Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050005.D
Acq On : 27 Aug 2021 19:42
Operator : CG/JU
Sample : PB138653BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 27 23:36:39 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS653

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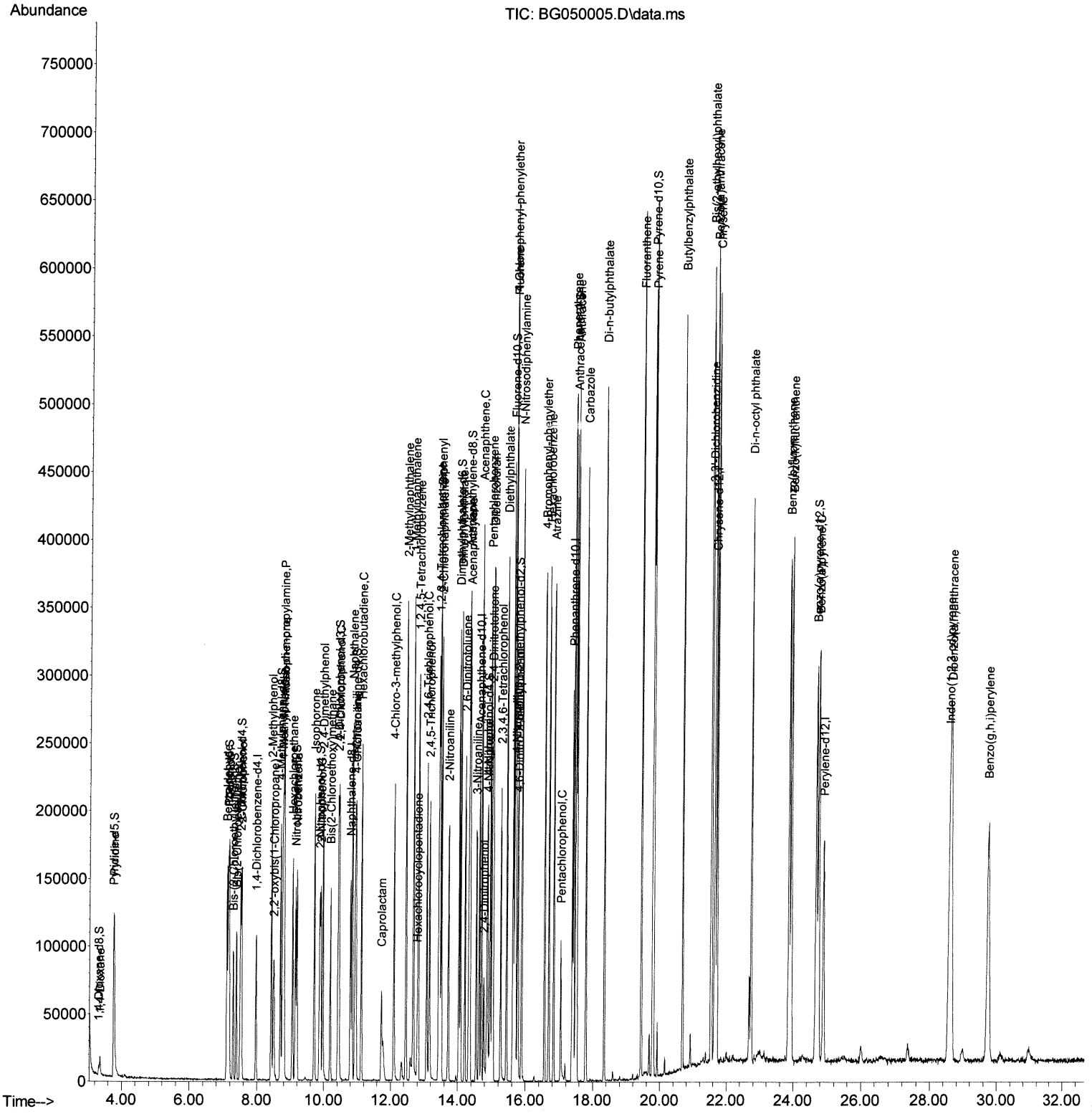

