Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017090.D
Acq On : 26 Oct 2021 14:14
Operator : CG/JU
Sample : SSTD08033
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 14:44:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN102621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 13:33:19 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD080233

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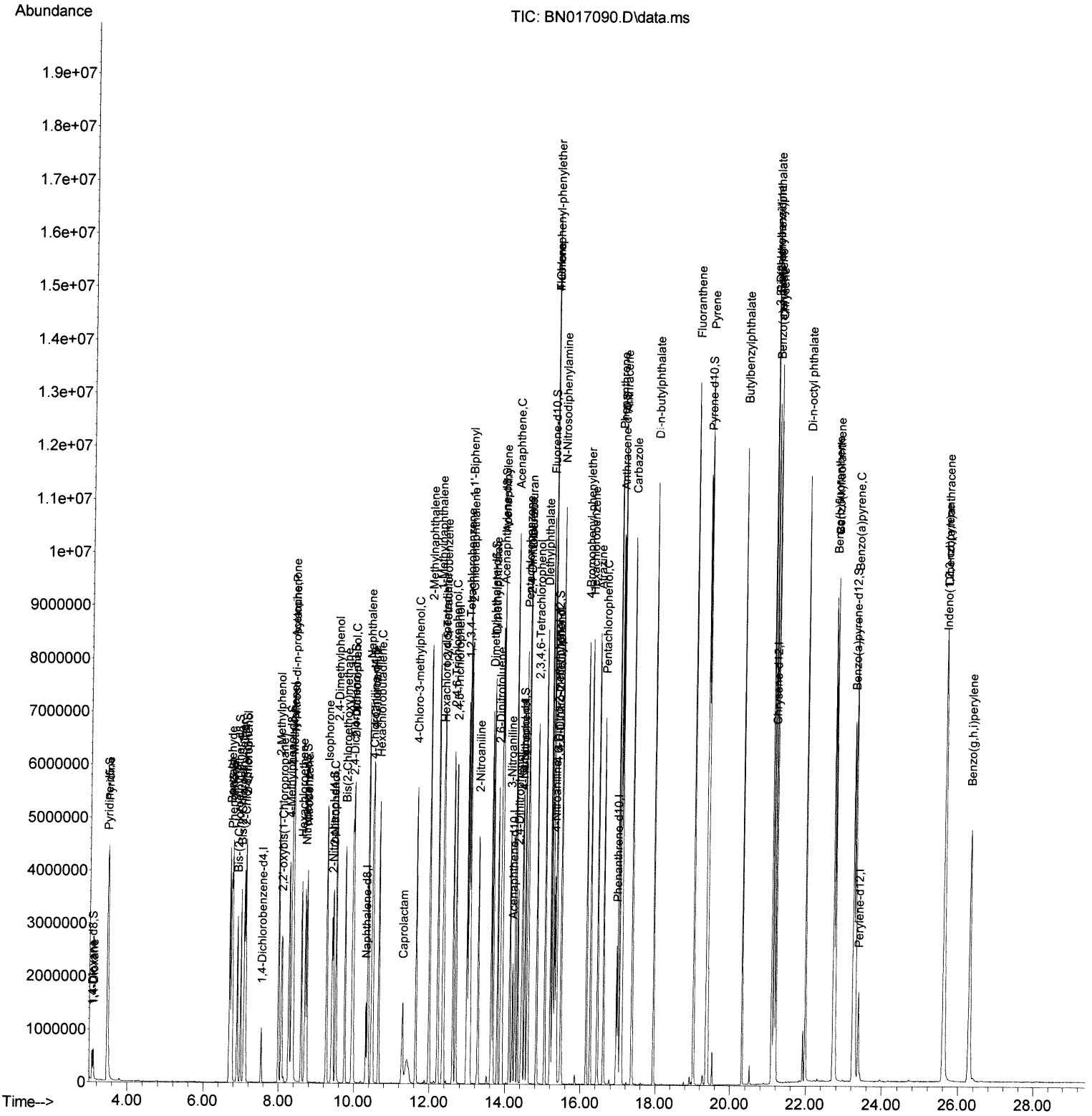

