Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015924.D
Acq On : 18 Aug 2021 06:51
Operator : CG/JU
Sample : PB138420BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 18 07:52:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 17 09:43:53 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS420

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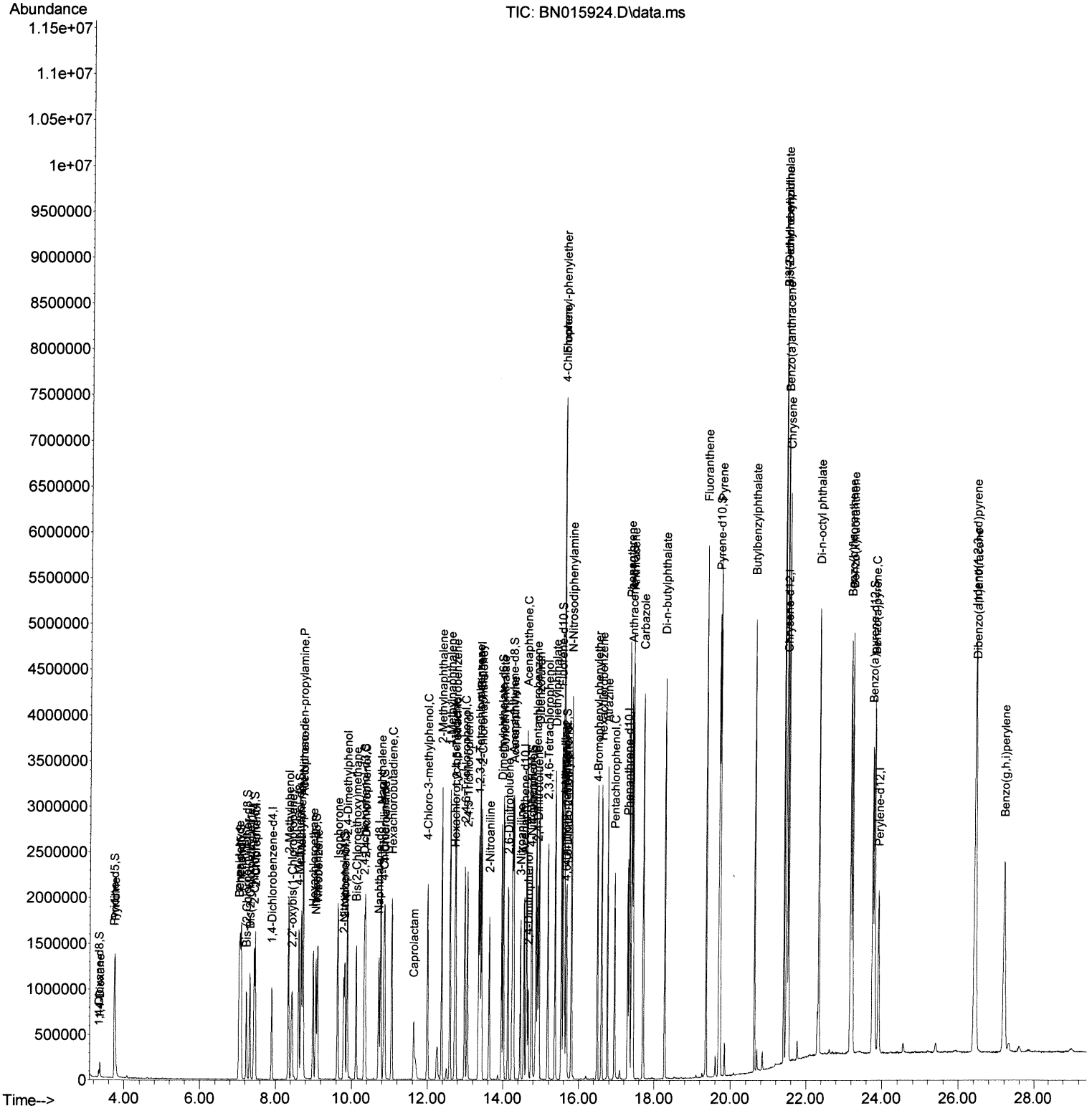

