Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050011.D
Acq On : 28 Aug 2021 00:31
Operator : CG/JU
Sample : M3365-16MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 29 03:09:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKC0MSD

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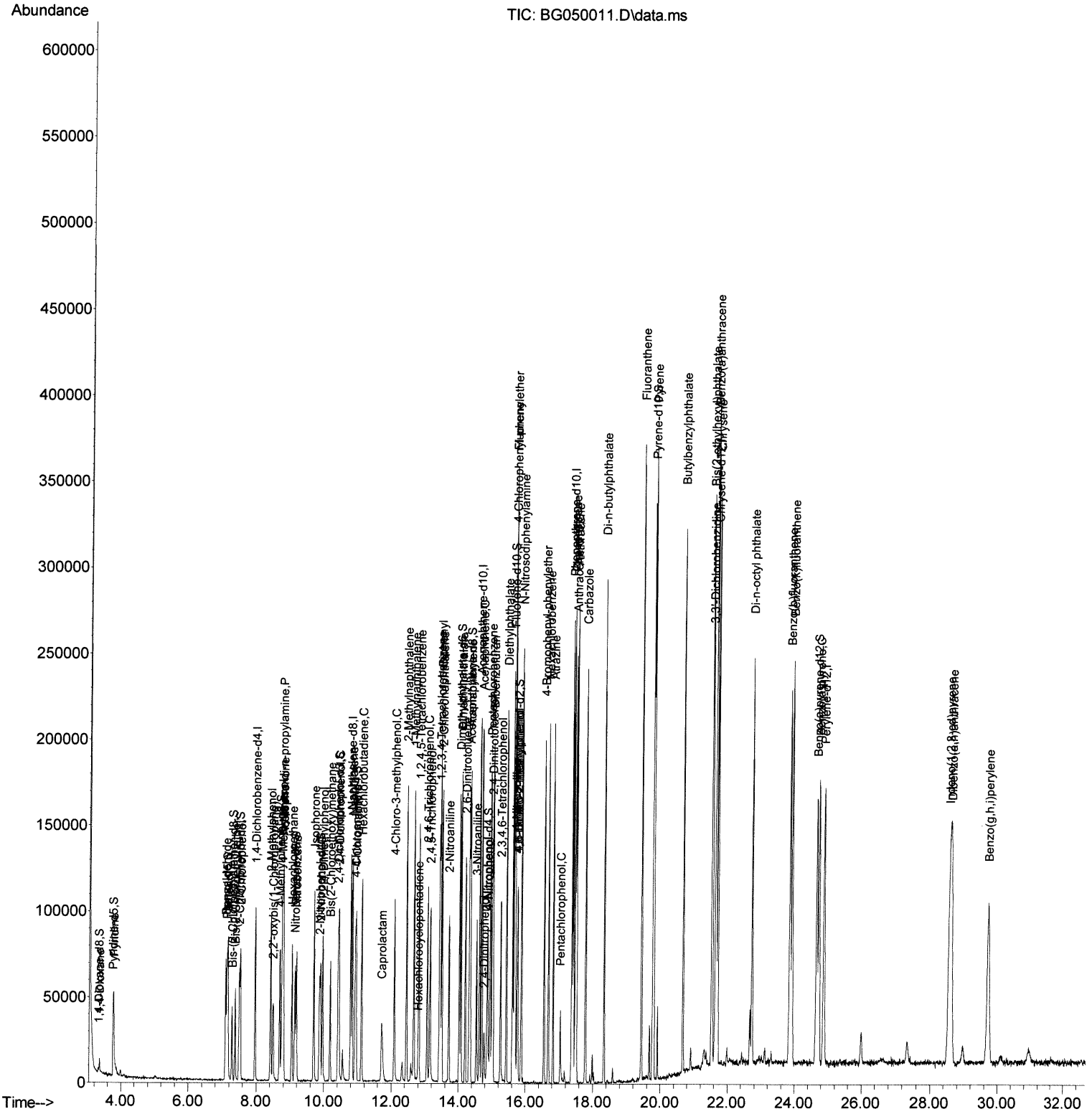

