Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005982.D
Acq On : 25 Jun 2016 01:01
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 01:45:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02057

Manual Integratio
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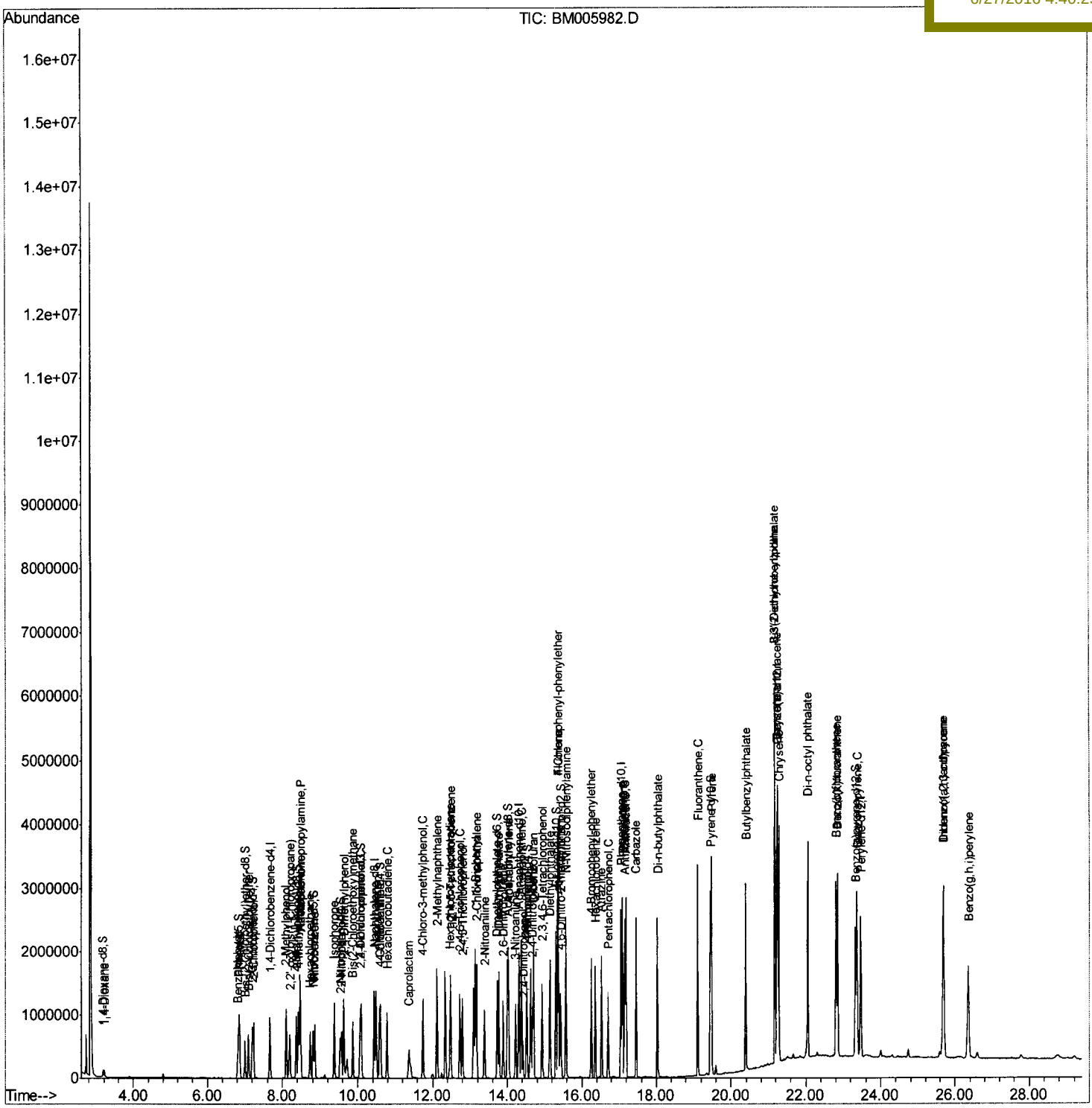

Quantitation Report (Qedit)

