Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN015991.D
Acq On : 20 Aug 2021 18:22
Operator : CG/JU
Sample : PB138604BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 20 23:25:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS604

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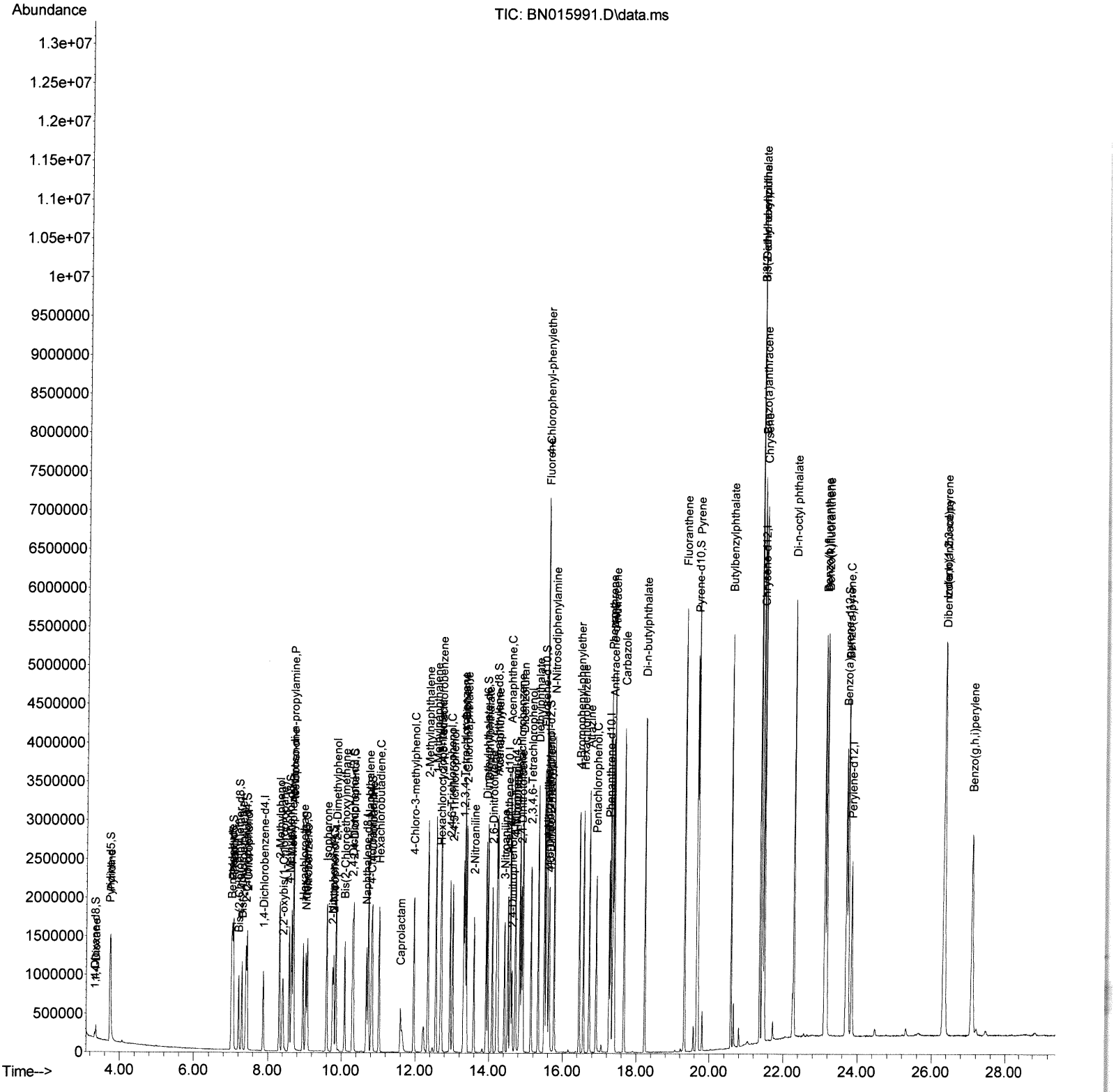

