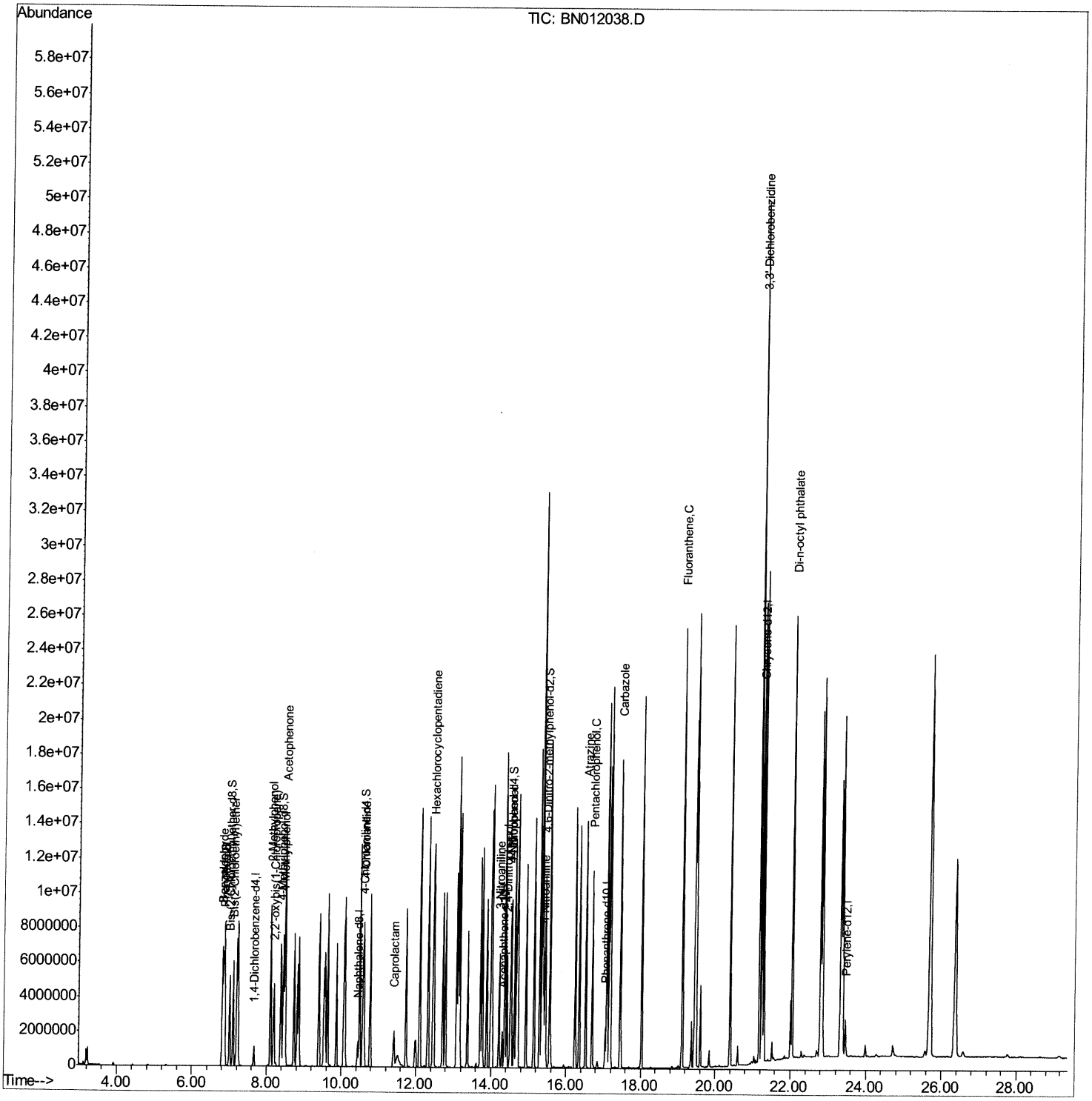
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100220\
Data File : BN012038.D
Acq On : 02 Oct 2020 14:31
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 02 15:25:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 15:09:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD16051

