

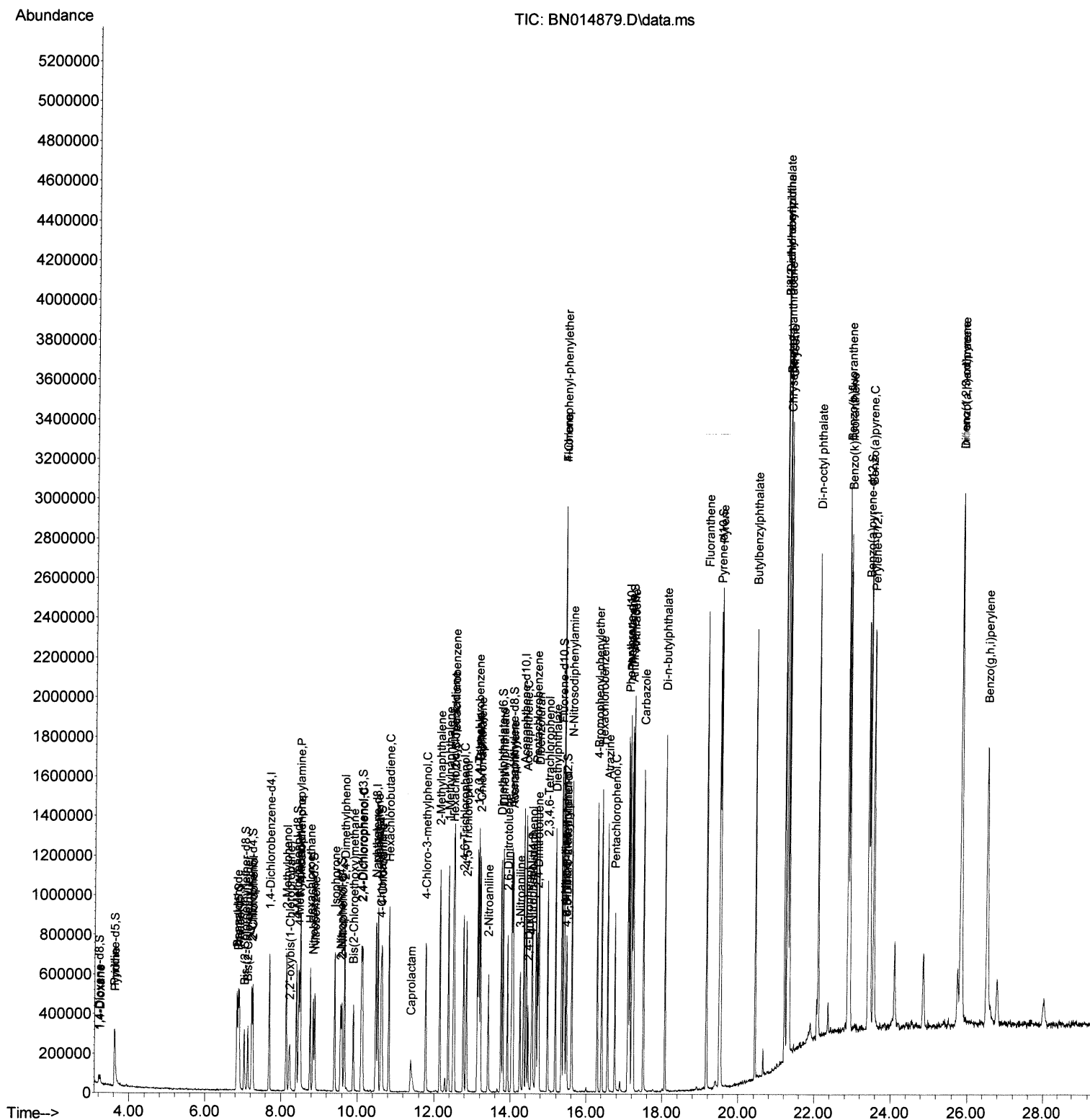
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014879.D
 Acq On : 11 Jun 2021 02:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC020

