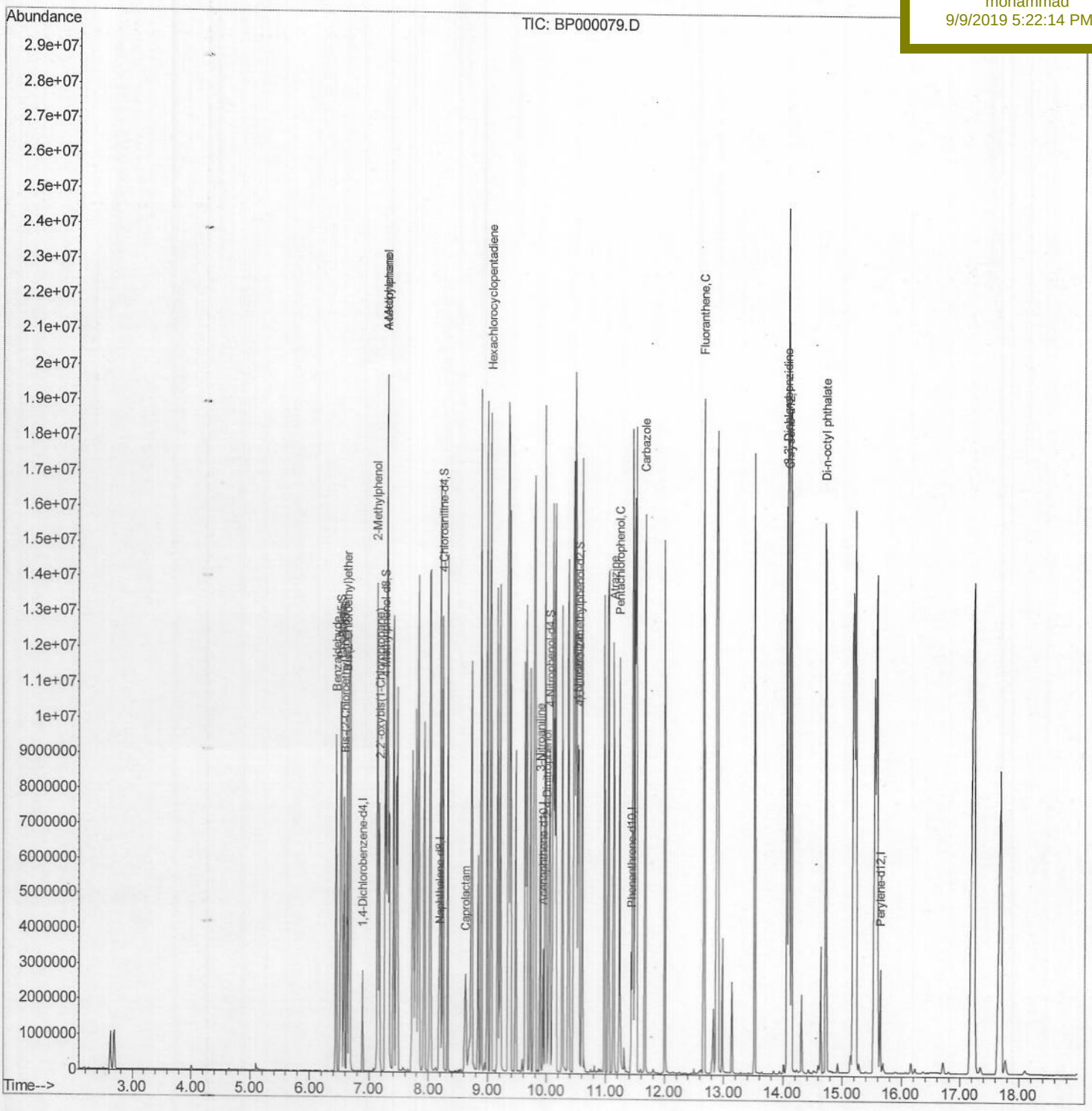
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090519\
Data File : BP000079.D
Acq On : 05 Sep 2019 19:52
Operator : HP/JU
Sample : SSTD16007
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 06 00:53:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 06 00:09:25 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD16007

