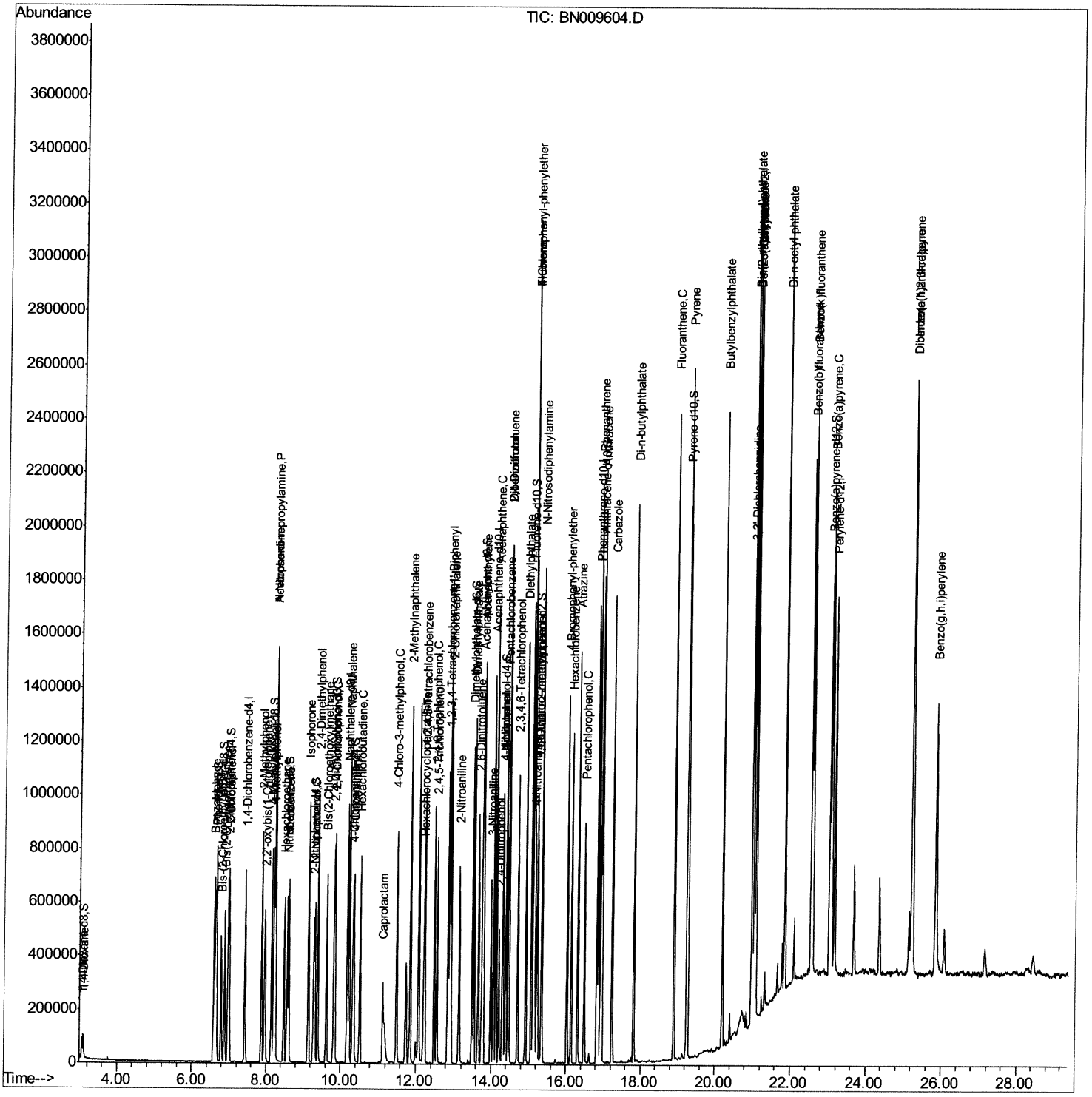
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020320\
Data File : BN009604.D
Acq On : 05 Feb 2020 17:26
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 80 Sample Multiplier: 1

