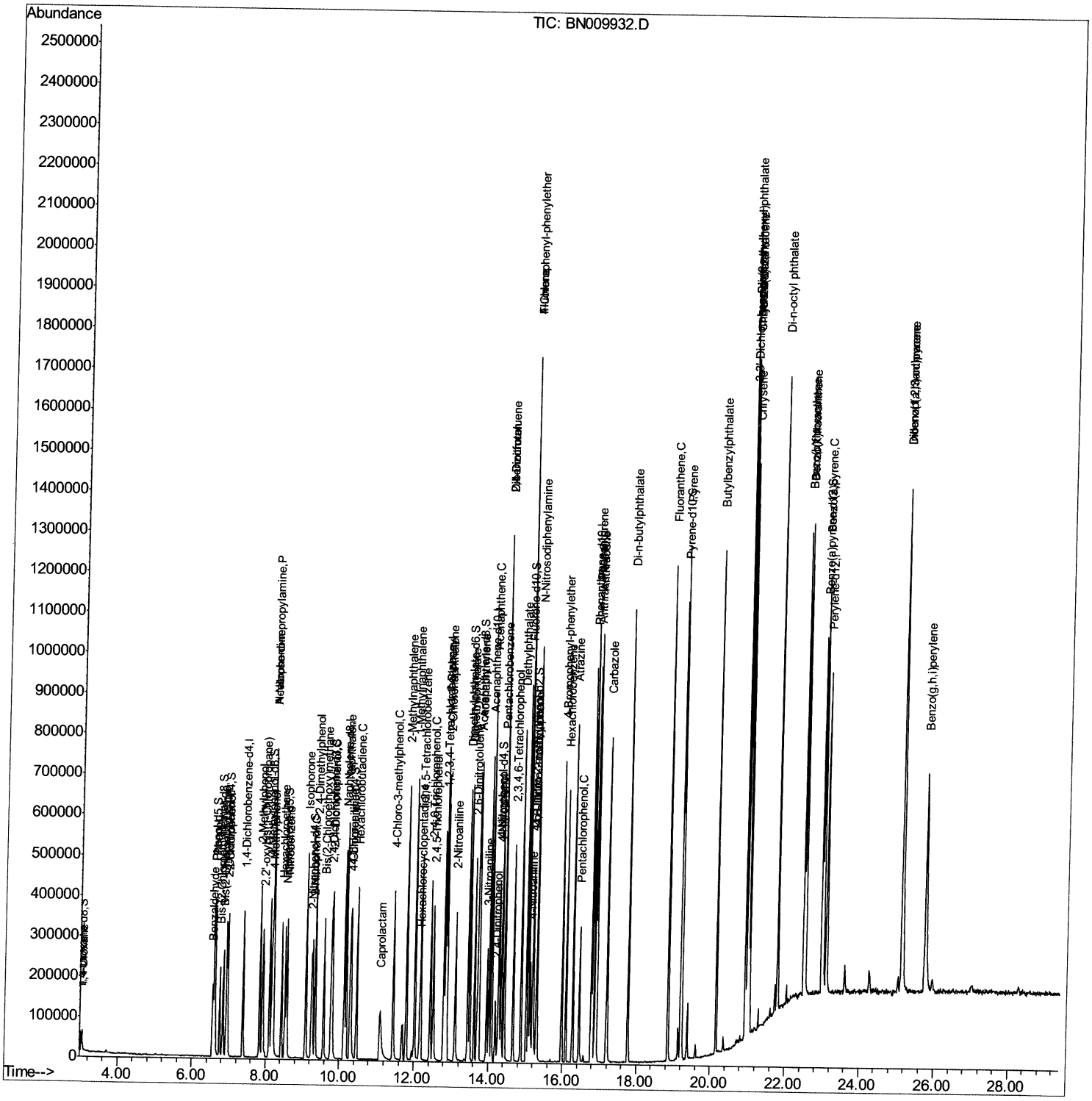
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009932.D
Acq On : 26 Feb 2020 17:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 27 07:30:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02064

Manual Integrations APPROVED
mohammad
2/27/2020 4:57:19 PM



Quantitation Report (Qedit)

