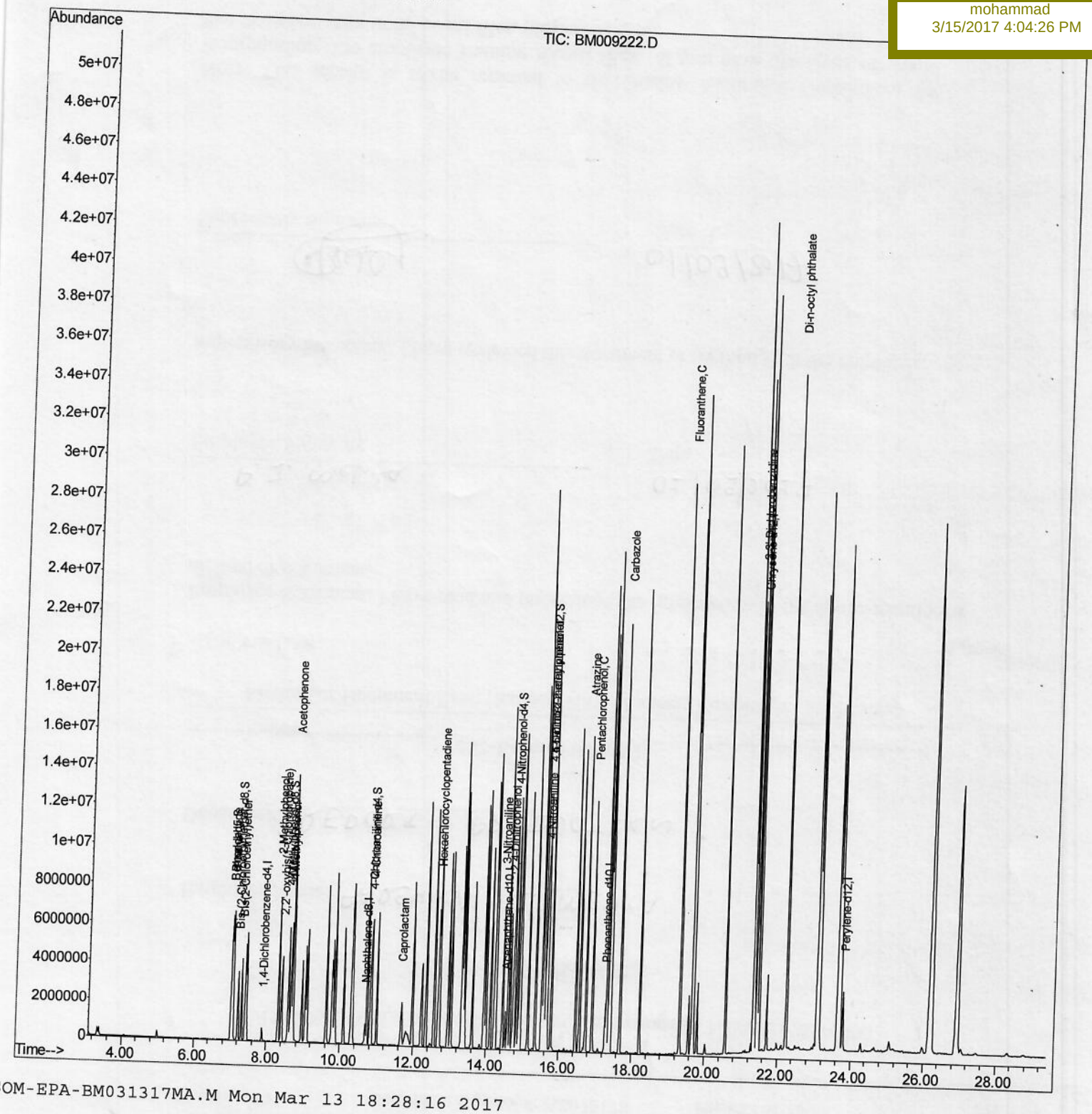
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009222.D
Acq On : 13 Mar 2017 17:46
Operator : SJ/MA
Sample : SSTD16065
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 13 18:27:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:45:41 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
mohammad
3/15/2017 4:04:26 PM