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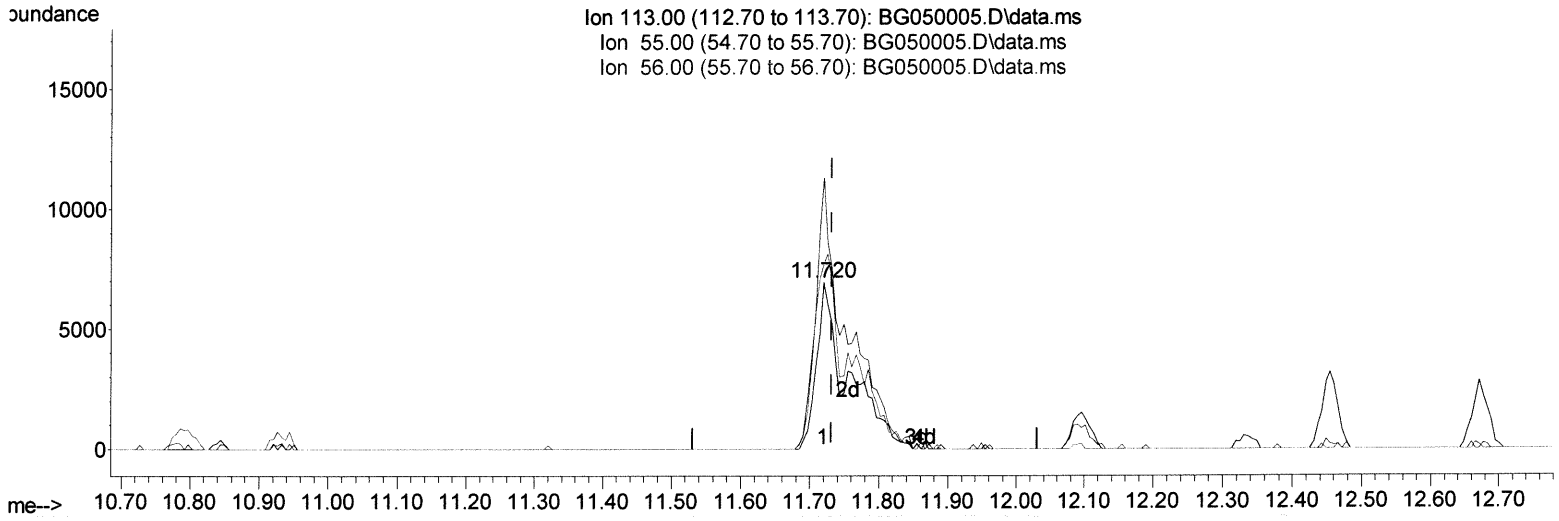

