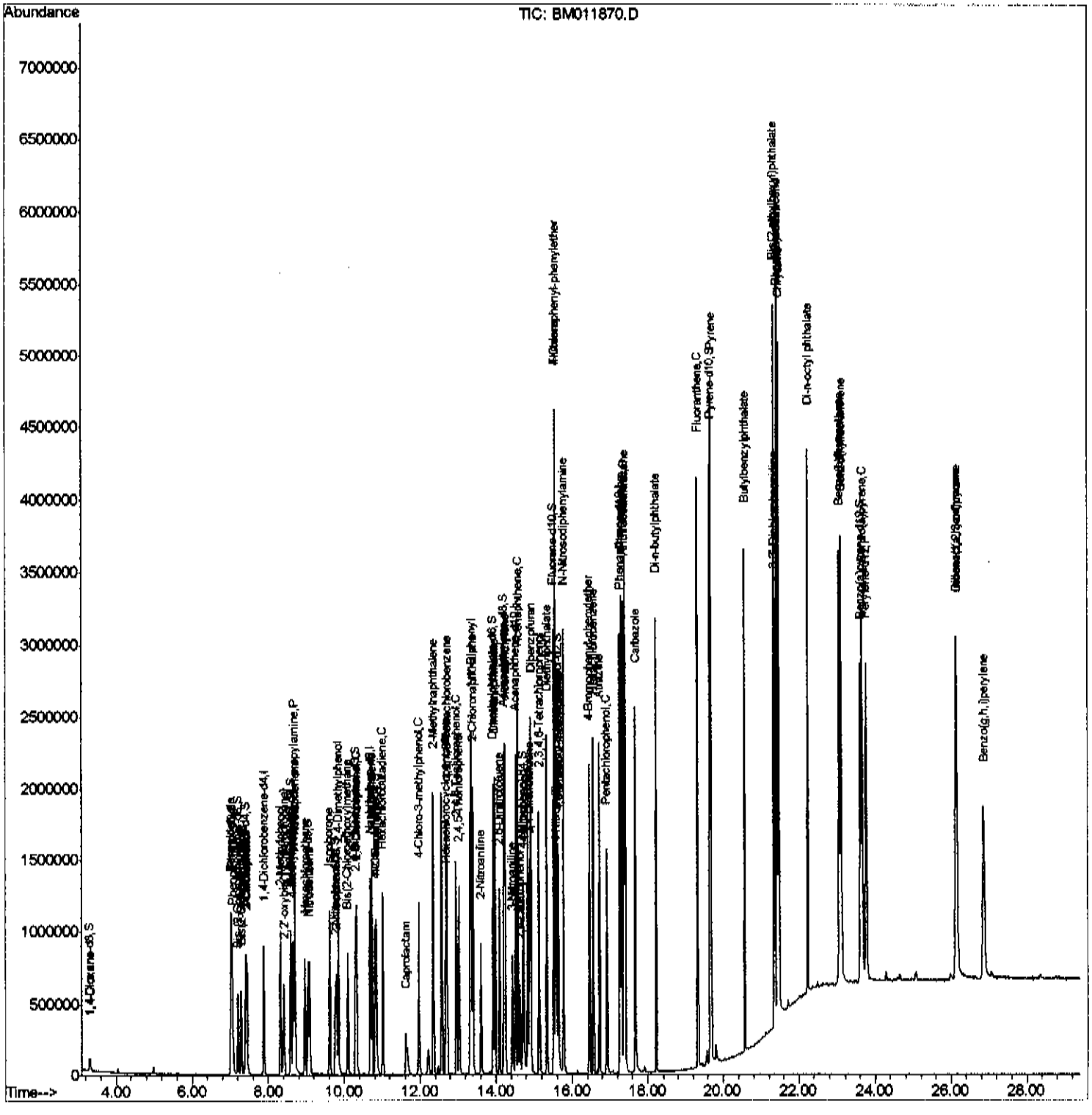
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100317\
Data File : BM011870.D
Acq On : 04 Oct 2017 02:44
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 05:23:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 15:47:54 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02017

