

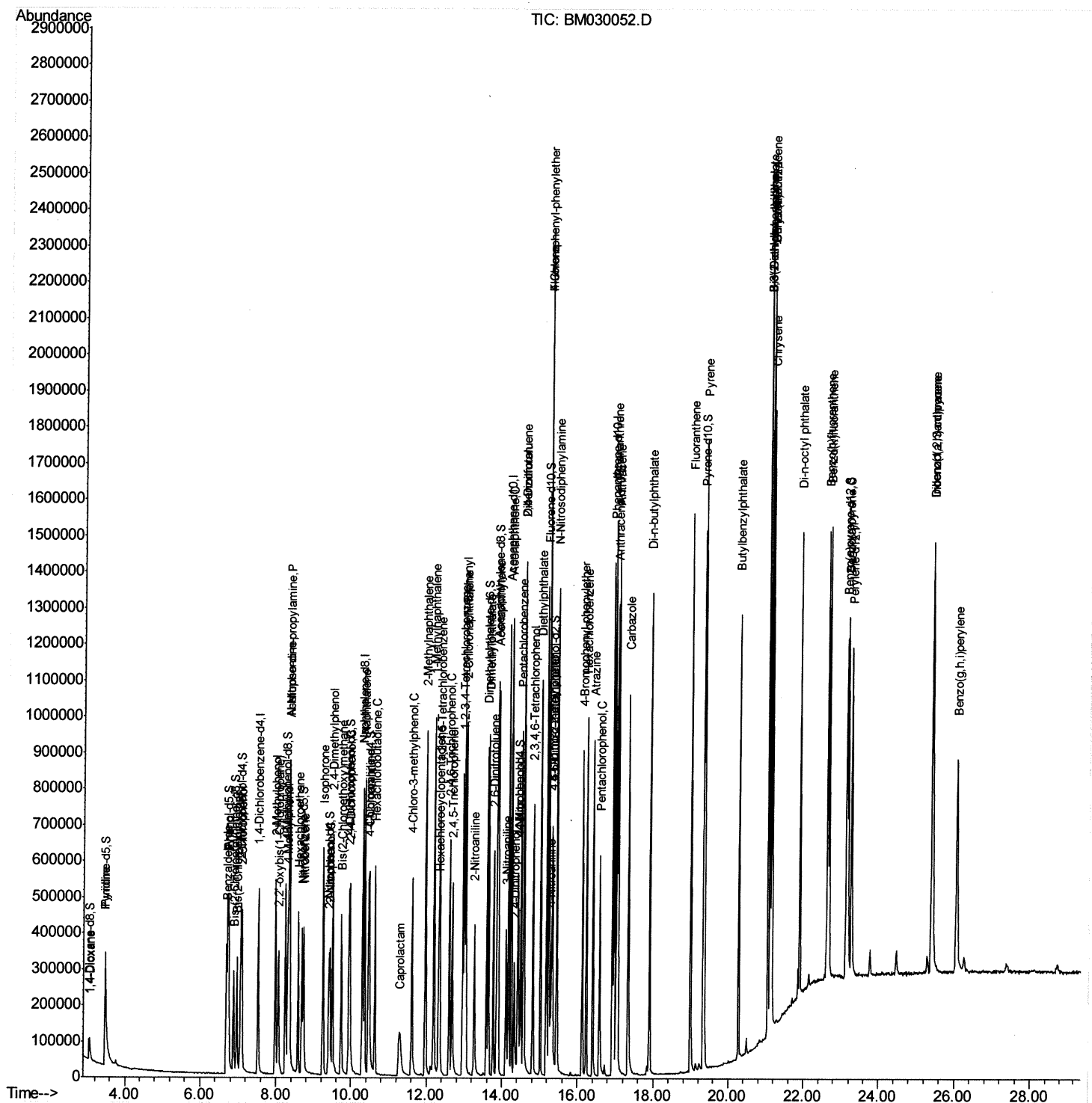
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Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051521\  
Data File : BM030052.D  
Acq On    : 15 May 2021  17:15  
Operator  : CG/JU  
Sample    : SSTDCCC020EC  
Misc      :  
ALS Vial  : 11      Sample Multiplier: 1
```

Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual Integrations
APPROVED

mohammad
5/17/2021 11:22:04 AM

Quant Time: May 16 01:53:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 15 09:59:28 2021
Response via : Initial Calibration



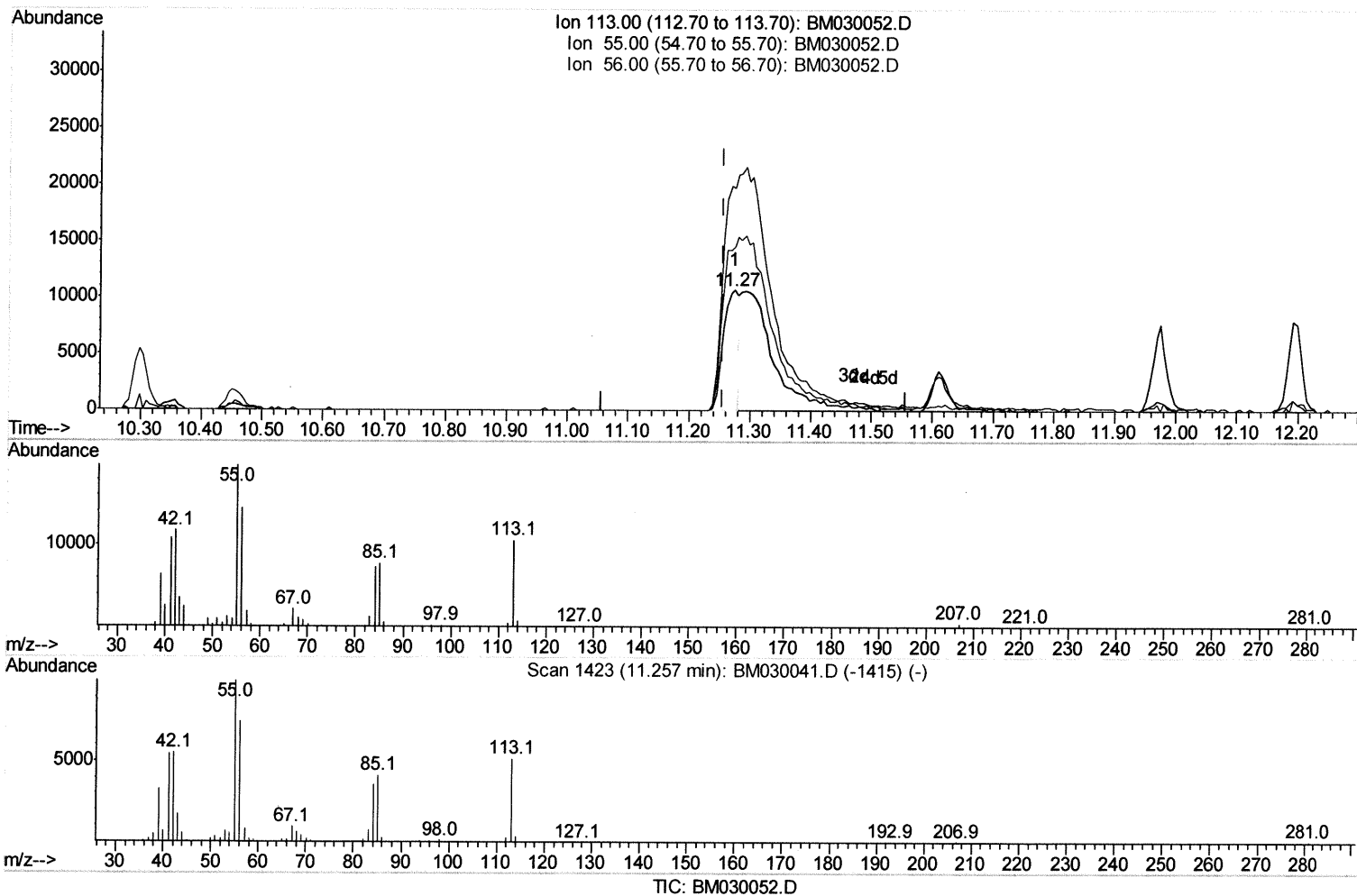
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Quant Time: May 16 01:02:33 2021
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(34) Caprolactam

11.275min (+0.018) 5.55ng/ul

response 18929

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	185.03
56.00	131.80	136.54
0.00	0.00	0.00

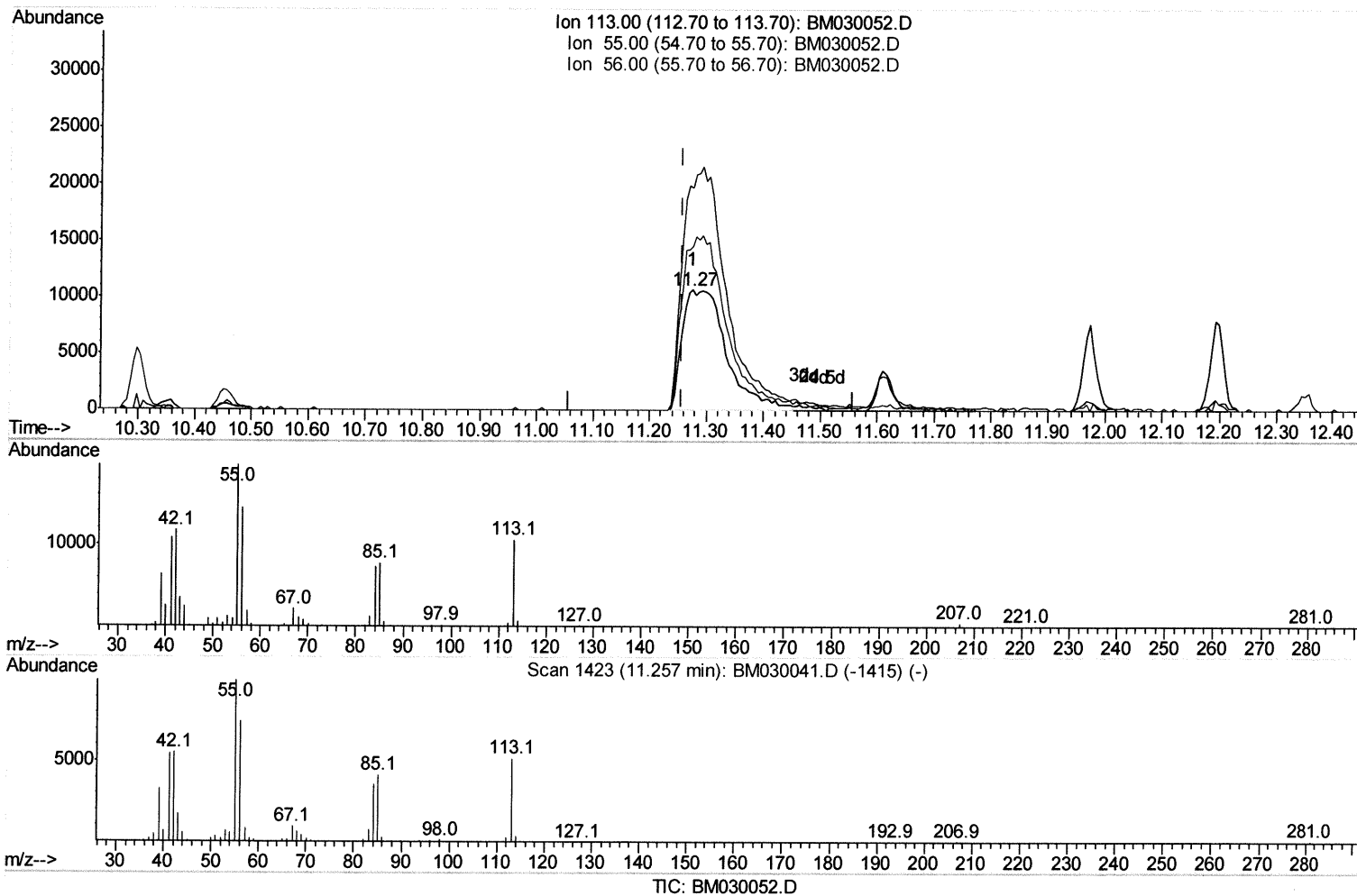
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(34) Caprolactam