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Quant Time: Feb 27 07:17:16 2020
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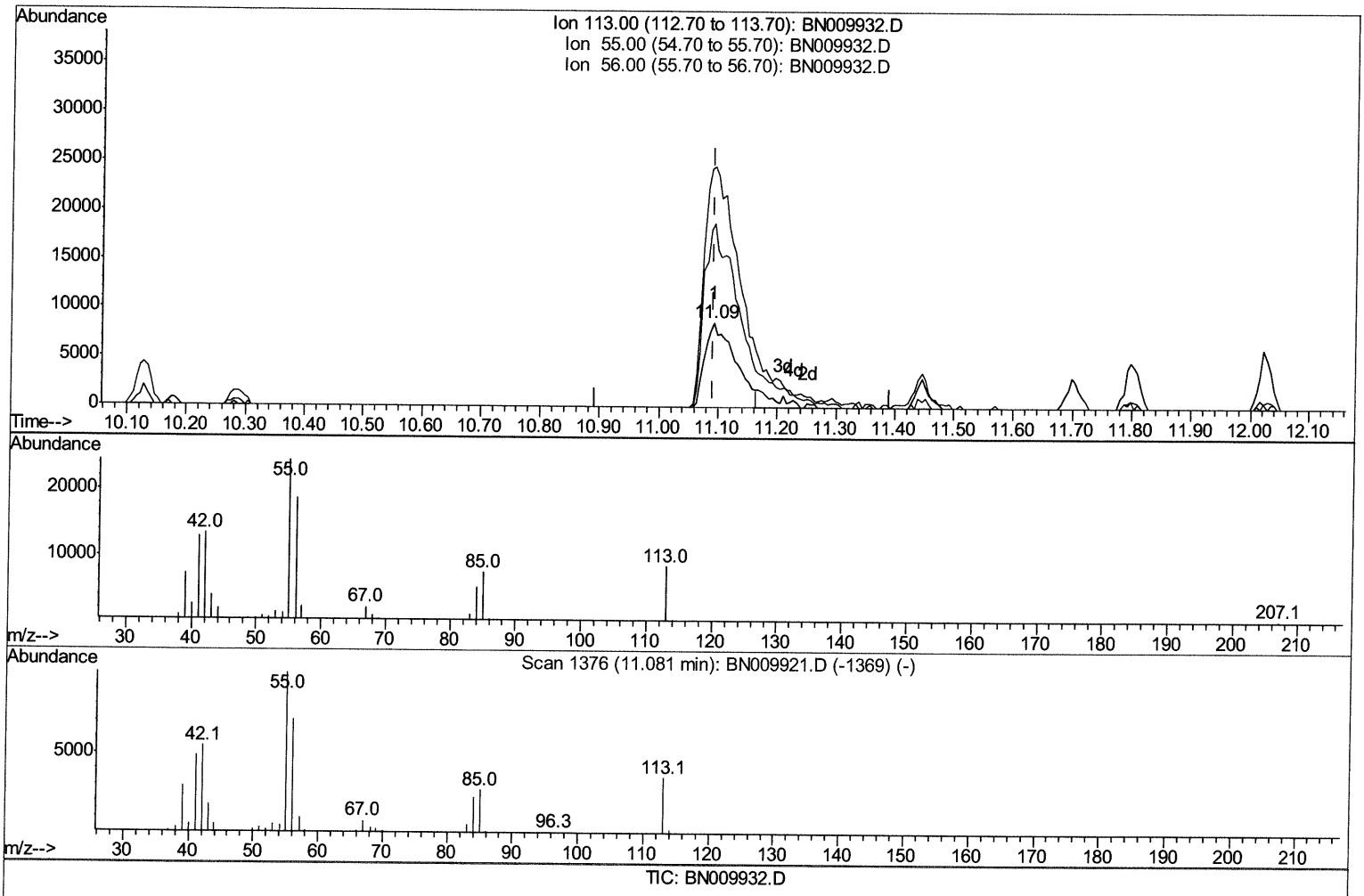

TIC: BN009932.D

(32) Caprolactam

11.093min (+0.000) 16.64ng/ul

response 30663

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	285.53
56.00	202.00	217.96
0.00	0.00	0.00