Manual Integrations
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Quant Time: Jun 11 10:10:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 10 11:55:23 2021
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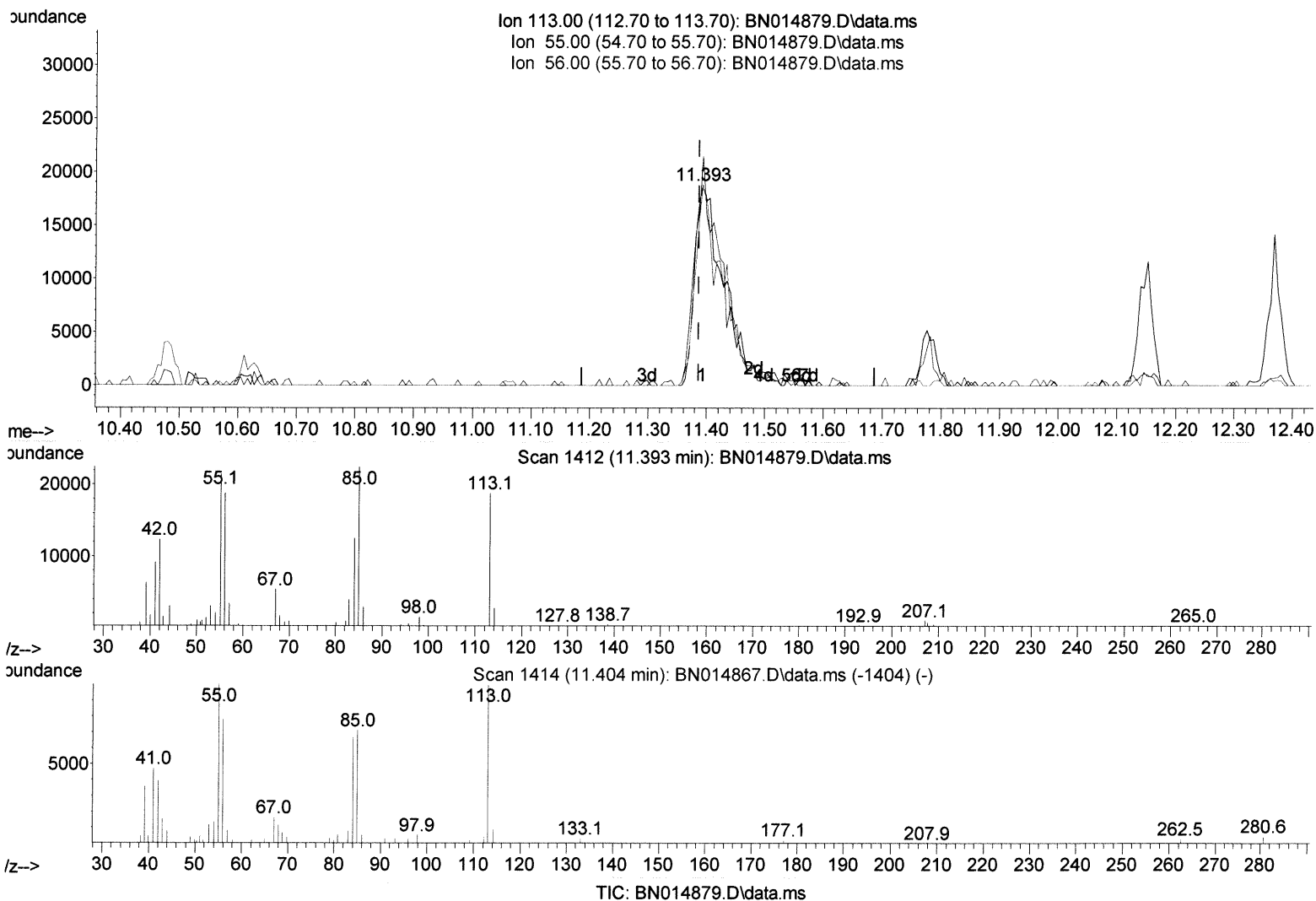
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(34) Caprolactam

11.393min (+ 0.006) 13.53 ng/ul

response 48959

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	114.10
56.00	73.20	99.70#
0.00	0.00	0.00

