Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017089.D
Acq On : 26 Oct 2021 13:37
Operator : CG/JU
Sample : SSTD04032
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 14:07:26 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 :
SSTD040232

Manual Integrations APPROVED
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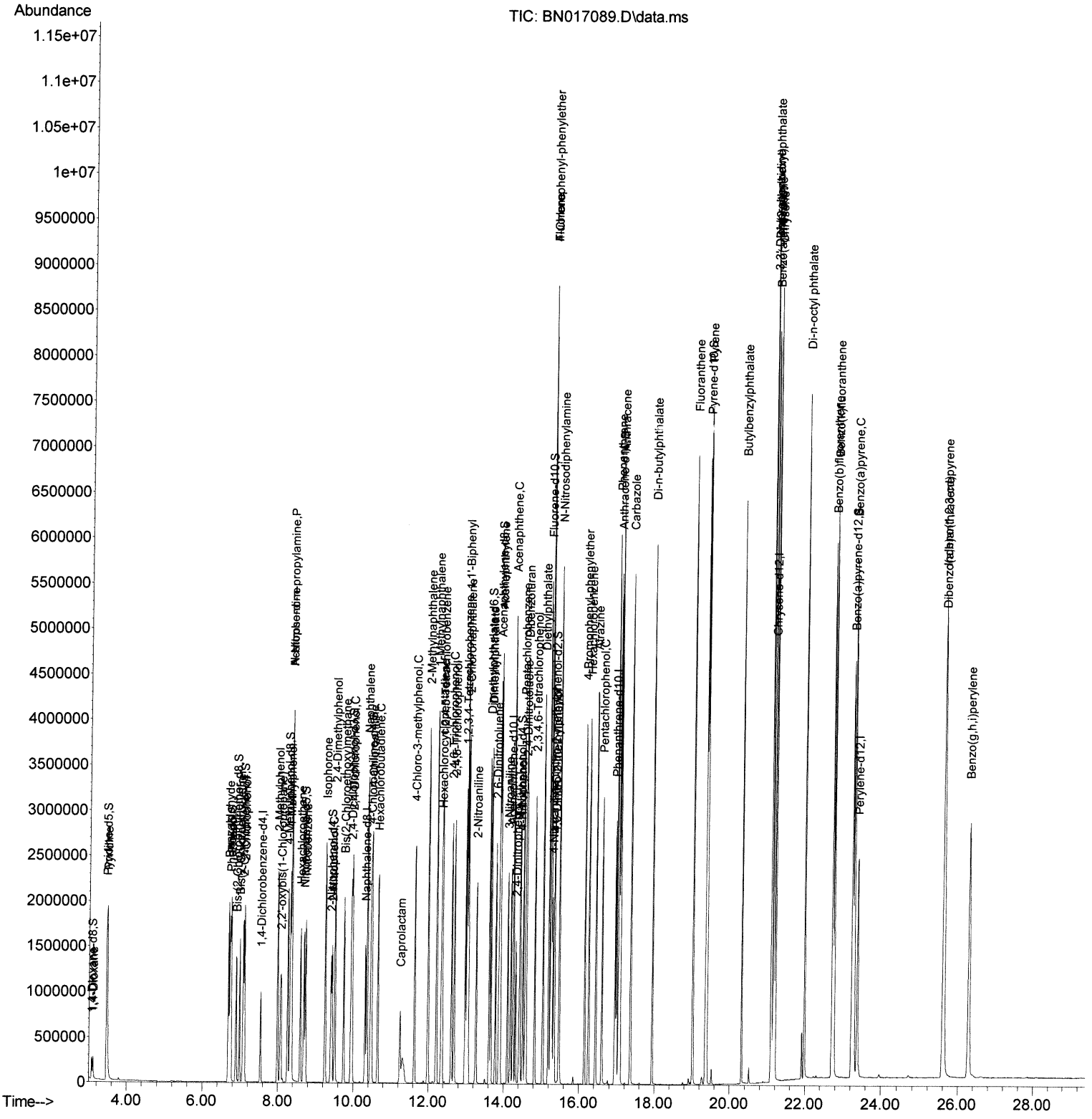