Quant Time: Feb 05 18:15:17 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 :
SSTD02051

Manual Integrations APPROVED
mohammad
2/6/2020 8:12:44 AM



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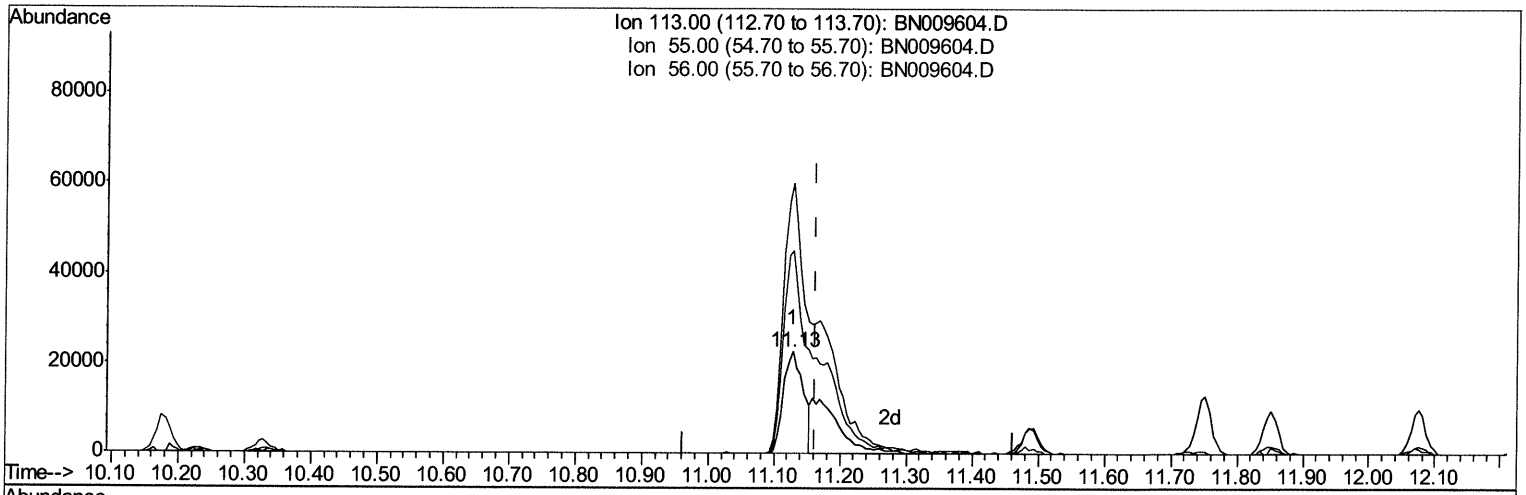

