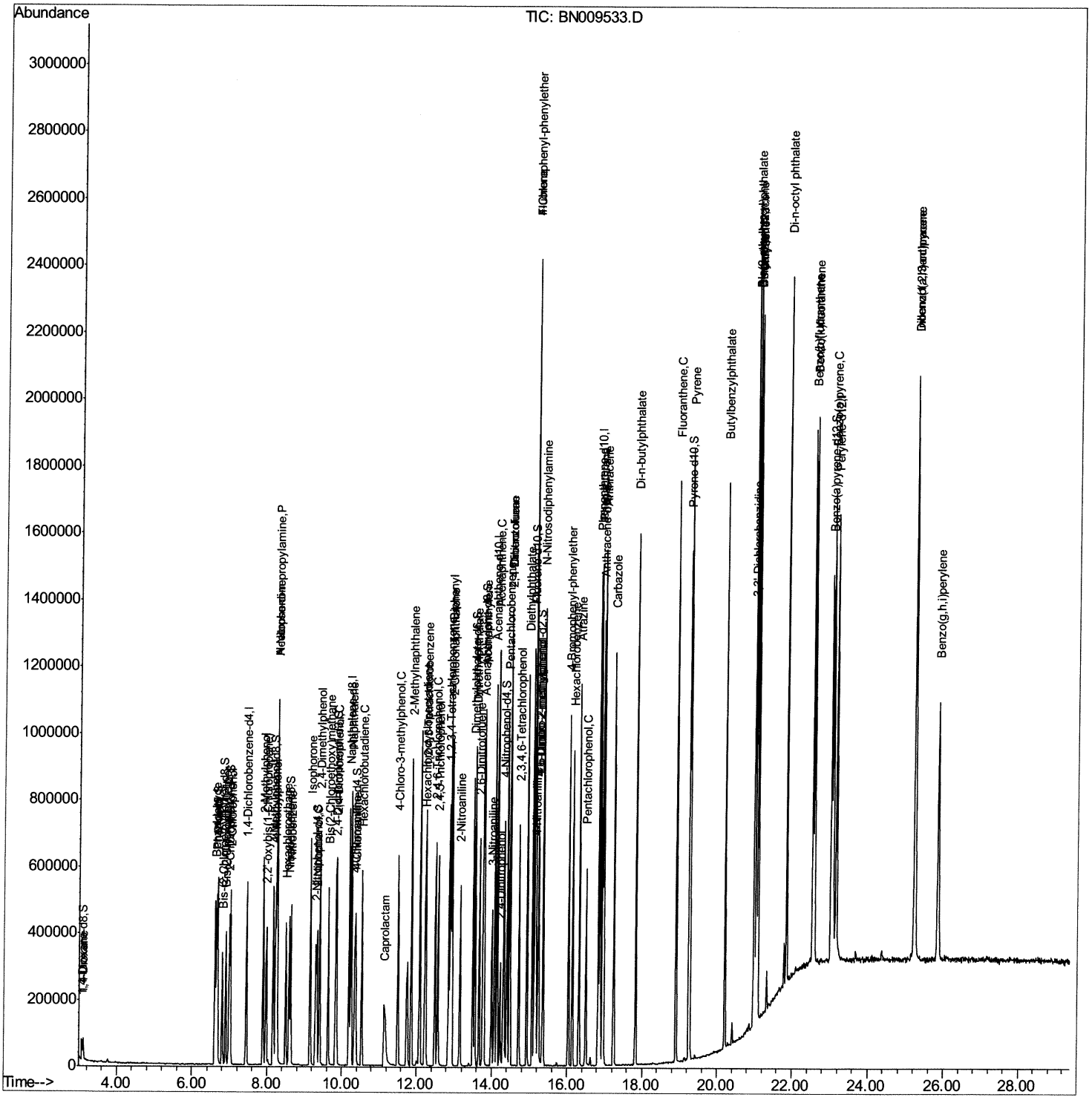
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009533.D
Acq On : 03 Feb 2020 17:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 17:52:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02070