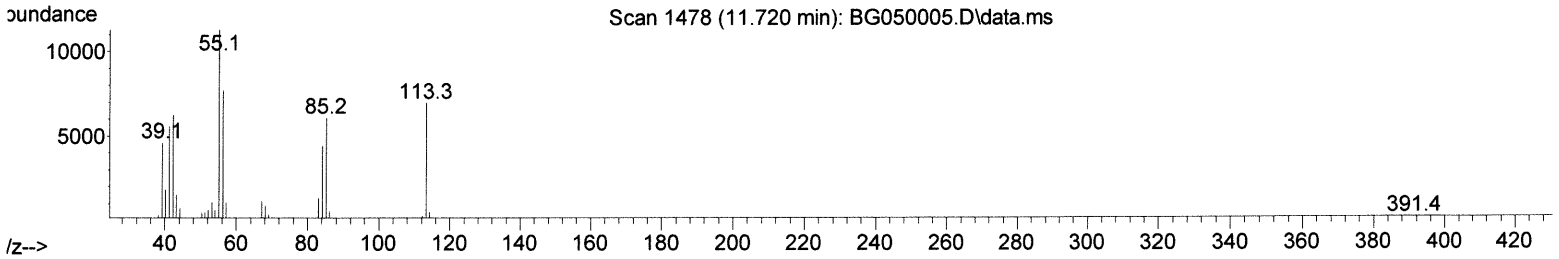

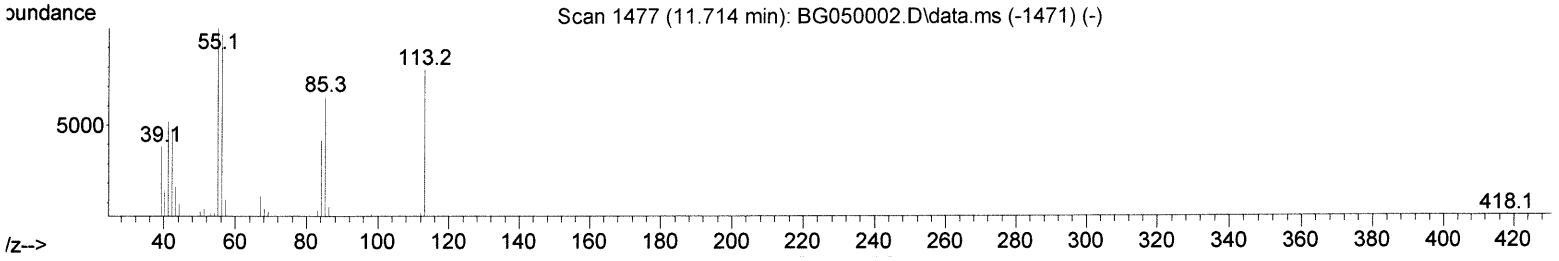

TIC: BG050005.D\data.ms

(34) Caprolactam

11.720min (-0.011) 19.00 ng/ul

response 12317

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	162.65