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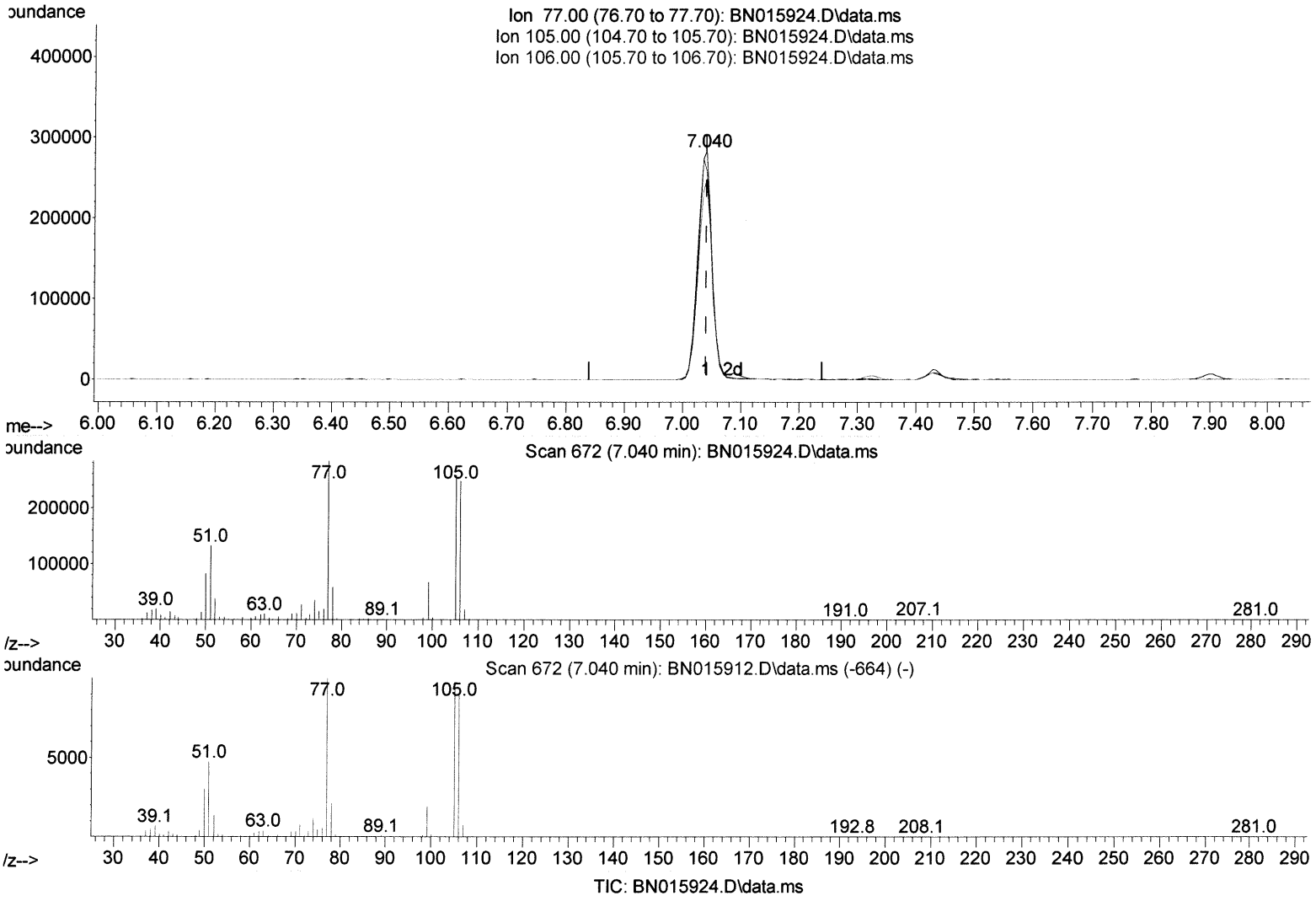

(6) Benzaldehyde

7.040min (-0.000) 39.71 ng/ul

response 476372

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	91.28
106.00	87.90	87.53
0.00	0.00	0.00