11.275min (+0.018) 16.93ng/ul m JU 5/17/21

response 57703

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	185.03
56.00	131.80	136.54
0.00	0.00	0.00

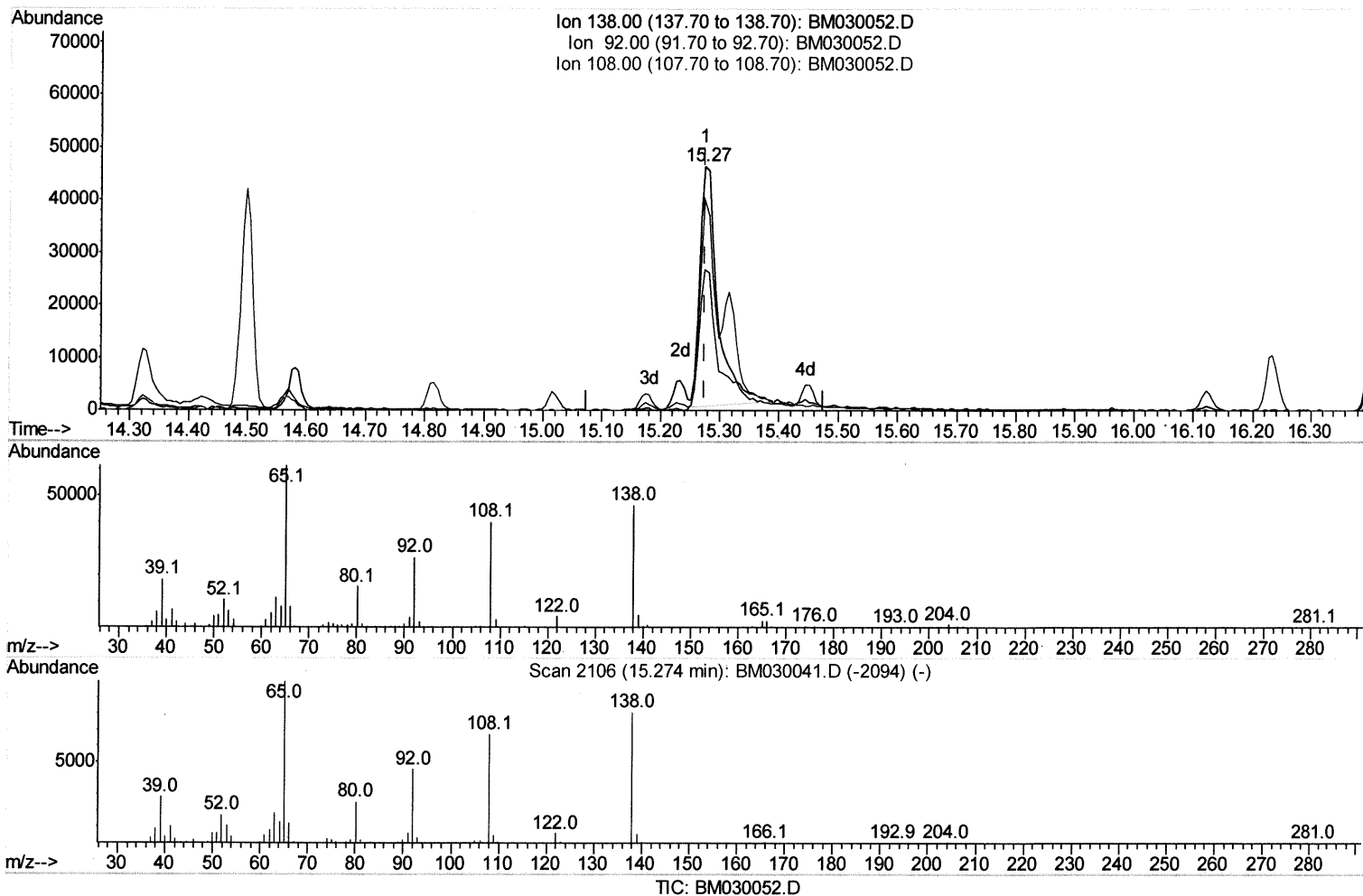
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(63) 4-Nitroaniline

15.274min (+0.000) 15.11ng/ul

response 94324

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	57.56
108.00	81.60	86.45
0.00	0.00	0.00

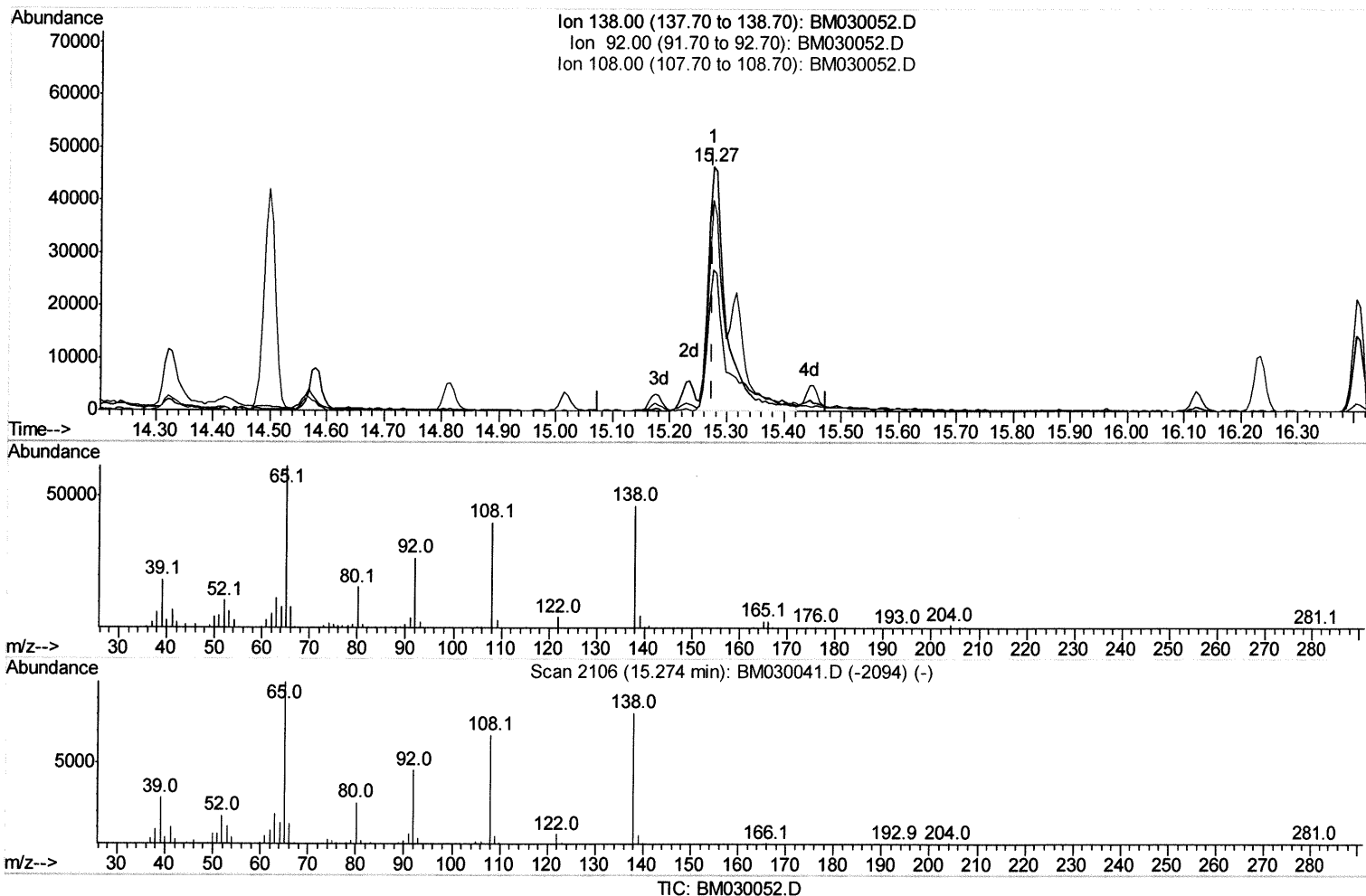
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(63) 4-Nitroaniline

15.274min (+0.000) 18.58ng/ul m

JU 5/17/21

response 116017

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	57.56
108.00	81.60	86.45
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	138779	20.00	ng/ul	0.00
20) Naphthalene-d8	10.30	136	627100	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.18	164	402386	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.93	188	795251	20.00	ng/ul	0.00
79) Chrysene-d12	21.12	240	693005	20.00	ng/ul	0.00
88) Perylene-d12	23.27	264	604435	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	27772	7.99	ng/uL	0.00
