

(QT Reviewed)

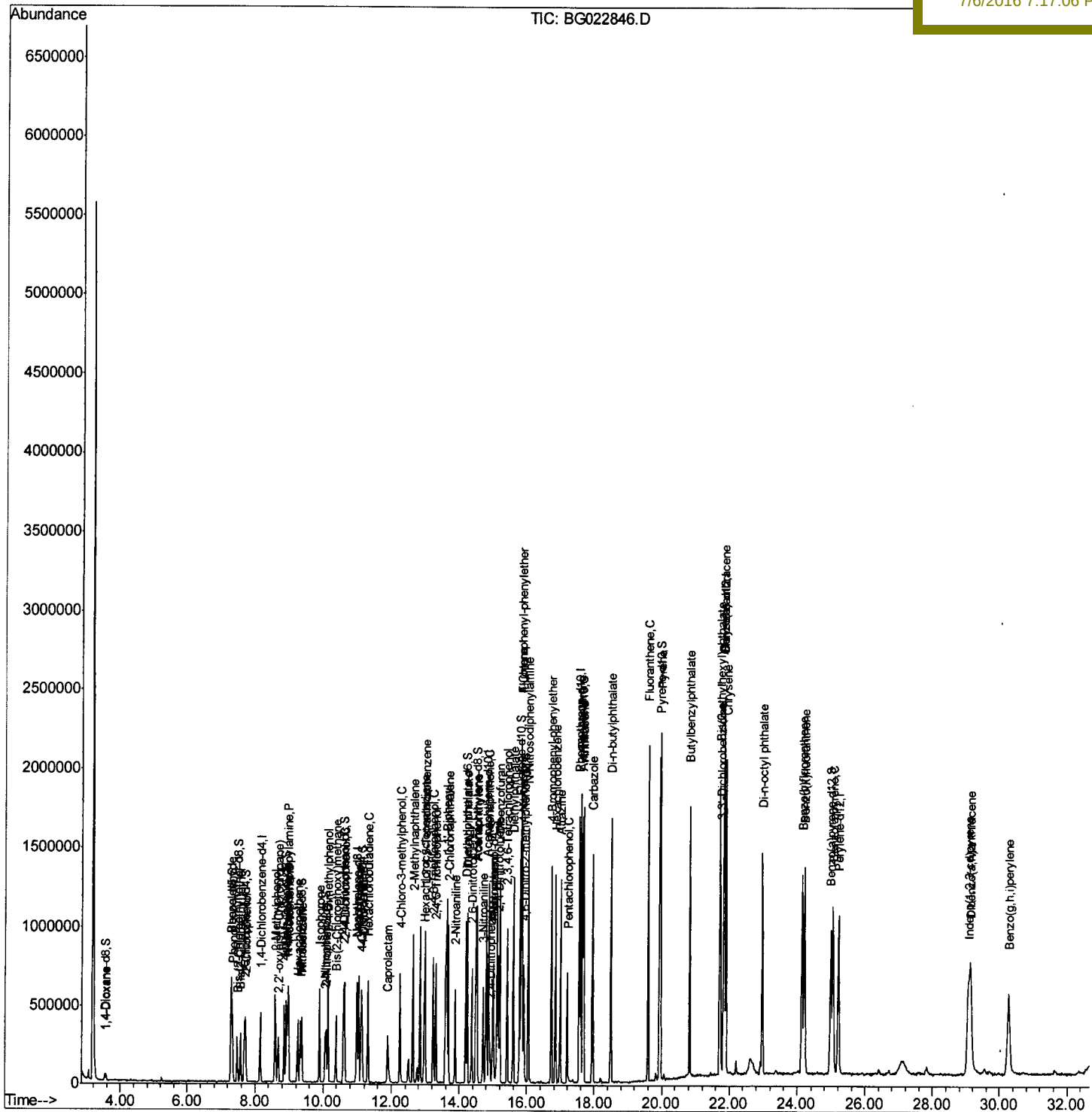
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022846.D
Acq On : 5 Jul 2016 9:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 06 03:14:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 08:19:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integration

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Quantitation Report (Qedit)

