

(QT Reviewed)

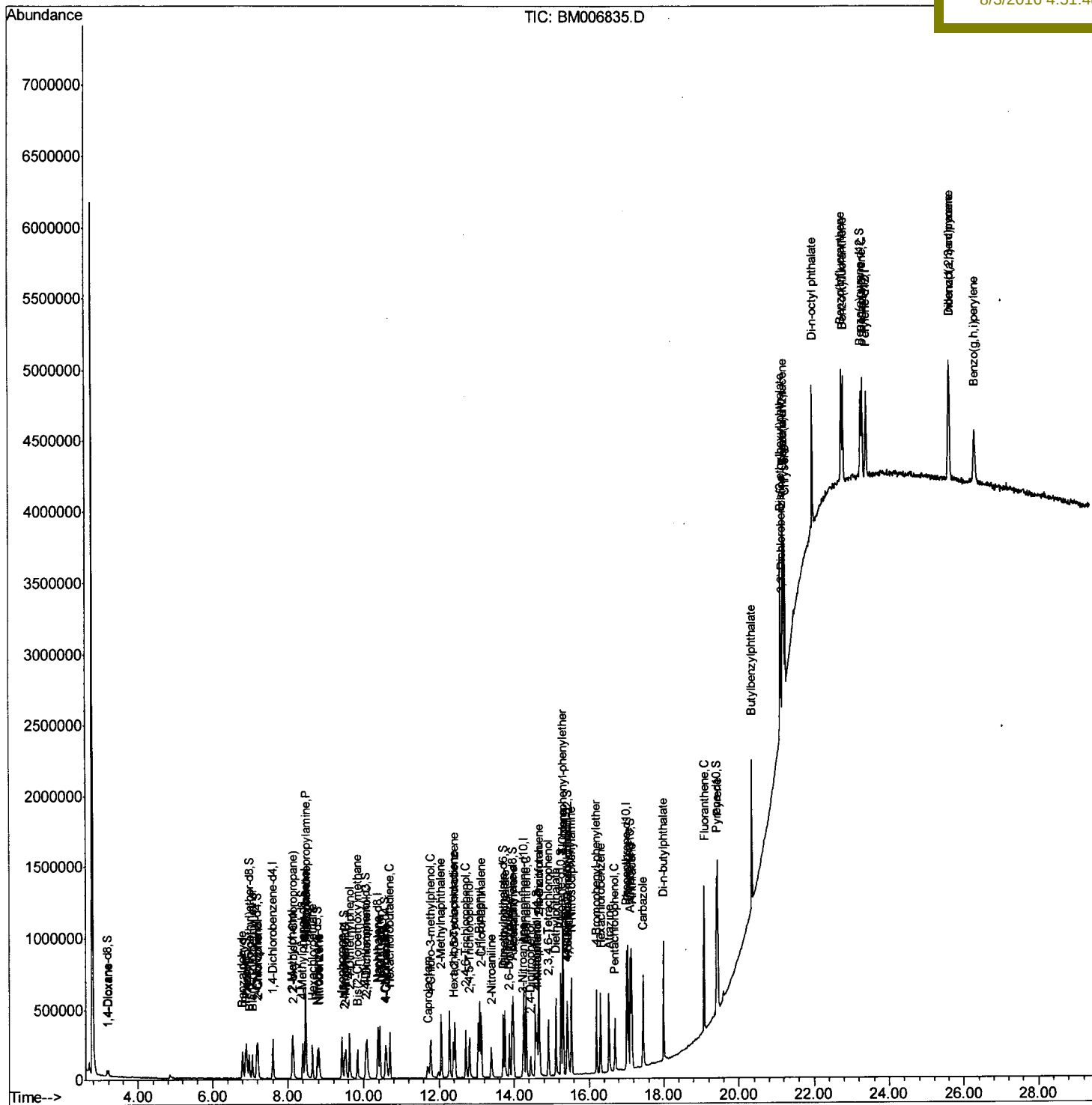
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080216\
Data File : BM006835.D
Acq On : 02 Aug 2016 16:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 03 04:35:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 28 01:25:43 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED

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Quantitation Report (Qedit)

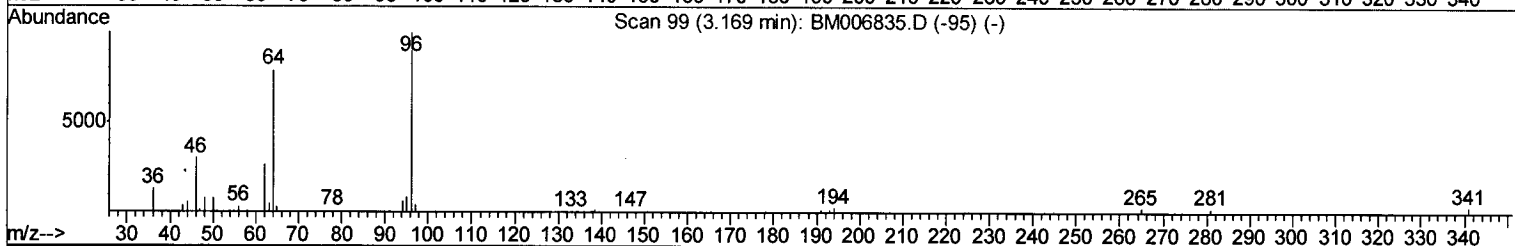
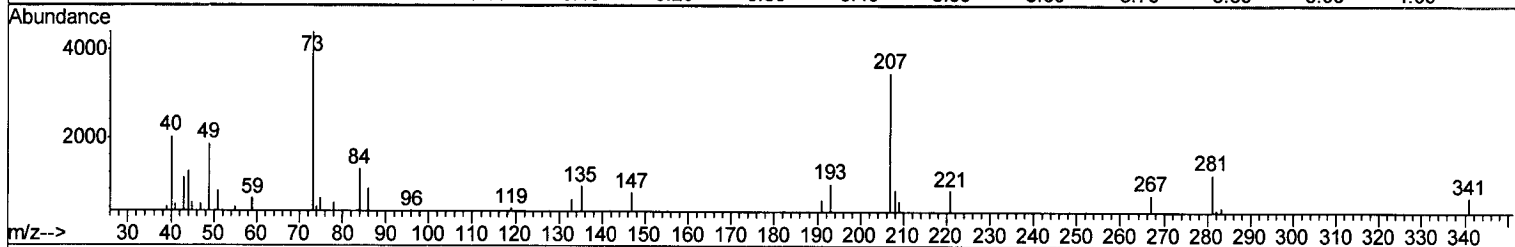
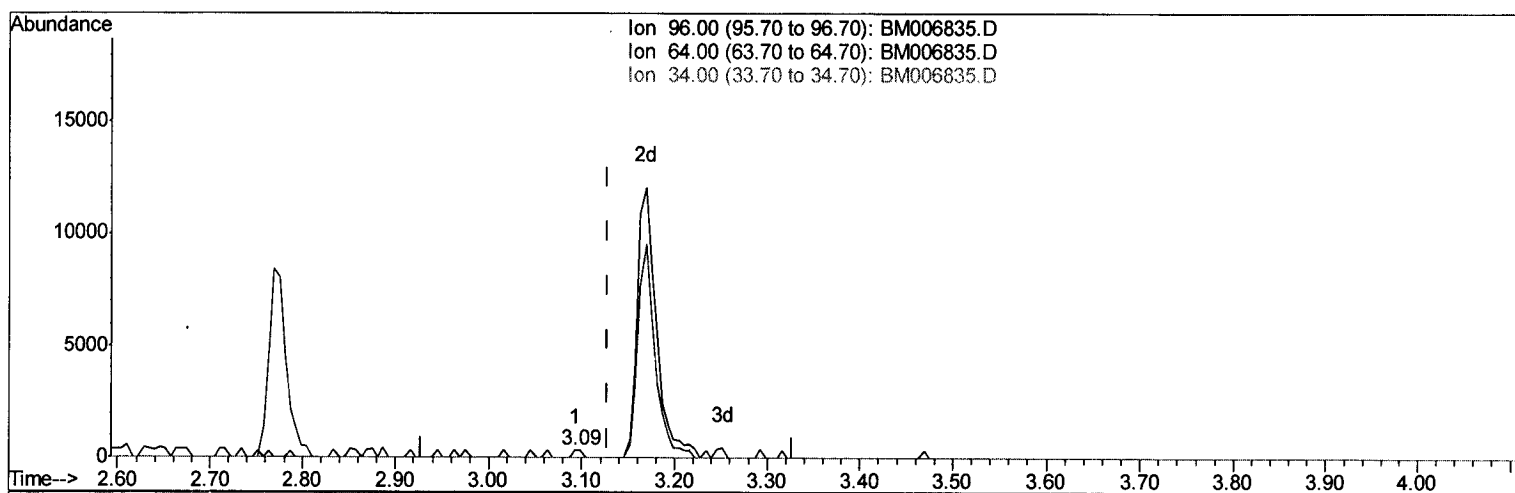
Data Path : Z:\HPCHEM1\BNA_M\Data\BM080216\
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TIC: BM006835.D

