Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017102.D
Acq On : 26 Oct 2021 22:31
Operator : CG/JU
Sample : PB140238BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 27 02:24:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN102621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 15:29:15 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS238

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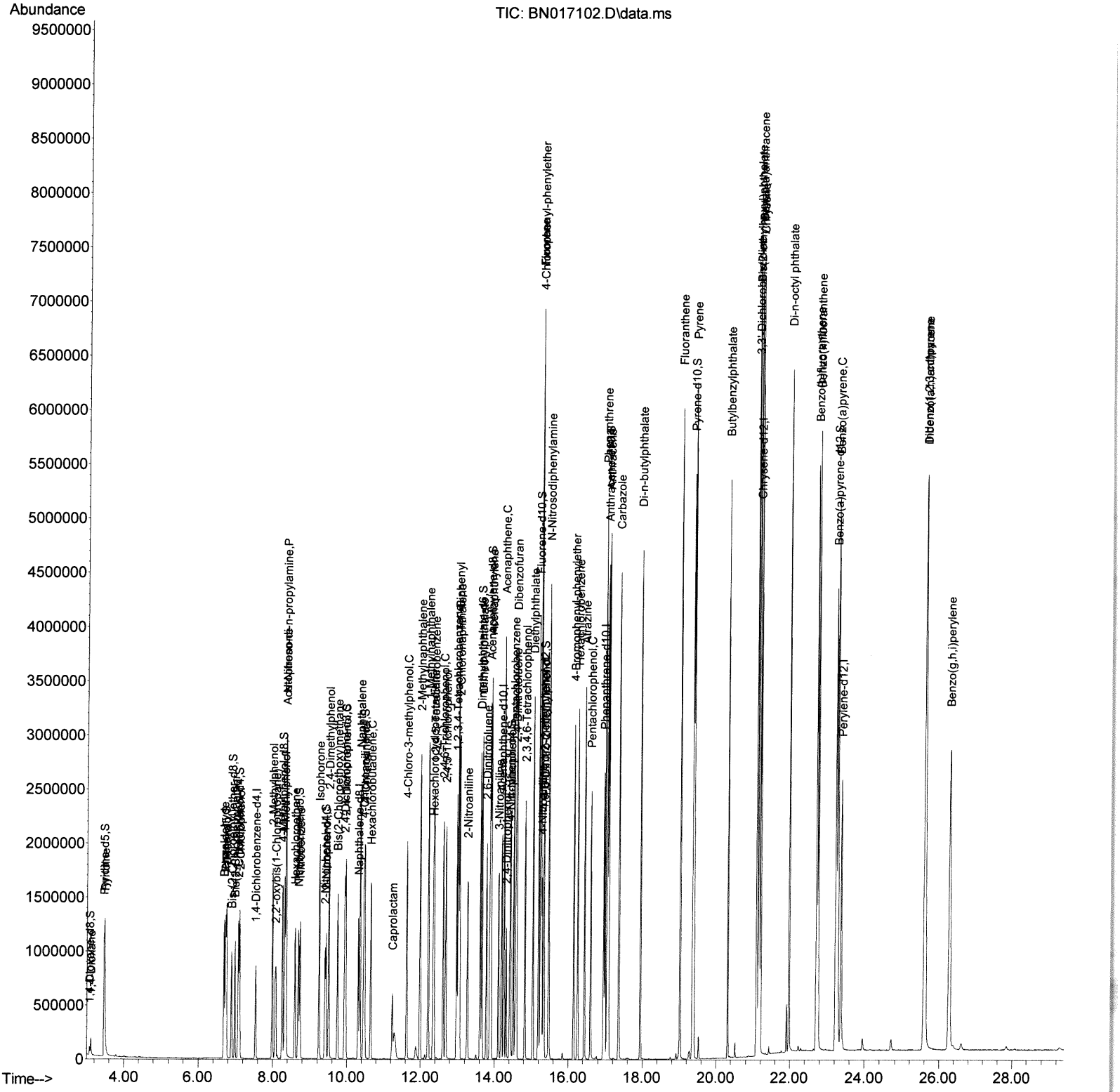