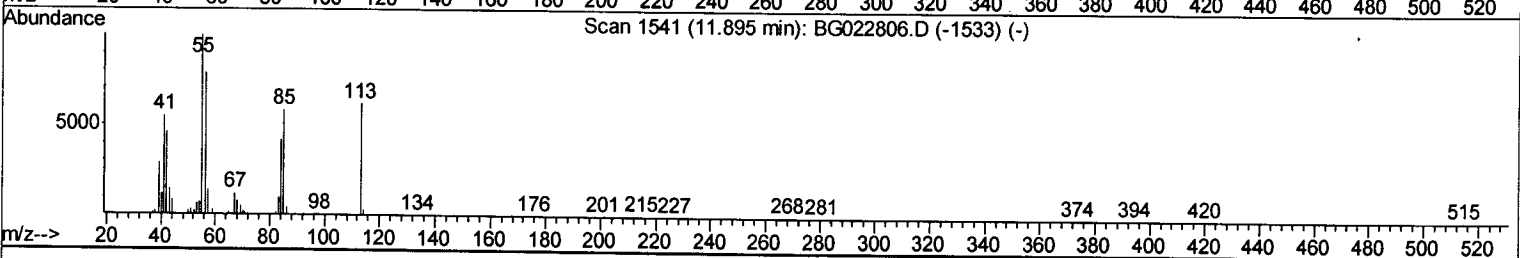
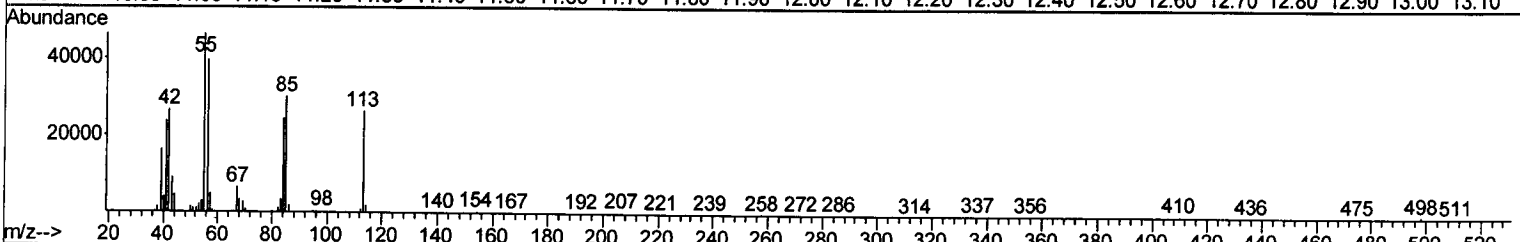
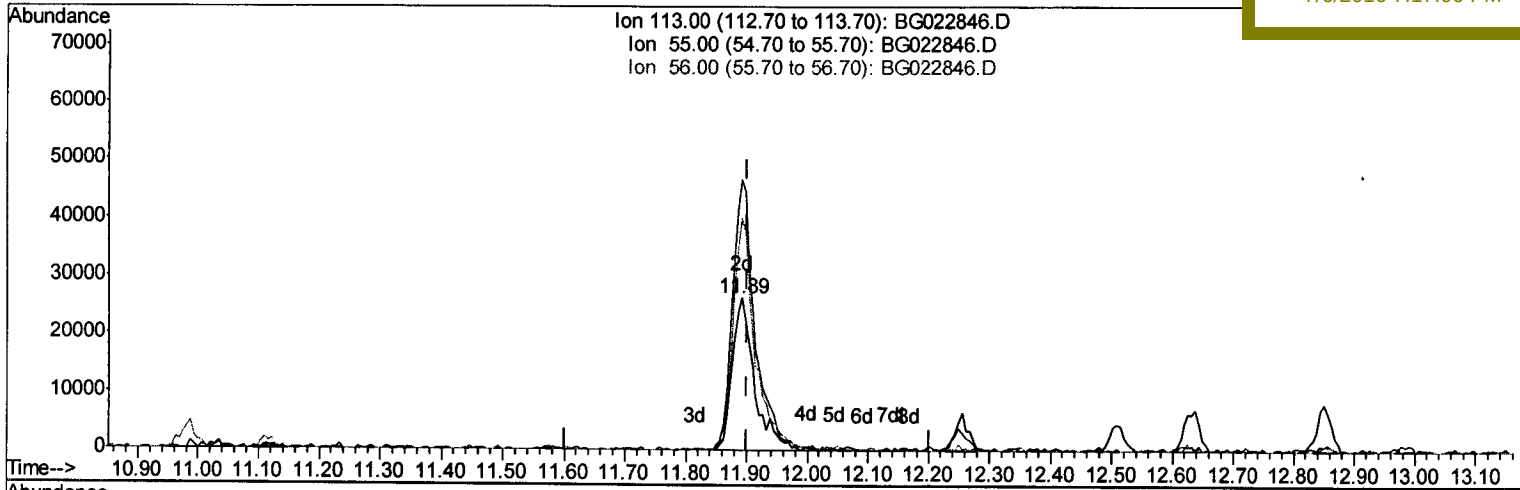
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TIC: BG022846.D

(32) Caprolactam

11.891min (-0.010) 18.87ng/ul m U.M
 response 66564 07/11/16

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	176.04#
56.00	83.00	151.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