(3) 1,4-Dioxane-d8 (S)

3.093min (-0.035) 0.12ng/uL

response 231

Ion	Exp%	Act%
96.00	100	100
64.00	75.00	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

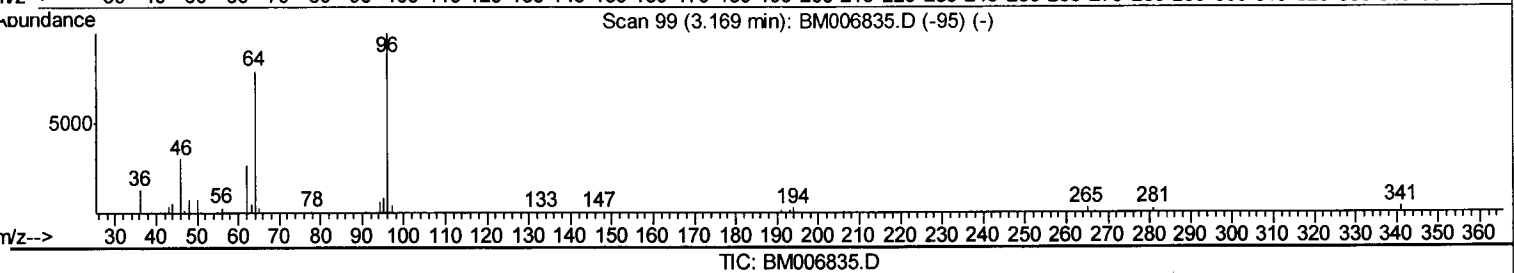
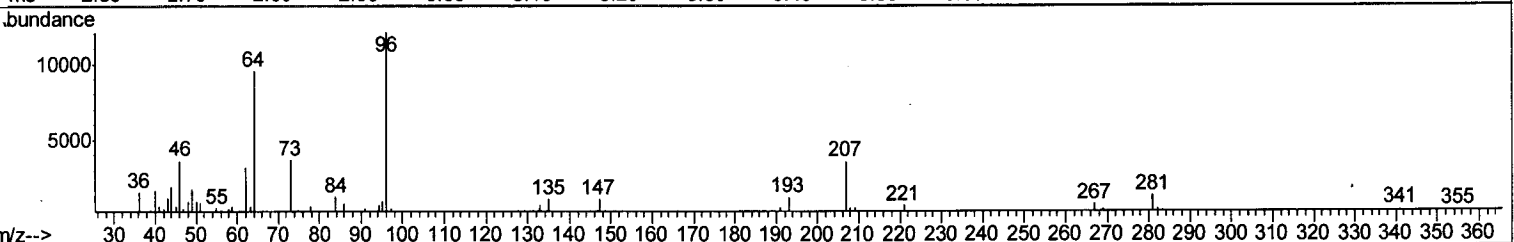
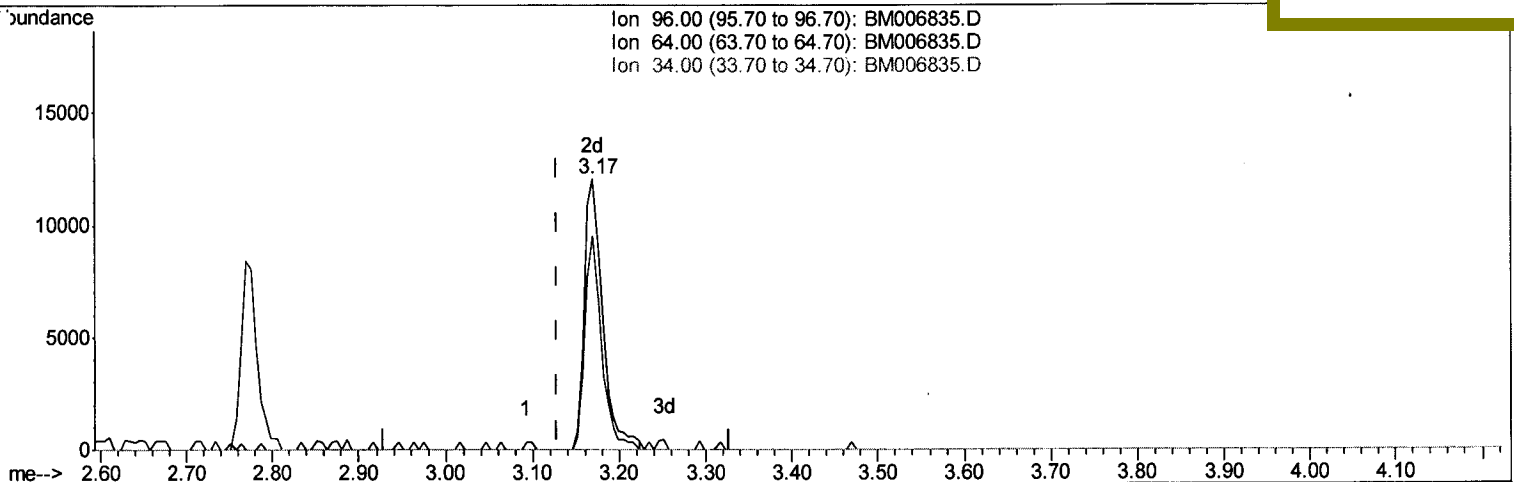
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(3) 1,4-Dioxane-d8 (S)

3.169min (+0.041) 9.34ng/uL m *U.M*
08/08/16

response 17332

Ion	Exp%	Act%
96.00	100	100
64.00	75.00	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