4) Pyridine-d5	3.46	84	143597	16.50	ng/ul	0.00
7) Phenol-d5	6.72	99	232972	18.05	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.87	67	149848	18.72	ng/ul	0.00
11) 2-Chlorophenol-d4	7.06	132	189430	19.02	ng/ul	0.00
15) 4-Methylphenol-d8	8.25	113	188600	17.67	ng/ul	0.00
21) Nitrobenzene-d5	8.69	128	88313	20.44	ng/ul	0.00
24) 2-Nitrophenol-d4	9.40	143	98059	20.10	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.93	165	185072	18.92	ng/ul	0.00
31) 4-Chloroaniline-d4	10.45	131	259590	17.44	ng/ul	0.00
46) Dimethylphthalate-d6	13.60	166	557528	17.88	ng/ul	0.00
49) Acenaphthylene-d8	13.87	160	735853	18.62	ng/ul	0.00
54) 4-Nitrophenol-d4	14.41	143	81887	16.12	ng/ul	0.00
60) Fluorene-d10	15.17	176	478508	18.07	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.32	200	92030	17.82	ng/ul	0.00
73) Anthracene-d10	17.02	188	725224	18.11	ng/ul	0.00
81) Pyrene-d10	19.32	212	764033	21.49	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.13	264	640041	18.68	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.08	88	30502	8.111	ng/uL 94