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Acq On : 25 Jun 2016 01:01
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Misc :
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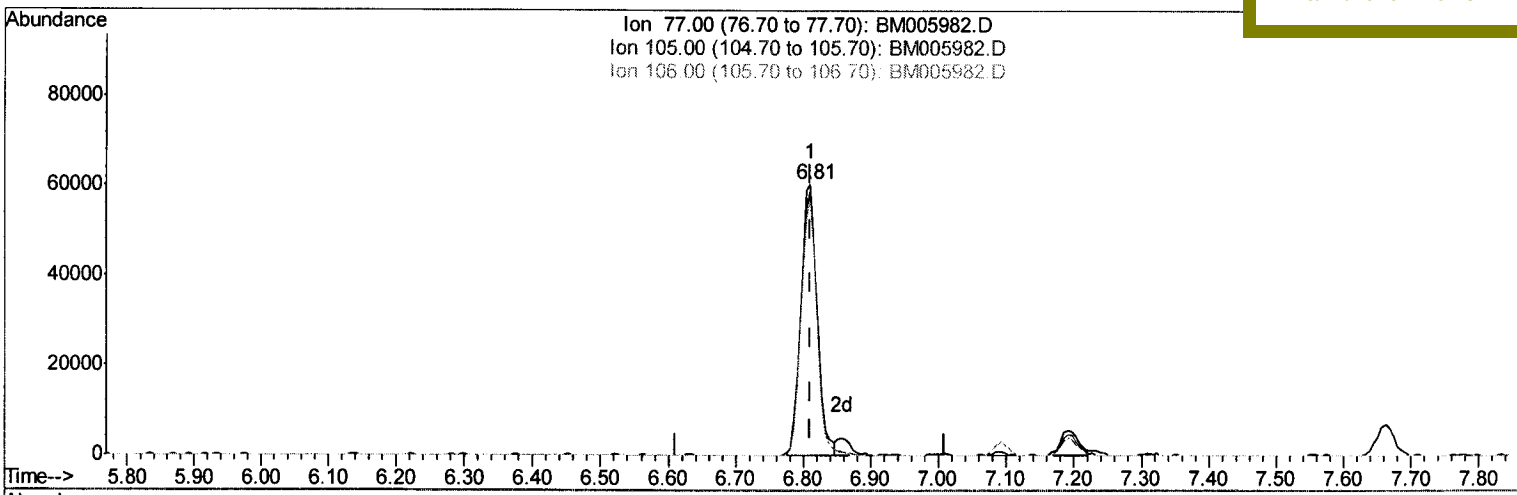