Manual Integrations APPROVED
mohammad
2/4/2020 6:14:19 PM



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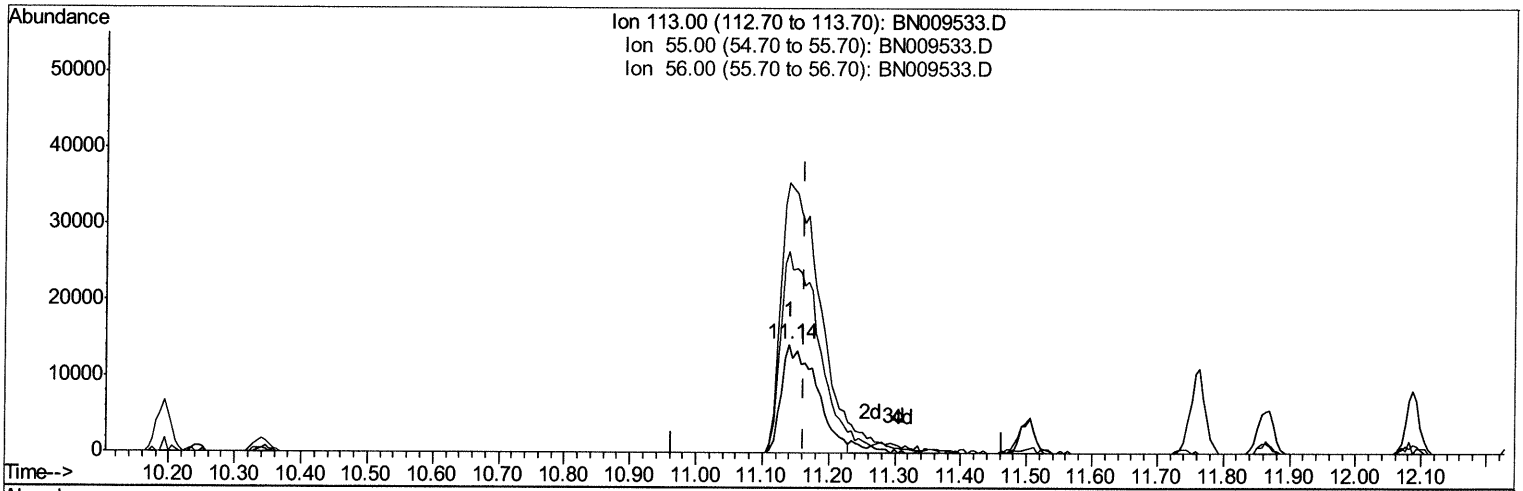