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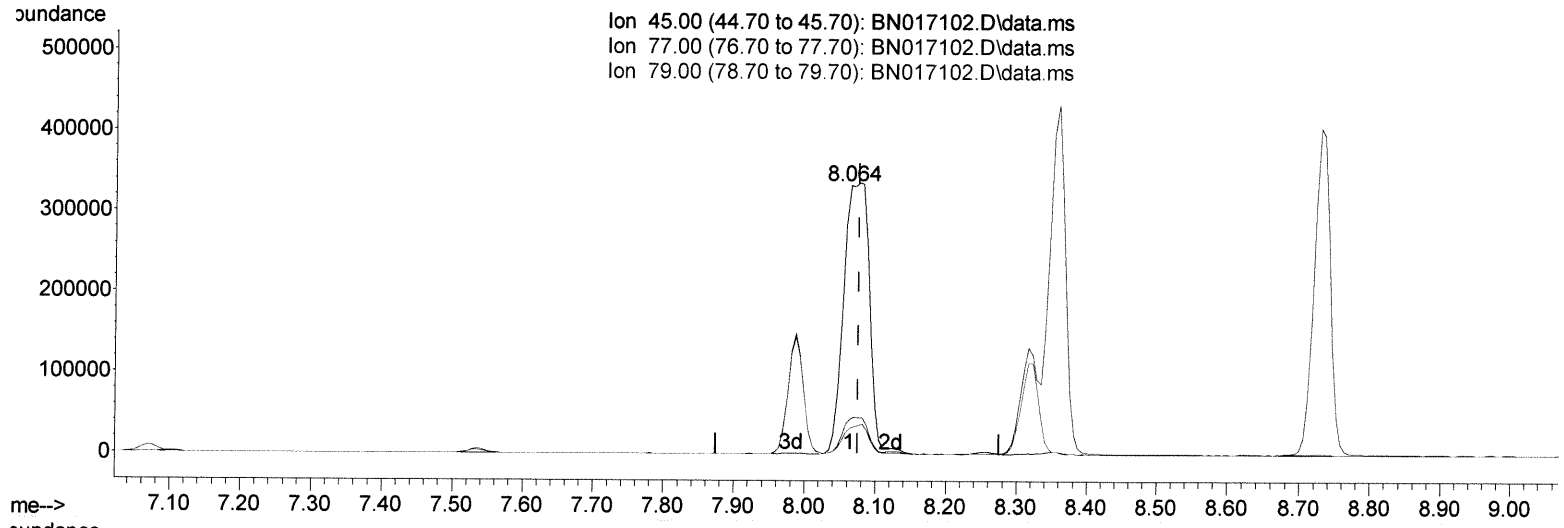