Manual Integrations APPROVED
mohammad
10/5/2020 10:29:45 AM



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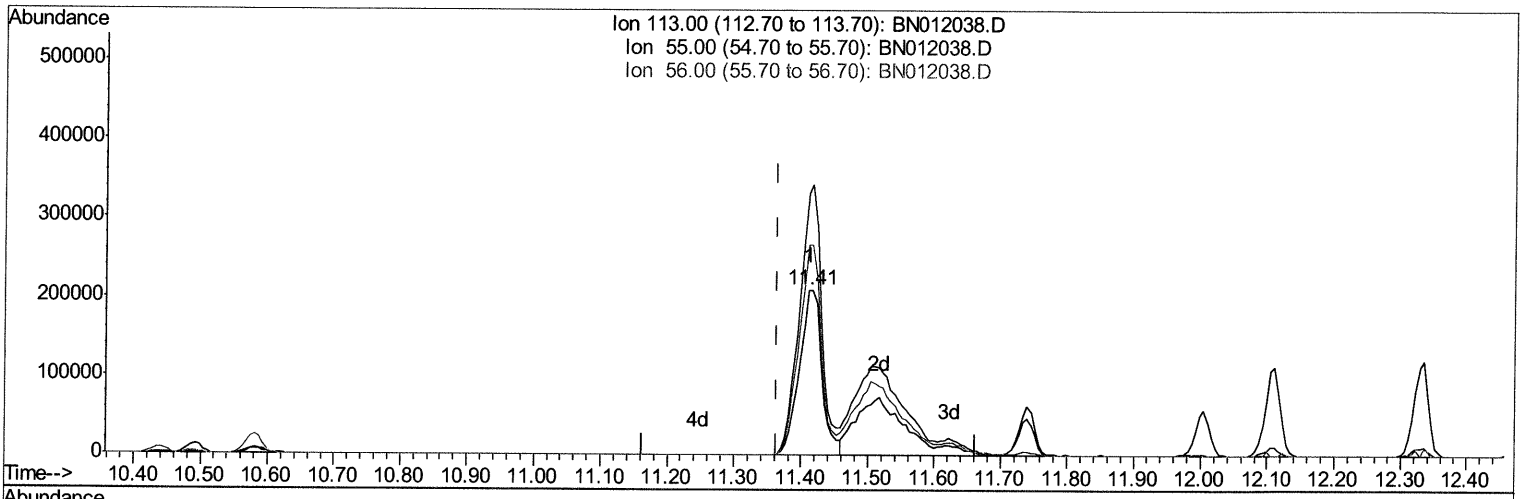