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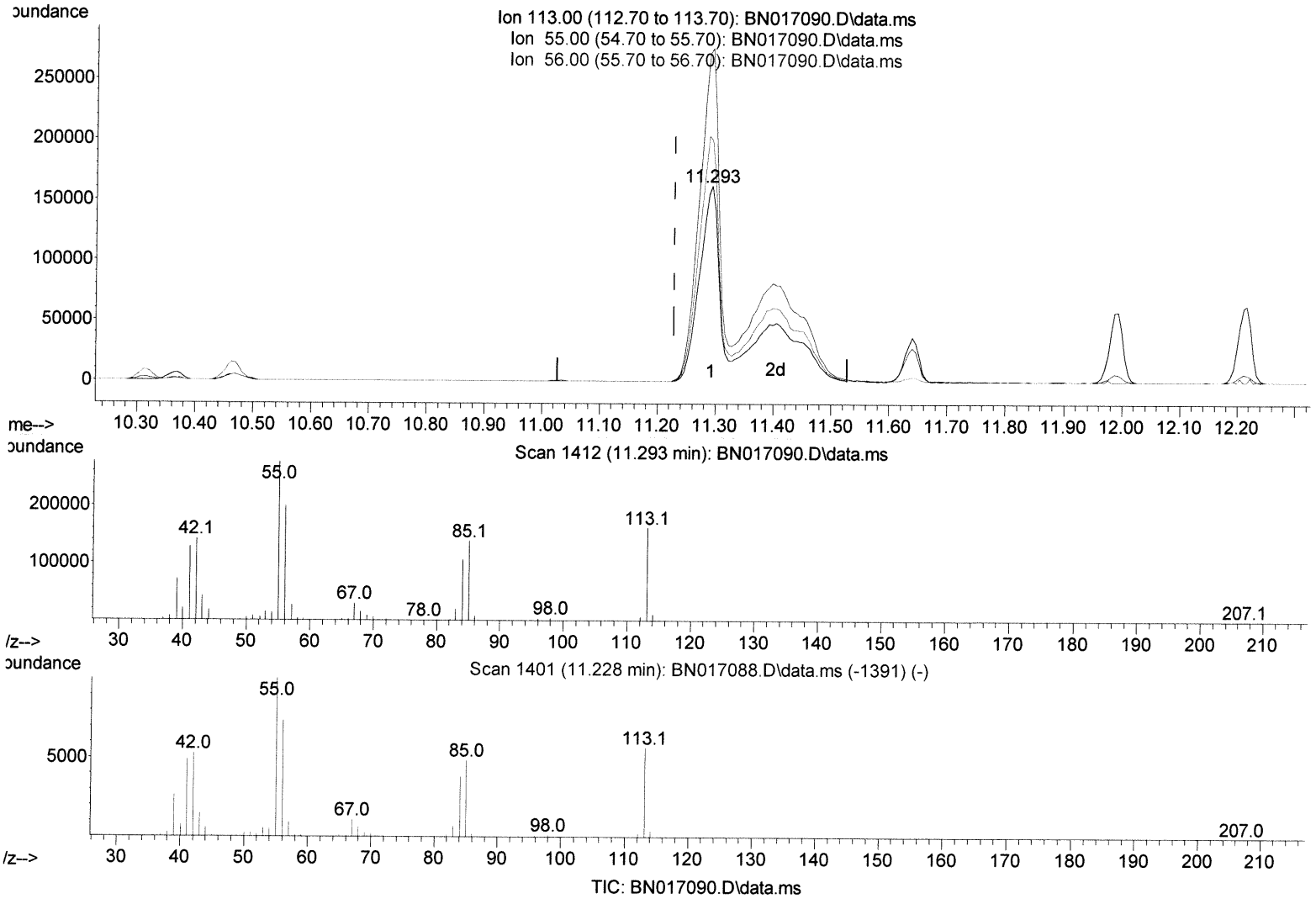