Manual Integrations APPROVED
Sohil
10/4/2017 7:28:22 PM



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Data File : BM011870.D
Acq On : 04 Oct 2017 02:44
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Quant Time: Oct 04 03:54:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 15:47:54 2017
Response via : Initial Calibration

Instrument :
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Manual Integrations APPROVED
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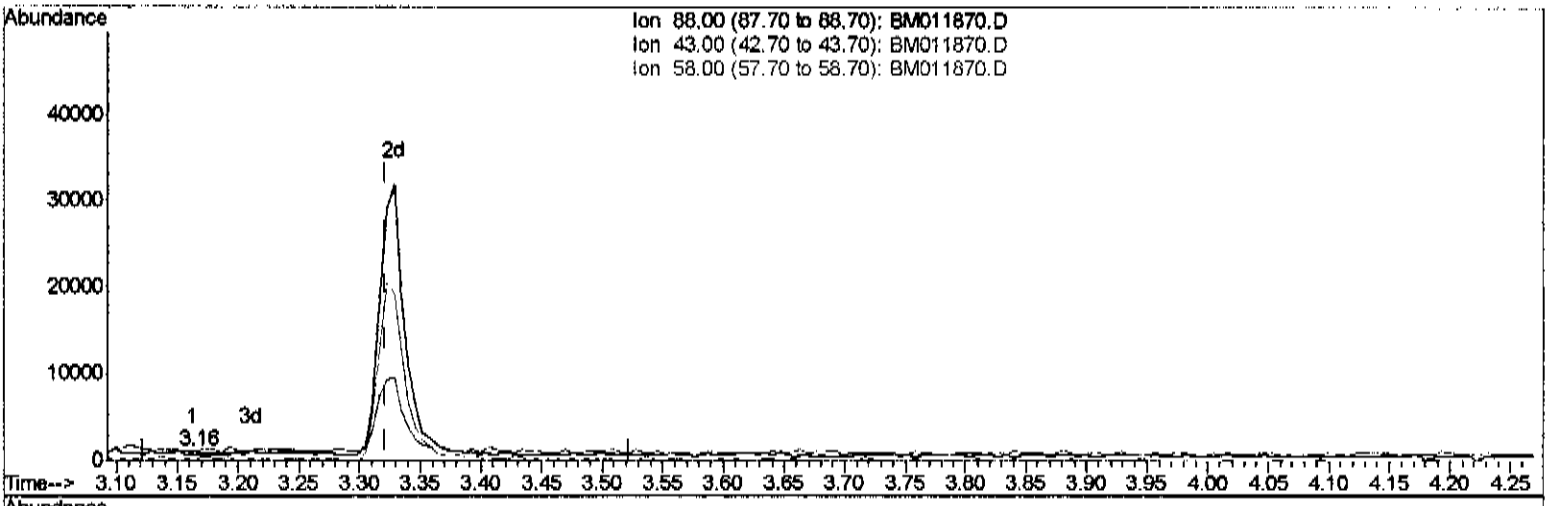

