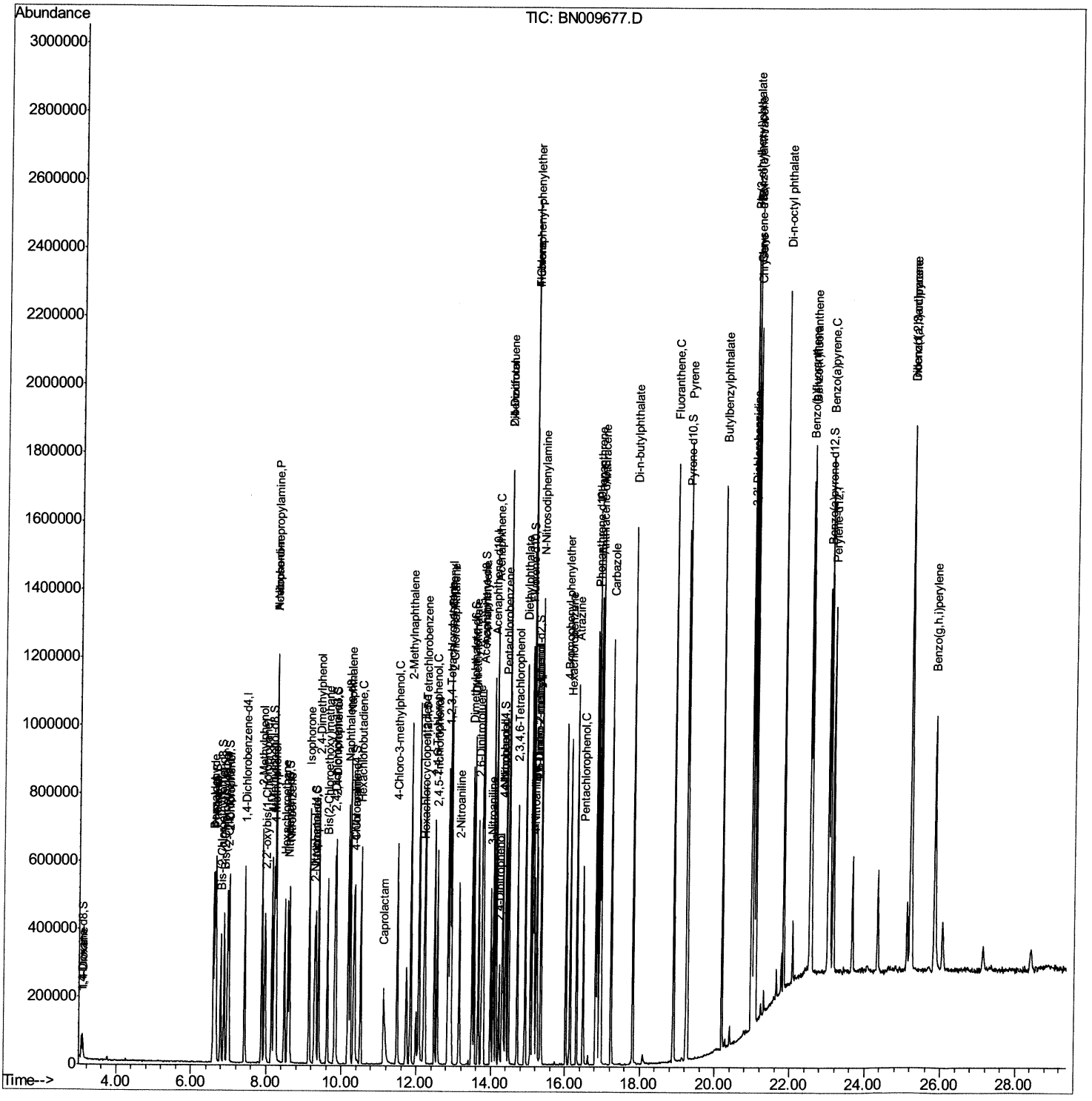
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009677.D
Acq On : 08 Feb 2020 10:09
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Feb 10 03:46:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02063

