Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050434.D
Acq On : 5 Oct 2021 5:20
Operator : CG/JU
Sample : M3879-12MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 05 06:05:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW411MSD

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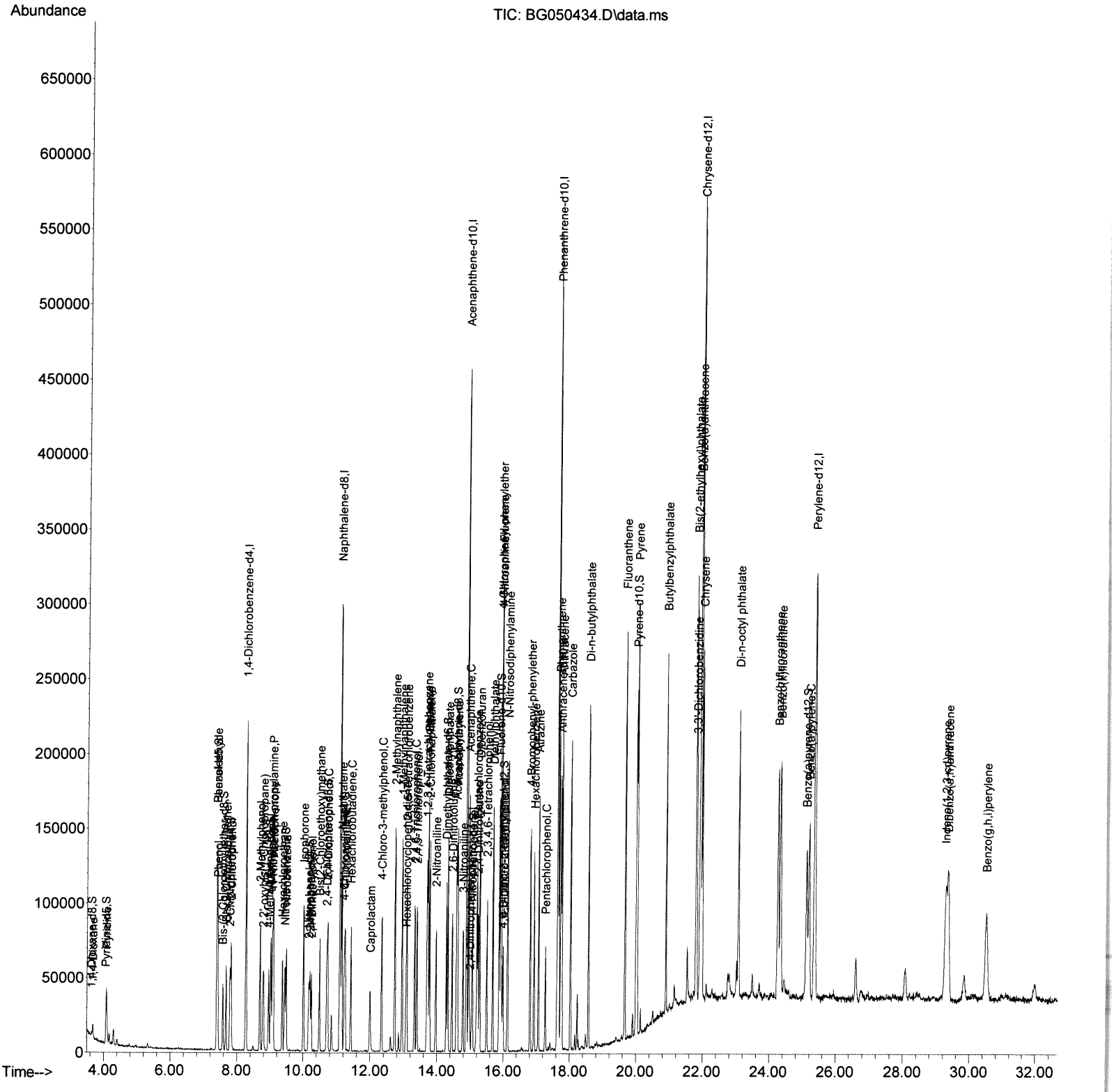