5) Pyridine	3.48	79	158544	17.766	ng/ul 94
6) Benzaldehyde	6.69	77	138890	20.848	ng/ul 95
8) Phenol	6.75	94	238952	18.135	ng/ul 95
10) Bis(2-Chloroethyl)ether	6.97	93	183181	17.582	ng/ul 97
12) 2-Chlorophenol	7.10	128	192769	18.976	ng/ul 99
13) 2-Methylphenol	7.98	108	175804	17.610	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.06	45	331765	21.141	ng/ul 96
16) Acetophenone	8.36	105	297525	17.371	ng/ul 96
17) N-Nitroso-di-n-propylamine	8.34	70	172230	19.653	ng/ul 95
18) 4-Methylphenol	8.31	108	193765	17.508	ng/ul 99
19) Hexachloroethane	8.59	117	81720	19.041	ng/ul 95
22) Nitrobenzene	8.73	77	231306	20.541	ng/ul 97
23) Isophorone	9.25	82	448249	18.820	ng/ul 99
25) 2-Nitrophenol	9.43	139	107830	20.363	ng/ul 97
26) 2,4-Dimethylphenol	9.50	107	229139	19.177	ng/ul 98
27) Bis(2-Chloroethoxy)methane	9.73	93	261808	18.767	ng/ul 98
29) 2,4-Dichlorophenol	9.96	162	178028	18.535	ng/ul 99
30) Naphthalene	10.35	128	639847	18.382	ng/ul 99
32) 4-Chloroaniline	10.47	127	255215	16.644	ng/ul 100