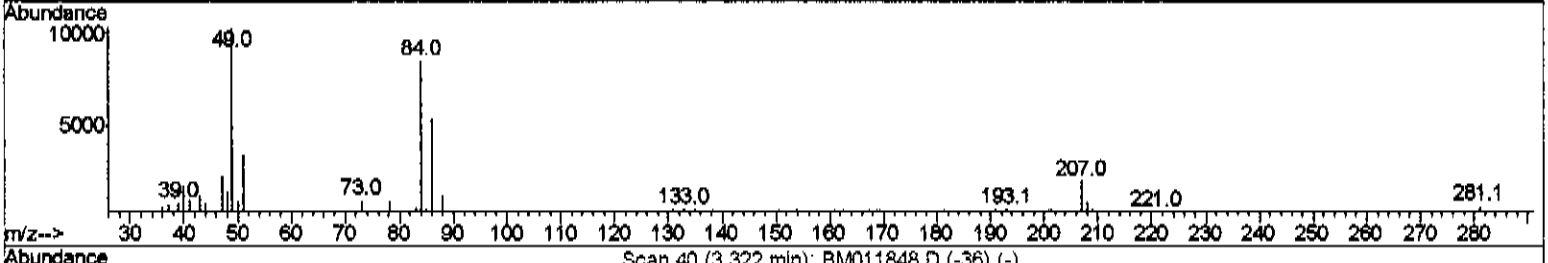

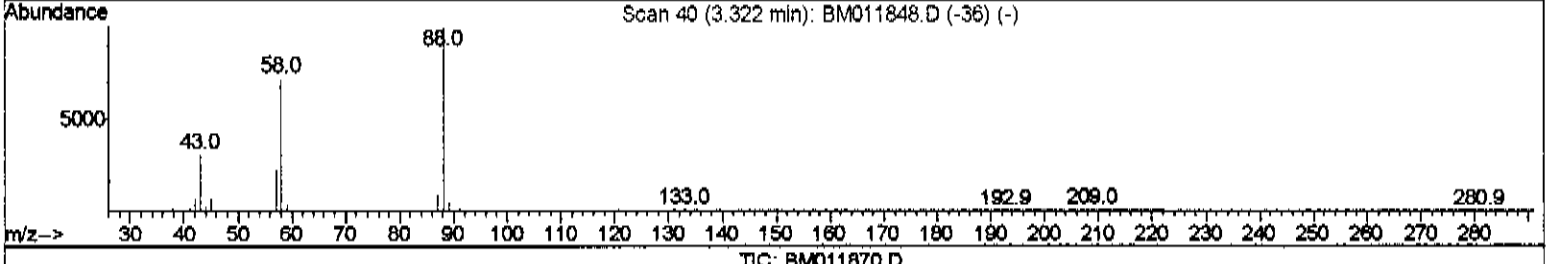

TIC: BM011870.D

(2) 1,4-Dioxane

3.163min (-0.159) 0.10ng/uL

response 511

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	52.25
58.00	100.00	107.44
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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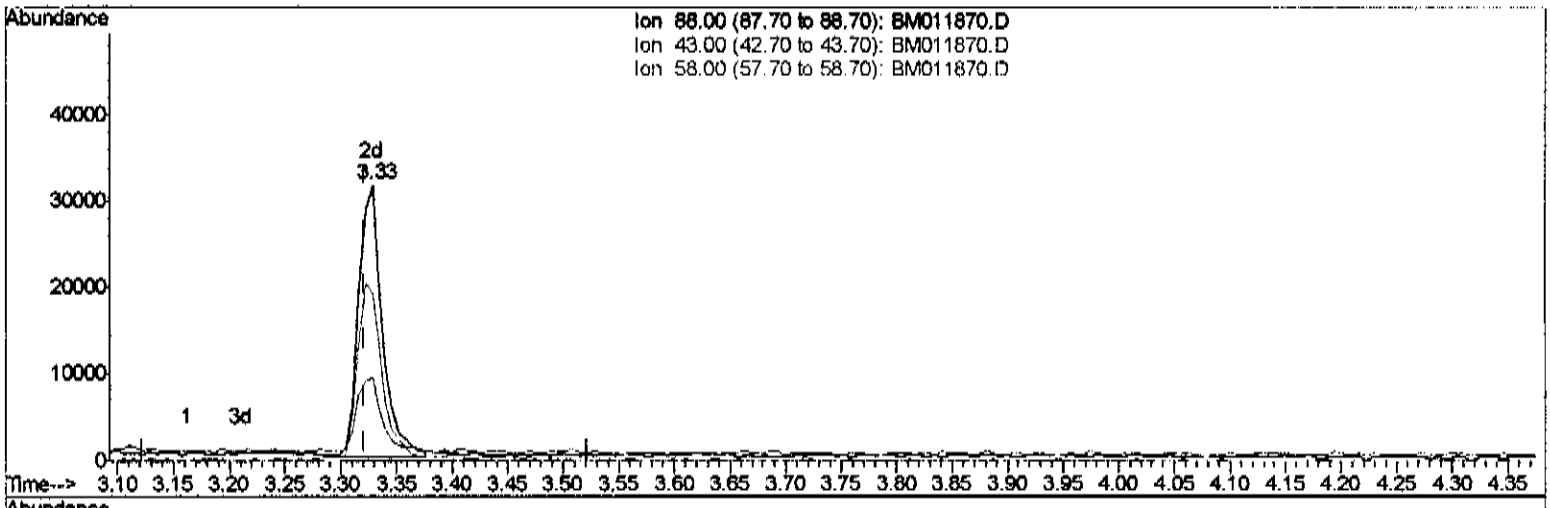