SOM-EPA-BM031317MA.M Mon Mar 13 18:28:16 2017

Quantitation Report (Qedit)

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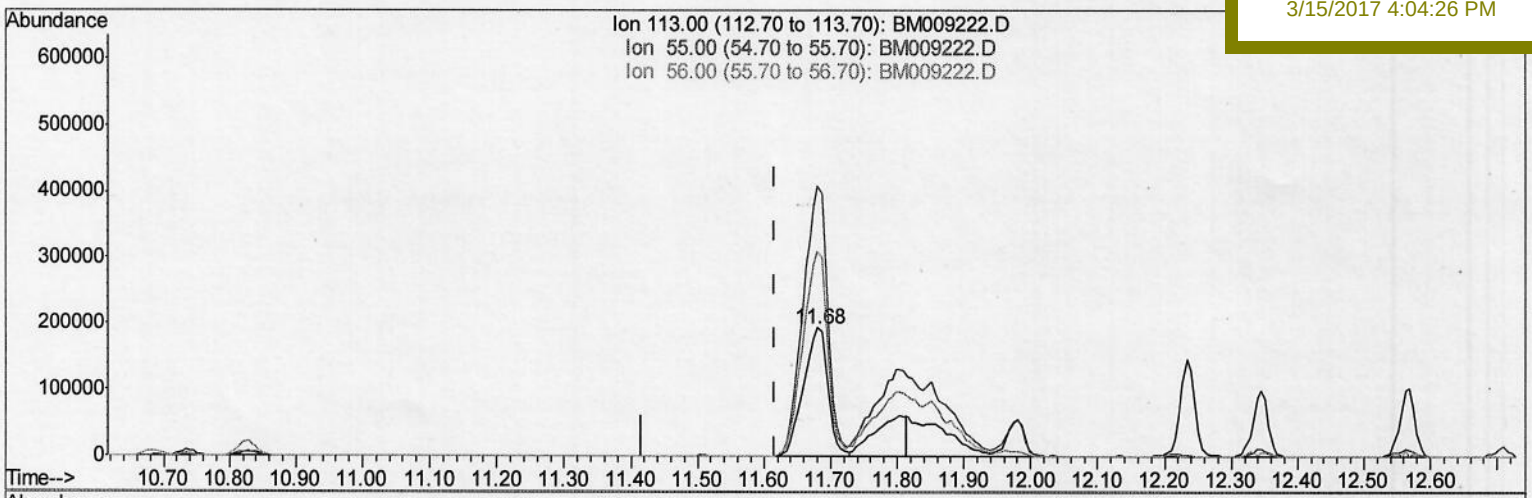