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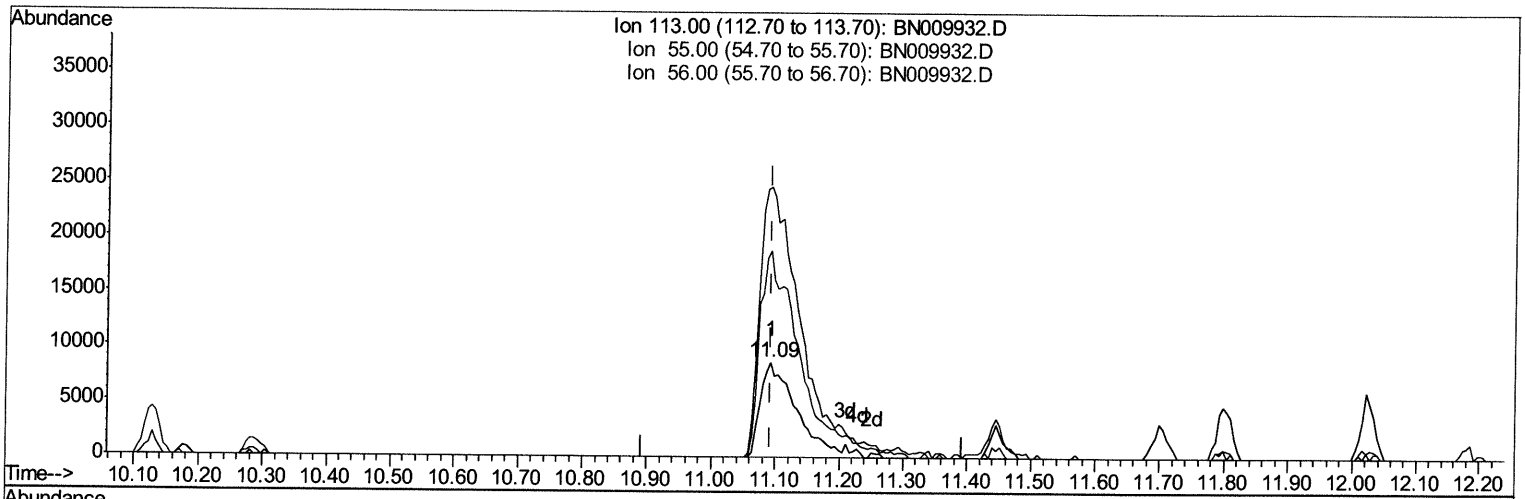

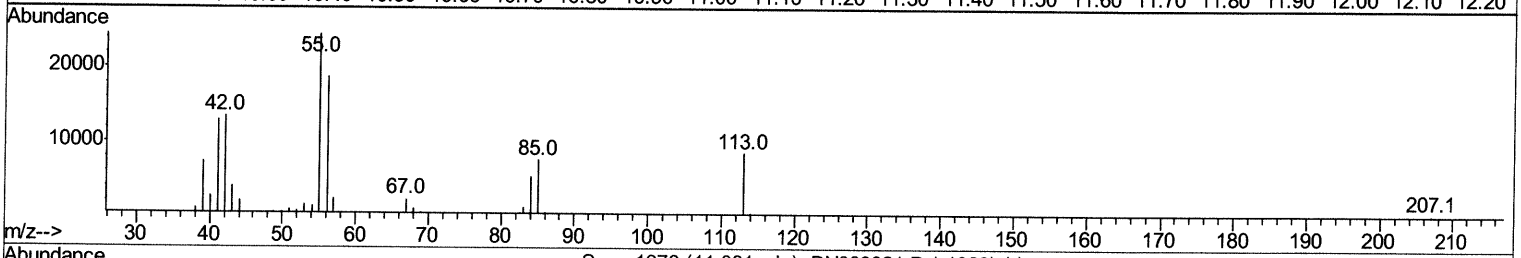

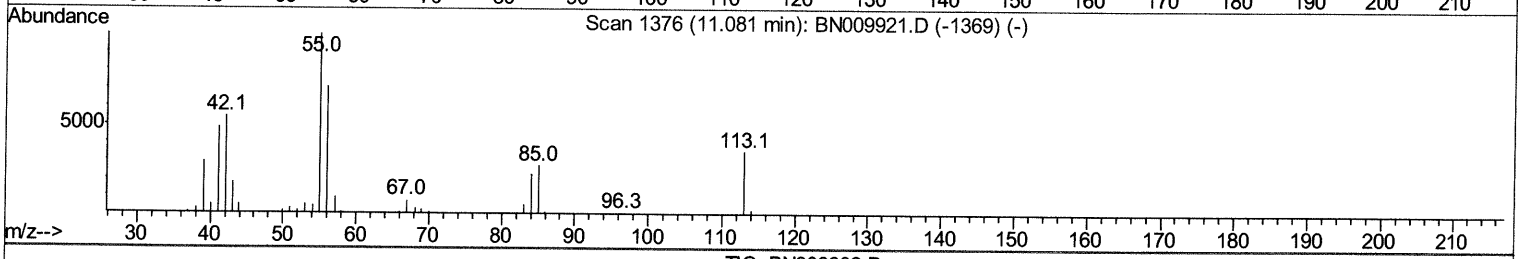

TIC: BN009932.D

(32) Caprolactam

11.093min (+0.000) 18.75ng/ul m JU 02/27/20

response 34551

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	285.53
56.00	202.00	217.96
0.00	0.00	0.00