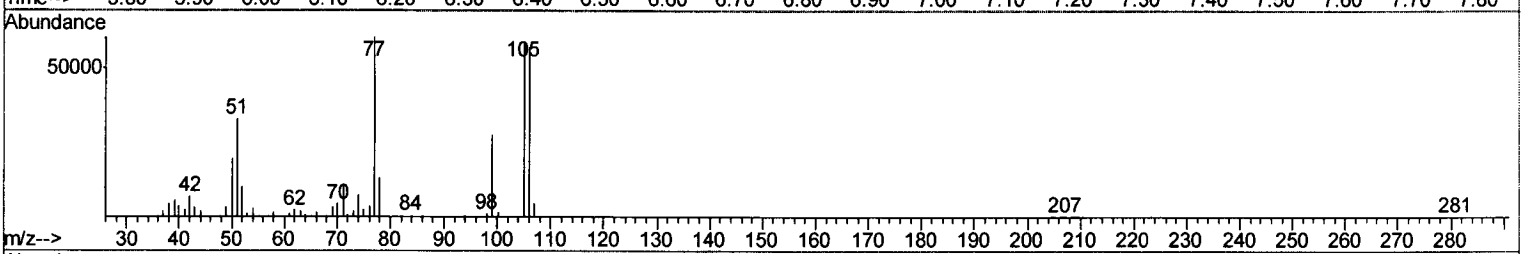

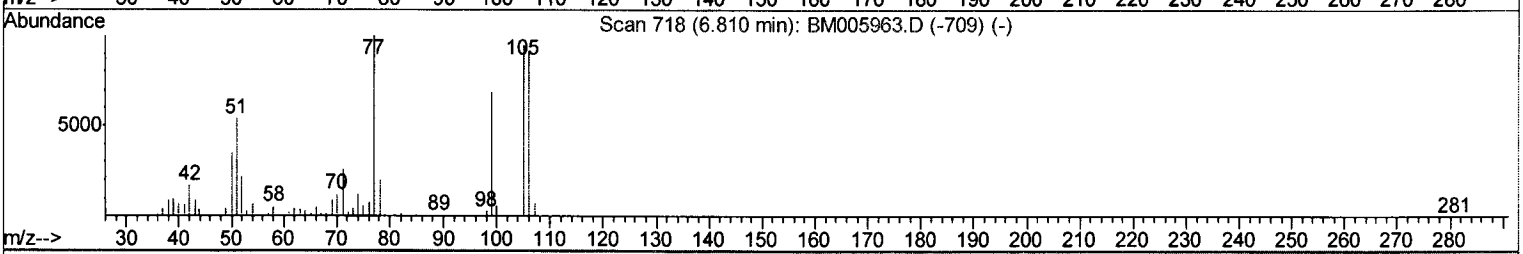

TIC: BM005982.D

(4) Benzaldehyde

6.810min (-0.000) 25.59ng/ul

response 101805

Ion	Exp%	Act%
77.00	100	100
105.00	90.10	97.89
106.00	90.30	94.67
0.00	0.00	0.00

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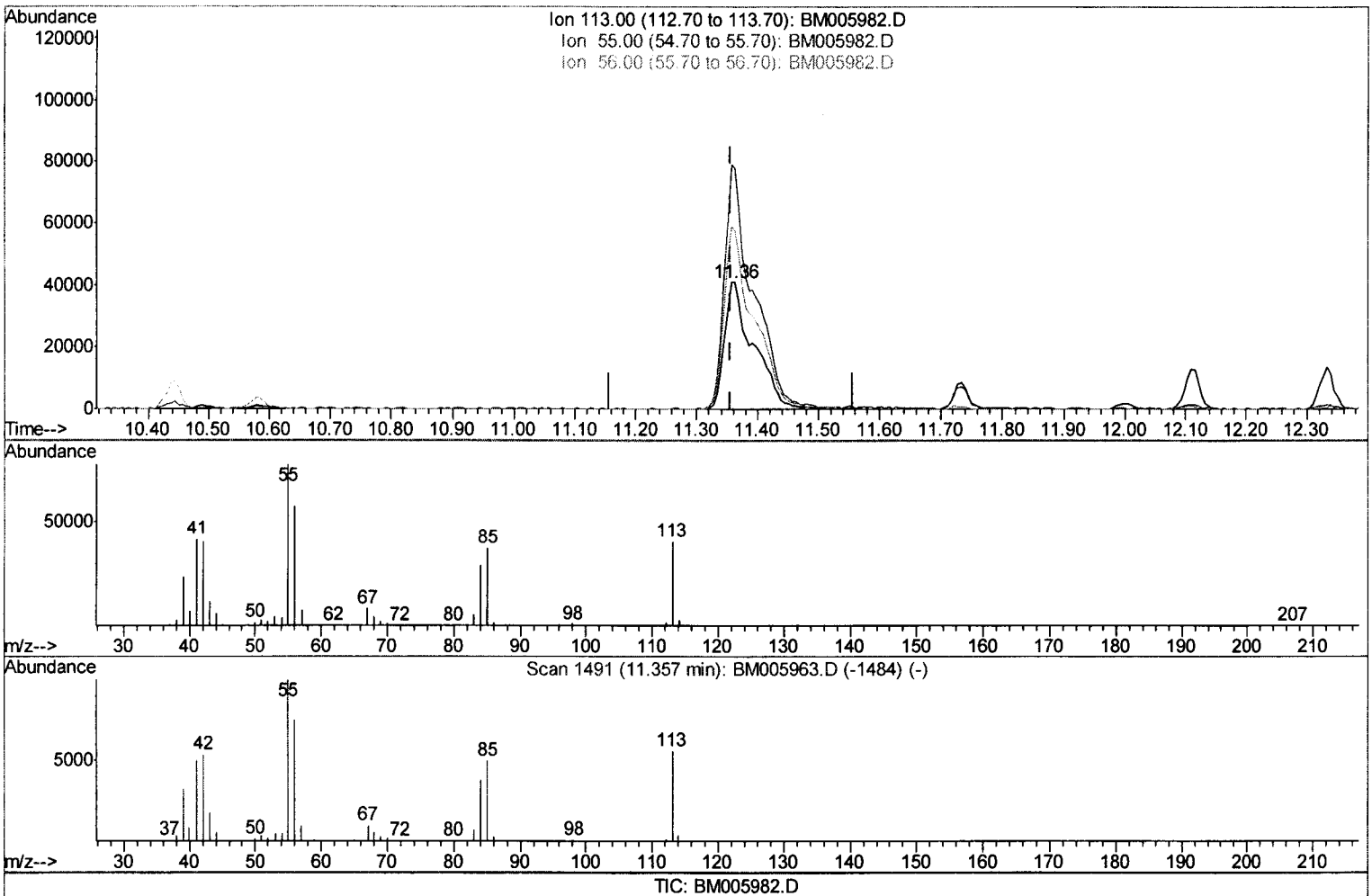

