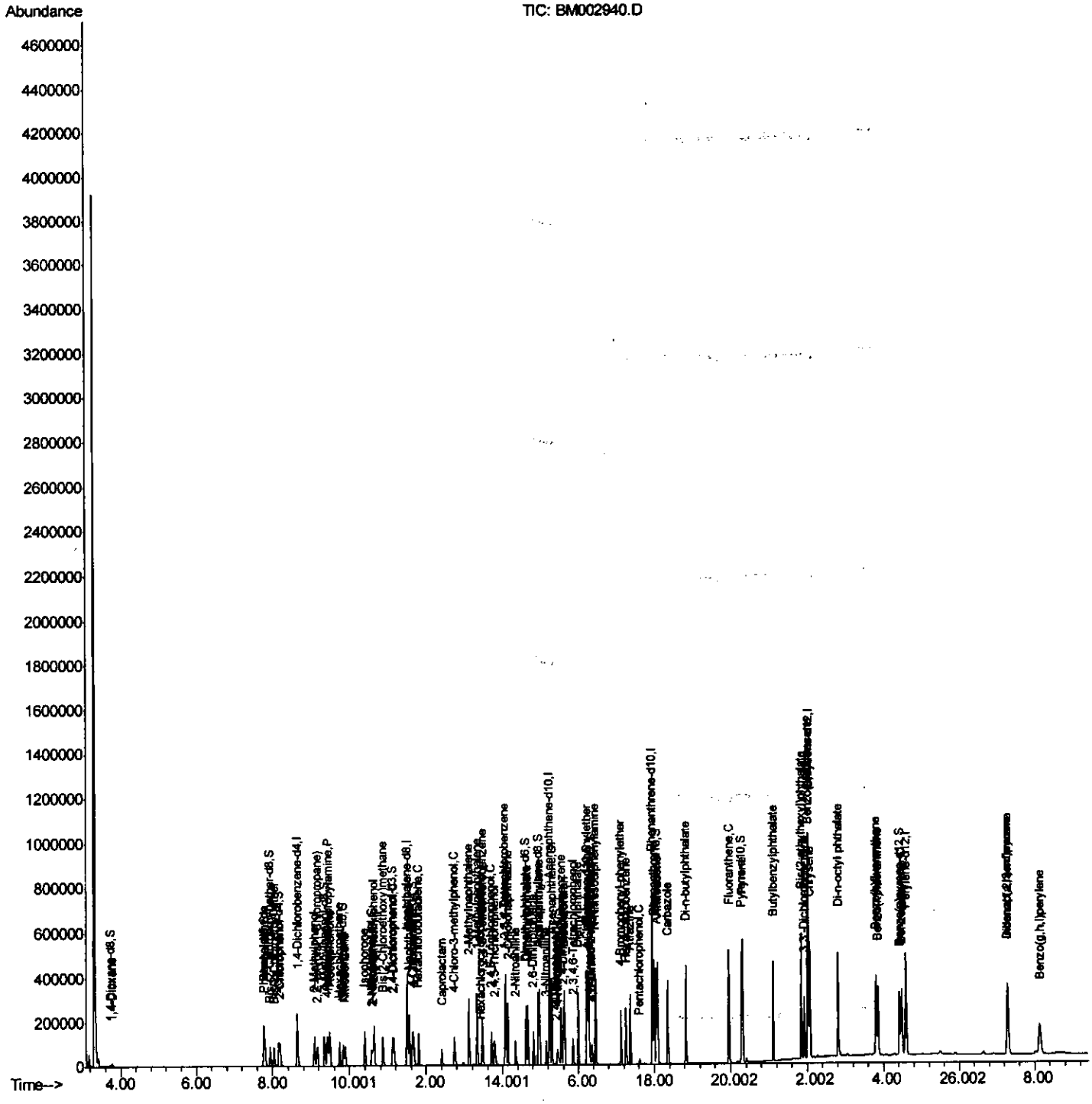
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM102115\
Data File : BM002940.D
Acq On : 21 Oct 2015 01:46
Operator : UM/IZ
Sample : SSTD01036
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 04:25:37 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)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102115\