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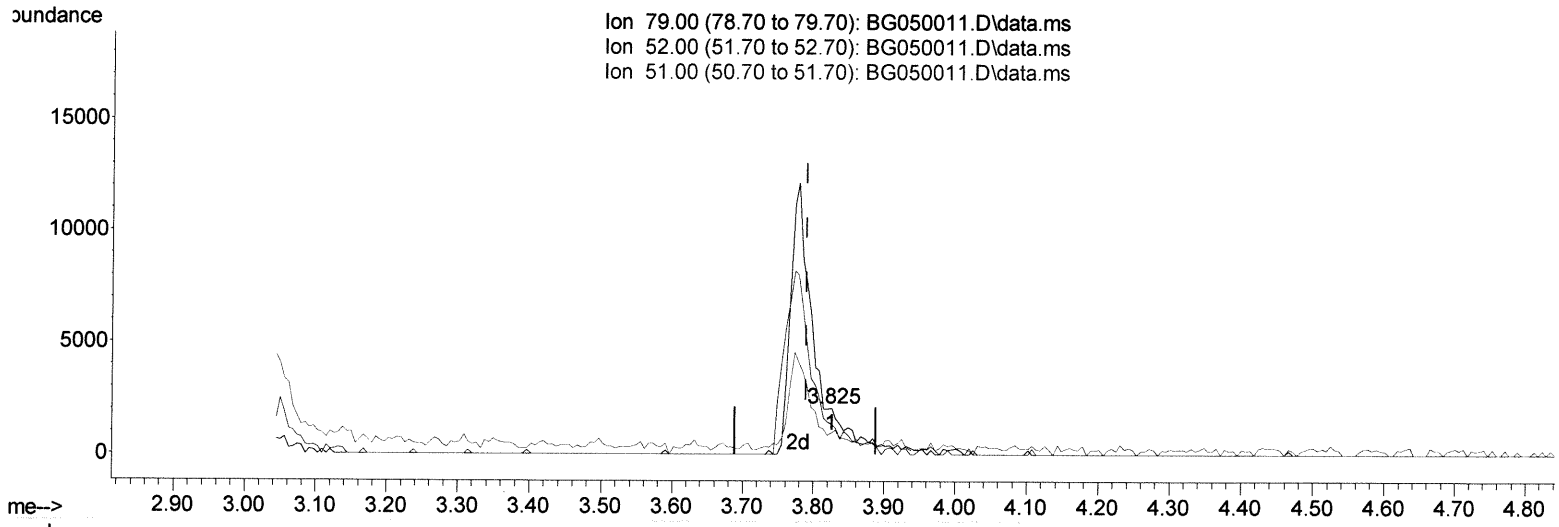