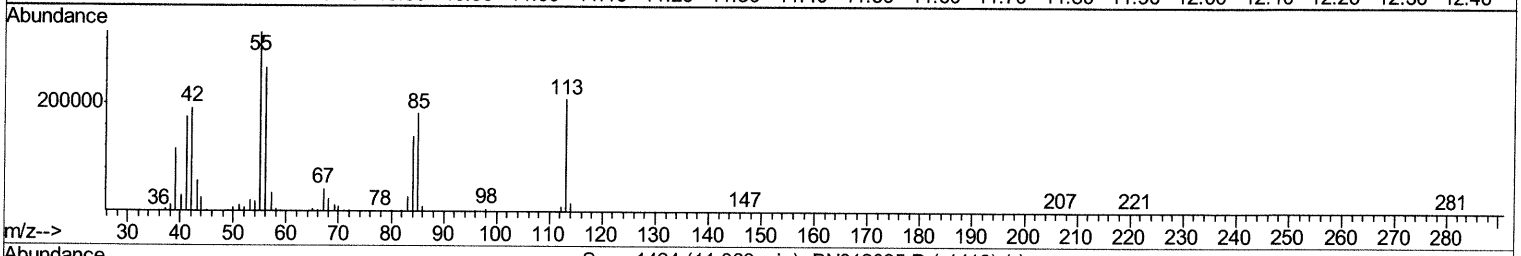

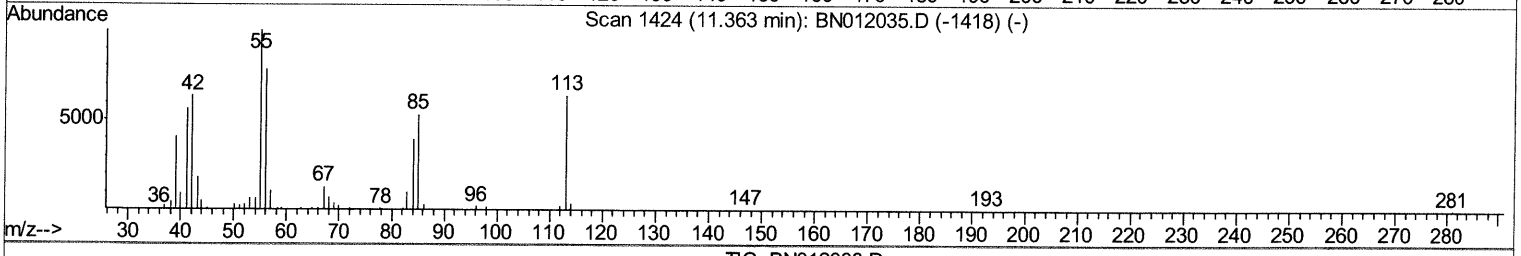

TIC: BN012038.D

(32) Caprolactam

11.410min (+0.048) 96.59ng/ul

response 487157

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	158.70
56.00	122.90	127.06
0.00	0.00	0.00

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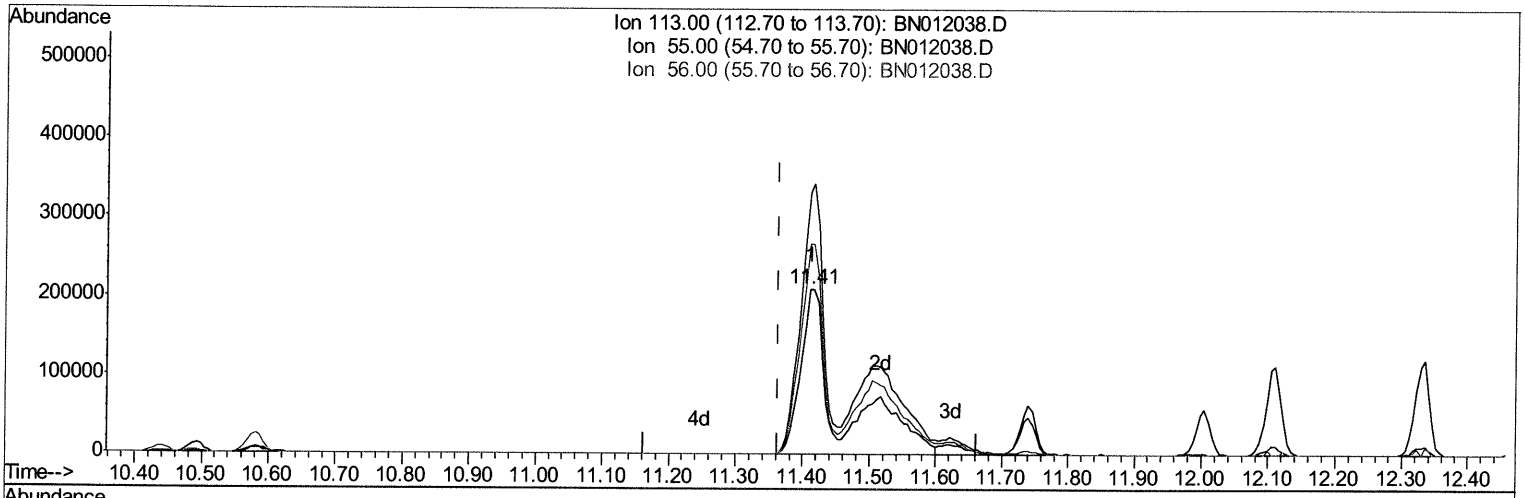

