Quantitation Report (QT Reviewed)

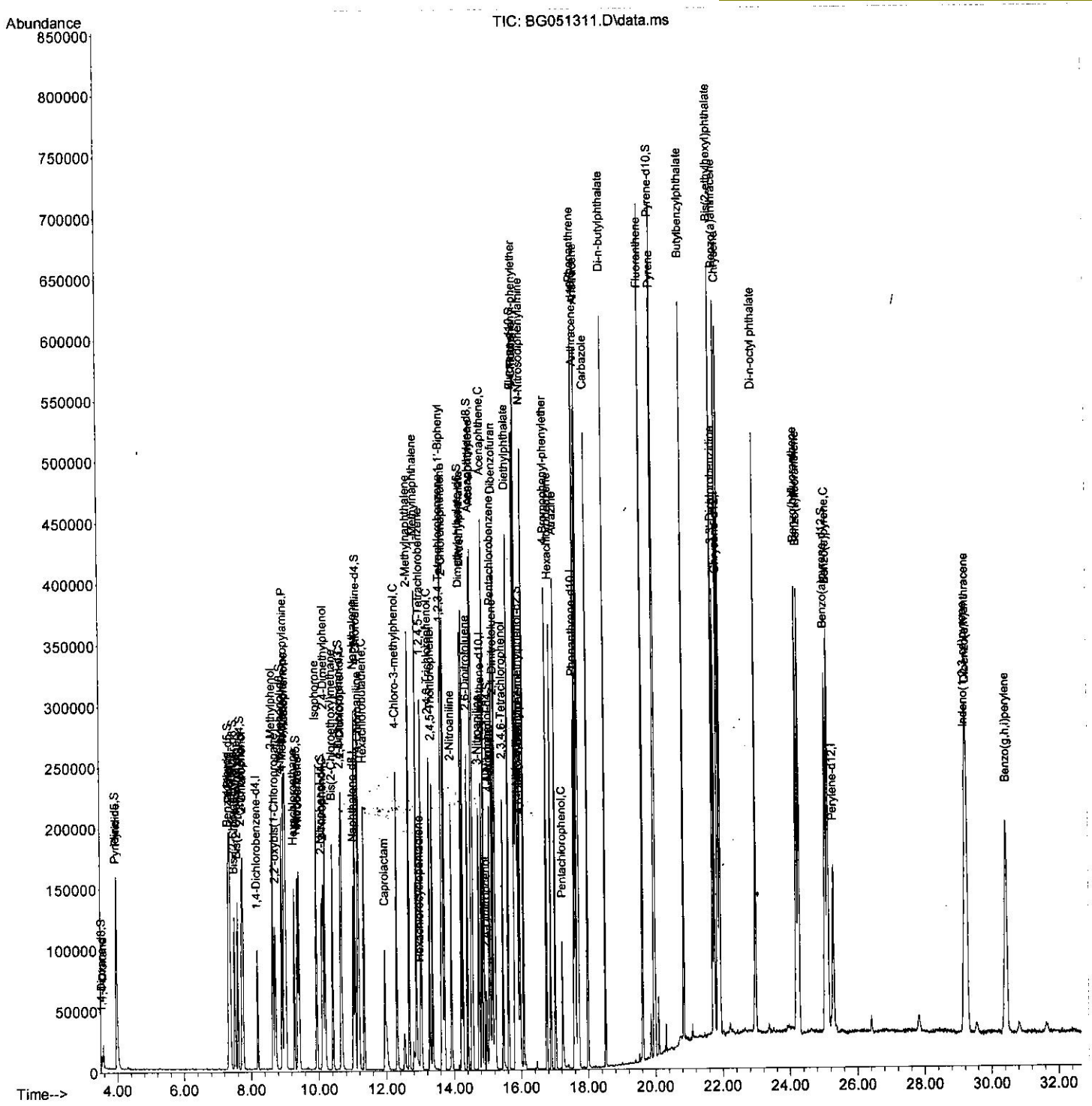
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051311.D
Acq On : 2 Dec 2021 19:45
Operator : CG/JU
Sample : PB141107BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 03 00:02:12 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 :
SLCS107