TIC: BM005982.D

(32) Caprolactam

11.363min (+0.006) 22.53ng/ul m U.M 06/28/16

response 136424

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	190.14
56.00	143.50	141.02
0.00	0.00	0.00

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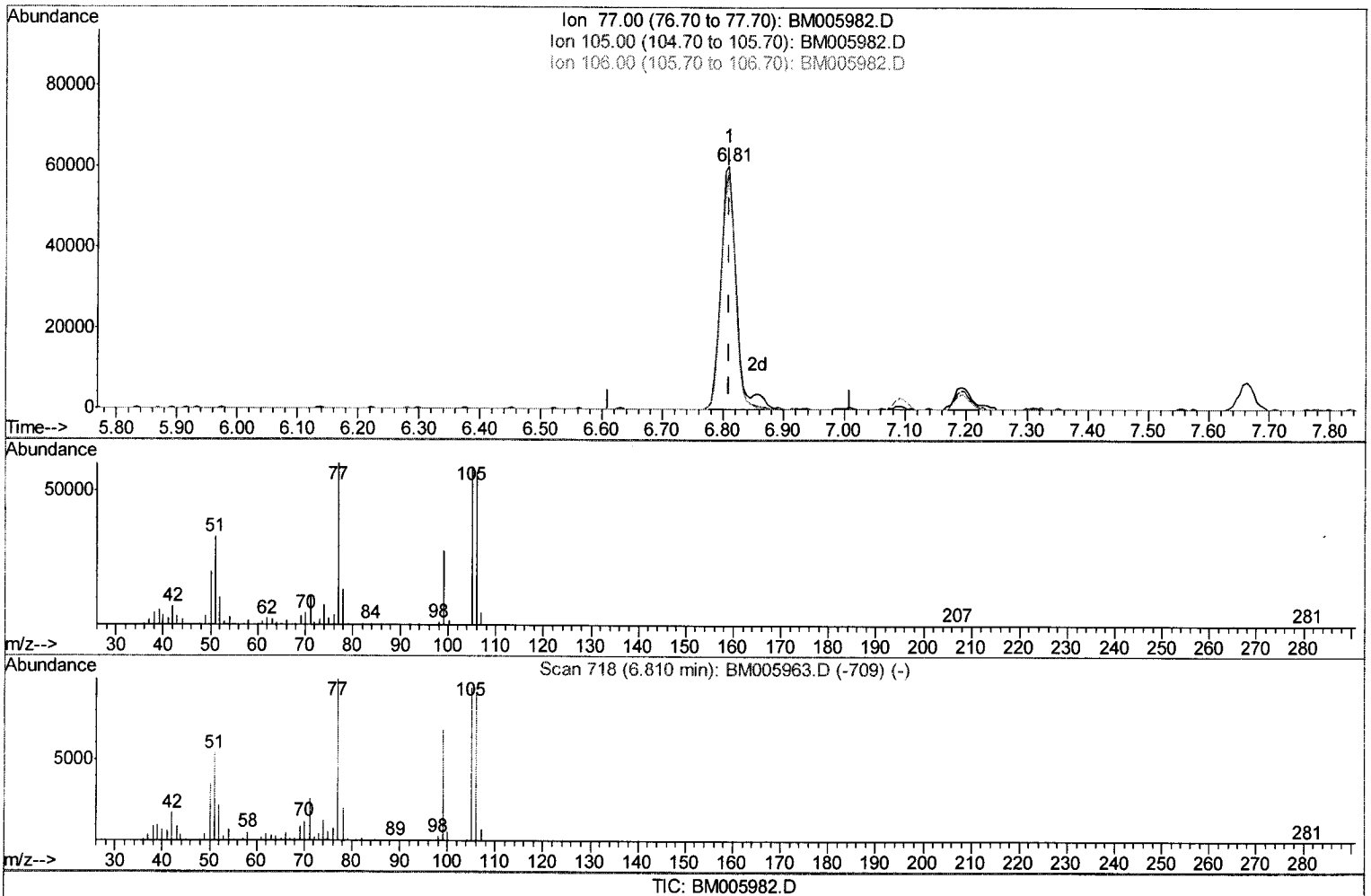