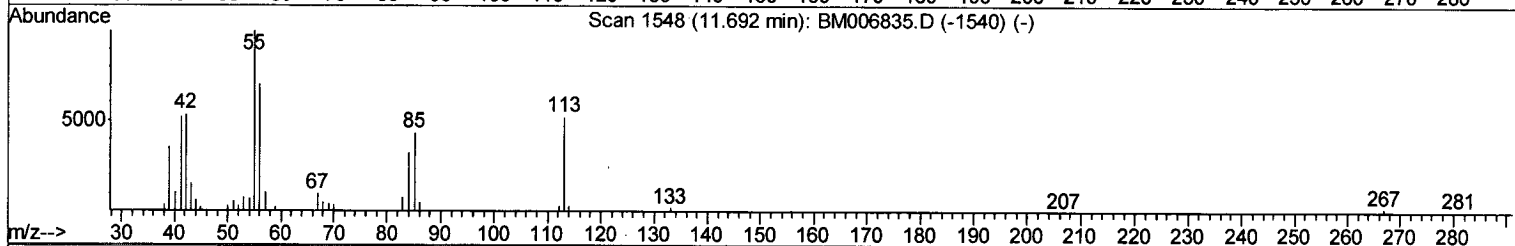
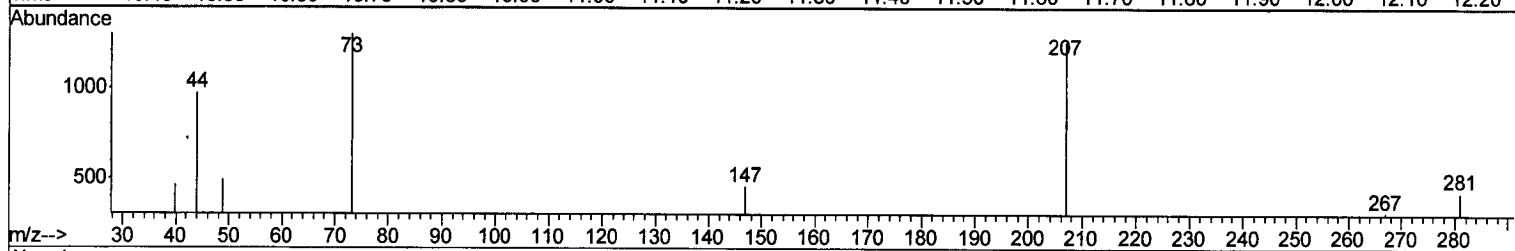
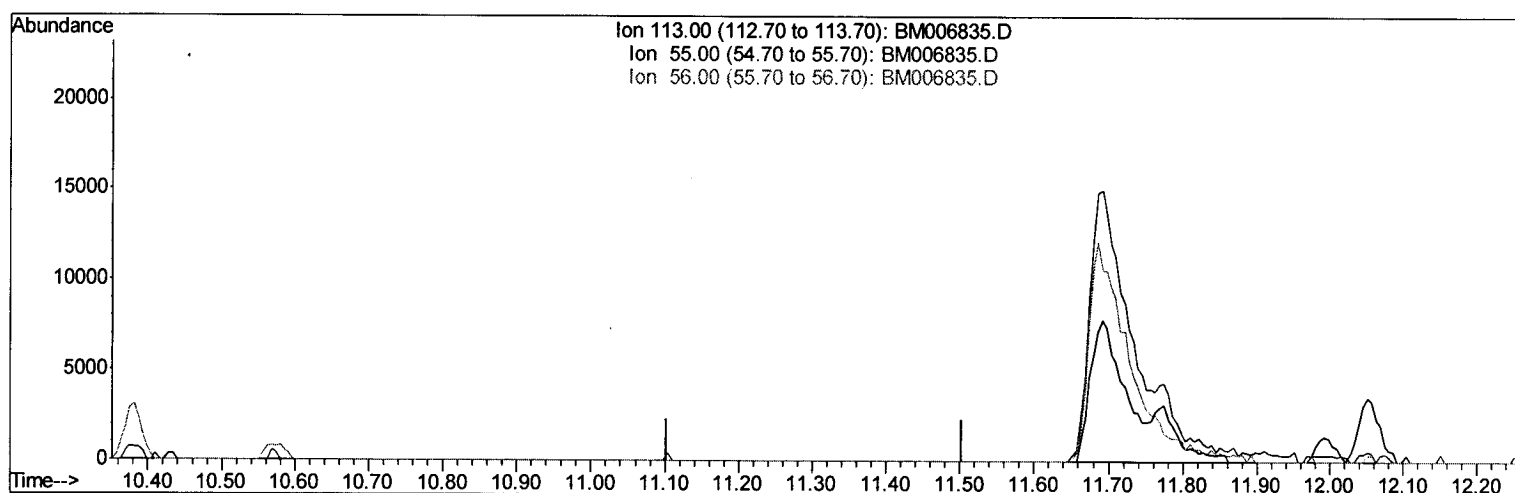
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 LabSampled :
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Manual Integrations
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TIC: BM006835.D

(32) Caprolactam

11.304min (-11.304) 0.00ng/ul

response 0

Ion	Exp%	Act%
113.00	100	0.00
55.00	194.80	0.00#
56.00	150.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

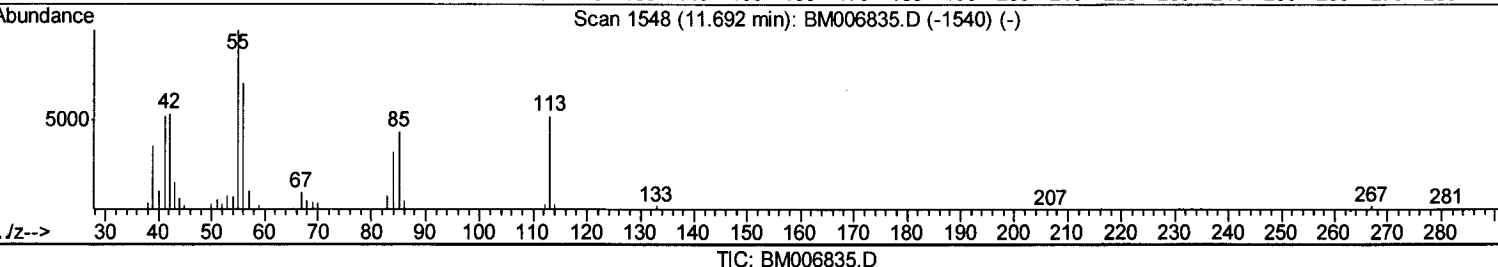
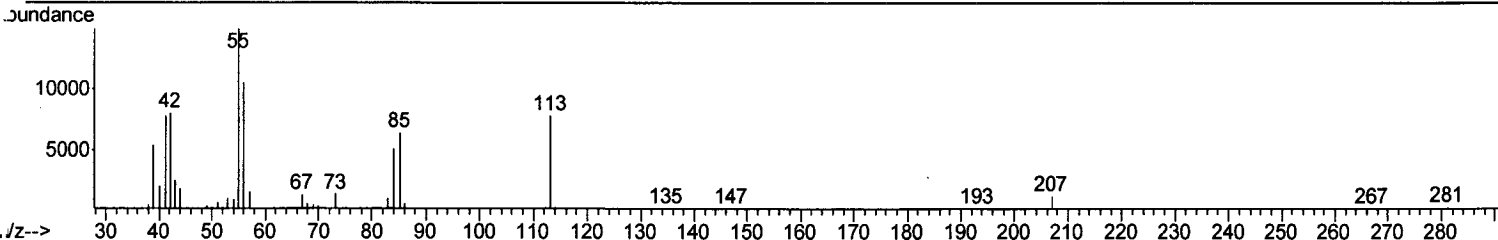
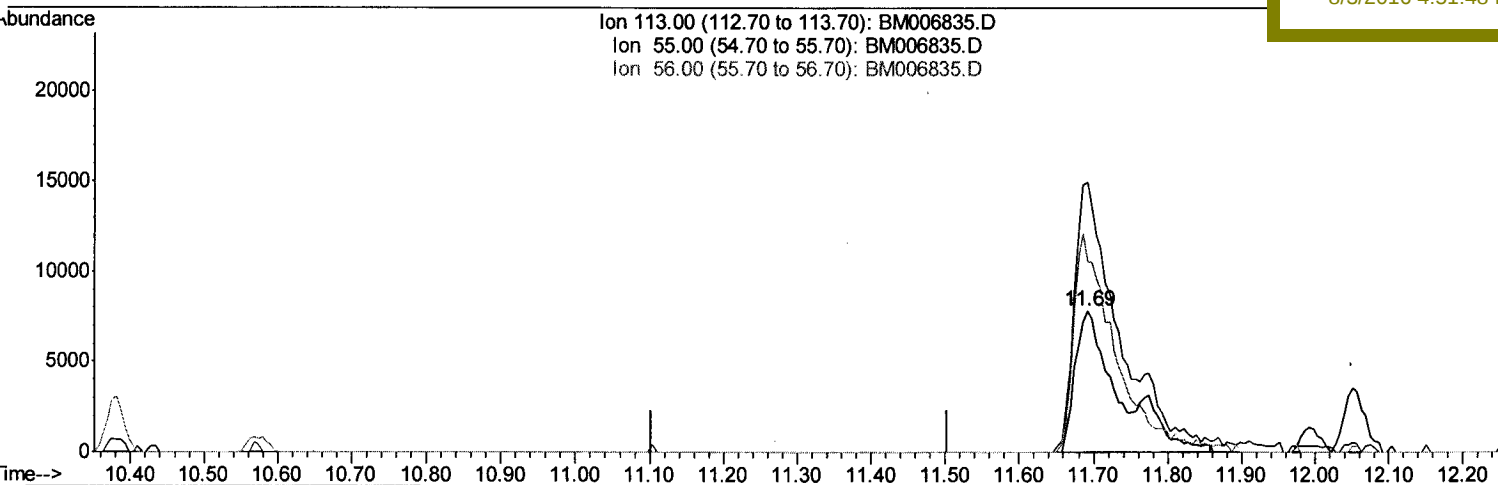
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(32) Caprolactam

