Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005991.D
Acq On : 25 Jun 2016 06:25
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 03:25:26 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 :
SSTD02058

Manual Integratio
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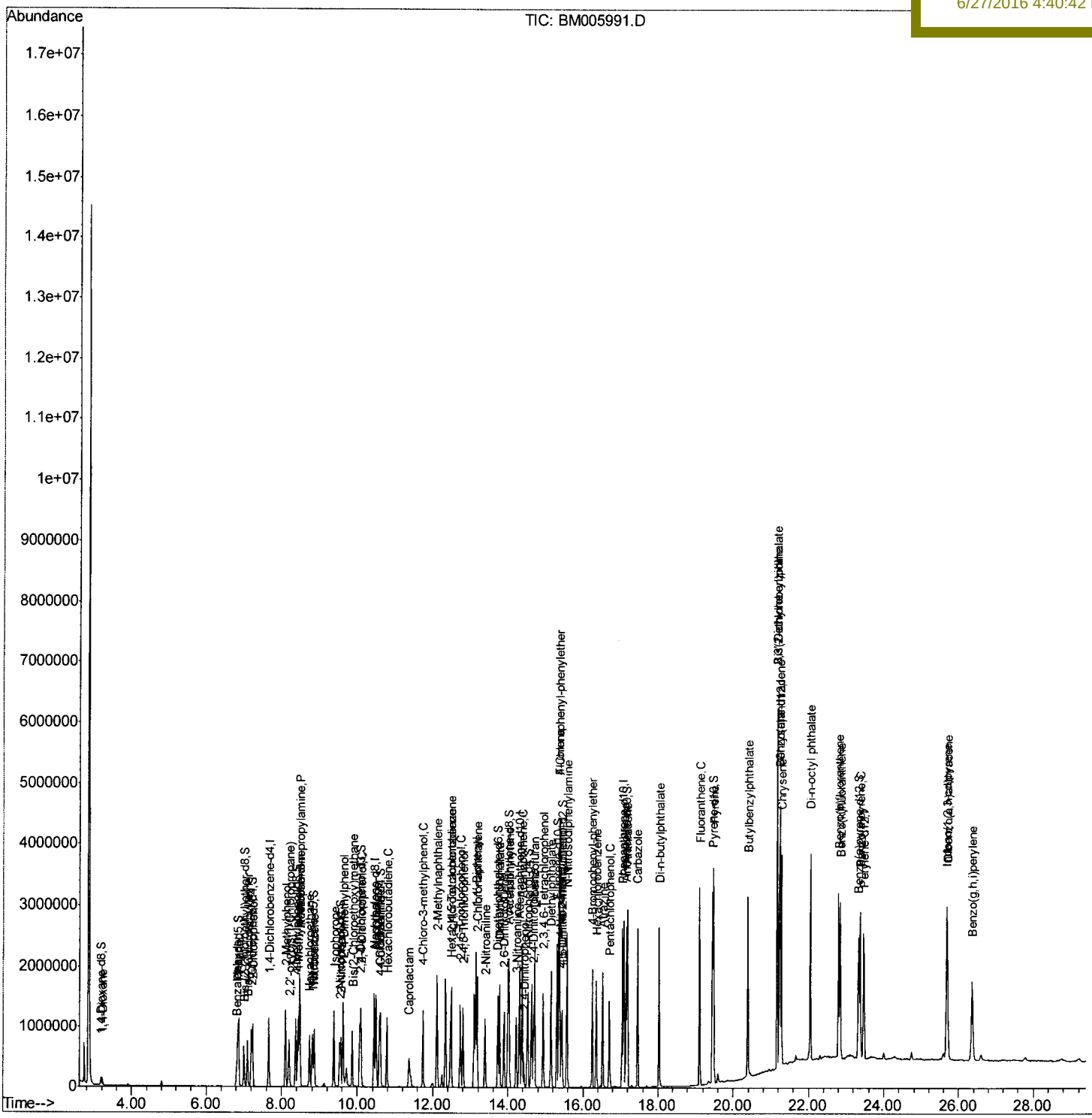