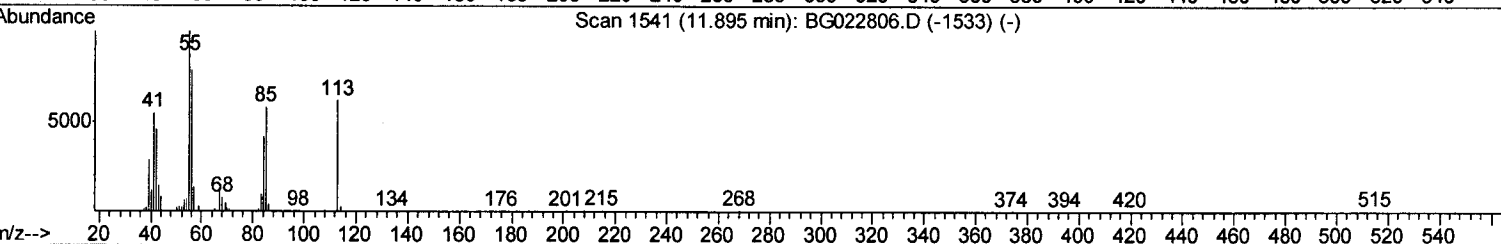
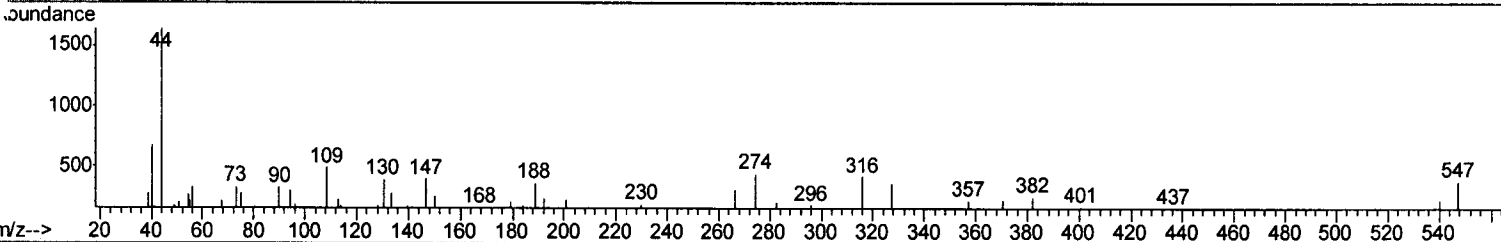
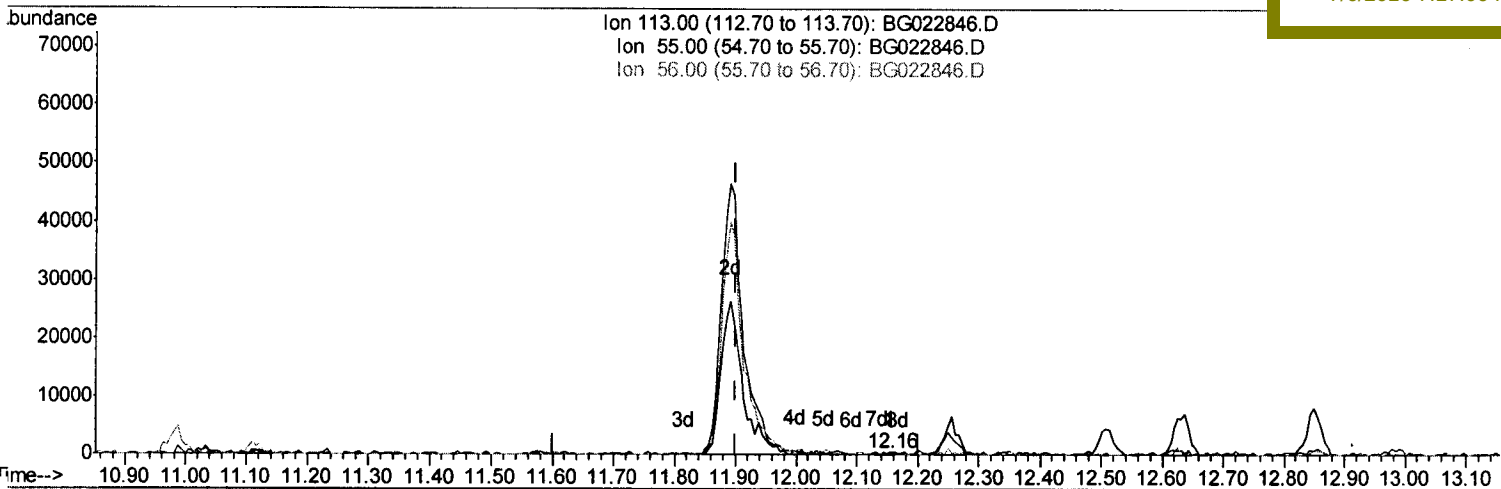
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TIC: BG022846.D

(32) Caprolactam

12.156min (+0.255) 0.06ng/ul

response 216

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	123.20
56.00	83.00	83.25
0.00	0.00	0.00

Quantitation Report (Qedit)