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ALS Vial : 2 Sample Multiplier: 1

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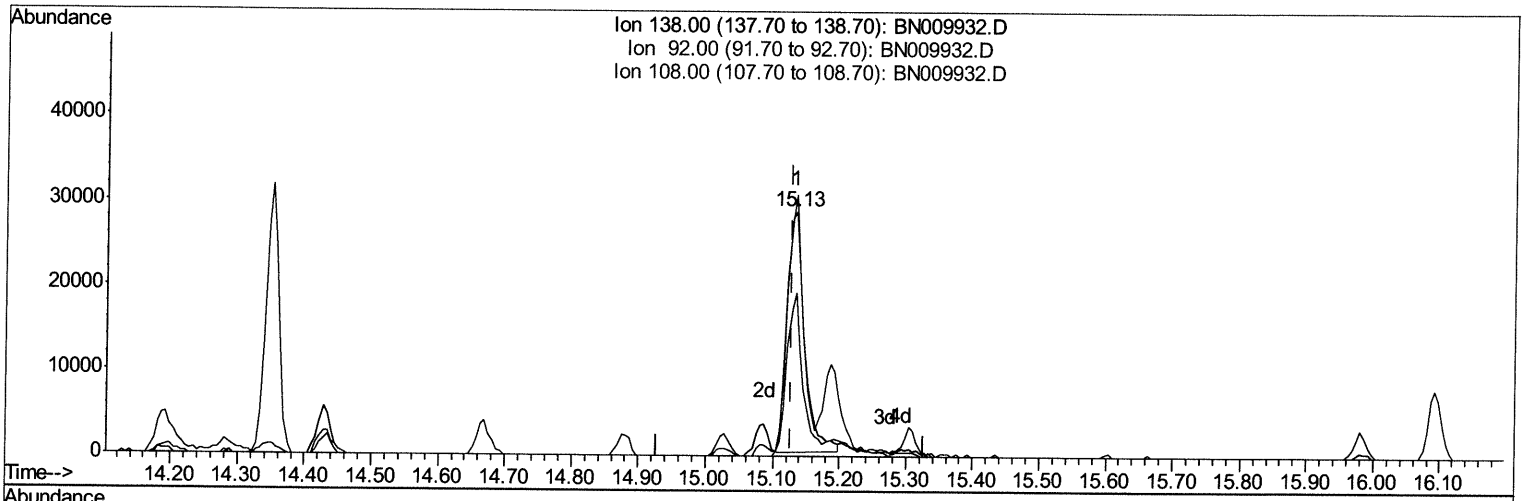

