Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017104.D
Acq On : 26 Oct 2021 23:44
Operator : CG/JU
Sample : PB140249BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 27 02:25:05 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 :
SLCS249

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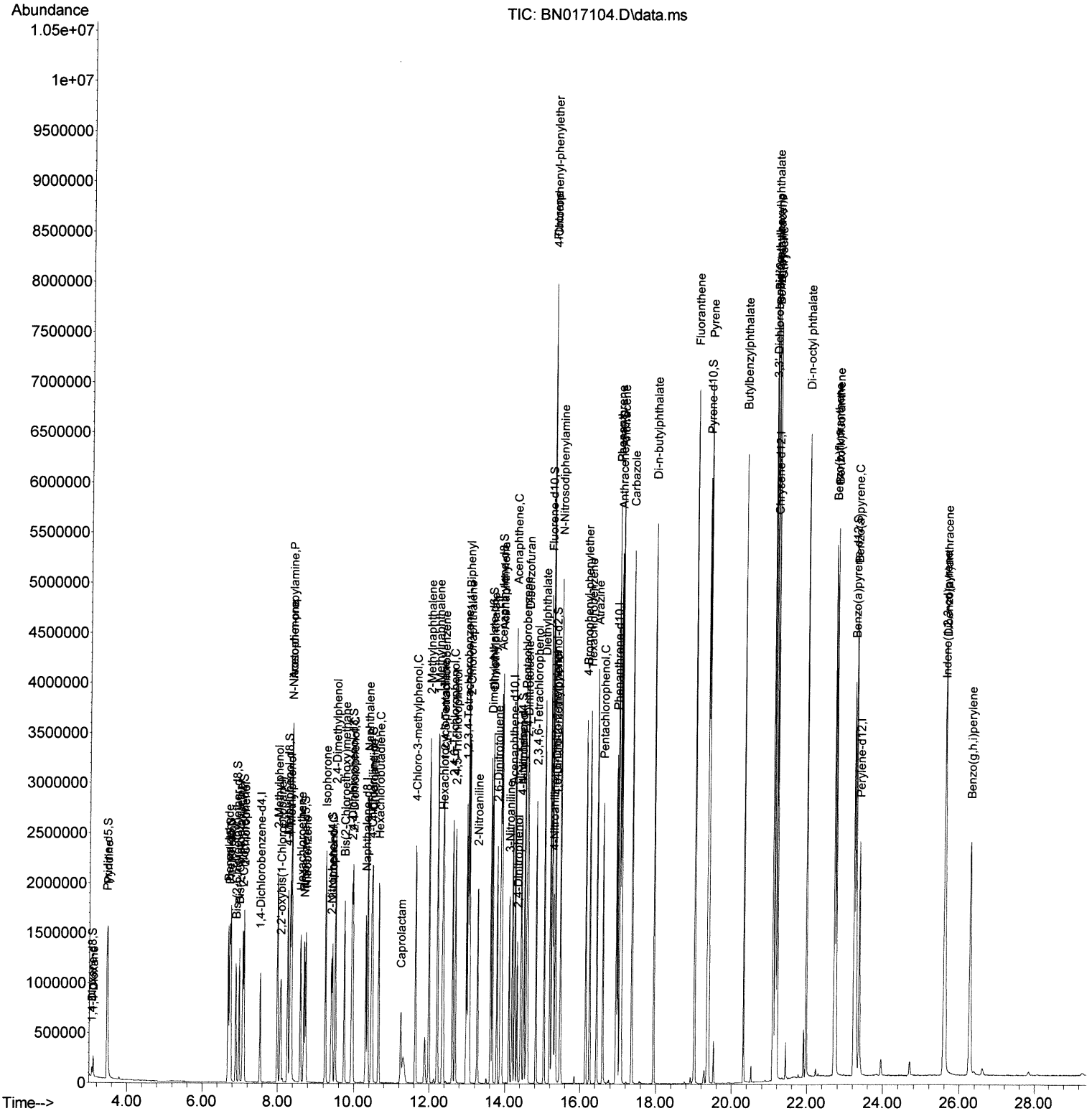