(34) Caprolactam

11.293min (+ 0.065) 48.21 ng/ul

response 381043

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	170.45
56.00	129.90	123.42
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
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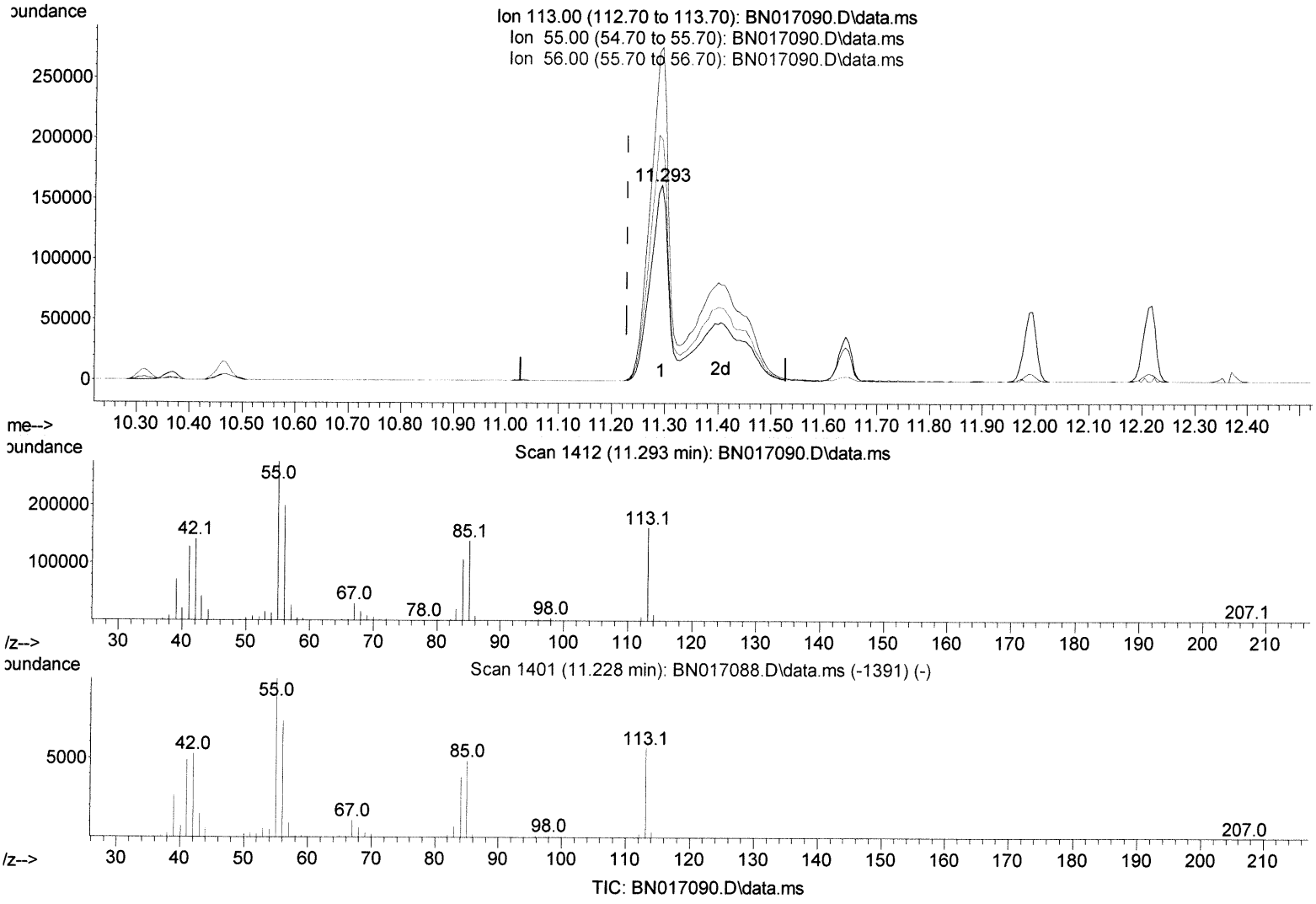