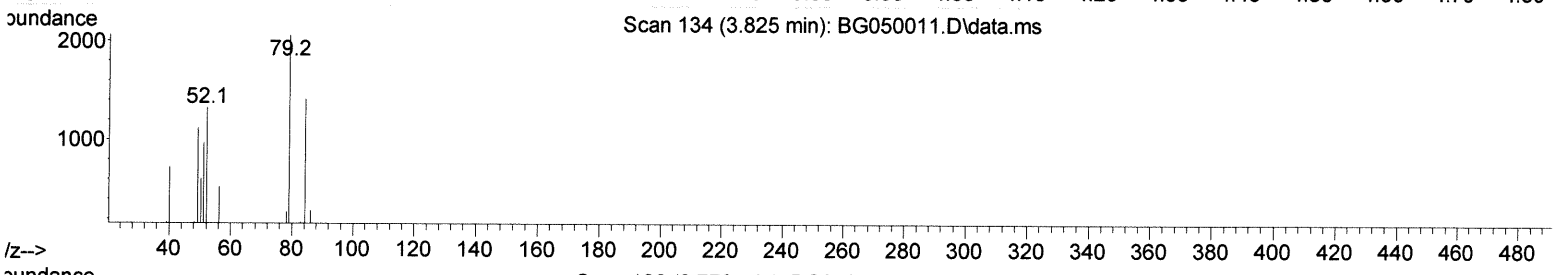

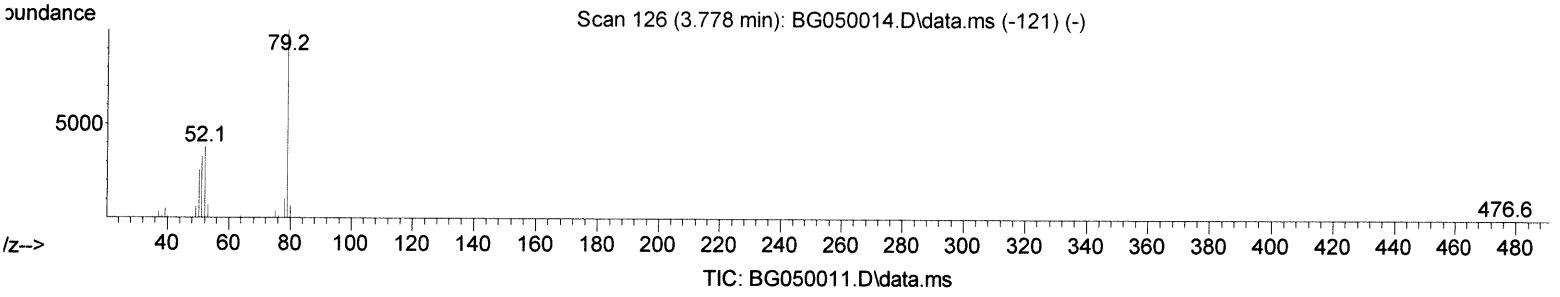

TIC: BG050011.D\data.ms

(5) Pyridine

3.825min (+ 0.036) 0.71 ng/ul

response 1263

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	76.40	64.23
51.00	43.50	47.25
0.00	0.00	0.00

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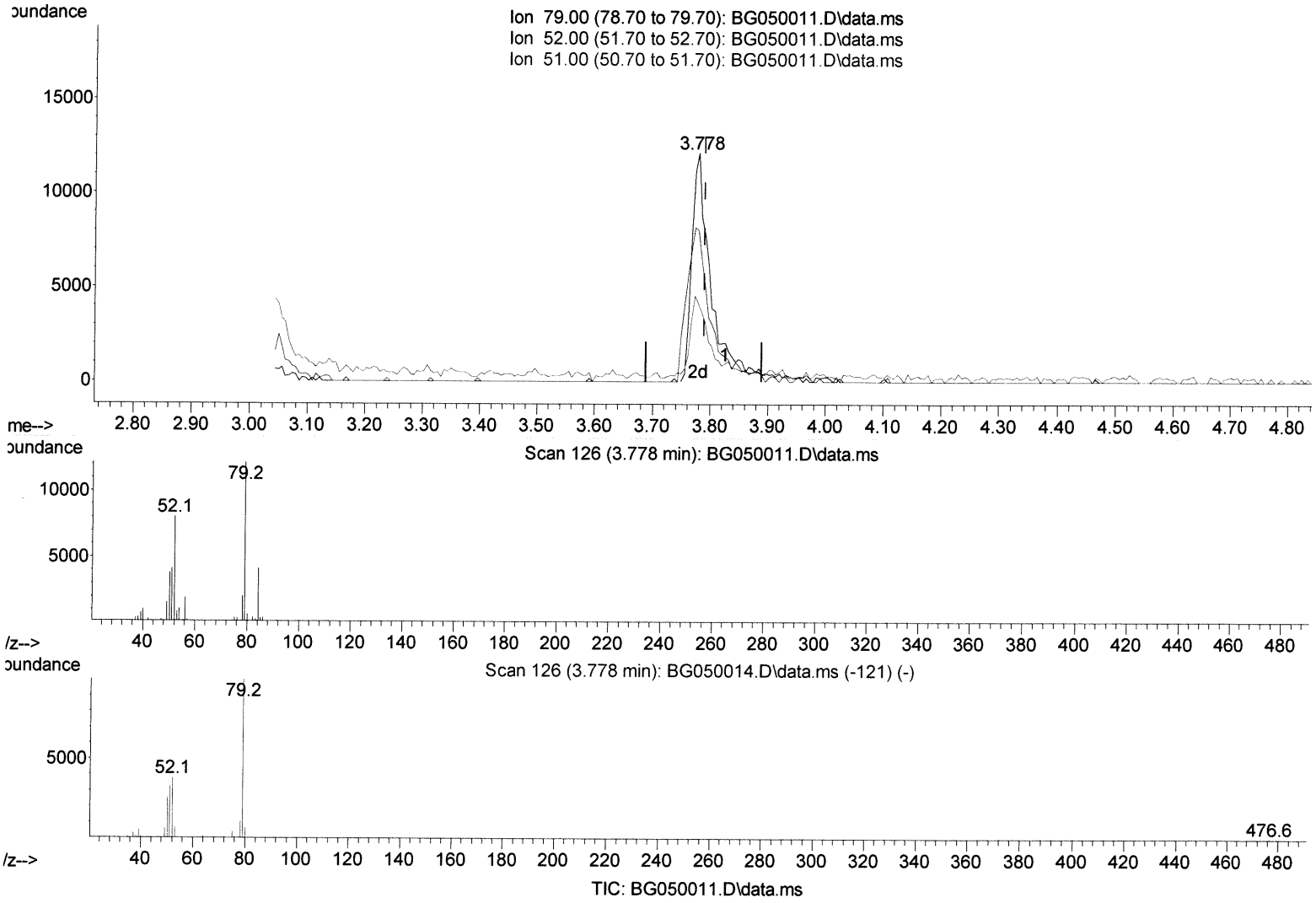

