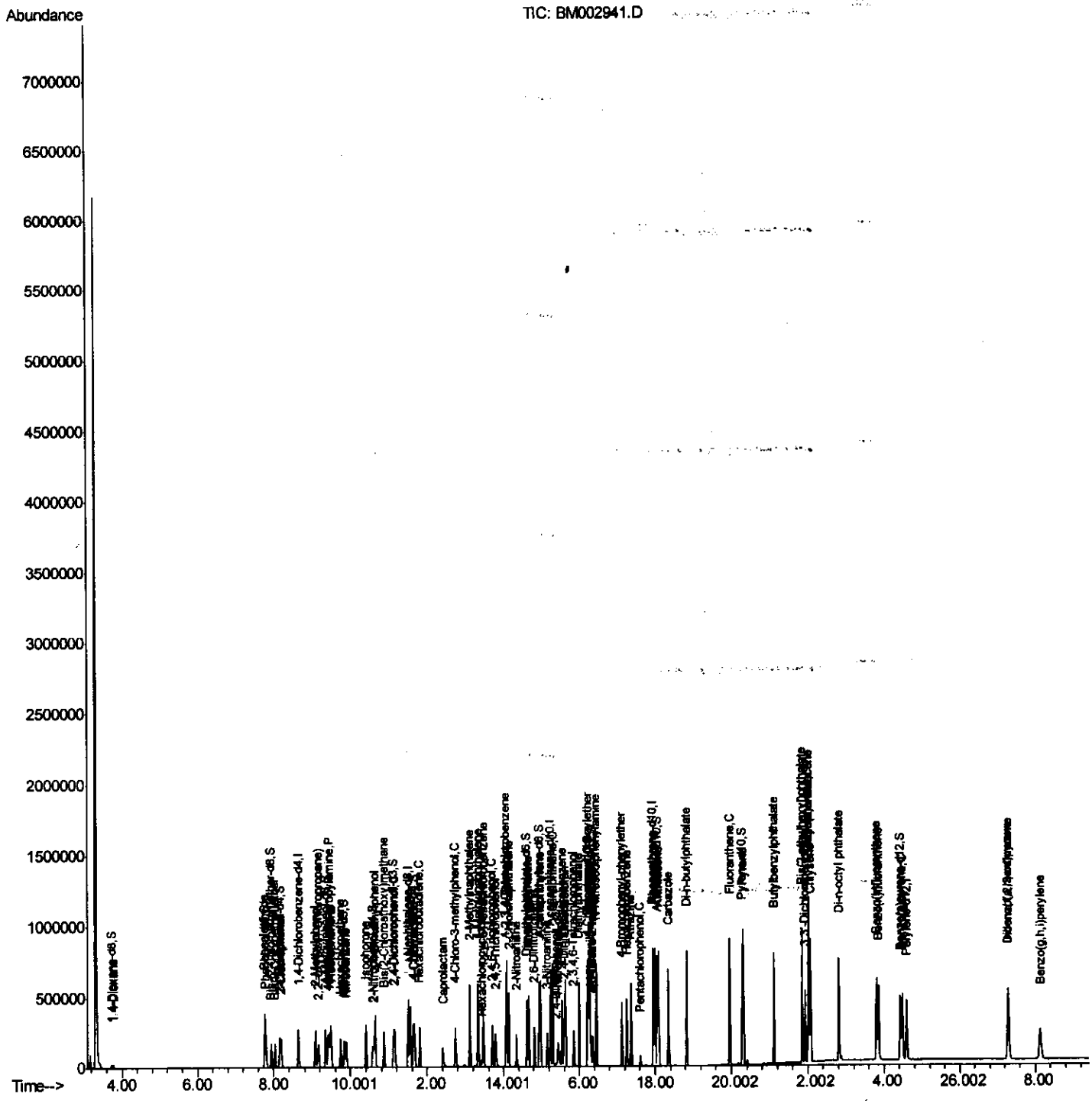
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102115\
Data File : BM002941.D
Acq On : 21 Oct 2015 02:22
Operator : UM/IZ
Sample : SSTD02037
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 21 04:28:30 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



Quantitation Report (Qedit)