(34) Caprolactam

11.293min (+ 0.065) 87.21 ng/ul m 10/29/21 JU

response 689264

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	170.45
56.00	129.90	123.42
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017090.D
Acq On : 26 Oct 2021 14:14
Operator : CG/JU
Sample : SSTD08033
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 26 14:44:32 2021
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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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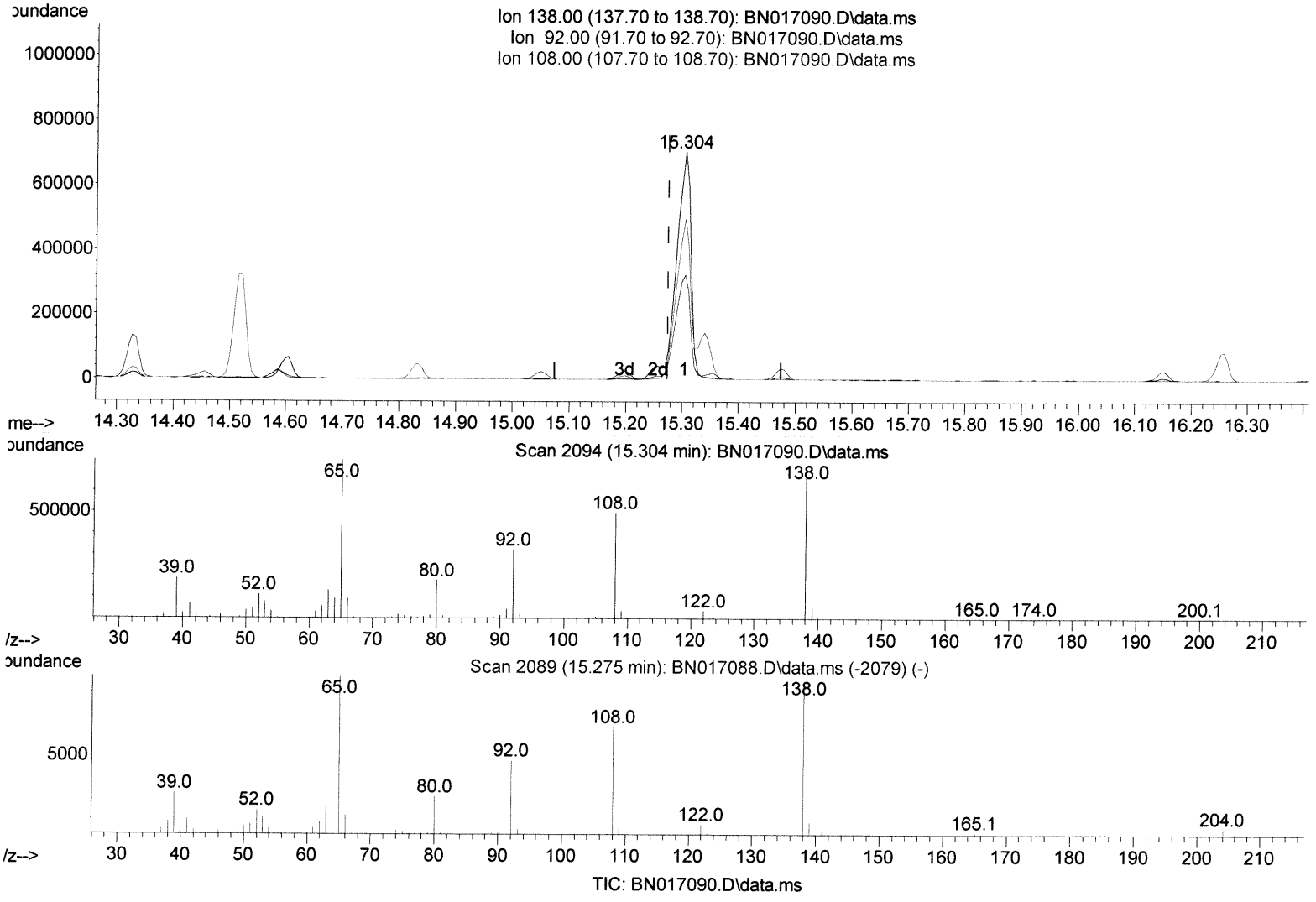