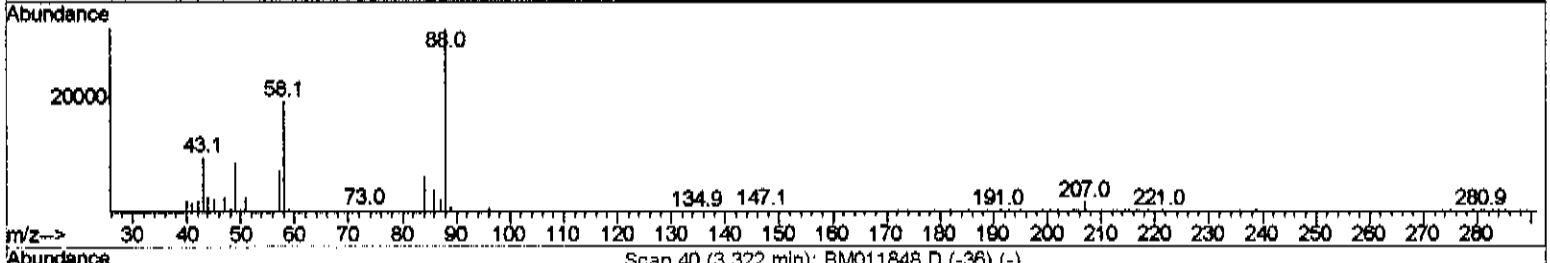

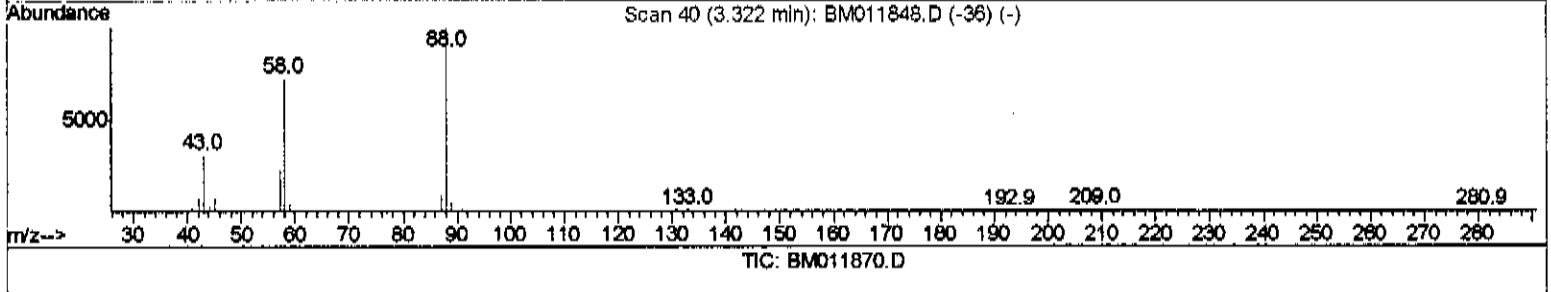

TIC: BM011870.D

(2) 1,4-Dioxane

3.328min (+0.006) 8.57ng/uL m JU 10/6/17

response 45879

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	0.58#
58.00	100.00	1.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
Sohil
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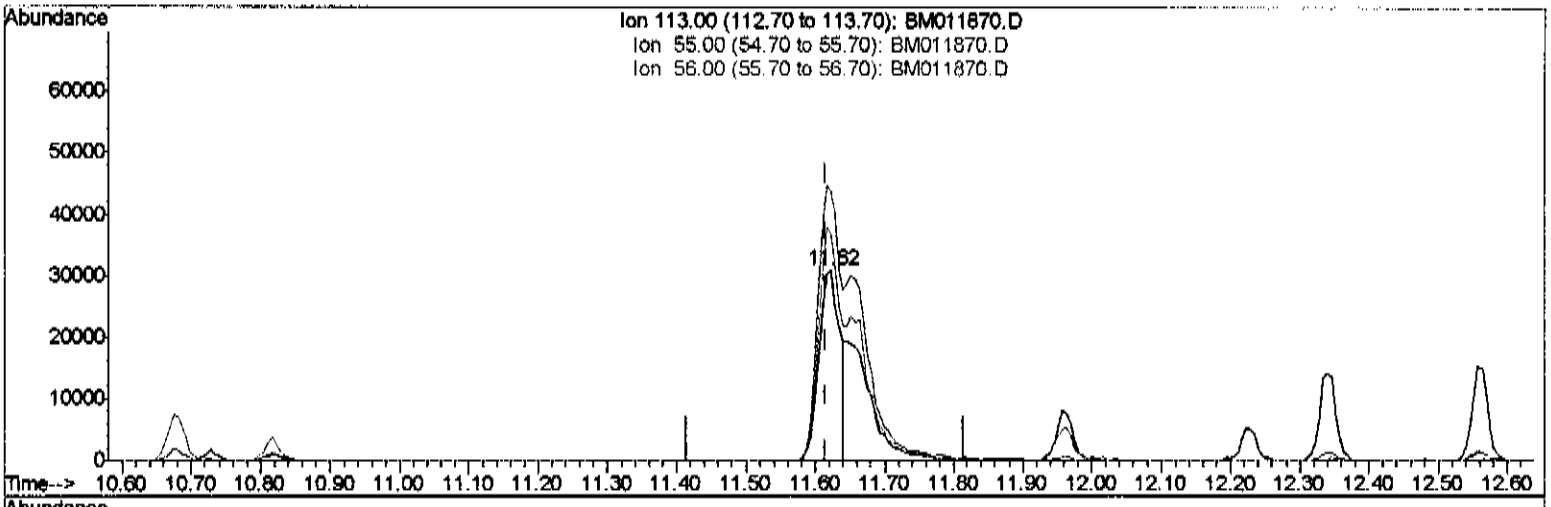