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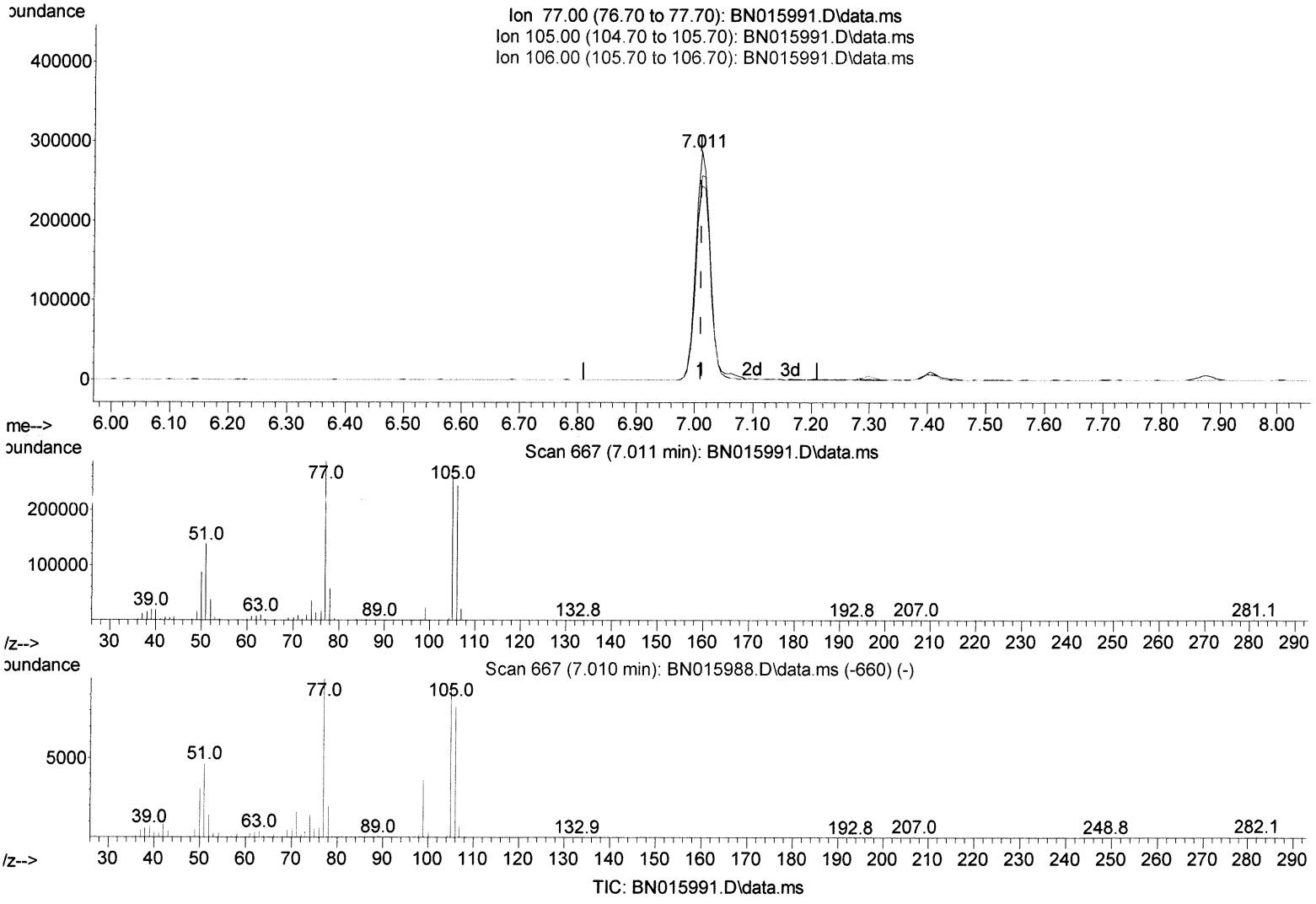

(6) Benzaldehyde

7.011min (+ 0.000) 39.68 ng/ul

response 487102

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	89.17
106.00	87.90	84.82
0.00	0.00	0.00

