Quantitation Report (QT Reviewed)

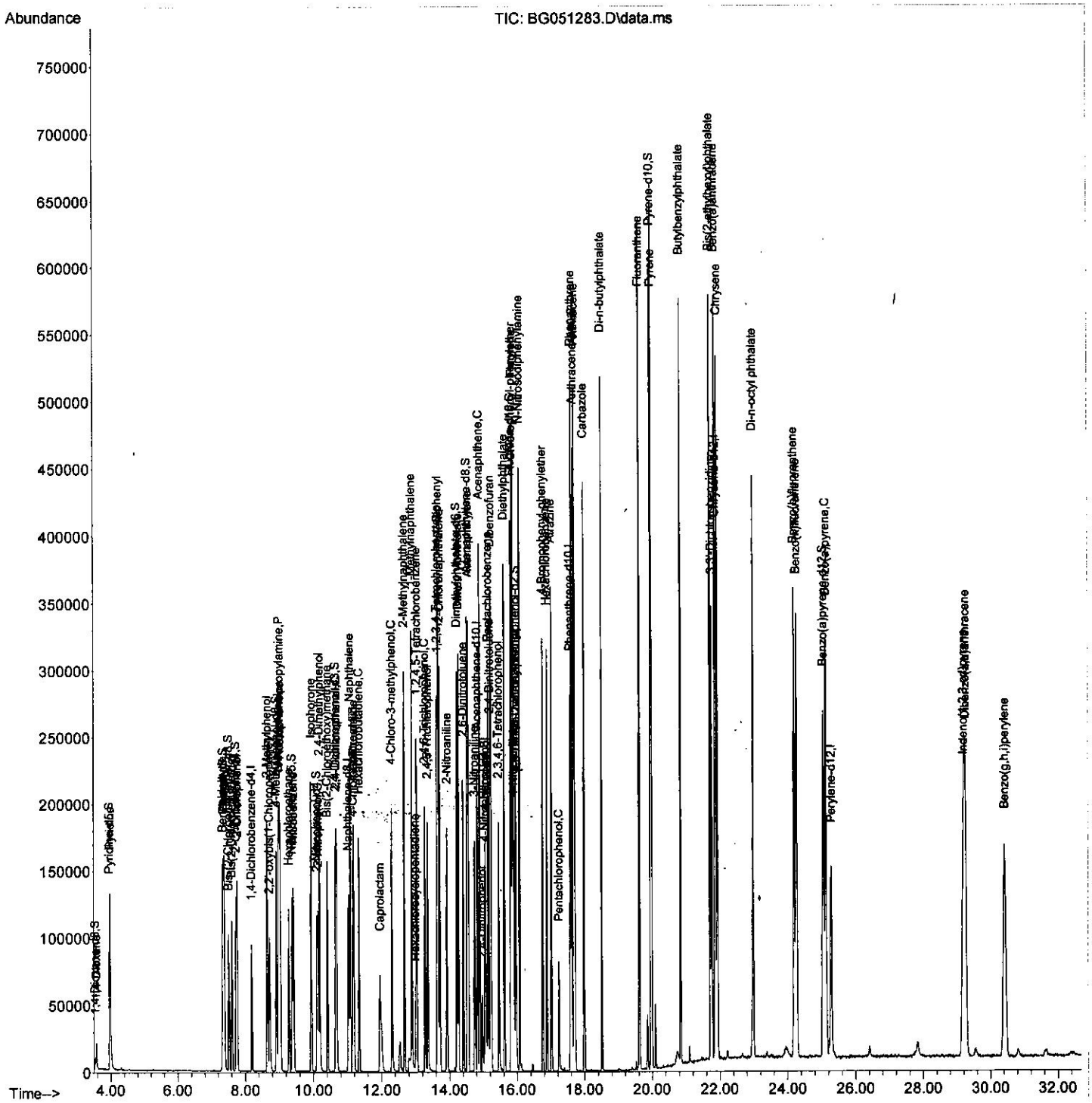
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113021\
Data File : BG051283.D
Acq On : 30 Nov 2021 17:42
Operator : CG/JU
Sample : PB141054BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 01 00:09:21 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 :
SLCS054

