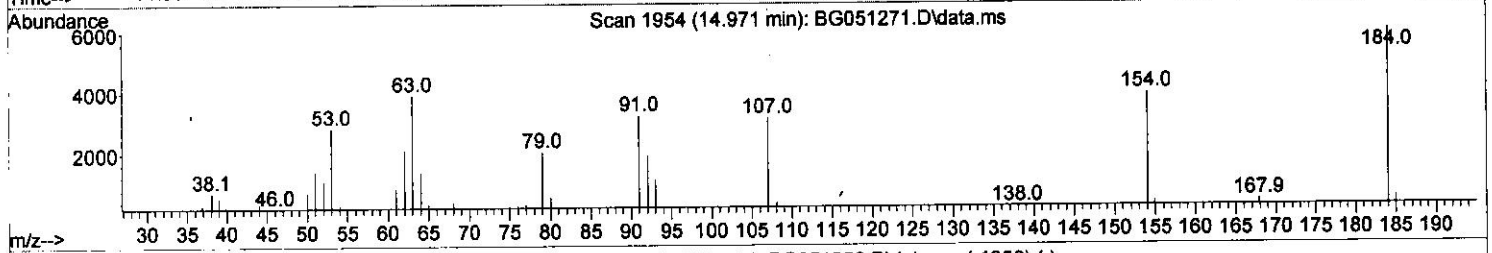

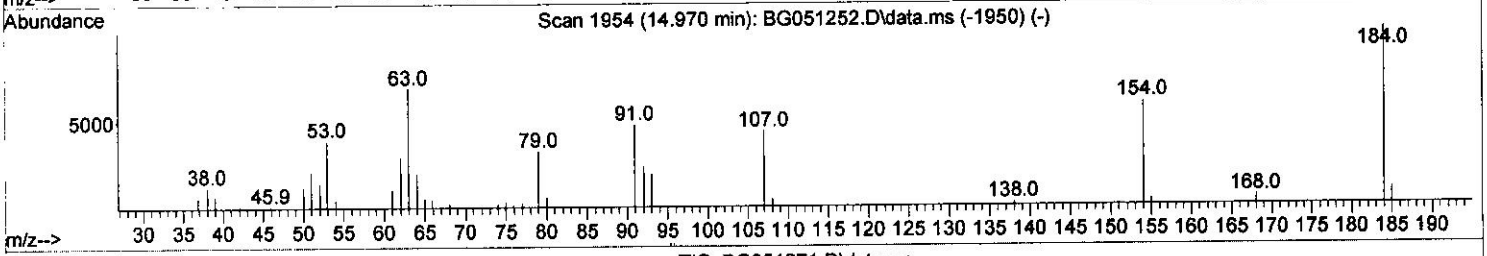

TIC: BG051271.D\data.ms

(53) 2,4-Dinitrophenol

14.971min (+ 0.006) 13.50 ng/ul m

response 11732

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	65.25#
154.00	67.00	64.99
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	8.203	152	31963	20.000	ng/ul	0.00
20) Naphthalene-d8	11.029	136	140439	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.836	164	96136	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.586	188	214044	20.000	ng/ul	0.00
79) Chrysene-d12	21.887	240	183473	20.000	ng/ul	0.00
88) Perylene-d12	25.300	264	184916	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.538	96	6604	7.180	ng/uL	0.00
4) Pyridine-d5	3.967	84	48210	17.862	ng/ul	-0.01
7) Phenol-d5	7.357	99	55913	17.699	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.515	67	36633	18.464	ng/ul	0.00
11) 2-Chlorophenol-d4	7.727	132	42224	18.562	ng/ul	0.00
15) 4-Methylphenol-d8	8.914	113	45256	17.753	ng/ul	0.00
21) Nitrobenzene-d5	9.378	128	21911	18.482	ng/ul	0.00
24) 2-Nitrophenol-d4	10.106	143	24977	18.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.653	165	42431	18.701	ng/ul	0.00
31) 4-Chloroaniline-d4	11.170	131	60004	18.074	ng/ul	0.00
46) Dimethylphthalate-d6	14.225	166	136500	18.453	ng/ul	0.00
49) Acenaphthylene-d8	14.531	160	175724	18.839	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	17699	14.782	ng/ul	0.00
60) Fluorene-d10	15.823	176	122972	18.461	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.958	200	19829	15.013	ng/ul	0.00
73) Anthracene-d10	17.686	188	189908	18.551	ng/ul	0.00
81) Pyrene-d10	19.965	212	210054	18.921	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.065	264	180142	18.241	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.573	88	6985	6.734	ng/uL#	95
5) Pyridine	3.990	79	50623	18.025	ng/ul	98
6) Benzaldehyde	7.333	77	42604	21.177	ng/ul	99
8) Phenol	7.386	94	57423	17.547	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.609	93	44956	18.158	ng/ul	96
12) 2-Chlorophenol	7.762	128	42017	18.126	ng/ul	92
13) 2-Methylphenol	8.649	108	43761	17.952	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.726	45	67024	18.760	ng/ul	99
16) Acetophenone	9.031	105	70568	17.897	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.002	70	42073	18.568	ng/ul	96
18) 4-Methylphenol	8.978	108	47114	18.075	ng/ul	95
19) Hexachloroethane	9.284	117	17091	17.455	ng/ul	98
22) Nitrobenzene	9.419	77	59631	19.183	ng/ul	99
23) Isophorone	9.936	82	111815	18.514	ng/ul	100
25) 2-Nitrophenol	10.142	139	25345	18.297	ng/ul	98
26) 2,4-Dimethylphenol	10.189	107	54465	19.232	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.418	93	62576	18.769	ng/ul	100
29) 2,4-Dichlorophenol	10.682	162	41560	18.607	ng/ul	95
30) Naphthalene	11.082	128	140670	18.409	ng/ul	98
32) 4-Chloroaniline	11.193	127	61550	18.467	ng/ul	97
33) Hexachlorobutadiene	11.340	225	28114	18.249	ng/ul	98
34) Caprolactam	11.945	113	16622m	18.930	ng/ul	
35) 4-Chloro-3-methylphenol	12.310	107	50914	18.976	ng/ul	98