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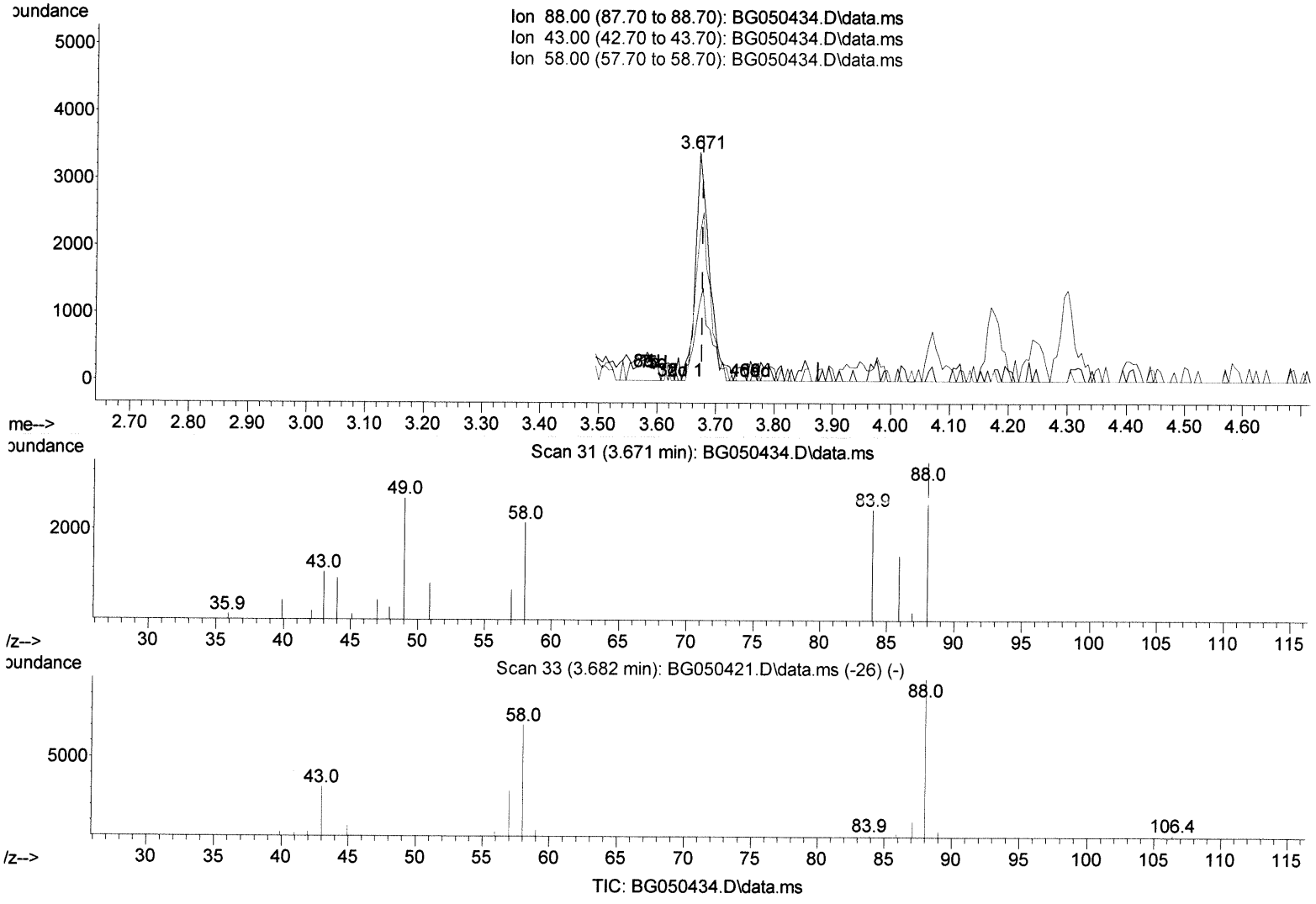

(2) 1,4-Dioxane

3.671min (-0.005) 2.91 ng/uL

response 5633

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	33.24
58.00	67.10	63.02
0.00	0.00	0.00