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



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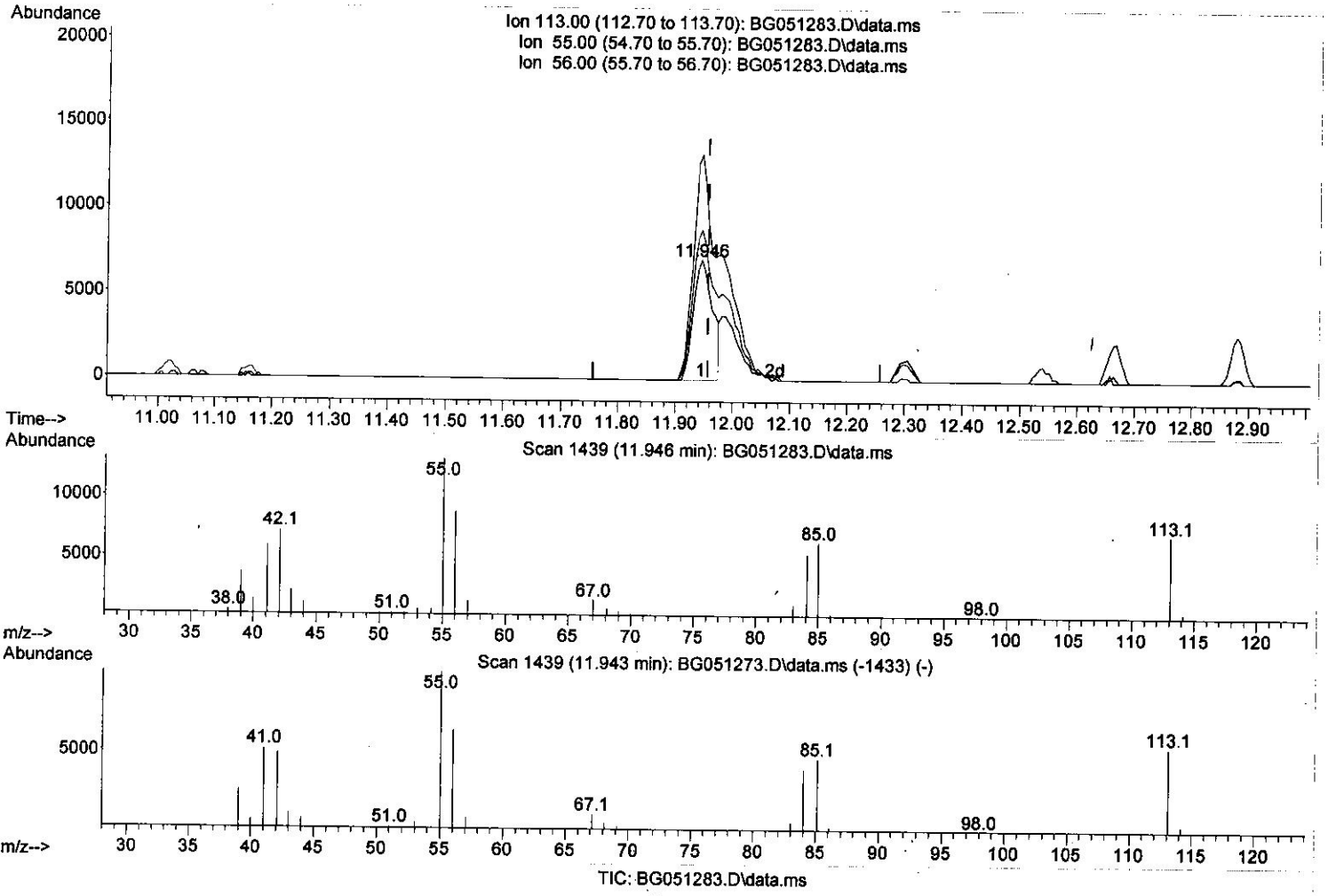