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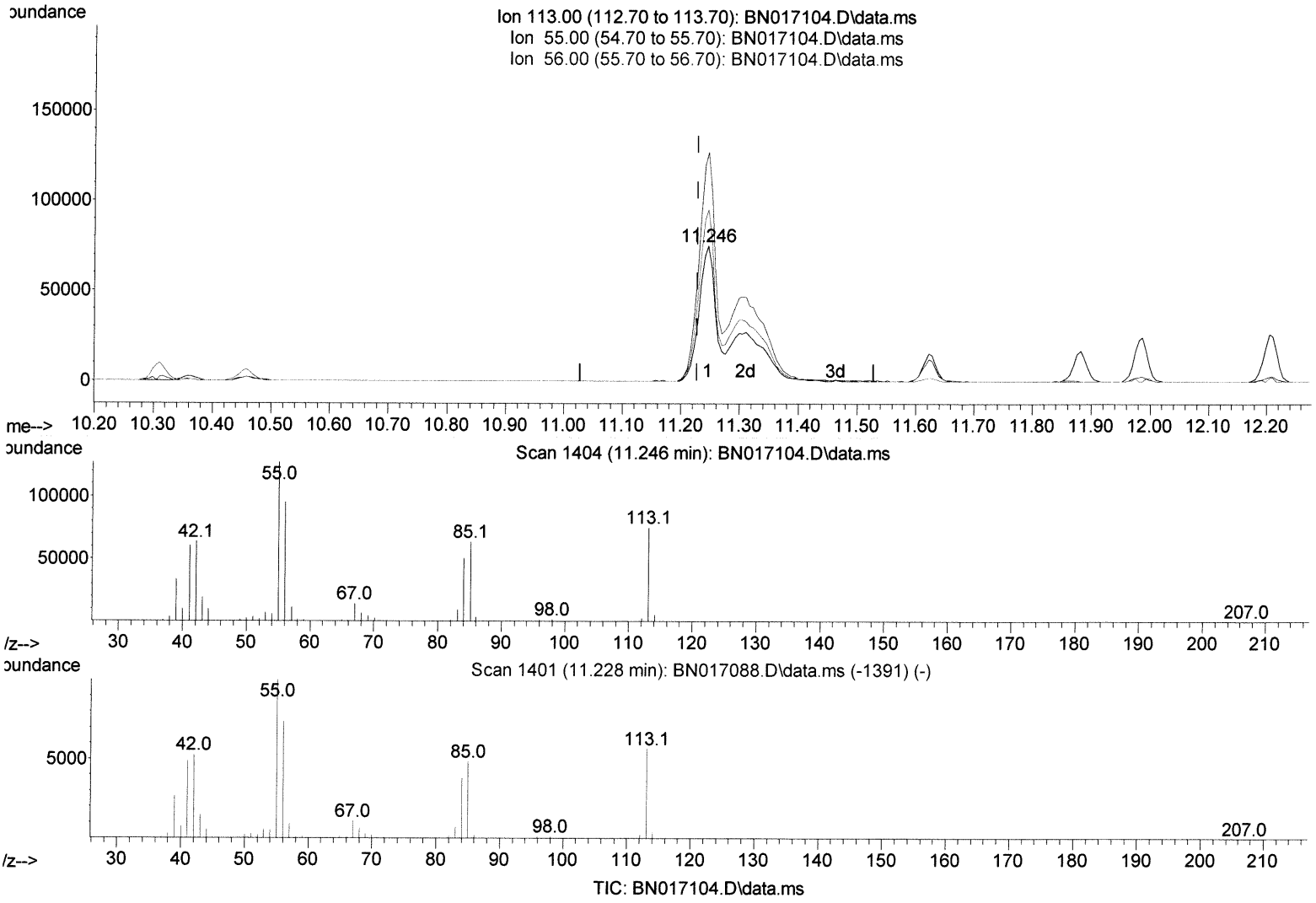