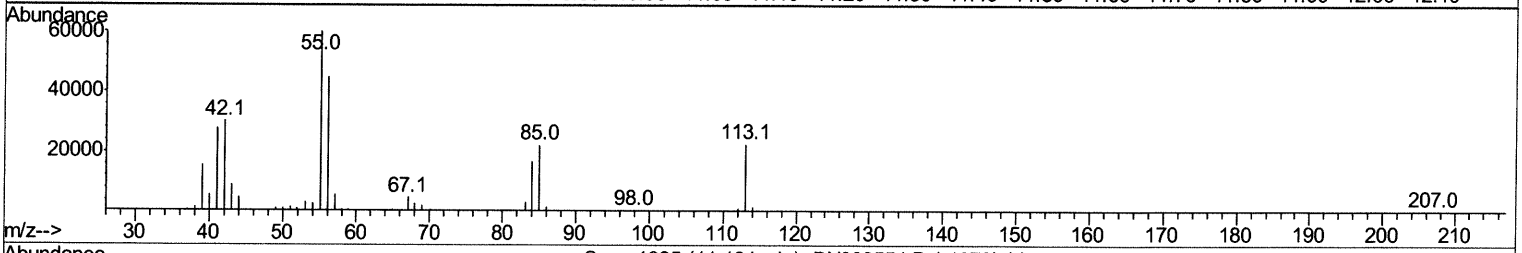

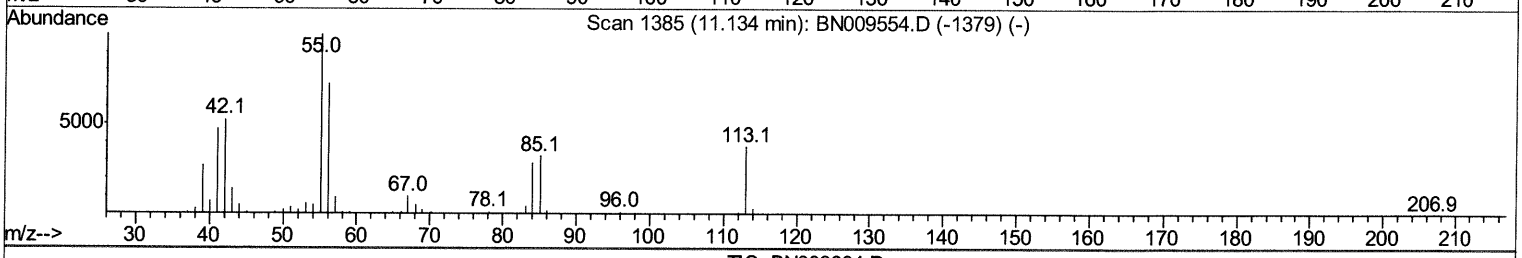

TIC: BN009604.D

(32) Caprolactam

11.128min (-0.035) 12.37ng/ul

response 46736

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	266.50
56.00	199.10	200.21
0.00	0.00	0.00

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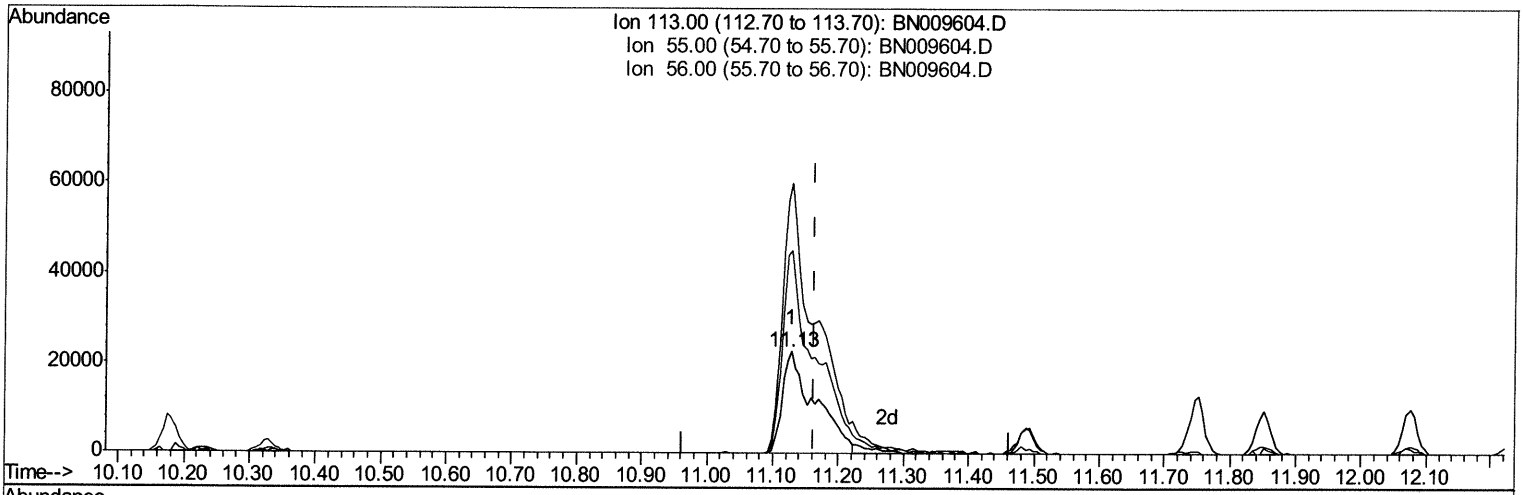