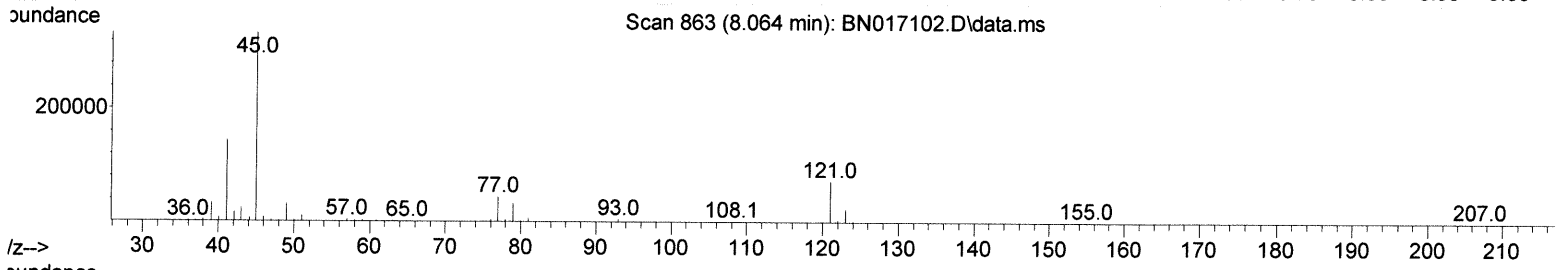

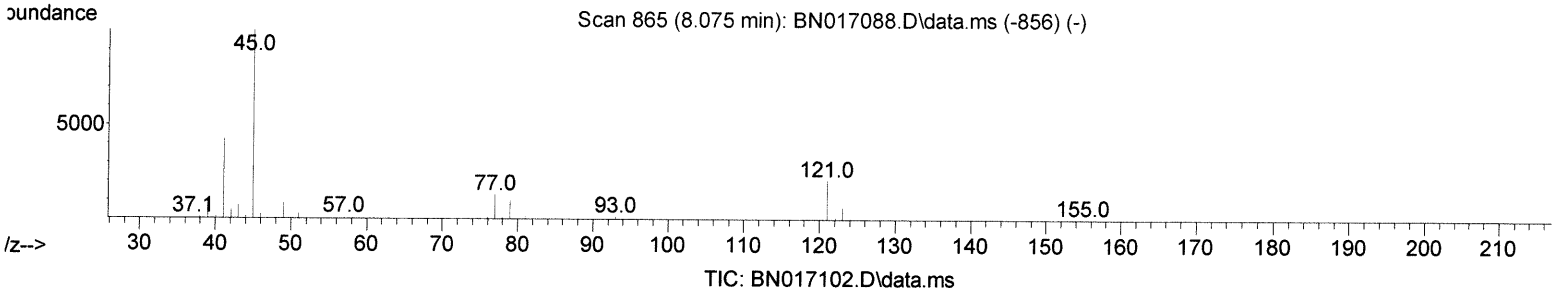

TIC: BN017102.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.064min (-0.012) 17.68 ng/ul

response 433866