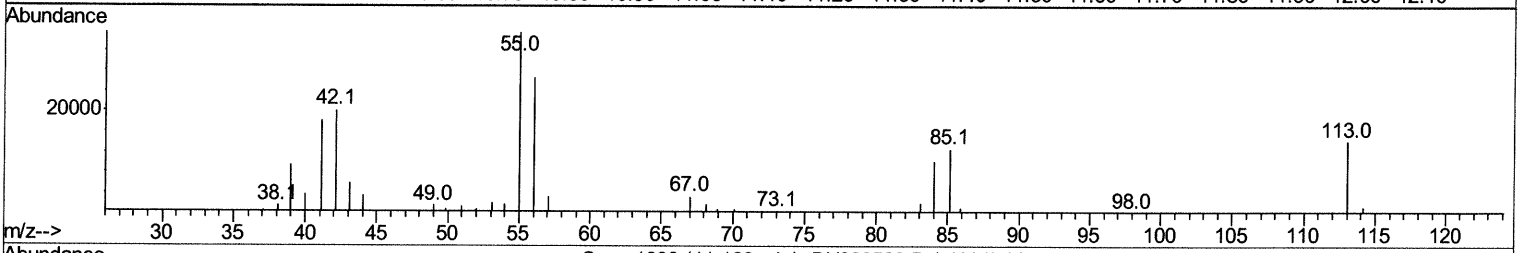

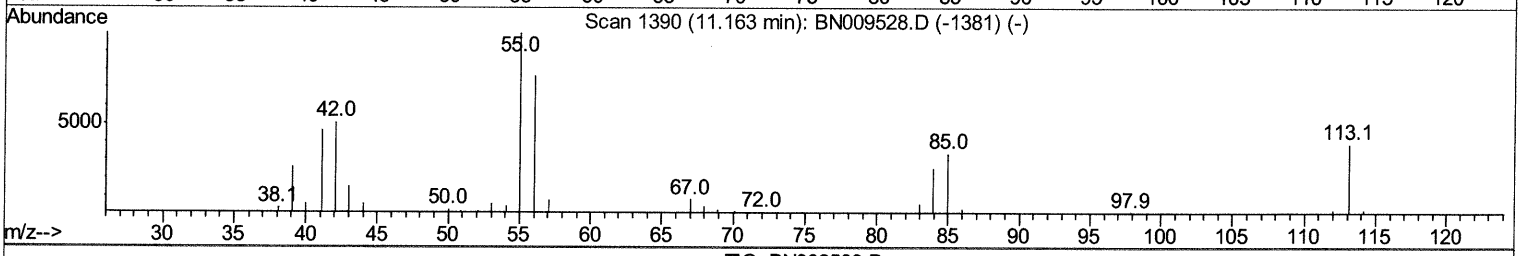

TIC: BN009533.D

(32) Caprolactam

11.140min (-0.023) 18.22ng/ul

response 52652