JV 12/6/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.674	142	97417	18.742	ng/ul	99
37) 1-Methylnaphthalene	12.891	142	98895	18.494	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.032	216	55347	18.338	ng/ul	96
40) Hexachlorocyclopentadiene	13.003	237	18104	14.841	ng/ul	94
41) 2,4,6-Trichlorophenol	13.279	196	35258	18.616	ng/ul	98
42) 2,4,5-Trichlorophenol	13.361	196	35432	17.865	ng/ul	98
43) 1,1'-Biphenyl	13.667	154	132862	18.503	ng/ul	97
44) 2-Chloronaphthalene	13.720	162	104728	18.335	ng/ul	98
45) 2-Nitroaniline	13.925	65	38383	19.417	ng/ul	91
47) Dimethylphthalate	14.272	163	136301	18.204	ng/ul	100
48) 2,6-Dinitrotoluene	14.413	165	29261	18.605	ng/ul	93
50) Acenaphthylene	14.560	152	172104	18.675	ng/ul	98
51) 3-Nitroaniline	14.748	138	31337	20.157	ng/ul	92
52) Acenaphthene	14.901	153	112366	18.489	ng/ul	97
53) 2,4-Dinitrophenol	14.971	184	11732m	13.495	ng/ul	
55) 4-Nitrophenol	15.071	109	21025	20.242	ng/ul	95
56) Dibenzofuran	15.230	168	161478	18.420	ng/ul	99
57) 2,4-Dinitrotoluene	15.206	165	41065	18.281	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.465	232	25493	16.368	ng/ul	98
59) Diethylphthalate	15.629	149	144190	18.346	ng/ul	98
61) Fluorene	15.882	166	131420	18.716	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.864	204	68393	18.073	ng/ul	99
63) 4-Nitroaniline	15.911	138	31890	21.079	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.976	198	19158	15.040	ng/ul#	96
67) N-Nitrosodiphenylamine	16.082	169	116781	19.058	ng/ul	97
68) 4-Bromophenyl-phenylether	16.757	248	42361	18.466	ng/ul	93
69) Hexachlorobenzene	16.887	284	43335	18.526	ng/ul	98
70) Atrazine	17.022	200	47958	18.622	ng/ul	97
71) Pentachlorophenol	17.245	266	14437	13.928	ng/ul	96
72) Phenanthrene	17.627	178	219852	18.603	ng/ul	99
74) Anthracene	17.721	178	219999	18.744	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.638	216	57957	18.564	ng/ul	96
76) Pentachlorobenzene	15.153	250	54094	18.595	ng/ul	98
77) Carbazole	17.991	167	193354	18.767	ng/ul	98
78) Di-n-butylphthalate	18.514	149	251811	18.956	ng/ul	99
80) Fluoranthene	19.631	202	257142	18.859	ng/ul	98
82) Pyrene	19.995	202	255895	19.186	ng/ul	97
83) Butylbenzylphthalate	20.853	149	107254	19.342	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.775	252	81946	19.183	ng/ul	99
85) Benzo(a)anthracene	21.869	228	230519	18.524	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.728	149	153073	19.184	ng/ul	98
87) Chrysene	21.940	228	220122	18.413	ng/ul	98
89) Di-n-octyl phthalate	22.991	149	258555	19.300	ng/ul	100
90) Benzo(b)fluoranthene	24.208	252	230783	18.493	ng/ul	98
91) Benzo(k)fluoranthene	24.278	252	210040	17.936	ng/ul	98
93) Benzo(a)pyrene	25.136	252	220241	18.499	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.219	276	240536	18.055	ng/ul	98
95) Dibenzo(a,h)anthracene	29.272	278	204078	18.056	ng/ul	96
96) Benzo(g,h,i)perylene	30.459	276	193307	17.246	ng/ul	97

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