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Quant Time: Oct 21 04:04:10 2015
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Quant Title : SVOA CALIBRATION
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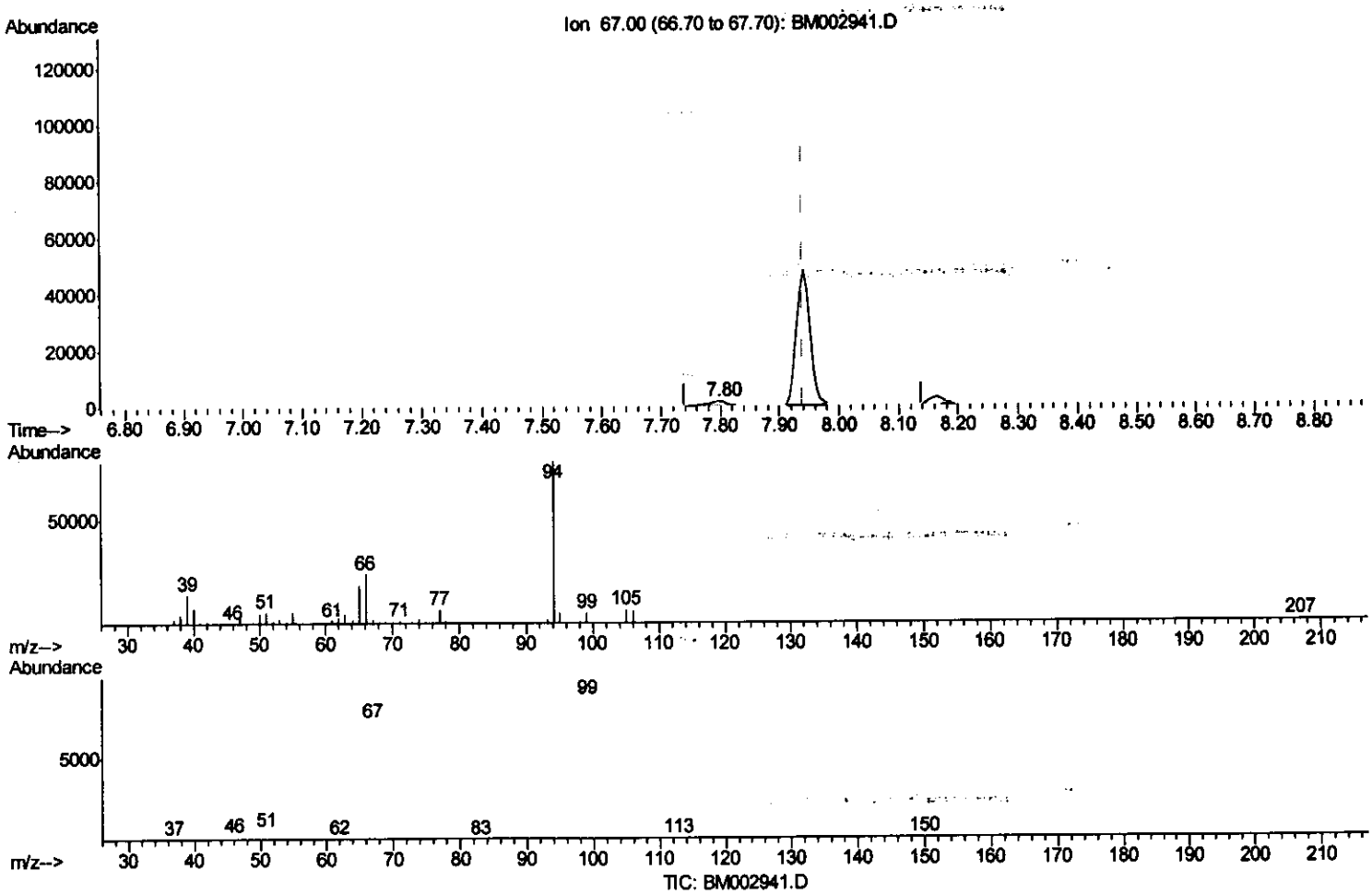

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.798min (-0.141) 0.77ng/ul

response 3606

Ion	Exp%	Act%
67.00	100	100
99.00	139.20	307.41#
69.00	31.50	39.50#
0.00	0.00	0.00