Manual Integrations APPROVED
mohammad
2/11/2020 8:24:41 AM



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Quant Time: Feb 10 02:43:01 2020
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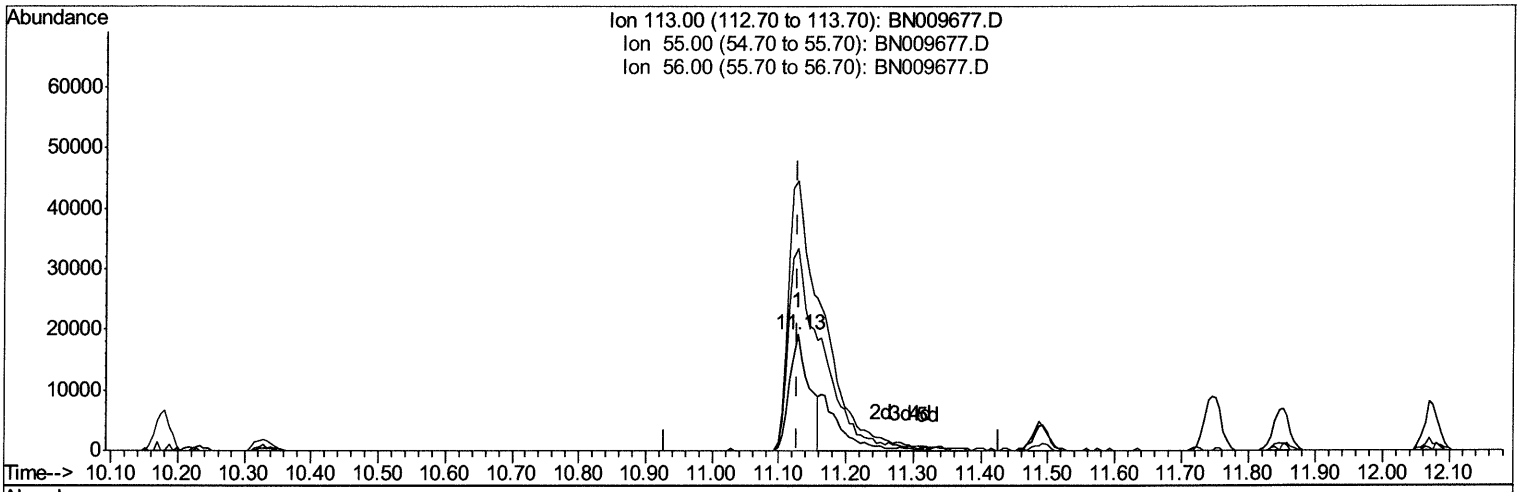