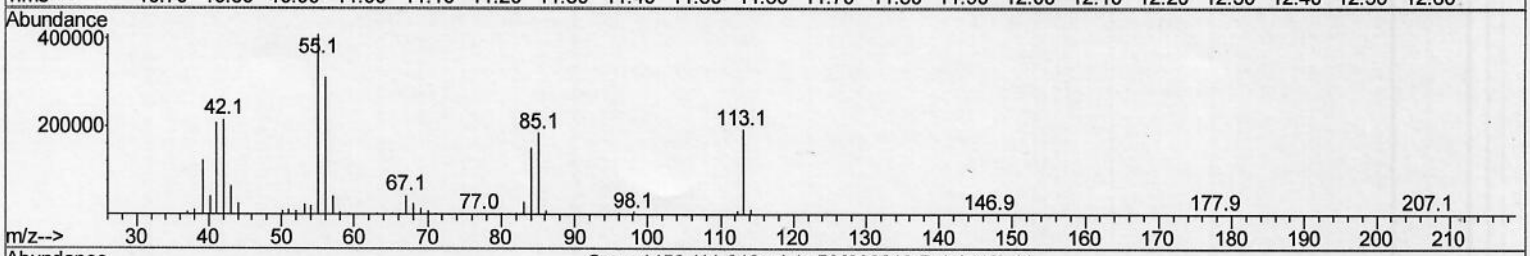

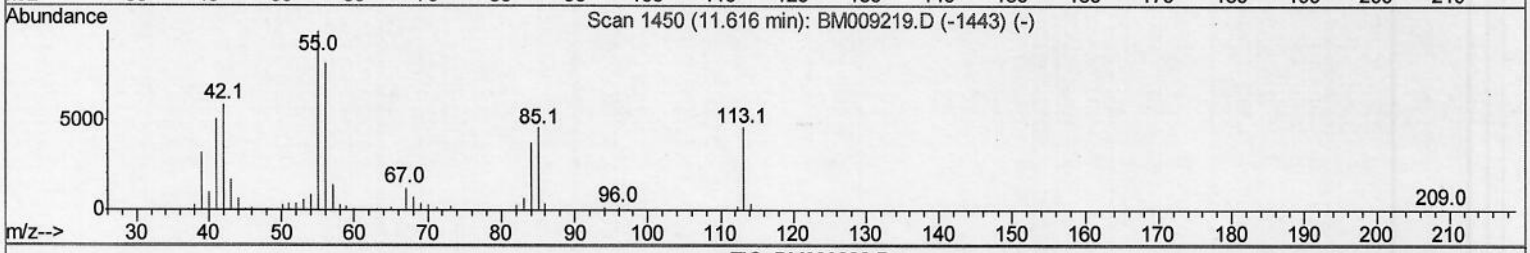

TIC: BM009222.D

(32) Caprolactam

11.680min (+0.065) 93.78ng/ul

response 487302

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	212.38#
56.00	101.50	160.89#
0.00	0.00	0.00

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Manual Integrations APPROVED
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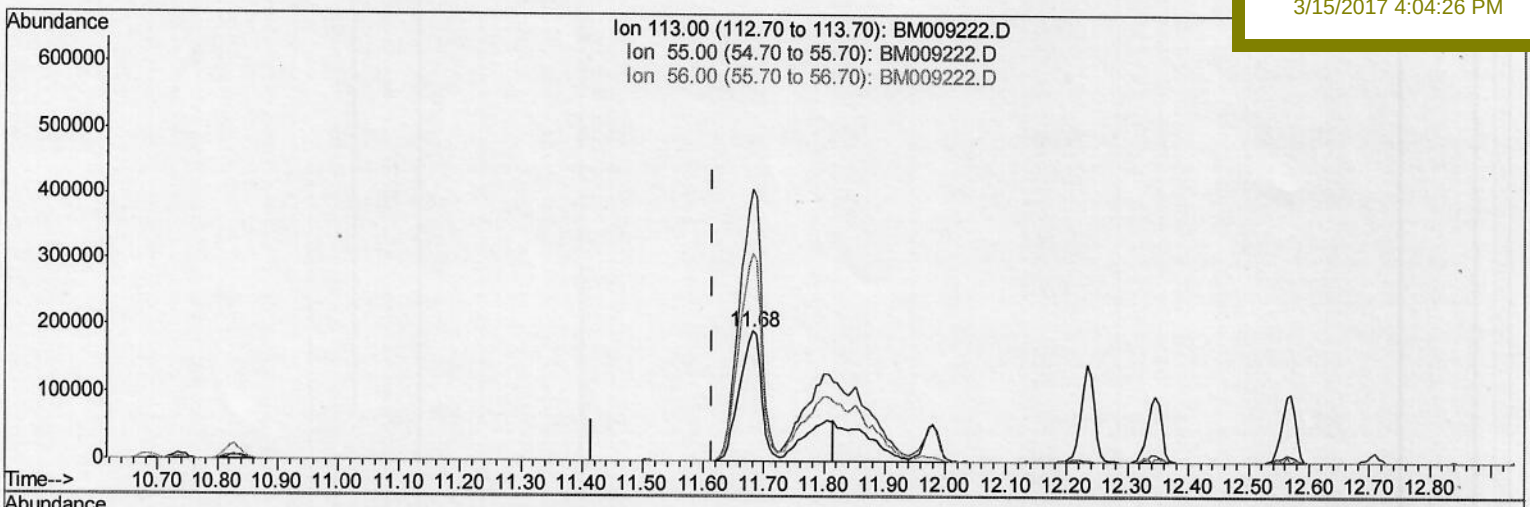