(34) Caprolactam

11.246min (+ 0.018) 19.51 ng/ul

response 148045

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	169.06
56.00	129.90	126.96
0.00	0.00	0.00

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mohammad
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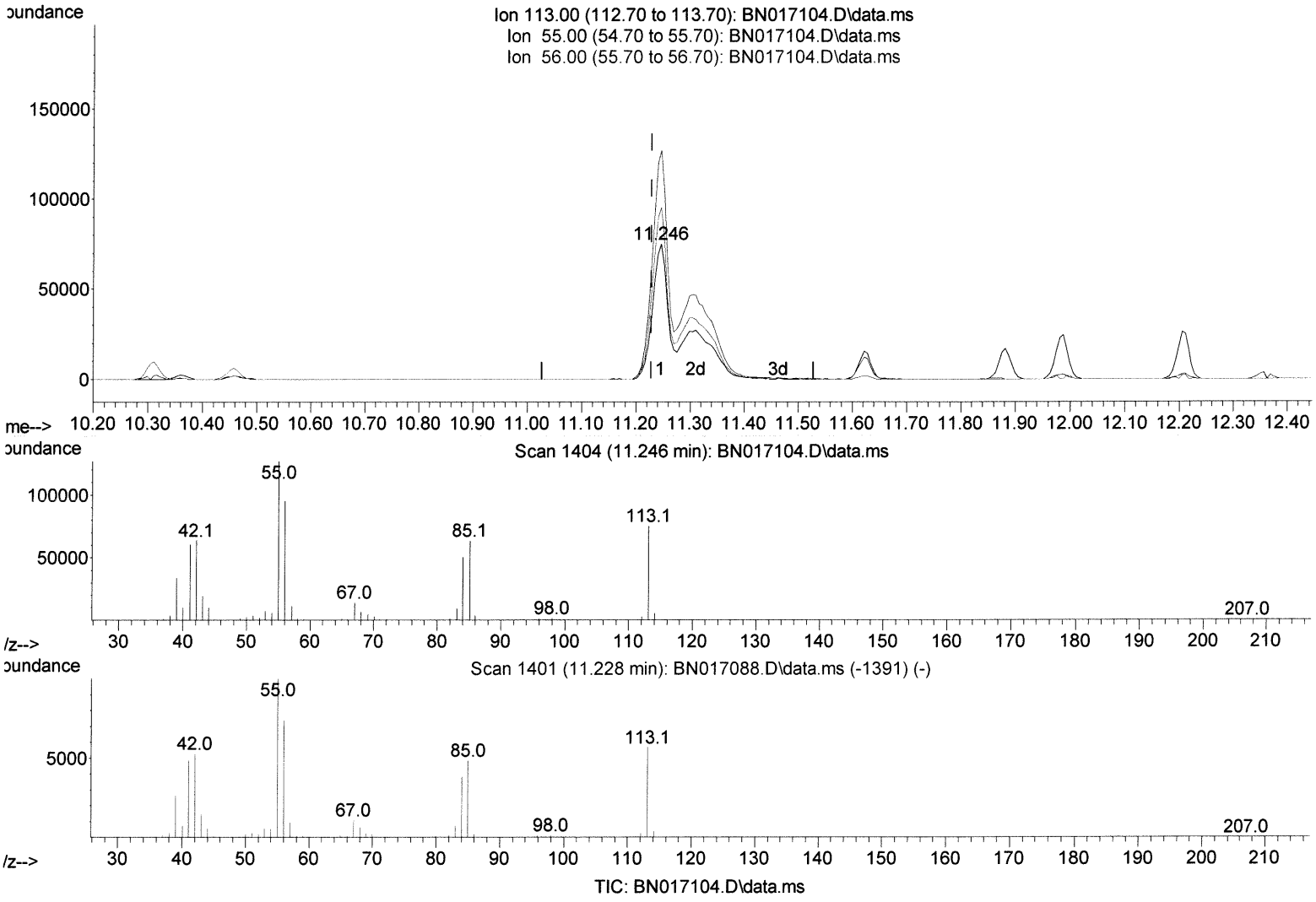