11.692min (+0.388) 19.84ng/ul m U.M
 response 32801
 08/08/16

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	190.85
56.00	150.60	134.89
0.00	0.00	0.00

Quantitation Report (Qedit)

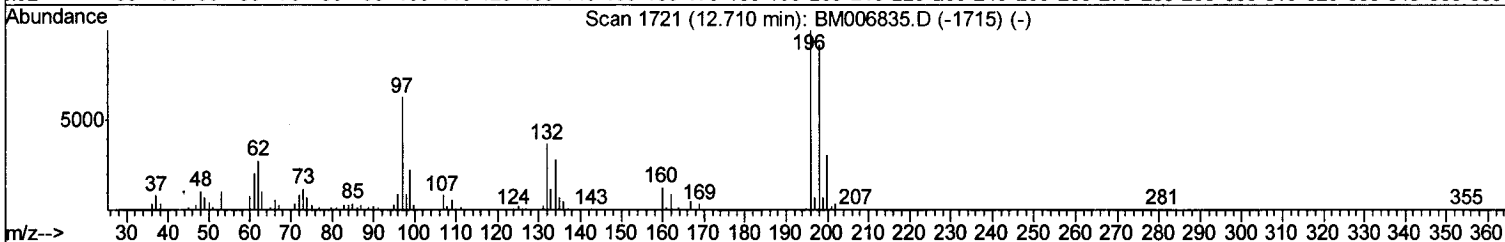
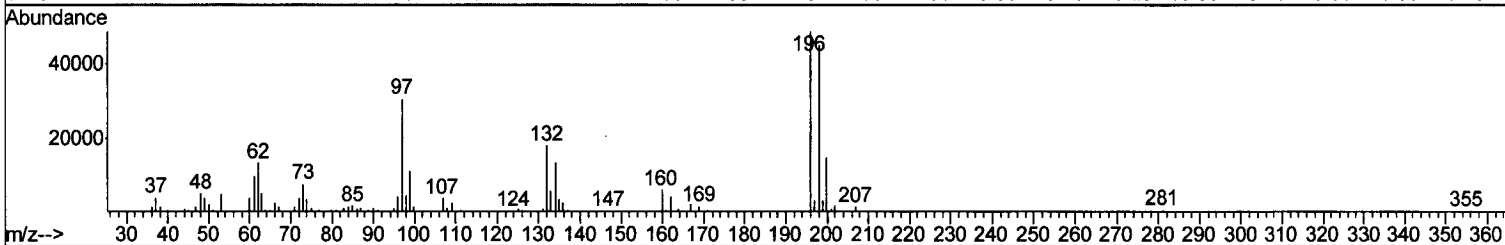
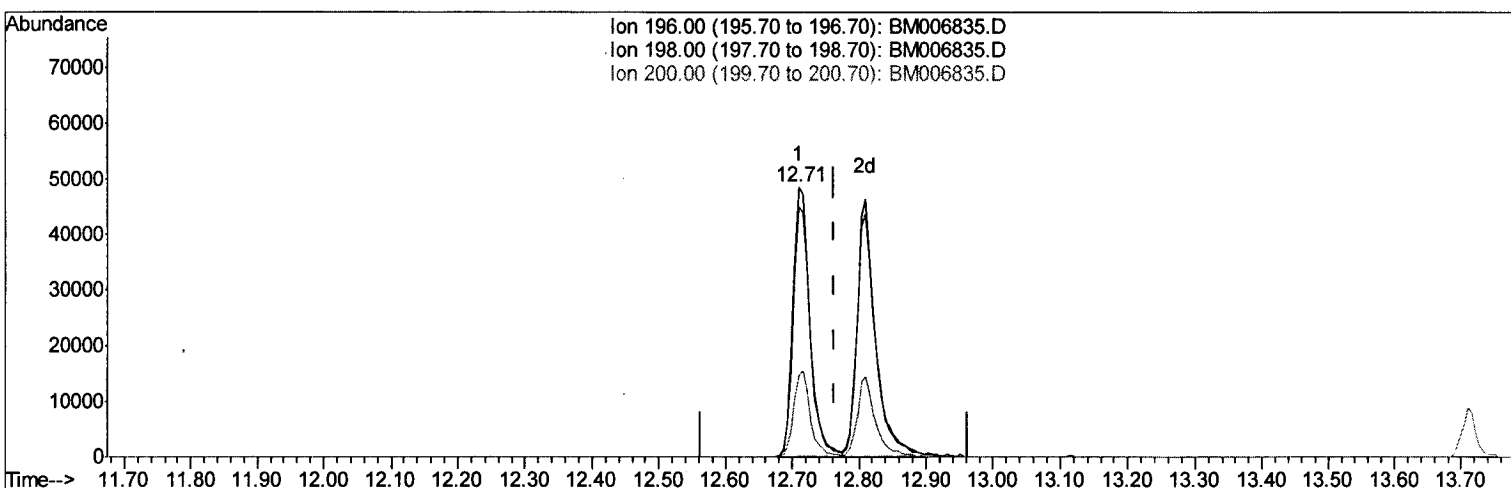
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TIC: BM006835.D

(39) 2,4,5-Trichlorophenol

12.710min (-0.053) 20.35ng/ul

response 84902

Ion	Exp%	Act%
196.00	100	100
198.00	95.40	92.79
200.00	29.80	30.70
0.00	0.00	0.00