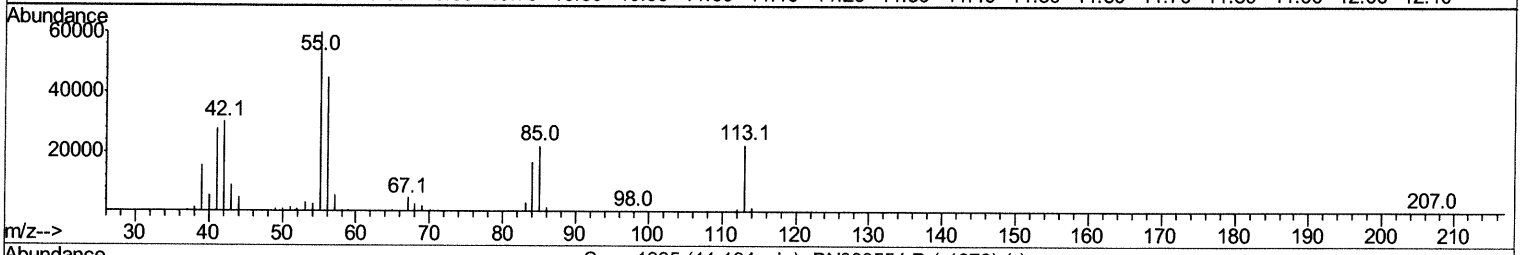

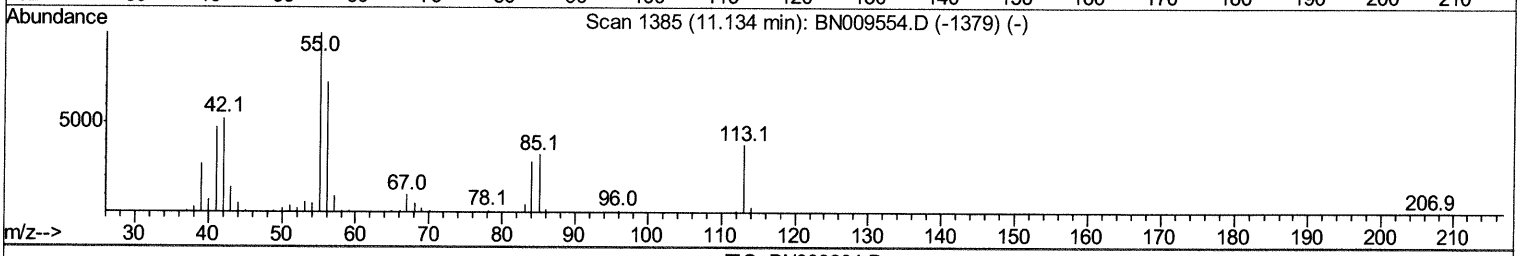

TIC: BN009604.D

(32) Caprolactam

11.128min (-0.035) 20.94ng/ul m JU 02/06/20

response 79116

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	266.50
56.00	199.10	200.21
0.00	0.00	0.00