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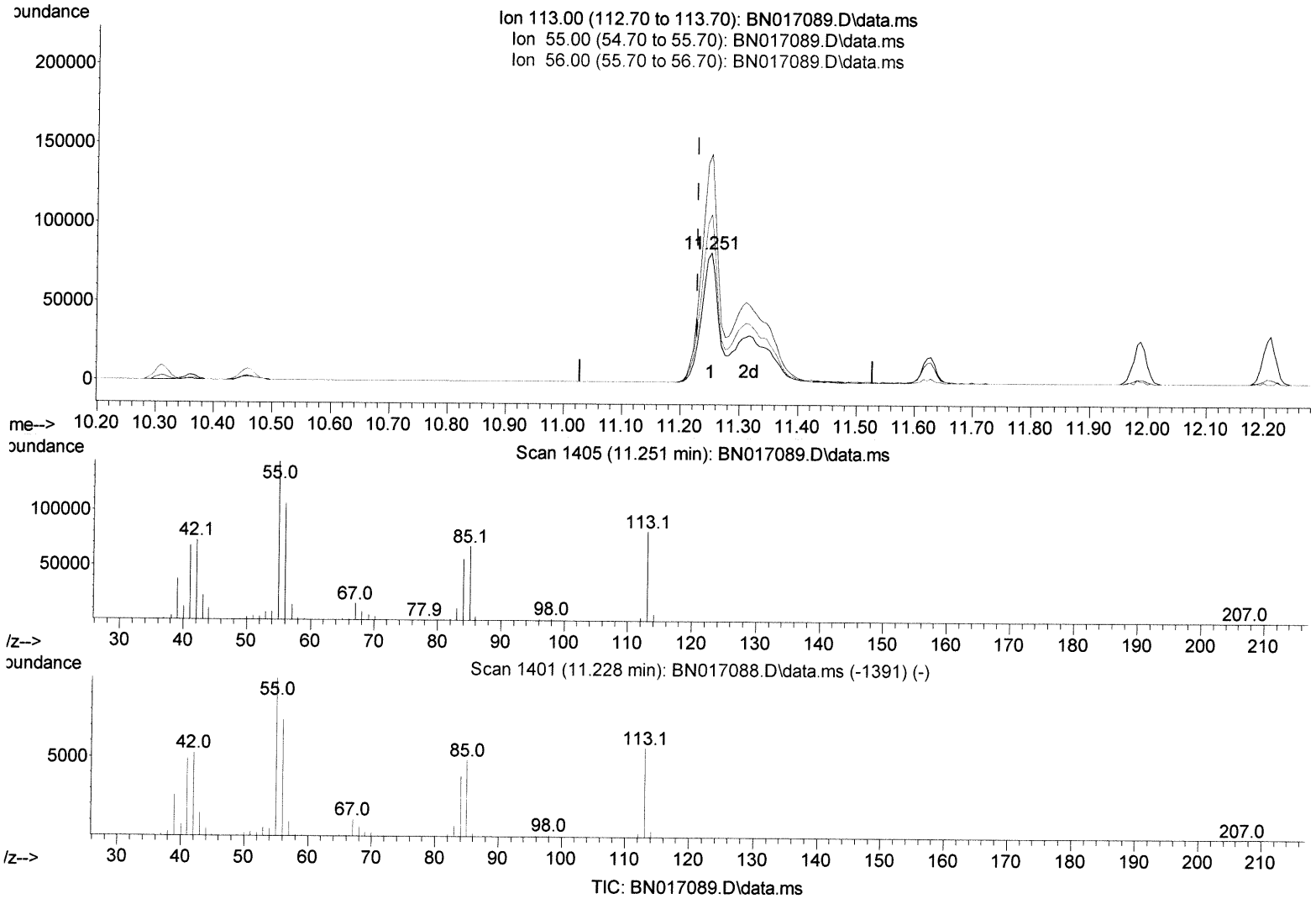

(34) Caprolactam

11.251min (+ 0.023) 21.29 ng/ul

response 164484

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	176.47
56.00	129.90	130.02
0.00	0.00	0.00