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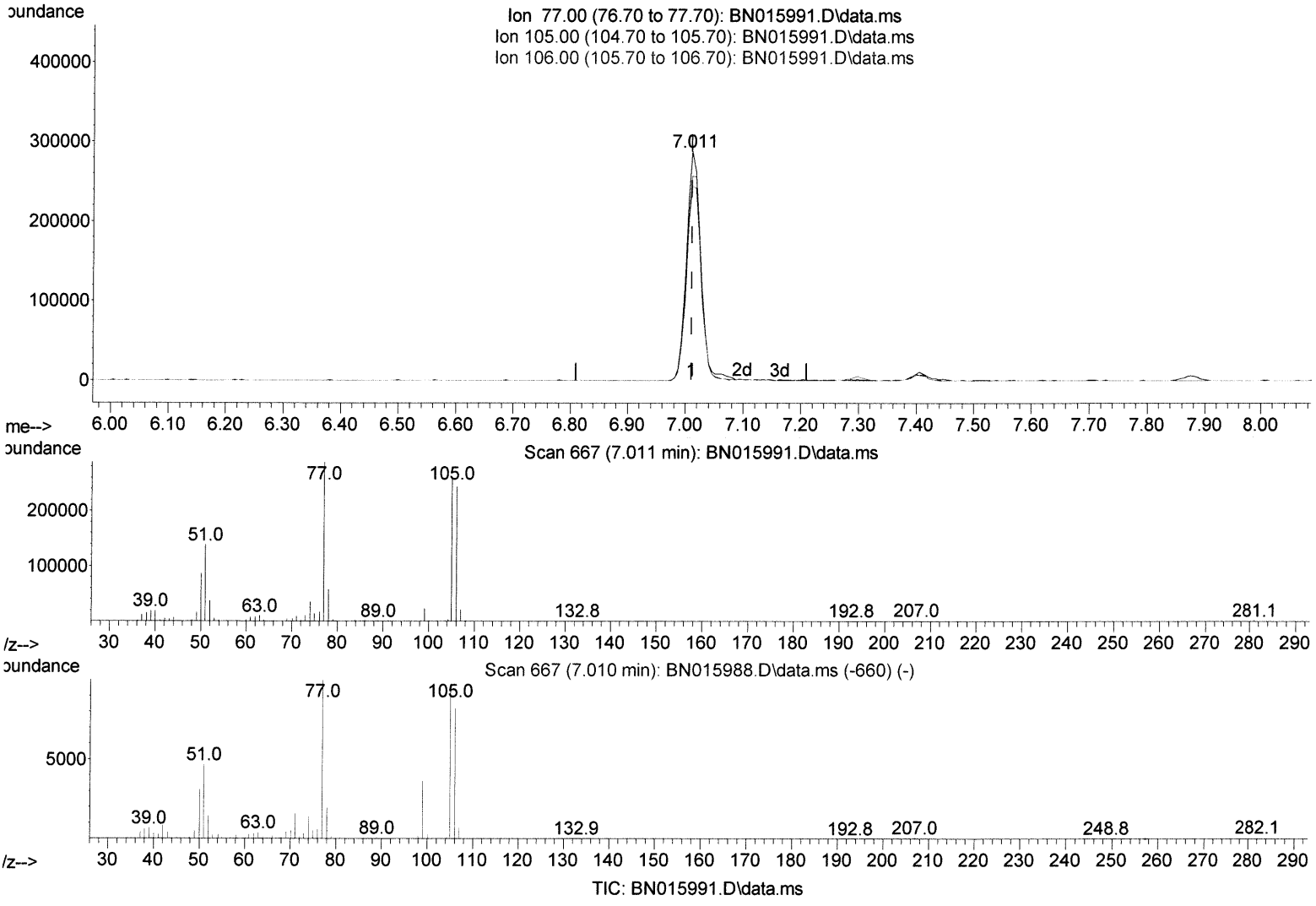

(6) Benzaldehyde

7.011min (+ 0.000) 40.34 ng/ul m JU 8/24/21

response 495203

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	89.17
106.00	87.90	84.82
0.00	0.00	0.00