TIC: BG051283.D\data.ms

(34) Caprolactam

11.946min (-0.012) 23.06 ng/ul

response 16635

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	188.16
56.00	136.50	125.34
0.00	0.00	0.00

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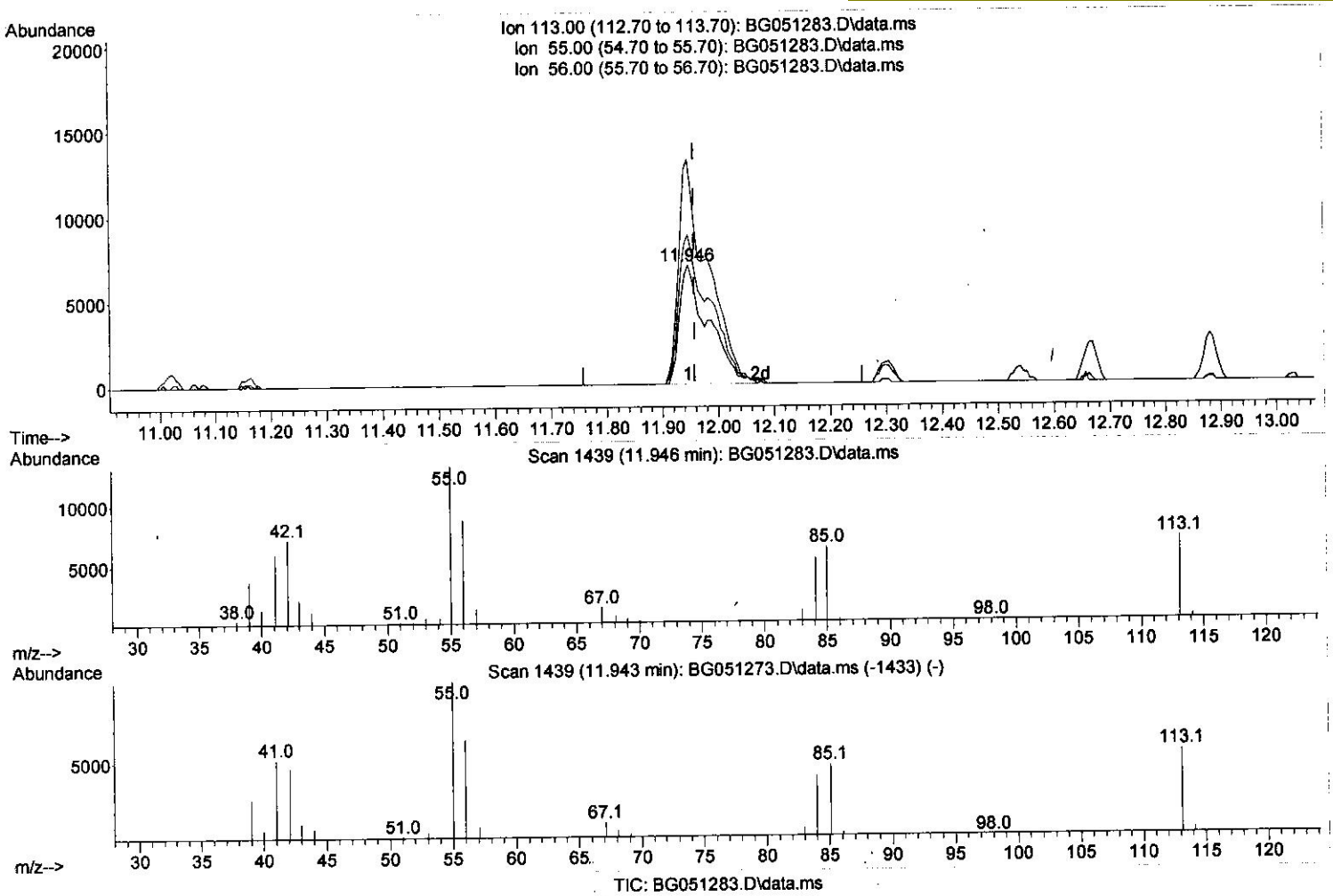