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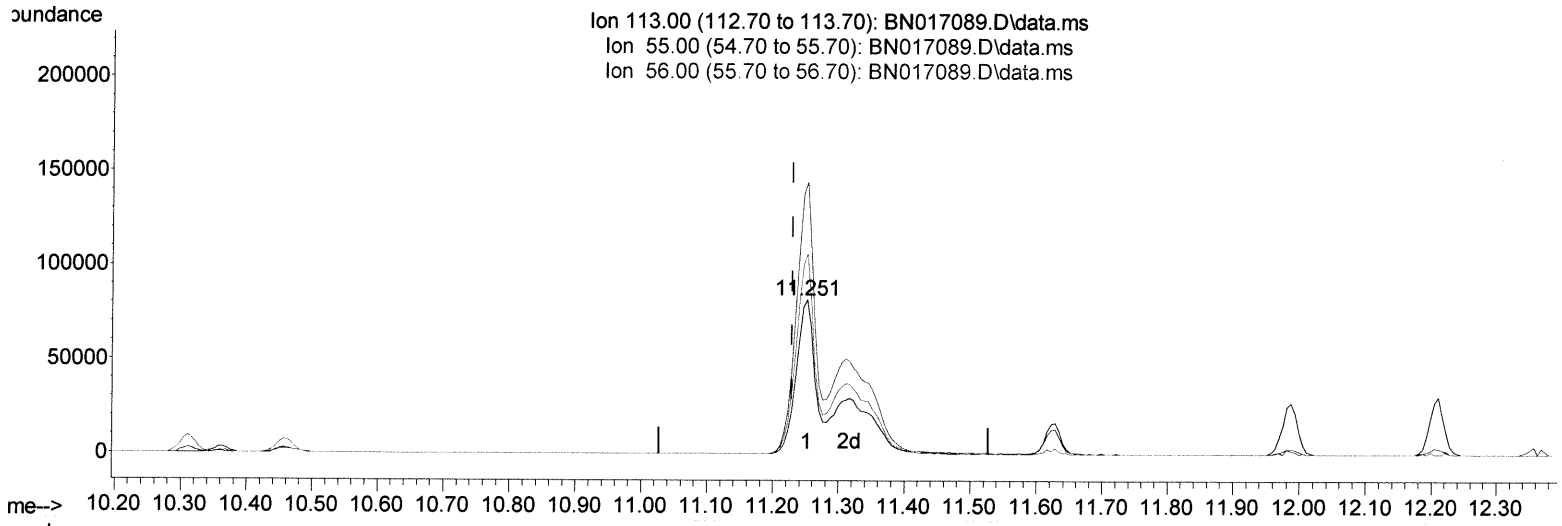