TIC: BM005982.D

(4) Benzaldehyde

6.810min (-0.000) 27.03ng/ul m U.M 06/28/16

response 107551

Ion	Exp%	Act%
77.00	100	100
105.00	90.10	97.89
106.00	90.30	94.67
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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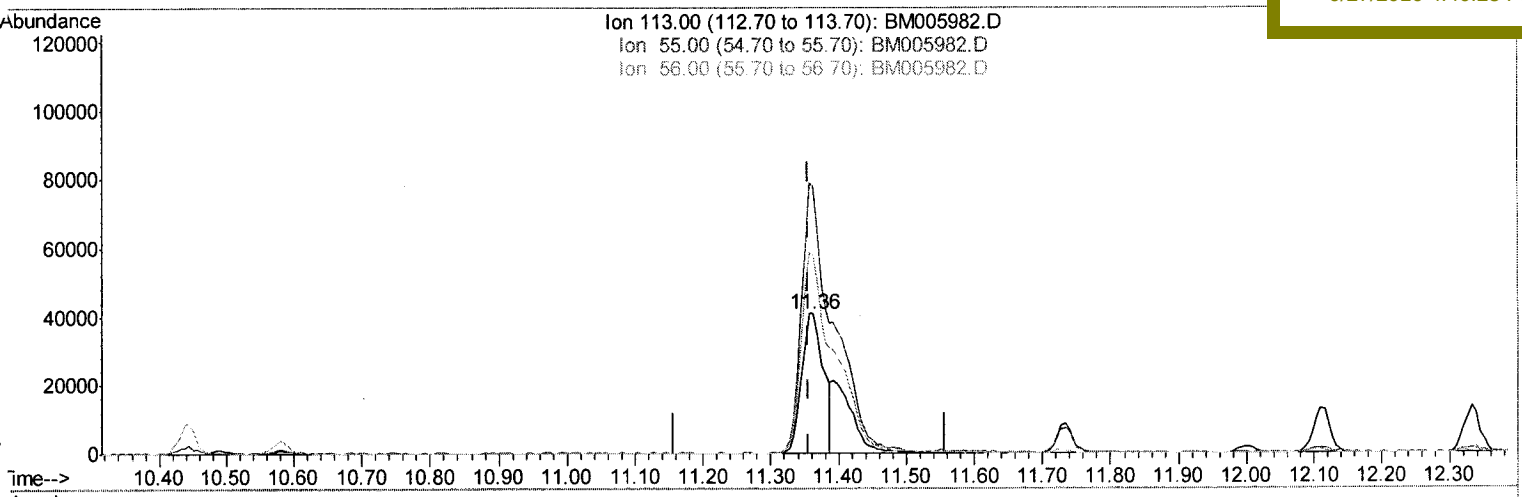