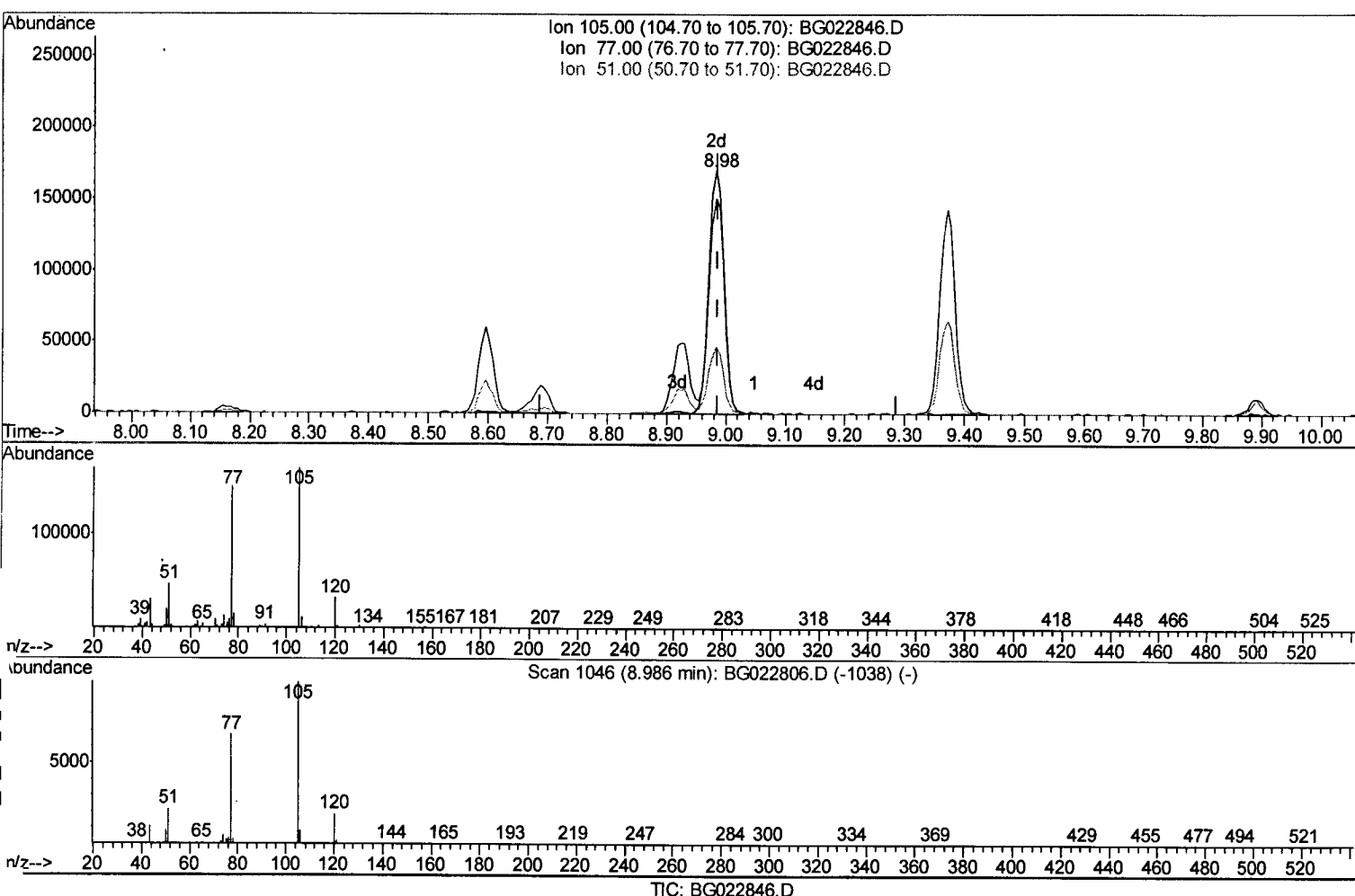
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Instrument :
 BNA G
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(14) Acetophenone

8.983min (-0.004) 19.05ng/ul m V.M
 response 299685 27/11/16

Ion	Exp%	Act%
105.00	100	100
77.00	70.10	88.55#
51.00	18.30	27.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