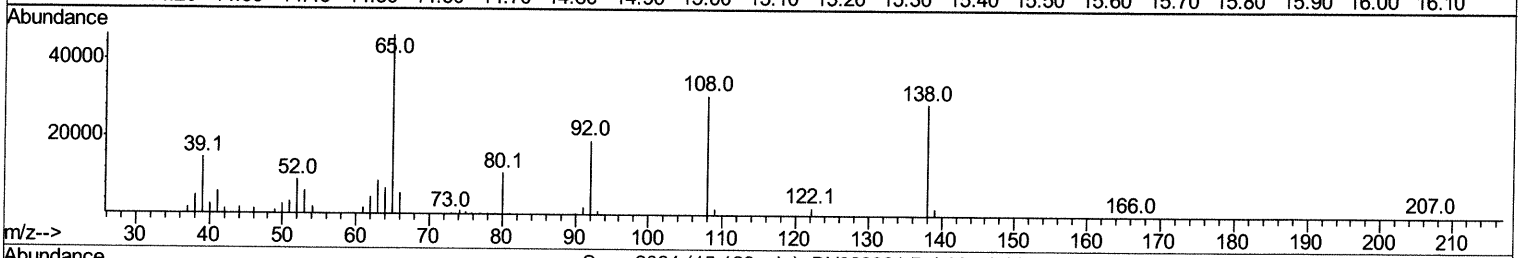

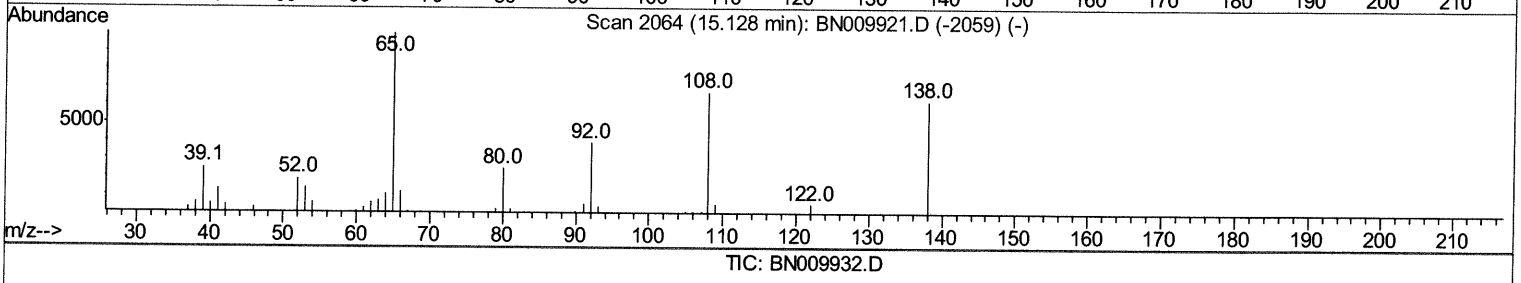

TIC: BN009932.D

(61) 4-Nitroaniline

15.134min (+0.006) 12.83ng/ul

response 51583

Ion	Exp%	Act%
138.00	100	100
92.00	59.70	66.69
108.00	90.40	107.22
0.00	0.00	0.00

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Manual Integrations APPROVED
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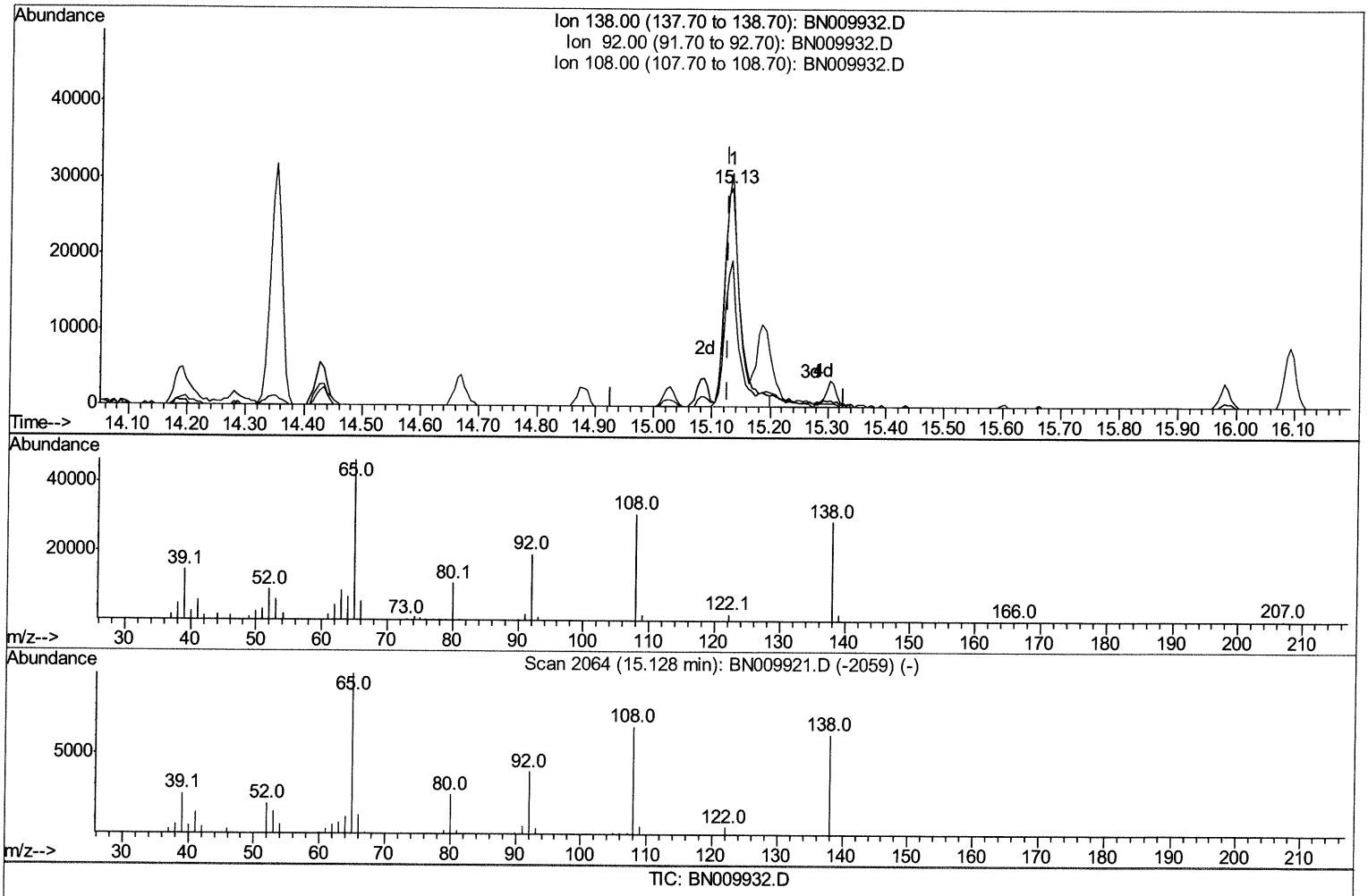