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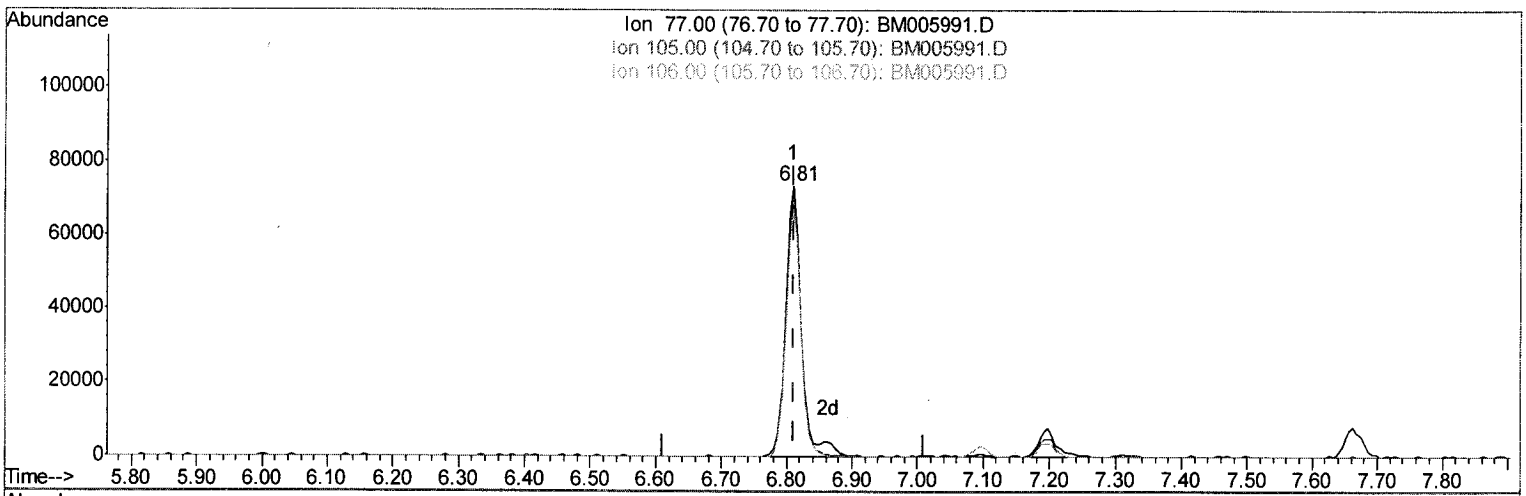