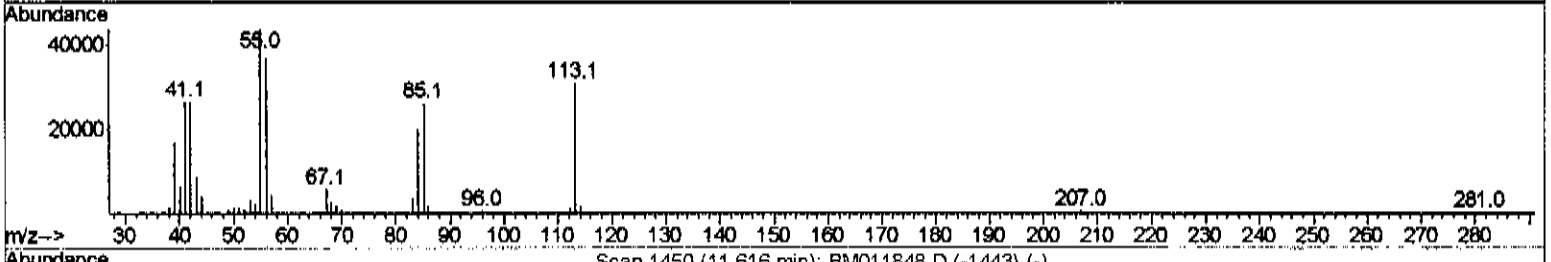

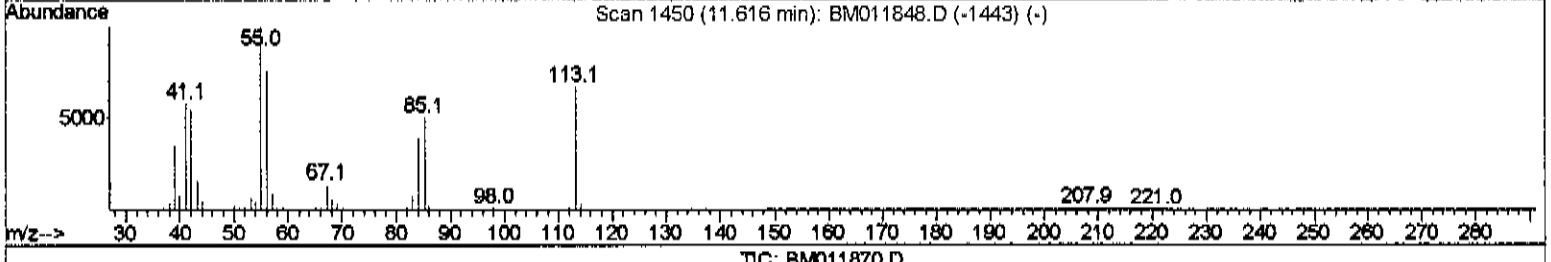

TIC: BM011870.D

(32) Caprolactam

11.622min (+0.006) 10.99ng/ul

response 64316

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	141.72#
56.00	200.00	118.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Quant Time: Oct 04 03:54:57 2017