56.00	134.20	111.14
0.00	0.00	0.00

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Manual Integrations APPROVED
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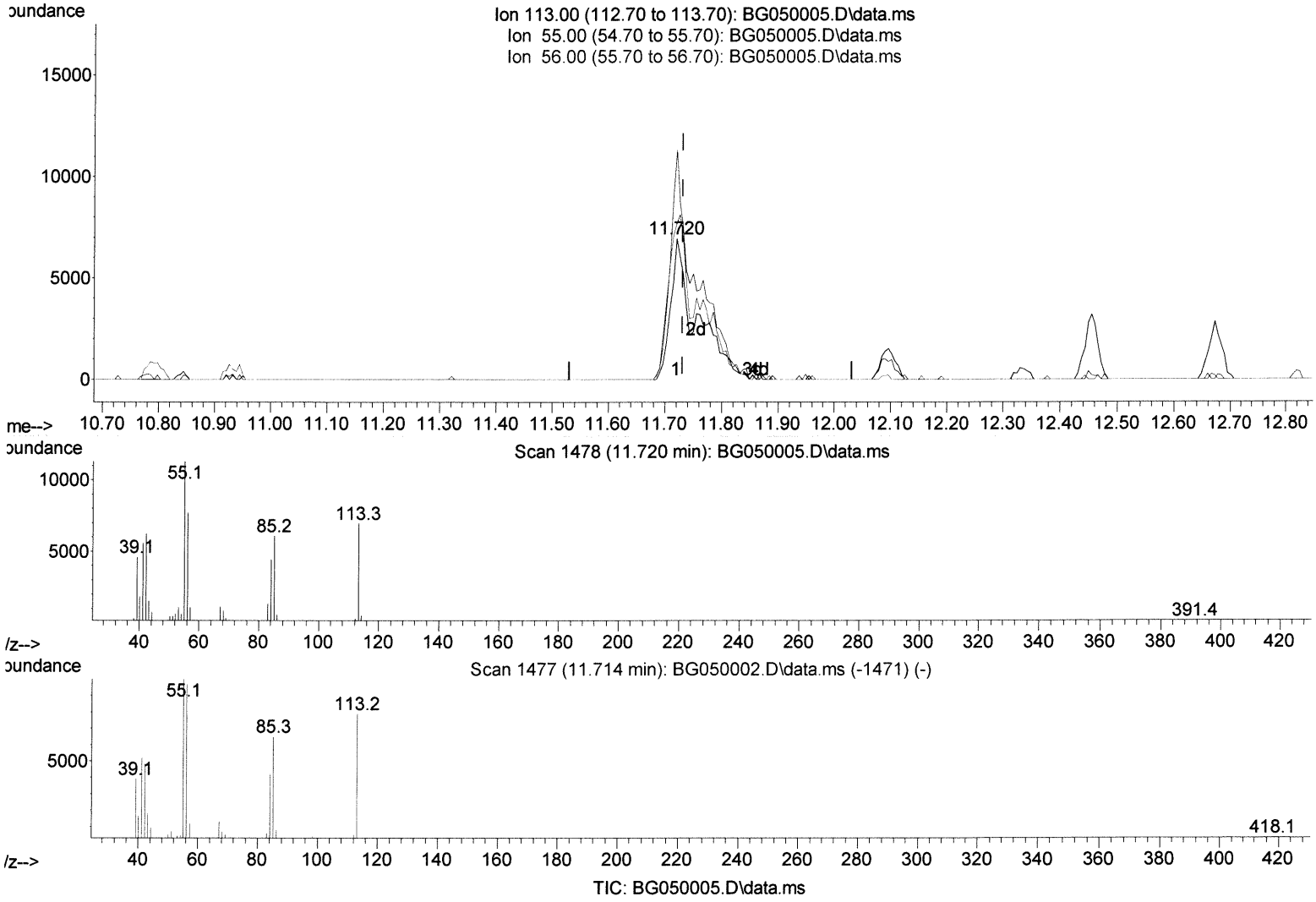