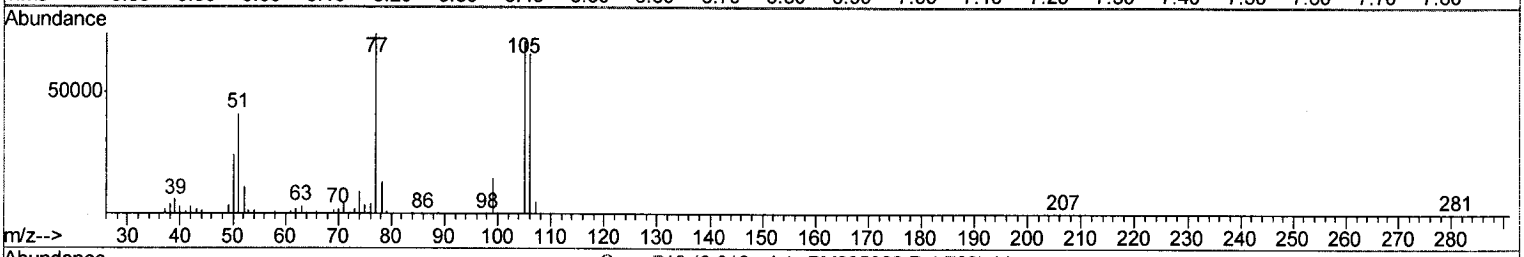

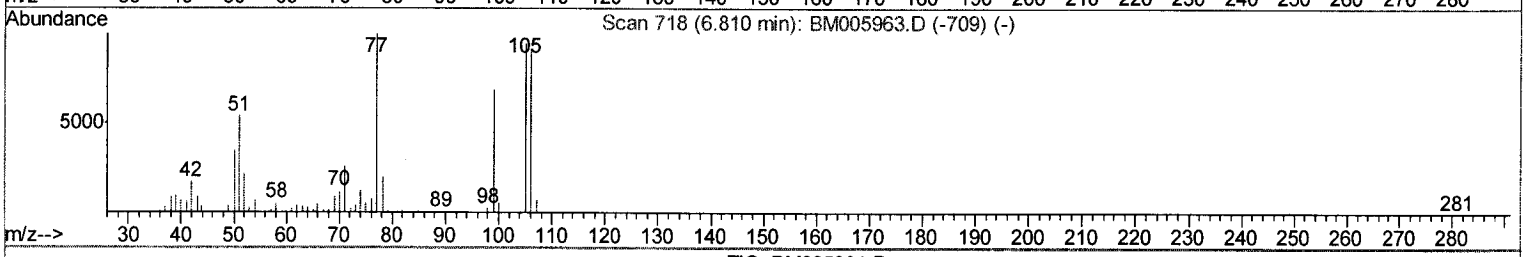

TIC: BM005991.D

(4) Benzaldehyde

6.810min (-0.000) 26.13ng/ul m U.M 06/28/16

response 124876

Ion	Exp%	Act%
77.00	100	100
105.00	90.10	95.91
106.00	90.30	89.35
0.00	0.00	0.00

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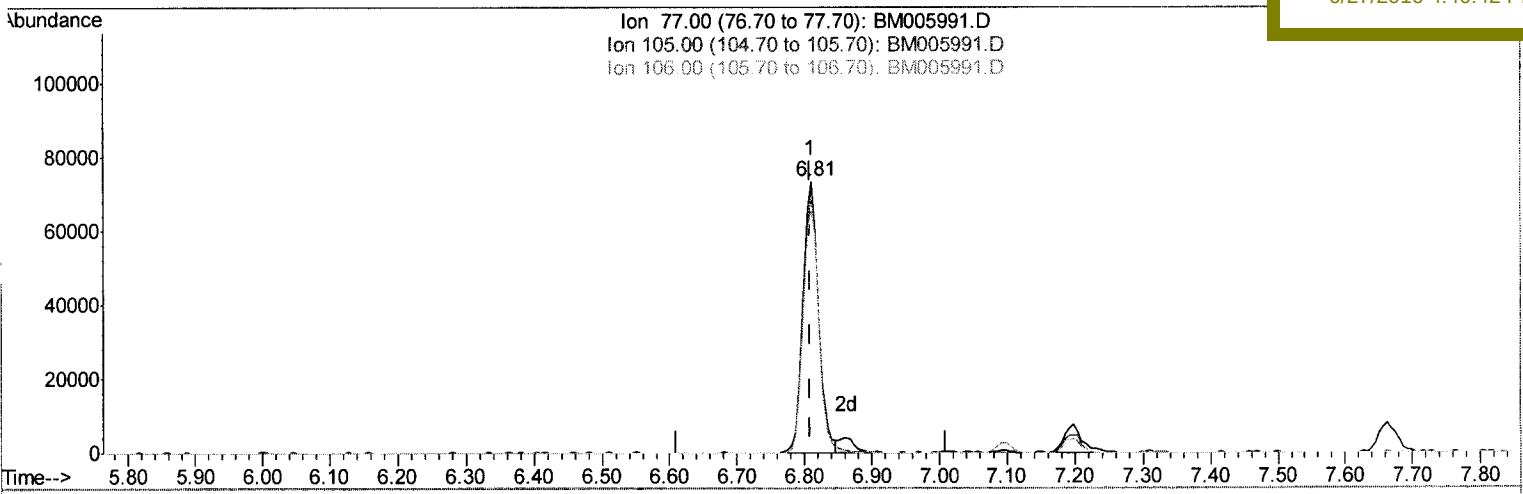