(34) Caprolactam

11.246min (+ 0.018) 34.09 ng/ul m 10/29/21 JU

response 258716

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	169.06
56.00	129.90	126.96
0.00	0.00	0.00

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Sample : PB140249BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

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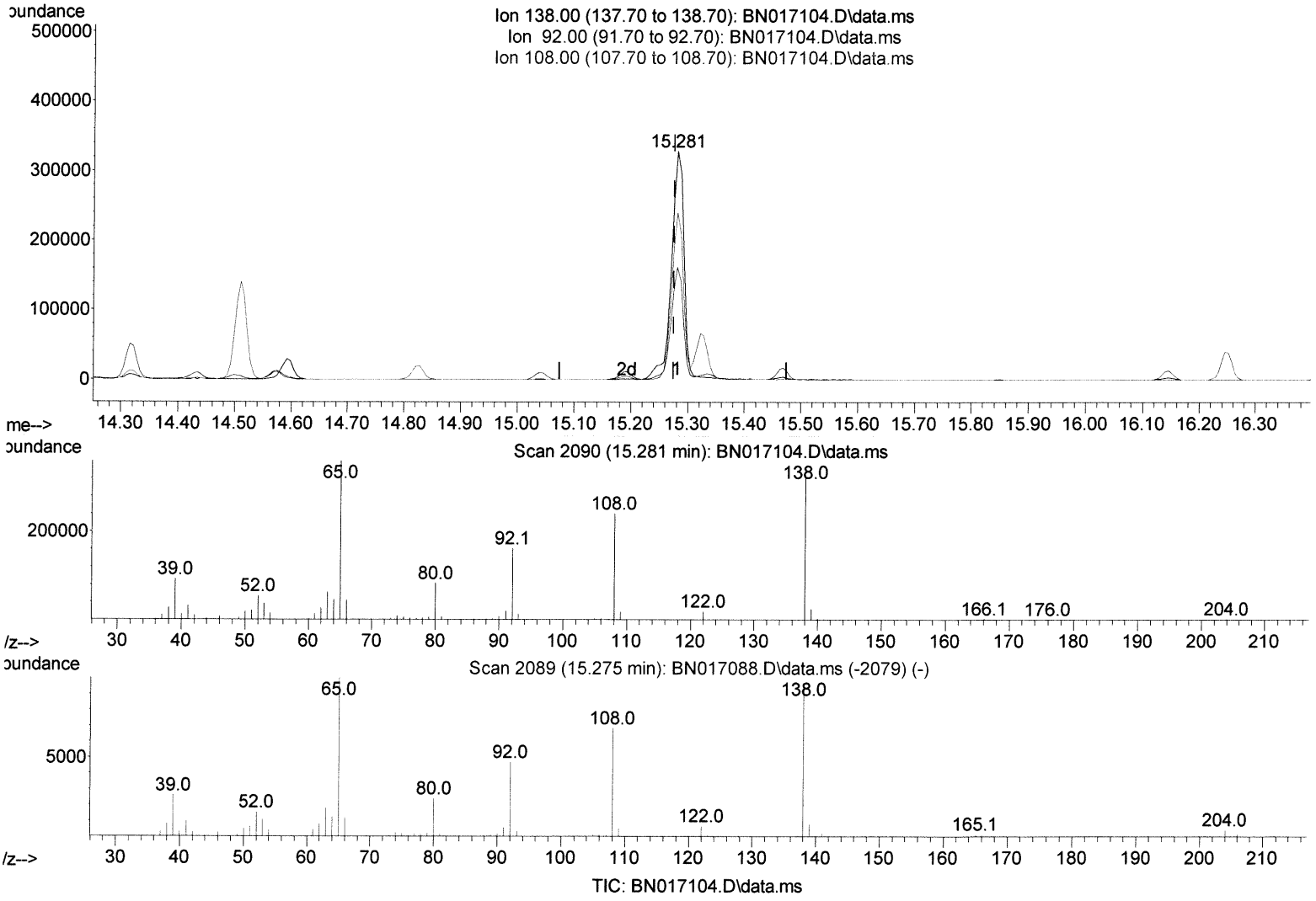