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Manual Integrations APPROVED
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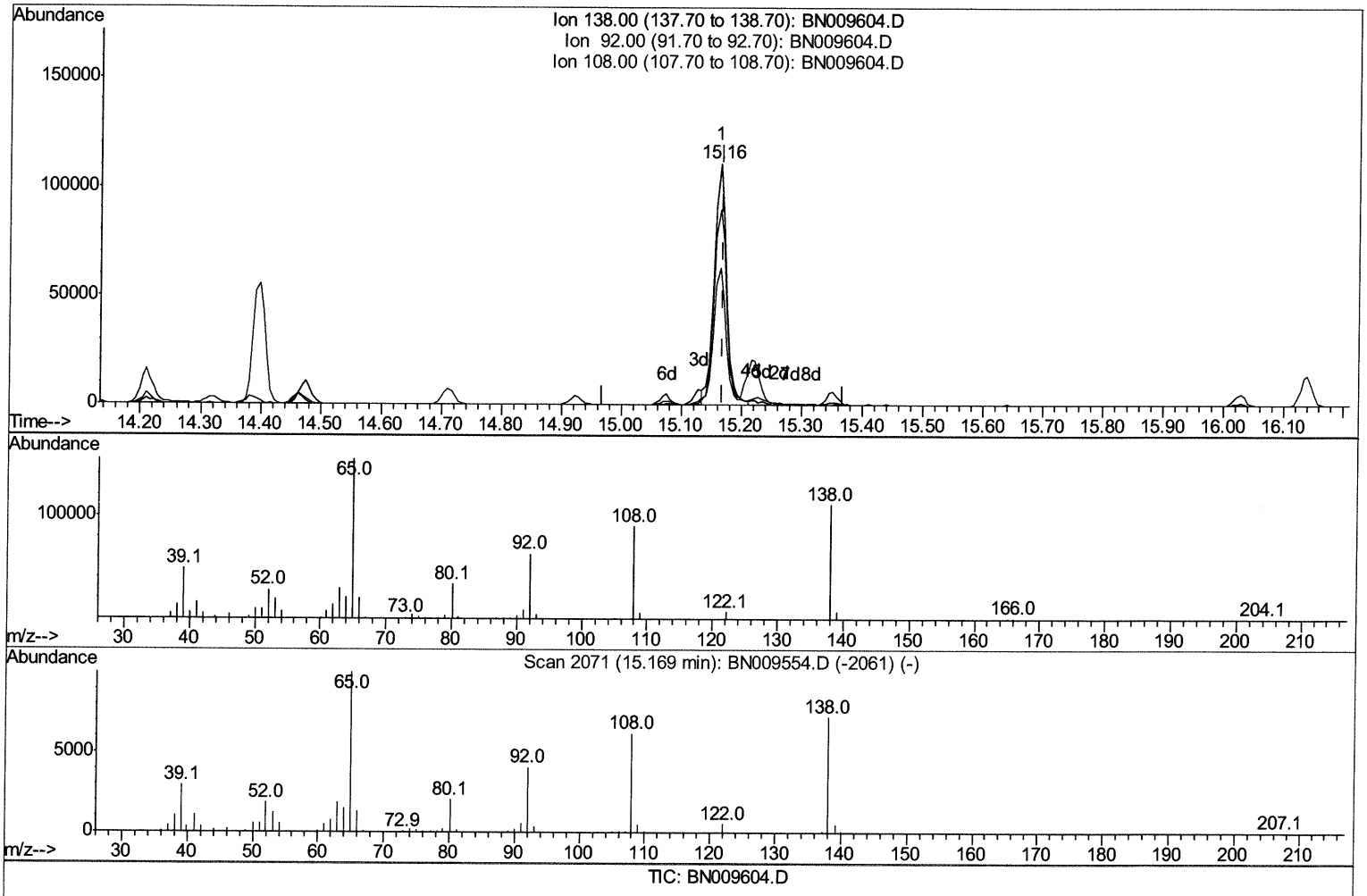

(60) 4-Nitroaniline

15.163min (-0.006) 20.16ng/ul

response 157771

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	56.62
108.00	93.90	81.01
0.00	0.00	0.00