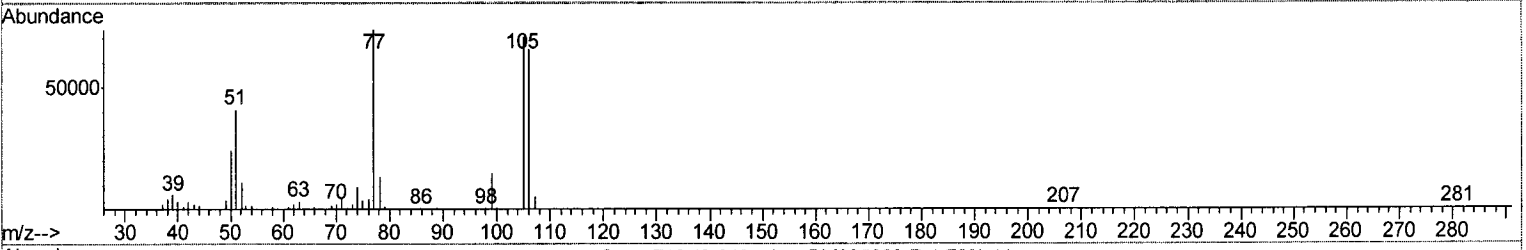

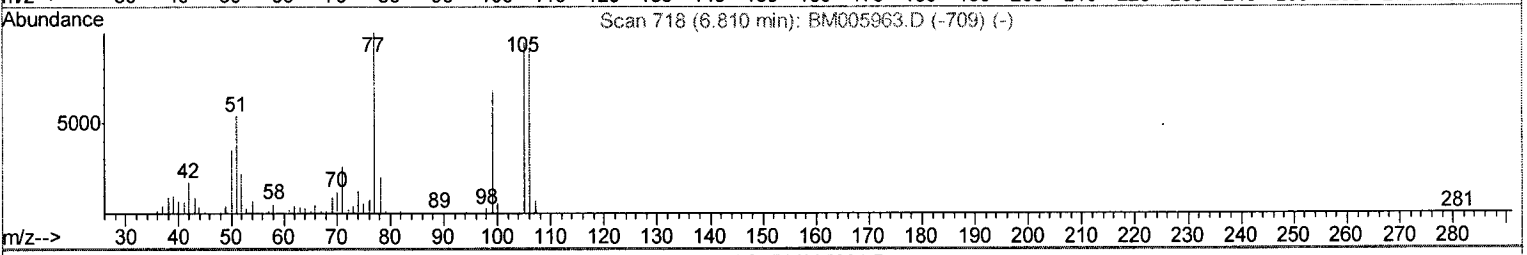

TIC: BM005991.D

(4) Benzaldehyde

6.810min (-0.000) 24.66ng/ul

response 117833

Ion	Exp%	Act%
77.00	100	100
105.00	90.10	95.91
106.00	90.30	89.35
0.00	0.00	0.00

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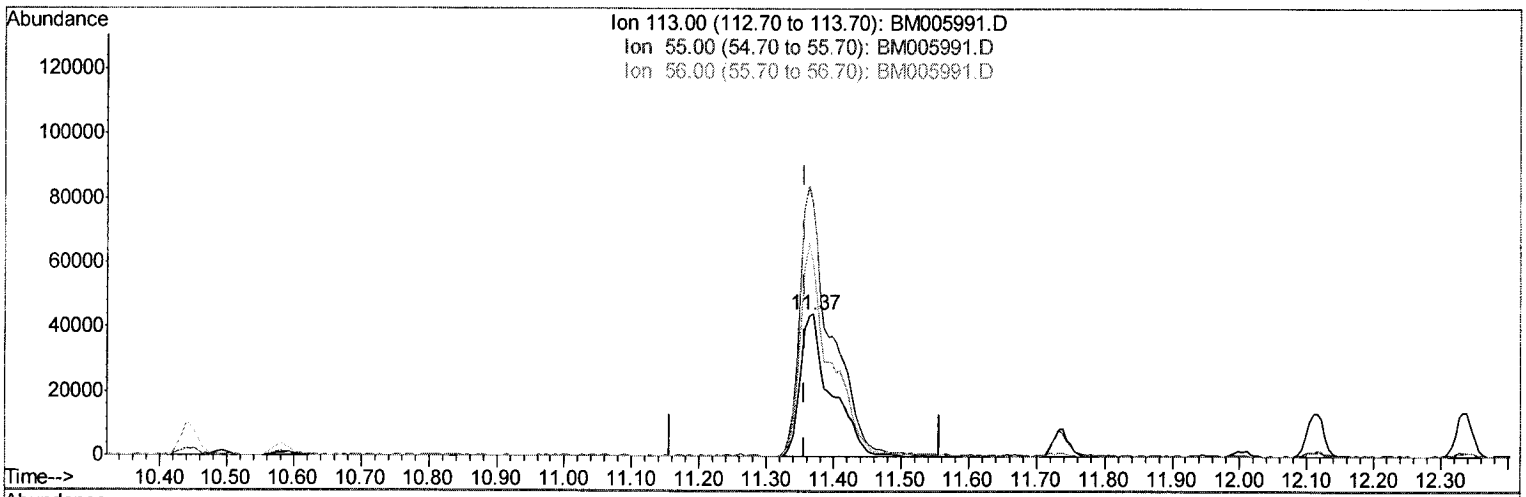