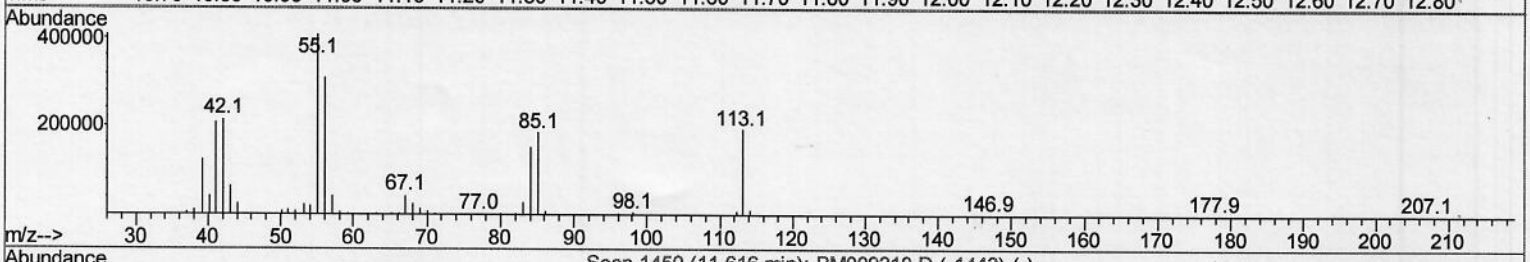

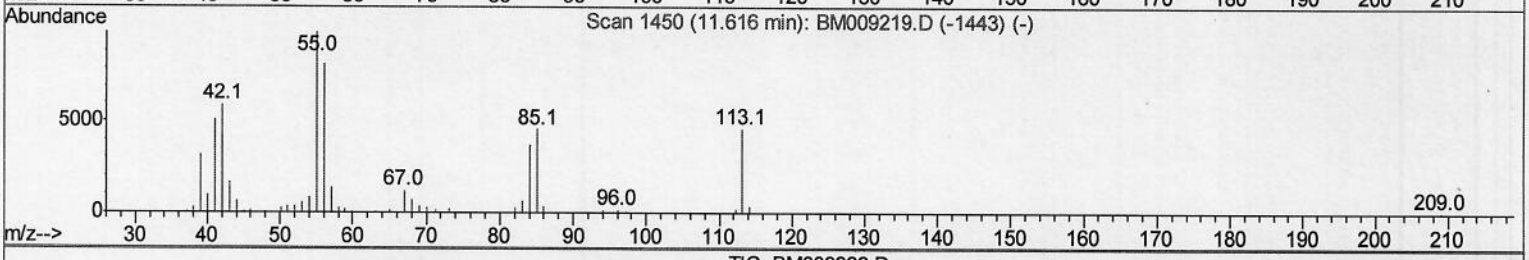

TIC: BM009222.D

(32) Caprolactam

11.680min (+0.065) 177.51ng/ul m

response 922362

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	212.38#
56.00	101.50	160.89#
0.00	0.00	0.00