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



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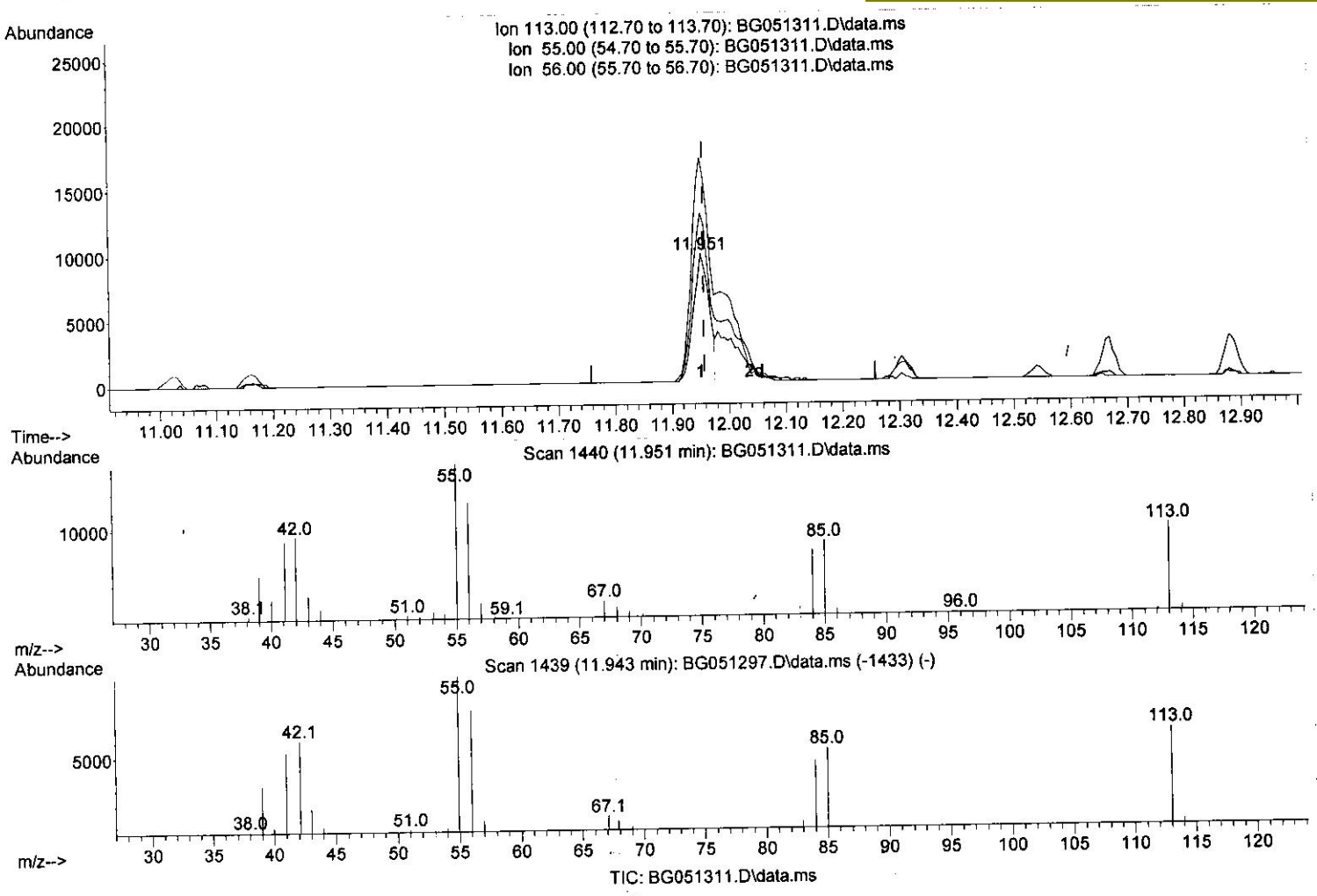