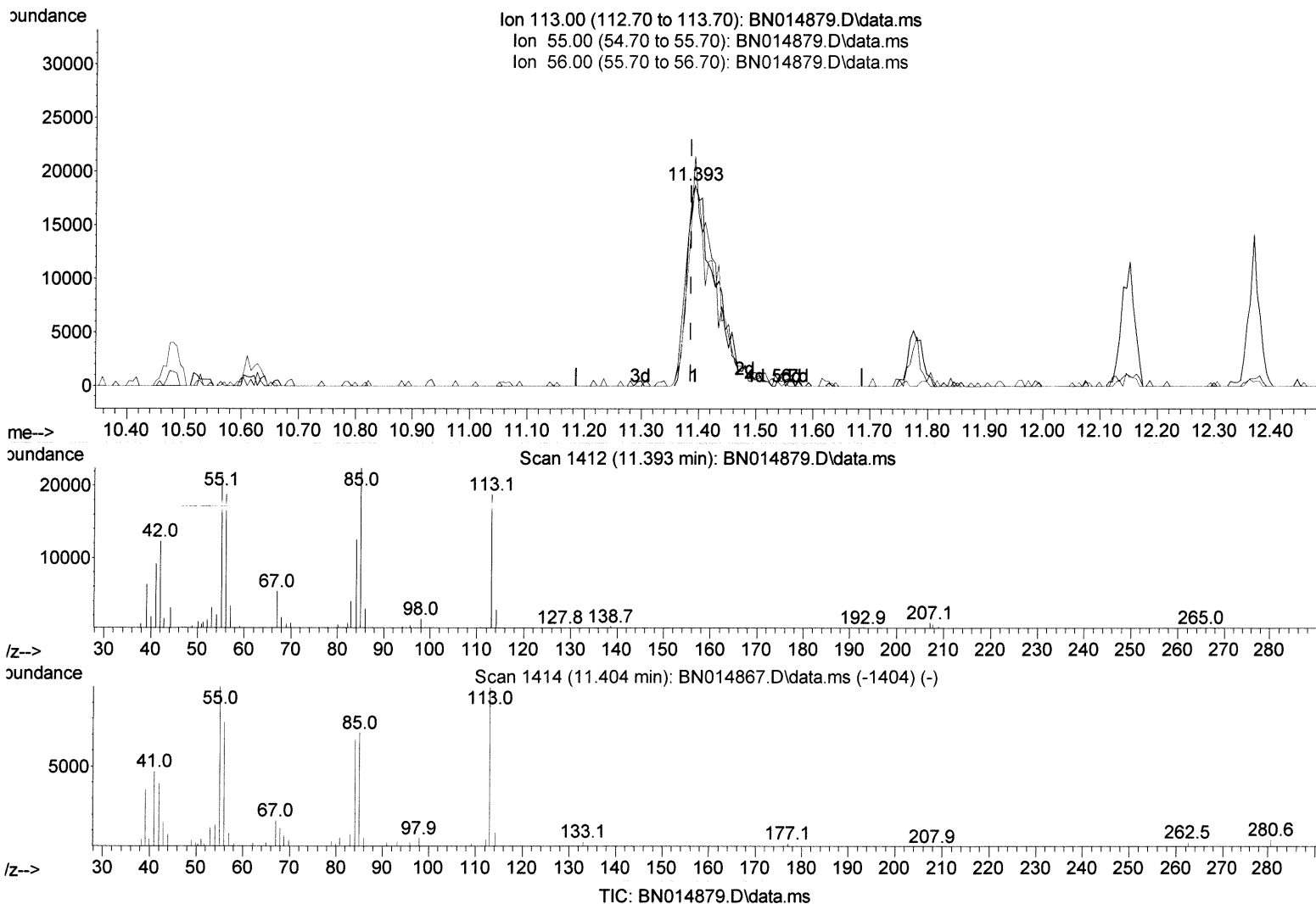
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(34) Caprolactam

11.393min (+ 0.006) 17.51 ng/ul *m Jul 6/14/21*

response 63369

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	114.10
56.00	73.20	99.70#
0.00	0.00	0.00