SJ
03/18/2017

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BNA_M
ClientSampleId :
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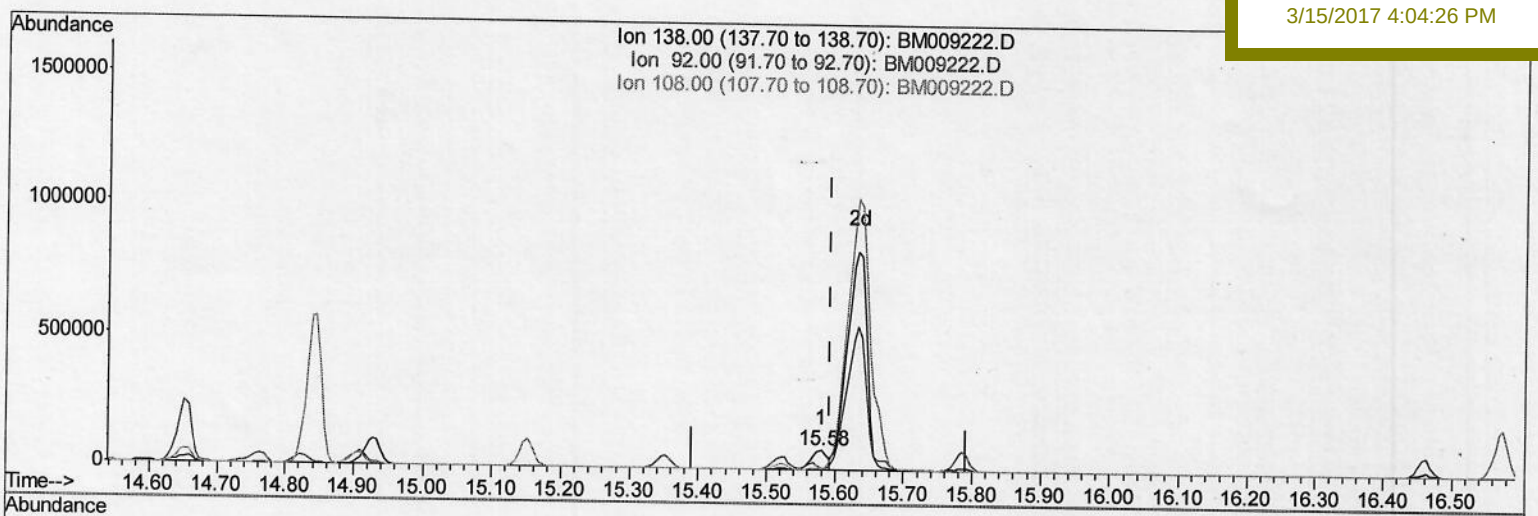
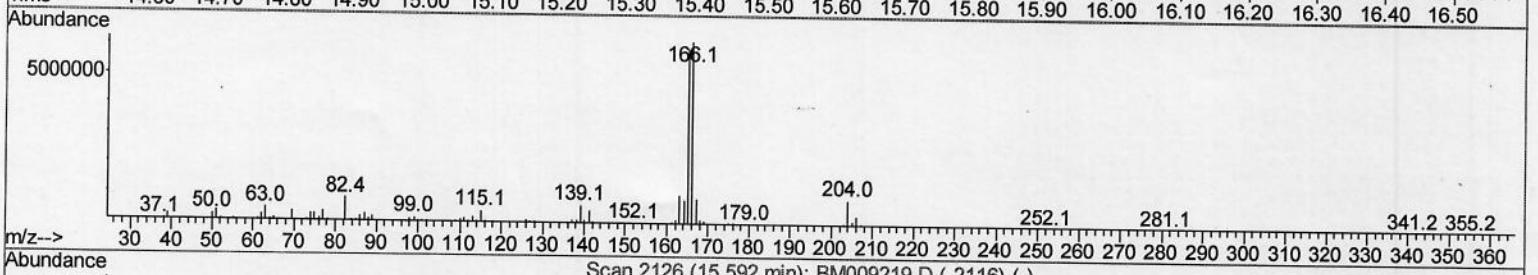
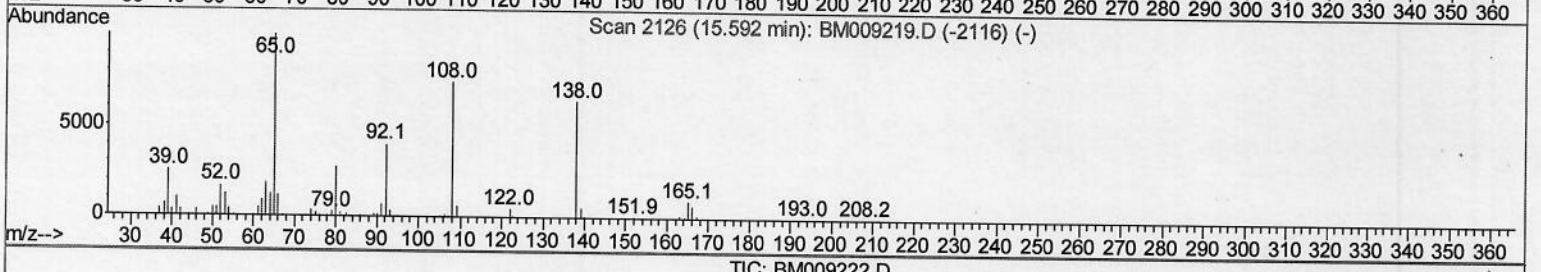
Manual Integrations APPROVED
mohammad
3/15/2017 4:04:26 PM