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Instrument :
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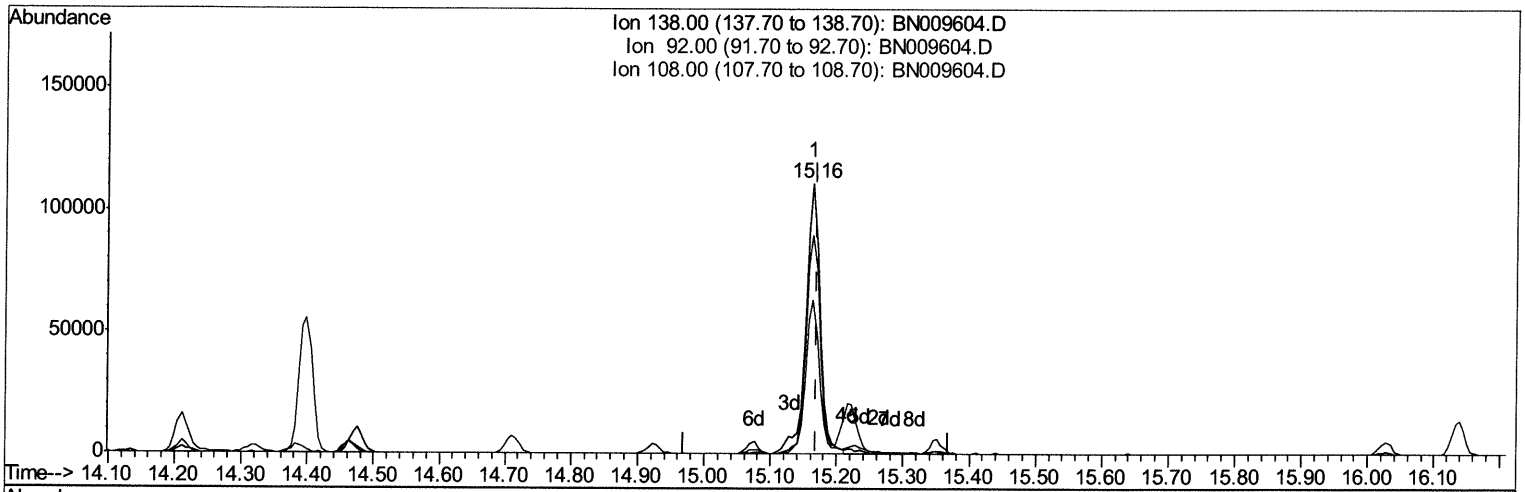
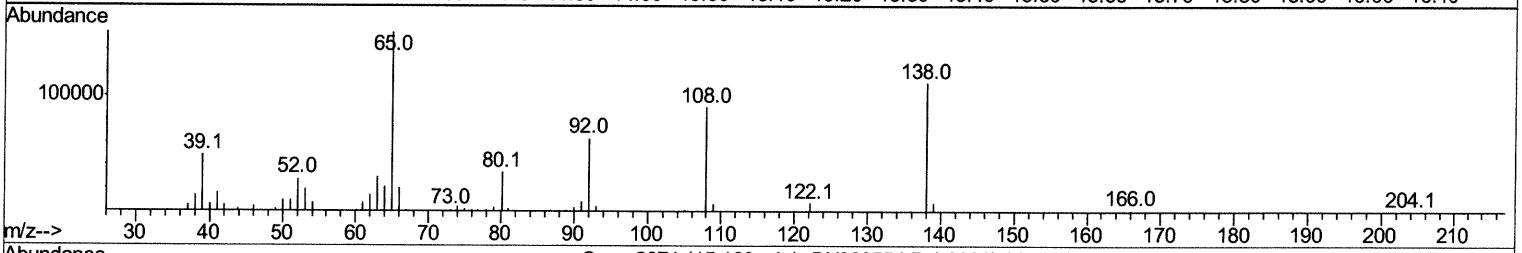
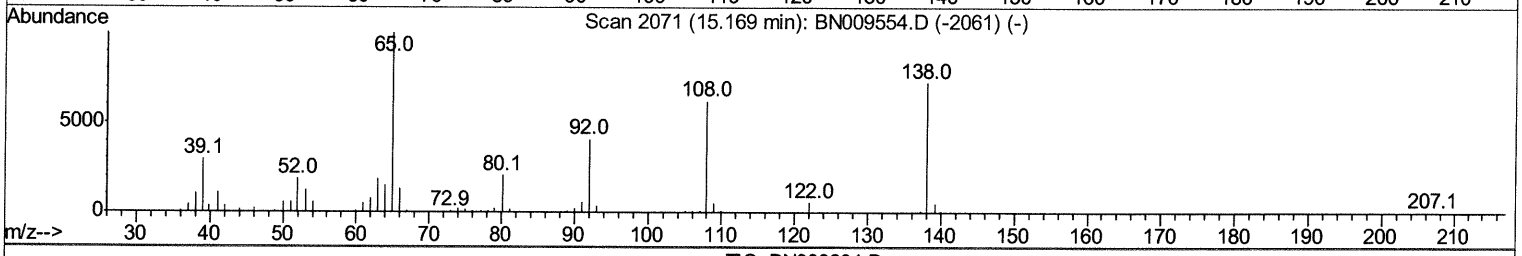
Manual Integrations APPROVED
mohammad
2/6/2020 8:12:44 AM