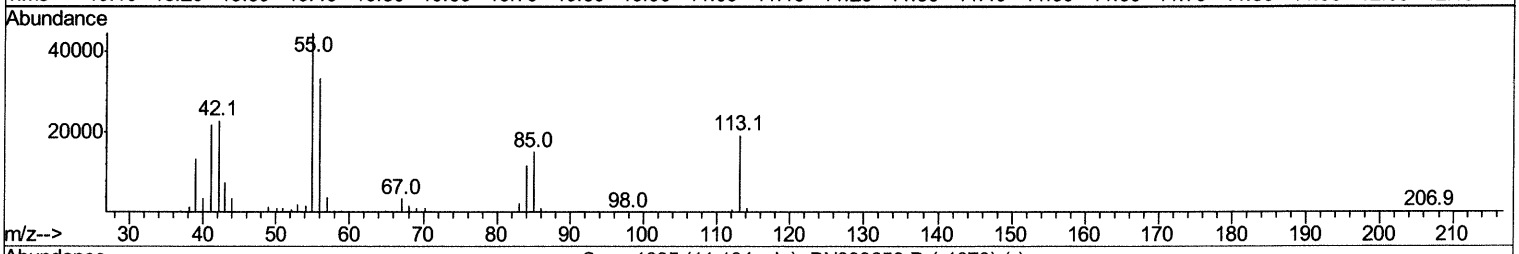

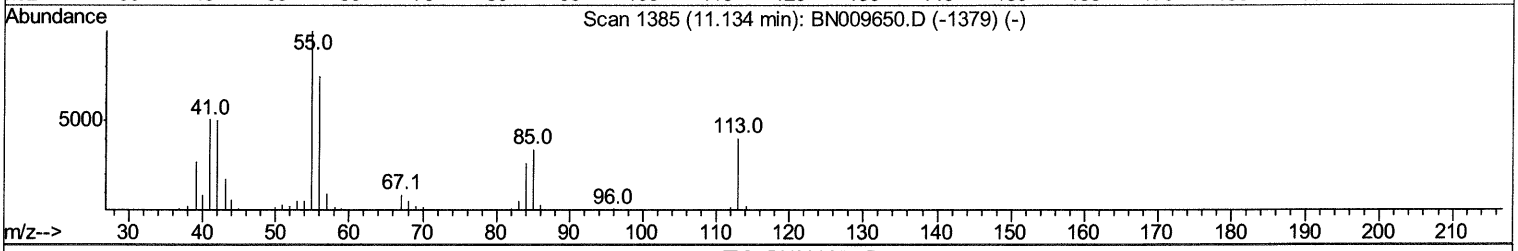

TIC: BN009677.D

(32) Caprolactam

11.128min (-0.000) 13.43ng/ul

response 39344

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	232.47
56.00	199.10	174.00
0.00	0.00	0.00

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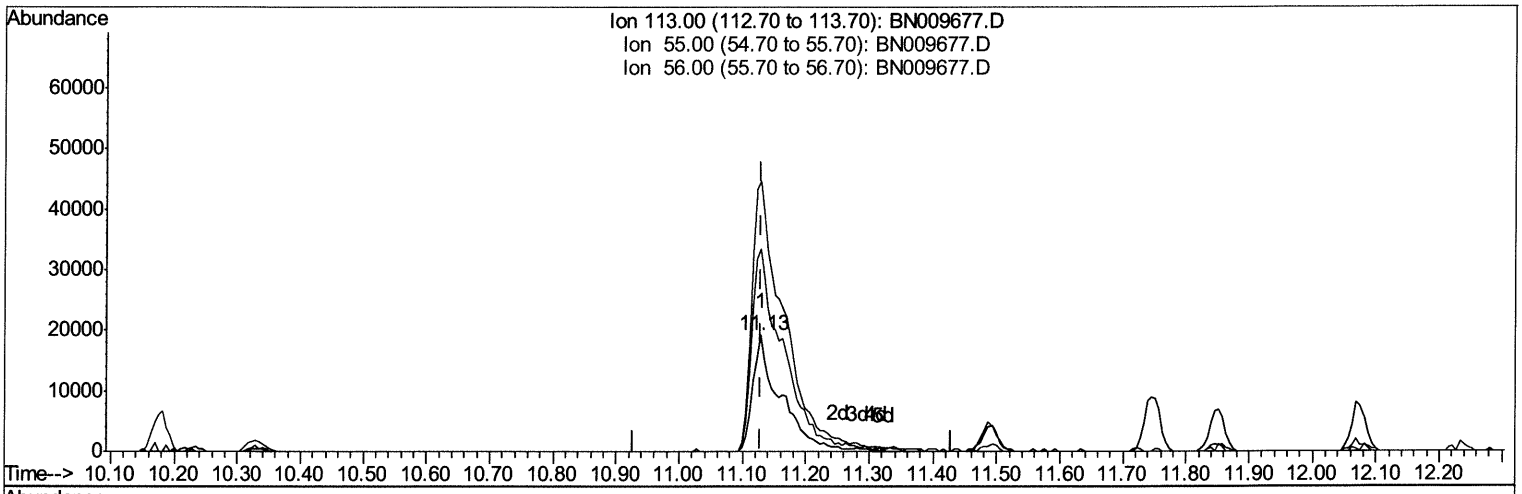