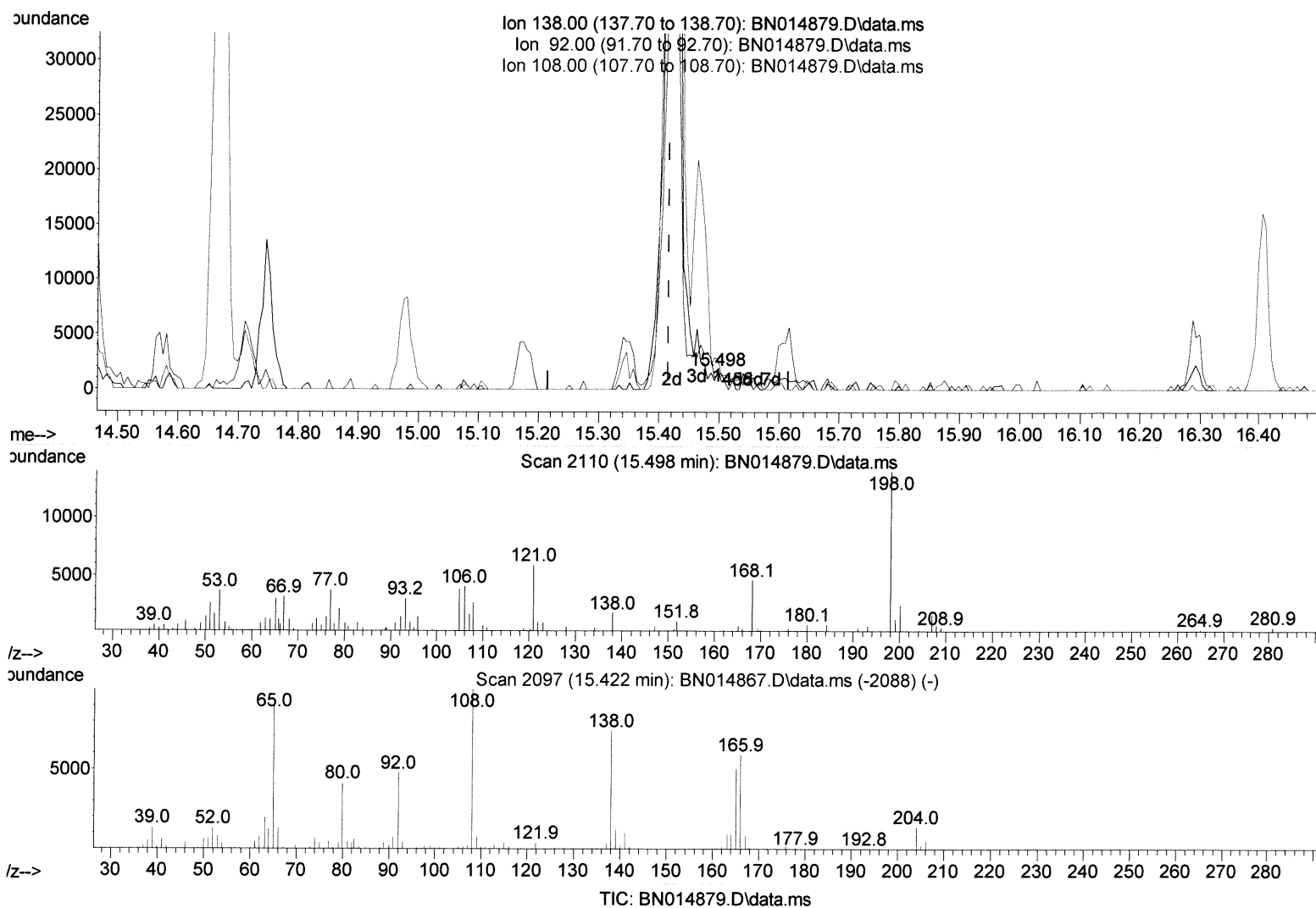
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(63) 4-Nitroaniline

15.498min (+ 0.082) 0.10 ng/ul

response 622

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	71.90	82.53
108.00	136.60	150.42
0.00	0.00	0.00