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	248.64
56.00	199.10	185.71
0.00	0.00	0.00

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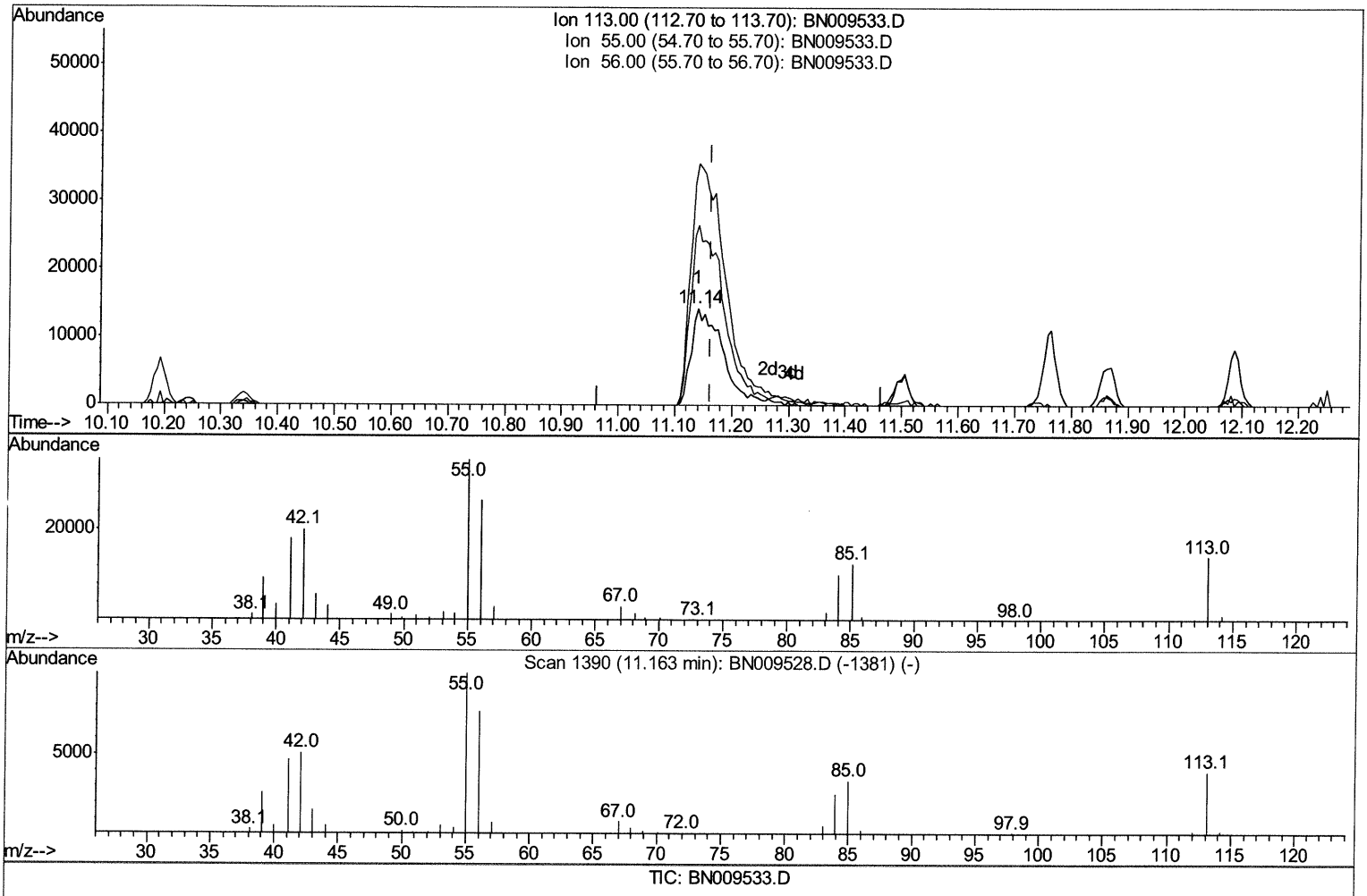