Manual Integrations APPROVED
mohammad
9/9/2019 5:22:14 PM



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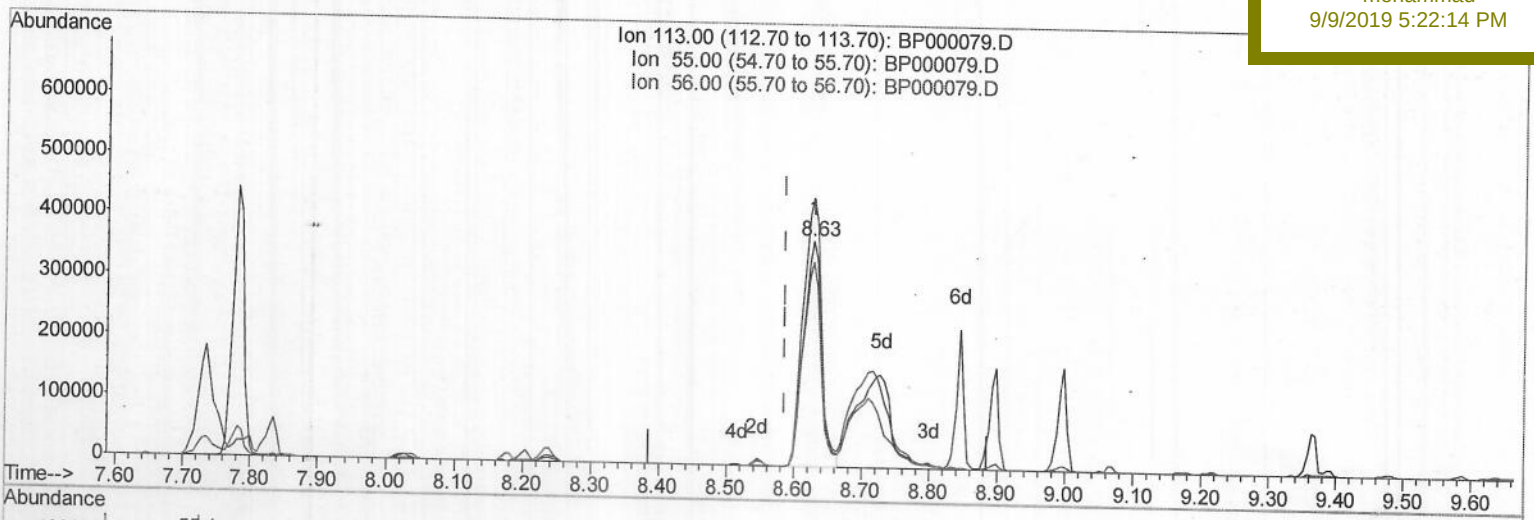