(5) Pyridine

3.778min (-0.011) 14.87 ng/ul m

response 26407

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	76.40	66.18
51.00	43.50	34.01#
0.00	0.00	0.00

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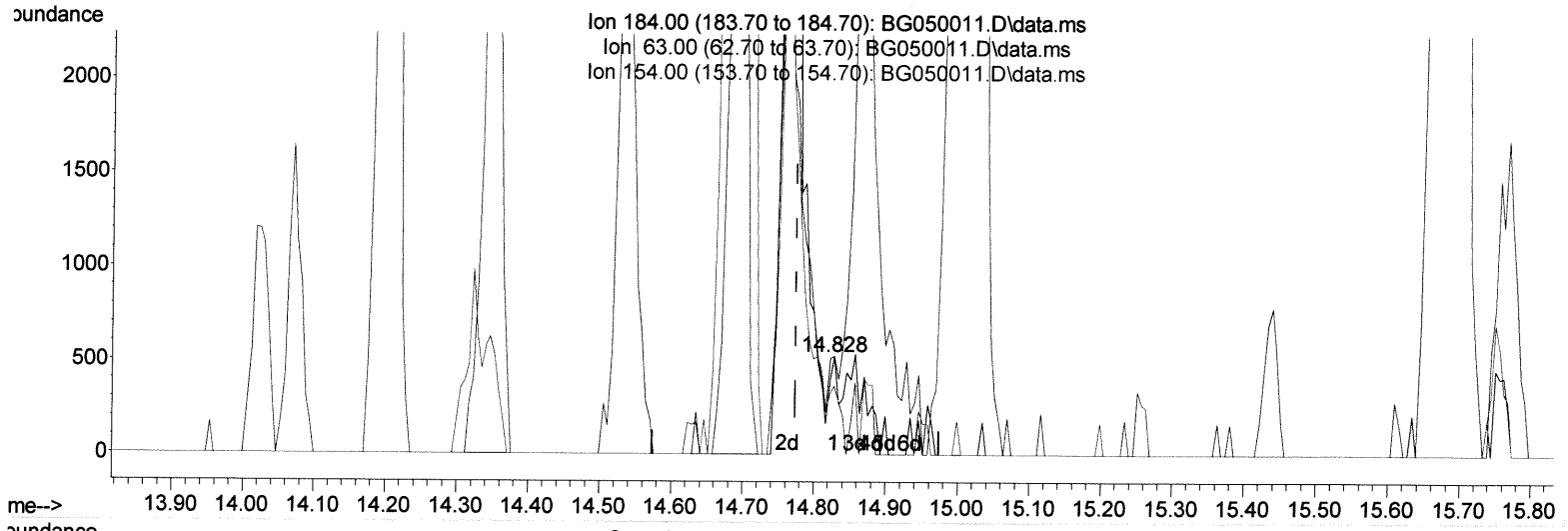