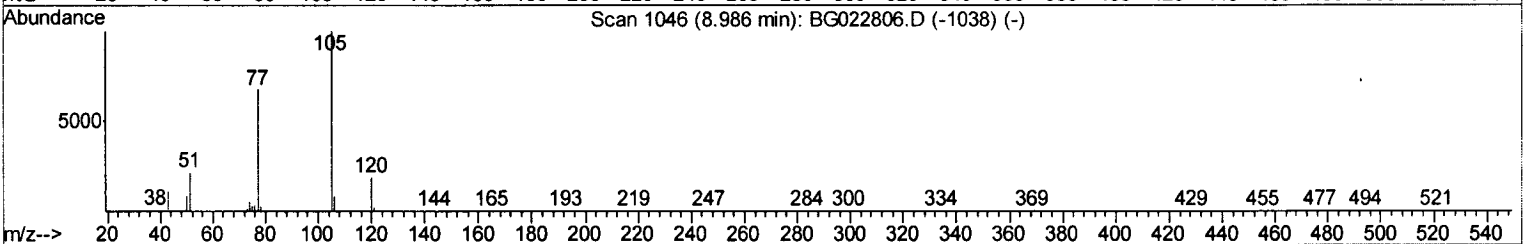
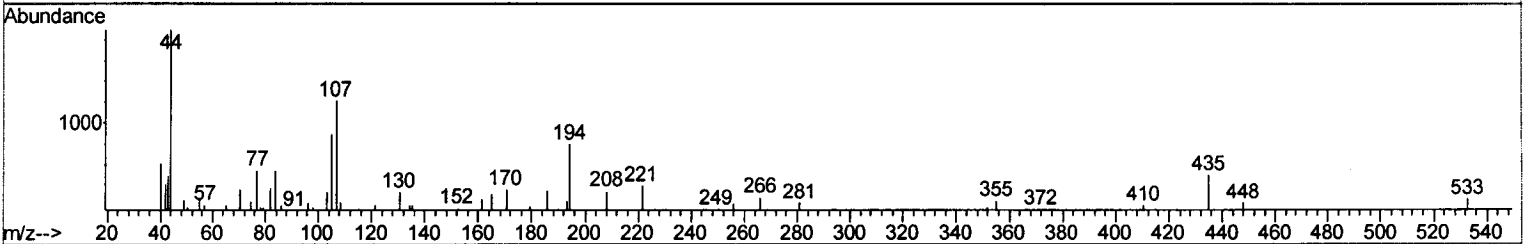
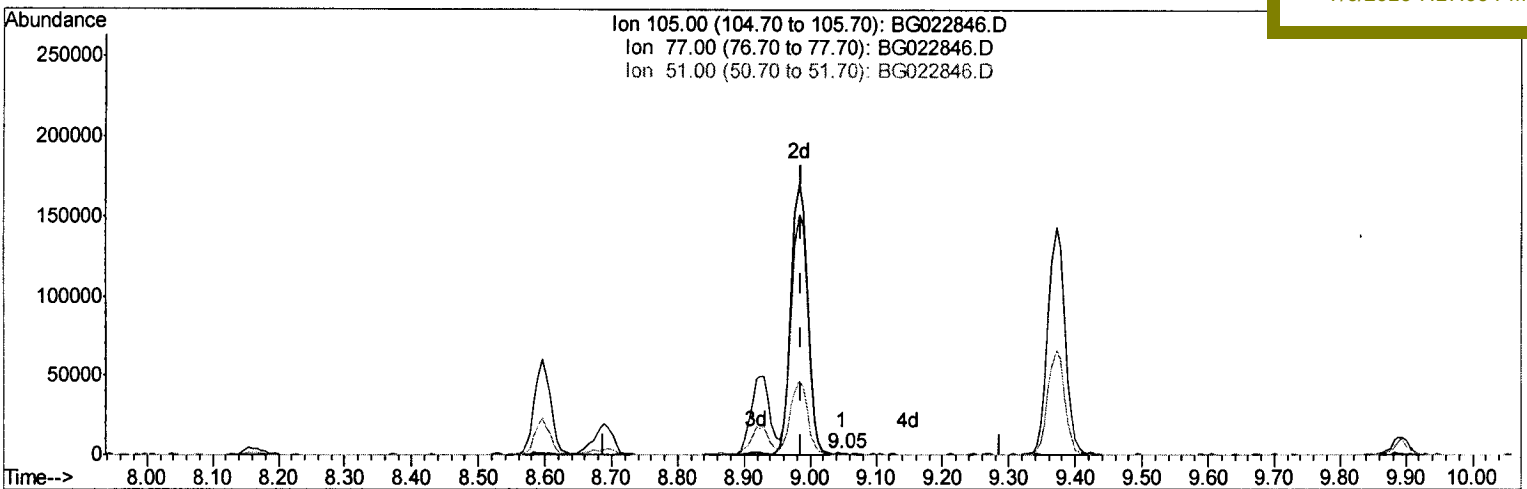
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TIC: BG022846.D

(14) Acetophenone

9.048min (+0.061) 0.05ng/ul

response 724

Ion	Exp%	Act%
105.00	100	100
77.00	70.10	59.84
51.00	18.30	17.56
0.00	0.00	0.00

Quantitation Report (Qedit)