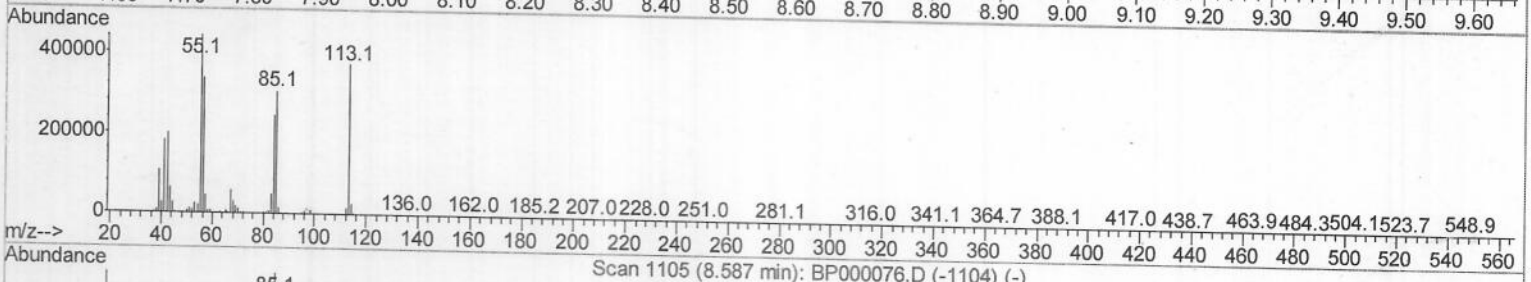

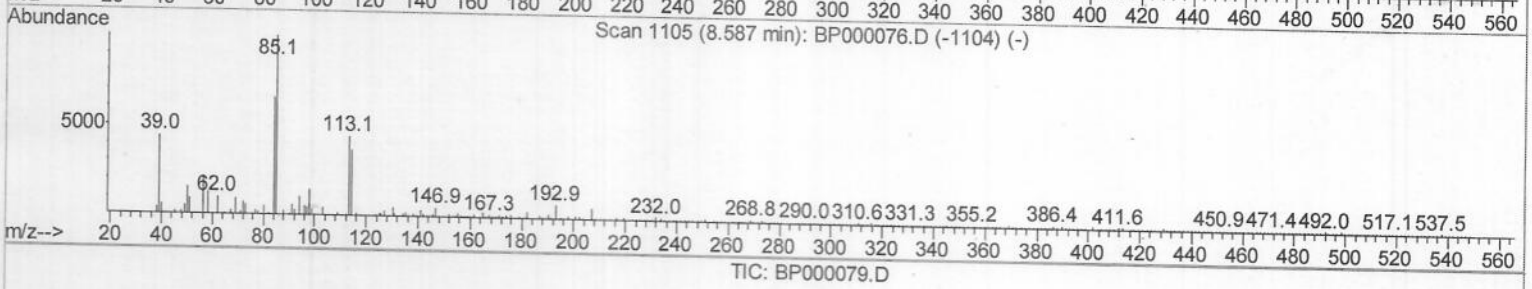

TIC: BP000079.D

(32) Caprolactam

8.628min (+0.041) 78.09ng/ul

response 670408