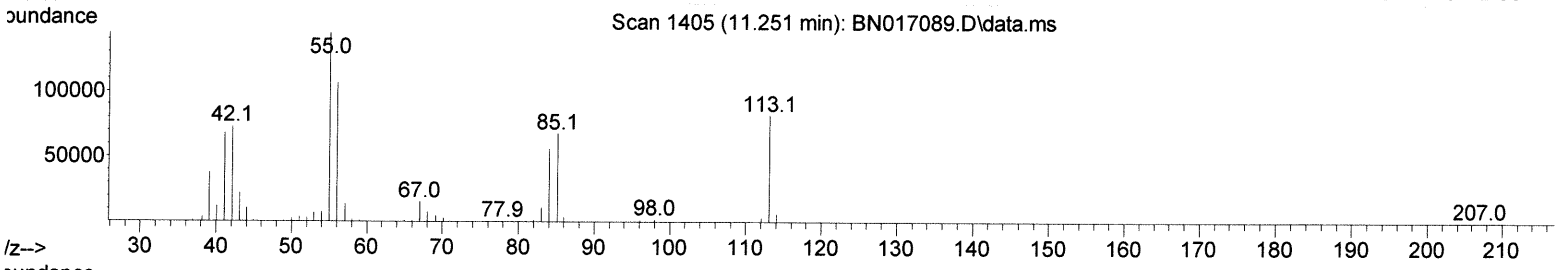

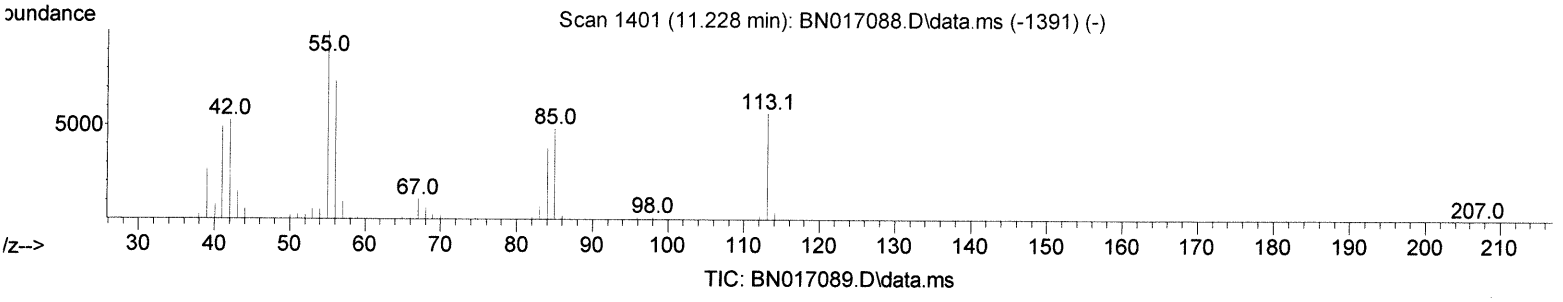

TIC: BN017089.D\data.ms

(34) Caprolactam

11.251min (+ 0.023) 37.09 ng/ul m 10/29/21 JU

response 286626

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	176.47
56.00	129.90	130.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
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Sample : SSTD04032
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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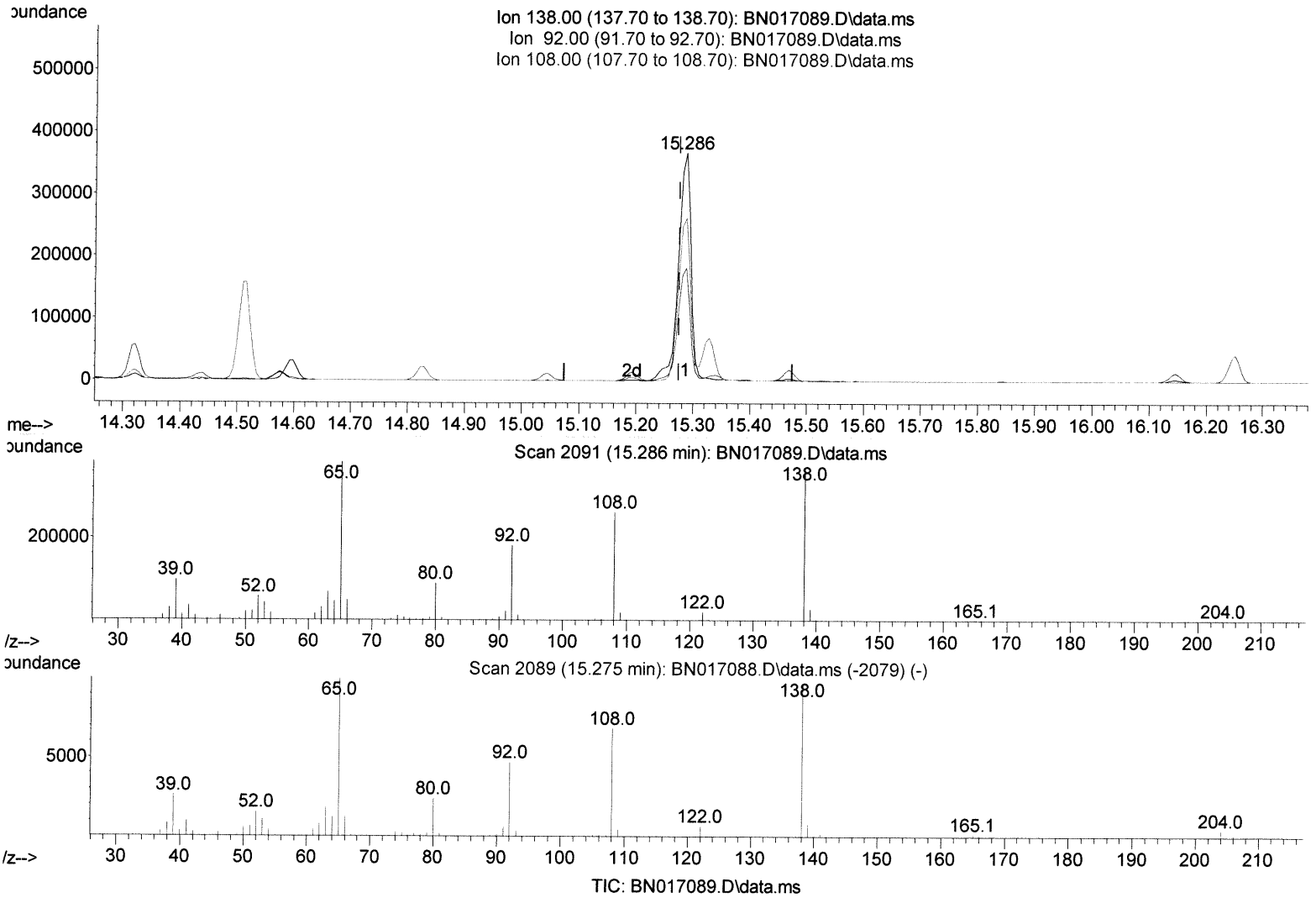