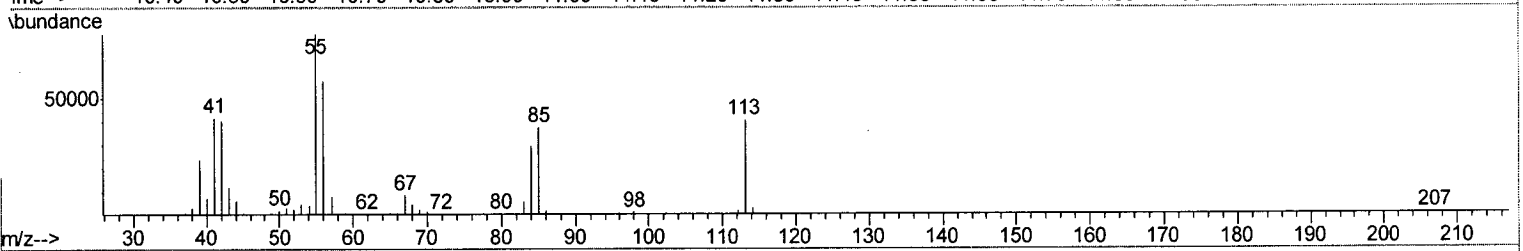

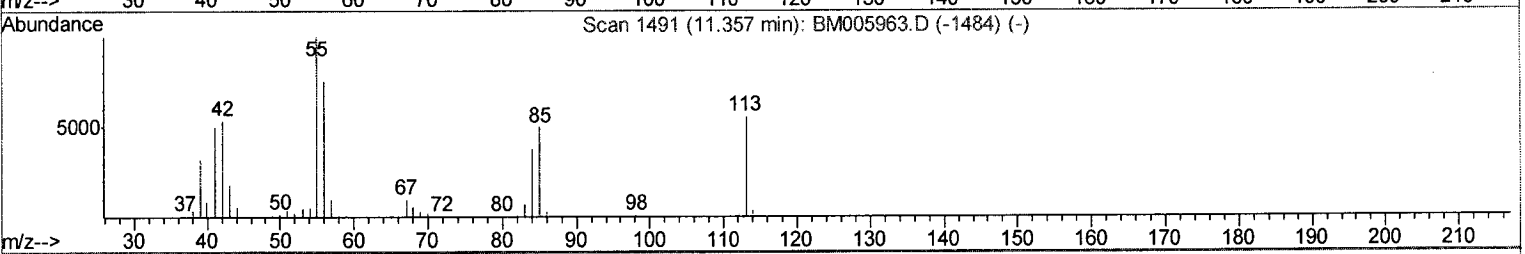

TIC: BM005982.D

(32) Caprolactam

11.363min (+0.006) 15.08ng/ul

response 91306

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	190.14
56.00	143.50	141.02
0.00	0.00	0.00

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Manual Integratio
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	239335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1098440	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	651565	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1506736	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	1596122	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	1634246	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	46657	7.76	ng/uL	0.00
5) Phenol-d5	6.83	99	449325	21.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	267906	21.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	339523	20.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	357667	22.15	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	169421	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	181374	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	352559	21.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	439934	24.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1044049	20.17	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1325369	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	214628	21.21	ng/ul	0.00
57) Fluorene-d10	15.30	176	910810	20.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	155947	20.78	ng/ul	0.00
70) Anthracene-d10	17.16	188	1407382	20.50	ng/ul	0.00
76) Pyrene-d10	19.45	212	1564107	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	1536699	20.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	47963	7.37	ng/uL	87
4) Benzaldehyde	6.81	77	107551m	27.03	ng/ul	
6) Phenol	6.86	94	490581	21.88	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.09	93	354160	21.50	ng/ul	99
10) 2-Chlorophenol	7.23	128	353645	20.85	ng/ul	100
11) 2-Methylphenol	8.10	108	358568	22.03	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	522551	21.67	ng/ul	99
14) Acetophenone	8.48	105	568800	22.90	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	301821	22.02	ng/ul	99
16) 4-Methylphenol	8.43	108	391349	22.21	ng/ul	95
17) Hexachloroethane	8.73	117	142537	20.78	ng/ul	97
20) Nitrobenzene	8.86	77	428638	20.19	ng/ul	99
21) Isophorone	9.37	82	830869	21.30	ng/ul	99
23) 2-Nitrophenol	9.56	139	201747	21.25	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	435188	21.03	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	503450	20.73	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	353515	21.54	ng/ul	100
28) Naphthalene	10.49	128	1119231	20.43	ng/ul	99
30) 4-Chloroaniline	10.60	127	467454	24.49	ng/ul	97
31) Hexachlorobutadiene	10.78	225	211352	20.94	ng/ul	99
32) Caprolactam	11.36	113	136424m	22.53	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	418963	21.90	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	839884	20.93	ng/ul	100