Ion	Exp%	Act%
113.00	100	100
55.00	125.70	118.93
56.00	95.10	90.41
0.00	0.00	0.00

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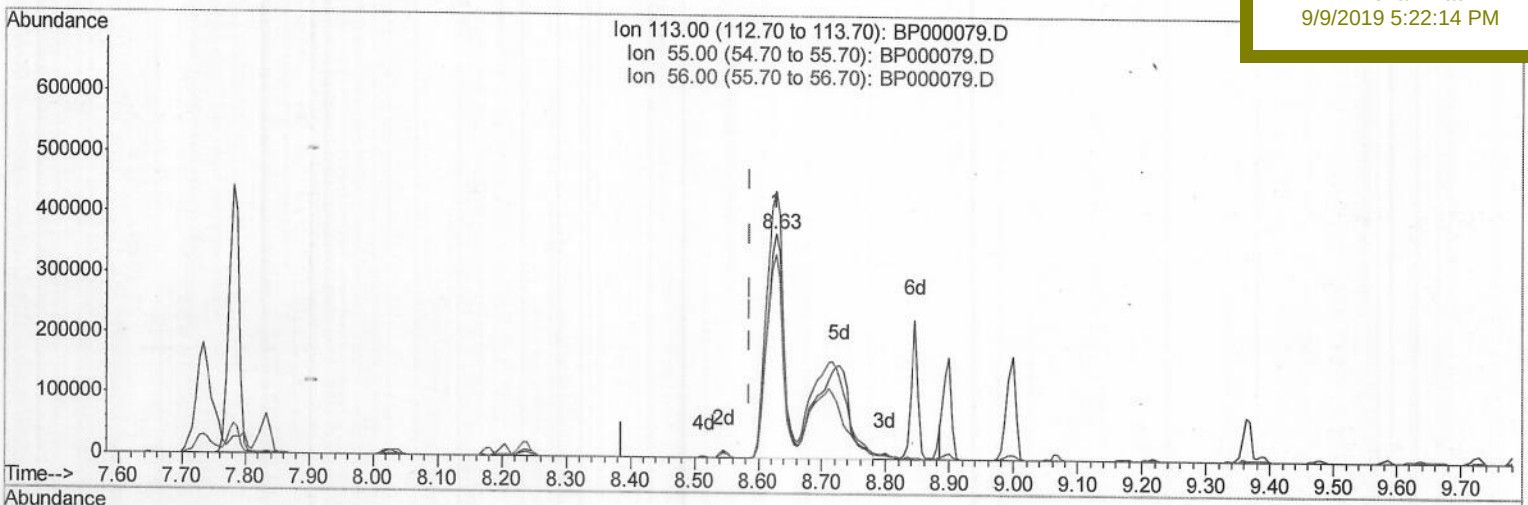