(63) 4-Nitroaniline

15.286min (+ 0.012) 35.63 ng/ul

response 548294

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.70	49.46
108.00	70.90	71.36
0.00	0.00	0.00

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Misc :
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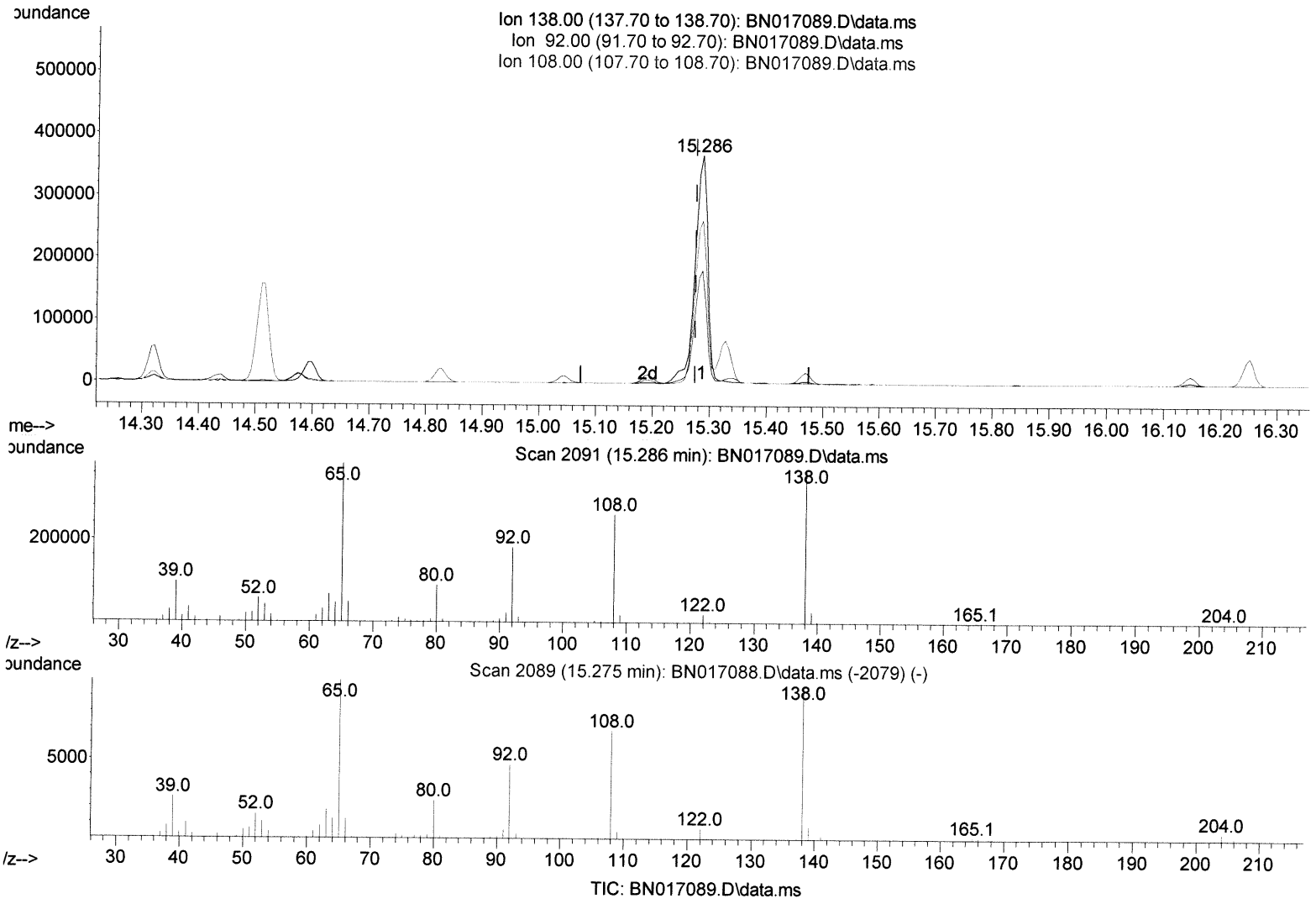