(63) 4-Nitroaniline

15.304min (+ 0.029) 80.84 ng/ul

response 1227617

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.70	45.93
108.00	70.90	70.51
0.00	0.00	0.00

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Operator : CG/JU
Sample : SSTD08033
Misc :
ALS Vial : 6 Sample Multiplier: 1

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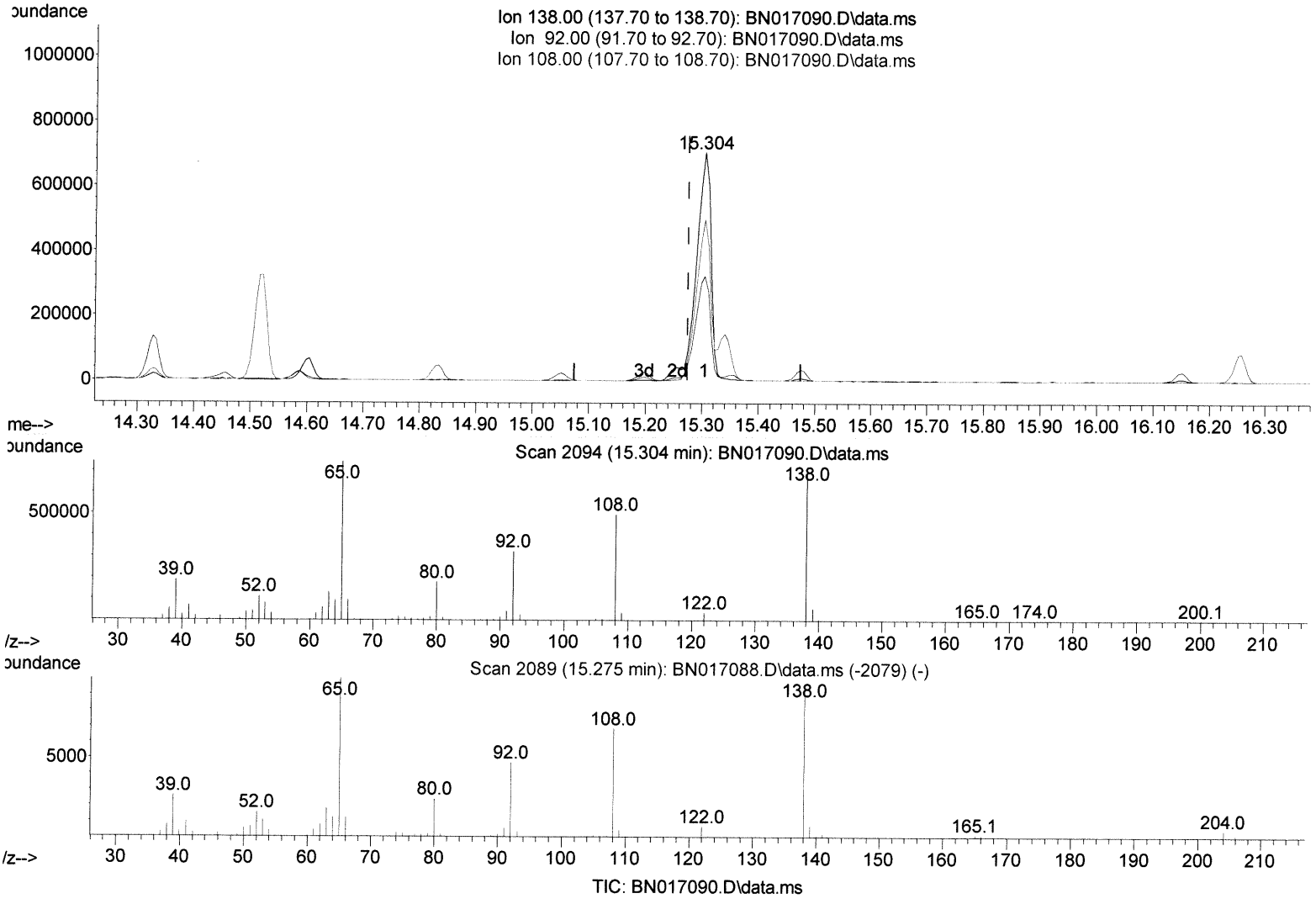