(34) Caprolactam

11.720min (-0.011) 33.97 ng/ul m

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response 22024

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	162.65
56.00	134.20	111.14
0.00	0.00	0.00

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Sample : PB138653BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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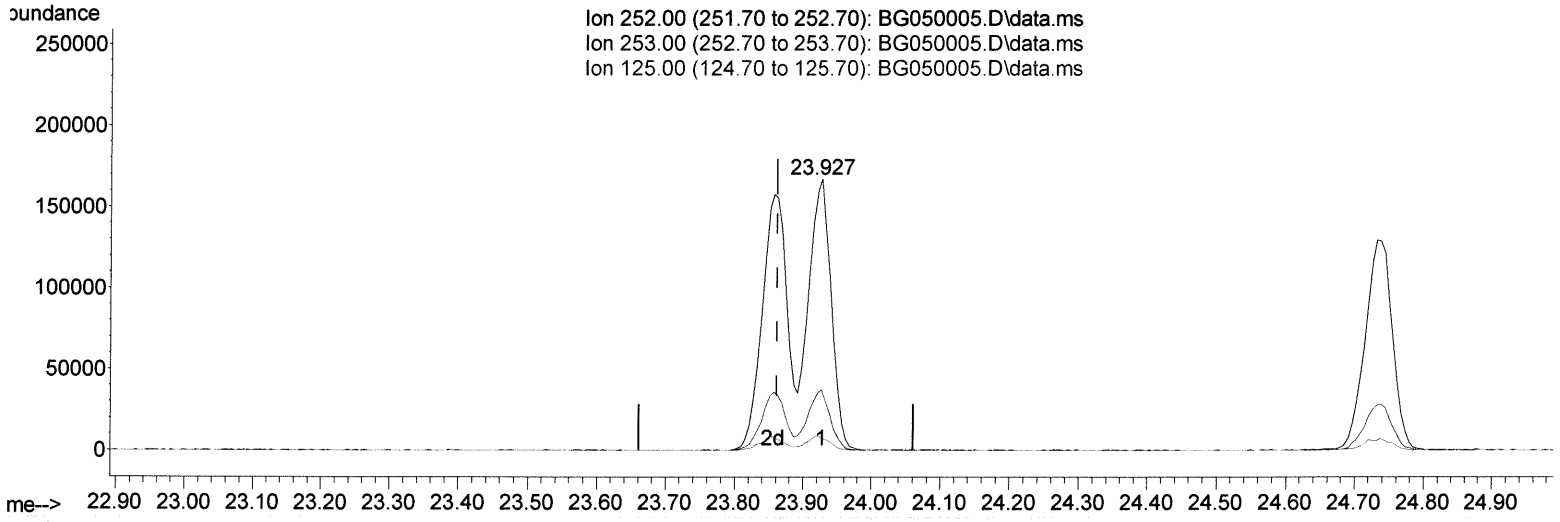