TIC: BN009604.D

(60) 4-Nitroaniline

15.163min (-0.006) 21.11ng/ul m JU 02/06/20

response 165227

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	56.62
108.00	93.90	81.01
0.00	0.00	0.00

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Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
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Manual Integrations APPROVED
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2/6/2020 8:12:44 AM

Quant Time: Feb 05 18:15:17 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	167931	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.18	136	714442	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.07	164	447515	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	938485	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	851360	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	887354	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	30732	7.51	ng/uL	0.00
5) Phenol-d5	6.63	99	313473	21.40	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.78	67	210116	21.36	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.97	132	244123	22.65	ng/ul	-0.02
13) 4-Methylphenol-d8	8.14	113	246942	21.17	ng/ul	-0.02
19) Nitrobenzene-d5	8.57	128	117472	22.11	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.28	143	136120	22.96	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.82	165	244317	21.99	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.33	131	259886	21.76	ng/ul	-0.01
43) Dimethylphthalate-d6	13.49	166	709109	21.71	ng/ul	-0.01
46) Acenaphthylene-d8	13.76	160	873450	22.13	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.30	143	130831	21.20	ng/ul	0.00
57) Fluorene-d10	15.07	176	614656	21.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	121295	20.69	ng/ul	0.00
70) Anthracene-d10	16.93	188	931161	21.84	ng/ul	0.00
78) Pyrene-d10	19.23	212	995508	22.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	946011	21.65	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	35770	7.661	ng/uL	96
4) Benzaldehyde	6.59	77	223605	22.252	ng/ul	98
6) Phenol	6.65	94	331100	21.154	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.88	93	263686	21.598	ng/ul	99
10) 2-Chlorophenol	7.00	128	249748	22.329	ng/ul	97
11) 2-Methylphenol	7.88	108	249460	21.568	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.96	45	585054	20.030	ng/ul	98
14) Acetophenone	8.24	105	400691	21.470	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.23	70	217445	22.001	ng/ul	95
16) 4-Methylphenol	8.20	108	274431	21.654	ng/ul	98
17) Hexachloroethane	8.48	117	107049	21.116	ng/ul	92
20) Nitrobenzene	8.61	77	325029	21.302	ng/ul	95
21) Isophorone	9.13	82	598804	21.812	ng/ul	99
23) 2-Nitrophenol	9.31	139	144962	22.446	ng/ul	97
24) 2,4-Dimethylphenol	9.39	107	299994	21.389	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	358897	21.509	ng/ul	99
27) 2,4-Dichlorophenol	9.84	162	244447	21.686	ng/ul	98
28) Naphthalene	10.23	128	811621	20.949	ng/ul	99
30) 4-Chloroaniline	10.35	127	262658	21.297	ng/ul	97
31) Hexachlorobutadiene	10.52	225	150049	20.846	ng/ul	98
32) Caprolactam	11.13	113	79116m >	20.938	ng/ul >	JU 02/06/20
33) 4-Chloro-3-methylphenol	11.49	107	288211	21.931	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	574070	21.173	ng/ul	98