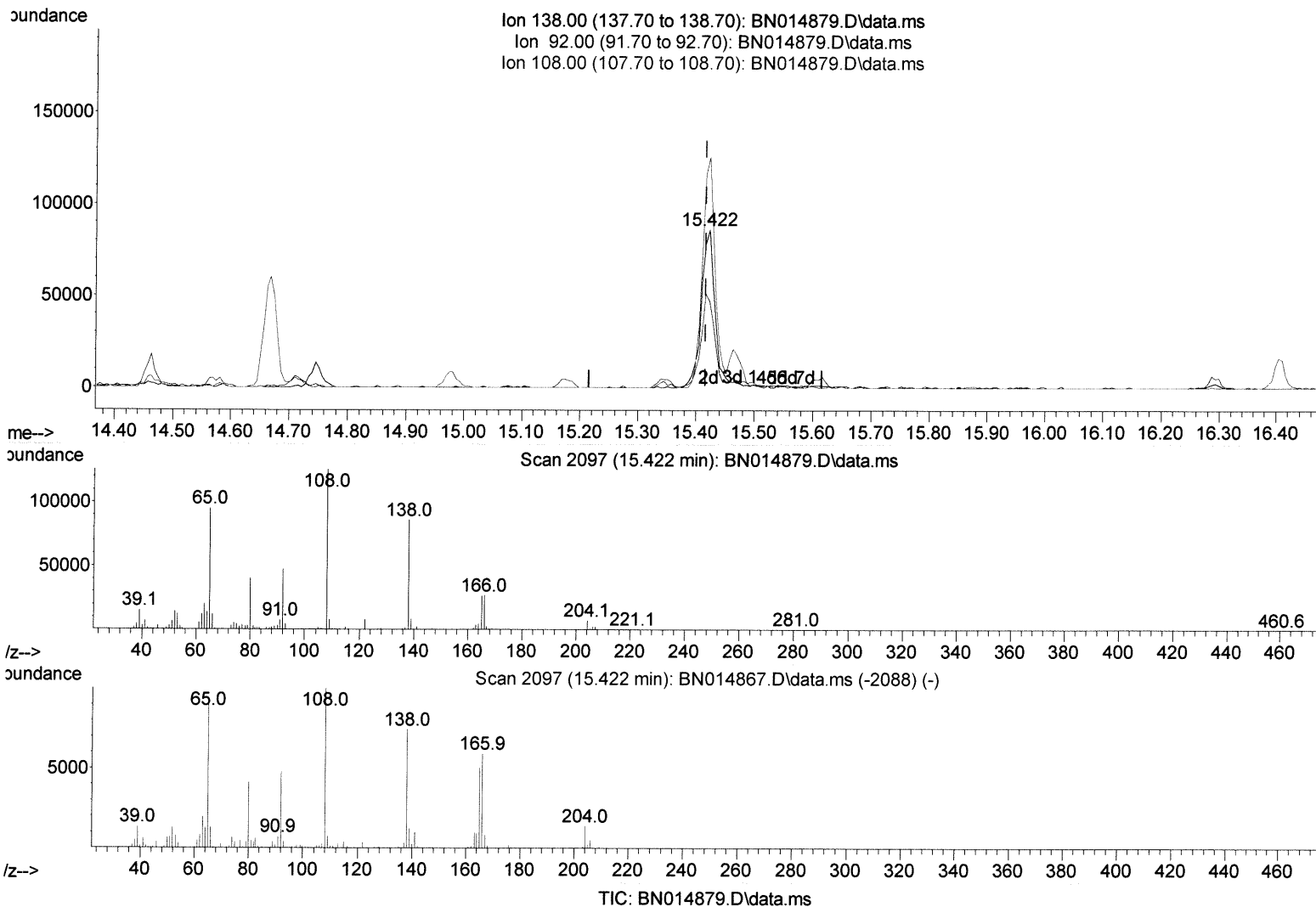
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(63) 4-Nitroaniline