(34) Caprolactam

11.951min (-0.006) 24.51 ng/ul

response 19062

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	174.44
56.00	136.50	131.77
0.00	0.00	0.00

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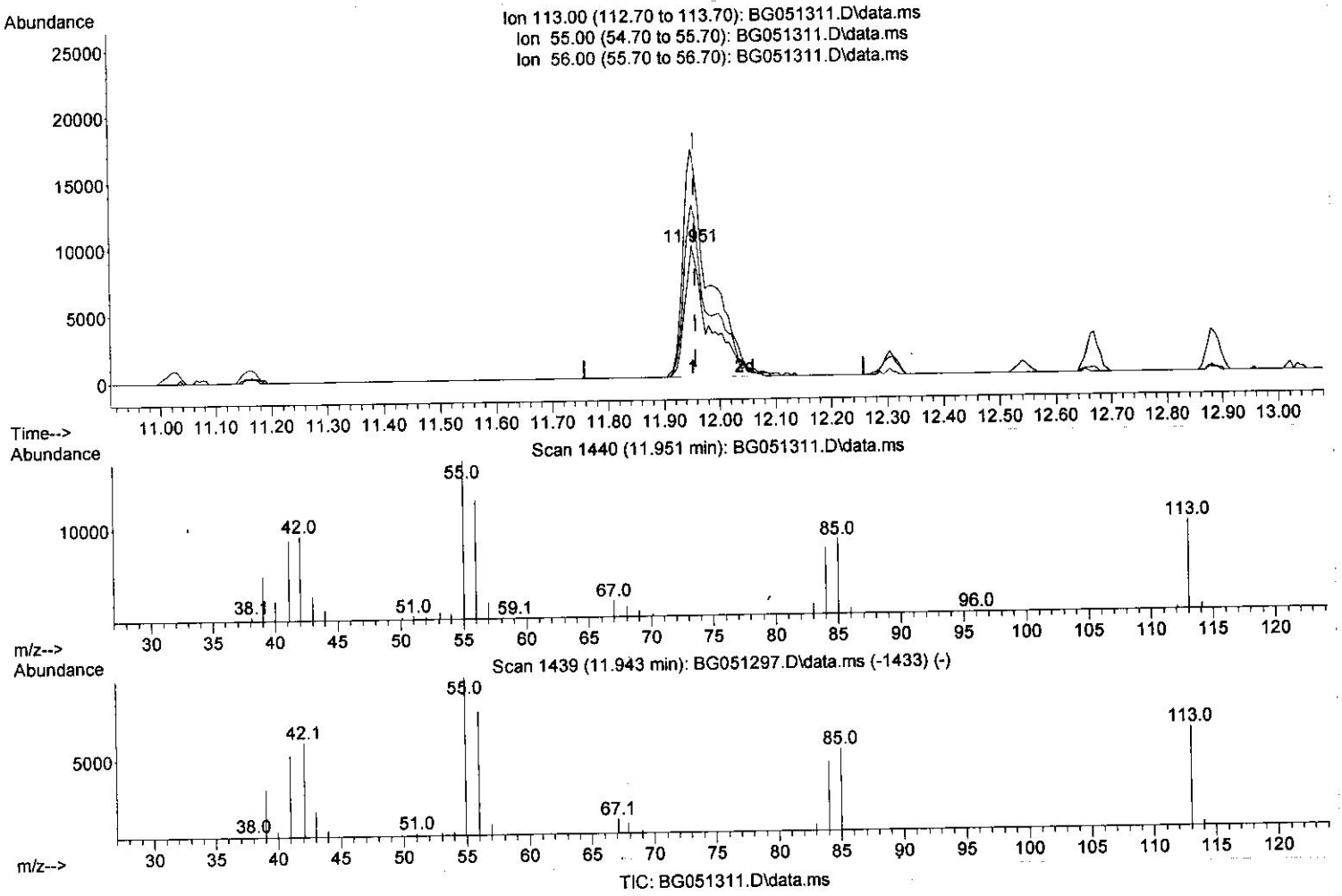