Data File : BM002940.D
Acq On : 21 Oct 2015 01:46
Operator : UM/IZ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 04:03:44 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
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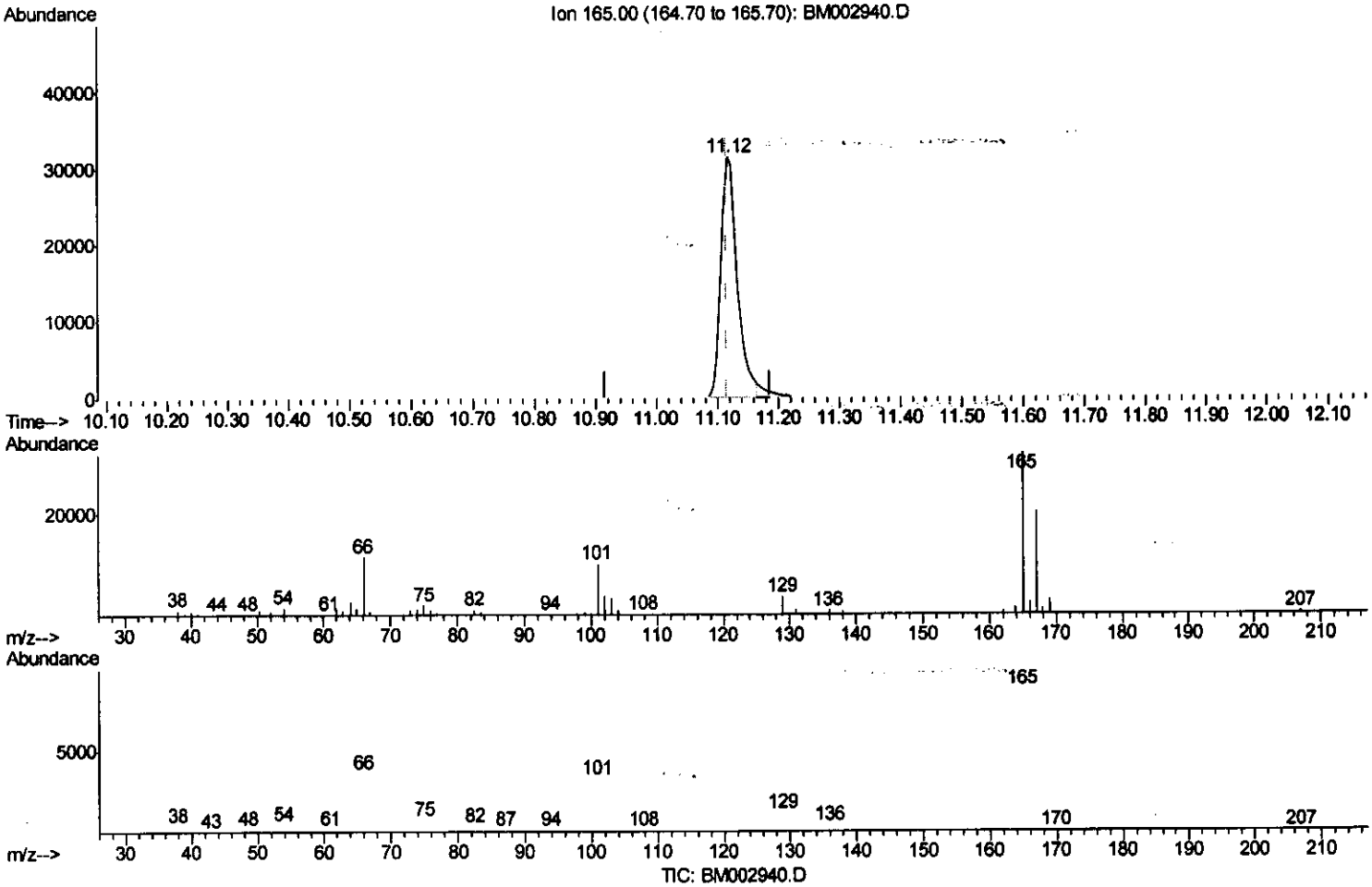