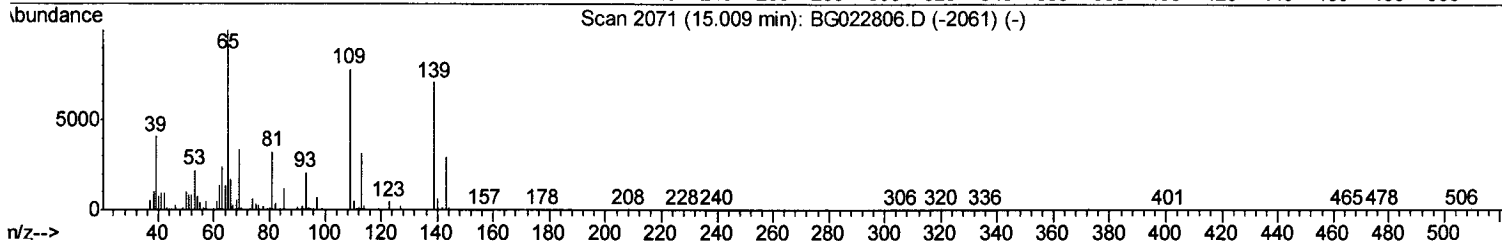
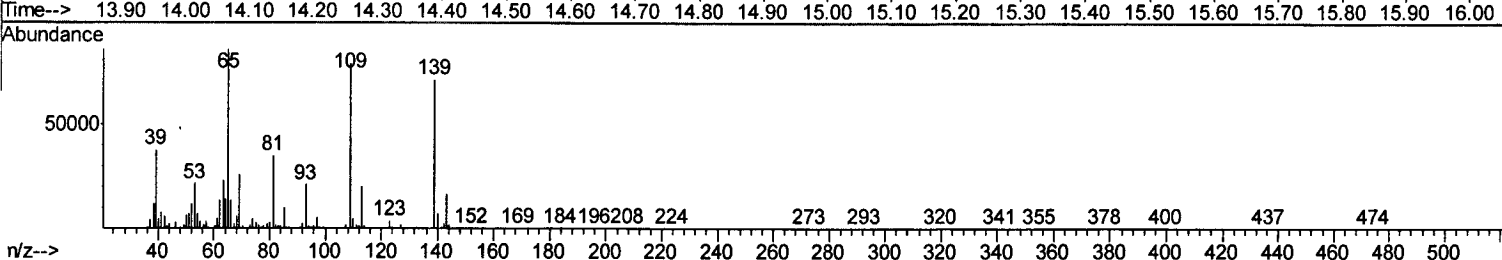
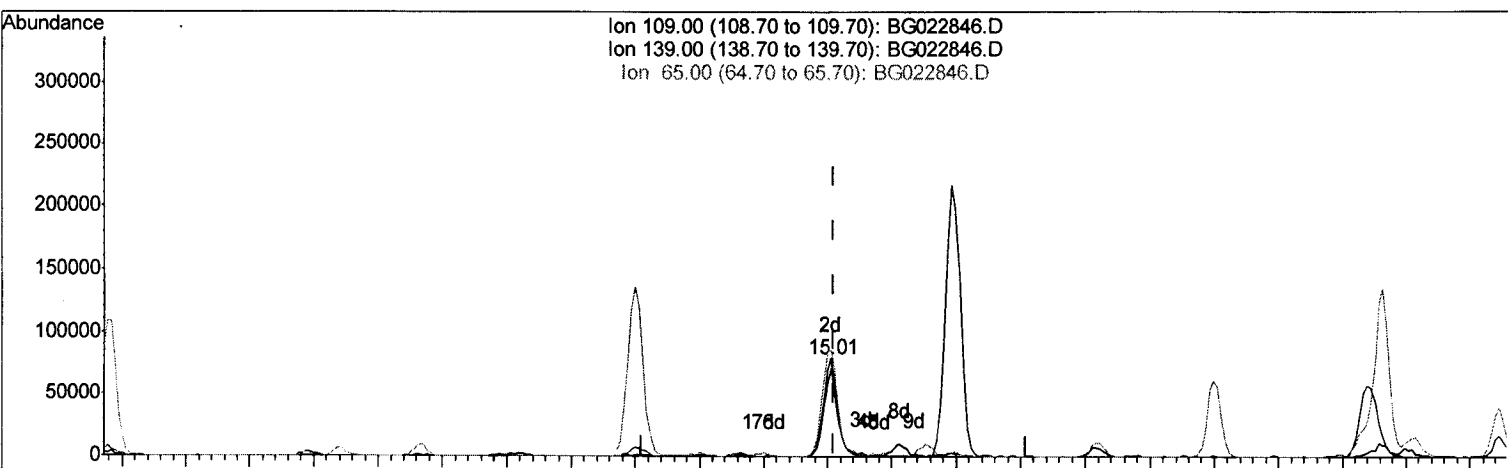
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TIC: BG022846.D