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.40	13.06
79.00	10.10	9.68
0.00	0.00	0.00

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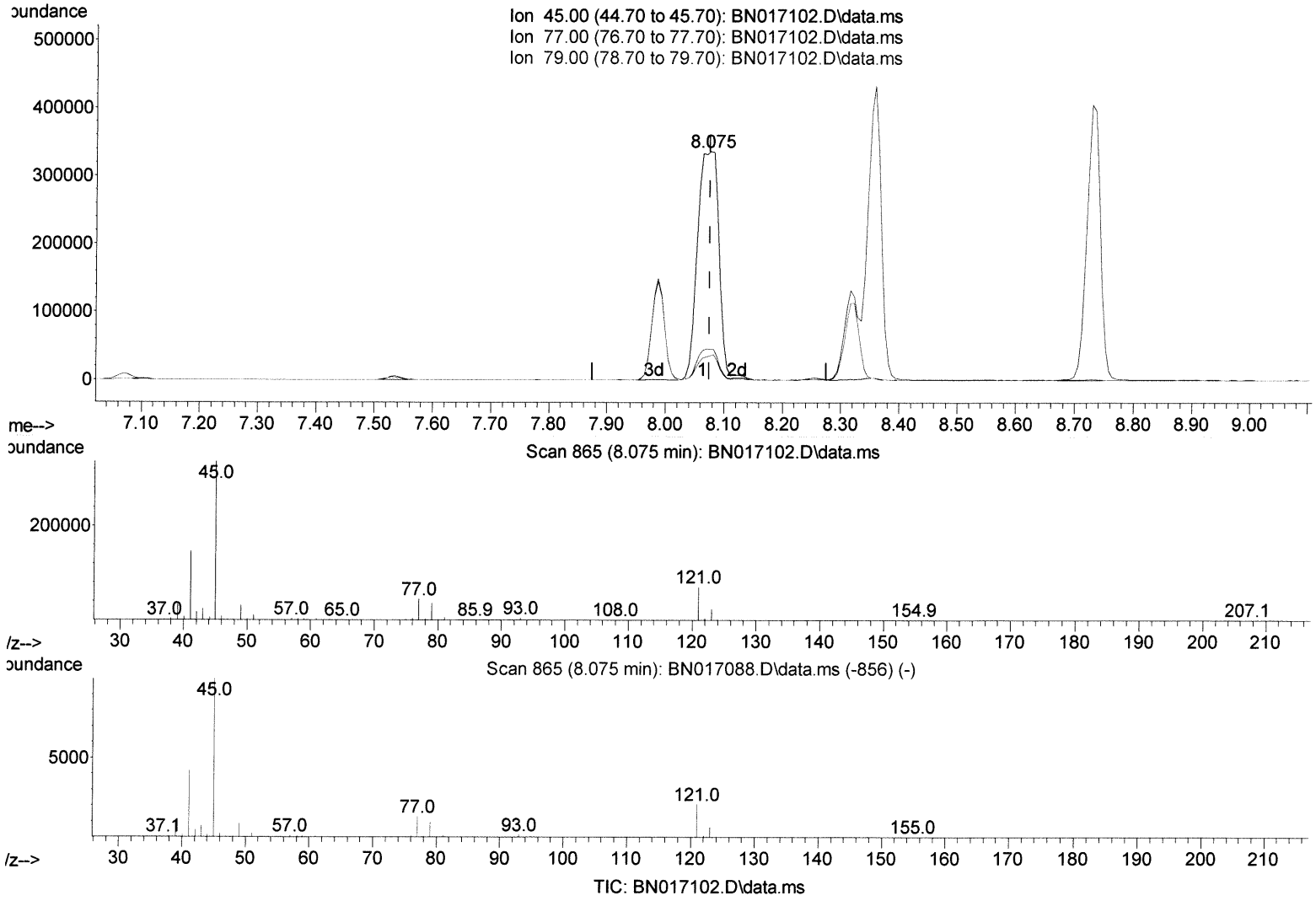