TIC: BN009932.D

(61) 4-Nitroaniline

15.134min (+0.006) 14.89ng/ul m JU 02/27/20

response 59890

Ion	Exp%	Act%
138.00	100	100
92.00	59.70	66.69
108.00	90.40	107.22
0.00	0.00	0.00

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Misc :
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Manual Integrations APPROVED
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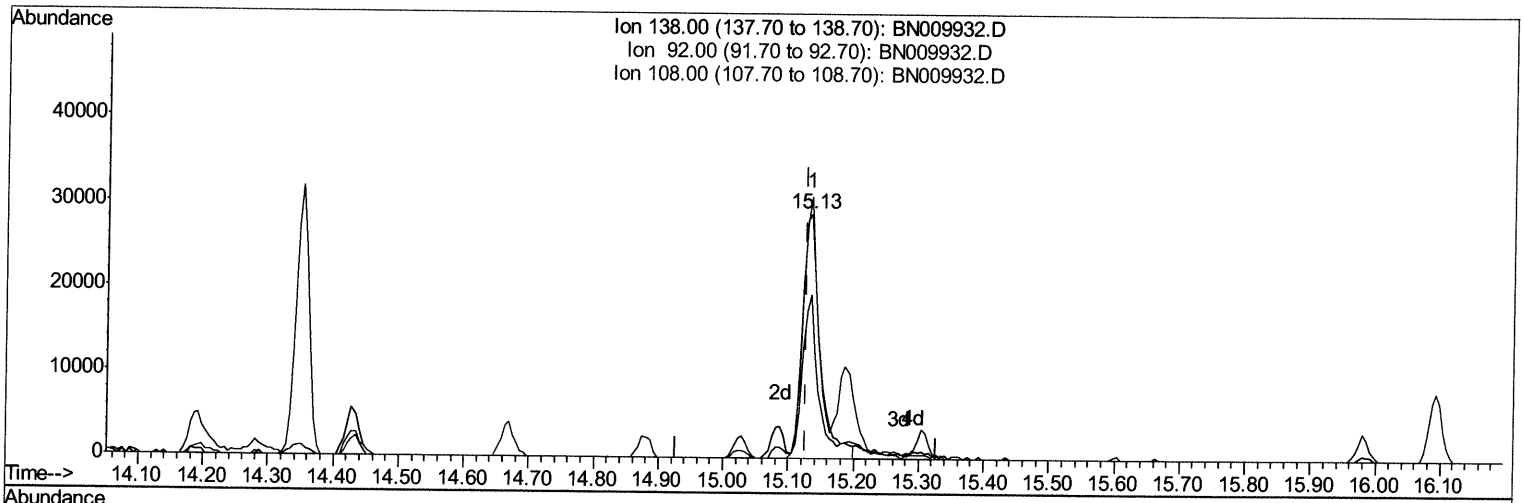