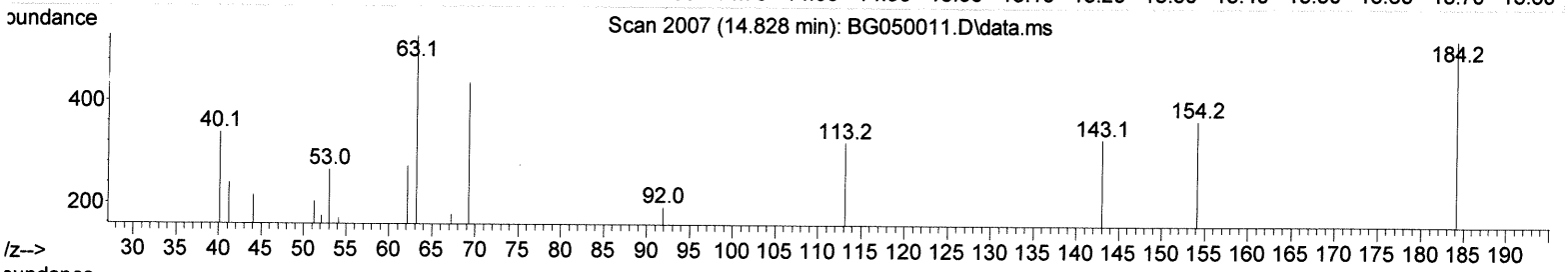

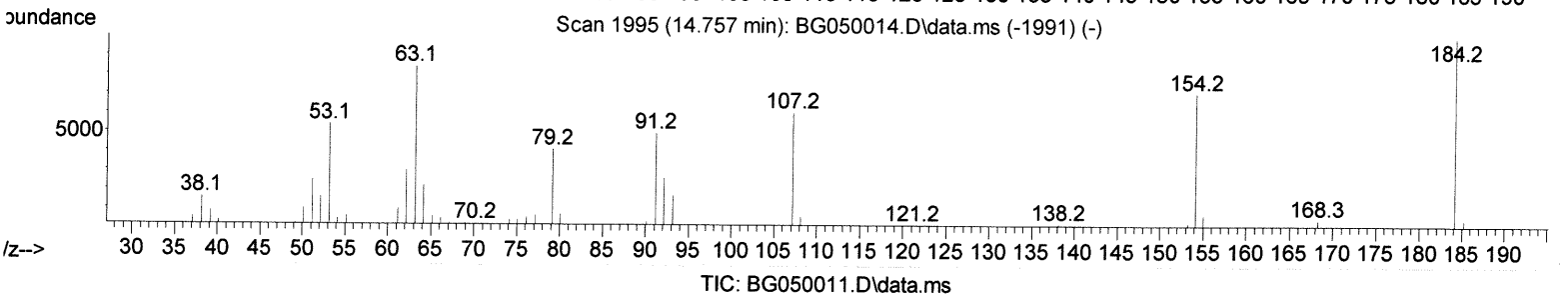

TIC: BG050011.D\data.ms

(53) 2,4-Dinitrophenol

14.828min (+ 0.054) 0.69 ng/ul

response 422

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	94.80	100.76
154.00	80.70	69.66
0.00	0.00	0.00