(63) 4-Nitroaniline

15.281min (+ 0.006) 31.75 ng/ul

response 481966

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.70	49.17
108.00	70.90	73.30
0.00	0.00	0.00

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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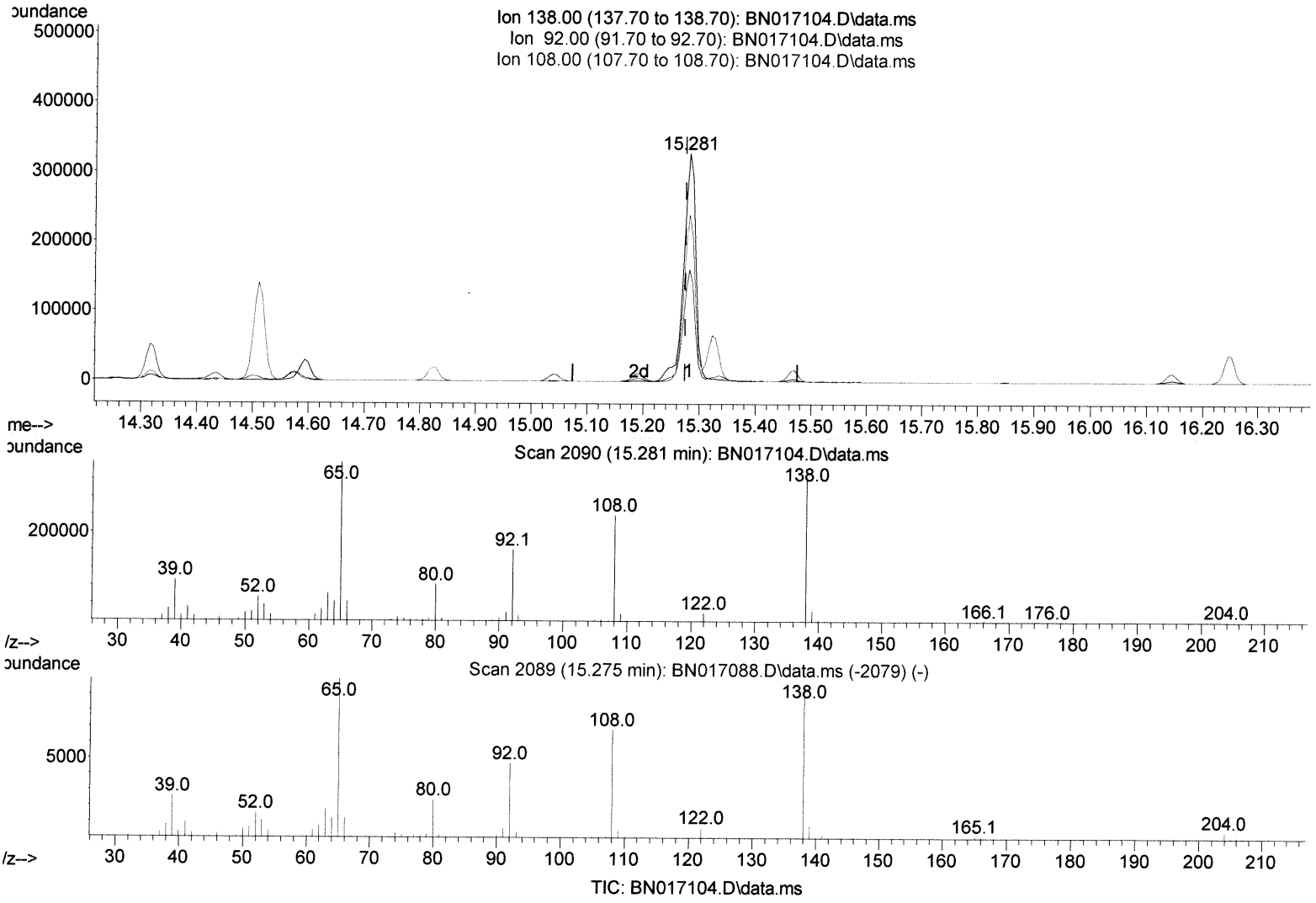