U.M 06/28/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	428566	20.71	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	237775	19.88	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	300996	21.43	ng/ul	96
39) 2,4,5-Trichlorophenol	12.80	196	312926	21.33	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	1078013	20.14	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	833389	20.19	ng/ul	98
42) 2-Nitroaniline	13.39	65	302965	21.90	ng/ul	98
44) Dimethylphthalate	13.77	163	1048642	20.07	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	220263	21.54	ng/ul	96
47) Acenaphthylene	14.03	152	1396766	20.34	ng/ul	99
48) 3-Nitroaniline	14.22	138	250096	24.40	ng/ul	96
49) Acenaphthene	14.37	153	884693	20.36	ng/ul	98
50) 2,4-Dinitrophenol	14.42	184	106887	19.10	ng/ul	94
52) 4-Nitrophenol	14.53	109	203723	21.04	ng/ul	98
53) Dibenzofuran	14.71	168	1272616	20.29	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	315858	20.98	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.94	232	285146	21.88	ng/ul	95
56) Diethylphthalate	15.14	149	1082443	20.03	ng/ul	100
58) Fluorene	15.36	166	1000633	20.47	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	487789	20.80	ng/ul	95
60) 4-Nitroaniline	15.38	138	274412	21.58	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	173805	21.18	ng/ul	97
64) N-Nitrosodiphenylamine	15.57	169	891479	20.46	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	320694	20.83	ng/ul	97
66) Hexachlorobenzene	16.36	284	359427	21.06	ng/ul	94
67) Atrazine	16.53	200	329672	21.47	ng/ul	97
68) Pentachlorophenol	16.71	266	229426	22.31	ng/ul	99
69) Phenanthrene	17.10	178	1659875	20.29	ng/ul	99
71) Anthracene	17.19	178	1717634	20.56	ng/ul	99
72) Carbazole	17.46	167	1557621	21.68	ng/ul	98
73) Di-n-butylphthalate	18.03	149	1885849	20.32	ng/ul	100
74) Fluoranthene	19.12	202	1994589	22.23	ng/ul	99
77) Pyrene	19.48	202	2067833	21.19	ng/ul	99
78) Butylbenzylphthalate	20.40	149	919032	22.55	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.17	252	704089	26.46	ng/ul	100
80) Benzo(a)anthracene	21.23	228	1974011	20.84	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.17	149	1225417	21.44	ng/ul	100
82) Chrysene	21.29	228	1782503	20.40	ng/ul	99
84) Di-n-octyl phthalate	22.05	149	2230576	22.84	ng/ul	99
85) Benzo(b)fluoranthene	22.80	252	1958403	19.73	ng/ul	99
86) Benzo(k)fluoranthene	22.84	252	1939257	21.46	ng/ul	100
88) Benzo(a)pyrene	23.37	252	1909343	20.71	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.68	276	2104759	20.46	ng/ul	99
90) Dibenzo(a,h)anthracene	25.70	278	1752016	20.63	ng/ul	99
91) Benzo(g,h,i)perylene	26.36	276	1801673	20.31	ng/ul	98

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