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Instrument :
BNA_M
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Manual Integrations APPROVED
Sohil
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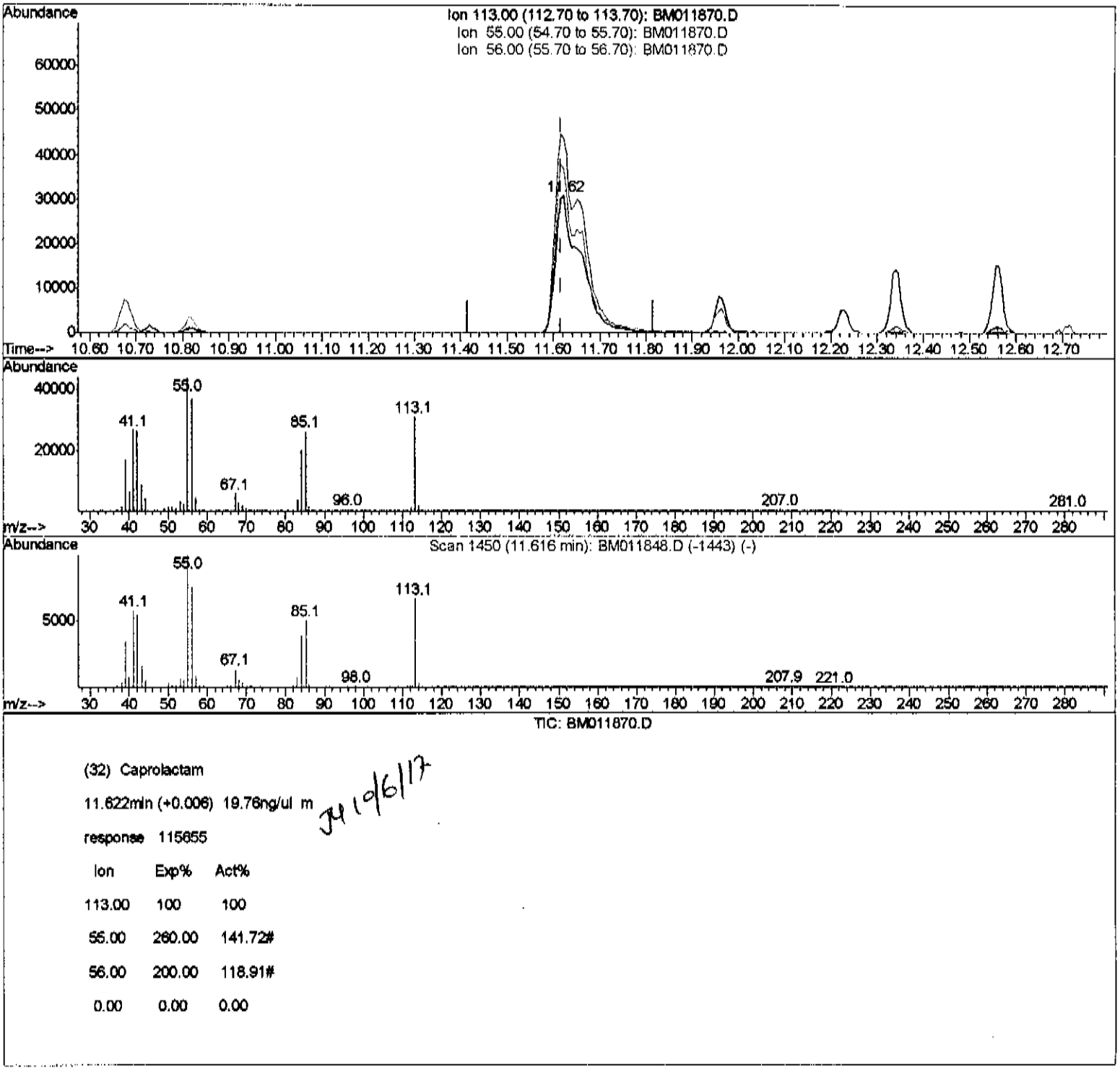