(34) Caprolactam

11.946min (-0.012) 34.71 ng/ul m 30 12/6/21

response 25044

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	188.16
56.00	136.50	125.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 12 Sample Multiplier: 1

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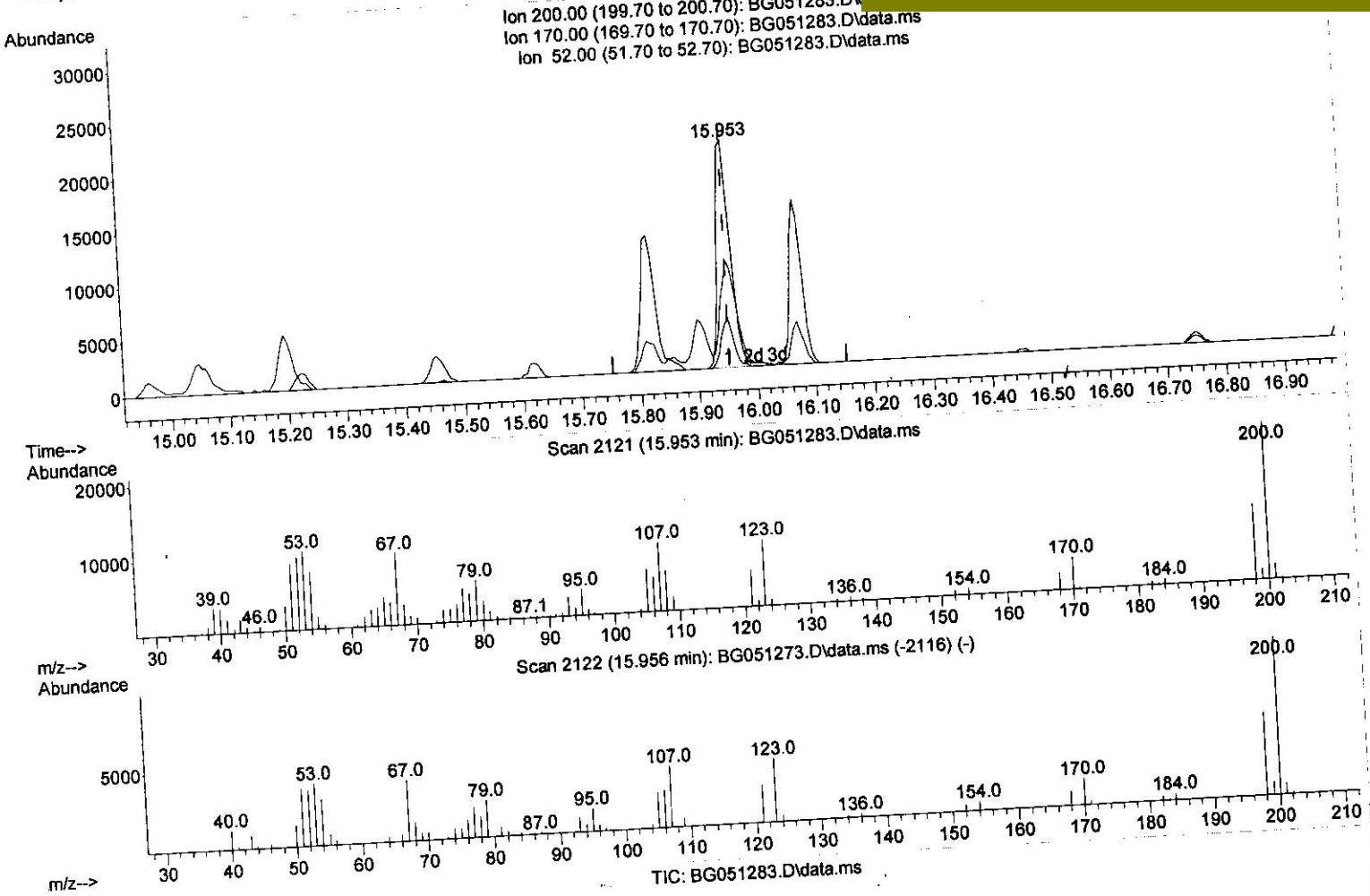

