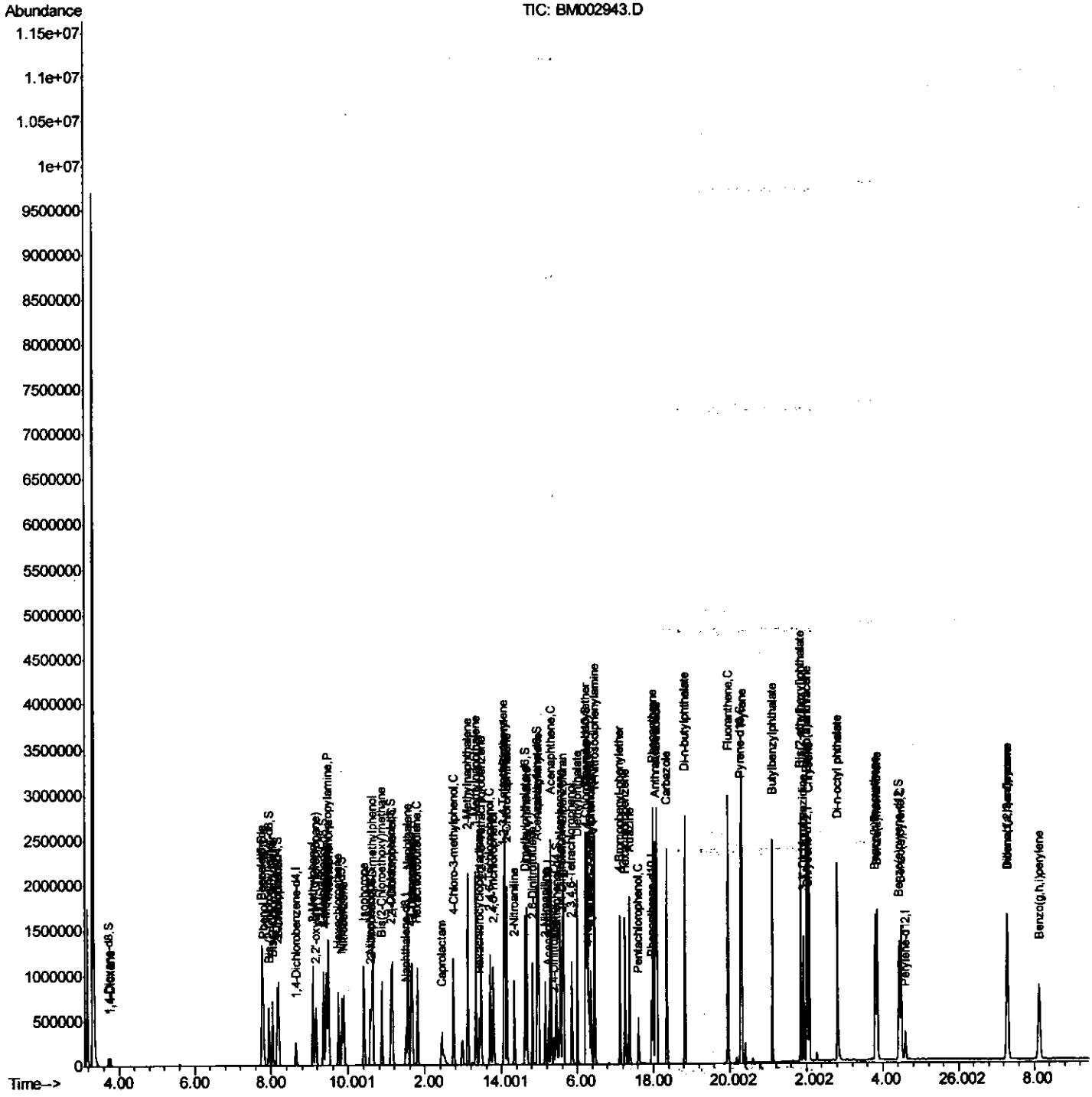
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102115\
Data File : BM002943.D
Acq On : 21 Oct 2015 03:34
Operator : UM/IZ
Sample : SSTD08039
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 21 04:33:27 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 04:00:35 2015
Response via : Initial Calibration



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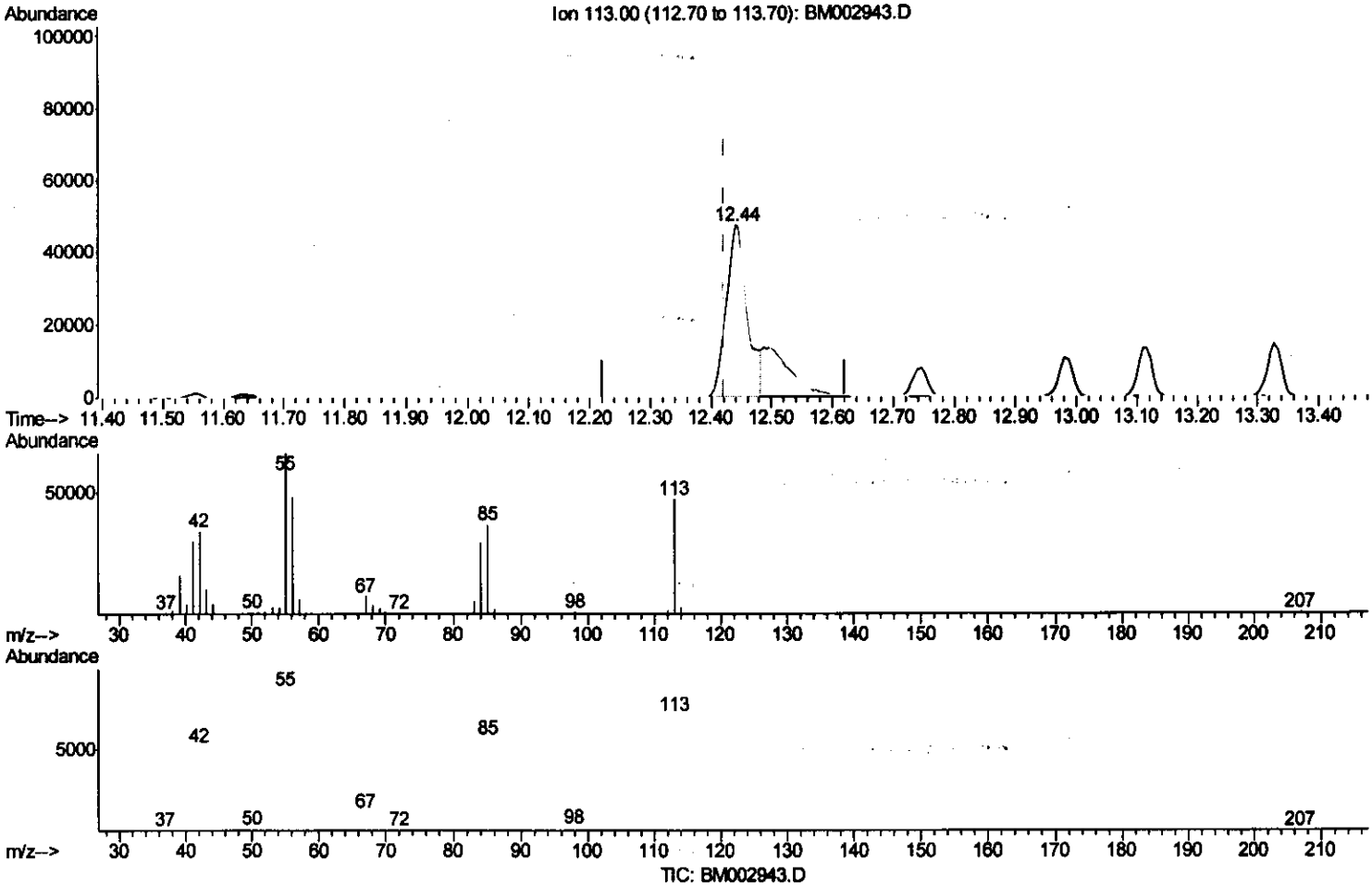

(32) Caprolactam

12.439min (+0.018) 51.23ng/ul

response 114044

Ion	Exp%	Act%
113.00	100	100
55.00	141.80	140.16
56.00	102.70	102.45
0.00	0.00	0.00

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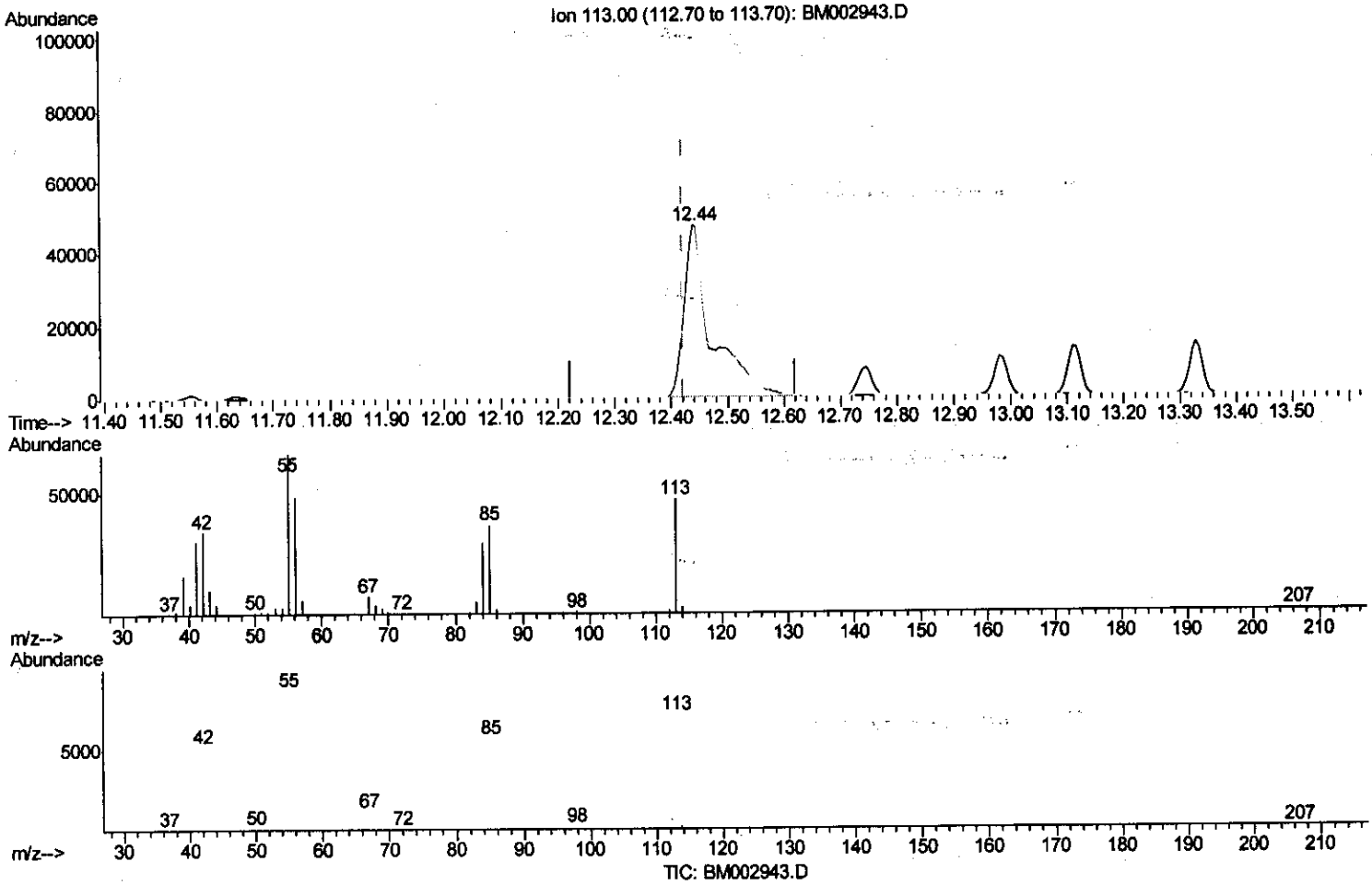

(32) Caprolactam

12.439min (+0.018) 71.45ng/ul m V.M 10/23/15

response 159064

Ion	Exp%	Act%
113.00	100	100
55.00	141.80	140.16
56.00	102.70	102.45
0.00	0.00	0.00

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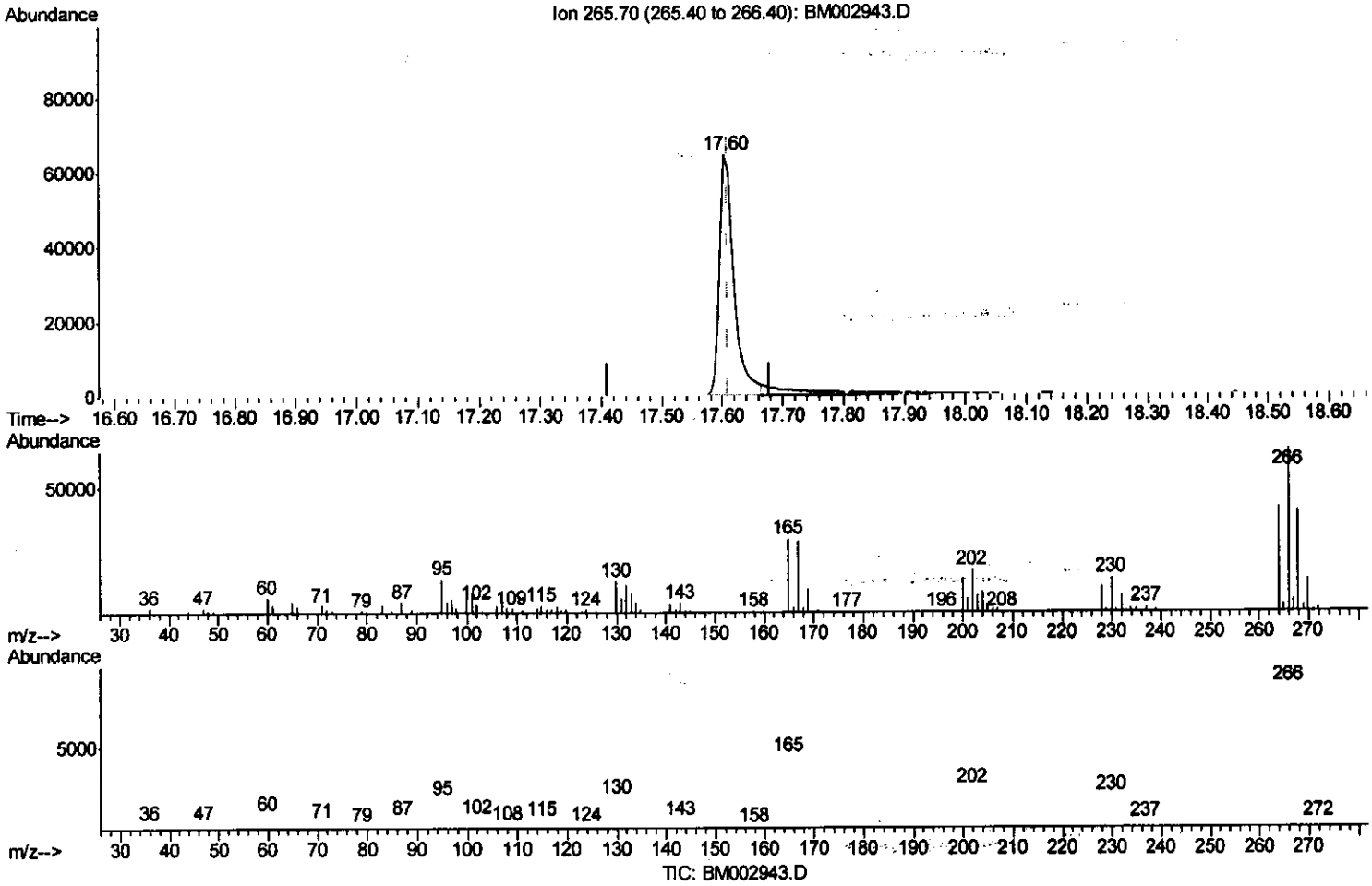

(69) Pentachlorophenol (C)

17.604min (-0.006) 51.01ng/ul

response 106733

Ion	Exp%	Act%
265.70	100	100
264.00	62.00	64.62
268.00	63.20	62.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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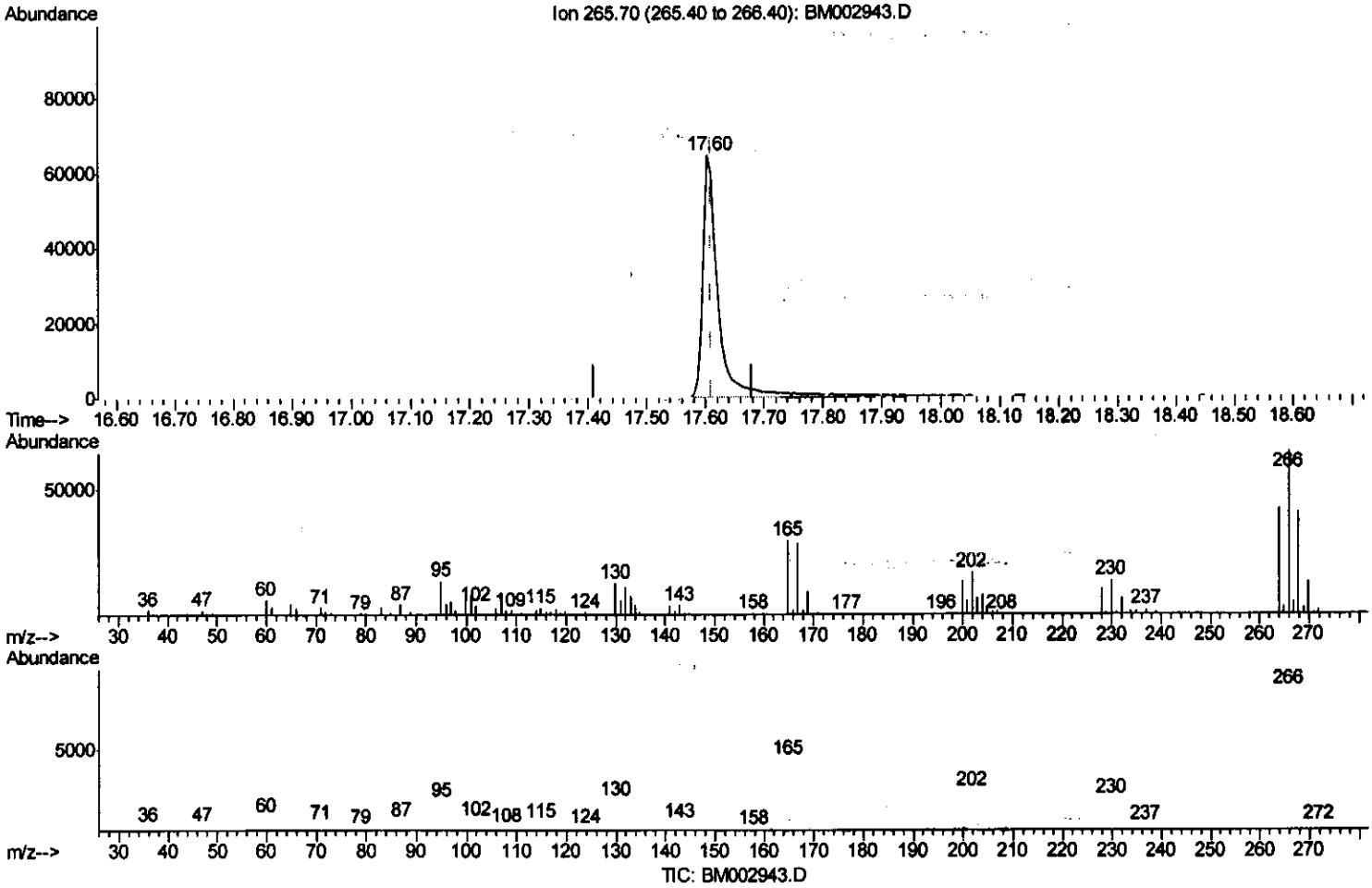

(69) Pentachlorophenol (C)

17.604min (-0.006) 54.28ng/ul m U.M 10/23/15

response 113577

Ion	Exp%	Act%
265.70	100	100
264.00	62.00	64.62
268.00	63.20	62.41
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	8.65	152	87720	20.00	ng/ul	0.00
18) Naphthalene-d8	11.50	136	408526	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.24	164	217909	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.96	188	435619	20.00	ng/ul	0.00
78) Chrysene-d12	22.04	240	338379	20.00	ng/ul	0.00
86) Perylene-d12	24.59	264	271473	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.73	96	53207	24.21	ng/uL	0.00
5) Phenol-d5	7.77	99	555428	68.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.95	67	296203	66.06	ng/ul	0.00
9) 2-Chlorophenol-d4	8.16	132	501290	67.40	ng/ul	0.00
13) 4-Methylphenol-d8	9.36	113	478376	70.73	ng/ul	0.00
19) Nitrobenzene-d5	9.85	128	245728	66.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.57	143	266666	68.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.12	165	451620	66.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.63	131	583015	67.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.63	166	1261486	64.31	ng/ul	0.00
47) Acenaphthylene-d8	14.94	160	1611266	62.41	ng/ul	0.00
52) 4-Nitrophenol-d4	15.44	143	204764	62.37	ng/ul	0.01
58) Fluorene-d10	16.22	176	1078258	61.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.35	200	185213	71.71	ng/ul	0.00
71) Anthracene-d10	18.06	188	1508746	61.66	ng/ul	0.00
79) Pyrene-d10	20.29	212	1409756	70.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.43	264	1059592	64.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.77	88	55643	23.19	ng/uL	100
4) Benzaldehyde	7.76	77	275278	61.18	ng/ul	99
6) Phenol	7.80	94	570929	68.64	ng/ul	100
8) Bis(2-Chloroethyl)ether	8.04	93	437227	66.94	ng/ul	99
10) 2-Chlorophenol	8.20	128	509220	67.59	ng/ul	99
11) 2-Methylphenol	9.09	108	458781	70.47	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.17	45	594419	66.12	ng/ul	100
14) Acetophenone	9.49	105	688714	68.11	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.47	70	330732	69.29	ng/ul	99
16) 4-Methylphenol	9.43	108	501052	70.73	ng/ul	96
17) Hexachloroethane	9.75	117	179248	64.52	ng/ul	98
20) Nitrobenzene	9.89	77	468325	64.58	ng/ul	99
21) Isophorone	10.41	82	922005	65.95	ng/ul	100
23) 2-Nitrophenol	10.61	139	290103	67.69	ng/ul	99
24) 2,4-Dimethylphenol	10.64	107	519852	66.05	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.87	93	600047	65.44	ng/ul	100
27) 2,4-Dichlorophenol	11.15	162	460804	66.88	ng/ul	99
28) Naphthalene	11.55	128	1566902	63.51	ng/ul	99
30) 4-Chloroaniline	11.66	127	590632	67.18	ng/ul	100
31) Hexachlorobutadiene	11.80	225	243645	61.50	ng/ul	99
32) Caprolactam	12.44	113	159064m	71.45	ng/ul	
33) 4-Chloro-3-methylphenol	12.75	107	478195	68.19	ng/ul	99
34) 2-Methylnaphthalene	13.12	142	1123818	64.69	ng/ul	99

U.M 10/23/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.33	142	1098422	64.90	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.47	216	497200	62.11	ng/ul	99
38) Hexachlorocyclopentadiene	13.43	237	134788	62.89	ng/ul	96
39) 2,4,6-Trichlorophenol	13.70	196	313498	63.19	ng/ul	100
40) 2,4,5-Trichlorophenol	13.78	196	337117	63.20	ng/ul	99
41) 1,1'-Biphenyl	14.09	154	1368030	62.16	ng/ul	100
42) 2-Chloronaphthalene	14.15	162	1045148	62.27	ng/ul	99
43) 2-Nitroaniline	14.35	65	270995	66.90	ng/ul	99
45) Dimethylphthalate	14.67	163	1265919	63.71	ng/ul	99
46) 2,6-Dinitrotoluene	14.82	165	285303	69.21	ng/ul	98
48) Acenaphthylene	14.98	152	1706154	62.44	ng/ul	100
49) 3-Nitroaniline	15.16	138	296625	68.24	ng/ul	98
50) Acenaphthene	15.30	153	1124768	62.21	ng/ul	99
51) 2,4-Dinitrophenol	15.37	184	94294	69.84	ng/ul	98
53) 4-Nitrophenol	15.45	109	113179	61.27	ng/ul	98
54) Dibenzofuran	15.63	168	1531446	62.63	ng/ul	100
55) 2,4-Dinitrotoluene	15.61	165	396899	68.08	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.85	232	252616	64.56	ng/ul	99
57) Diethylphthalate	16.00	149	1283954	64.13	ng/ul	99
59) Fluorene	16.27	166	1256781	62.37	ng/ul	100
60) 4-Chlorophenyl-phenylether	16.24	204	574376	61.98	ng/ul	98
61) 4-Nitroaniline	16.31	138	300394	65.23	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.37	198	192817	70.67	ng/ul	97
65) N-Nitrosodiphenylamine	16.46	169	1069807	63.00	ng/ul	99
66) 4-Bromophenyl-phenylether	17.13	248	337445	63.17	ng/ul	99
67) Hexachlorobenzene	17.26	284	355809	59.48	ng/ul	98
68) Atrazine	17.38	200	371451	64.50	ng/ul	98
69) Pentachlorophenol	17.60	266	113577m	54.28	ng/ul	
70) Phenanthrene	18.00	178	1828070	61.34	ng/ul	99
72) Anthracene	18.09	178	1866761	61.59	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.06	216	477364	61.78	ng/uL	100
74) Pentachlorobenzene	15.55	250	445866	61.89	ng/uL	99
75) Carbazole	18.35	167	1673522	63.20	ng/ul	100
76) Di-n-butylphthalate	18.83	149	2115089	62.49	ng/ul	100
77) Fluoranthene	19.96	202	1850061	60.85	ng/ul	99
80) Pyrene	20.32	202	1873750	69.40	ng/ul	100
81) Butylbenzylphthalate	21.12	149	826077	70.08	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.93	252	446212	60.75	ng/ul	100
83) Benzo(a)anthracene	22.02	228	1484688	62.62	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.86	149	1131705	66.30	ng/ul	99
85) Chrysene	22.08	228	1397942	62.55	ng/ul	99
87) Di-n-octyl phthalate	22.81	149	1710784	72.21	ng/ul	100
88) Benzo(b)fluoranthene	23.81	252	1305476	67.49	ng/ul	99
89) Benzo(k)fluoranthene	23.86	252	1192370	63.55	ng/ul	99
91) Benzo(a)pyrene	24.49	252	1201325	64.59	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	27.30	276	1286448	60.95	ng/ul	99
93) Dibenzo(a,h)anthracene	27.29	278	1073159	60.41	ng/ul	100
94) Benzo(g,h,i)perylene	28.13	276	1096410	61.61	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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