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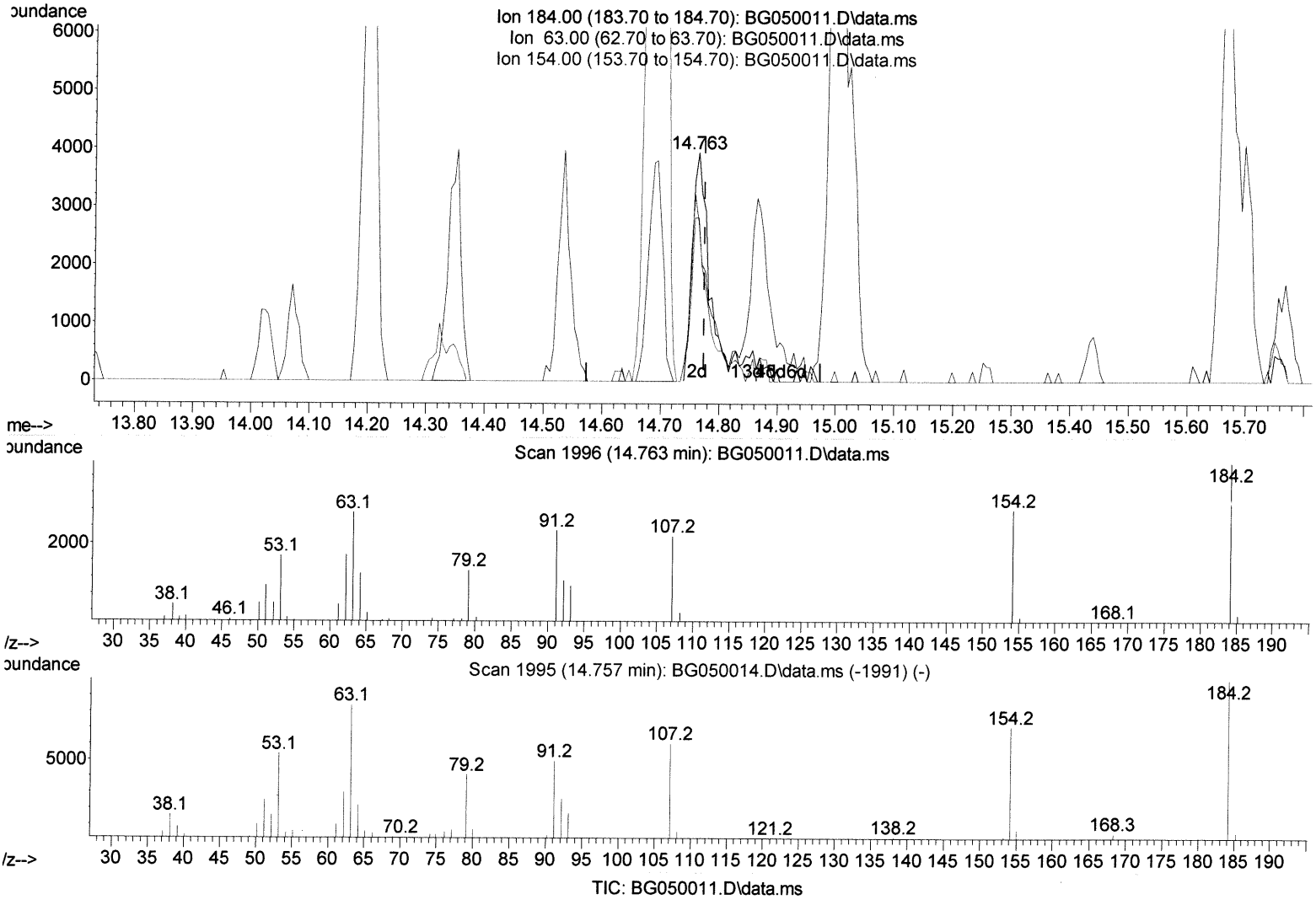