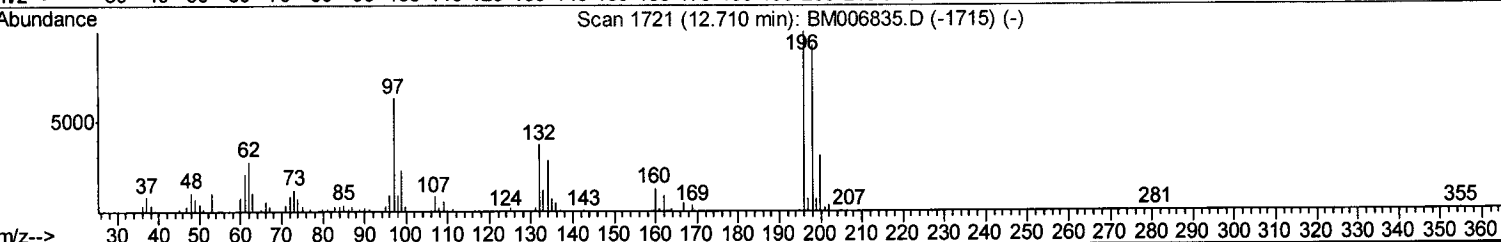
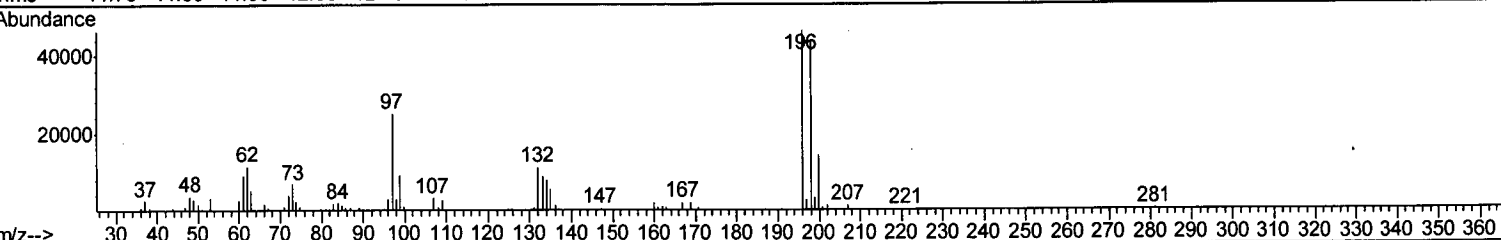
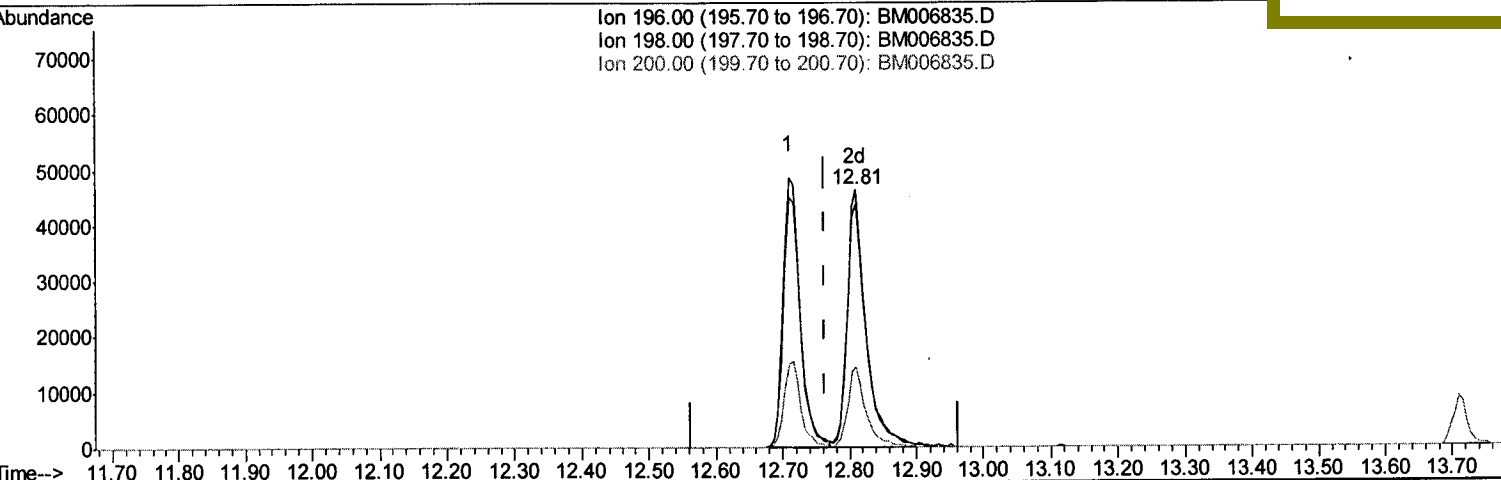
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TIC: BM006835.D

(39) 2,4,5-Trichlorophenol

12.810min (+0.047) 21.37ng/ul m U.M

response 89169

08/08/16

Ion	Exp%	Act%
196.00	100	100
198.00	95.40	94.17
200.00	29.80	30.93
0.00	0.00	0.00

Quantitation Report (Qedit)

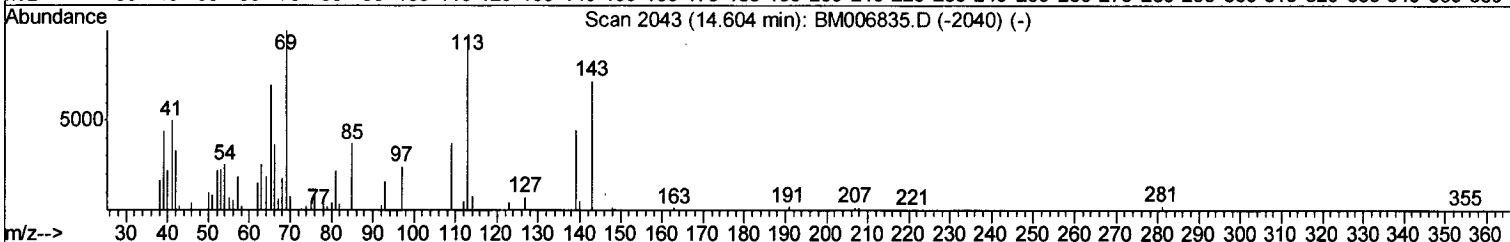
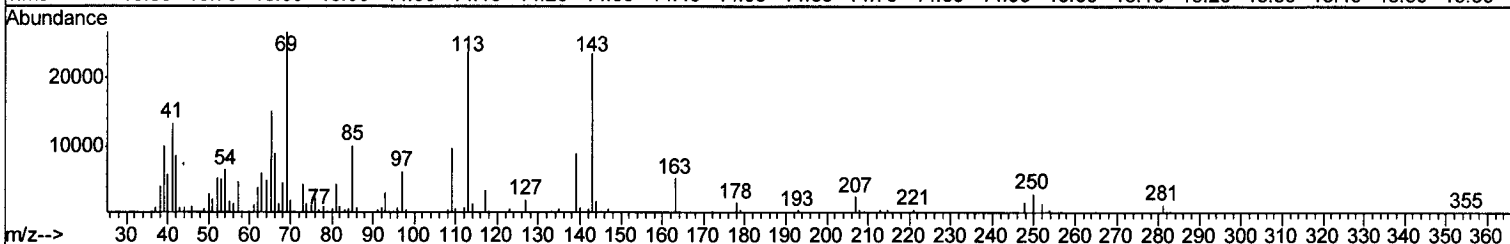
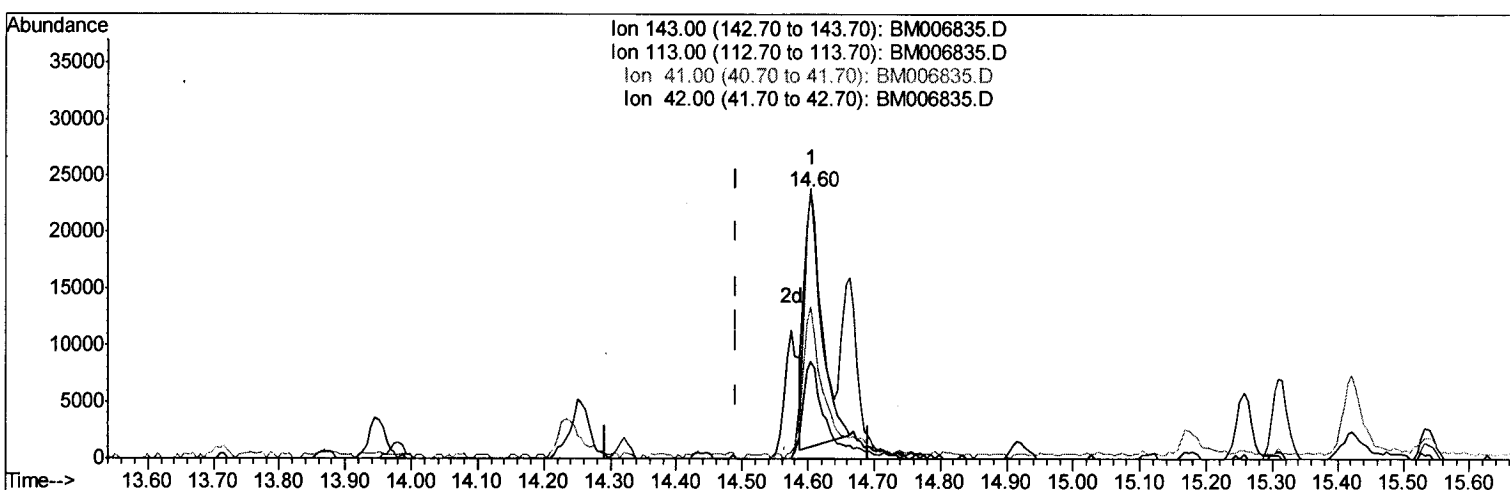
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TIC: BM006835.D