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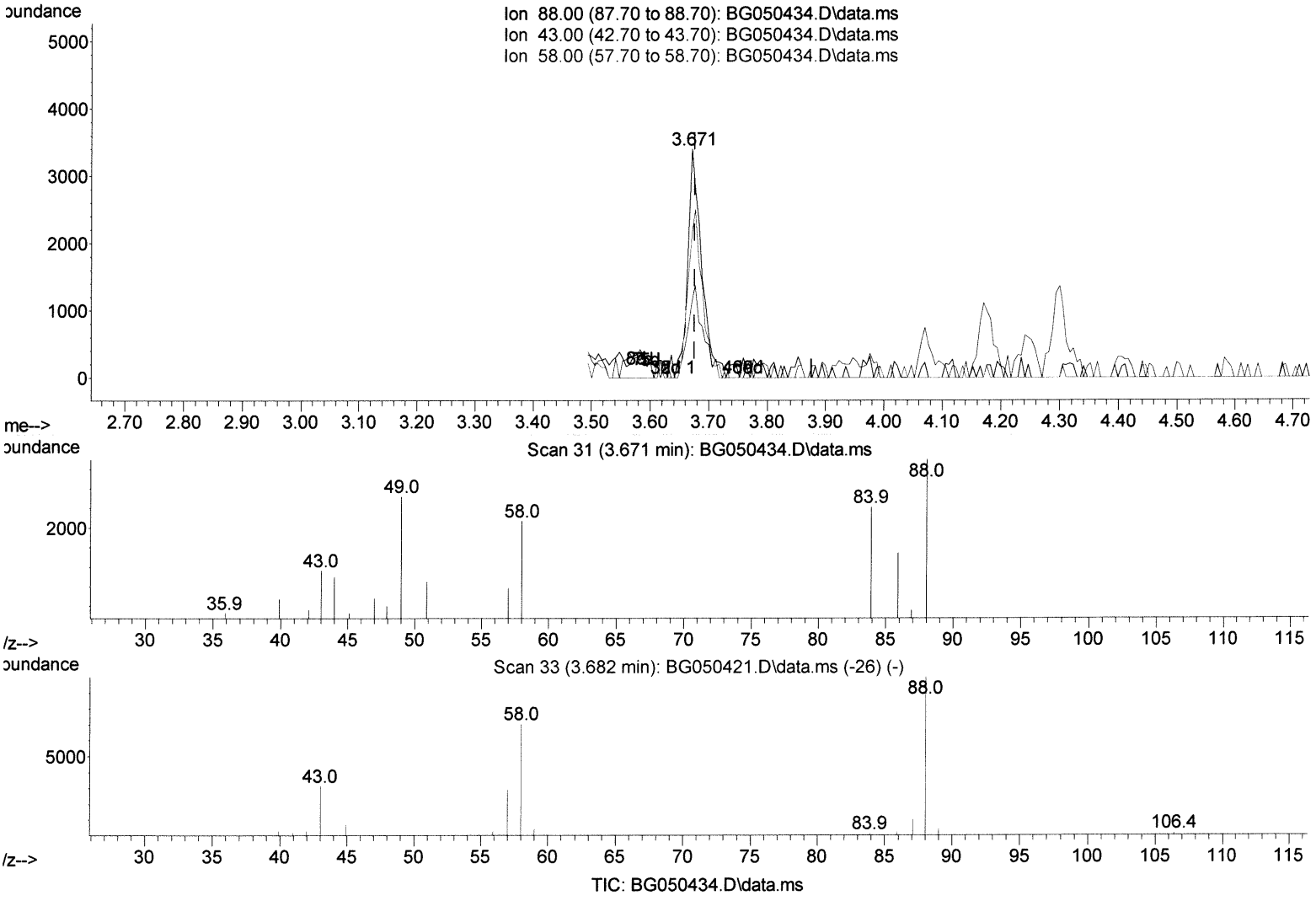

(2) 1,4-Dioxane

3.671min (-0.005) 2.94 ng/uL m

response 5706

JU 10/08/21

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	33.24
58.00	67.10	63.02
0.00	0.00	0.00