TIC: BM011870.D

(32) Caprolactam

11.622min (+0.006) 19.76ng/ul m

response 115655

JU 10/6/17

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	141.72#
56.00	200.00	118.91#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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LabSampleId : SSTD02017

Manual Integrations APPROVED
Sohil
10/4/2017 7:28:22 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	249324	20.00 ng/ul	0.00
18) Naphthalene-d8	10.68	136	1141570	20.00 ng/ul	0.00
35) Acenaphthene-d10	14.52	164	743421	20.00 ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1807661	20.00 ng/ul	0.00
75) Chrysene-d12	21.43	240	2026509	20.00 ng/ul	0.00
83) Perylene-d12	23.76	264	1700705	20.00 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.29	96	42873	8.13 ng/uL	0.00
5) Phenol-d5	7.03	99	422173	19.68 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	255269	20.11 ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	366231	21.28 ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	373162	20.12 ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	177822	21.87 ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	200156	21.86 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	401499	21.70 ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	487669	24.15 ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1367868	21.23 ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1612569	21.30 ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	209835	18.64 ng/ul	0.00
57) Fluorene-d10	15.51	176	1186319	20.86 ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	231100	19.00 ng/ul	0.00
70) Anthracene-d10	17.36	188	1880319	21.11 ng/ul	0.00
76) Pyrene-d10	19.64	212	2174435	23.79 ng/ul	0.00
87) Benzo(a)pyrene-d12	23.60	264	1736974	21.23 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.33	88	45879m	8.565 ng/uL	> JU 10/6/17
4) Benzaldehyde	7.02	77	234443	21.933 ng/ul	89
6) Phenol	7.06	94	416635	19.628 ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.30	93	325265	20.408 ng/ul	99
10) 2-Chlorophenol	7.43	128	354186	21.063 ng/ul	97
11) 2-Methylphenol	8.32	108	323564	20.043 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.41	45	420511	20.630 ng/ul#	87
14) Acetophenone	8.70	105	562817	20.743 ng/ul	88
15) N-Nitroso-di-n-propylamine	8.68	70	297470	21.423 ng/ul#	70
16) 4-Methylphenol	8.64	108	369172	20.430 ng/ul	91
17) Hexachloroethane	8.95	117	141219	20.931 ng/ul#	78
20) Nitrobenzene	9.08	77	420075	21.389 ng/ul	93
21) Isophorone	9.60	82	780107	21.300 ng/ul#	93
23) 2-Nitrophenol	9.79	139	213272	22.161 ng/ul#	75
24) 2,4-Dimethylphenol	9.85	107	437794	21.210 ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.09	93	482296	21.446 ng/ul	96
27) 2,4-Dichlorophenol	10.32	162	382188	21.404 ng/ul	91
28) Naphthalene	10.73	128	1184969	20.693 ng/ul	99
30) 4-Chloroaniline	10.84	127	469767	23.710 ng/ul	92