(26) 2,4-Dichlorophenol-d3 (S)

11.116min (-0.000) 8.96ng/ul

response 58052

Ion	Exp%	Act%
165.00	100	100
167.00	63.20	64.21
101.00	32.30	32.54
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 04:00:35 2015
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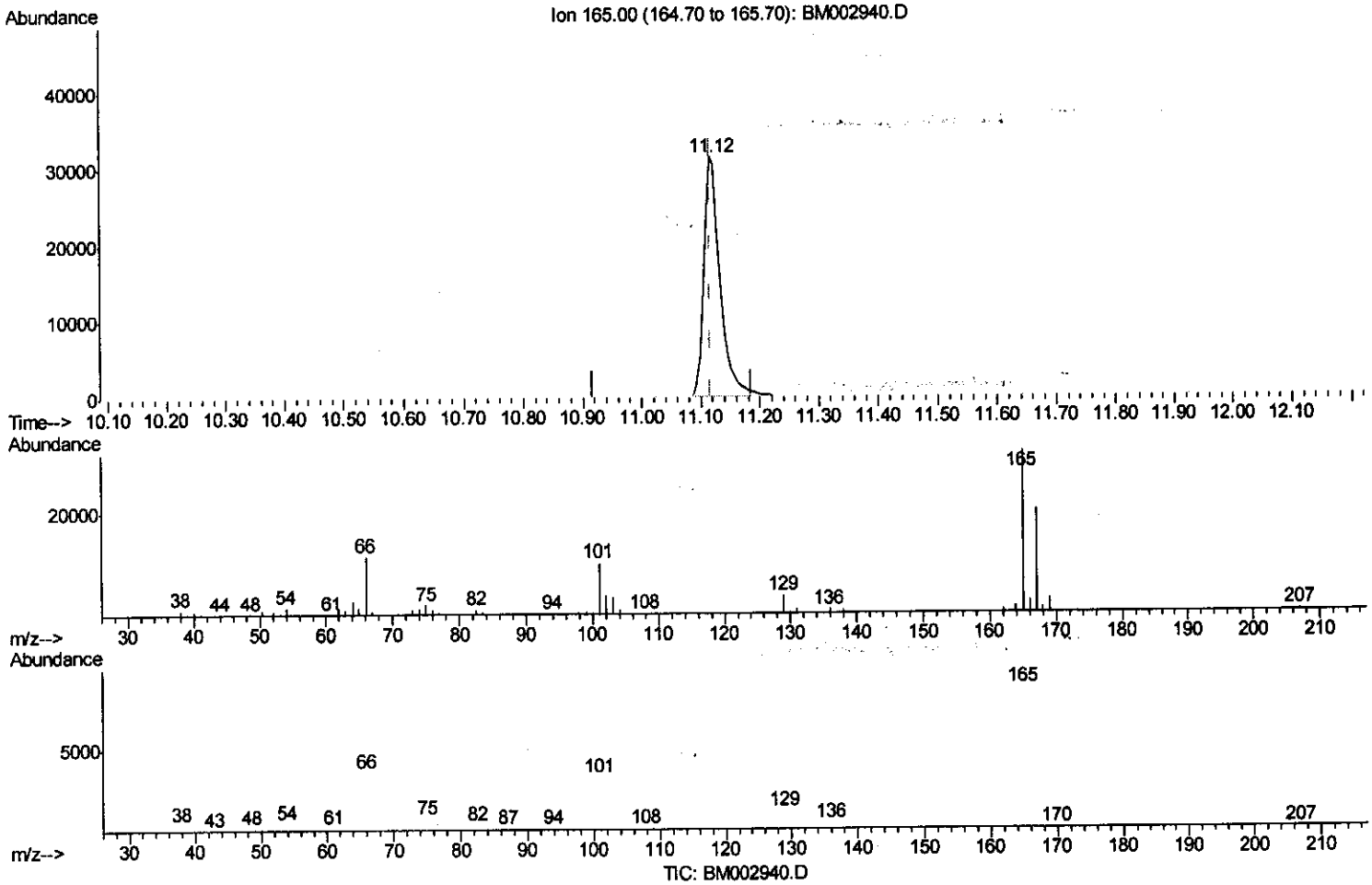

(26) 2,4-Dichlorophenol-d3 (S)

11.116min (-0.000) 9.29ng/ul m U.M

response 60172 10/23/15

Ion	Exp%	Act%
165.00	100	100
167.00	63.20	64.21
101.00	32.30	32.54
0.00	0.00	0.00