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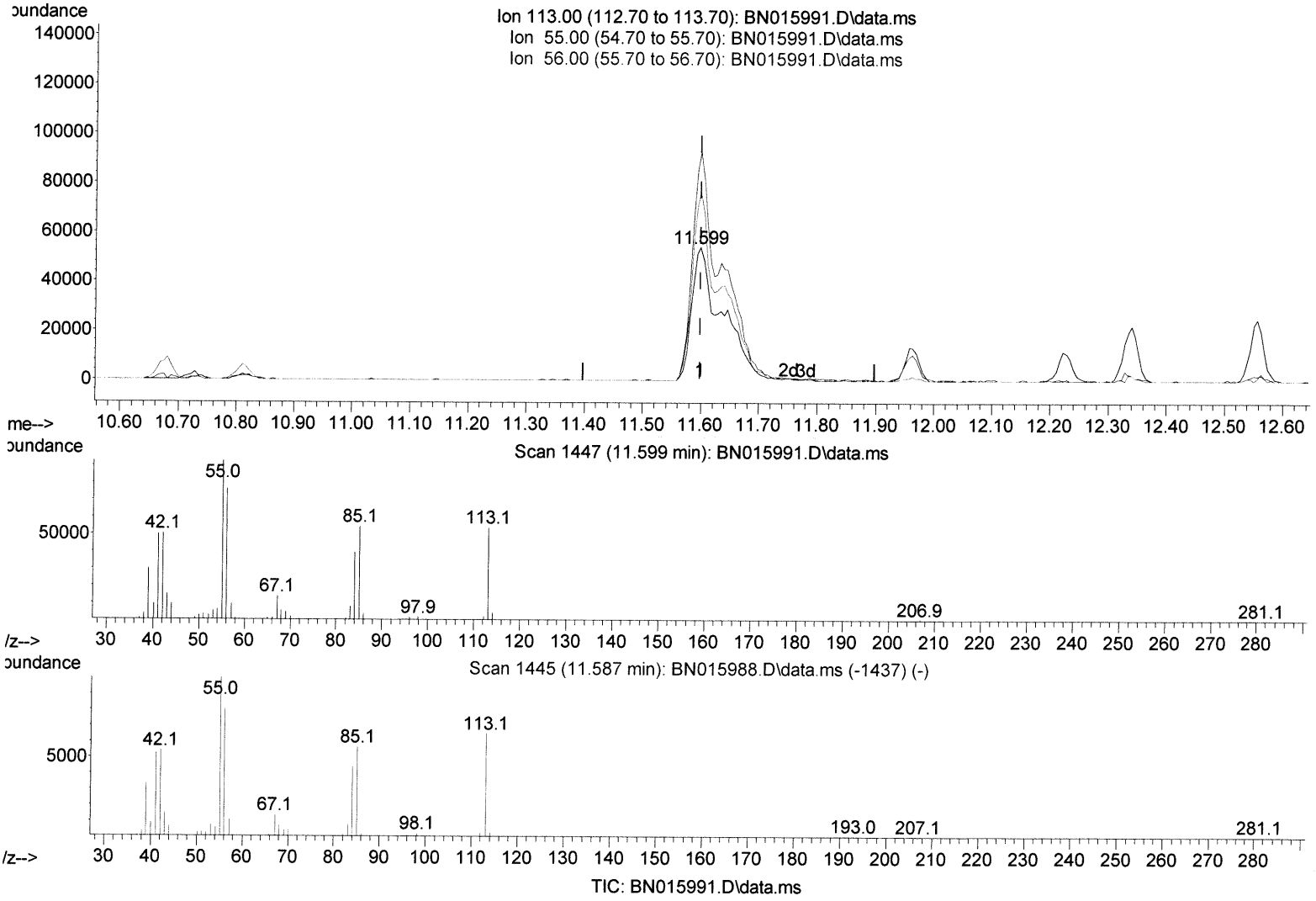

TIC: BN015991.D\data.ms

(34) Caprolactam

11.599min (+ 0.000) 23.26 ng/ul

response 116316

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	171.59
56.00	127.80	141.66
0.00	0.00	0.00