(63) 4-Nitroaniline

15.304min (+ 0.029) 84.91 ng/ul m 10/29/21 JU

response 1289454

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.70	45.93
108.00	70.90	70.51
0.00	0.00	0.00

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Sample : SSTD08033
Misc :
ALS Vial : 6 Sample Multiplier: 1

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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	7.540	152	274947	20.000	ng/ul	0.00
20) Naphthalene-d8	10.316	136	1254635	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.192	164	786871	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	1588492	20.000	ng/ul	0.00
79) Chrysene-d12	21.163	240	1165332	20.000	ng/ul	0.00
88) Perylene-d12	23.374	264	1042663	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	271709	36.197	ng/uL	0.00
4) Pyridine-d5	3.464	84	1906221	91.480	ng/ul	0.00
7) Phenol-d5	6.734	99	2440167	90.152	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.893	67	1393615	86.545	ng/ul	0.00
11) 2-Chlorophenol-d4	7.081	132	1939619	94.484	ng/ul	0.01
15) 4-Methylphenol-d8	8.269	113	1961688	86.783	ng/ul	0.02
21) Nitrobenzene-d5	8.699	128	983486	99.220	ng/ul	0.01
24) 2-Nitrophenol-d4	9.416	143	1125424	103.692	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.951	165	1885299	94.606	ng/ul	0.01
31) 4-Chloroaniline-d4	10.469	131	2673965	85.852	ng/ul	0.01
46) Dimethylphthalate-d6	13.628	166	5288866	83.280	ng/ul	0.01
49) Acenaphthylene-d8	13.887	160	6612383	83.855	ng/ul	0.00
54) 4-Nitrophenol-d4	14.439	143	1108920	86.134	ng/ul	0.03
60) Fluorene-d10	15.198	176	4295981	79.319	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.339	200	1019161	95.686	ng/ul	0.02
73) Anthracene-d10	17.051	188	6538011	79.434	ng/ul	0.00
81) Pyrene-d10	19.357	212	6797345	101.612	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.245	264	5190842	86.093	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	270936	34.216	ng/uL	99
5) Pyridine	3.481	79	1897114	88.436	ng/ul	99
6) Benzaldehyde	6.693	77	1462046	84.725	ng/ul	97
8) Phenol	6.763	94	2413113	87.425	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.987	93	1863364	85.080	ng/ul	99
12) 2-Chlorophenol	7.110	128	1957737	92.069	ng/ul	99
13) 2-Methylphenol	7.993	108	1853613	87.934	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.081	45	2710782	93.711	ng/ul	100
16) Acetophenone	8.369	105	2741356	79.570	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.381	70	1404514	79.929	ng/ul	95
18) 4-Methylphenol	8.340	108	2005111	84.737	ng/ul	100
19) Hexachloroethane	8.599	117	740615	89.414	ng/ul	98
22) Nitrobenzene	8.740	77	2078911	90.109	ng/ul	98
23) Isophorone	9.269	82	4212562	88.371	ng/ul	99
25) 2-Nitrophenol	9.446	139	1169299	98.386	ng/ul	98
26) 2,4-Dimethylphenol	9.522	107	2165526	89.330	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.757	93	2561614	85.506	ng/ul	99
29) 2,4-Dichlorophenol	9.975	162	1832962	92.401	ng/ul	96
30) Naphthalene	10.369	128	5979025	84.204	ng/ul	99
32) 4-Chloroaniline	10.493	127	2594602	82.534	ng/ul	99
33) Hexachlorobutadiene	10.651	225	1083938	89.392	ng/ul	97
34) Caprolactam	11.293	113	689264m	> 87.208	ng/ul	> 10/29/21 JU