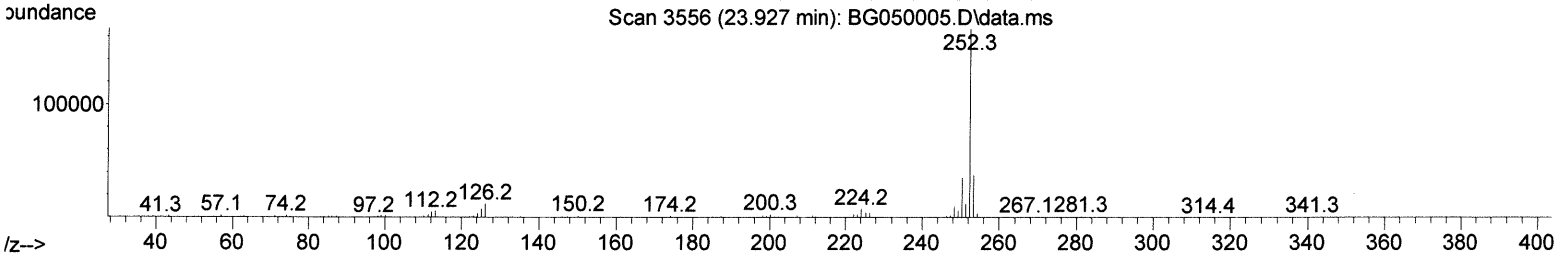

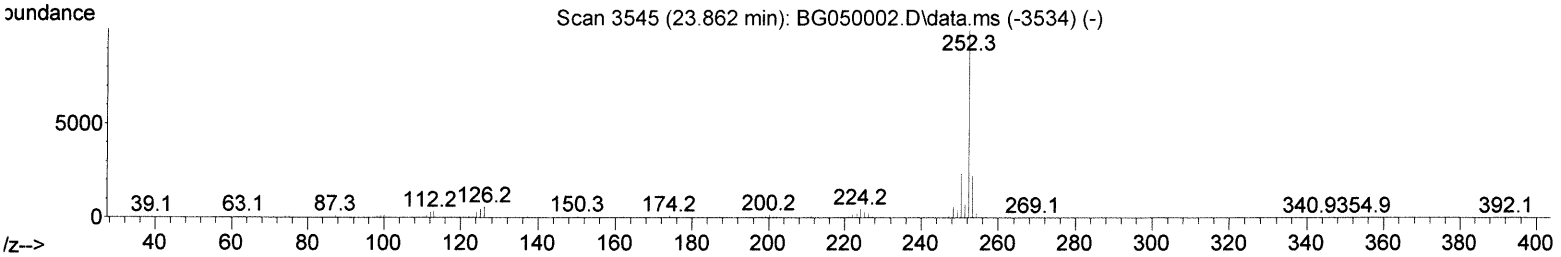

TIC: BG050005.D\data.ms

(90) Benzo(b)fluoranthene

23.927min (+ 0.065) 35.10 ng/ul

response 382330

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	22.35
125.00	4.20	4.37
0.00	0.00	0.00

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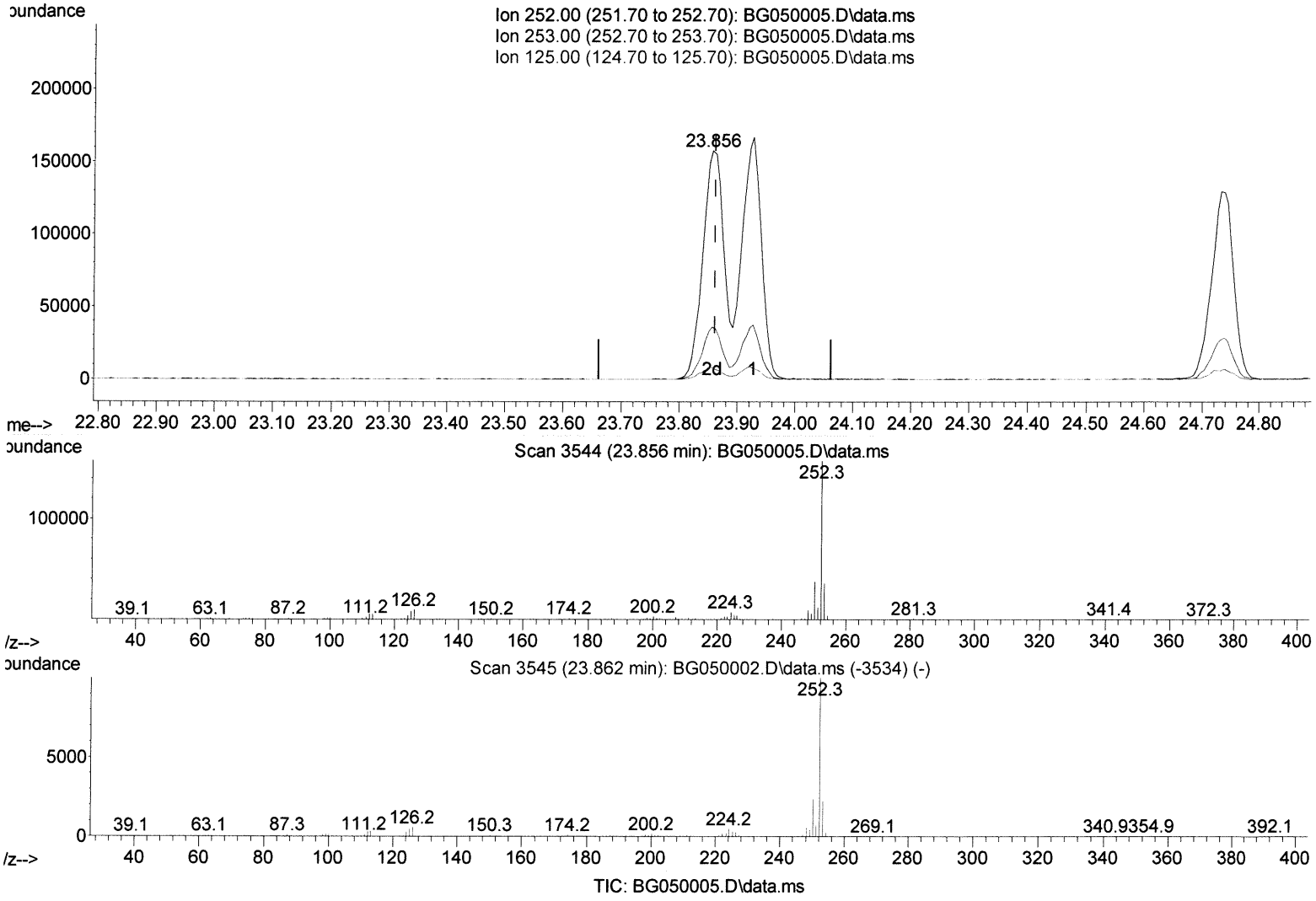