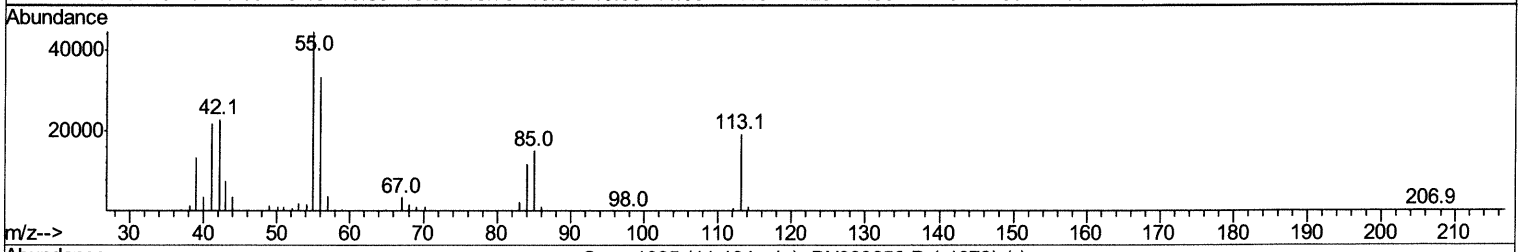

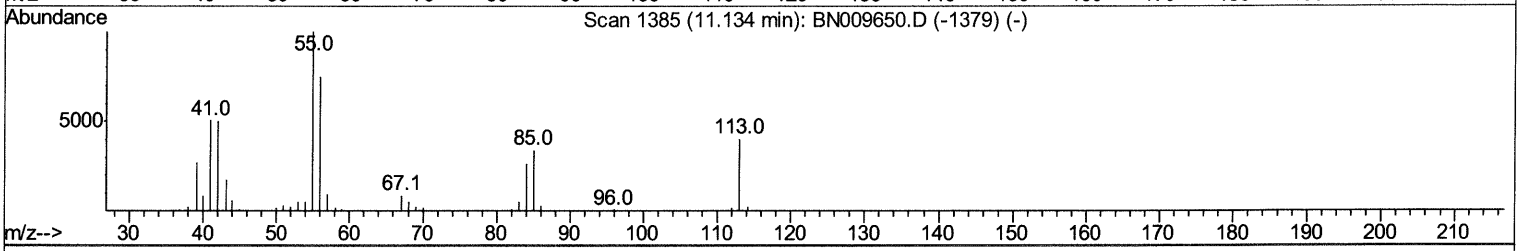

TIC: BN009677.D

(32) Caprolactam

11.128min (-0.000) 20.42ng/ul m JU 02/13/20

response 59788

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	232.47
56.00	199.10	174.00
0.00	0.00	0.00