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Operator : CG/JU
Sample : M3879-12MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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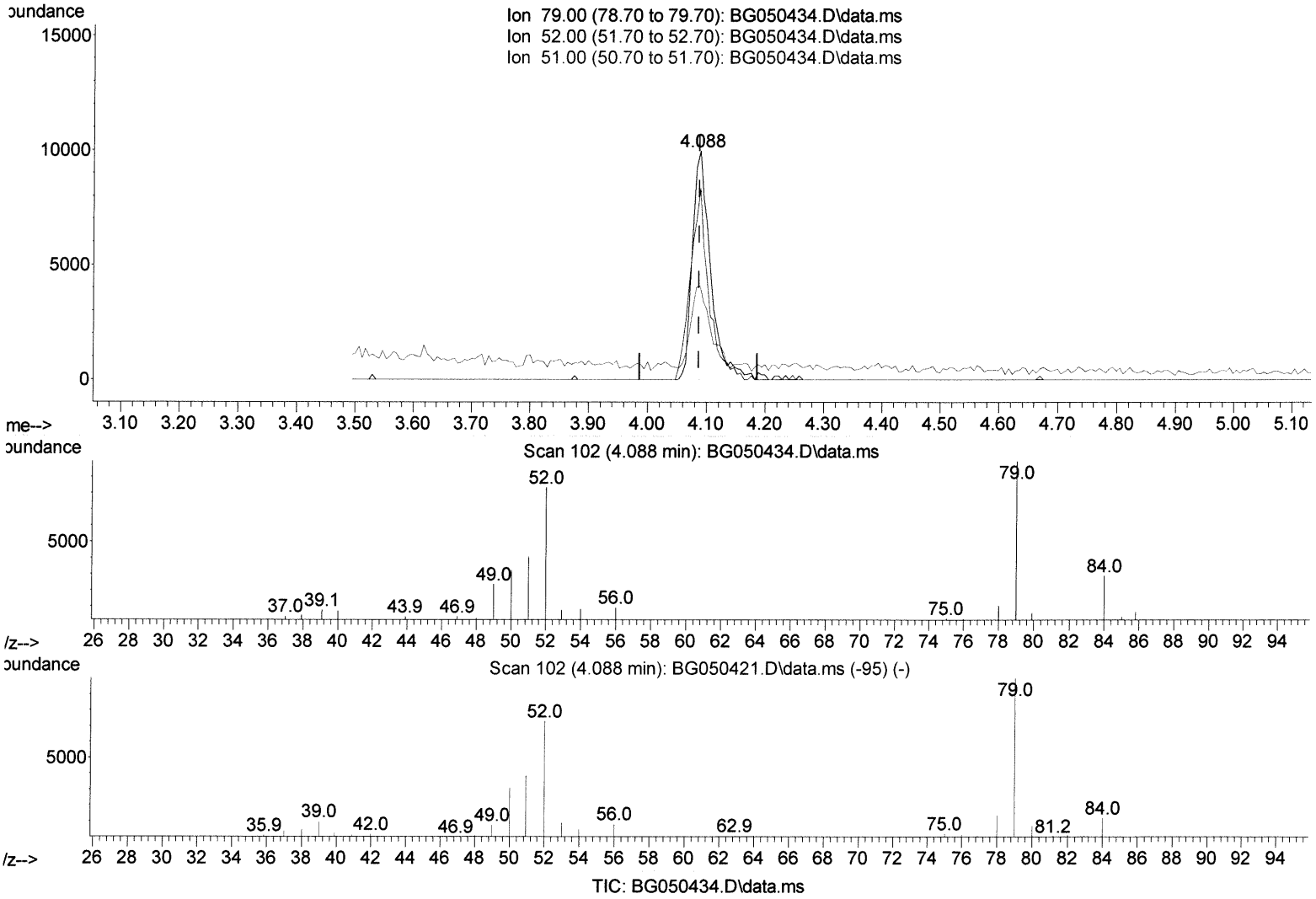

(5) Pyridine

4.088min (+ 0.001) 4.22 ng/ul

response 20398

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	77.30	83.55
51.00	38.20	40.84
0.00	0.00	0.00