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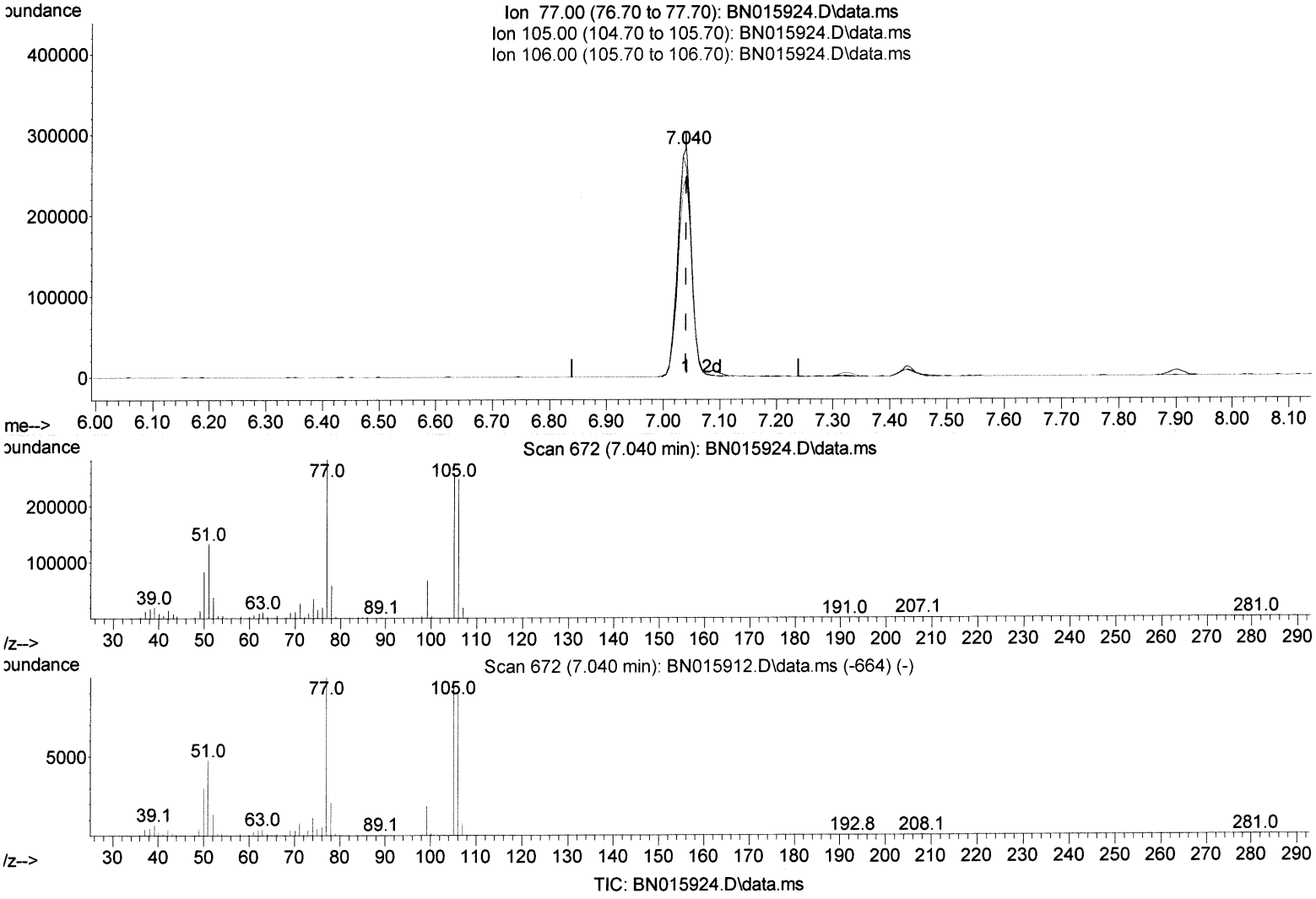

TIC: BN015924.D\data.ms

(6) Benzaldehyde

7.040min (-0.000) 40.67 ng/ul m JU 8/19/21

response 487922

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	91.28
106.00	87.90	87.53
0.00	0.00	0.00