35) 4-Chloro-3-methylphenol	11.640	107	2048674	88.373	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.993	142	4072266	82.938	ng/ul	98
37) 1-Methylnaphthalene	12.216	142	4142940	81.220	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.369	216	2060121	86.954	ng/ul	99
40) Hexachlorocyclopentadiene	12.345	237	1433570	94.845	ng/ul	99
41) 2,4,6-Trichlorophenol	12.616	196	1459532	93.513	ng/ul	97
42) 2,4,5-Trichlorophenol	12.687	196	1609224	92.396	ng/ul	98
43) 1,1'-Biphenyl	13.028	154	5291478	82.253	ng/ul	99
44) 2-Chloronaphthalene	13.063	162	4113090	84.307	ng/ul	98
45) 2-Nitroaniline	13.281	65	1323308	100.074	ng/ul	97
47) Dimethylphthalate	13.675	163	5133961	80.622	ng/ul	99
48) 2,6-Dinitrotoluene	13.798	165	1186409	99.151	ng/ul	99
50) Acenaphthylene	13.916	152	6503828	79.360	ng/ul	97
51) 3-Nitroaniline	14.122	138	1309068	89.466	ng/ul	98
52) Acenaphthene	14.263	153	4213003	79.214	ng/ul	98
53) 2,4-Dinitrophenol	14.328	184	783077	99.187	ng/ul	97
55) 4-Nitrophenol	14.457	109	770212	83.310	ng/ul	97
56) Dibenzofuran	14.604	168	5845595	76.593	ng/ul	98
57) 2,4-Dinitrotoluene	14.587	165	1571634	87.462	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.834	232	1312814	90.077	ng/ul	95
59) Diethylphthalate	15.051	149	5194453	81.535	ng/ul	100
61) Fluorene	15.257	166	4365553	72.233	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.257	204	2155735	73.290	ng/ul	97
63) 4-Nitroaniline	15.304	138	1289454m	84.911	ng/ul	10/29/21 JU
66) 4,6-Dinitro-2-methylph...	15.357	198	984952	91.776	ng/ul#	99
67) N-Nitrosodiphenylamine	15.475	169	4202072	82.889	ng/ul	97
68) 4-Bromophenyl-phenylether	16.151	248	1565801	87.462	ng/ul	96
69) Hexachlorobenzene	16.257	284	1751147	79.421	ng/ul	98
70) Atrazine	16.445	200	1646036	86.648	ng/ul	99
71) Pentachlorophenol	16.604	266	1180617	90.486	ng/ul	98
72) Phenanthrene	16.998	178	7391366	76.846	ng/ul	97
74) Anthracene	17.092	178	7344155	76.035	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.981	216	2206802	94.639	ng/uL	98
76) Pentachlorobenzene	14.522	250	2136885	85.532	ng/uL	97
77) Carbazole	17.363	167	6833300	78.461	ng/ul	99
78) Di-n-butylphthalate	17.945	149	8274721	80.486	ng/ul	98
80) Fluoranthene	19.022	202	8119241	103.842	ng/ul	98
82) Pyrene	19.392	202	7924886	97.056	ng/ul	99
83) Butylbenzylphthalate	20.316	149	3472052	108.160	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.092	252	2540604	84.786	ng/ul	96
85) Benzo(a)anthracene	21.151	228	6844448	82.978	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.104	149	4671049	92.649	ng/ul	100
87) Chrysene	21.204	228	6498354	80.578	ng/ul	99
89) Di-n-octyl phthalate	21.980	149	7581709	100.666	ng/ul	100
90) Benzo(b)fluoranthene	22.715	252	6615577	89.538	ng/ul	100
91) Benzo(k)fluoranthene	22.763	252	5974828	84.721	ng/ul	98
93) Benzo(a)pyrene	23.286	252	6205901	85.900	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.621	276	6834881	79.747	ng/ul	98
95) Dibenzo(a,h)anthracene	25.633	278	5676315	77.158	ng/ul	99
96) Benzo(g,h,i)perylene	26.298	276	5765475	79.901	ng/ul	97

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