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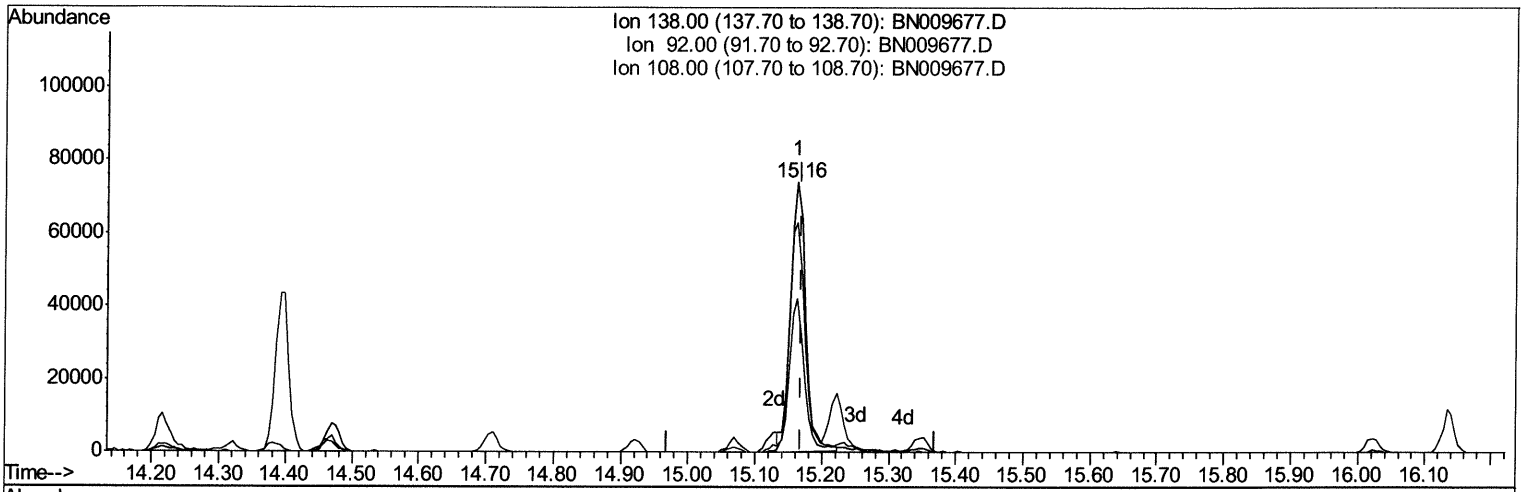