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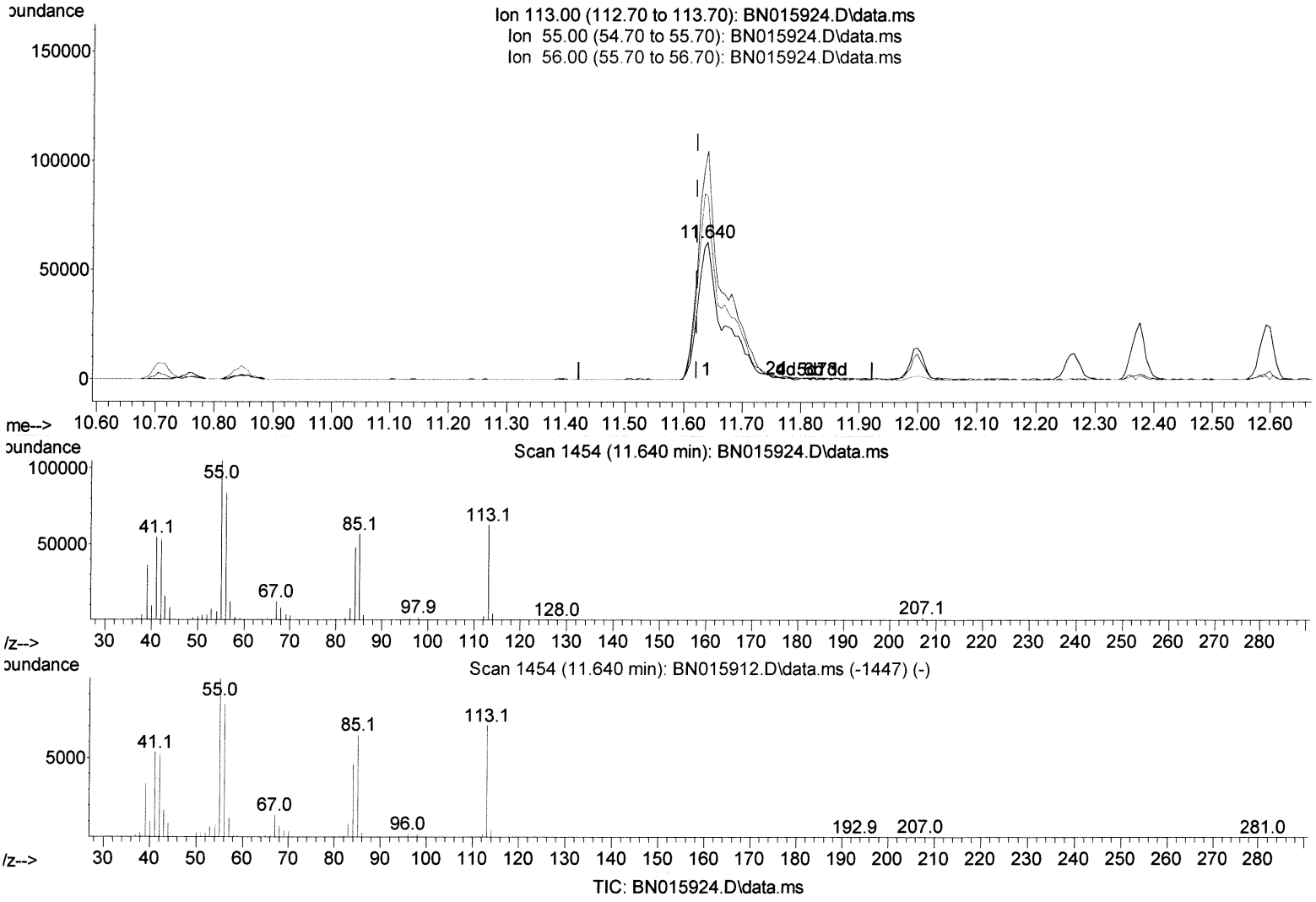

(34) Caprolactam

11.640min (+ 0.018) 26.70 ng/ul

response 131199

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	166.38
56.00	127.80	133.43
0.00	0.00	0.00