(51) 4-Nitrophenol-d4 (S)

14.604min (+0.112) 16.19ng/ul

response 41581

Ion	Exp%	Act%
143.00	100	100
113.00	88.10	101.05
41.00	48.30	56.57
42.00	33.70	36.21

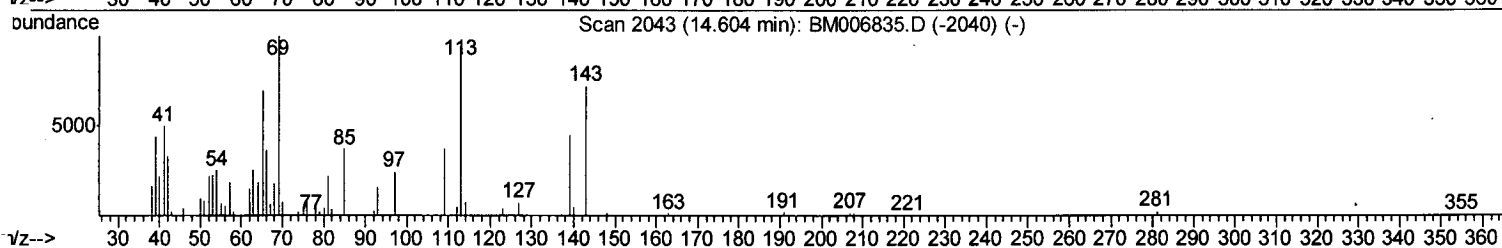
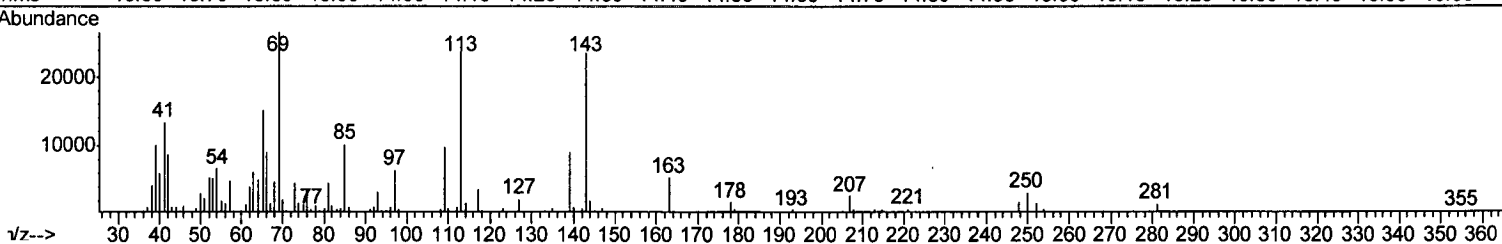
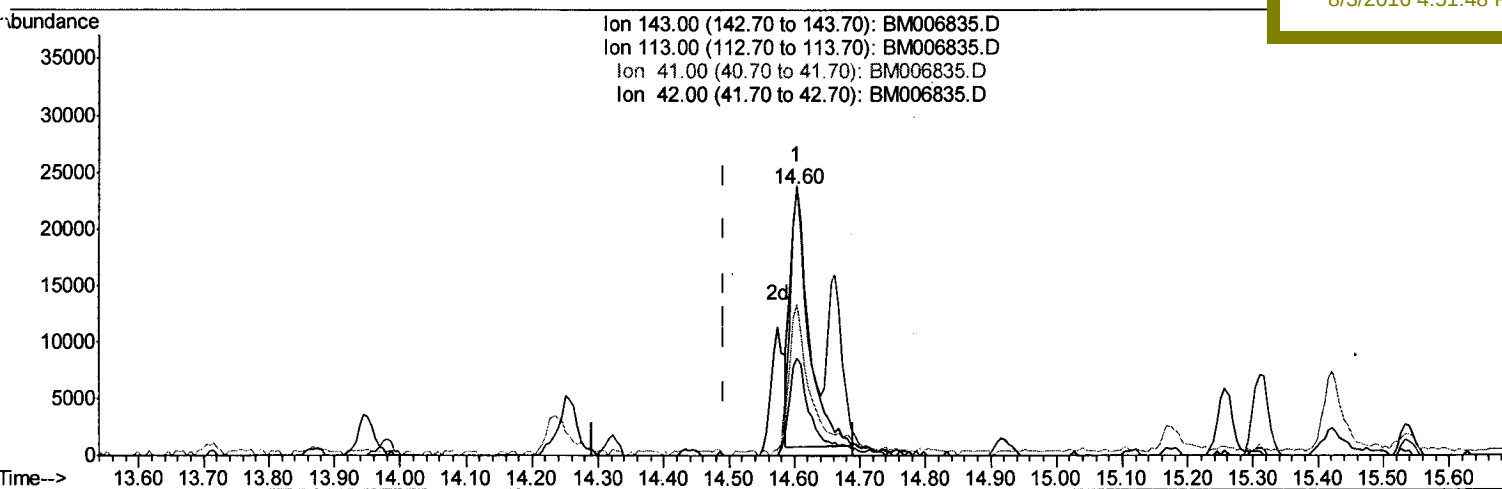
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA M
LabSampleId :
SSTD02034

Manual Integrations
APPROVED

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TIC: BM006835.D

(51) 4-Nitrophenol-d4 (S)

14.604min (+0.112) 17.77ng/ul m *U.M*
08/08/16

response 45643

Ion	Exp%	Act%
143.00	100	100
113.00	88.10	101.05
41.00	48.30	56.57
42.00	33.70	36.21

Quantitation Report (Qedit)