(14) 2,2'-oxybis(1-Chloropropane)

8.075min (+ 0.000) 34.18 ng/ul m 10/29/21 JU

response 838713

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.40	13.29
79.00	10.10	10.50
0.00	0.00	0.00

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Misc :
ALS Vial : 18 Sample Multiplier: 1

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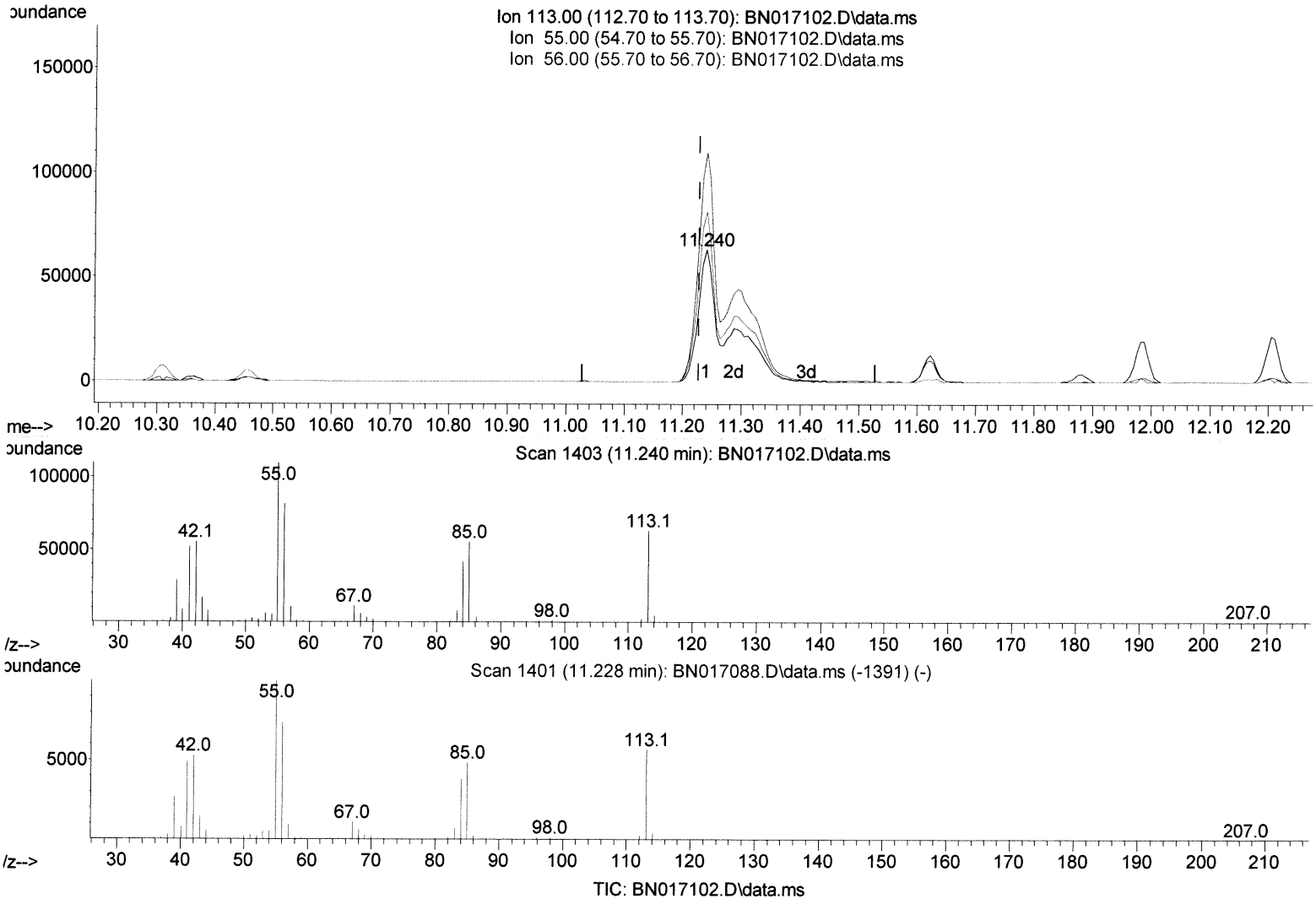