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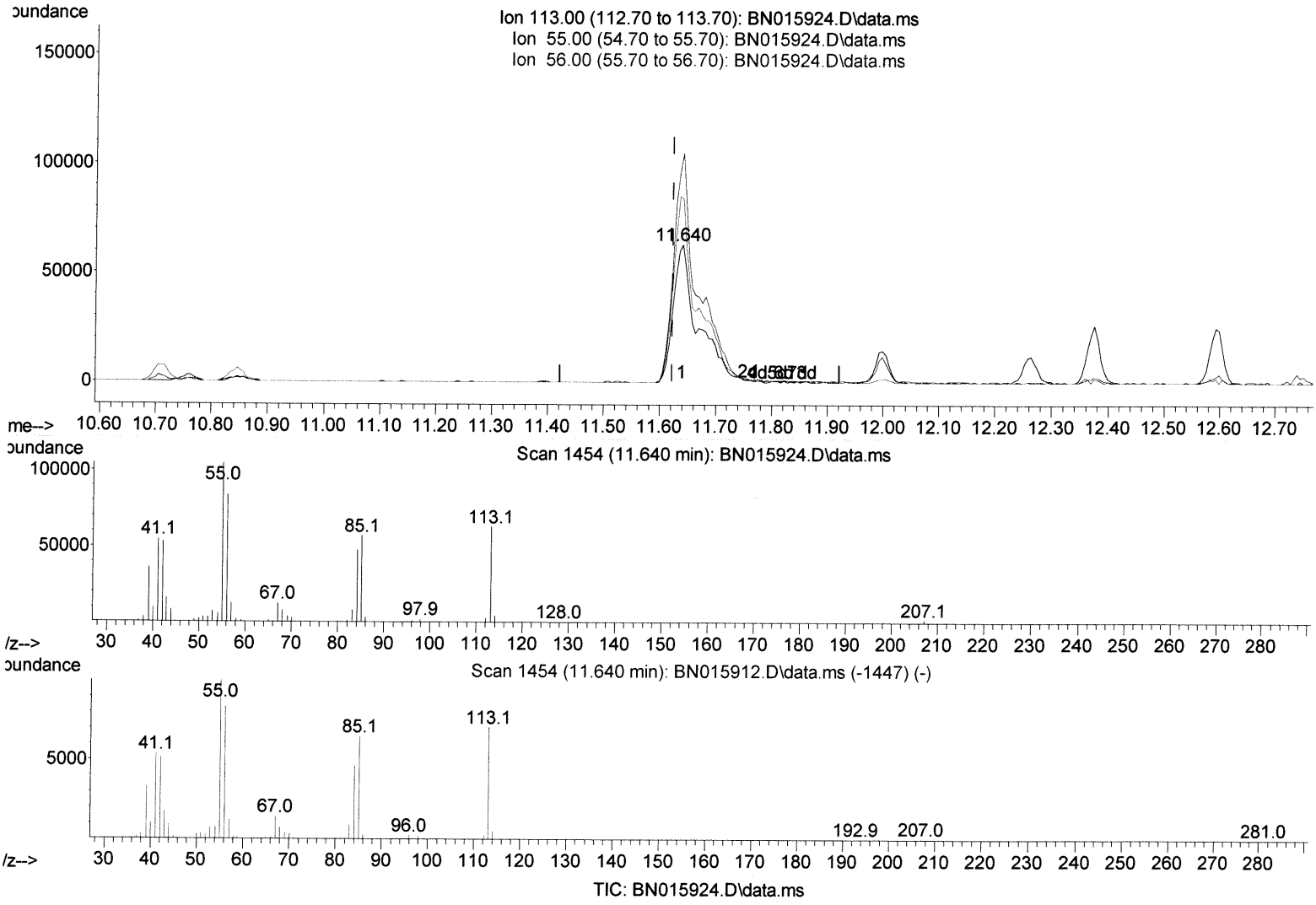

(34) Caprolactam

11.640min (+ 0.018) 39.40 ng/ul m JU 8/19/21

response 193590

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	166.38
56.00	127.80	133.43
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	7.899	152	257783	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1066955	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	694157	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1417348	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1392853	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1354872	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	40305	6.090	ng/uL	0.00
4) Pyridine-d5	3.740	84	571674	30.909	ng/ul	0.00
7) Phenol-d5	7.063	99	795109	34.099	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	459497	32.005	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	603961	36.400	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	606669	33.451	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	287368	36.594	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	319072	43.414	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	584589	36.757	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	749084	30.942	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1822524	35.825	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	2196866	34.482	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	317839	35.324	ng/ul	0.01
60) Fluorene-d10	15.539	176	1513152	34.099	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	274949	36.324	ng/ul	0.00
73) Anthracene-d10	17.398	188	2359097	35.511	ng/ul	0.00
81) Pyrene-d10	19.692	212	2685393	35.794	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2608750	35.611	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	82774	12.167	ng/uL	93
5) Pyridine	3.764	79	605075	31.731	ng/ul	97
6) Benzaldehyde	7.040	77	487922m	40.668	ng/ul	97
8) Phenol	7.087	94	855283	35.980	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.322	93	646282	34.704	ng/ul	97
12) 2-Chlorophenol	7.463	128	653524	38.319	ng/ul	99
13) 2-Methylphenol	8.346	108	622349	35.742	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.434	45	801143	33.686	ng/ul	98
16) Acetophenone	8.728	105	1026026	35.057	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.716	70	538962	37.711	ng/ul	98
18) 4-Methylphenol	8.675	108	663865	35.623	ng/ul	92
19) Hexachloroethane	8.987	117	285148	36.818	ng/ul	92
22) Nitrobenzene	9.110	77	811942	36.565	ng/ul	97
23) Isophorone	9.634	82	1427336	36.947	ng/ul	99
25) 2-Nitrophenol	9.822	139	351156	43.813	ng/ul	97
26) 2,4-Dimethylphenol	9.881	107	769503	35.945	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.122	93	854886	36.028	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	613244	39.108	ng/ul	98
30) Naphthalene	10.763	128	2029344	35.513	ng/ul	99
32) 4-Chloroaniline	10.869	127	783590	32.785	ng/ul	98
33) Hexachlorobutadiene	11.051	225	451165	37.446	ng/ul	96
34) Caprolactam	11.640	113	193590m	39.403	ng/ul	97
35) 4-Chloro-3-methylphenol	11.998	107	740639	39.875	ng/ul	99