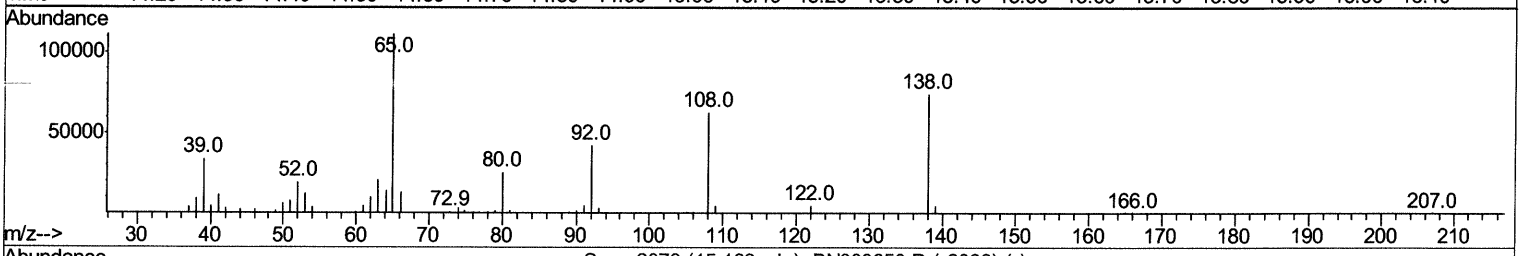

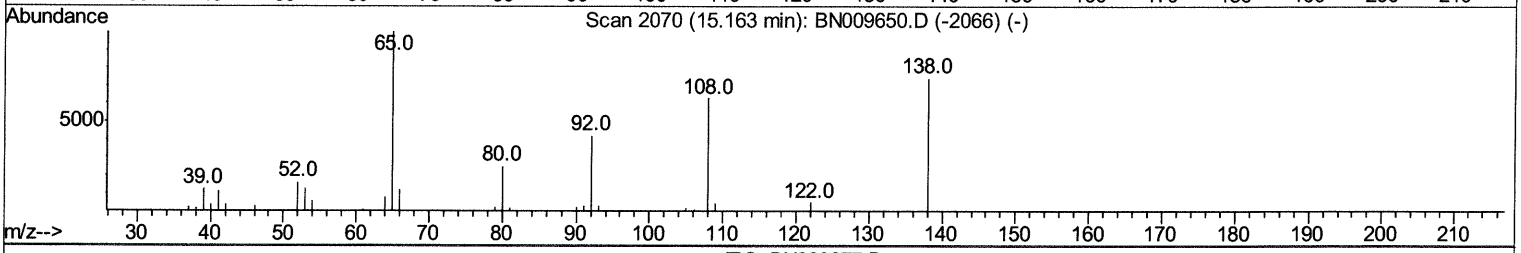

TIC: BN009677.D

(60) 4-Nitroaniline

15.163min (-0.006) 19.09ng/ul

response 116126

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	56.95
108.00	93.90	85.10
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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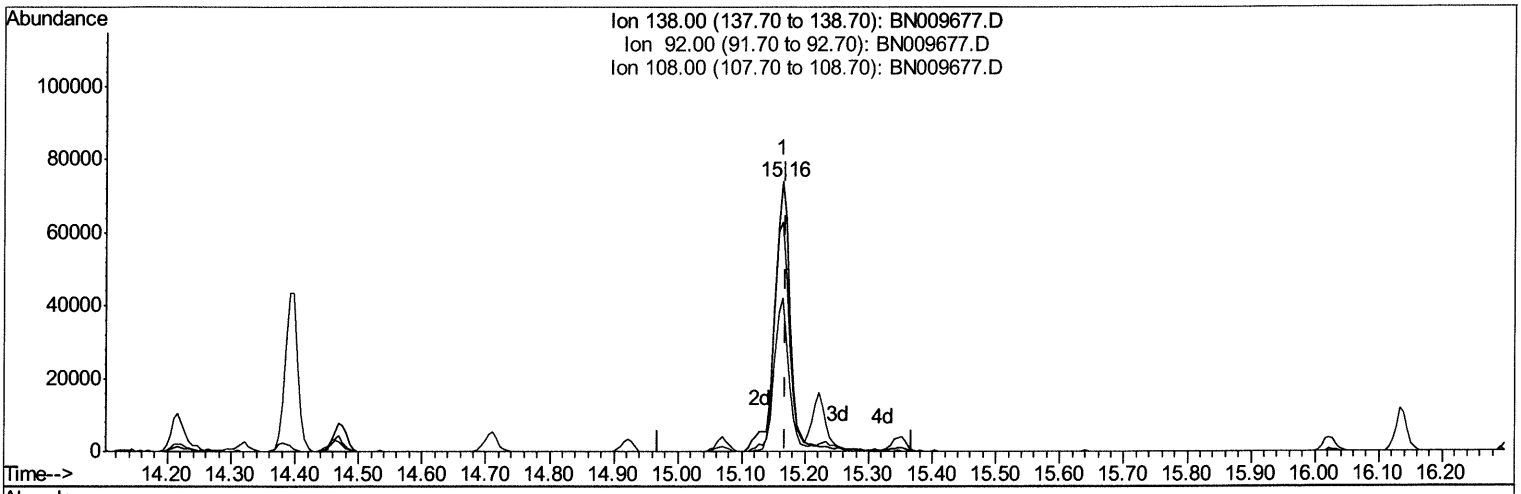