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Misc :
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Quant Time: Oct 05 06:05:02 2021
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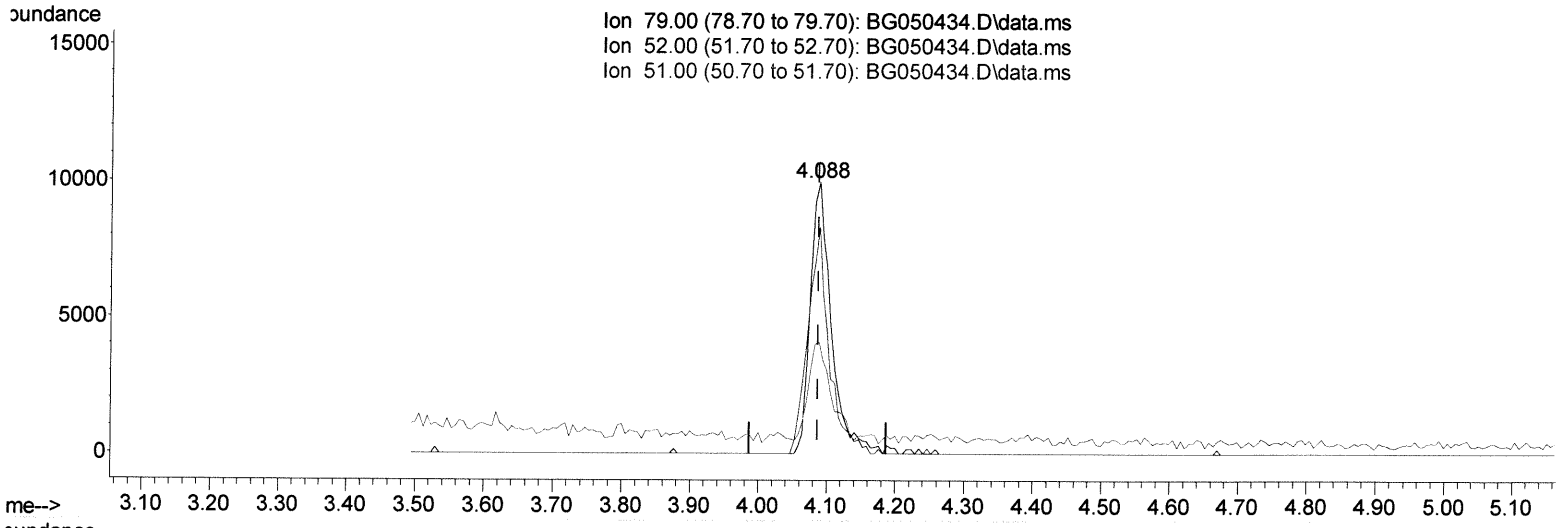