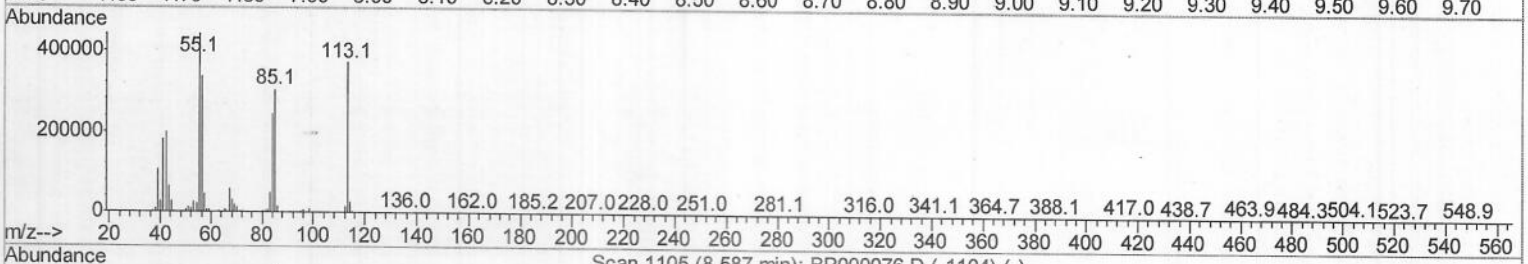

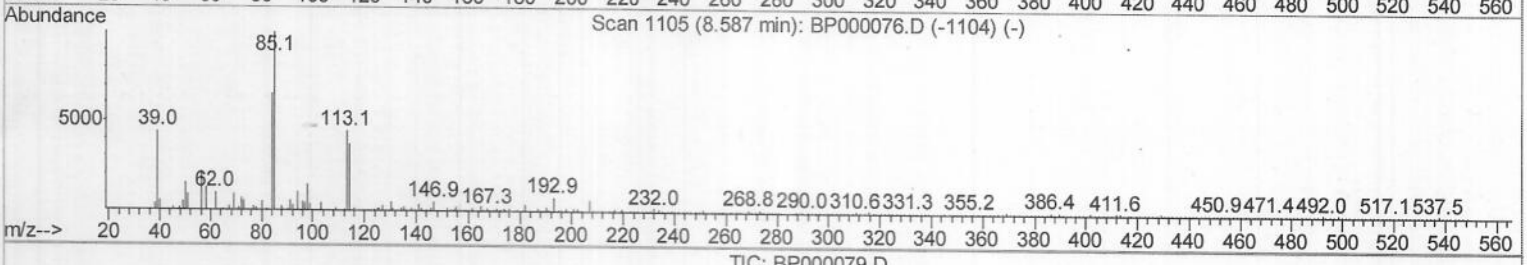

TIC: BP000079.D

(32) Caprolactam

8.628min (+0.041) 143.03ng/ul m JU 09/06/19

response 1227858

Ion	Exp%	Act%
113.00	100	100
55.00	125.70	118.93
56.00	95.10	90.41
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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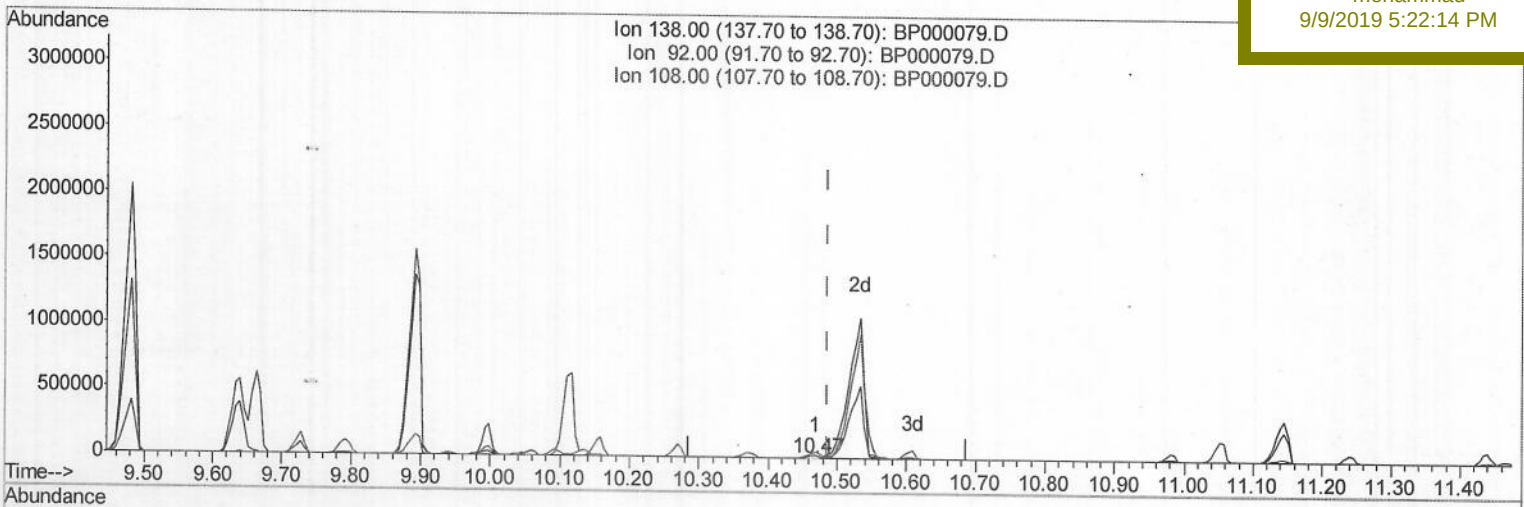