(63) 4-Nitroaniline

15.286min (+ 0.012) 37.42 ng/ul m 10/29/21 JU

response 575833

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.70	49.46
108.00	70.90	71.36
0.00	0.00	0.00

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Sample : SSTD04032
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	266192	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1226594	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.192	164	797453	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1669716	20.000	ng/ul	0.00
79) Chrysene-d12	21.163	240	1548185	20.000	ng/ul	0.00
88) Perylene-d12	23.374	264	1524994	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	116991	16.098	ng/uL	0.00
4) Pyridine-d5	3.464	84	798329	39.572	ng/ul	0.00
7) Phenol-d5	6.728	99	1007229	38.436	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	599460	38.451	ng/ul	0.00
11) 2-Chlorophenol-d4	7.075	132	814109	40.962	ng/ul	0.00
15) 4-Methylphenol-d8	8.257	113	828607	37.862	ng/ul	0.00
21) Nitrobenzene-d5	8.693	128	412593	42.576	ng/ul	0.00
24) 2-Nitrophenol-d4	9.404	143	462172	43.556	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	808895	41.519	ng/ul	0.00
31) 4-Chloroaniline-d4	10.457	131	1188711	39.038	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	2435419	37.840	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	3082277	38.569	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	498208	38.184	ng/ul	0.01
60) Fluorene-d10	15.192	176	2062133	37.569	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	445511	39.793	ng/ul	0.00
73) Anthracene-d10	17.045	188	3201435	37.004	ng/ul	0.00
81) Pyrene-d10	19.357	212	3569634	40.166	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.239	264	3308207	37.514	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	115204	15.027	ng/uL	99
5) Pyridine	3.481	79	808922	38.949	ng/ul	99
6) Benzaldehyde	6.687	77	632882	37.882	ng/ul	95
8) Phenol	6.752	94	1025857	38.389	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.981	93	794182	37.455	ng/ul	99
12) 2-Chlorophenol	7.105	128	830488	40.341	ng/ul	99
13) 2-Methylphenol	7.993	108	787923	38.608	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.081	45	1176355	42.004	ng/ul	100
16) Acetophenone	8.357	105	1239731	37.168	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.357	70	630238	37.046	ng/ul	99
18) 4-Methylphenol	8.322	108	880280	38.424	ng/ul	100
19) Hexachloroethane	8.599	117	315511	39.344	ng/ul	97
22) Nitrobenzene	8.734	77	899897	39.897	ng/ul	97
23) Isophorone	9.257	82	1830948	39.288	ng/ul	99
25) 2-Nitrophenol	9.440	139	491035	42.261	ng/ul	99
26) 2,4-Dimethylphenol	9.510	107	953112	40.215	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.751	93	1119356	38.218	ng/ul	98
29) 2,4-Dichlorophenol	9.969	162	796565	41.073	ng/ul	99
30) Naphthalene	10.363	128	2661823	38.344	ng/ul	99
32) 4-Chloroaniline	10.481	127	1185645	38.578	ng/ul	99
33) Hexachlorobutadiene	10.651	225	468907	39.555	ng/ul	96
34) Caprolactam	11.251	113	286626m	37.094	ng/ul	10/29/21 JH