TIC: BN009533.D

(32) Caprolactam

11.140min (-0.023) 19.28ng/ul m JU 02/05/20

response 55698

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	248.64
56.00	199.10	185.71
0.00	0.00	0.00

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mohammad
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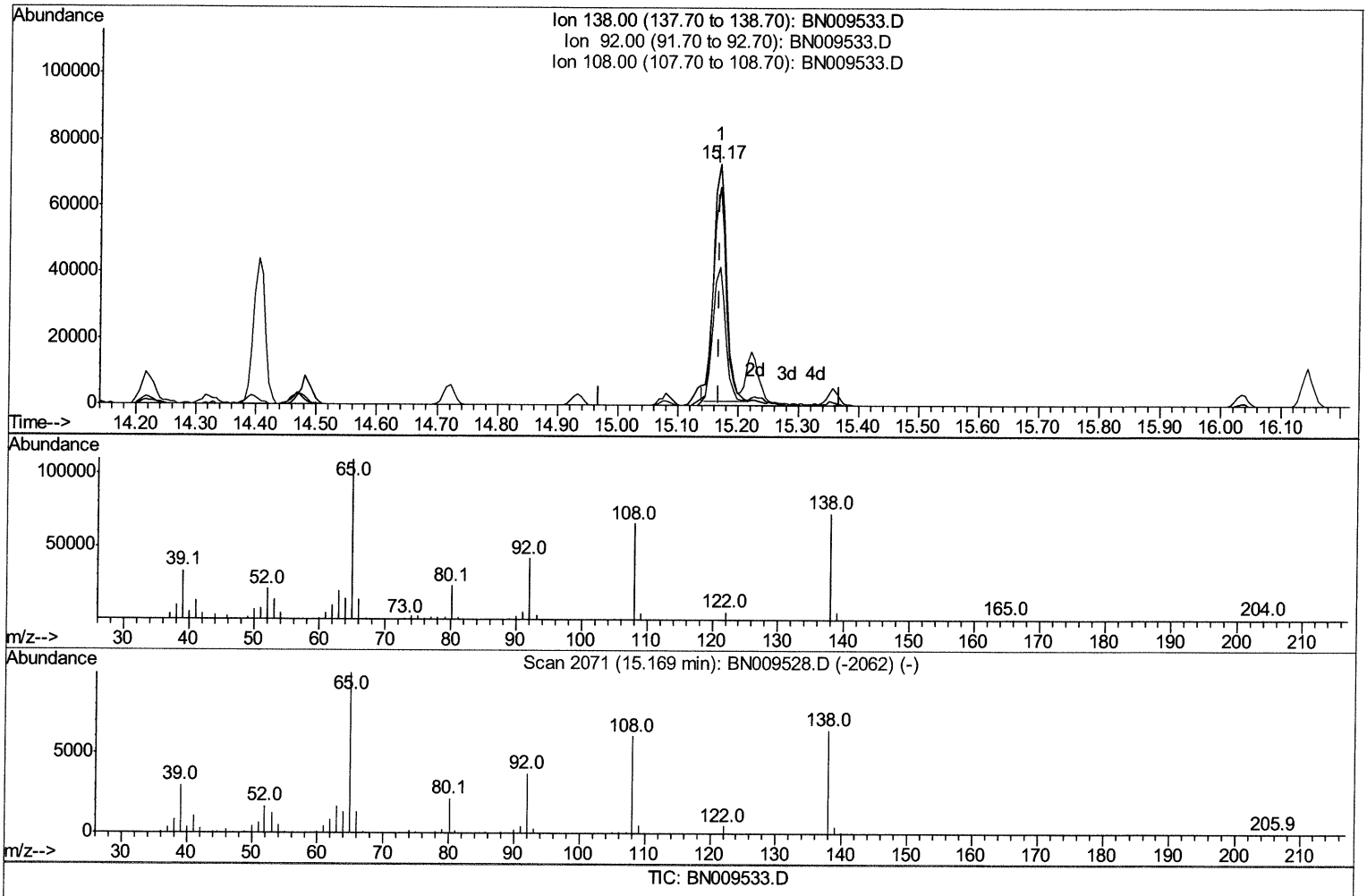