TIC: BM009222.D

(60) 4-Nitroaniline

15.580min (-0.012) 10.53ng/ul

response 124409

Ion	Exp%	Act%
138.00	100	100
92.00	50.70	8.67#
108.00	83.80	5.19#
0.00	0.00	0.00

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Misc :
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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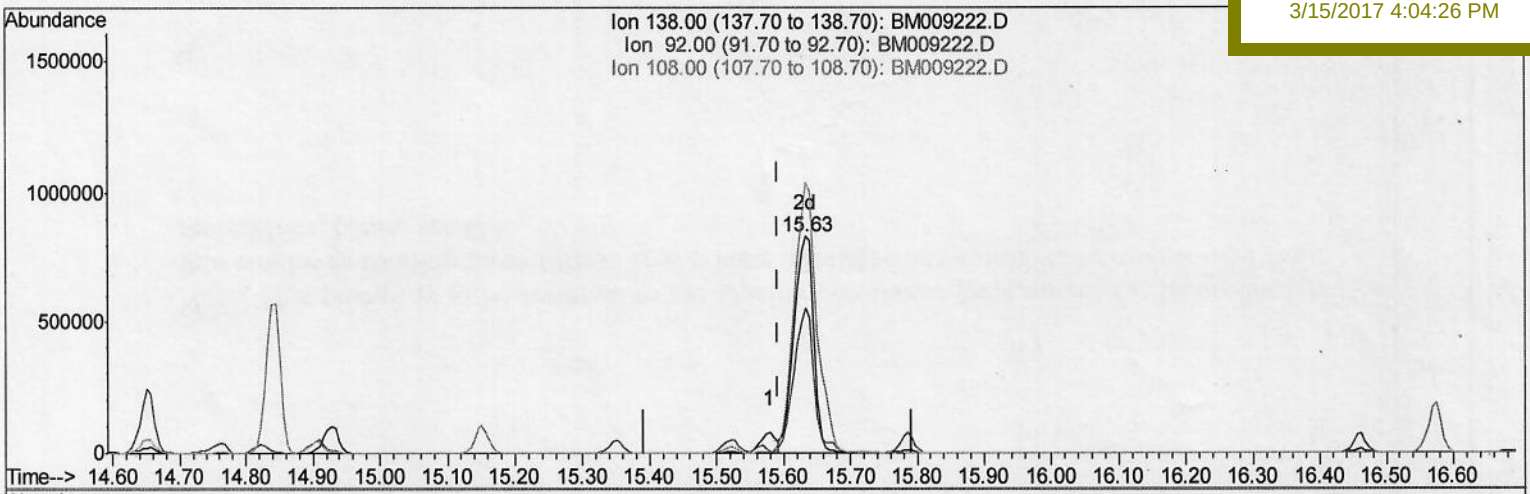
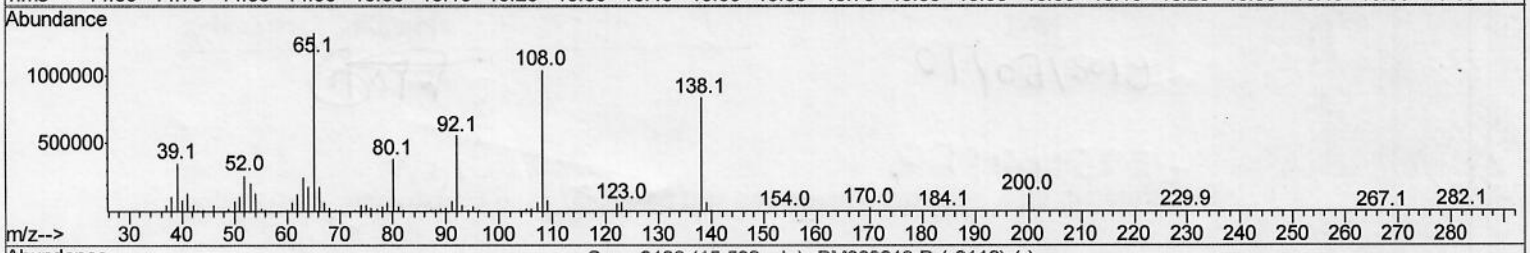
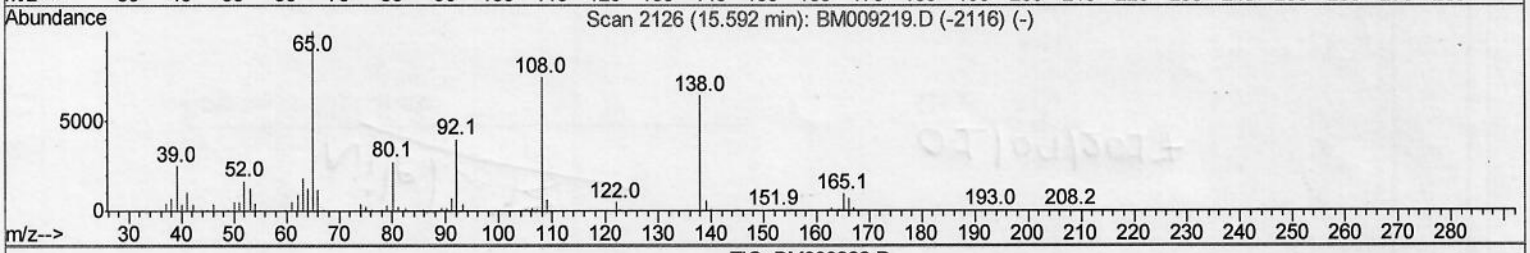
3/15/2017 4:04:26 PM