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.953min (+ 0.000) 31.04 ng/ul

response 33376

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.80	20.99
52.00	47.40	46.62
0.00	0.00	0.00

Quantitation Report (Qedit)

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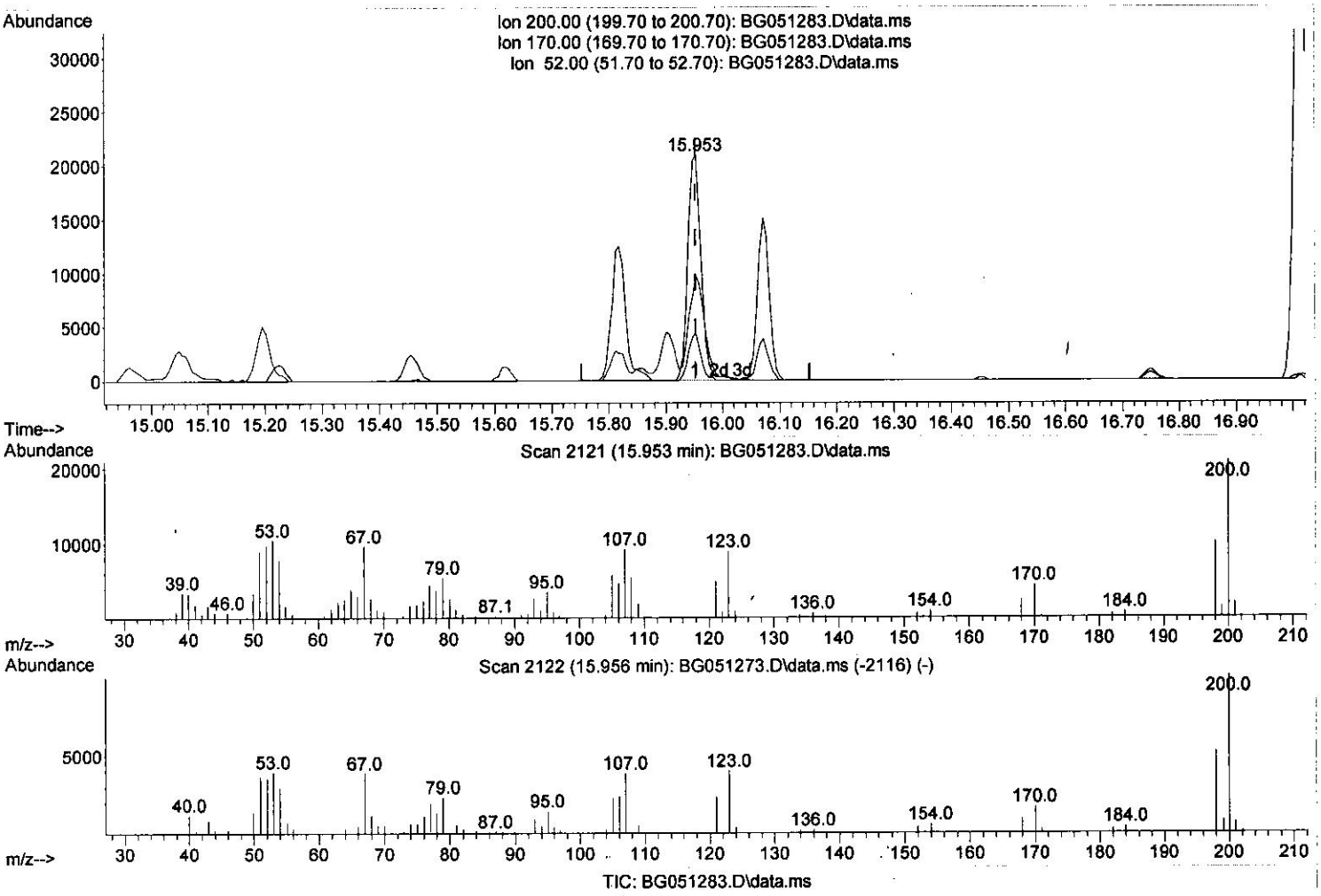