33) Hexachlorobutadiene	10.63	225	113963	17.696	ng/ul 98
34) Caprolactam	11.27	113	57703m	16.928	ng/ul >

J4 5/17/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.61	107	201561	18.963	ng/ul	99
36) 2-Methylnaphthalene	11.97	142	456058	18.062	ng/ul	99
37) 1-Methylnaphthalene	12.19	142	451983	18.063	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.35	216	226664	18.229	ng/ul	99
40) Hexachlorocyclopentadiene	12.32	237	108259	16.761	ng/ul	99
41) 2,4,6-Trichlorophenol	12.60	196	143125	18.876	ng/ul	99
42) 2,4,5-Trichlorophenol	12.68	196	144879	18.054	ng/ul	99
43) 1,1'-Biphenyl	13.00	154	578495	18.494	ng/ul	99
44) 2-Chloronaphthalene	13.05	162	447479	18.641	ng/ul	99
45) 2-Nitroaniline	13.27	65	137123	22.600	ng/ul	97
47) Dimethylphthalate	13.65	163	559956	17.930	ng/ul	98
48) 2,6-Dinitrotoluene	13.77	165	111660	19.917	ng/ul	98
50) Acenaphthylene	13.90	152	708346	18.530	ng/ul	98
51) 3-Nitroaniline	14.10	138	111341	17.678	ng/ul	99
52) Acenaphthene	14.24	153	498695	18.459	ng/ul	100
53) 2,4-Dinitrophenol	14.33	184	73088	19.161	ng/ul	97