TIC: BN009533.D

(60) 4-Nitroaniline

15.169min (+0.000) 16.59ng/ul

response 105188

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	57.40
108.00	93.90	90.31
0.00	0.00	0.00

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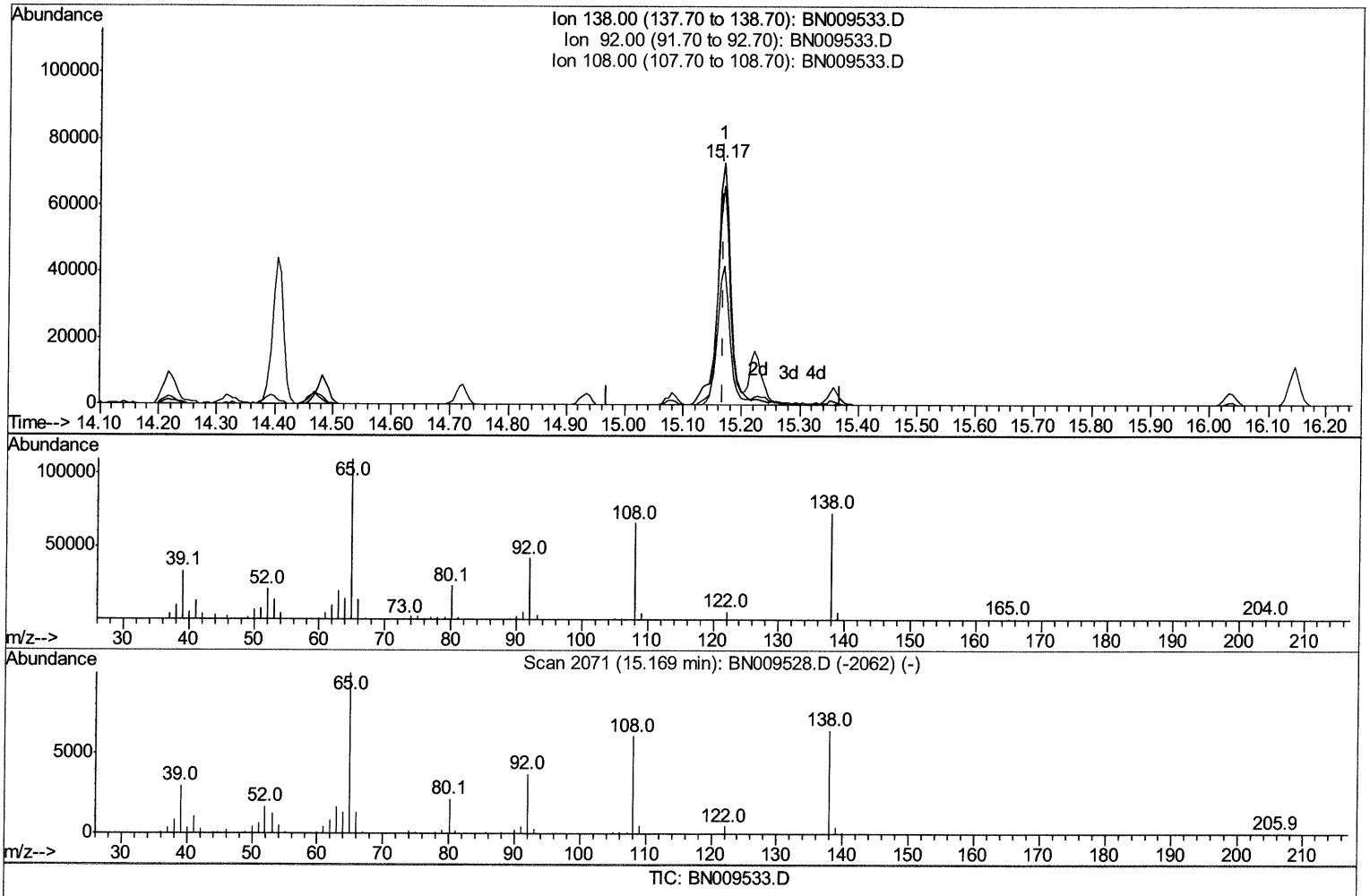