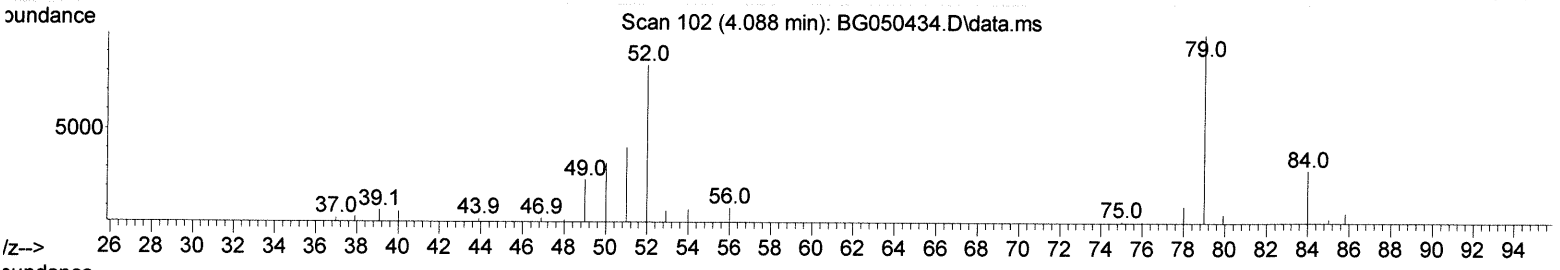

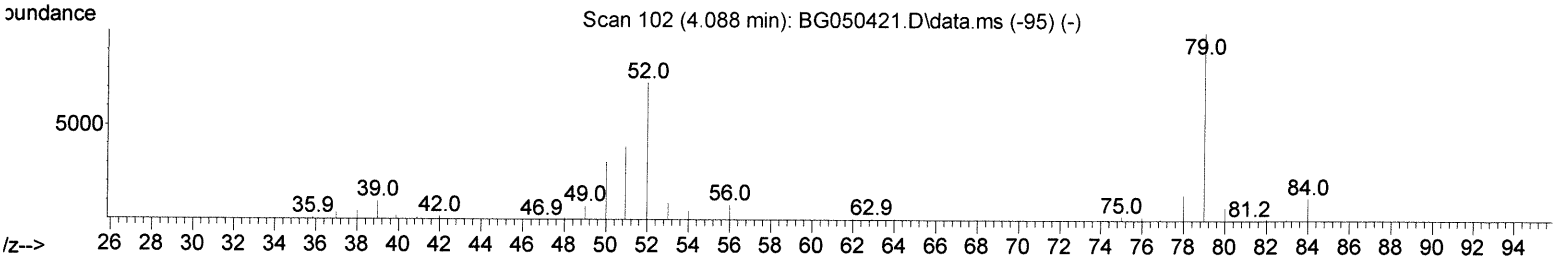

TIC: BG050434.D\data.ms

(5) Pyridine

4.088min (+ 0.001) 4.39 ng/ul m

response 21233

JU 10/08/21

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	77.30	83.55
51.00	38.20	40.84
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	8.271	152	58883	20.000	ng/ul	0.00
20) Naphthalene-d8	11.091	136	244823	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.887	164	161706	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	337615	20.000	ng/ul	0.00
79) Chrysene-d12	21.932	240	298196	20.000	ng/ul	-0.02
88) Perylene-d12	25.351	264	297724	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	1866	1.164	ng/uL	0.00
4) Pyridine-d5	4.064	84	10266	2.150	ng/ul	0.00
7) Phenol-d5	7.402	99	33484	6.509	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.578	67	22087	6.822	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.789	132	23307	6.466	ng/ul	-0.01
15) 4-Methylphenol-d8	8.953	113	21352	5.483	ng/ul	-0.01
21) Nitrobenzene-d5	9.434	128	12844	7.499	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.163	143	13641	7.421	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.698	165	23381	6.442	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.221	131	29172	5.626	ng/ul	0.00
46) Dimethylphthalate-d6	14.276	166	75933	6.861	ng/ul	-0.02
49) Acenaphthylene-d8	14.581	160	95542	6.874	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.046	143	9479	4.447	ng/ul	-0.01
60) Fluorene-d10	15.874	176	68464	6.867	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.974	200	9147	5.432	ng/ul	-0.01
73) Anthracene-d10	17.725	188	104021	7.293	ng/ul	-0.01
81) Pyrene-d10	19.999	212	121473	7.661	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.110	264	103137	6.889	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.671	88	5706m	2.943	ng/uL	
5) Pyridine	4.088	79	21233m	4.389	ng/ul	
6) Benzaldehyde	7.402	77	29697	8.753	ng/ul	98
8) Phenol	7.425	94	41095	7.793	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.678	93	31298	7.913	ng/ul	98
12) 2-Chlorophenol	7.825	128	28798	7.809	ng/ul	95
13) 2-Methylphenol	8.694	108	27370	7.043	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.788	45	51073	8.606	ng/ul	96
16) Acetophenone	9.094	105	50958	8.236	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.064	70	28523	7.671	ng/ul	97
18) 4-Methylphenol	9.017	108	29838	7.250	ng/ul	97
19) Hexachloroethane	9.364	117	12924	8.154	ng/ul	96
22) Nitrobenzene	9.482	77	42082	8.198	ng/ul	99
23) Isophorone	9.999	82	73869	7.488	ng/ul	98
25) 2-Nitrophenol	10.198	139	14882	7.877	ng/ul	94
26) 2,4-Dimethylphenol	10.239	107	17814	3.799	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.480	93	42727	8.023	ng/ul	97
29) 2,4-Dichlorophenol	10.721	162	27074	7.534	ng/ul	98
30) Naphthalene	11.144	128	97877	7.787	ng/ul	97
32) 4-Chloroaniline	11.244	127	35439	6.789	ng/ul	95
33) Hexachlorobutadiene	11.420	225	18818	7.206	ng/ul	94
34) Caprolactam	11.996	113	7539	5.430	ng/ul	96