(63) 4-Nitroaniline

15.281min (+ 0.006) 33.65 ng/ul m 10/29/21 JU

response 510886

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.70	49.17
108.00	70.90	73.30
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	286725	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1351884	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.193	164	899153	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1865690	20.000	ng/ul	0.00
79) Chrysene-d12	21.157	240	1687220	20.000	ng/ul	0.00
88) Perylene-d12	23.369	264	1486885	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	45727	5.777	ng/uL	0.00
4) Pyridine-d5	3.464	84	632249	29.821	ng/ul	0.00
7) Phenol-d5	6.722	99	870515	32.673	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	501395	31.706	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	692192	33.036	ng/ul	0.00
15) 4-Methylphenol-d8	8.258	113	723827	33.280	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	347602	33.201	ng/ul	0.00
24) 2-Nitrophenol-d4	9.405	143	393998	33.993	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	697636	32.854	ng/ul	0.00
31) 4-Chloroaniline-d4	10.458	131	940682	29.743	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	2215339	32.911	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	2729540	32.167	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	454654	34.231	ng/ul	0.01
60) Fluorene-d10	15.193	176	1849894	32.176	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	411466	34.059	ng/ul	0.00
73) Anthracene-d10	17.045	188	2882871	32.005	ng/ul	0.00
81) Pyrene-d10	19.351	212	3235661	32.700	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.227	264	2743117	34.712	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	94084	12.019	ng/uL	98
5) Pyridine	3.481	79	649860	30.288	ng/ul	97
6) Benzaldehyde	6.687	77	493951	31.115	ng/ul	97
8) Phenol	6.752	94	901798	33.458	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.981	93	693583	32.749	ng/ul	99
12) 2-Chlorophenol	7.105	128	720109	33.234	ng/ul	100
13) 2-Methylphenol	7.987	108	690977	33.696	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.081	45	1019067	32.798	ng/ul	99
16) Acetophenone	8.358	105	1090629	33.835	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.352	70	549045	33.930	ng/ul	99
18) 4-Methylphenol	8.322	108	770130	33.994	ng/ul	97
19) Hexachloroethane	8.599	117	272658	32.675	ng/ul	98
22) Nitrobenzene	8.734	77	782885	33.254	ng/ul	98
23) Isophorone	9.252	82	1589509	33.254	ng/ul	99
25) 2-Nitrophenol	9.434	139	433548	34.354	ng/ul	99
26) 2,4-Dimethylphenol	9.511	107	829765	32.809	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.746	93	994172	32.518	ng/ul	99
29) 2,4-Dichlorophenol	9.969	162	703244	33.345	ng/ul	98
30) Naphthalene	10.358	128	2353156	31.993	ng/ul	98
32) 4-Chloroaniline	10.481	127	977927	31.256	ng/ul	99
33) Hexachlorobutadiene	10.646	225	408207	31.786	ng/ul	96
34) Caprolactam	11.246	113	258716m	34.093	ng/ul	10/29/21 JU