JU 8/19/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	1434792	36.106	ng/ul	99
37) 1-Methylnaphthalene	12.593	142	1394767	35.262	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.745	216	800073	35.628	ng/ul	97
40) Hexachlorocyclopentadiene	12.722	237	452959	31.112	ng/ul	97
41) 2,4,6-Trichlorophenol	12.981	196	515651	41.994	ng/ul	96
42) 2,4,5-Trichlorophenol	13.051	196	547786	40.861	ng/ul	98
43) 1,1'-Biphenyl	13.387	154	1851162	34.487	ng/ul	95
44) 2-Chloronaphthalene	13.428	162	1441838	34.788	ng/ul	96
45) 2-Nitroaniline	13.628	65	483732	41.189	ng/ul	98
47) Dimethylphthalate	14.004	163	1864674	36.975	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	379706	41.576	ng/ul	88
50) Acenaphthylene	14.275	152	2148424	35.474	ng/ul	99
51) 3-Nitroaniline	14.451	138	359906	36.652	ng/ul	97
52) Acenaphthene	14.616	153	1535384	35.050	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	183623	36.185	ng/ul	96
55) 4-Nitrophenol	14.757	109	337032	38.280	ng/ul	93
56) Dibenzofuran	14.945	168	2178358	35.968	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	552991	42.039	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.175	232	479539	43.229	ng/ul	98
59) Diethylphthalate	15.375	149	1947830	38.626	ng/ul	100
61) Fluorene	15.598	166	1805129	36.525	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	940941	36.511	ng/ul	96
63) 4-Nitroaniline	15.616	138	398659	42.371	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.675	198	288612	38.336	ng/ul	97
67) N-Nitrosodiphenylamine	15.804	169	1554033	37.565	ng/ul	99
68) 4-Bromophenyl-phenylether	16.492	248	572260	37.625	ng/ul	96
69) Hexachlorobenzene	16.604	284	686358	38.617	ng/ul	95
70) Atrazine	16.757	200	606192	40.399	ng/ul	99
71) Pentachlorophenol	16.945	266	382947	38.406	ng/ul	96
72) Phenanthrene	17.339	178	2908966	37.754	ng/ul	99
74) Anthracene	17.433	178	2898793	36.850	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	804216	36.023	ng/uL	97
76) Pentachlorobenzene	14.869	250	772706	35.557	ng/uL	97
77) Carbazole	17.704	167	2584897	37.374	ng/ul	99
78) Di-n-butylphthalate	18.269	149	3235050	41.138	ng/ul	100
80) Fluoranthene	19.357	202	3428439	37.770	ng/ul	99
82) Pyrene	19.722	202	3449226	36.510	ng/ul	97
83) Butylbenzylphthalate	20.622	149	1411431	44.428	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.404	252	1031160	36.153	ng/ul	97
85) Benzo(a)anthracene	21.469	228	3405012	37.995	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	2062973	40.945	ng/ul	95
87) Chrysene	21.521	228	3197237	36.849	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	3467135	40.432	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	3540601	39.748	ng/ul	98
91) Benzo(k)fluoranthene	23.221	252	3203714	36.123	ng/ul	98
93) Benzo(a)pyrene	23.804	252	3036683	37.661	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.433	276	3817809	38.186	ng/ul	100
95) Dibenzo(a,h)anthracene	26.451	278	3214703	38.948	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	3043272	36.815	ng/ul	99

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