(90) Benzo(b)fluoranthene

23.856min (-0.005) 36.84 ng/ul m

response 401306

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	22.75
125.00	4.20	5.12#
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	7.972	152	30811	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.792	136	122466	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.634	164	82015	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.383	188	174456	20.000	ng/ul	-0.01
79) Chrysene-d12	21.659	240	165774	20.000	ng/ul	0.00
88) Perylene-d12	24.884	264	170292	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	4024	6.735	ng/uL	-0.02
4) Pyridine-d5	3.754	84	57883	32.162	ng/ul	-0.02
7) Phenol-d5	7.144	99	87521	33.451	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.297	67	47115	32.414	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.502	132	66581	34.010	ng/ul	-0.01
15) 4-Methylphenol-d8	8.695	113	66675	32.358	ng/ul	0.00
21) Nitrobenzene-d5	9.147	128	33182	34.949	ng/ul	0.00
24) 2-Nitrophenol-d4	9.870	143	40371	35.709	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.422	165	69520	34.476	ng/ul	0.00
31) 4-Chloroaniline-d4	10.933	131	87994	32.061	ng/ul	0.00
46) Dimethylphthalate-d6	14.029	166	214248	34.134	ng/ul	-0.01
49) Acenaphthylene-d8	14.328	160	257988	35.055	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	29900	32.925	ng/ul	0.00
60) Fluorene-d10	15.626	176	181772	34.156	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	37871	33.742	ng/ul	0.00
73) Anthracene-d10	17.483	188	280610	35.820	ng/ul	-0.01
81) Pyrene-d10	19.774	212	321412	35.879	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.667	264	319483	35.363	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.367	88	9000	12.356	ng/uL	94
5) Pyridine	3.772	79	62558	32.161	ng/ul	96
6) Benzaldehyde	7.103	77	59264	39.362	ng/ul	96
8) Phenol	7.167	94	89481	33.860	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.385	93	61786	33.868	ng/ul	92
12) 2-Chlorophenol	7.537	128	66811	34.537	ng/ul#	87
13) 2-Methylphenol	8.424	108	67462	33.089	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.495	45	64768	33.857	ng/ul	97
16) Acetophenone	8.800	105	113201	33.687	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.783	70	56999	33.781	ng/ul	98
18) 4-Methylphenol	8.759	108	71301	32.508	ng/ul	81
19) Hexachloroethane	9.059	117	30154	35.618	ng/ul	98
22) Nitrobenzene	9.188	77	94426	36.703	ng/ul	98
23) Isophorone	9.711	82	160000	34.906	ng/ul	96
25) 2-Nitrophenol	9.905	139	40028	36.417	ng/ul	94
26) 2,4-Dimethylphenol	9.963	107	81286	33.276	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.193	93	84648	35.761	ng/ul	99
29) 2,4-Dichlorophenol	10.445	162	69247	37.415	ng/ul	94
30) Naphthalene	10.845	128	213472	34.874	ng/ul	97
32) 4-Chloroaniline	10.956	127	83987	31.774	ng/ul	90
33) Hexachlorobutadiene	11.121	225	53509	35.739	ng/ul	97
34) Caprolactam	11.720	113	22024m	33.972	ng/ul	97
35) 4-Chloro-3-methylphenol	12.096	107	79616	35.994	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.454	142	163388	35.908	ng/ul	97
37) 1-Methylnaphthalene	12.672	142	161160	35.089	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.824	216	91778	38.099	ng/ul#	98
40) Hexachlorocyclopentadiene	12.795	237	16522	15.325	ng/ul	98
41) 2,4,6-Trichlorophenol	13.071	196	54880	35.750	ng/ul	94
42) 2,4,5-Trichlorophenol	13.153	196	57832	35.945	ng/ul	91
43) 1,1'-Biphenyl	13.465	154	208772	36.436	ng/ul	97
44) 2-Chloronaphthalene	13.506	162	166577	36.193	ng/ul	97
45) 2-Nitroaniline	13.717	65	55342	35.416	ng/ul	97
47) Dimethylphthalate	14.081	163	214613	34.549	ng/ul	99
48) 2,6-Dinitrotoluene	14.211	165	47045	36.683	ng/ul#	85
50) Acenaphthylene	14.352	152	238904	35.518	ng/ul	99
51) 3-Nitroaniline	14.546	138	44667	36.093	ng/ul	92
52) Acenaphthene	14.698	153	173440	35.546	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	18696	28.543	ng/ul	89
55) 4-Nitrophenol	14.874	109	37339	32.430	ng/ul	96
56) Dibenzofuran	15.033	168	238115	35.240	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	65912	35.730	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.268	232	48901	36.678	ng/ul	91
59) Diethylphthalate	15.438	149	225483	35.483	ng/ul	99
61) Fluorene	15.685	166	200782	35.220	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.668	204	106658	35.361	ng/ul	93
63) 4-Nitroaniline	15.709	138	45782	37.071	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.779	198	33374	32.806	ng/ul	98
67) N-Nitrosodiphenylamine	15.885	169	171811	37.407	ng/ul	97
68) 4-Bromophenyl-phenylether	16.566	248	73626	38.150	ng/ul	96
69) Hexachlorobenzene	16.696	284	83955	37.673	ng/ul	96
70) Atrazine	16.837	200	74882	36.698	ng/ul	99
71) Pentachlorophenol	17.048	266	22069	23.387	ng/ul	92
72) Phenanthrene	17.430	178	327535	37.660	ng/ul	97
74) Anthracene	17.518	178	322137	36.551	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.429	216	94760	40.485	ng/uL	89
76) Pentachlorobenzene	14.957	250	95665	38.573	ng/uL	98
77) Carbazole	17.788	167	290407	37.030	ng/ul	99
78) Di-n-butylphthalate	18.335	149	361662	36.058	ng/ul	98
80) Fluoranthene	19.439	202	406851	36.804	ng/ul	98
82) Pyrene	19.803	202	394800	36.041	ng/ul	99
83) Butylbenzylphthalate	20.678	149	158324	36.625	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.554	252	147555	37.549	ng/ul	96
85) Benzo(a)anthracene	21.636	228	384761	37.249	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.524	149	228293	38.455	ng/ul	99
87) Chrysene	21.706	228	362632	37.138	ng/ul	97
89) Di-n-octyl phthalate	22.734	149	377297	37.348	ng/ul	100
90) Benzo(b)fluoranthene	23.856	252	401306m	36.841	ng/ul	99
91) Benzo(k)fluoranthene	23.927	252	382330	36.925	ng/ul	99
93) Benzo(a)pyrene	24.732	252	351074	37.111	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.585	276	447553	35.865	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.644	278	376810	36.070	ng/ul#	98
96) Benzo(g,h,i)perylene	29.748	276	373430	35.595	ng/ul	97

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