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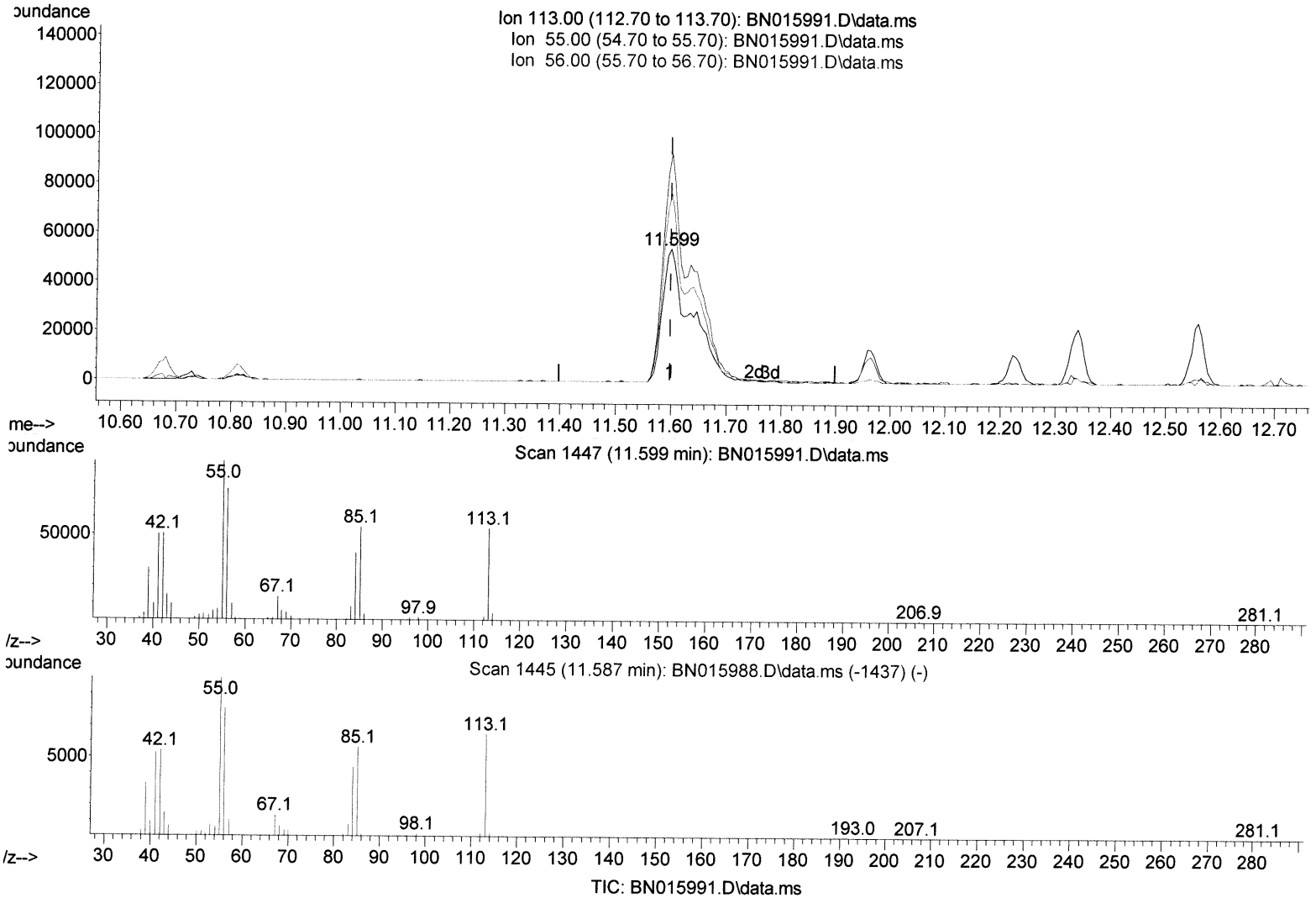