(52) 4-Nitrophenol

15.005min (-0.004) 19.05ng/ul m

response 123096

Ion Exp% Act%

109.00 100 100

139.00 170.10 90.39#

65.00 132.50 108.63

0.00 0.00 0.00

V.M
 07/11/16

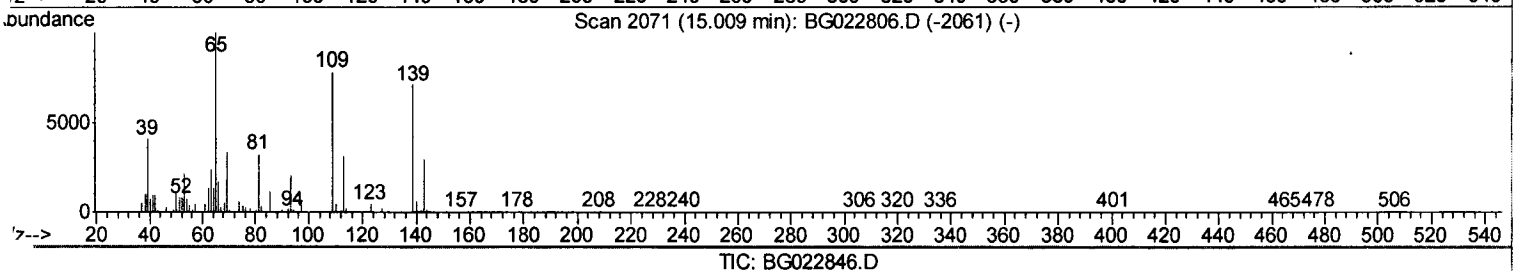
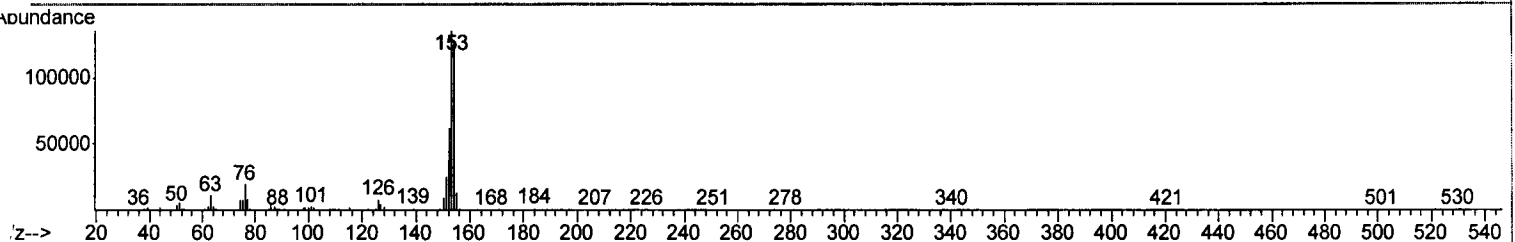
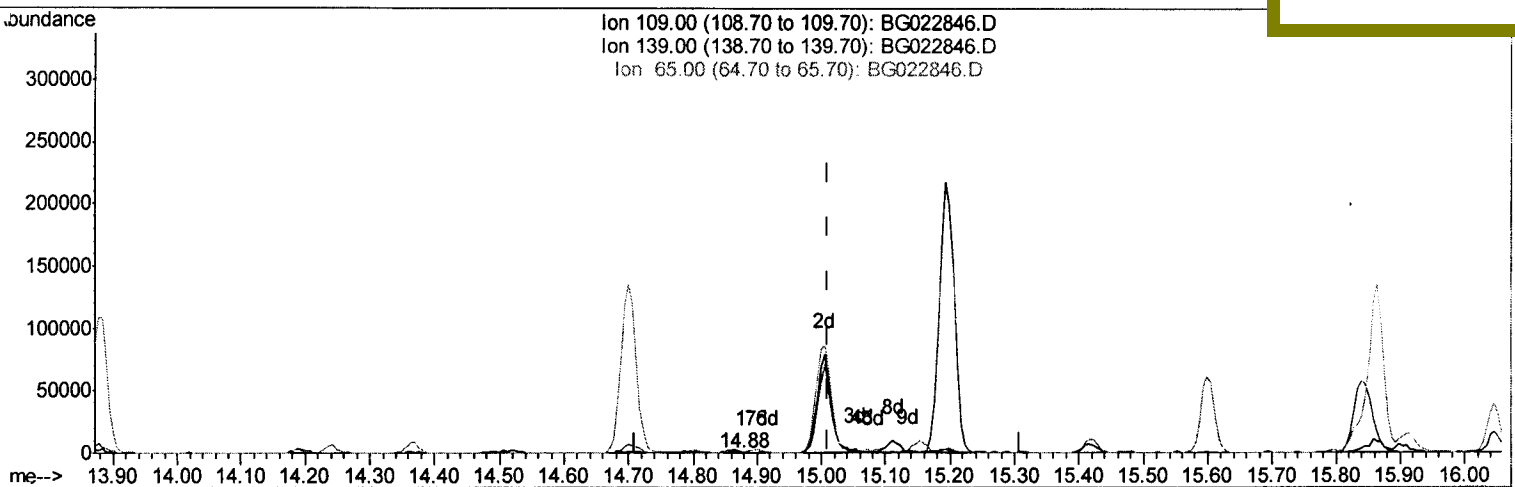
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Manual Integration