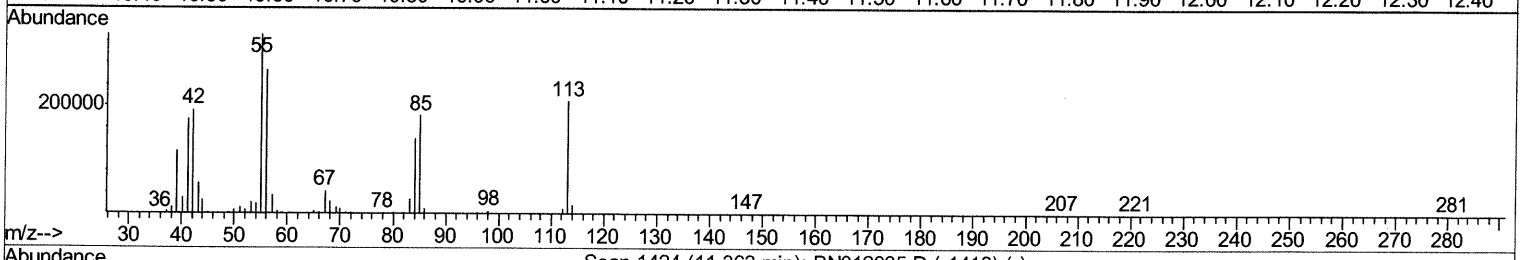

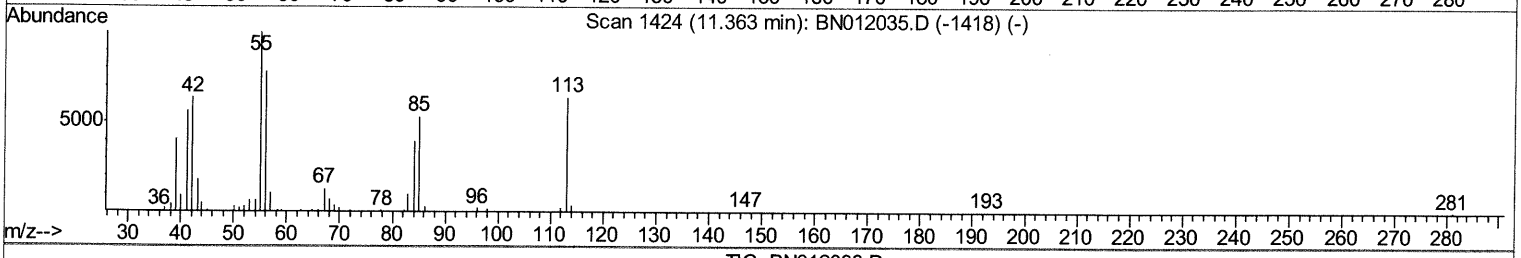

TIC: BN012038.D

(32) Caprolactam

11.410min (+0.048) 167.07ng/ul m 10/06/20 JU

response 842633

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	158.70
56.00	122.90	127.06
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	285663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1096735	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	657637	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1367459	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1310128	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	1357135	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.85	99	3759643	161.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.01	67	2240861	152.98	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.38	113	2938743	156.59	ng/ul	0.01
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	10.58	131	3281109	154.09	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	14.52	143	1585230	166.88	ng/ul	0.02
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.43	200	1475706	169.08	ng/ul	0.02
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	6.82	77	2253025	163.127	ng/ul	98
6) Phenol	6.88	94	3847295	157.435	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.10	93	3120321	154.867	ng/ul	99
11) 2-Methylphenol	8.10	108	2888976	156.834	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	3953019	152.130	ng/ul	99
14) Acetophenone	8.49	105	4500130	150.452	ng/ul	96
16) 4-Methylphenol	8.45	108	3040335	153.921	ng/ul	95
30) 4-Chloroaniline	10.60	127	3299656	153.862	ng/ul	98
32) Caprolactam	11.41	113	842633m	>167.070	ng/ul	> 10/09/2020 JU
38) Hexachlorocyclopentadiene	12.46	237	2524739	167.608	ng/ul	95
49) 3-Nitroaniline	14.22	138	1531200	161.736	ng/ul	87
51) 2,4-Dinitrophenol	14.42	184	1170873	185.100	ng/ul	86
53) 4-Nitrophenol	14.54	109	1362223	153.909	ng/ul	97
61) 4-Nitroaniline	15.39	138	1606662	157.056	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.45	198	1570295	165.424	ng/ul#	99
68) Atrazine	16.53	200	2540949	159.237	ng/ul	97
69) Pentachlorophenol	16.70	266	1754771	162.186	ng/ul	95
75) Carbazole	17.46	167	11157980	152.763	ng/ul	99
77) Fluoranthene	19.12	202	13222926	141.314	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.17	252	4811034	157.842	ng/ul	94
87) Di-n-octyl phthalate	22.05	149	13636889	135.290	ng/ul	100

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

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

Instrument :
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ClientSampleId :
SSTD16051

Manual Integrations APPROVED
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10/5/2020 10:29:45 AM