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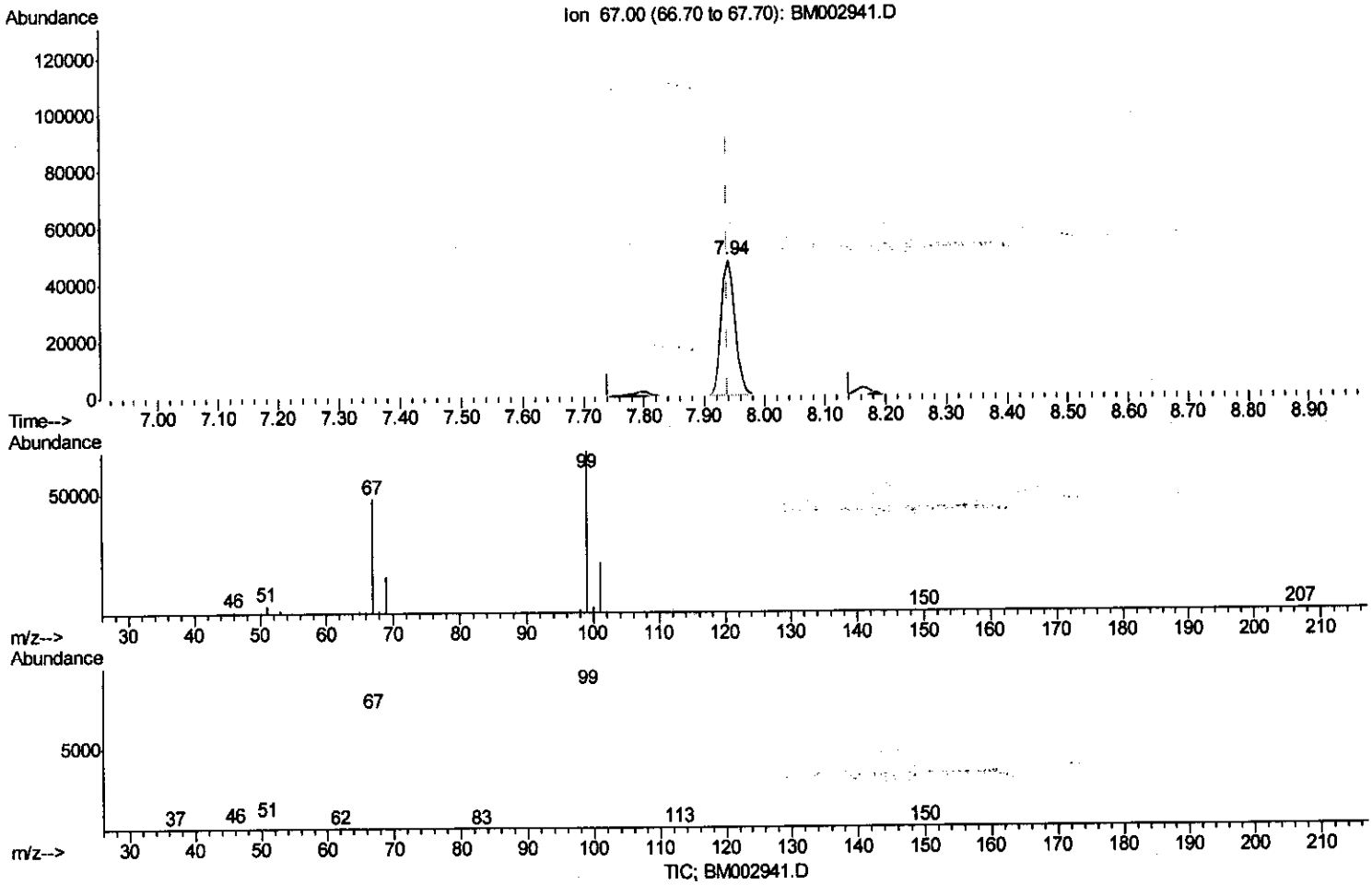

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.940min (+0.000) 16.37ng/ul m U.M 10/23/15