15.422min (+ 0.006) 22.34 ng/ul m JU 6/14/21

response 141866

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	71.90	55.03#
108.00	136.60	145.95
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	7.693	152	156248	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	632578	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.345	164	441262	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1035474	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1262055	20.000	ng/ul	0.00
88) Perylene-d12	23.557	264	1515623	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	24343	6.344	ng/uL	0.00
4) Pyridine-d5	3.617	84	129194	13.370	ng/ul	0.00
7) Phenol-d5	6.869	99	266185	17.398	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	121875	16.020	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	204129	21.543	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	218699	18.386	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	96658	20.285	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	115587	22.567	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	238205	20.397	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	260219	18.901	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	697993	19.910	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	831765	20.518	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	106886	19.192	ng/ul	0.00
60) Fluorene-d10	15.345	176	584612	19.354	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	104389	18.432	ng/ul	0.00
73) Anthracene-d10	17.198	188	957697	19.799	ng/ul	0.00
81) Pyrene-d10	19.498	212	1214931	20.416	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	1624046	20.117	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	25377	5.633	ng/uL	97
5) Pyridine	3.634	79	136766	13.507	ng/ul	96
6) Benzaldehyde	6.840	77	169557	20.581	ng/ul	87
8) Phenol	6.899	94	264202	16.783	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.122	93	192497	15.843	ng/ul	97
12) 2-Chlorophenol	7.258	128	206316	20.803	ng/ul#	89
13) 2-Methylphenol	8.140	108	212582	18.388	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.228	45	123919	16.167	ng/ul	94
16) Acetophenone	8.510	105	365556	18.565	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.499	70	168037	17.717	ng/ul#	95
18) 4-Methylphenol	8.463	108	224062	17.770	ng/ul	95
19) Hexachloroethane	8.763	117	103167	20.778	ng/ul	93
22) Nitrobenzene	8.887	77	253944	17.076	ng/ul#	85
23) Isophorone	9.410	82	473814	16.779	ng/ul#	92
25) 2-Nitrophenol	9.599	139	117427	21.574	ng/ul	94
26) 2,4-Dimethylphenol	9.663	107	297047	17.728	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.893	93	270407	15.759	ng/ul#	95
29) 2,4-Dichlorophenol	10.128	162	222196	19.839	ng/ul	98
30) Naphthalene	10.528	128	680585	19.794	ng/ul	99
32) 4-Chloroaniline	10.640	127	282736	19.296	ng/ul	99
33) Hexachlorobutadiene	10.816	225	197560	19.727	ng/ul	97
34) Caprolactam	11.393	113	63369m	17.512	ng/ul	98
35) 4-Chloro-3-methylphenol	11.775	107	297432	18.326	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.146	142	490372	19.134	ng/ul	93
37) 1-Methylnaphthalene	12.369	142	482055	19.131	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.522	216	327012	19.600	ng/ul	90
40) Hexachlorocyclopentadiene	12.504	237	270922	24.512	ng/ul	97
41) 2,4,6-Trichlorophenol	12.769	196	204775	21.857	ng/ul	99
42) 2,4,5-Trichlorophenol	12.846	196	208291	20.372	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	634072	20.087	ng/ul	95
44) 2-Chloronaphthalene	13.210	162	528285	20.886	ng/ul	97
45) 2-Nitroaniline	13.416	65	153393	19.911	ng/ul	93
47) Dimethylphthalate	13.804	163	675843	19.491	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	141675	21.987	ng/ul	87
50) Acenaphthylene	14.063	152	775518	20.807	ng/ul	98
51) 3-Nitroaniline	14.251	138	132143	21.135	ng/ul	80
52) Acenaphthene	14.410	153	552000	20.439	ng/ul	96
53) 2,4-Dinitrophenol	14.463	184	86459	18.481	ng/ul#	90
55) 4-Nitrophenol	14.575	109	184213	17.254	ng/ul	98
56) Dibenzofuran	14.745	168	805707	20.055	ng/ul#	84
57) 2,4-Dinitrotoluene	14.716	165	220187	21.442	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	14.981	232	207890	19.766	ng/ul#	94
59) Diethylphthalate	15.181	149	681803	20.453	ng/ul	94
61) Fluorene	15.398	166	637547	21.093	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	344638	19.273	ng/ul	89
63) 4-Nitroaniline	15.422	138	141866m	22.338	ng/ul	> 96 6/10/21
66) 4,6-Dinitro-2-methylph...	15.481	198	108114	19.513	ng/ul#	93
67) N-Nitrosodiphenylamine	15.610	169	565105	20.262	ng/ul	94
68) 4-Bromophenyl-phenylether	16.292	248	256558	19.027	ng/ul#	82
69) Hexachlorobenzene	16.410	284	321613	19.066	ng/ul	98
70) Atrazine	16.569	200	244088	21.165	ng/ul	97
71) Pentachlorophenol	16.751	266	157741	16.242	ng/ul	97
72) Phenanthrene	17.139	178	1059858	19.589	ng/ul	99
74) Anthracene	17.234	178	1121346	20.564	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	346995	20.280	ng/uL	96
76) Pentachlorobenzene	14.669	250	348232	19.678	ng/uL	97
77) Carbazole	17.504	167	966150	21.023	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1189350	21.963	ng/ul#	95
80) Fluoranthene	19.163	202	1396611	19.903	ng/ul	99
82) Pyrene	19.528	202	1429028	19.803	ng/ul	98
83) Butylbenzylphthalate	20.439	149	595921	24.577	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	593698	24.951	ng/ul	94
85) Benzo(a)anthracene	21.280	228	1566765	19.916	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	867082	24.809	ng/ul	96
87) Chrysene	21.333	228	1540009	19.439	ng/ul	95
89) Di-n-octyl phthalate	22.104	149	1676318	24.999	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1885686	20.731	ng/ul	94
91) Benzo(k)fluoranthene	22.921	252	1720016	18.980	ng/ul	100
93) Benzo(a)pyrene	23.451	252	1667491	20.257	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.833	276	2226654	19.742	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.839	278	1839896	19.712	ng/ul	97
96) Benzo(g,h,i)perylene	26.521	276	1907296	19.108	ng/ul	95

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

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