35) 4-Chloro-3-methylphenol	11.628	107	889302	39.239	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.987	142	1862563	38.801	ng/ul	98
37) 1-Methylnaphthalene	12.210	142	1893486	37.969	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.363	216	957625	39.883	ng/ul	96
40) Hexachlorocyclopentadiene	12.340	237	610109	39.829	ng/ul	97
41) 2,4,6-Trichlorophenol	12.610	196	641234	40.539	ng/ul	98
42) 2,4,5-Trichlorophenol	12.681	196	699719	39.642	ng/ul	97
43) 1,1'-Biphenyl	13.022	154	2498538	38.323	ng/ul	99
44) 2-Chloronaphthalene	13.057	162	1895844	38.344	ng/ul	100
45) 2-Nitroaniline	13.275	65	574118	42.841	ng/ul	97
47) Dimethylphthalate	13.663	163	2434784	37.728	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	522617	43.097	ng/ul	99
50) Acenaphthylene	13.910	152	3098712	37.309	ng/ul	99
51) 3-Nitroaniline	14.110	138	574599	38.749	ng/ul	97
52) Acenaphthene	14.257	153	1999291	37.092	ng/ul	97
53) 2,4-Dinitrophenol	14.322	184	318319	39.784	ng/ul	94
55) 4-Nitrophenol	14.439	109	344668	36.786	ng/ul	99
56) Dibenzofuran	14.598	168	2842079	36.745	ng/ul	100
57) 2,4-Dinitrotoluene	14.575	165	740827	40.680	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.828	232	580689	39.314	ng/ul	94
59) Diethylphthalate	15.045	149	2459621	38.095	ng/ul	99
61) Fluorene	15.251	166	2214681	36.158	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.251	204	1075791	36.089	ng/ul	92
63) 4-Nitroaniline	15.286	138	575833m	37.416	ng/ul	10/29/21 JU
66) 4,6-Dinitro-2-methylph...	15.345	198	443216	39.289	ng/ul	100
67) N-Nitrosodiphenylamine	15.469	169	2018660	37.883	ng/ul	96
68) 4-Bromophenyl-phenylether	16.145	248	714436	37.965	ng/ul	95
69) Hexachlorobenzene	16.251	284	836700	36.102	ng/ul	98
70) Atrazine	16.439	200	762316	38.176	ng/ul	99
71) Pentachlorophenol	16.598	266	498760	36.367	ng/ul	97
72) Phenanthrene	16.992	178	3633785	35.942	ng/ul	98
74) Anthracene	17.081	178	3664853	36.097	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.981	216	984720	40.176	ng/uL	97
76) Pentachlorobenzene	14.516	250	962622	36.656	ng/uL	96
77) Carbazole	17.357	167	3396148	37.098	ng/ul	100
78) Di-n-butylphthalate	17.939	149	4158315	38.479	ng/ul	100
80) Fluoranthene	19.022	202	4233460	40.755	ng/ul	99
82) Pyrene	19.386	202	4267379	39.339	ng/ul	97
83) Butylbenzylphthalate	20.316	149	1821528	42.711	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.092	252	1474350	37.035	ng/ul	88
85) Benzo(a)anthracene	21.145	228	4106654	37.475	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.104	149	2719982	40.609	ng/ul	100
87) Chrysene	21.198	228	3959106	36.952	ng/ul	96
89) Di-n-octyl phthalate	21.980	149	4640557	42.127	ng/ul	100
90) Benzo(b)fluoranthene	22.715	252	4113813	38.068	ng/ul	98
91) Benzo(k)fluoranthene	22.757	252	3982980	38.614	ng/ul	99
93) Benzo(a)pyrene	23.280	252	3936778	37.257	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.609	276	4156497	33.158	ng/ul	99
95) Dibenzo(a,h)anthracene	25.627	278	3525992	32.770	ng/ul	99
96) Benzo(g,h,i)perylene	26.292	276	3415942	32.367	ng/ul	96

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