(34) Caprolactam

11.951min (-0.006) 37.91 ng/ul m JV 12/20/21

response 29487

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	174.44
56.00	136.50	131.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 16 Sample Multiplier: 1

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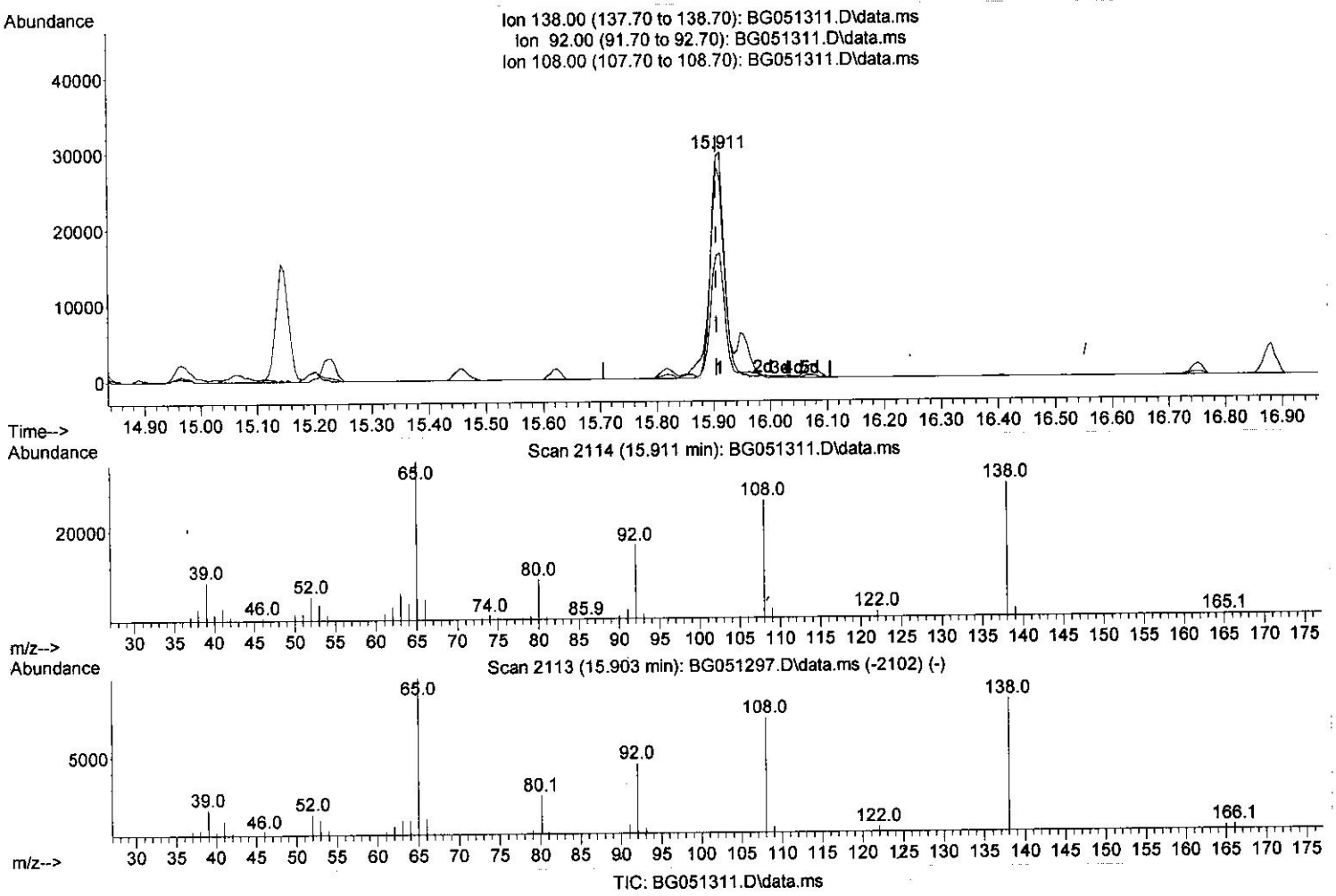