TIC: BM009222.D

(60) 4-Nitroaniline

15.633min (+0.041) 144.52ng/ul m

response 1707424

Ion	Exp%	Act%
138.00	100	100
92.00	50.70	66.46#
108.00	83.80	124.45#
0.00	0.00	0.00

SJ
03/18/2017

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ClientSampleId : SSTD16065

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	147003	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	758516	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	653892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1516269	20.00	ng/ul	0.00
77) Chrysene-d12	21.45	240	2245606	20.00	ng/ul	0.01
85) Perylene-d12	23.79	264	2210490	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	7.05	99	2900723	189.01	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.22	67	1699480	165.12	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.59	113	2261089	183.44	ng/ul	0.02
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	10.83	131	2238404	143.05	ng/ul	0.00
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.75	143	1639294	167.92	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.66	200	1753870	203.96	ng/ul	0.03
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.03	77	1127208	97.50	ng/ul	81
6) Phenol	7.07	94	3022948	183.16	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.31	93	2016592	167.30	ng/ul#	80
11) 2-Methylphenol	8.32	108	2176944	181.76	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.42	45	3307595	164.05	ng/ul#	88
14) Acetophenone	8.72	105	3631032	173.19	ng/ul#	79
16) 4-Methylphenol	8.66	108	2418598	177.11	ng/ul	100
30) 4-Chloroaniline	10.85	127	2345699	141.11	ng/ul	98
32) Caprolactam	11.68	113	922362m	177.51	ng/ul	
37) Hexachlorocyclopentadiene	12.68	237	1892350	172.94	ng/ul	99
48) 3-Nitroaniline	14.45	138	1509550	145.17	ng/ul#	77
50) 2,4-Dinitrophenol	14.66	184	1247413	211.29	ng/ul#	87
52) 4-Nitrophenol	14.76	109	1866110	162.56	ng/ul#	75
60) 4-Nitroaniline	15.63	138	1707424m	144.52	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.67	198	1817579	200.42	ng/ul	94
67) Atrazine	16.74	200	2995990	170.34	ng/ul	96
68) Pentachlorophenol	16.92	266	2147117	184.95	ng/ul	98
74) Carbazole	17.69	167	13182321	165.16	ng/ul	95
76) Fluoranthene	19.32	202	14960734	136.54	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.37	252	6093641	139.61	ng/ul	98
86) Di-n-octyl phthalate	22.24	149	15058158	120.40	ng/ul#	66

SJ 03/16/2017

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

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