35) 4-Chloro-3-methylphenol	11.622	107	797581	33.991	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.987	142	1655324	32.598	ng/ul	98
37) 1-Methylnaphthalene	12.210	142	1666038	31.850	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.363	216	837380	31.952	ng/ul	97
40) Hexachlorocyclopentadiene	12.340	237	517675	31.080	ng/ul	94
41) 2,4,6-Trichlorophenol	12.610	196	575236	33.852	ng/ul	98
42) 2,4,5-Trichlorophenol	12.681	196	626101	33.087	ng/ul	99
43) 1,1'-Biphenyl	13.016	154	2204409	31.665	ng/ul	100
44) 2-Chloronaphthalene	13.051	162	1681385	31.712	ng/ul	98
45) 2-Nitroaniline	13.269	65	518350	35.914	ng/ul	97
47) Dimethylphthalate	13.663	163	2199551	32.536	ng/ul	98
48) 2,6-Dinitrotoluene	13.781	165	473009	35.632	ng/ul	98
50) Acenaphthylene	13.910	152	2842166	32.703	ng/ul	100
51) 3-Nitroaniline	14.110	138	460471	29.969	ng/ul	100
52) Acenaphthene	14.257	153	1810273	32.212	ng/ul	98
53) 2,4-Dinitrophenol	14.322	184	286163	33.704	ng/ul	90
55) 4-Nitrophenol	14.434	109	323342	34.499	ng/ul	98
56) Dibenzofuran	14.593	168	2569253	32.020	ng/ul	97
57) 2,4-Dinitrotoluene	14.575	165	691457	36.118	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.828	232	530189	33.941	ng/ul	92
59) Diethylphthalate	15.040	149	2271384	33.694	ng/ul	99
61) Fluorene	15.245	166	2018084	31.907	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.251	204	1001593	32.205	ng/ul	99
63) 4-Nitroaniline	15.281	138	510886m	33.650	ng/ul	10/29/21 JH
66) 4,6-Dinitro-2-methylph...	15.340	198	412000	34.181	ng/ul	98
67) N-Nitrosodiphenylamine	15.469	169	1866948	32.876	ng/ul	97
68) 4-Bromophenyl-phenylether	16.145	248	663628	33.379	ng/ul	96
69) Hexachlorobenzene	16.251	284	759188	32.814	ng/ul	99
70) Atrazine	16.434	200	696735	33.437	ng/ul	99
71) Pentachlorophenol	16.598	266	459233	33.063	ng/ul	96
72) Phenanthrene	16.987	178	3390690	32.985	ng/ul	99
74) Anthracene	17.081	178	3394597	32.610	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	832017	30.506	ng/uL	96
76) Pentachlorobenzene	14.510	250	829893	30.048	ng/uL	96
77) Carbazole	17.357	167	3189106	34.699	ng/ul	99
78) Di-n-butylphthalate	17.939	149	3923760	36.117	ng/ul	100
80) Fluoranthene	19.016	202	3941024	33.352	ng/ul	98
82) Pyrene	19.381	202	4016246	33.206	ng/ul	99
83) Butylbenzylphthalate	20.310	149	1704039	37.838	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.086	252	1171368	31.188	ng/ul	95
85) Benzo(a)anthracene	21.139	228	3710169	33.404	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.098	149	2528777	37.204	ng/ul	99
87) Chrysene	21.192	228	3603742	32.920	ng/ul	100
89) Di-n-octyl phthalate	21.975	149	4161667	38.294	ng/ul	100
90) Benzo(b)fluoranthene	22.704	252	3552313	35.388	ng/ul	99
91) Benzo(k)fluoranthene	22.751	252	3342997	34.237	ng/ul	98
93) Benzo(a)pyrene	23.274	252	3313489	34.305	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.592	276	3271152	33.199	ng/ul	98
95) Dibenzo(a,h)anthracene	25.616	278	2791060	33.511	ng/ul	99
96) Benzo(g,h,i)perylene	26.280	276	2678438	32.465	ng/ul	98

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