31) Hexachlorobutadiene	11.01	225	281786	21.509 ng/ul	94
32) Caprolactam	11.62	113	115655m	19.755 ng/ul	> JU 10/6/17
33) 4-Chloro-3-methylphenol	11.96	107	416527	21.460 ng/ul	95
34) 2-Methylnaphthalene	12.34	142	916375	20.986 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.71	216	535932	21.251 ng/ul	96
37) Hexachlorocyclopentadiene	12.68	237	285639	19.460 ng/ul	99
38) 2,4,6-Trichlorophenol	12.95	196	346697	21.644 ng/ul	98
39) 2,4,5-Trichlorophenol	13.02	196	373098	22.131 ng/ul	99
40) 1,1'-Biphenyl	13.35	154	1245231	20.950 ng/ul	98
41) 2-Chloronaphthalene	13.39	162	973634	20.934 ng/ul	98
42) 2-Nitroaniline	13.60	65	254719	21.574 ng/ul	93
44) Dimethylphthalate	13.97	163	1308155	21.104 ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	254039	21.737 ng/ul	90
47) Acenaphthylene	14.24	152	1557535	21.216 ng/ul	99
48) 3-Nitroaniline	14.43	138	221108	20.367 ng/ul	88
49) Acenaphthene	14.58	153	1048830	20.646 ng/ul	100
50) 2,4-Dinitrophenol	14.63	184	136834	17.716 ng/ul	95
52) 4-Nitrophenol	14.73	109	177036	19.678 ng/ul#	76
53) Dibenzofuran	14.92	168	1546254	20.972 ng/ul	98
54) 2,4-Dinitrotoluene	14.88	165	377363	21.838 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.14	232	349244	21.213 ng/ul	90
56) Diethylphthalate	15.33	149	1340174	21.301 ng/ul	96
58) Fluorene	15.56	166	1282408	20.828 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.56	204	683825	21.000 ng/ul	98
60) 4-Nitroaniline	15.59	138	228415	18.062 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.64	198	239014	19.233 ng/ul#	88
64) N-Nitrosodiphenylamine	15.77	169	1102931	21.121 ng/ul	99
65) 4-Bromophenyl-phenylether	16.45	248	424981	20.988 ng/ul	98
66) Hexachlorobenzene	16.56	284	473739	20.927 ng/ul#	88
67) Atrazine	16.72	200	427422	20.675 ng/ul	95
68) Pentachlorophenol	16.91	266	280166	19.673 ng/ul	98
69) Phenanthrene	17.30	178	2050397	20.621 ng/ul	99
71) Anthracene	17.39	178	2135843	21.111 ng/ul	100
72) Carbazole	17.66	167	1758613	20.067 ng/ul	100
73) Di-n-butylphthalate	18.22	149	2272390	21.639 ng/ul#	98
74) Fluoranthene	19.31	202	2525048	20.813 ng/ul#	90
77) Pyrene	19.67	202	2669749	23.760 ng/ul#	89
78) Butylbenzylphthalate	20.56	149	1057566	24.027 ng/ul	86
79) 3,3'-Dichlorobenzidine	21.34	252	740489	19.628 ng/ul#	96
80) Benzo(a)anthracene	21.42	228	2563054	22.077 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.33	149	1526042	23.305 ng/ul#	98
82) Chrysene	21.46	228	2402971	21.785 ng/ul	99
84) Di-n-octyl phthalate	22.23	149	2474922	24.909 ng/ul	99
85) Benzo(b)fluoranthene	23.05	252	2339831	22.635 ng/ul#	98
86) Benzo(k)fluoranthene	23.10	252	2252528	21.826 ng/ul#	97
88) Benzo(a)pyrene	23.65	252	2109673	21.239 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.13	276	2000050	18.816 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.14	278	1684837	19.290 ng/ul#	96
91) Benzo(g,h,i)perylene	26.86	276	1665669	18.944 ng/ul#	94

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