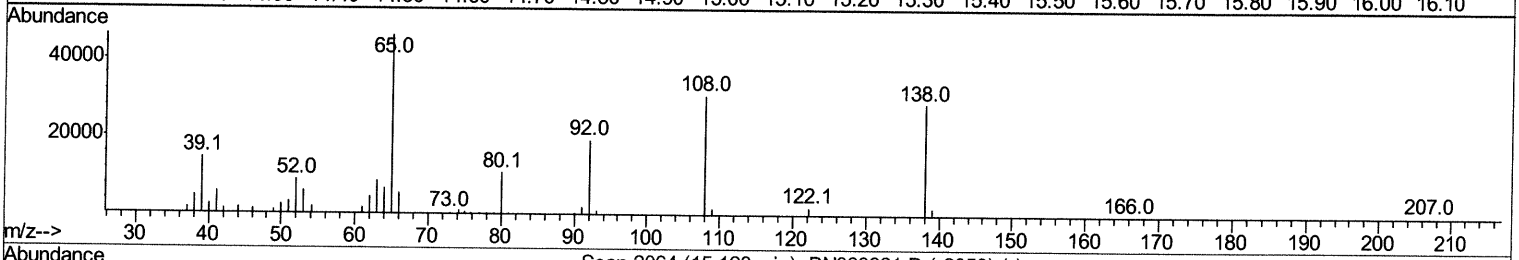

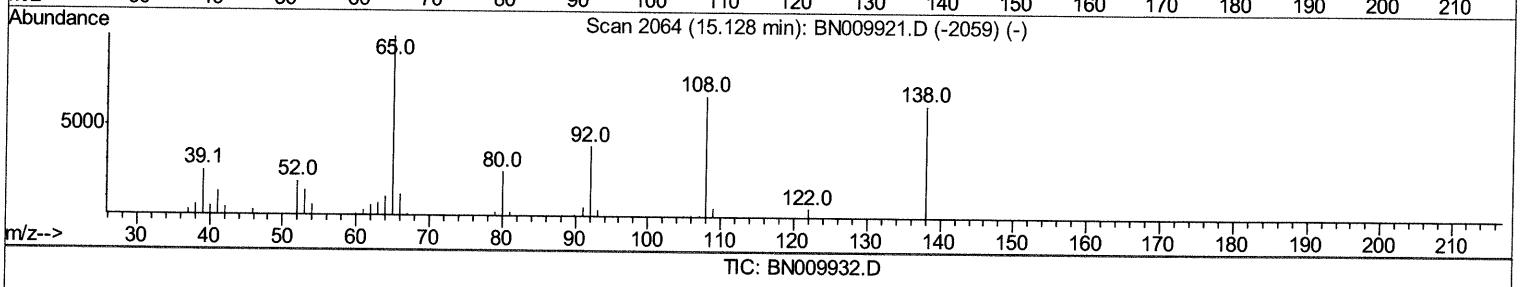

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(61) 4-Nitroaniline

15.134min (+0.006) 14.89ng/ul m Ju 02/27/20

response 59890

Ion	Exp%	Act%
138.00	100	100
92.00	59.70	66.69
108.00	90.40	107.22
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	7.38	152	81411	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	353884	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	234073	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	507328	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	514539	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	521288	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	16210	8.19	ng/uL	0.00
5) Phenol-d5	6.59	99	143563	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	103183	21.59	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	110578	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	120595	21.89	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	55647	21.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	60198	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	115410	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	137659	22.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	361946	20.70	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	438017	21.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	57157	17.90	ng/ul	0.00
58) Fluorene-d10	15.03	176	327535	21.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	57472	18.24	ng/ul	0.00
71) Anthracene-d10	16.88	188	483477	20.79	ng/ul	0.00
79) Pyrene-d10	19.19	212	550879	20.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	554951	21.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	18050	7.938	ng/uL	98
4) Benzaldehyde	6.55	77	58864	12.783	ng/ul	87
6) Phenol	6.61	94	150871	20.331	ng/ul	91
8) Bis(2-Chloroethyl)ether	6.83	93	123991	21.259	ng/ul	97
10) 2-Chlorophenol	6.96	128	112341	20.458	ng/ul	95
11) 2-Methylphenol	7.83	108	110262	20.305	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.91	45	338795	23.696	ng/ul	100
14) Acetophenone	8.20	105	192131	21.406	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.19	70	106026	22.607	ng/ul	90
16) 4-Methylphenol	8.16	108	125440	21.053	ng/ul	96
17) Hexachloroethane	8.43	117	53529	21.426	ng/ul	93
20) Nitrobenzene	8.57	77	160000	20.973	ng/ul	99
21) Isophorone	9.09	82	285266	21.247	ng/ul	100
23) 2-Nitrophenol	9.27	139	66579	21.008	ng/ul	99
24) 2,4-Dimethylphenol	9.34	107	146082	21.230	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.57	93	171058	20.846	ng/ul	98
27) 2,4-Dichlorophenol	9.80	162	115731	21.067	ng/ul	96
28) Naphthalene	10.17	128	399155	20.916	ng/ul	99
30) 4-Chloroaniline	10.31	127	138960	22.182	ng/ul#	88
31) Hexachlorobutadiene	10.46	225	76931	20.941	ng/ul	91
32) Caprolactam	11.09	113	34551m >	18.755	ng/ul >	99
33) 4-Chloro-3-methylphenol	11.45	107	130853	20.831	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	285613	21.554	ng/ul	96