55) 4-Nitrophenol	14.43	109	84310	21.585	ng/ul	96
56) Dibenzofuran	14.58	168	673883	18.212	ng/ul	98
57) 2,4-Dinitrotoluene	14.57	165	163321	19.686	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.82	232	138383	18.109	ng/ul	98
59) Diethylphthalate	15.02	149	570203	17.505	ng/ul	98
61) Fluorene	15.23	166	569574	18.006	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.23	204	271638	17.476	ng/ul	99
63) 4-Nitroaniline	15.27	138	116017m	18.583	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.33	198	90682	17.838	ng/ul	99
67) N-Nitrosodiphenylamine	15.45	169	486375	18.827	ng/ul	99
68) 4-Bromophenyl-phenylether	16.13	248	158312	17.885	ng/ul	98
69) Hexachlorobenzene	16.23	284	187868	17.872	ng/ul	95
70) Atrazine	16.41	200	159919	16.778	ng/ul	99
71) Pentachlorophenol	16.59	266	110145	18.287	ng/ul	99
72) Phenanthrene	16.97	178	860390	18.349	ng/ul	100
74) Anthracene	17.06	178	886194	18.486	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.97	216	242672	19.291	ng/uL	98
76) Pentachlorobenzene	14.50	250	223142	18.601	ng/uL	98
77) Carbazole	17.34	167	754751	17.183	ng/ul	99
78) Di-n-butylphthalate	17.90	149	884342	16.963	ng/ul	100
80) Fluoranthene	18.99	202	933975	21.586	ng/ul	99
82) Pyrene	19.35	202	980599	21.536	ng/ul	99
83) Butylbenzylphthalate	20.27	149	342089	21.141	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.04	252	264021	16.746	ng/ul	98
85) Benzo(a)anthracene	21.10	228	839519	18.567	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.04	149	460829	16.517	ng/ul	99
87) Chrysene	21.15	228	837719	18.602	ng/ul	99
89) Di-n-octyl phthalate	21.90	149	710391	15.359	ng/ul	100
90) Benzo(b)fluoranthene	22.63	252	749469	19.116	ng/ul	100
91) Benzo(k)fluoranthene	22.67	252	778547	18.888	ng/ul	99
93) Benzo(a)pyrene	23.17	252	669562	18.804	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.40	276	815776	18.928	ng/ul	99
95) Dibenzo(a,h)anthracene	25.41	278	671485	18.380	ng/ul	99
96) Benzo(g,h,i)perylene	26.06	276	675420	19.342	ng/ul	99

Handwritten note: 24 5/17/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed