Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062216\
Data File : BM005911.D
Acq On : 22 Jun 2016 18:22
Operator : UM/SJ
Sample : SSTD04043
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 23 01:31:06 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 23 01:14:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04046

Manual Integrations APPROVED
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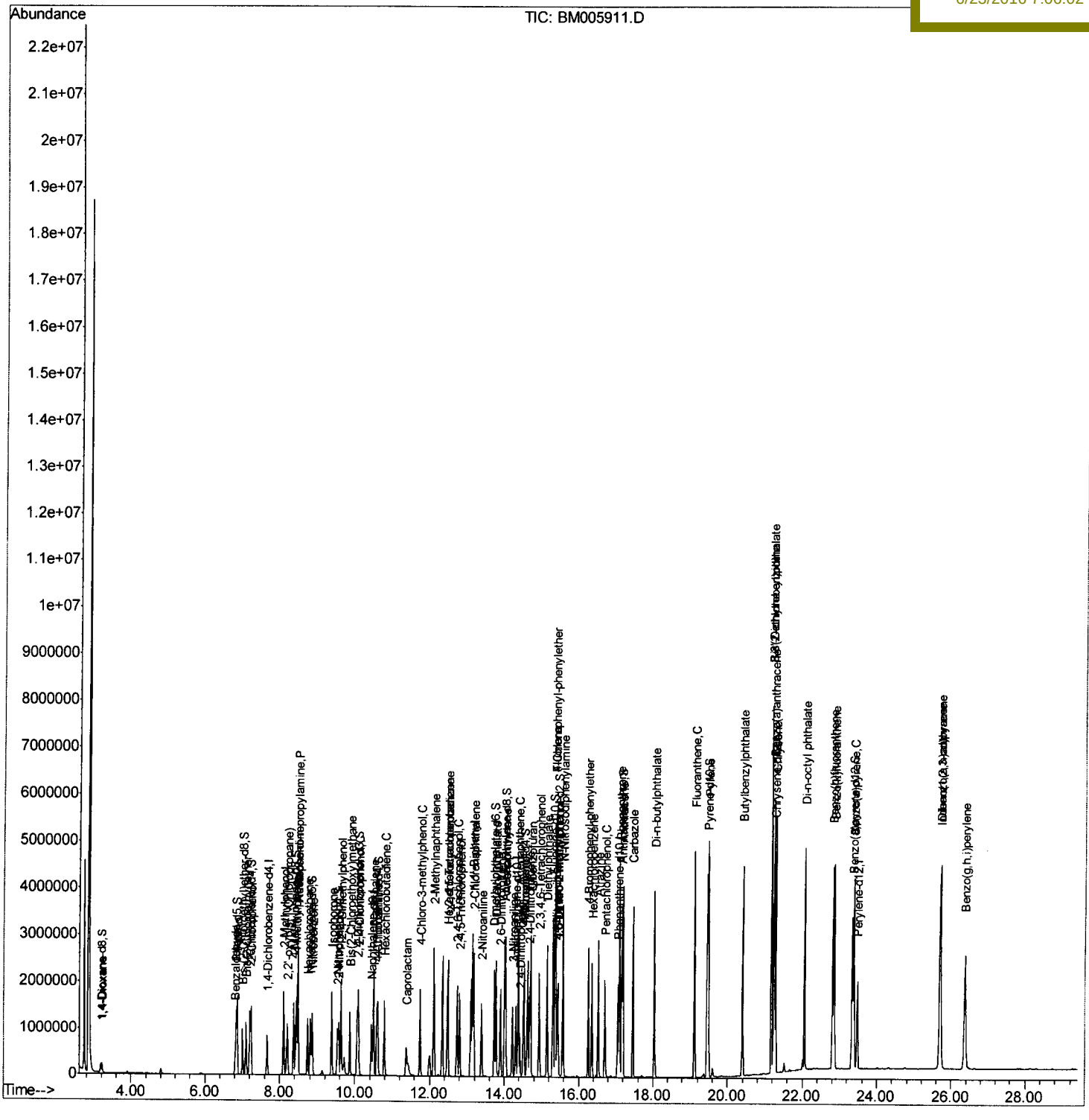

Quantitation Report (Qedit)

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Data File : BM005911.D
Acq On : 22 Jun 2016 18:22
Operator : UM/SJ
Sample : SSTD04043
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 23 01:18:32 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 23 01:14:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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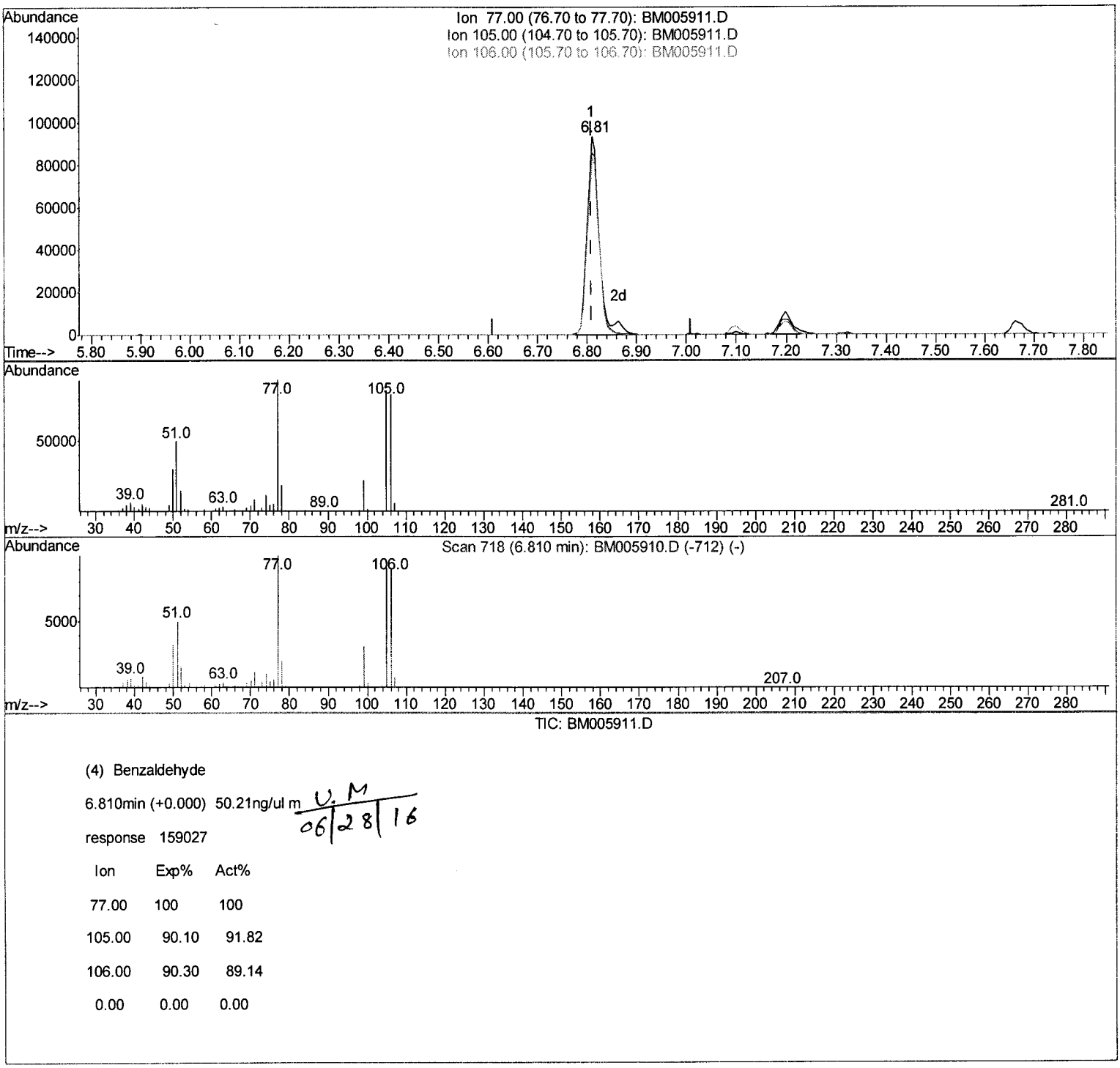

TIC: BM005911.D

(4) Benzaldehyde

6.810min (+0.000) 50.21ng/ul m U. M 06/28/16

response 159027

Ion	Exp%	Act%
77.00	100	100
105.00	90.10	91.82
106.00	90.30	89.14
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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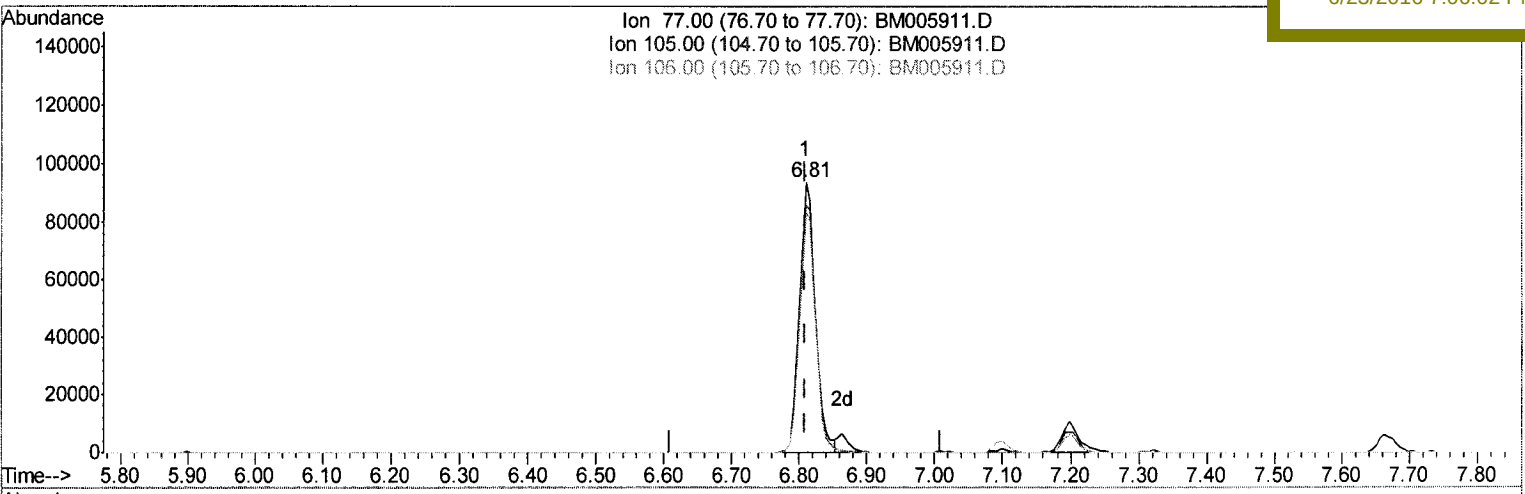

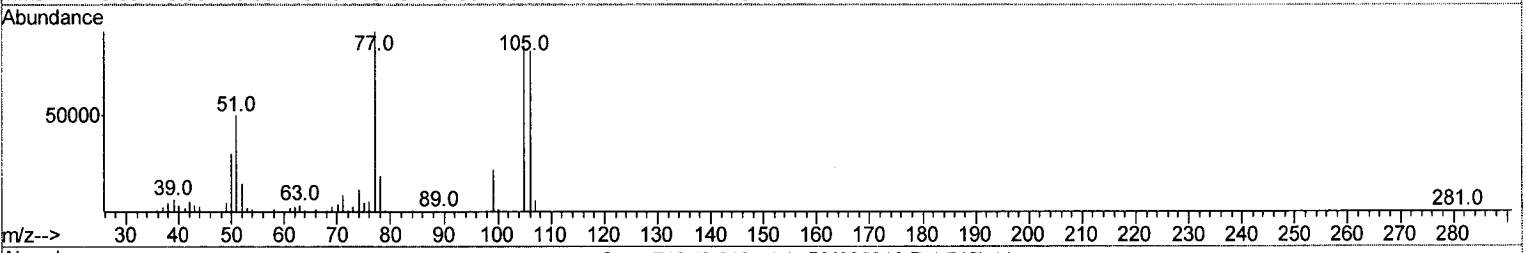

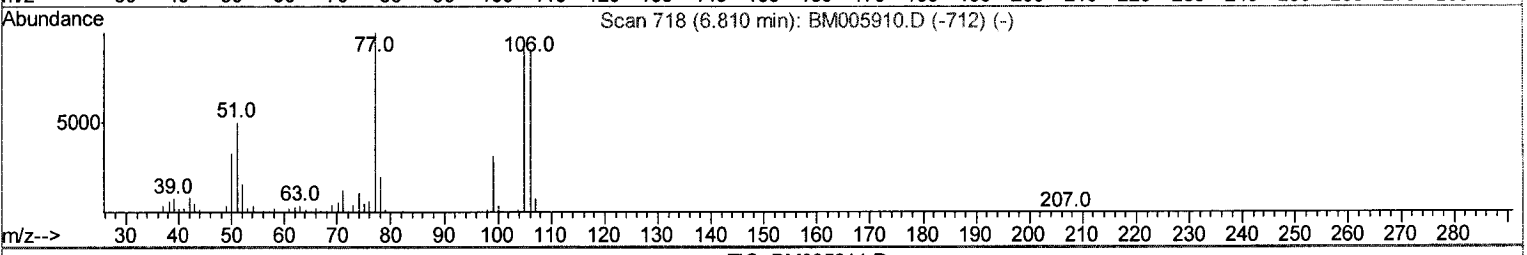

TIC: BM005911.D

(4) Benzaldehyde

6.810min (+0.000) 47.80ng/ul

response 151378

Ion	Exp%	Act%
77.00	100	100
105.00	90.10	91.82
106.00	90.30	89.14
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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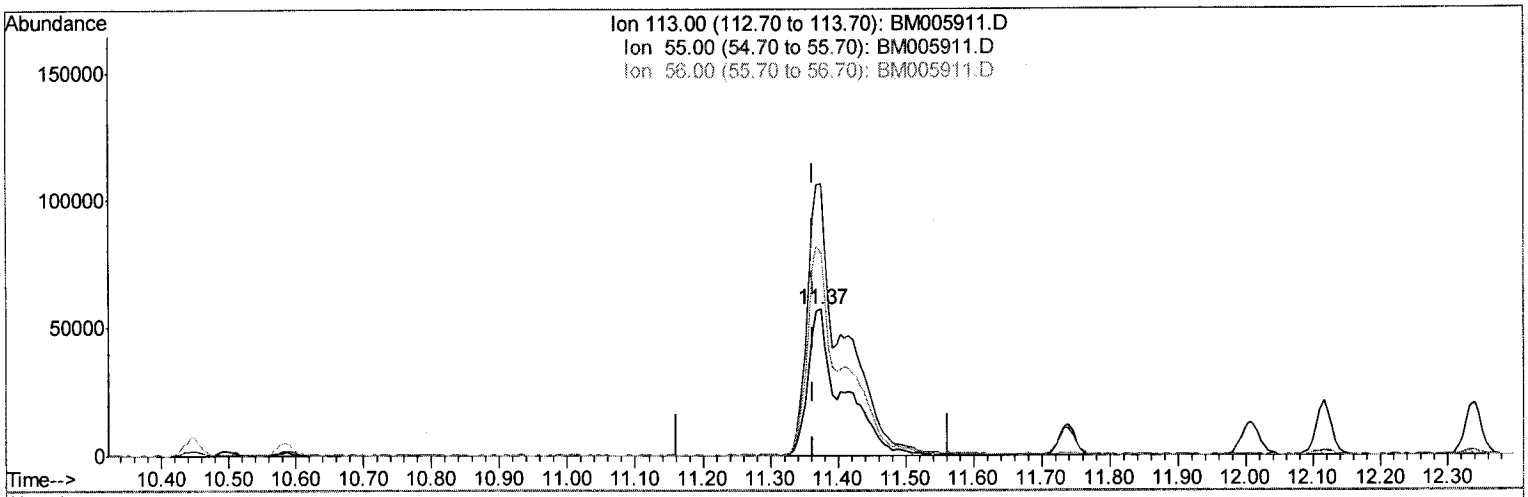

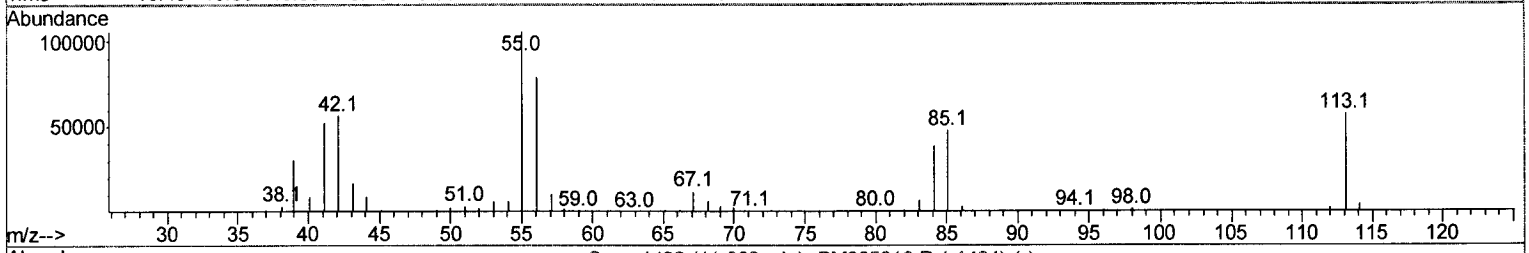

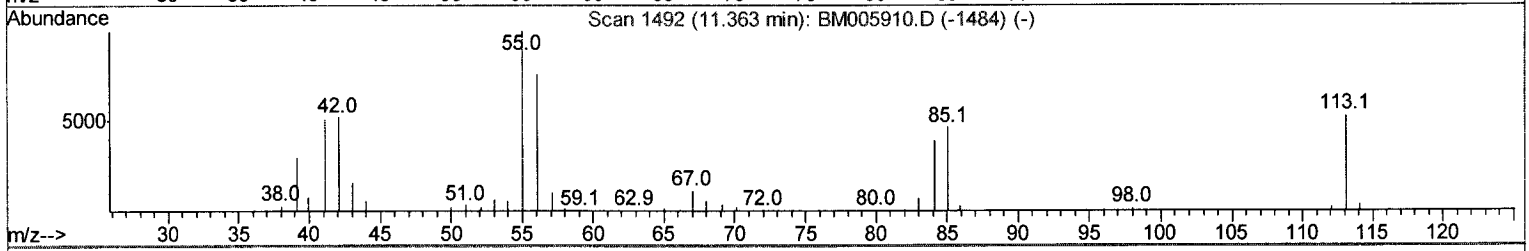

TIC: BM005911.D

(32) Caprolactam

11.375min (+0.012) 31.33ng/ul m U.M 06/28/16

response 204154

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	185.01
56.00	143.50	138.17
0.00	0.00	0.00

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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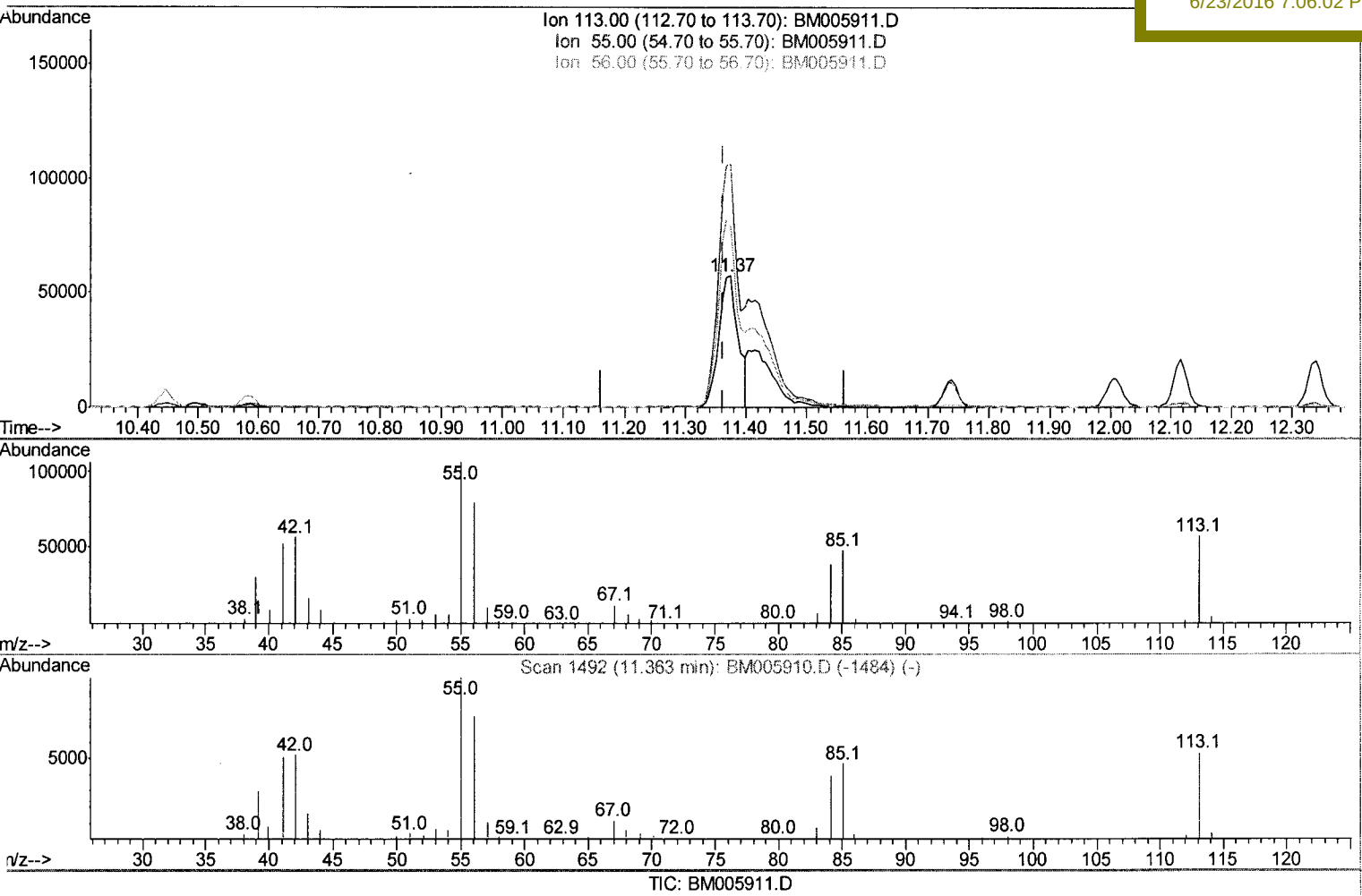

TIC: BM005911.D

(32) Caprolactam

11.375min (+0.012) 19.24ng/ul

response 125335

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	185.01
56.00	143.50	138.17
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	219642	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	933860	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	517268	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1192187	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1295089	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	1386264	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	85917	15.62	ng/uL	0.00
5) Phenol-d5	6.83	99	757611	32.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	461409	34.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	585755	34.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	584653	30.53	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	278068	41.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	291736	42.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	547082	35.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	633756	41.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1581051	33.55	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1992562	35.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	329872	39.53	ng/ul	0.00
57) Fluorene-d10	15.31	176	1349232	34.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	249158	48.32	ng/ul	0.00
70) Anthracene-d10	17.16	188	2083275	35.69	ng/ul	0.00
76) Pyrene-d10	19.46	212	2320657	34.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	2453879	35.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	93660	10.57	ng/uL	96
4) Benzaldehyde	6.81	77	159027m	50.21	ng/ul	
6) Phenol	6.86	94	826160	34.92	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.10	93	604718	34.07	ng/ul	99
10) 2-Chlorophenol	7.23	128	601820	34.19	ng/ul	97
11) 2-Methylphenol	8.10	108	593110	32.33	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	874468	33.58	ng/ul	99
14) Acetophenone	8.49	105	902843	31.92	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	472205	29.16	ng/ul	97
16) 4-Methylphenol	8.43	108	644908	31.87	ng/ul	99
17) Hexachloroethane	8.74	117	244917	36.58	ng/ul	98
20) Nitrobenzene	8.86	77	716235	40.48	ng/ul	98
21) Isophorone	9.38	82	1302318	33.10	ng/ul	99
23) 2-Nitrophenol	9.57	139	327772	42.71	ng/ul	100
24) 2,4-Dimethylphenol	9.63	107	691230	35.34	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	799870	34.28	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	551399	35.84	ng/ul	99
28) Naphthalene	10.50	128	1811941	36.29	ng/ul	99
30) 4-Chloroaniline	10.61	127	683953	42.72	ng/ul	98
31) Hexachlorobutadiene	10.79	225	337142	39.39	ng/ul	98
32) Caprolactam	11.37	113	204154m	31.33	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	638885	32.57	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	1314034	34.23	ng/ul	100