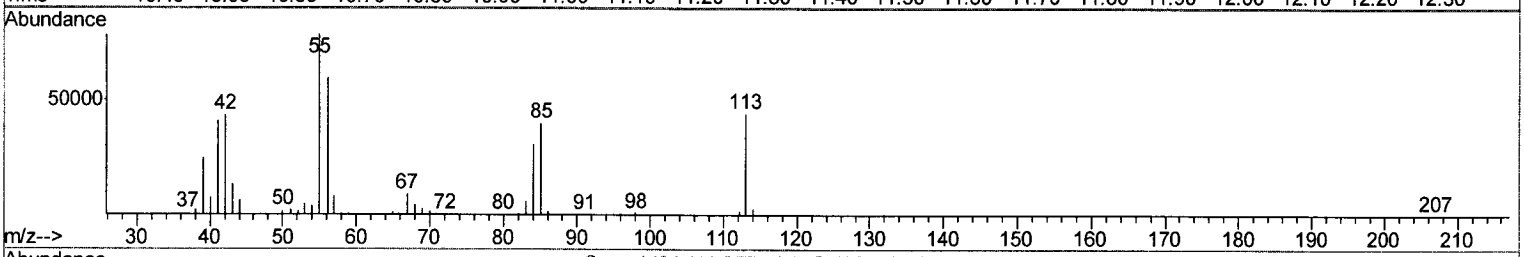

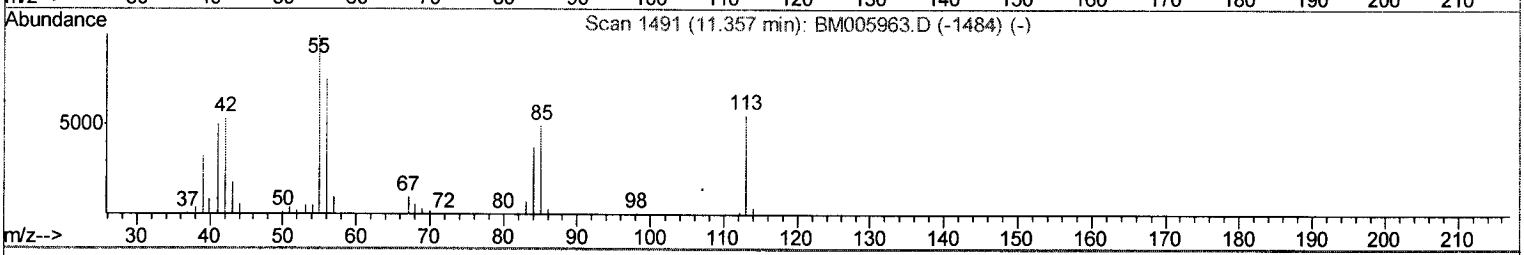

TIC: BM005991.D

(32) Caprolactam

11.369min (+0.012) 20.77ng/ul m U.M 06/28/16

response 142050

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	177.16
56.00	143.50	135.34
0.00	0.00	0.00