(34) Caprolactam

11.240min (+ 0.012) 21.00 ng/ul

response 124365

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	173.77
56.00	129.90	129.04
0.00	0.00	0.00

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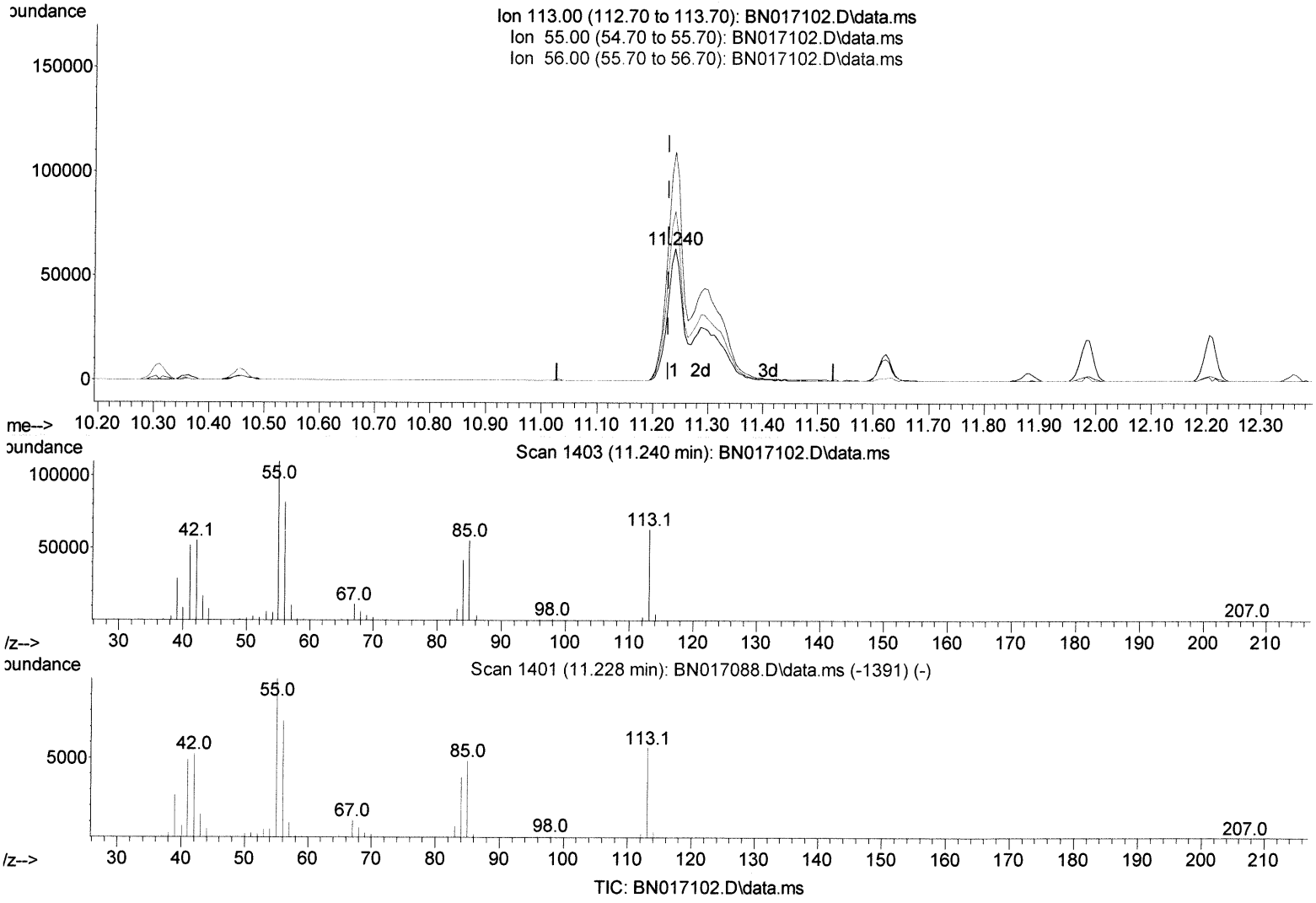