(63) 4-Nitroaniline

15.911min (+ 0.006) 41.87 ng/ul

response 54396

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	55.60
108.00	90.70	88.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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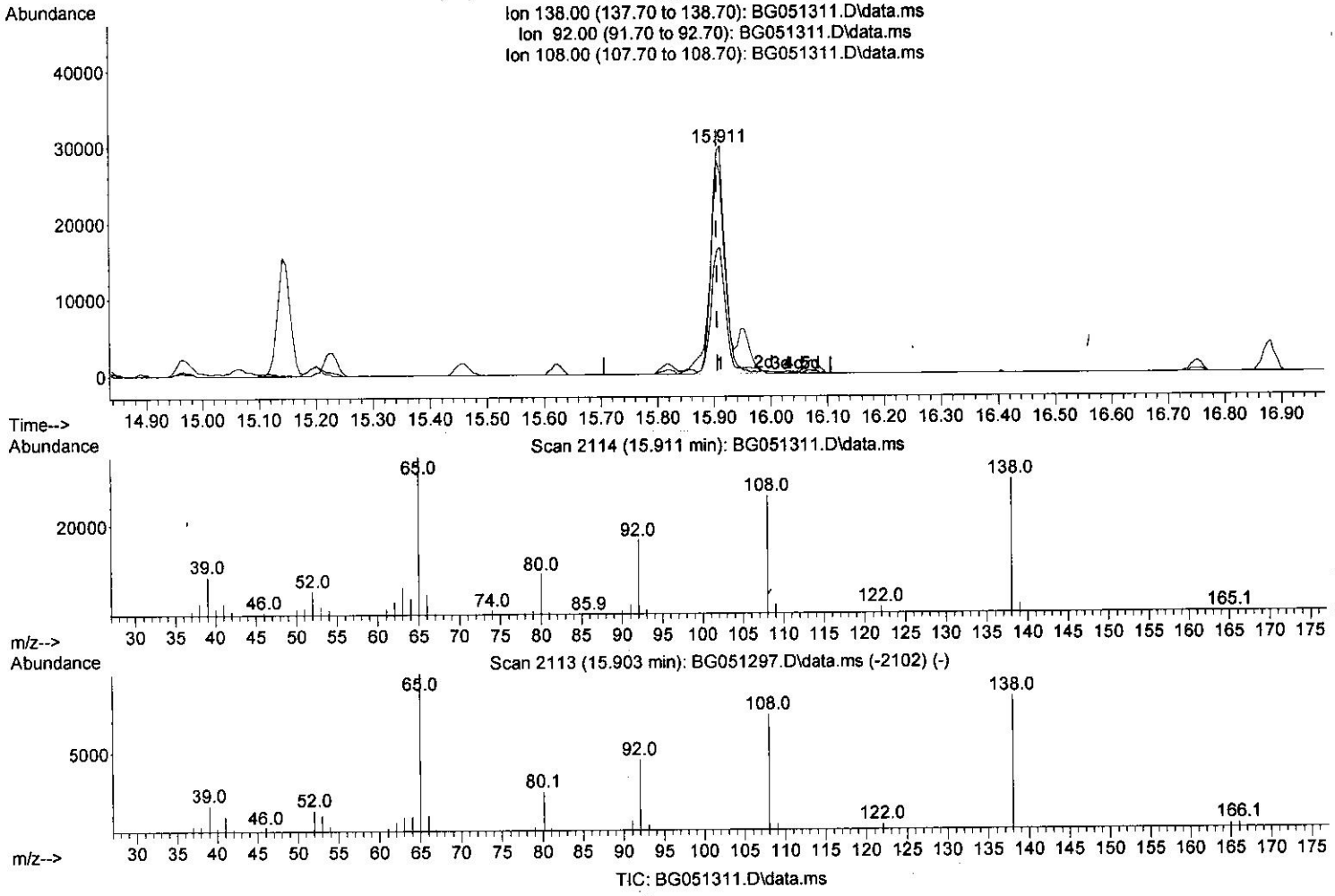