35) 4-Chloro-3-methylphenol	12.331	107	30218	7.132	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.731	142	67114	7.854	ng/ul	98
37) 1-Methylnaphthalene	12.948	142	64386	7.484	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.089	216	36230	7.764	ng/ul	97
40) Hexachlorocyclopentadiene	13.066	237	10868	3.512	ng/ul	94
41) 2,4,6-Trichlorophenol	13.318	196	22798	7.751	ng/ul	95
42) 2,4,5-Trichlorophenol	13.389	196	25272	7.855	ng/ul	97
43) 1,1'-Biphenyl	13.724	154	86605	7.958	ng/ul	100
44) 2-Chloronaphthalene	13.771	162	67087	7.869	ng/ul	98
45) 2-Nitroaniline	13.964	65	24155	8.654	ng/ul	95
47) Dimethylphthalate	14.323	163	86034	7.727	ng/ul	97
48) 2,6-Dinitrotoluene	14.452	165	16770	8.007	ng/ul	89
50) Acenaphthylene	14.611	152	102488	7.270	ng/ul	98
51) 3-Nitroaniline	14.781	138	17708	7.772	ng/ul	98
52) Acenaphthene	14.952	153	72551	7.787	ng/ul	92
53) 2,4-Dinitrophenol	14.987	184	6405	4.906	ng/ul#	74
55) 4-Nitrophenol	15.063	109	14284	6.777	ng/ul	94
56) Dibenzofuran	15.281	168	104488	7.711	ng/ul	93
57) 2,4-Dinitrotoluene	15.234	165	24008	7.894	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.498	232	20173	7.291	ng/ul#	91
59) Diethylphthalate	15.680	149	91024	7.834	ng/ul	97
61) Fluorene	15.927	166	82936	7.693	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.915	204	43086	7.379	ng/ul	96
63) 4-Nitroaniline	15.933	138	19059	8.284	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.992	198	10628	6.385	ng/ul	99
67) N-Nitrosodiphenylamine	16.127	169	72304	8.470	ng/ul	99
68) 4-Bromophenyl-phenylether	16.808	248	25545	8.127	ng/ul	93
69) Hexachlorobenzene	16.926	284	26349	7.961	ng/ul	96
70) Atrazine	17.061	200	29460	8.106	ng/ul	99
71) Pentachlorophenol	17.272	266	12318	5.683	ng/ul	96
72) Phenanthrene	17.672	178	139397	8.272	ng/ul	99
74) Anthracene	17.760	178	137151	8.217	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.688	216	38239	8.591	ng/uL	97
76) Pentachlorobenzene	15.198	250	32002	7.870	ng/uL	98
77) Carbazole	18.024	167	128504	8.602	ng/ul	99
78) Di-n-butylphthalate	18.565	149	157934	8.921	ng/ul	99
80) Fluoranthene	19.664	202	172047	8.640	ng/ul	97
82) Pyrene	20.028	202	172903	8.806	ng/ul	100
83) Butylbenzylphthalate	20.898	149	68679	9.489	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.814	252	49877	8.115	ng/ul	96
85) Benzo(a)anthracene	21.908	228	154855	8.614	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.791	149	103437	9.946	ng/ul	99
87) Chrysene	21.979	228	148417	8.615	ng/ul	97
89) Di-n-octyl phthalate	23.071	149	170579	9.971	ng/ul	100
90) Benzo(b)fluoranthene	24.252	252	153541	8.467	ng/ul	98
91) Benzo(k)fluoranthene	24.329	252	150102	8.895	ng/ul	97
93) Benzo(a)pyrene	25.187	252	137447	7.944	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.270	276	163657	8.424	ng/ul	98
95) Dibenzo(a,h)anthracene	29.346	278	136117	8.234	ng/ul	99
96) Benzo(g,h,i)perylene	30.510	276	121587	7.425	ng/ul	96

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