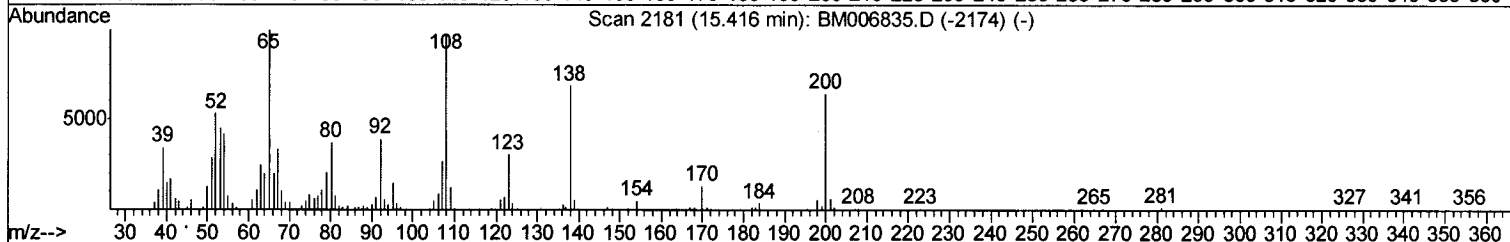
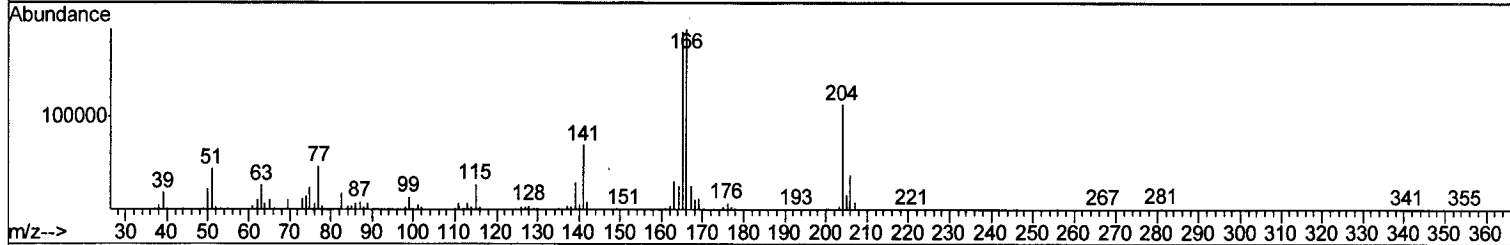
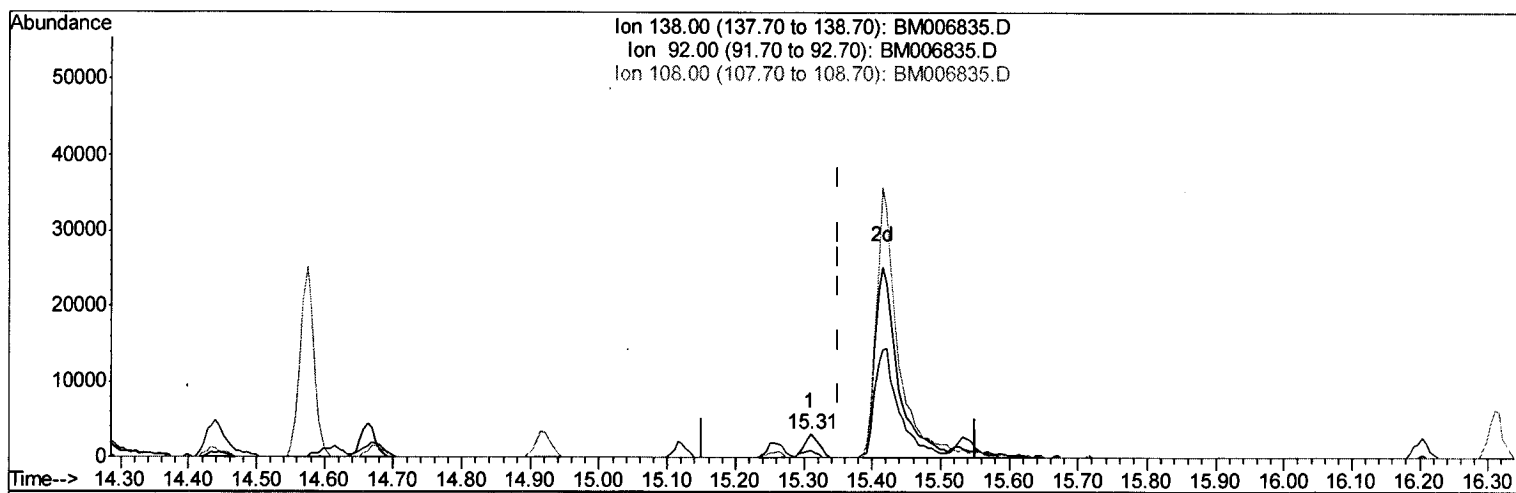
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TIC: BM006835.D

(60) 4-Nitroaniline

15.310min (-0.041) 1.32ng/ul

response 4656

Ion	Exp%	Act%
138.00	100	100
92.00	54.20	29.99#
108.00	99.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

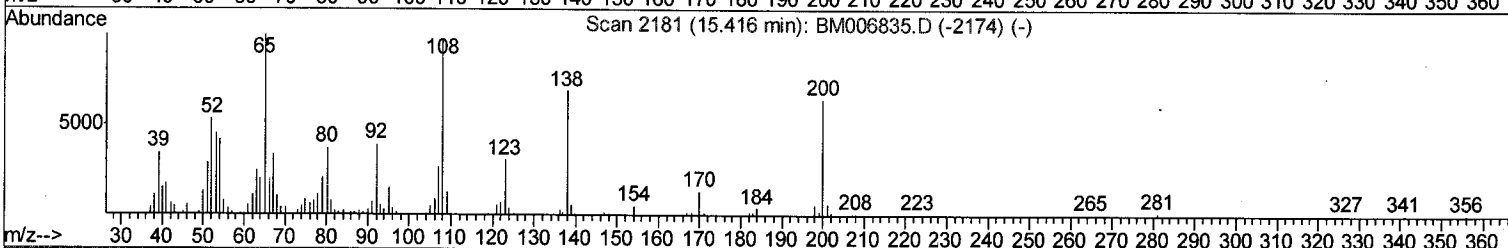
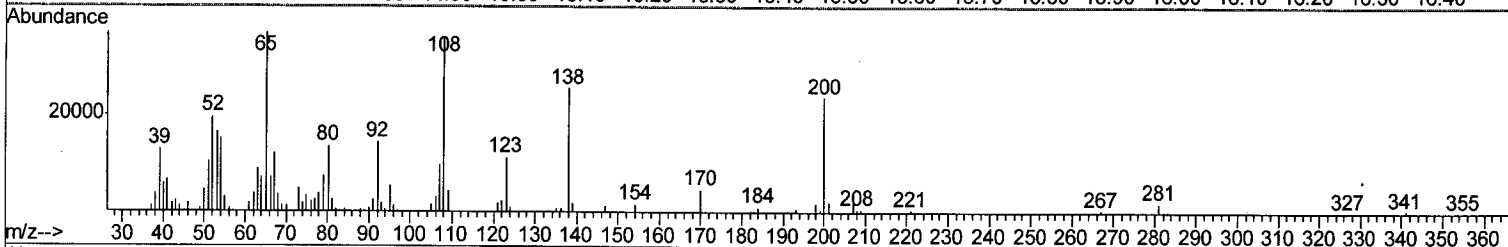
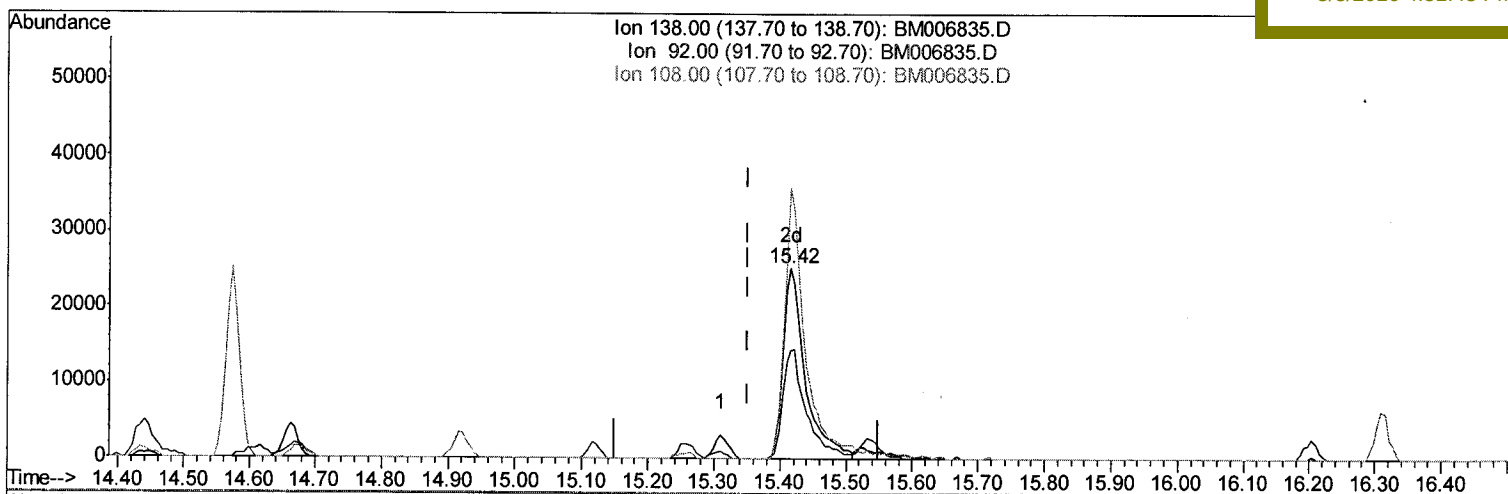
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TIC: BM006835.D