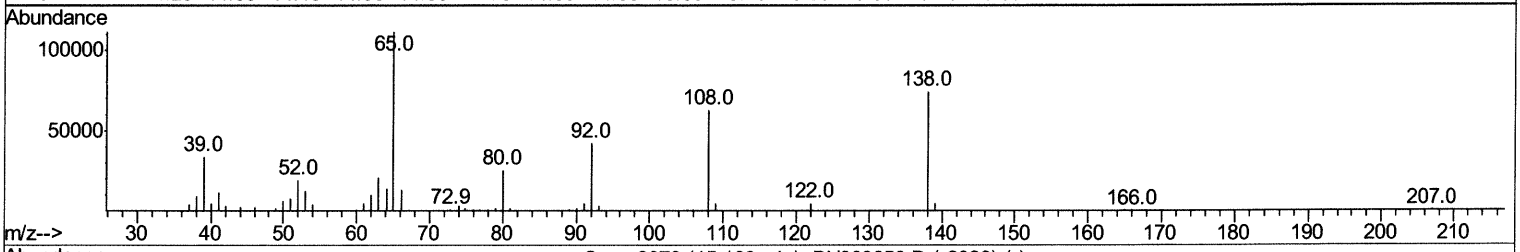

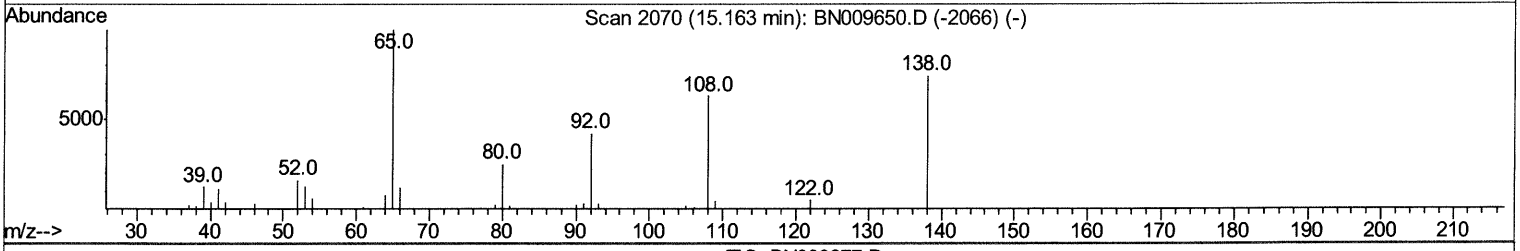

TIC: BN009677.D

(60) 4-Nitroaniline

15.163min (-0.006) 20.91ng/ul m JU 02/13/20

response 127163

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	56.95
108.00	93.90	85.10
0.00	0.00	0.00