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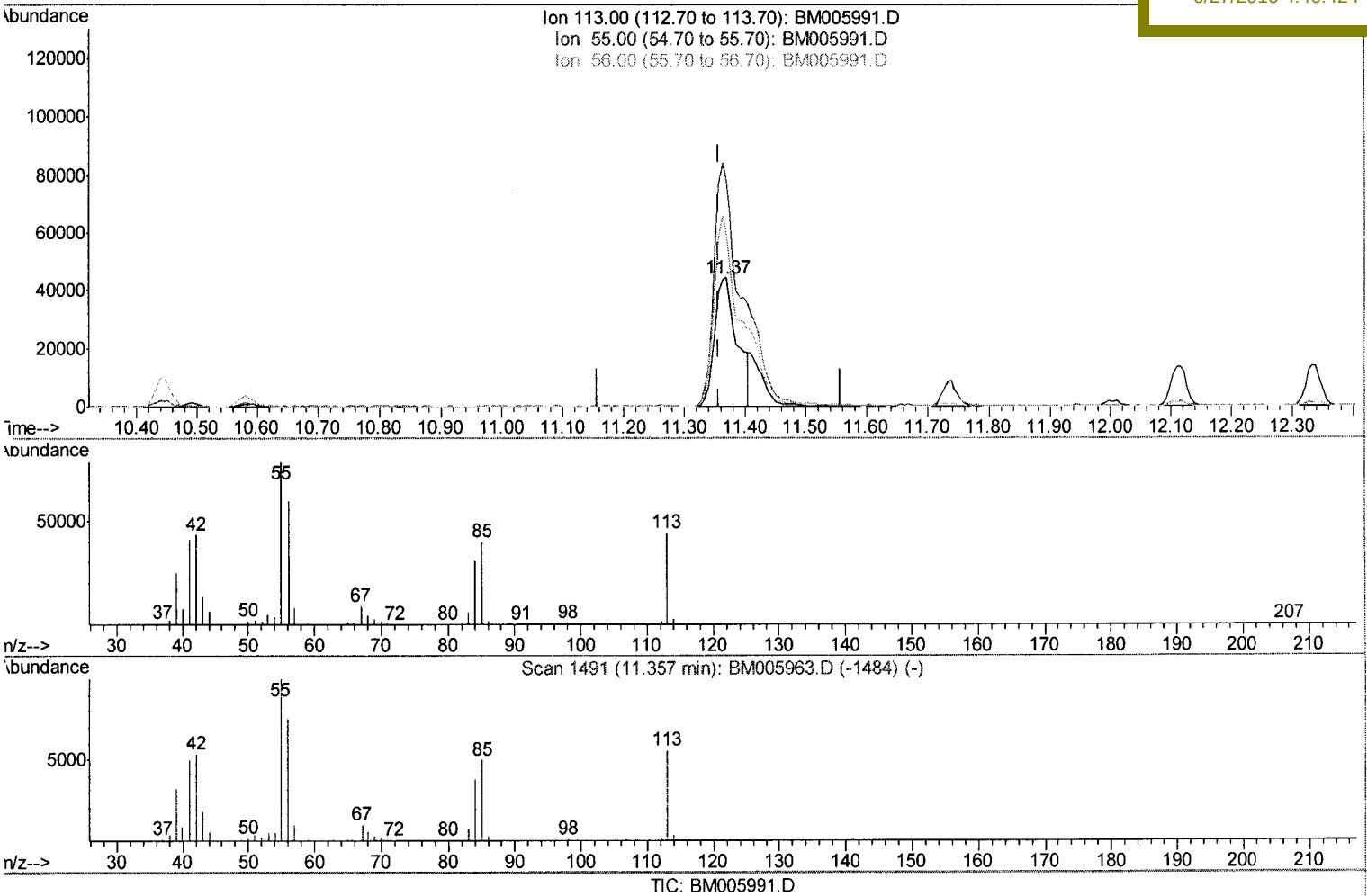