response 76876

Ion	Exp%	Act%
67.00	100	100
99.00	139.20	140.99
69.00	31.50	32.27
0.00	0.00	0.00

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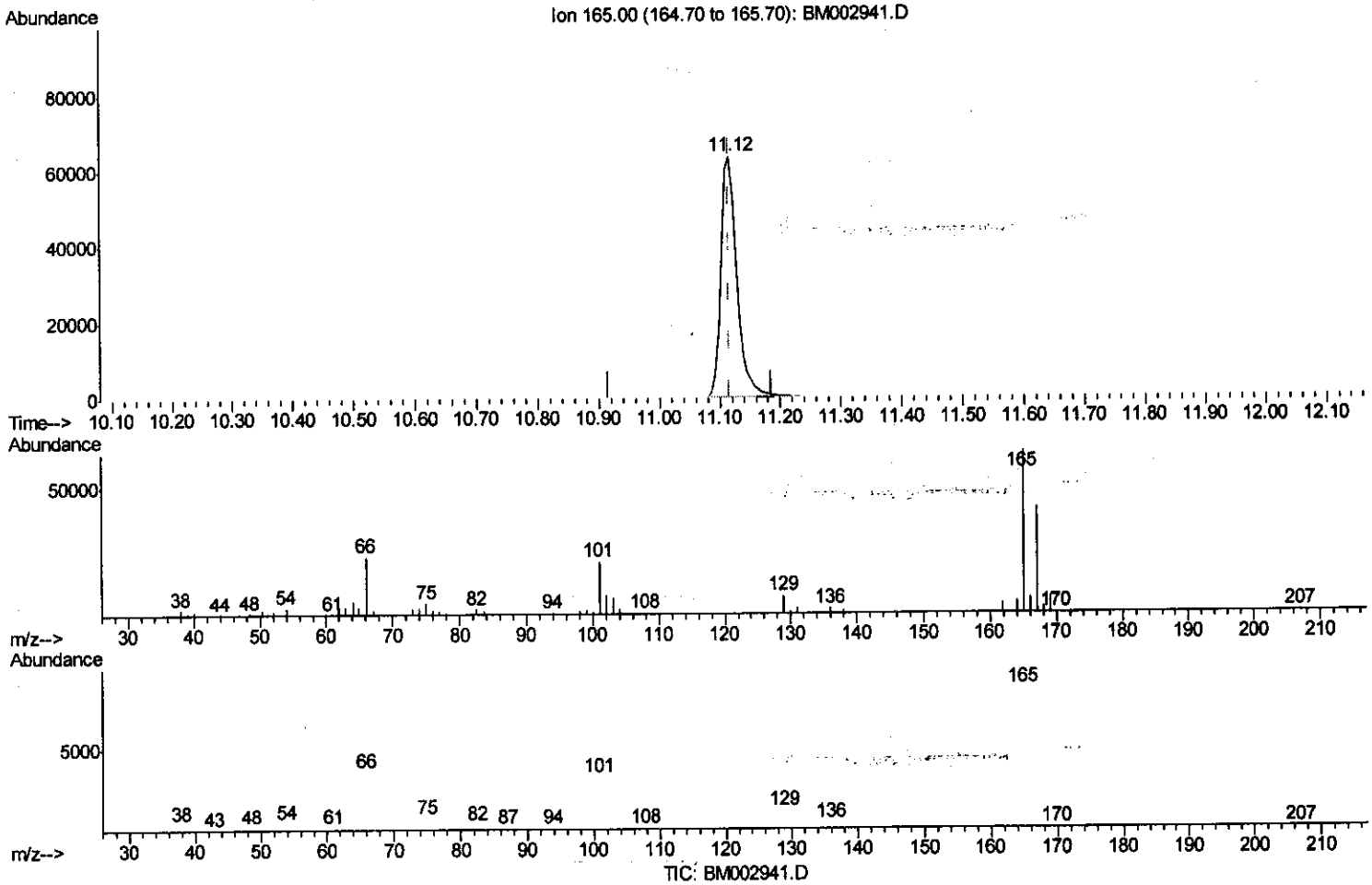

TIC: BM002941.D

(26) 2,4-Dichlorophenol-d3 (S)

11.116min (+0.000) 15.56ng/ul

response 113761

Ion	Exp%	Act%
165.00	100	100
167.00	63.20	65.04
101.00	32.30	32.65
0.00	0.00	0.00

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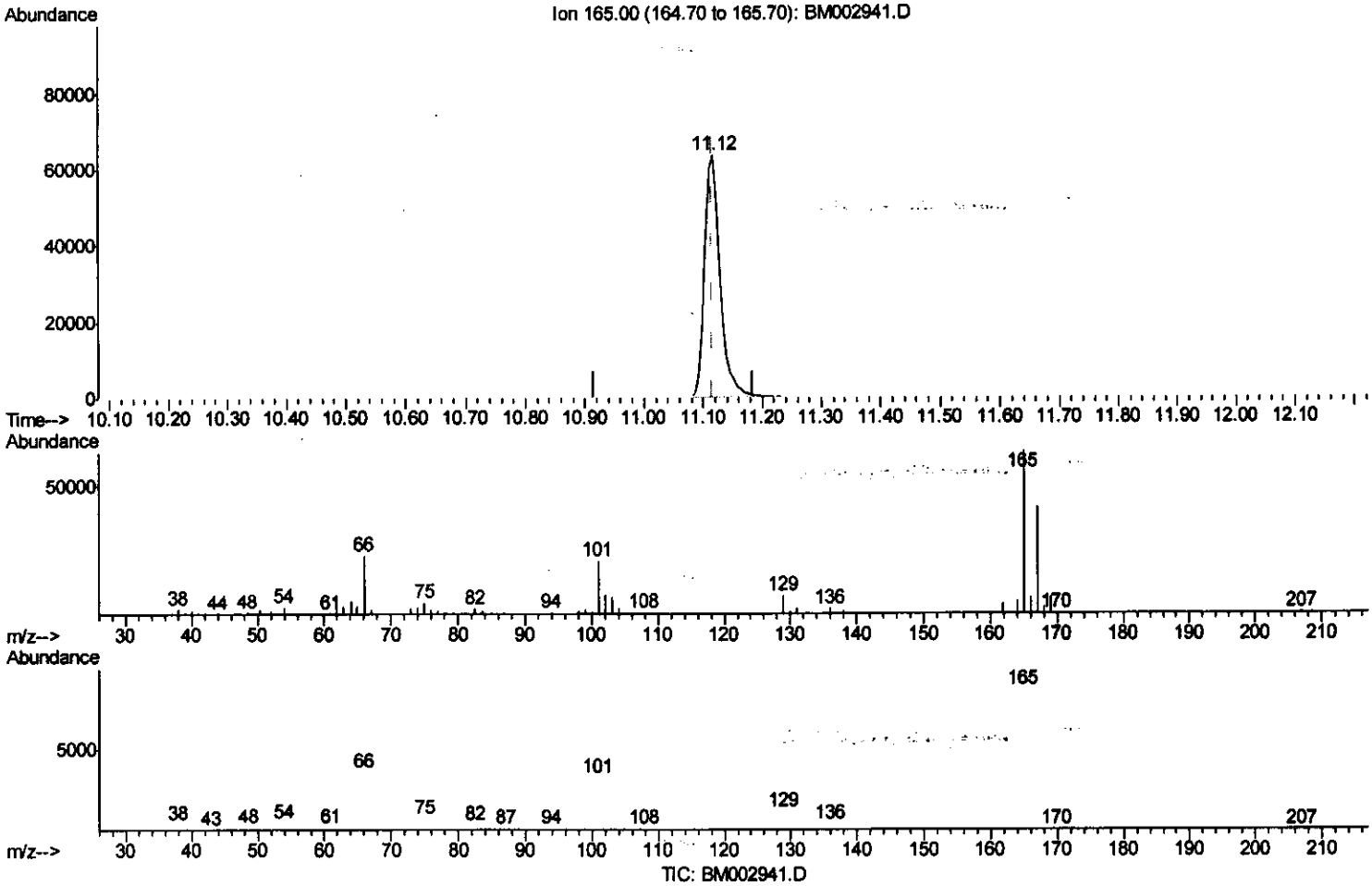

(26) 2,4-Dichlorophenol-d3 (S)

11.116min (+0.000) 15.87ng/ul m U.M 10/23/15

response 116020

Ion	Exp%	Act%
165.00	100	100
167.00	63.20	65.04
101.00	32.30	32.65
0.00	0.00	0.00