(34) Caprolactam

11.240min (+ 0.012) 36.44 ng/ul m 10/29/21 JU

response 215819

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	173.77
56.00	129.90	129.04
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	7.534	152	226473	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1055071	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.193	164	708545	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1490480	20.000	ng/ul	0.00
79) Chrysene-d12	21.157	240	1489192	20.000	ng/ul	0.00
88) Perylene-d12	23.369	264	1584853	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	37760	6.040	ng/uL	0.00
4) Pyridine-d5	3.458	84	527101	31.476	ng/ul	0.00
7) Phenol-d5	6.722	99	718066	34.121	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	412839	33.051	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	569676	34.422	ng/ul	0.00
15) 4-Methylphenol-d8	8.258	113	604709	35.200	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	287221	35.151	ng/ul	0.00
24) 2-Nitrophenol-d4	9.405	143	327718	36.229	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	591721	35.705	ng/ul	0.00
31) 4-Chloroaniline-d4	10.458	131	856424	34.697	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	1866958	35.197	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	2318739	34.677	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	381035	36.406	ng/ul	0.00
60) Fluorene-d10	15.193	176	1588796	35.069	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	343664	35.608	ng/ul	0.00
73) Anthracene-d10	17.045	188	2488127	34.576	ng/ul	0.00
81) Pyrene-d10	19.351	212	2856423	32.706	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.227	264	2918406	34.648	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	79177	12.806	ng/uL	99
5) Pyridine	3.481	79	541082	31.927	ng/ul	97
6) Benzaldehyde	6.687	77	407835	32.525	ng/ul	98
8) Phenol	6.752	94	750064	35.232	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.975	93	571850	34.185	ng/ul	99
12) 2-Chlorophenol	7.105	128	597596	34.917	ng/ul	99
13) 2-Methylphenol	7.987	108	570861	35.245	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.075	45	838713m >	34.175	ng/ul >	10/29/21 JU
16) Acetophenone	8.358	105	921301	36.186	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.352	70	465934	36.455	ng/ul	97
18) 4-Methylphenol	8.316	108	644518	36.018	ng/ul	97
19) Hexachloroethane	8.599	117	225244	34.174	ng/ul	96
22) Nitrobenzene	8.728	77	655900	35.698	ng/ul	99
23) Isophorone	9.252	82	1348054	36.136	ng/ul	99
25) 2-Nitrophenol	9.434	139	360057	36.557	ng/ul	98
26) 2,4-Dimethylphenol	9.511	107	694804	35.201	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.746	93	830485	34.806	ng/ul	98
29) 2,4-Dichlorophenol	9.963	162	588833	35.775	ng/ul	98
30) Naphthalene	10.358	128	1984790	34.576	ng/ul	99
32) 4-Chloroaniline	10.481	127	871420	35.687	ng/ul	100
33) Hexachlorobutadiene	10.652	225	328052	32.731	ng/ul	99
34) Caprolactam	11.240	113	215819m >	36.441	ng/ul >	10/29/21 JU
35) 4-Chloro-3-methylphenol	11.622	107	681920	37.238	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.987	142	1407443	35.514	ng/ul	99
37) 1-Methylnaphthalene	12.204	142	1402848	34.363	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.363	216	706712	34.220	ng/ul	99
40) Hexachlorocyclopentadiene	12.340	237	407870	31.075	ng/ul	95
41) 2,4,6-Trichlorophenol	12.610	196	477958	35.694	ng/ul	98
42) 2,4,5-Trichlorophenol	12.681	196	539044	36.150	ng/ul	98
43) 1,1'-Biphenyl	13.022	154	1869794	34.083	ng/ul	99
44) 2-Chloronaphthalene	13.051	162	1445700	34.603	ng/ul	99
45) 2-Nitroaniline	13.269	65	436397	38.370	ng/ul	99
47) Dimethylphthalate	13.663	163	1874565	35.189	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	396576	37.911	ng/ul	98
50) Acenaphthylene	13.910	152	2408877	35.174	ng/ul	99
51) 3-Nitroaniline	14.110	138	422201	34.871	ng/ul	99
52) Acenaphthene	14.257	153	1562389	35.280	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	241698	36.125	ng/ul	100
55) 4-Nitrophenol	14.434	109	276843	37.483	ng/ul	99
56) Dibenzofuran	14.593	168	2209086	34.938	ng/ul	100
57) 2,4-Dinitrotoluene	14.575	165	572108	37.923	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.828	232	440645	35.797	ng/ul	94
59) Diethylphthalate	15.040	149	1890323	35.585	ng/ul	100
61) Fluorene	15.246	166	1751675	35.145	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.251	204	861829	35.165	ng/ul	98
63) 4-Nitroaniline	15.281	138	443844	37.099	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.340	198	340556	35.366	ng/ul	97
67) N-Nitrosodiphenylamine	15.469	169	1600497	35.279	ng/ul	99
68) 4-Bromophenyl-phenylether	16.145	248	543174	34.198	ng/ul	98
69) Hexachlorobenzene	16.251	284	634367	34.321	ng/ul	98
70) Atrazine	16.434	200	567390	34.085	ng/ul	98
71) Pentachlorophenol	16.598	266	392236	35.349	ng/ul	97
72) Phenanthrene	16.987	178	2939646	35.796	ng/ul	99
74) Anthracene	17.081	178	2873533	34.553	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.975	216	719838	33.038	ng/uL	96
76) Pentachlorobenzene	14.516	250	721016	32.677	ng/uL	95
77) Carbazole	17.357	167	2709722	36.905	ng/ul	99
78) Di-n-butylphthalate	17.939	149	3306146	38.093	ng/ul	100
80) Fluoranthene	19.016	202	3376914	32.378	ng/ul	97
82) Pyrene	19.381	202	3525251	33.022	ng/ul	100
83) Butylbenzylphthalate	20.310	149	1498151	37.690	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.086	252	1184045	35.718	ng/ul	99
85) Benzo(a)anthracene	21.145	228	3427934	34.967	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.098	149	2250392	37.511	ng/ul	100
87) Chrysene	21.192	228	3331442	34.479	ng/ul	99
89) Di-n-octyl phthalate	21.975	149	3876568	33.466	ng/ul	100
90) Benzo(b)fluoranthene	22.704	252	3646311	34.079	ng/ul	98
91) Benzo(k)fluoranthene	22.751	252	3492818	33.560	ng/ul	100
93) Benzo(a)pyrene	23.274	252	3594774	34.917	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.604	276	4089620	38.939	ng/ul	100
95) Dibenzo(a,h)anthracene	25.616	278	3461517	38.992	ng/ul	96
96) Benzo(g,h,i)perylene	26.286	276	3430102	39.006	ng/ul	98

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