(60) 4-Nitroaniline

15.416min (+0.065) 16.85ng/ul m U, M

response 59481

08/08/16

Ion	Exp%	Act%
138.00	100	100
92.00	54.20	56.95
108.00	99.90	141.80#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	72135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	298996	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	187072	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	486739	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	550102	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	556835	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	17332m	9.34	ng/uL	0.04
5) Phenol-d5	6.87	99	116484	18.37	ng/ul	0.08
7) Bis-(2-Chloroethyl) ether-d	6.97	67	71442	18.35	ng/ul	0.02
9) 2-Chlorophenol-d4	7.17	132	98392	19.78	ng/ul	0.02
13) 4-Methylphenol-d8	8.39	113	91754	18.45	ng/ul	0.07
19) Nitrobenzene-d5	8.78	128	43395	18.80	ng/ul	0.02
22) 2-Nitrophenol-d4	9.50	143	50430	20.22	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.06	165	94162	20.59	ng/ul	0.04
29) 4-Chloroaniline-d4	10.57	131	106815	23.00	ng/ul	0.04
43) Dimethylphthalate-d6	13.71	166	300265	20.12	ng/ul	0.04
46) Acenaphthylene-d8	13.95	160	380296	20.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	45643m	17.77	ng/ul	0.11
57) Fluorene-d10	15.26	176	281926	21.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	50913	19.19	ng/ul	0.02
70) Anthracene-d10	17.12	188	467110	20.57	ng/ul	0.00
76) Pyrene-d10	19.42	212	528356	20.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	519612	20.62	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	17571	9.20	ng/uL#	24
4) Benzaldehyde	6.79	77	76618	18.92	ng/ul	99
6) Phenol	6.90	94	125988	18.80	ng/ul	94
8) Bis(2-Chloroethyl) ether	7.06	93	96577	19.07	ng/ul	96
10) 2-Chlorophenol	7.20	128	98982	19.46	ng/ul	95
11) 2-Methylphenol	8.12	108	91501	18.23	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	149844	20.39	ng/ul#	91
14) Acetophenone	8.47	105	152340	19.66	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.46	70	77835	18.37	ng/ul	90
16) 4-Methylphenol	8.46	108	101080	18.95	ng/ul	95
17) Hexachloroethane	8.65	117	41719	19.35	ng/ul	89
20) Nitrobenzene	8.82	77	119352	20.22	ng/ul	98
21) Isophorone	9.42	82	202437	18.24	ng/ul	98
23) 2-Nitrophenol	9.53	139	53869	19.71	ng/ul	90
24) 2,4-Dimethylphenol	9.63	107	118447	20.36	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	125300	18.35	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	94681	20.89	ng/ul	99
28) Naphthalene	10.43	128	303859	20.33	ng/ul	99
30) 4-Chloroaniline	10.60	127	111932	23.37	ng/ul	98
31) Hexachlorobutadiene	10.69	225	66144	23.14	ng/ul	94
32) Caprolactam	11.69	113	32801m	19.84	ng/ul	94
33) 4-Chloro-3-methylphenol	11.77	107	107423	20.26	ng/ul	94
34) 2-Methylnaphthalene	12.05	142	233494	21.25	ng/ul	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	127917	21.27	ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	69135	26.81	ng/ul	99
38) 2,4,6-Trichlorophenol	12.71	196	84902	21.08	ng/ul	98
39) 2,4,5-Trichlorophenol	12.81	196	89169m	21.37	ng/ul	99
40) 1,1'-Biphenyl	13.08	154	299695	19.68	ng/ul	99
41) 2-Chloronaphthalene	13.12	162	237042	20.08	ng/ul	99
42) 2-Nitroaniline	13.39	65	79161	19.15	ng/ul	98
44) Dimethylphthalate	13.76	163	308264	20.64	ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	59711	19.21	ng/ul	95
47) Acenaphthylene	13.98	152	393379	20.13	ng/ul	99
48) 3-Nitroaniline	14.23	138	54013	19.28	ng/ul	94
49) Acenaphthene	14.32	153	256406	20.59	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	33746	21.92	ng/ul	97
52) 4-Nitrophenol	14.62	109	48207	20.71	ng/ul	87
53) Dibenzofuran	14.66	168	373902	21.08	ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	92727	21.21	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	14.92	232	86231	24.58	ng/ul	98
56) Diethylphthalate	15.12	149	325517	20.61	ng/ul	99
58) Fluorene	15.32	166	314783	21.95	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	158832	22.74	ng/ul	99
60) 4-Nitroaniline	15.42	138	59481m	16.85	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	56739	19.89	ng/ul	98
64) N-Nitrosodiphenylamine	15.54	169	275734	18.92	ng/ul	100
65) 4-Bromophenyl-phenylether	16.20	248	105951	20.39	ng/ul	98
66) Hexachlorobenzene	16.31	284	121029	21.38	ng/ul	100
67) Atrazine	16.54	200	101245	19.51	ng/ul	97
68) Pentachlorophenol	16.69	266	68957	27.34	ng/ul	95
69) Phenanthrene	17.06	178	549186	20.81	ng/ul	100
71) Anthracene	17.15	178	554756	20.35	ng/ul	99
72) Carbazole	17.45	167	496194	20.80	ng/ul	99
73) Di-n-butylphthalate	18.00	149	613503	19.12	ng/ul	100
74) Fluoranthene	19.09	202	667370	22.33	ng/ul	96
77) Pyrene	19.45	202	691128	20.58	ng/ul#	95
78) Butylbenzylphthalate	20.36	149	319091	20.63	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.16	252	214654	22.85	ng/ul	99
80) Benzo(a)anthracene	21.20	228	677750	20.65	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	435539	19.56	ng/ul	99
82) Chrysene	21.26	228	619211	20.71	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	751594	21.16	ng/ul	98
85) Benzo(b)fluoranthene	22.77	252	670066	20.35	ng/ul	96
86) Benzo(k)fluoranthene	22.82	252	632182	20.94	ng/ul	95
88) Benzo(a)pyrene	23.33	252	655635	20.88	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.65	276	757751	20.59	ng/ul	96
90) Dibenzo(a,h)anthracene	25.65	278	638255	20.83	ng/ul	97
91) Benzo(g,h,i)perylene	26.33	276	644419	20.27	ng/ul	98

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