TIC: BG051311.D\data.ms

(63) 4-Nitroaniline

15.911min (+ 0.006) 42.00 ng/ul m

response 54557

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	55.60
108.00	90.70	88.10
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	27973	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.023	136	124405	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.830	164	82549	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.580	188	179425	20.000	ng/ul	0.00
79) Chrysene-d12	21.881	240	149239	20.000	ng/ul	0.00
88) Perylene-d12	25.283	264	148922	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	5323	6.613	ng/uL	-0.01
4) Pyridine-d5	3.961	84	75110	31.798	ng/ul	-0.02
7) Phenol-d5	7.357	99	102798	37.183	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.509	67	62705	36.113	ng/ul	0.00
11) 2-Chlorophenol-d4	7.727	132	73848	37.094	ng/ul	0.00
15) 4-Methylphenol-d8	8.914	113	82111	36.805	ng/ul	0.00
21) Nitrobenzene-d5	9.372	128	38652	36.806	ng/ul	0.00
24) 2-Nitrophenol-d4	10.101	143	44303	37.398	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	75490	37.559	ng/ul	0.00
31) 4-Chloroaniline-d4	11.164	131	143197	48.691	ng/ul	0.00
46) Dimethylphthalate-d6	14.219	166	234692	36.950	ng/ul	0.00
49) Acenaphthylene-d8	14.525	160	299240	37.361	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	35065	34.106	ng/ul	0.00
60) Fluorene-d10	15.817	176	207987	36.363	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.953	200	35634	32.185	ng/ul	0.00
73) Anthracene-d10	17.680	188	319597	37.244	ng/ul	0.00
81) Pyrene-d10	19.960	212	358054	39.651	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.048	264	297686	37.428	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.573	88	10784	11.879	ng/uL	93
5) Pyridine	3.984	79	78602	31.979	ng/ul	96
6) Benzaldehyde	7.327	77	64749	36.776	ng/ul	97
8) Phenol	7.386	94	107546	37.550	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.603	93	78349	36.159	ng/ul	98
12) 2-Chlorophenol	7.756	128	75425	37.178	ng/ul	96
13) 2-Methylphenol	8.643	108	80161	37.575	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.720	45	117738	37.655	ng/ul	98
16) Acetophenone	9.025	105	125210	36.284	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.002	70	74290	37.463	ng/ul	99
18) 4-Methylphenol	8.972	108	85282	37.385	ng/ul	94
19) Hexachloroethane	9.278	117	30475	35.564	ng/ul	97
22) Nitrobenzene	9.419	77	103947	37.749	ng/ul	96
23) Isophorone	9.936	82	201968	37.752	ng/ul	99
25) 2-Nitrophenol	10.130	139	47163	38.437	ng/ul	98
26) 2,4-Dimethylphenol	10.183	107	94742	37.766	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.412	93	112222	37.998	ng/ul	98
29) 2,4-Dichlorophenol	10.676	162	75378	38.098	ng/ul	98
30) Naphthalene	11.076	128	252519	37.305	ng/ul	99
32) 4-Chloroaniline	11.188	127	100563	34.061	ng/ul	98
33) Hexachlorobutadiene	11.334	225	48267	35.368	ng/ul	99
34) Caprolactam	11.951	113	29487m	37.910	ng/ul	
35) 4-Chloro-3-methylphenol	12.304	107	92587	38.956	ng/ul	98