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2/6/2020 8:12:44 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	277482	21.309 ng/ul	95
37) Hexachlorocyclopentadiene	12.21	237	119351	16.840 ng/ul	93
38) 2,4,6-Trichlorophenol	12.49	196	194010	22.883 ng/ul	95
39) 2,4,5-Trichlorophenol	12.56	196	211323	22.764 ng/ul	94
40) 1,1'-Biphenyl	12.89	154	738029	21.181 ng/ul	98
41) 2-Chloronaphthalene	12.93	162	588303	21.500 ng/ul	97
42) 2-Nitroaniline	13.15	65	222770	22.526 ng/ul	90
44) Dimethylphthalate	13.55	163	745492	21.503 ng/ul	98
45) 2,6-Dinitrotoluene	13.66	165	157045	23.200 ng/ul	96
47) Acenaphthylene	13.79	152	939847	21.757 ng/ul	99
48) 3-Nitroaniline	13.99	138	138204	22.484 ng/ul	98
49) Acenaphthene	14.13	153	622371	21.193 ng/ul	99
50) 2,4-Dinitrophenol	14.21	184	84925	20.329 ng/ul	96
52) 4-Nitrophenol	14.32	109	113444	20.551 ng/ul	93
53) Dibenzofuran	14.47	168	870049	21.276 ng/ul	99
54) 2,4-Dinitrotoluene	14.46	165	224802	22.642 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.71	232	174610	22.150 ng/ul	98
56) Diethylphthalate	14.93	149	759335	21.891 ng/ul	98
58) Fluorene	15.13	166	728987	21.331 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.13	204	360726	21.730 ng/ul	94
60) 4-Nitroaniline	15.16	138	165227m	21.113 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.23	198	132034	20.863 ng/ul	93
64) N-Nitrosodiphenylamine	15.35	169	610346	21.761 ng/ul	97
65) 4-Bromophenyl-phenylether	16.03	248	205337	22.204 ng/ul	97
66) Hexachlorobenzene	16.14	284	222806	21.979 ng/ul	92
67) Atrazine	16.32	200	220944	21.477 ng/ul	94
68) Pentachlorophenol	16.49	266	135208	22.109 ng/ul	94
69) Phenanthrene	16.87	178	1161074	21.694 ng/ul	99
71) Anthracene	16.96	178	1158082	21.325 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.85	216	305361	22.251 ng/uL	96
73) Pentachlorobenzene	14.40	250	291355	21.996 ng/uL	98
74) Carbazole	17.23	167	1023526	21.647 ng/ul	99
75) Di-n-butylphthalate	17.82	149	1286506	22.197 ng/ul	99
76) Fluoranthene	18.90	202	1303522	21.340 ng/ul	99
79) Pyrene	19.26	202	1392152	22.400 ng/ul	98
80) Butylbenzylphthalate	20.20	149	595698	23.924 ng/ul	98
81) 3,3'-Dichlorobenzidine	20.97	252	402675	22.102 ng/ul	98
82) Benzo(a)anthracene	21.03	228	1268640	21.582 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.99	149	863855	23.025 ng/ul	98
84) Chrysene	21.08	228	1209809	20.674 ng/ul	97
86) Di-n-octyl phthalate	21.85	149	1493063	22.809 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1177291	21.206 ng/ul	99
88) Benzo(k)fluoranthene	22.58	252	1245513	22.780 ng/ul	99
90) Benzo(a)pyrene	23.07	252	1108835	21.557 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	1296176	21.195 ng/ul	96
92) Dibenzo(a,h)anthracene	25.24	278	1113677	21.635 ng/ul	98
93) Benzo(g,h,i)perylene	25.85	276	1080184	21.075 ng/ul	96

> JU 02/06/20

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