(53) 2,4-Dinitrophenol

14.763min (-0.011) 12.62 ng/ul m JP 8/31/21

response 7687

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	94.80	69.55#
154.00	80.70	71.61
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	7.967	152	28129	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.786	136	110867	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.628	164	76268	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.378	188	167816	20.000	ng/ul	-0.02
79) Chrysene-d12	21.654	240	162695	20.000	ng/ul	-0.01
88) Perylene-d12	24.873	264	165313	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	1756	3.219	ng/uL	-0.01
4) Pyridine-d5	3.755	84	19701	11.990	ng/ul	-0.02
7) Phenol-d5	7.133	99	37855	15.848	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.291	67	21190	15.968	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.497	132	30293	16.949	ng/ul	-0.02
15) 4-Methylphenol-d8	8.683	113	29011	15.422	ng/ul	-0.02
21) Nitrobenzene-d5	9.142	128	14656	17.051	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.870	143	17210	16.815	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.416	165	31858	17.452	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.927	131	39214	15.782	ng/ul	-0.01
46) Dimethylphthalate-d6	14.023	166	106833	18.303	ng/ul	-0.02
49) Acenaphthylene-d8	14.323	160	124204	18.148	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.852	143	11018	13.047	ng/ul	0.00
60) Fluorene-d10	15.621	176	90918	18.372	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.756	200	16530	15.311	ng/ul	-0.01
73) Anthracene-d10	17.477	188	147595	19.586	ng/ul	-0.02
81) Pyrene-d10	19.768	212	178690	20.324	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.656	264	171802	19.589	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	4242	6.379	ng/uL#	79
5) Pyridine	3.778	79	26407m	14.870	ng/ul	94
6) Benzaldehyde	7.097	77	26009	18.922	ng/ul	93
8) Phenol	7.168	94	43235	17.920	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.379	93	30939	18.576	ng/ul	98
12) 2-Chlorophenol	7.532	128	32612	18.466	ng/ul#	89
13) 2-Methylphenol	8.419	108	32090	17.240	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.490	45	31785	18.199	ng/ul	96
16) Acetophenone	8.795	105	56853	18.532	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.772	70	28696	18.628	ng/ul	100
18) 4-Methylphenol	8.754	108	33820	16.889	ng/ul	93
19) Hexachloroethane	9.054	117	14735	19.064	ng/ul	97
22) Nitrobenzene	9.177	77	46667	20.037	ng/ul	96
23) Isophorone	9.700	82	78018	18.801	ng/ul	97
25) 2-Nitrophenol	9.899	139	19145	19.240	ng/ul	93
26) 2,4-Dimethylphenol	9.958	107	32939	14.895	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.181	93	39613	18.486	ng/ul	97
29) 2,4-Dichlorophenol	10.440	162	33260	19.851	ng/ul	97
30) Naphthalene	10.833	128	106093	19.145	ng/ul	98
32) 4-Chloroaniline	10.945	127	42175	17.625	ng/ul	92
33) Hexachlorobutadiene	11.115	225	26549	19.587	ng/ul	96
34) Caprolactam	11.709	113	10572	18.013	ng/ul	88
35) 4-Chloro-3-methylphenol	12.085	107	37945	18.949	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.449	142	79504	19.301	ng/ul	97
37) 1-Methylnaphthalene	12.666	142	77897	18.735	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.819	216	44444	19.840	ng/ul#	96
40) Hexachlorocyclopentadiene	12.790	237	3292	3.284	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.066	196	27007	18.918	ng/ul	97
42) 2,4,5-Trichlorophenol	13.148	196	27869	18.627	ng/ul	99
43) 1,1'-Biphenyl	13.453	154	103859	19.492	ng/ul	99
44) 2-Chloronaphthalene	13.500	162	82888	19.367	ng/ul	99
45) 2-Nitroaniline	13.706	65	29035	19.981	ng/ul	92
47) Dimethylphthalate	14.070	163	114017	19.738	ng/ul#	96
48) 2,6-Dinitrotoluene	14.200	165	25195	21.126	ng/ul	88
50) Acenaphthylene	14.346	152	126700	20.256	ng/ul	96
51) 3-Nitroaniline	14.534	138	21792	18.936	ng/ul	95
52) Acenaphthene	14.693	153	90115	19.860	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	7687m	12.620	ng/ul	JU 8/31/21
55) 4-Nitrophenol	14.869	109	18912	17.663	ng/ul	99
56) Dibenzofuran	15.028	168	123541	19.661	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	35319	20.588	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	23485	18.942	ng/ul#	89
59) Diethylphthalate	15.433	149	114191	19.324	ng/ul	95
61) Fluorene	15.674	166	108232	20.416	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.662	204	54904	19.574	ng/ul	98
63) 4-Nitroaniline	15.697	138	23768	20.696	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.768	198	17653	18.039	ng/ul#	93
67) N-Nitrosodiphenylamine	15.880	169	93169	21.088	ng/ul	98
68) 4-Bromophenyl-phenylether	16.561	248	38510	20.744	ng/ul	96
69) Hexachlorobenzene	16.684	284	44726	20.864	ng/ul	94
70) Atrazine	16.825	200	42621	21.714	ng/ul	97
71) Pentachlorophenol	17.043	266	9459	10.420	ng/ul	94
72) Phenanthrene	17.425	178	175325	20.957	ng/ul	99
74) Anthracene	17.513	178	177924	20.987	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.430	216	46277	20.554	ng/uL	87
76) Pentachlorobenzene	14.951	250	47757	20.018	ng/uL	98
77) Carbazole	17.783	167	162632	21.558	ng/ul	97
78) Di-n-butylphthalate	18.329	149	206547	21.408	ng/ul#	97
80) Fluoranthene	19.434	202	232995	21.476	ng/ul#	95
82) Pyrene	19.798	202	227485	21.160	ng/ul	98
83) Butylbenzylphthalate	20.673	149	91388	21.541	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.543	252	73998	19.187	ng/ul	93
85) Benzo(a)anthracene	21.631	228	218995	21.602	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.519	149	126943	21.788	ng/ul	99
87) Chrysene	21.695	228	204885	21.380	ng/ul	96
89) Di-n-octyl phthalate	22.723	149	211947	21.612	ng/ul	100
90) Benzo(b)fluoranthene	23.845	252	226928	21.460	ng/ul#	98
91) Benzo(k)fluoranthene	23.916	252	219091	21.797	ng/ul	98
93) Benzo(a)pyrene	24.721	252	195291	21.265	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.562	276	251592	20.769	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.627	278	209800	20.688	ng/ul	98
96) Benzo(g,h,i)perylene	29.726	276	201391	19.774	ng/ul	94

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