(34) Caprolactam

11.599min (+ 0.000) 39.65 ng/ul m JU 8/24/21

response 198269

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	171.59
56.00	127.80	141.66
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	263768	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1085851	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	699565	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1489912	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1578440	20.000	ng/ul	0.00
88) Perylene-d12	23.845	264	1654794	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	42172	6.228	ng/uL	0.00
4) Pyridine-d5	3.728	84	593051	31.337	ng/ul	0.00
7) Phenol-d5	7.034	99	759190	31.819	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	443602	30.197	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	564677	33.260	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	596129	32.124	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	280438	35.090	ng/ul	0.00
24) 2-Nitrophenol-d4	9.758	143	298126	39.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	559683	34.578	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	719826	29.216	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1720112	33.551	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	2089825	32.548	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	309909	34.177	ng/ul	0.00
60) Fluorene-d10	15.504	176	1439548	32.189	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	284128	35.708	ng/ul	0.00
73) Anthracene-d10	17.357	188	2279885	32.647	ng/ul	0.00
81) Pyrene-d10	19.651	212	2657677	31.260	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	2864984	32.021	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	92098	13.231	ng/uL	91
5) Pyridine	3.746	79	632627	32.423	ng/ul	98
6) Benzaldehyde	7.011	77	495203m	40.338	ng/ul	> >JU 8/24/21
8) Phenol	7.064	94	859368	35.332	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.299	93	647021	33.955	ng/ul	96
12) 2-Chlorophenol	7.440	128	628619	36.023	ng/ul	99
13) 2-Methylphenol	8.316	108	622399	34.933	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.405	45	802170	32.964	ng/ul	98
16) Acetophenone	8.699	105	1032548	34.479	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.687	70	533448	36.478	ng/ul	100
18) 4-Methylphenol	8.646	108	666020	34.928	ng/ul	97
19) Hexachloroethane	8.958	117	285053	35.971	ng/ul	95
22) Nitrobenzene	9.075	77	812983	35.975	ng/ul	99
23) Isophorone	9.605	82	1425007	36.245	ng/ul	99
25) 2-Nitrophenol	9.787	139	348948	42.780	ng/ul	97
26) 2,4-Dimethylphenol	9.852	107	758825	34.829	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.087	93	832355	34.468	ng/ul	98
29) 2,4-Dichlorophenol	10.322	162	587954	36.843	ng/ul	96
30) Naphthalene	10.728	128	1970685	33.886	ng/ul	99
32) 4-Chloroaniline	10.834	127	780890	32.103	ng/ul	97
33) Hexachlorobutadiene	11.016	225	415486	33.884	ng/ul	98
34) Caprolactam	11.599	113	198269m	39.654	ng/ul	> >JU 8/24/21
35) 4-Chloro-3-methylphenol	11.963	107	721571	38.173	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	1411607	34.905	ng/ul	94
37) 1-Methylnaphthalene	12.557	142	1332091	33.092	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.704	216	773586	34.182	ng/ul	94
40) Hexachlorocyclopentadiene	12.687	237	477887	32.570	ng/ul	99
41) 2,4,6-Trichlorophenol	12.946	196	481468	38.907	ng/ul	92
42) 2,4,5-Trichlorophenol	13.016	196	528848	39.143	ng/ul	99
43) 1,1'-Biphenyl	13.346	154	1767357	32.672	ng/ul	96
44) 2-Chloronaphthalene	13.387	162	1412738	33.822	ng/ul	95
45) 2-Nitroaniline	13.593	65	489632	41.369	ng/ul	99
47) Dimethylphthalate	13.969	163	1822980	35.869	ng/ul	100
48) 2,6-Dinitrotoluene	14.087	165	367595	39.939	ng/ul	94
50) Acenaphthylene	14.234	152	2106561	34.514	ng/ul	99
51) 3-Nitroaniline	14.416	138	354309	35.803	ng/ul	92
52) Acenaphthene	14.575	153	1488571	33.718	ng/ul	98
53) 2,4-Dinitrophenol	14.622	184	198591	38.832	ng/ul	93
55) 4-Nitrophenol	14.722	109	339831	38.300	ng/ul	96
56) Dibenzofuran	14.910	168	2113529	34.628	ng/ul	100
57) 2,4-Dinitrotoluene	14.875	165	556685	41.992	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.134	232	448506	40.119	ng/ul	97
59) Diethylphthalate	15.334	149	1873897	36.873	ng/ul	100
61) Fluorene	15.563	166	1765469	35.447	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	907964	34.959	ng/ul	94
63) 4-Nitroaniline	15.581	138	392056	41.347	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.640	198	299865	37.891	ng/ul	98
67) N-Nitrosodiphenylamine	15.769	169	1496604	34.415	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	564526	35.309	ng/ul	99
69) Hexachlorobenzene	16.569	284	668932	35.803	ng/ul	93
70) Atrazine	16.722	200	595855	37.776	ng/ul	96
71) Pentachlorophenol	16.910	266	370337	35.332	ng/ul	98
72) Phenanthrene	17.304	178	2872401	35.463	ng/ul	98
74) Anthracene	17.392	178	2877358	34.796	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	766005	32.640	ng/uL	96
76) Pentachlorobenzene	14.834	250	742851	32.519	ng/uL	98
77) Carbazole	17.663	167	2581803	35.511	ng/ul	98
78) Di-n-butylphthalate	18.234	149	3106644	37.581	ng/ul	99
80) Fluoranthene	19.316	202	3502580	34.050	ng/ul	98
82) Pyrene	19.681	202	3628196	33.889	ng/ul	98
83) Butylbenzylphthalate	20.581	149	1452865	40.355	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.363	252	1193894	36.937	ng/ul	99
85) Benzo(a)anthracene	21.433	228	3508165	34.543	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.363	149	2143463	37.540	ng/ul	95
87) Chrysene	21.486	228	3484858	35.441	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	3792280	36.209	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	3946093	36.271	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	3678296	33.958	ng/ul	96
93) Benzo(a)pyrene	23.745	252	3429829	34.827	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.345	276	4503065	36.877	ng/ul	97
95) Dibenzo(a,h)anthracene	26.357	278	3727051	36.971	ng/ul	98
96) Benzo(g,h,i)perylene	27.104	276	3649483	36.147	ng/ul	98

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