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(52) 4-Nitrophenol

14.876min (-0.133) 0.06ng/ul

response 369

Ion	Exp%	Act%
109.00	100	100
139.00	170.10	203.71
65.00	132.50	136.66
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	303315	20.37	ng/ul	93
37) Hexachlorocyclopentadiene	12.97	237	150605	16.75	ng/ul	92
38) 2,4,6-Trichlorophenol	13.23	196	189981	18.50	ng/ul	95
39) 2,4,5-Trichlorophenol	13.31	196	203274	18.81	ng/ul	98
40) 1,1'-Biphenyl	13.63	154	612715	20.23	ng/ul	97
41) 2-Chloronaphthalene	13.68	162	491757	20.05	ng/ul	97
42) 2-Nitroaniline	13.88	65	186467	19.65	ng/ul#	64
44) Dimethylphthalate	14.24	163	657362	19.89	ng/ul	100
45) 2,6-Dinitrotoluene	14.37	165	136778	19.12	ng/ul#	82
47) Acenaphthylene	14.52	152	780507	20.90	ng/ul	100
48) 3-Nitroaniline	14.70	138	120378	21.53	ng/ul#	52
49) Acenaphthene	14.86	153	520753	20.53	ng/ul	95
50) 2,4-Dinitrophenol	14.91	184	58854	14.80	ng/ul#	88
52) 4-Nitrophenol	15.01	109	123096m	19.05	ng/ul	
53) Dibenzofuran	15.19	168	821282	20.95	ng/ul#	86
54) 2,4-Dinitrotoluene	15.15	165	202349	19.56	ng/ul#	62
55) 2,3,4,6-Tetrachlorophenol	15.42	232	210495	19.13	ng/ul#	93
56) Diethylphthalate	15.60	149	696729	20.75	ng/ul	97
58) Fluorene	15.85	166	656208	20.84	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.83	204	382590	20.28	ng/ul	97
60) 4-Nitroaniline	15.86	138	142236	21.18	ng/ul#	34
63) 4,6-Dinitro-2-methylphenol	15.92	198	116295	16.52	ng/ul#	86
64) N-Nitrosodiphenylamine	16.05	169	599509	19.71	ng/ul	98
65) 4-Bromophenyl-phenylether	16.73	248	264394	19.14	ng/ul	98
66) Hexachlorobenzene	16.85	284	292577	20.00	ng/ul	94
67) Atrazine	16.99	200	266449	21.01	ng/ul	99
68) Pentachlorophenol	17.20	266	136911	16.28	ng/ul	91
69) Phenanthrene	17.59	178	1092702	20.68	ng/ul	99
71) Anthracene	17.68	178	1113073	20.50	ng/ul	98
72) Carbazole	17.95	167	895235	22.28	ng/ul	97
73) Di-n-butylphthalate	18.50	149	1098749	21.31	ng/ul#	95
74) Fluoranthene	19.59	202	1312089	23.84	ng/ul#	87
77) Pyrene	19.96	202	1330458	20.98	ng/ul#	85
78) Butylbenzylphthalate	20.83	149	501853	20.41	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.74	252	499442	23.28	ng/ul#	97
80) Benzo(a)anthracene	21.83	228	1410272	21.23	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.71	149	698226	22.00	ng/ul#	96
82) Chrysene	21.90	228	1277247	21.12	ng/ul	94
84) Di-n-octyl phthalate	22.97	149	1180441	23.23	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	1434442	19.91	ng/ul#	91
86) Benzo(k)fluoranthene	24.21	252	1440646	21.28	ng/ul#	88
88) Benzo(a)pyrene	25.05	252	1384032	20.21	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.05	276	1508769	20.84	ng/ul#	82
90) Dibenzo(a,h)anthracene	29.12	278	1230701	20.56	ng/ul#	88
91) Benzo(g,h,i)perylene	30.27	276	1236888	21.80	ng/ul#	79

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	119233	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	522818	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	398355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1032858	20.00	ng/ul	0.00
75) Chrysene-d12	21.84	240	1132749	20.00	ng/ul	-0.02
83) Perylene-d12	25.22	264	1153177	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	20434	9.58	ng/uL	0.00
5) Phenol-d5	7.30	99	239858	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	141026	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	151995	18.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	175617	18.03	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	78087	18.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	80500	16.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	193949	18.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	219028	24.60	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	656060	20.27	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	770383	20.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	98972	19.48	ng/ul	0.00
57) Fluorene-d10	15.79	176	630305	20.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	108192	16.29	ng/ul	0.00
70) Anthracene-d10	17.65	188	965643	20.11	ng/ul	0.00
76) Pyrene-d10	19.93	212	1117678	20.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	1089745	19.89	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.58	88	24378	9.75 ng/uL#	85
4) Benzaldehyde	7.29	77	170380	21.37 ng/ul	84
6) Phenol	7.33	94	244183	19.01 ng/ul#	60
8) Bis(2-Chloroethyl)ether	7.57	93	173515	19.75 ng/ul	88
10) 2-Chlorophenol	7.72	128	159525	18.72 ng/ul#	81
11) 2-Methylphenol	8.60	108	178533	18.50 ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.69	45	195345	19.78 ng/ul	94
14) Acetophenone	8.98	105	299685m	19.05 ng/ul	88
15) N-Nitroso-di-n-propylamine	8.96	70	173292	18.33 ng/ul#	88
16) 4-Methylphenol	8.92	108	199250	18.57 ng/ul	93
17) Hexachloroethane	9.25	117	76310	21.03 ng/ul#	72
20) Nitrobenzene	9.37	77	255638	19.94 ng/ul#	81
21) Isophorone	9.89	82	454132	19.86 ng/ul#	88
23) 2-Nitrophenol	10.09	139	91333	17.11 ng/ul#	49
24) 2,4-Dimethylphenol	10.14	107	241139	18.88 ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.38	93	257380	19.07 ng/ul#	89
27) 2,4-Dichlorophenol	10.62	162	197540	18.69 ng/ul	98
28) Naphthalene	11.03	128	531222	19.87 ng/ul	98
30) 4-Chloroaniline	11.14	127	221086	24.31 ng/ul	96
31) Hexachlorobutadiene	11.32	225	163358	20.06 ng/ul	96
32) Caprolactam	11.89	113	66564m	18.87 ng/ul	79
33) 4-Chloro-3-methylphenol	12.26	107	256481	19.18 ng/ul#	92
34) 2-Methylnaphthalene	12.63	142	438165	19.81 ng/ul	92

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