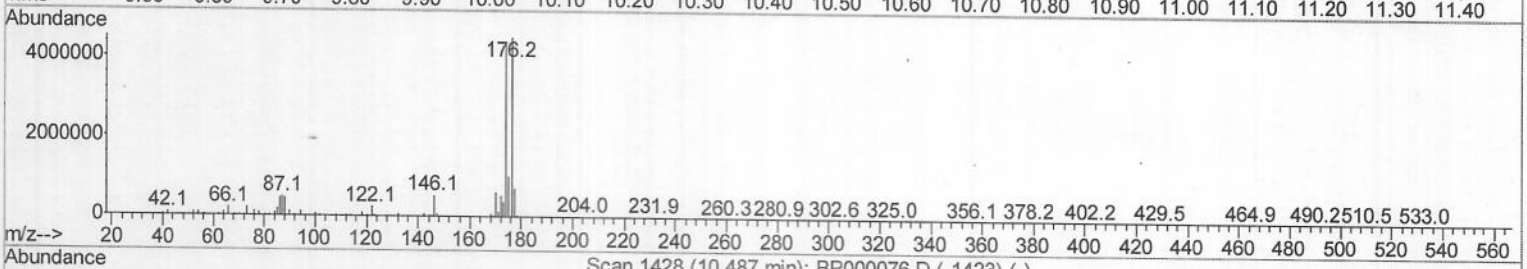

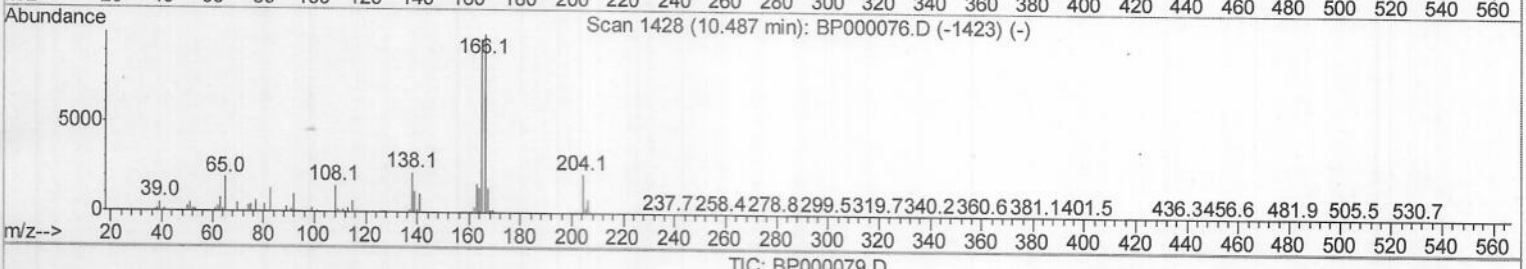

TIC: BP000079.D

(61) 4-Nitroaniline

10.469min (-0.018) 0.27ng/ul

response 3134

Ion	Exp%	Act%
138.00	100	100
92.00	45.80	1402.99#
108.00	67.70	584.29#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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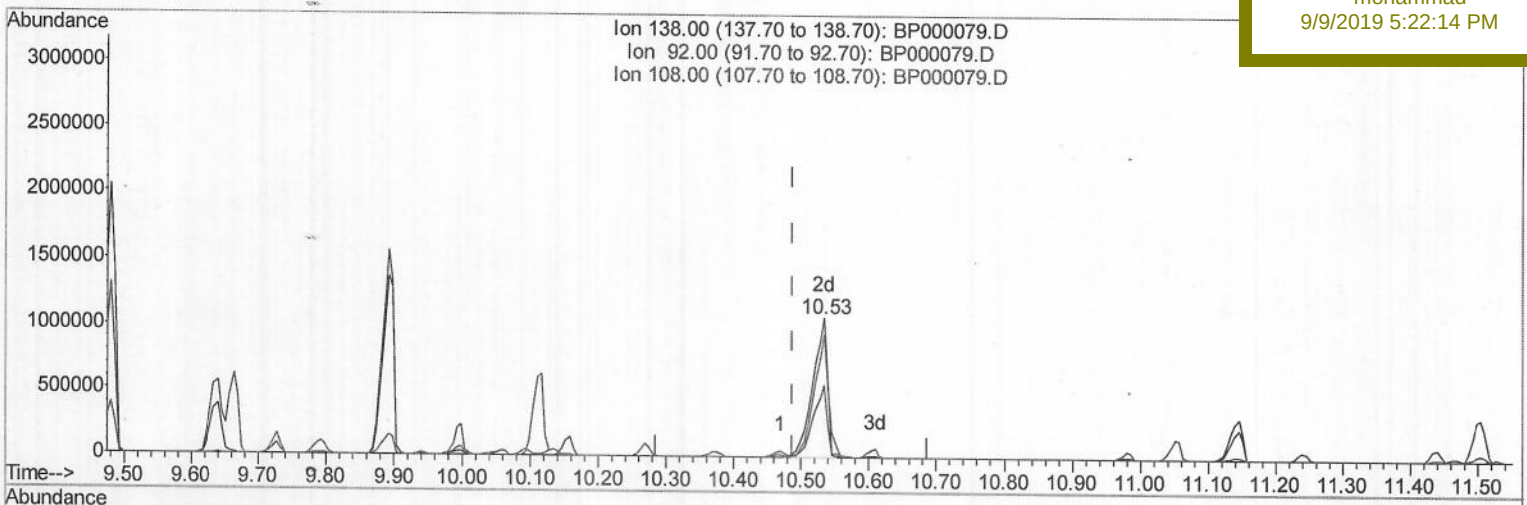