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mohammad
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	132986	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	553731	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	347810	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	694811	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	624881	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	648513	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	25999	8.02	ng/uL	0.00
5) Phenol-d5	6.63	99	243473	20.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	164787	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	189902	22.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	195594	21.18	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	92732	22.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	104871	22.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	189751	22.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	195817	21.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	534262	21.04	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	660809	21.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	93270	19.45	ng/ul	0.00
57) Fluorene-d10	15.07	176	459753	20.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	85138	19.62	ng/ul	0.00
70) Anthracene-d10	16.92	188	685531	21.71	ng/ul	0.00
78) Pyrene-d10	19.23	212	731008	22.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	706881	22.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	28446	7.693	ng/uL	97
4) Benzaldehyde	6.59	77	171600	21.564	ng/ul	97
6) Phenol	6.66	94	256869	20.724	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.88	93	204807	21.183	ng/ul	98
10) 2-Chlorophenol	7.00	128	196607	22.197	ng/ul	95
11) 2-Methylphenol	7.88	108	191631	20.922	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.96	45	469679	20.305	ng/ul	99
14) Acetophenone	8.25	105	309039	20.910	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.23	70	170230	21.750	ng/ul	98
16) 4-Methylphenol	8.20	108	207657	20.690	ng/ul	93
17) Hexachloroethane	8.48	117	84045	20.935	ng/ul	98
20) Nitrobenzene	8.62	77	257854	21.804	ng/ul	96
21) Isophorone	9.13	82	464591	21.835	ng/ul	98
23) 2-Nitrophenol	9.32	139	111871	22.349	ng/ul	97
24) 2,4-Dimethylphenol	9.39	107	234868	21.606	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.62	93	276147	21.353	ng/ul	99
27) 2,4-Dichlorophenol	9.84	162	188937	21.626	ng/ul	97
28) Naphthalene	10.23	128	647936	21.577	ng/ul	98
30) 4-Chloroaniline	10.35	127	198860	20.804	ng/ul	100
31) Hexachlorobutadiene	10.52	225	121869	21.845	ng/ul	98
32) Caprolactam	11.13	113	59788m >	20.415	ng/ul >	JU02/13/20
33) 4-Chloro-3-methylphenol	11.49	107	215171	21.125	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	442712	21.067	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	223556	22.090	ng/ul	96
37) Hexachlorocyclopentadiene	12.21	237	106726	19.376	ng/ul	97
38) 2,4,6-Trichlorophenol	12.49	196	144682	21.957	ng/ul	97
39) 2,4,5-Trichlorophenol	12.56	196	157746	21.864	ng/ul	90
40) 1,1'-Biphenyl	12.89	154	572463	21.139	ng/ul	96
41) 2-Chloronaphthalene	12.93	162	453219	21.312	ng/ul	100
42) 2-Nitroaniline	13.15	65	168079	21.868	ng/ul	99
44) Dimethylphthalate	13.54	163	553439	20.539	ng/ul	99
45) 2,6-Dinitrotoluene	13.66	165	115192	21.895	ng/ul	94
47) Acenaphthylene	13.78	152	719662	21.436	ng/ul	98
48) 3-Nitroaniline	13.99	138	103632	21.693	ng/ul	97
49) Acenaphthene	14.13	153	478666	20.972	ng/ul	97
50) 2,4-Dinitrophenol	14.22	184	53871	16.592	ng/ul	98
52) 4-Nitrophenol	14.32	109	83008	19.348	ng/ul	95
53) Dibenzofuran	14.47	168	662323	20.839	ng/ul	99
54) 2,4-Dinitrotoluene	14.46	165	165650	21.467	ng/ul	84
55) 2,3,4,6-Tetrachlorophenol	14.71	232	128916	21.041	ng/ul	99
56) Diethylphthalate	14.92	149	562782	20.876	ng/ul	97
58) Fluorene	15.13	166	549587	20.691	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.13	204	271781	21.065	ng/ul	93
60) 4-Nitroaniline	15.16	138	127163m >	20.908	ng/ul >	Ju 02/13/20
63) 4,6-Dinitro-2-methylphenol	15.24	198	92850	19.817	ng/ul	95
64) N-Nitrosodiphenylamine	15.35	169	457653	22.039	ng/ul	99
65) 4-Bromophenyl-phenylether	16.03	248	153871	22.474	ng/ul	96
66) Hexachlorobenzene	16.14	284	165714	22.080	ng/ul	90
67) Atrazine	16.32	200	168388	22.109	ng/ul	94
68) Pentachlorophenol	16.49	266	90616	20.014	ng/ul	88
69) Phenanthrene	16.86	178	850316	21.459	ng/ul	99
71) Anthracene	16.96	178	870355	21.648	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.85	216	240491	23.670	ng/uL	99
73) Pentachlorobenzene	14.40	250	219807	22.414	ng/uL	94
74) Carbazole	17.23	167	749456	21.409	ng/ul	98
75) Di-n-butylphthalate	17.82	149	948035	22.094	ng/ul	99
76) Fluoranthene	18.89	202	963964	21.315	ng/ul	99
79) Pyrene	19.26	202	984619	21.585	ng/ul	97
80) Butylbenzylphthalate	20.19	149	421893	23.085	ng/ul	98
81) 3,3'-Dichlorobenzidine	20.96	252	295221	22.077	ng/ul	97
82) Benzo(a)anthracene	21.02	228	921065	21.348	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.98	149	606835	22.036	ng/ul	100
84) Chrysene	21.07	228	898979	20.930	ng/ul	99
86) Di-n-octyl phthalate	21.83	149	1039552	21.729	ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	897962	22.131	ng/ul	100
88) Benzo(k)fluoranthene	22.57	252	874668	21.889	ng/ul	99
90) Benzo(a)pyrene	23.06	252	825333	21.955	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.21	276	958081	21.436	ng/ul	98
92) Dibenzo(a,h)anthracene	25.22	278	800411	21.276	ng/ul	94
93) Benzo(g,h,i)perylene	25.84	276	783561	20.918	ng/ul	95

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