TIC: BM005991.D

(32) Caprolactam

11.369min (+0.012) 16.54ng/ul

response 113145

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	177.16
56.00	143.50	135.34
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	7.66	152	287479	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1240638	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	690136	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1557359	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	1552030	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	1546905	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	52407	7.26	ng/uL	0.00
5) Phenol-d5	6.83	99	519703	20.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	315961	20.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	397871	20.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	408310	21.05	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	193257	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	205839	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	393742	21.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	477977	23.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1091772	19.91	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1422126	20.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	223174	20.82	ng/ul	0.00
57) Fluorene-d10	15.31	176	955731	20.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	159222	20.52	ng/ul	0.00
70) Anthracene-d10	17.16	188	1461331	20.60	ng/ul	0.00
76) Pyrene-d10	19.46	212	1575794	21.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1439014	20.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	59205	7.58	ng/uL	96
4) Benzaldehyde	6.81	77	124876m	26.13	ng/ul	
6) Phenol	6.86	94	569579	21.15	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	407700	20.60	ng/ul	99
10) 2-Chlorophenol	7.23	128	410539	20.15	ng/ul	100
11) 2-Methylphenol	8.10	108	408672	20.91	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	602816	20.81	ng/ul	100
14) Acetophenone	8.48	105	636558	21.34	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	335027	20.35	ng/ul	99
16) 4-Methylphenol	8.43	108	440526	20.82	ng/ul	98
17) Hexachloroethane	8.73	117	168879	20.49	ng/ul	97
20) Nitrobenzene	8.86	77	500308	20.87	ng/ul	99
21) Isophorone	9.38	82	906155	20.57	ng/ul	99
23) 2-Nitrophenol	9.56	139	231455	21.59	ng/ul	99
24) 2,4-Dimethylphenol	9.63	107	482150	20.63	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	554023	20.20	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	391138	21.10	ng/ul	99
28) Naphthalene	10.49	128	1257643	20.32	ng/ul	99
30) 4-Chloroaniline	10.60	127	508700	23.59	ng/ul	97
31) Hexachlorobutadiene	10.78	225	243094	21.33	ng/ul	98
32) Caprolactam	11.37	113	142050m	20.77	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	447379	20.70	ng/ul	96
34) 2-Methylnaphthalene	12.12	142	922398	20.35	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	468022	21.35	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	221464	17.49	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	325650	21.89	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	337206	21.70	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	1159563	20.46	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	904900	20.69	ng/ul	99
42) 2-Nitroaniline	13.39	65	325058	22.19	ng/ul	97
44) Dimethylphthalate	13.77	163	1100996	19.89	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	231460	21.37	ng/ul	99
47) Acenaphthylene	14.03	152	1494630	20.54	ng/ul	98
48) 3-Nitroaniline	14.22	138	265526	24.46	ng/ul	96
49) Acenaphthene	14.37	153	944770	20.53	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	107501	18.13	ng/ul	95
52) 4-Nitrophenol	14.53	109	214006	20.87	ng/ul	97
53) Dibenzofuran	14.71	168	1346570	20.27	ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	332119	20.83	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.94	232	297853	21.57	ng/ul	99
56) Diethylphthalate	15.14	149	1131701	19.78	ng/ul	99
58) Fluorene	15.36	166	1054682	20.37	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	509900	20.53	ng/ul	95
60) 4-Nitroaniline	15.39	138	287537	21.34	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.44	198	173070	20.40	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	941102	20.89	ng/ul	100
65) 4-Bromophenyl-phenylether	16.26	248	341329	21.45	ng/ul	97
66) Hexachlorobenzene	16.37	284	379088	21.49	ng/ul#	90
67) Atrazine	16.53	200	338955	21.35	ng/ul	97
68) Pentachlorophenol	16.71	266	238968	22.49	ng/ul	97
69) Phenanthrene	17.10	178	1717991	20.32	ng/ul	100
71) Anthracene	17.19	178	1785270	20.67	ng/ul	100
72) Carbazole	17.46	167	1600874	21.55	ng/ul	99
73) Di-n-butylphthalate	18.03	149	1940770	20.23	ng/ul	100
74) Fluoranthene	19.12	202	2018069	21.77	ng/ul	98
77) Pyrene	19.49	202	2088037	22.00	ng/ul	98
78) Butylbenzylphthalate	20.40	149	908782	22.93	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.17	252	705726	27.27	ng/ul	99
80) Benzo(a)anthracene	21.23	228	1893974	20.57	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.17	149	1208215	21.74	ng/ul	100
82) Chrysene	21.29	228	1727545	20.33	ng/ul	99
84) Di-n-octyl phthalate	22.05	149	2190596	23.69	ng/ul	98
85) Benzo(b)fluoranthene	22.80	252	1894643	20.17	ng/ul	100
86) Benzo(k)fluoranthene	22.85	252	1765098	20.63	ng/ul	99
88) Benzo(a)pyrene	23.37	252	1782111	20.42	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.69	276	2010223	20.65	ng/ul	99
90) Dibenzo(a,h)anthracene	25.70	278	1672950	20.81	ng/ul	99
91) Benzo(g,h,i)perylene	26.37	276	1722723	20.52	ng/ul	98

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