JU 12/2/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.668	142	173087	37.593	ng/ul	99
37) 1-Methylnaphthalene	12.886	142	172807	36.481	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.027	216	96879	37.383	ng/ul	96
40) Hexachlorocyclopentadiene	12.991	237	13727	13.105	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.273	196	63131	38.819	ng/ul	100
42) 2,4,5-Trichlorophenol	13.356	196	64827	38.065	ng/ul	97
43) 1,1'-Biphenyl	13.661	154	232428	37.698	ng/ul	97
44) 2-Chloronaphthalene	13.714	162	182902	37.292	ng/ul	99
45) 2-Nitroaniline	13.920	65	68228	40.195	ng/ul	94
47) Dimethylphthalate	14.266	163	236372	36.766	ng/ul	100
48) 2,6-Dinitrotoluene	14.407	165	51739	38.312	ng/ul	93
50) Acenaphthylene	14.554	152	298709	37.749	ng/ul	98
51) 3-Nitroaniline	14.742	138	54011	40.461	ng/ul	97
52) Acenaphthene	14.889	153	199386	38.206	ng/ul	97
53) 2,4-Dinitrophenol	14.965	184	16540	22.158	ng/ul	86
55) 4-Nitrophenol	15.065	109	30682	34.401	ng/ul	94
56) Dibenzofuran	15.224	168	280264	37.233	ng/ul	100
57) 2,4-Dinitrotoluene	15.200	165	72779	37.732	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.459	232	50075	37.444	ng/ul	96
59) Diethylphthalate	15.624	149	248191	36.777	ng/ul	98
61) Fluorene	15.876	166	221393	36.719	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.859	204	117070	36.029	ng/ul	96
63) 4-Nitroaniline	15.911	138	54557m	41.998	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.970	198	35455	33.205	ng/ul#	93
67) N-Nitrosodiphenylamine	16.076	169	199955	38.927	ng/ul	98
68) 4-Bromophenyl-phenylether	16.752	248	73287	38.110	ng/ul	94
69) Hexachlorobenzene	16.881	284	75354	38.429	ng/ul	95
70) Atrazine	17.016	200	70915	32.850	ng/ul	99
71) Pentachlorophenol	17.233	266	21006	24.176	ng/ul	97
72) Phenanthrene	17.621	178	379066	38.263	ng/ul	100
74) Anthracene	17.715	178	370886	37.696	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.632	216	100448	38.381	ng/uL	99
76) Pentachlorobenzene	15.148	250	89992	36.904	ng/uL	98
77) Carbazole	17.985	167	334708	38.756	ng/ul	99
78) Di-n-butylphthalate	18.508	149	429157	38.539	ng/ul	99
80) Fluoranthene	19.625	202	441604	39.816	ng/ul	98
82) Pyrene	19.989	202	427788	39.430	ng/ul	97
83) Butylbenzylphthalate	20.847	149	177768	39.413	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.763	252	128391	36.951	ng/ul	99
85) Benzo(a)anthracene	21.857	228	384766	38.012	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.716	149	251155	38.696	ng/ul	99
87) Chrysene	21.928	228	370163	38.066	ng/ul	100
89) Di-n-octyl phthalate	22.980	149	428969	39.760	ng/ul	100
90) Benzo(b)fluoranthene	24.196	252	386480	38.455	ng/ul	100
91) Benzo(k)fluoranthene	24.266	252	352429	37.368	ng/ul	99
93) Benzo(a)pyrene	25.124	252	366148	38.188	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.202	276	411978	38.397	ng/ul	97
95) Dibenzo(a,h)anthracene	29.255	278	349246	38.368	ng/ul	98
96) Benzo(g,h,i)perylene	30.441	276	348245	38.577	ng/ul	98

JU 12/2/21

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