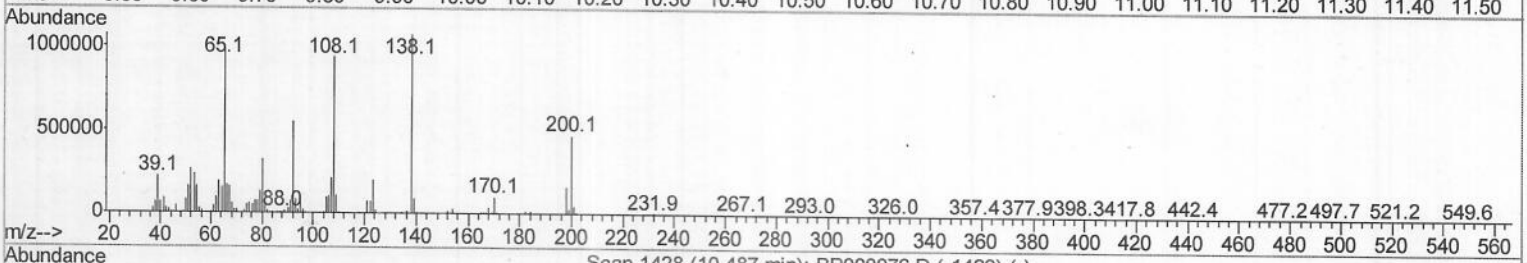

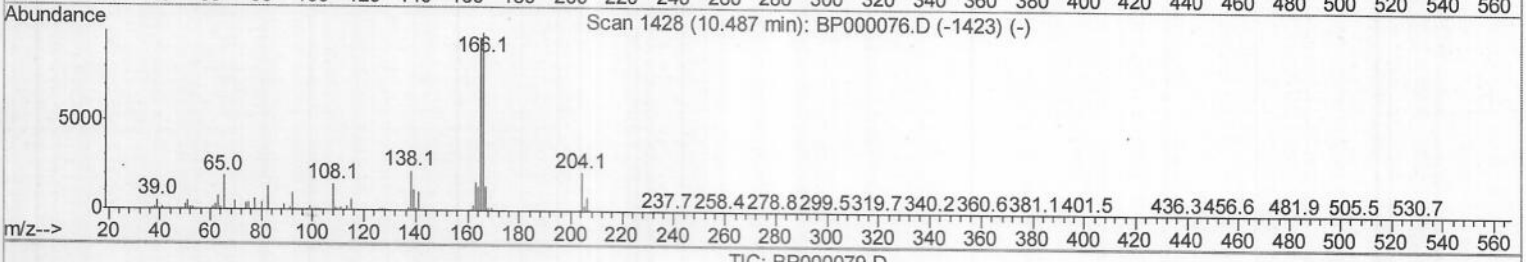

TIC: BP000079.D

(61) 4-Nitroaniline

10.534min (+0.047) 137.90ng/ul m

response 1608303

Ion	Exp%	Act%
138.00	100	100
92.00	45.80	51.09
108.00	67.70	87.75#
0.00	0.00	0.00

09/06/19

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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	6.89	152	368665	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1382973	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.94	164	704828	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.44	188	1303441	20.00	ng/ul	0.00
78) Chrysene-d12	14.12	240	939770	20.00	ng/ul	0.02
86) Perylene-d12	15.64	264	1095892	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.53	99	4602266	135.34	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.59	67	2346034	120.37	ng/ul	0.02
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	7.28	113	3531906	127.74	ng/ul	0.03
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	8.24	131	3270169	105.97	ng/ul	0.01
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	10.05	143	1471995	150.90	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	10.55	200	1055400	178.15	ng/ul	0.04
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.45	77	2067143	116.403	ng/ul	99
6) Phenol	6.55	94	4529556	127.467	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.63	93	3551500	131.592	ng/ul	95
11) 2-Methylphenol	7.14	108	3506537	126.441	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.17	45	3295635	83.029	ng/ul#	94
14) Acetophenone	7.31	105	4317966	100.086	ng/ul#	78
16) 4-Methylphenol	7.31	108	3048853	101.818	ng/ul	98
30) 4-Chloroaniline	8.25	127	3196123	100.833	ng/ul	96
32) Caprolactam	8.63	113	1227858m	143.027	ng/ul	
38) Hexachlorocyclopentadiene	9.06	237	1867011	133.170	ng/ul	99
49) 3-Nitroaniline	9.89	138	1577306	154.109	ng/ul	94
51) 2,4-Dinitrophenol	10.00	184	838960	193.761	ng/ul#	1
53) 4-Nitrophenol	10.06	109	1104998	140.967	ng/ul	90
61) 4-Nitroaniline	10.53	138	1608303m	137.898	ng/ul	
64) 4,6-Dinitro-2-methylphenol	10.55	198	1102125	160.766	ng/ul#	89
68) Atrazine	11.15	200	2147840	125.610	ng/ul	99
69) Pentachlorophenol	11.25	266	1440753	145.498	ng/ul	99
75) Carbazole	11.67	167	7655941	103.903	ng/ul#	90
77) Fluoranthene	12.67	202	9195203	101.524	ng/ul#	94
82) 3,3'-Dichlorobenzidine	14.07	252	3509446	146.846	ng/ul	97
87) Di-n-octyl phthalate	14.72	149	9403075	119.858	ng/ul	100

JV 09/06/19

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

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