TIC: BG051283.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.953min (+ 0.000) 31.45 ng/ul m

response 33819

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.80	20.99
52.00	47.40	46.62
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.191	152	25253	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.017	136	115399	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.825	164	78229	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.574	188	174268	20.000	ng/ul	0.00
79) Chrysene-d12	21.875	240	153284	20.000	ng/ul	0.00
88) Perylene-d12	25.277	264	153758	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	4164	5.730	ng/uL	-0.01
4) Pyridine-d5	3.961	84	58756	27.554	ng/ul	-0.02
7) Phenol-d5	7.351	99	82430	33.027	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.510	67	51815	33.056	ng/ul	0.00
11) 2-Chlorophenol-d4	7.721	132	59624	33.175	ng/ul	-0.01
15) 4-Methylphenol-d8	8.908	113	65785	32.663	ng/ul	0.00
21) Nitrobenzene-d5	9.372	128	31399	32.233	ng/ul	0.00
24) 2-Nitrophenol-d4	10.095	143	36117	32.868	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	60499	32.449	ng/ul	0.00
31) 4-Chloroaniline-d4	11.158	131	71711	26.287	ng/ul	0.00
46) Dimethylphthalate-d6	14.220	166	196742	32.685	ng/ul	0.00
49) Acenaphthylene-d8	14.525	160	243562	32.089	ng/ul	0.00
54) 4-Nitrophenol-d4	15.042	143	28752	29.510	ng/ul	0.00
60) Fluorene-d10	15.818	176	175949	32.461	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.953	200	33819m	31.449	ng/ul	0.00
73) Anthracene-d10	17.674	188	273259	32.786	ng/ul	0.00
81) Pyrene-d10	19.954	212	324218	34.957	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.042	264	279392	34.023	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.567	88	9532	11.631	ng/uL	96
5) Pyridine	3.979	79	66293	29.877	ng/ul	98
6) Benzaldehyde	7.328	77	53850	33.880	ng/ul	97
8) Phenol	7.380	94	87403	33.804	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.598	93	65764	33.620	ng/ul	95
12) 2-Chlorophenol	7.757	128	61630	33.651	ng/ul	97
13) 2-Methylphenol	8.638	108	65441	33.980	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.714	45	96504	34.189	ng/ul	96
16) Acetophenone	9.020	105	104498	33.544	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.996	70	60579	33.839	ng/ul	98
18) 4-Methylphenol	8.973	108	68740	33.379	ng/ul	97
19) Hexachloroethane	9.278	117	25398	32.832	ng/ul	92
22) Nitrobenzene	9.413	77	87177	34.130	ng/ul	96
23) Isophorone	9.930	82	168050	33.864	ng/ul	99
25) 2-Nitrophenol	10.130	139	37483	32.932	ng/ul	98
26) 2,4-Dimethylphenol	10.177	107	77181	33.167	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.406	93	92796	33.872	ng/ul	98
29) 2,4-Dichlorophenol	10.671	162	59823	32.596	ng/ul	96
30) Naphthalene	11.070	128	204533	32.574	ng/ul	97
32) 4-Chloroaniline	11.182	127	84288	30.776	ng/ul	96
33) Hexachlorobutadiene	11.335	225	39840	31.472	ng/ul	99
34) Caprolactam	11.946	113	25044m	34.711	ng/ul	
35) 4-Chloro-3-methylphenol	12.298	107	75144	34.084	ng/ul	99