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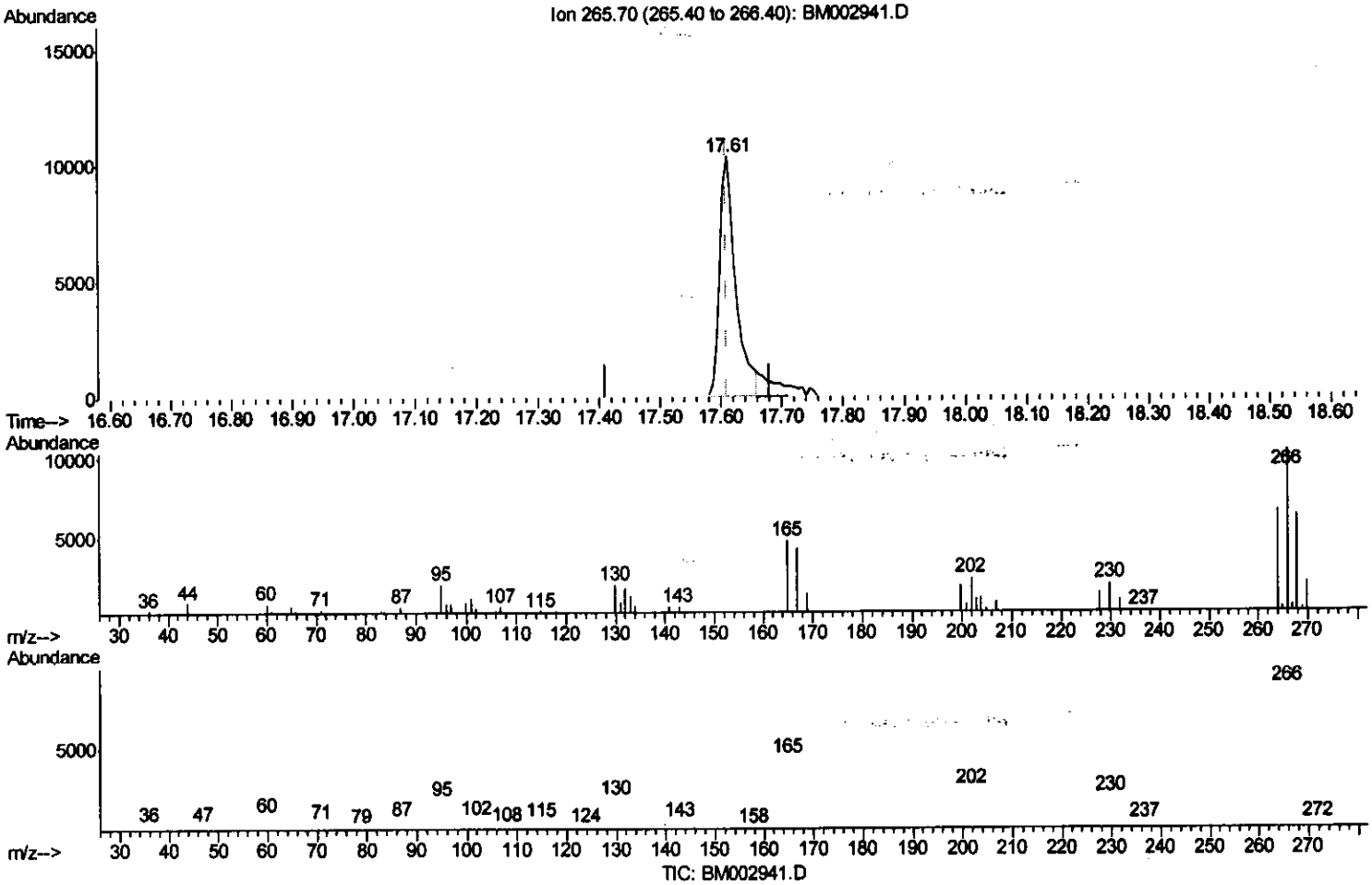

(69) Pentachlorophenol (C)

17.610min (+0.000) 7.86ng/ul

response 18821

Ion	Exp%	Act%
265.70	100	100
264.00	62.00	63.72
268.00	63.20	60.66
0.00	0.00	0.00