TIC: BN009533.D

(60) 4-Nitroaniline

15.169min (+0.000) 18.93ng/ul m JU 02/05/20

response 119969

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	57.40
108.00	93.90	90.31
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	130592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	546285	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	362482	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	765892	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	698154	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	767129	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	24163	7.59	ng/uL	0.00
5) Phenol-d5	6.64	99	212969	18.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	148768	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	162078	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	168366	18.56	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	80326	19.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	89341	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	166251	19.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	170133	18.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	515797	19.49	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	622497	19.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	93441	18.70	ng/ul	0.00
57) Fluorene-d10	15.08	176	451635	19.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	86017	17.98	ng/ul	0.00
70) Anthracene-d10	16.93	188	691810	19.88	ng/ul	0.00
78) Pyrene-d10	19.24	212	750411	20.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	735988	19.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	27675	7.622	ng/uL	96
4) Benzaldehyde	6.60	77	153597	19.655	ng/ul	95
6) Phenol	6.67	94	227990	18.731	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.89	93	184531	19.436	ng/ul	98
10) 2-Chlorophenol	7.02	128	172277	19.806	ng/ul	96
11) 2-Methylphenol	7.89	108	167796	18.656	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	442026	19.460	ng/ul	99
14) Acetophenone	8.26	105	286694	19.754	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.25	70	151995	19.776	ng/ul	97
16) 4-Methylphenol	8.22	108	185293	18.801	ng/ul	98
17) Hexachloroethane	8.50	117	78450	19.899	ng/ul	94
20) Nitrobenzene	8.63	77	230620	19.767	ng/ul	96
21) Isophorone	9.15	82	414363	19.740	ng/ul	99
23) 2-Nitrophenol	9.33	139	96305	19.502	ng/ul	98
24) 2,4-Dimethylphenol	9.40	107	208148	19.409	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.63	93	255998	20.065	ng/ul	99
27) 2,4-Dichlorophenol	9.85	162	168883	19.595	ng/ul	98
28) Naphthalene	10.24	128	589424	19.896	ng/ul	99
30) 4-Chloroaniline	10.36	127	173880	18.438	ng/ul	98
31) Hexachlorobutadiene	10.53	225	107485	19.530	ng/ul	96
32) Caprolactam	11.14	113	55698m >	19.278	ng/ul >	JU 02/05/20
33) 4-Chloro-3-methylphenol	11.50	107	199668	19.870	ng/ul	98
34) 2-Methylnaphthalene	11.86	142	407337	19.648	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.25	216	204540	19.393 ng/ul	95
37) Hexachlorocyclopentadiene	12.23	237	97336	16.956 ng/ul	95
38) 2,4,6-Trichlorophenol	12.50	196	134060	19.521 ng/ul	99
39) 2,4,5-Trichlorophenol	12.57	196	146559	19.491 ng/ul	95
40) 1,1'-Biphenyl	12.90	154	542617	19.226 ng/ul	98
41) 2-Chloronaphthalene	12.94	162	431210	19.456 ng/ul	98
42) 2-Nitroaniline	13.16	65	156223	19.503 ng/ul	95
44) Dimethylphthalate	13.55	163	540818	19.259 ng/ul	100
45) 2,6-Dinitrotoluene	13.67	165	109121	19.902 ng/ul	96
47) Acenaphthylene	13.79	152	669851	19.144 ng/ul	99
48) 3-Nitroaniline	14.00	138	92248	18.528 ng/ul	97
49) Acenaphthene	14.15	153	459313	19.310 ng/ul	99
50) 2,4-Dinitrophenol	14.22	184	56027	16.558 ng/ul	94
52) 4-Nitrophenol	14.32	109	84138	18.817 ng/ul	96
53) Dibenzofuran	14.48	168	641658	19.372 ng/ul	96
54) 2,4-Dinitrotoluene	14.47	165	159203	19.796 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.72	232	120845	18.926 ng/ul	92
56) Diethylphthalate	14.93	149	554813	19.747 ng/ul	99
58) Fluorene	15.14	166	527355	19.051 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.14	204	264981	19.707 ng/ul	98
60) 4-Nitroaniline	15.17	138	119969m >	18.926 ng/ul >	JU 02/05/20
63) 4,6-Dinitro-2-methylphenol	15.24	198	95963	18.581 ng/ul	98
64) N-Nitrosodiphenylamine	15.36	169	452963	19.789 ng/ul	98
65) 4-Bromophenyl-phenylether	16.03	248	148851	19.723 ng/ul	97
66) Hexachlorobenzene	16.15	284	166186	20.088 ng/ul	94
67) Atrazine	16.32	200	163090	19.426 ng/ul	93
68) Pentachlorophenol	16.50	266	91495	18.332 ng/ul	98
69) Phenanthrene	16.87	178	856445	19.608 ng/ul	98
71) Anthracene	16.97	178	878529	19.823 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.86	216	220270	19.667 ng/uL	99
73) Pentachlorobenzene	14.40	250	212846	19.690 ng/uL	99
74) Carbazole	17.25	167	752061	19.490 ng/ul	98
75) Di-n-butylphthalate	17.83	149	942355	19.923 ng/ul	100
76) Fluoranthene	18.90	202	991005	19.879 ng/ul	99
79) Pyrene	19.27	202	1039290	20.392 ng/ul	99
80) Butylbenzylphthalate	20.20	149	401294	19.653 ng/ul	92
81) 3,3'-Dichlorobenzidine	20.97	252	293153	19.622 ng/ul	95
82) Benzo(a)anthracene	21.03	228	960762	19.931 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	20.99	149	627454	20.394 ng/ul	98
84) Chrysene	21.08	228	954365	19.887 ng/ul	97
86) Di-n-octyl phthalate	21.85	149	1025339	18.118 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	939425	19.573 ng/ul	98
88) Benzo(k)fluoranthene	22.58	252	958434	20.277 ng/ul	99
90) Benzo(a)pyrene	23.07	252	866056	19.476 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.22	276	1034907	19.575 ng/ul	97
92) Dibenzo(a,h)anthracene	25.23	278	871713	19.588 ng/ul	97
93) Benzo(g,h,i)perylene	25.85	276	843886	19.045 ng/ul#	93

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