JU 02/27/20

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LabSampleId : SSTD02064

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.02	142	282957	21.303 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	143330	20.658 ng/ul	95
38) Hexachlorocyclopentadiene	12.16	237	46087	15.353 ng/ul	97
39) 2,4,6-Trichlorophenol	12.44	196	88982	20.207 ng/ul	98
40) 2,4,5-Trichlorophenol	12.52	196	96912	20.515 ng/ul	97
41) 1,1'-Biphenyl	12.85	154	368985	20.524 ng/ul	96
42) 2-Chloronaphthalene	12.88	162	294997	20.661 ng/ul	98
43) 2-Nitroaniline	13.11	65	110705	21.203 ng/ul	99
45) Dimethylphthalate	13.50	163	372780	20.433 ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	74578	20.882 ng/ul	94
48) Acenaphthylene	13.74	152	470652	21.117 ng/ul	100
49) 3-Nitroaniline	13.96	138	55583	16.857 ng/ul	98
50) Acenaphthene	14.09	153	321704	21.056 ng/ul	98
51) 2,4-Dinitrophenol	14.19	184	31410	15.319 ng/ul	91
53) 4-Nitrophenol	14.29	109	57707	20.028 ng/ul	85
54) Dibenzofuran	14.43	168	447447	20.865 ng/ul	95
55) 2,4-Dinitrotoluene	14.43	165	112003	21.160 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.67	232	84284	20.751 ng/ul	98
57) Diethylphthalate	14.88	149	387968	20.710 ng/ul	98
59) Fluorene	15.08	166	378740	21.044 ng/ul	93
60) 4-Chlorophenyl-phenylether	15.09	204	183347	20.656 ng/ul	98
61) 4-Nitroaniline	15.13	138	59890m	14.895 ng/ul	Ju 02/27/20
64) 4,6-Dinitro-2-methylphenol	15.20	198	59563	17.544 ng/ul	94
65) N-Nitrosodiphenylamine	15.30	169	312618	20.768 ng/ul	98
66) 4-Bromophenyl-phenylether	15.98	248	99007	19.503 ng/ul	92
67) Hexachlorobenzene	16.09	284	115261	20.519 ng/ul	98
68) Atrazine	16.27	200	112971	19.784 ng/ul	94
69) Pentachlorophenol	16.45	266	54487	16.785 ng/ul	96
70) Phenanthrene	16.82	178	600483	20.740 ng/ul	98
72) Anthracene	16.92	178	608078	20.544 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	144970	19.559 ng/uL	99
74) Pentachlorobenzene	14.35	250	140297	19.628 ng/uL	91
75) Carbazole	17.20	167	507727	19.479 ng/ul	99
76) Di-n-butylphthalate	17.77	149	648152	20.147 ng/ul	99
77) Fluoranthene	18.86	202	694988	20.492 ng/ul	97
80) Pyrene	19.22	202	724950	19.543 ng/ul	98
81) Butylbenzylphthalate	20.16	149	298701	19.587 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.93	252	185457	16.531 ng/ul	100
83) Benzo(a)anthracene	20.99	228	678568	19.191 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.94	149	453457	19.476 ng/ul	100
85) Chrysene	21.04	228	668795	19.212 ng/ul	98
87) Di-n-octyl phthalate	21.80	149	751908	19.058 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	680806	20.143 ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	680851	21.275 ng/ul	99
91) Benzo(a)pyrene	23.02	252	619533	20.380 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	730589	20.243 ng/ul	96
93) Dibenzo(a,h)anthracene	25.15	278	618820	20.043 ng/ul	97
94) Benzo(g,h,i)perylene	25.76	276	604333	19.970 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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