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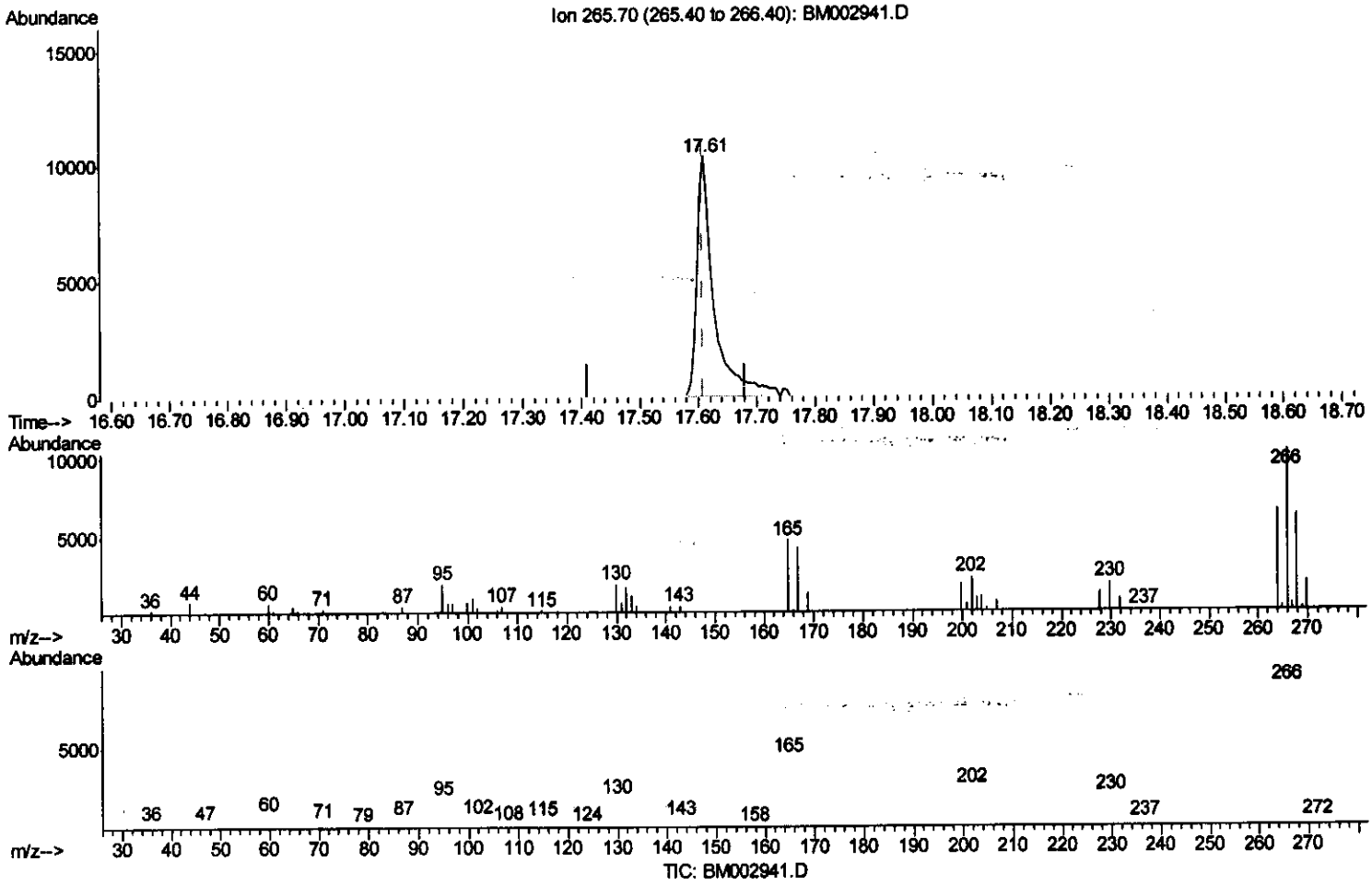

(69) Pentachlorophenol (C)