U.M 06/28/16

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	643692	39.02	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	395548	45.97	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	440765	38.64	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	464253	37.30	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	1632071	36.62	ng/ul	98
41) 2-Chloronaphthalene	13.18	162	1256220	37.29	ng/ul	99
42) 2-Nitroaniline	13.39	65	455032	43.32	ng/ul	98
44) Dimethylphthalate	13.77	163	1582801	34.24	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	336277	42.05	ng/ul	97
47) Acenaphthylene	14.03	152	2104998	36.59	ng/ul	99
48) 3-Nitroaniline	14.22	138	334107	36.18	ng/ul	95
49) Acenaphthene	14.37	153	1325632	35.16	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	179943	54.36	ng/ul	93
52) 4-Nitrophenol	14.53	109	311529	40.77	ng/ul	99
53) Dibenzofuran	14.72	168	1897193	35.43	ng/ul	100
54) 2,4-Dinitrotoluene	14.68	165	488793	41.42	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.94	232	407535	37.65	ng/ul	98
56) Diethylphthalate	15.15	149	1648861	33.17	ng/ul	100
58) Fluorene	15.37	166	1444935	34.26	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	685011	34.25	ng/ul	99
60) 4-Nitroaniline	15.39	138	405440	39.23	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.44	198	274153	48.80	ng/ul	100
64) N-Nitrosodiphenylamine	15.58	169	1329065	35.29	ng/ul	100
65) 4-Bromophenyl-phenylether	16.26	248	474458	36.29	ng/ul	99
66) Hexachlorobenzene	16.37	284	516979	36.02	ng/ul	95
67) Atrazine	16.53	200	497934	38.64	ng/ul	100
68) Pentachlorophenol	16.71	266	339553	42.34	ng/ul	98
69) Phenanthrene	17.10	178	2494688	35.77	ng/ul	99
71) Anthracene	17.19	178	2527327	35.93	ng/ul	99
72) Carbazole	17.46	167	2326956	37.56	ng/ul	98
73) Di-n-butylphthalate	18.04	149	2834151	34.00	ng/ul	100
74) Fluoranthene	19.12	202	2934967	39.26	ng/ul	99
77) Pyrene	19.49	202	3002732	35.18	ng/ul	99
78) Butylbenzylphthalate	20.40	149	1334629	33.96	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.17	252	963258	40.01	ng/ul	100
80) Benzo(a)anthracene	21.24	228	2959580	35.74	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	1801511	32.77	ng/ul	99
82) Chrysene	21.29	228	2735959	35.18	ng/ul	100
84) Di-n-octyl phthalate	22.06	149	3332533	35.15	ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	3188821	35.22	ng/ul	100
86) Benzo(k)fluoranthene	22.86	252	2965394	35.43	ng/ul	99
88) Benzo(a)pyrene	23.38	252	3012914	36.32	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.70	276	3508358	41.00	ng/ul	99
90) Dibenzo(a,h)anthracene	25.71	278	2885542	41.17	ng/ul	99
91) Benzo(g,h,i)perylene	26.38	276	3050520	42.20	ng/ul	99

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