JU 12/6/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.663	142	138569	32.444	ng/ul	97
37) 1-Methylnaphthalene	12.880	142	139794	31.815	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.027	216	79276	32.279	ng/ul	97
40) Hexachlorocyclopentadiene	12.992	237	12630	12.723	ng/ul	97
41) 2,4,6-Trichlorophenol	13.274	196	50624	32.848	ng/ul	97
42) 2,4,5-Trichlorophenol	13.350	196	53301	33.026	ng/ul	99
43) 1,1'-Biphenyl	13.661	154	188892	32.328	ng/ul	98
44) 2-Chloronaphthalene	13.708	162	150425	32.364	ng/ul	98
45) 2-Nitroaniline	13.920	65	57865	35.972	ng/ul	92
47) Dimethylphthalate	14.267	163	200140	32.849	ng/ul	99
48) 2,6-Dinitrotoluene	14.402	165	43652	34.108	ng/ul	94
50) Acenaphthylene	14.554	152	242135	32.289	ng/ul	98
51) 3-Nitroaniline	14.742	138	43945	34.738	ng/ul	95
52) Acenaphthene	14.889	153	160672	32.488	ng/ul	98
53) 2,4-Dinitrophenol	14.966	184	14649	20.708	ng/ul#	86
55) 4-Nitrophenol	15.060	109	26757	31.657	ng/ul	90
56) Dibenzofuran	15.224	168	229598	32.186	ng/ul	99
57) 2,4-Dinitrotoluene	15.195	165	62455	34.167	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.453	232	39080	30.836	ng/ul	99
59) Diethylphthalate	15.618	149	214882	33.600	ng/ul	99
61) Fluorene	15.871	166	185178	32.408	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.853	204	98159	31.877	ng/ul	97
63) 4-Nitroaniline	15.906	138	45644	37.077	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.965	198	32988	31.808	ng/ul#	96
67) N-Nitrosodiphenylamine	16.070	169	167067	33.487	ng/ul	99
68) 4-Bromophenyl-phenylether	16.752	248	61631	32.998	ng/ul	94
69) Hexachlorobenzene	16.875	284	64236	33.729	ng/ul	98
70) Atrazine	17.010	200	66838	31.878	ng/ul	98
71) Pentachlorophenol	17.234	266	17237	20.425	ng/ul	97
72) Phenanthrene	17.621	178	325324	33.810	ng/ul	99
74) Anthracene	17.710	178	321267	33.619	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.632	216	82486	32.451	ng/uL	97
76) Pentachlorobenzene	15.142	250	74565	31.483	ng/uL	99
77) Carbazole	17.986	167	295894	35.276	ng/ul	99
78) Di-n-butylphthalate	18.509	149	379426	35.081	ng/ul	99
80) Fluoranthene	19.619	202	407071	35.734	ng/ul	99
82) Pyrene	19.983	202	393662	35.327	ng/ul	98
83) Butylbenzylphthalate	20.841	149	166005	35.834	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.764	252	122006	34.186	ng/ul	96
85) Benzo(a)anthracene	21.858	228	360875	34.711	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.717	149	237036	35.557	ng/ul	99
87) Chrysene	21.928	228	345191	34.562	ng/ul	100
89) Di-n-octyl phthalate	22.980	149	406225	36.468	ng/ul	100
90) Benzo(b)fluoranthene	24.184	252	364936	35.169	ng/ul	98
91) Benzo(k)fluoranthene	24.255	252	329237	33.811	ng/ul	99
93) Benzo(a)pyrene	25.119	252	343898	34.739	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.190	276	384815	34.737	ng/ul	98
95) Dibenzo(a,h)anthracene	29.249	278	318325	33.871	ng/ul	96
96) Benzo(g,h,i)perylene	30.424	276	320760	34.415	ng/ul	96

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