17.610min (+0.000) 8.93ng/ul m U.M 10/23/15

response 21377

Ion	Exp%	Act%
265.70	100	100
264.00	62.00	63.72
268.00	63.20	60.66
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	91868	20.00	ng/ul	0.00
18) Naphthalene-d8	11.50	136	439428	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.24	164	241885	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.95	188	498283	20.00	ng/ul	0.00
78) Chrysene-d12	22.03	240	452840	20.00	ng/ul	0.00
86) Perylene-d12	24.59	264	360383	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.73	96	14162	6.15	ng/uL	0.00
5) Phenol-d5	7.77	99	137223	16.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.94	67	76876m	16.37	ng/ul	0.00
9) 2-Chlorophenol-d4	8.16	132	124841	16.03	ng/ul	0.00
13) 4-Methylphenol-d8	9.35	113	120748	17.05	ng/ul	0.00
19) Nitrobenzene-d5	9.84	128	60409	15.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.57	143	62233	14.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.12	165	116020m	15.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.63	131	172843	18.52	ng/ul	0.00
44) Dimethylphthalate-d6	14.62	166	352170	16.17	ng/ul	0.00
47) Acenaphthylene-d8	14.95	160	449108	15.67	ng/ul	0.00
52) 4-Nitrophenol-d4	15.43	143	45506	12.49	ng/ul	0.00
58) Fluorene-d10	16.22	176	313371	16.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.34	200	39479	13.36	ng/ul	0.00
71) Anthracene-d10	18.05	188	439599	15.71	ng/ul	0.00
79) Pyrene-d10	20.28	212	436475	16.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.43	264	345360	15.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.77	88	14523	5.78	ng/uL	100
4) Benzaldehyde	7.77	77	76845	16.31	ng/ul	99
6) Phenol	7.80	94	142597	16.37	ng/ul	100
8) Bis(2-Chloroethyl)ether	8.03	93	113726	16.63	ng/ul	98
10) 2-Chlorophenol	8.20	128	127698	16.19	ng/ul	99
11) 2-Methylphenol	9.09	108	114826	16.84	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.17	45	157305	16.71	ng/ul	99
14) Acetophenone	9.49	105	183368	17.32	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.45	70	85717	17.15	ng/ul	99
16) 4-Methylphenol	9.42	108	128162	17.28	ng/ul	98
17) Hexachloroethane	9.75	117	45436	15.62	ng/ul	99
20) Nitrobenzene	9.89	77	119974	15.38	ng/ul	99
21) Isophorone	10.40	82	239418	15.92	ng/ul	99
23) 2-Nitrophenol	10.60	139	71136	15.43	ng/ul	99
24) 2,4-Dimethylphenol	10.63	107	135425	16.00	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.87	93	158740	16.09	ng/ul	99
27) 2,4-Dichlorophenol	11.14	162	116971	15.78	ng/ul	99
28) Naphthalene	11.55	128	422093	15.91	ng/ul	100
30) 4-Chloroaniline	11.66	127	175085	18.51	ng/ul	99
31) Hexachlorobutadiene	11.80	225	64864	15.22	ng/ul	99
32) Caprolactam	12.41	113	38540	16.10	ng/ul	97
33) 4-Chloro-3-methylphenol	12.73	107	126227	16.73	ng/ul	99
34) 2-Methylnaphthalene	13.11	142	307810	16.47	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	301816	16.58 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.47	216	135326	15.23 ng/ul	100
38) Hexachlorocyclopentadiene	13.43	237	12061	5.07 ng/ul	94
39) 2,4,6-Trichlorophenol	13.70	196	80265	14.57 ng/ul	99
40) 2,4,5-Trichlorophenol	13.79	196	90002	15.20 ng/ul	99
41) 1,1'-Biphenyl	14.08	154	385946	15.80 ng/ul	99
42) 2-Chloronaphthalene	14.15	162	290109	15.57 ng/ul	99
43) 2-Nitroaniline	14.35	65	68549	15.25 ng/ul	98
45) Dimethylphthalate	14.67	163	356829	16.18 ng/ul	100
46) 2,6-Dinitrotoluene	14.82	165	73297	16.02 ng/ul	98
48) Acenaphthylene	14.97	152	481580	15.88 ng/ul	99
49) 3-Nitroaniline	15.15	138	80626	16.71 ng/ul	98
50) Acenaphthene	15.30	153	321495	16.02 ng/ul	99
51) 2,4-Dinitrophenol	15.39	184	11279	7.53 ng/ul	93
53) 4-Nitrophenol	15.44	109	25590	12.48 ng/ul	96
54) Dibenzofuran	15.63	168	437926	16.13 ng/ul	99
55) 2,4-Dinitrotoluene	15.60	165	106824	16.51 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.85	232	61428	14.14 ng/ul	99
57) Diethylphthalate	16.00	149	363897	16.37 ng/ul	99
59) Fluorene	16.27	166	364195	16.28 ng/ul	100
60) 4-Chlorophenyl-phenylether	16.24	204	167423	16.28 ng/ul	99
61) 4-Nitroaniline	16.30	138	77408	15.14 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.36	198	41812	13.40 ng/ul#	99
65) N-Nitrosodiphenylamine	16.46	169	310255	15.97 ng/ul	99
66) 4-Bromophenyl-phenylether	17.13	248	95361	15.61 ng/ul	99
67) Hexachlorobenzene	17.26	284	103578	15.14 ng/ul	99
68) Atrazine	17.37	200	104816	15.91 ng/ul	97
69) Pentachlorophenol	17.61	266	21377m	8.93 ng/ul	
70) Phenanthrene	17.99	178	543472	15.94 ng/ul	100
72) Anthracene	18.09	178	554498	15.99 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.06	216	133546	15.11 ng/uL	99
74) Pentachlorobenzene	15.55	250	126482	15.35 ng/uL	99
75) Carbazole	18.34	167	490586	16.20 ng/ul	100
76) Di-n-butylphthalate	18.83	149	610843	15.78 ng/ul	100
77) Fluoranthene	19.96	202	569099	16.36 ng/ul	99
80) Pyrene	20.31	202	591177	16.36 ng/ul	99
81) Butylbenzylphthalate	21.12	149	250817	15.90 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.92	252	162485	16.53 ng/ul	99
83) Benzo(a)anthracene	22.02	228	503649	15.87 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.85	149	360256	15.77 ng/ul	98
85) Chrysene	22.07	228	479054	16.02 ng/ul	100
87) Di-n-octyl phthalate	22.81	149	547825	17.42 ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	427356	16.64 ng/ul	100
89) Benzo(k)fluoranthene	23.85	252	415123	16.67 ng/ul	100
91) Benzo(a)pyrene	24.48	252	393603	15.94 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.29	276	382214	13.64 ng/ul	99
93) Dibenzo(a,h)anthracene	27.28	278	318954	13.52 ng/ul	99
94) Benzo(g,h,i)perylene	28.13	276	312777	13.24 ng/ul	99

UM 10/23/15

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

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