Quantitation Report (Qedit)

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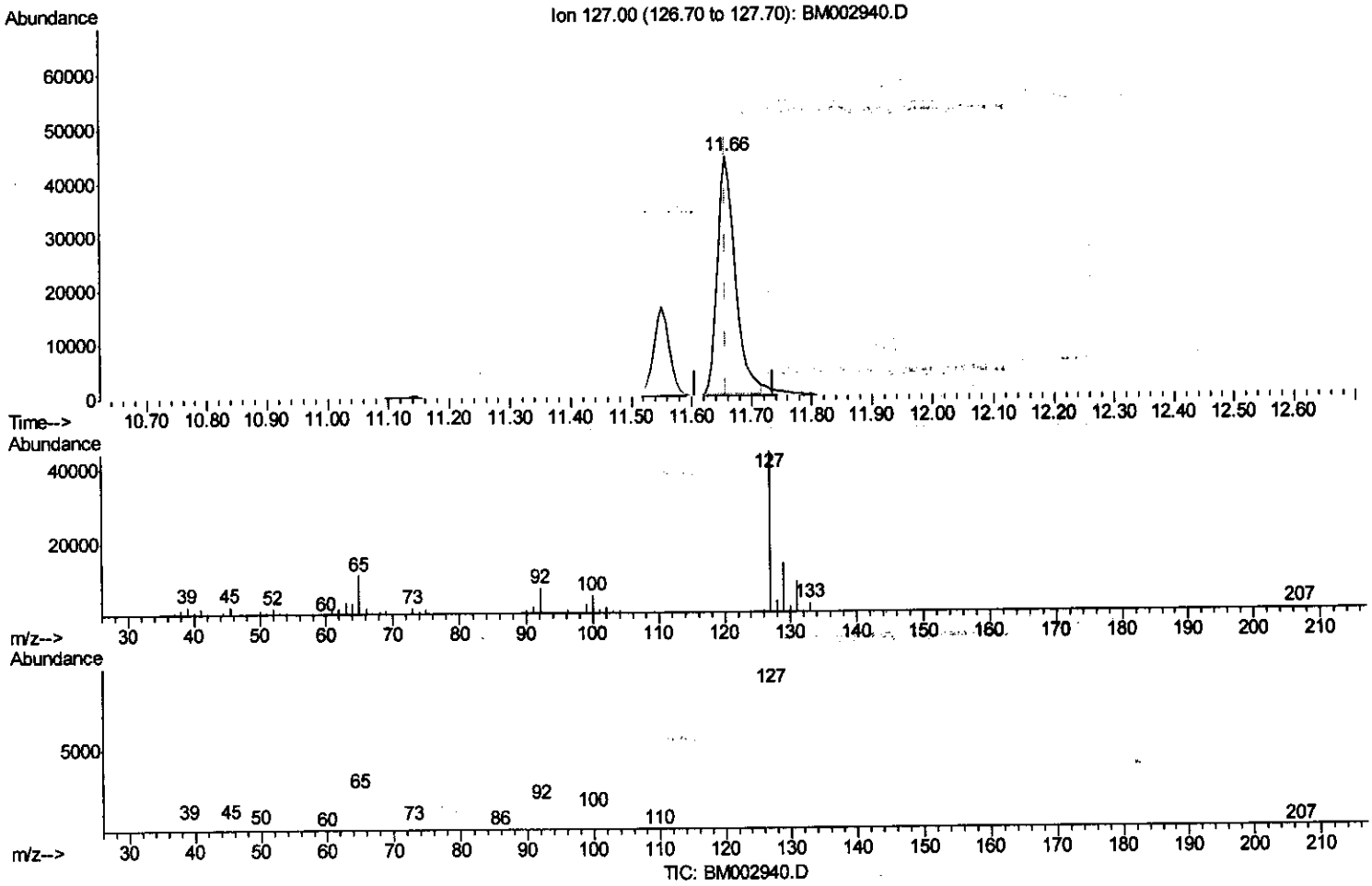

(30) 4-Chloroaniline

11.657min (-0.000) 10.72ng/ul

response 89801

Ion	Exp%	Act%
127.00	100	100
129.00	32.50	31.25
0.00	0.00	0.00
0.00	0.00	0.00

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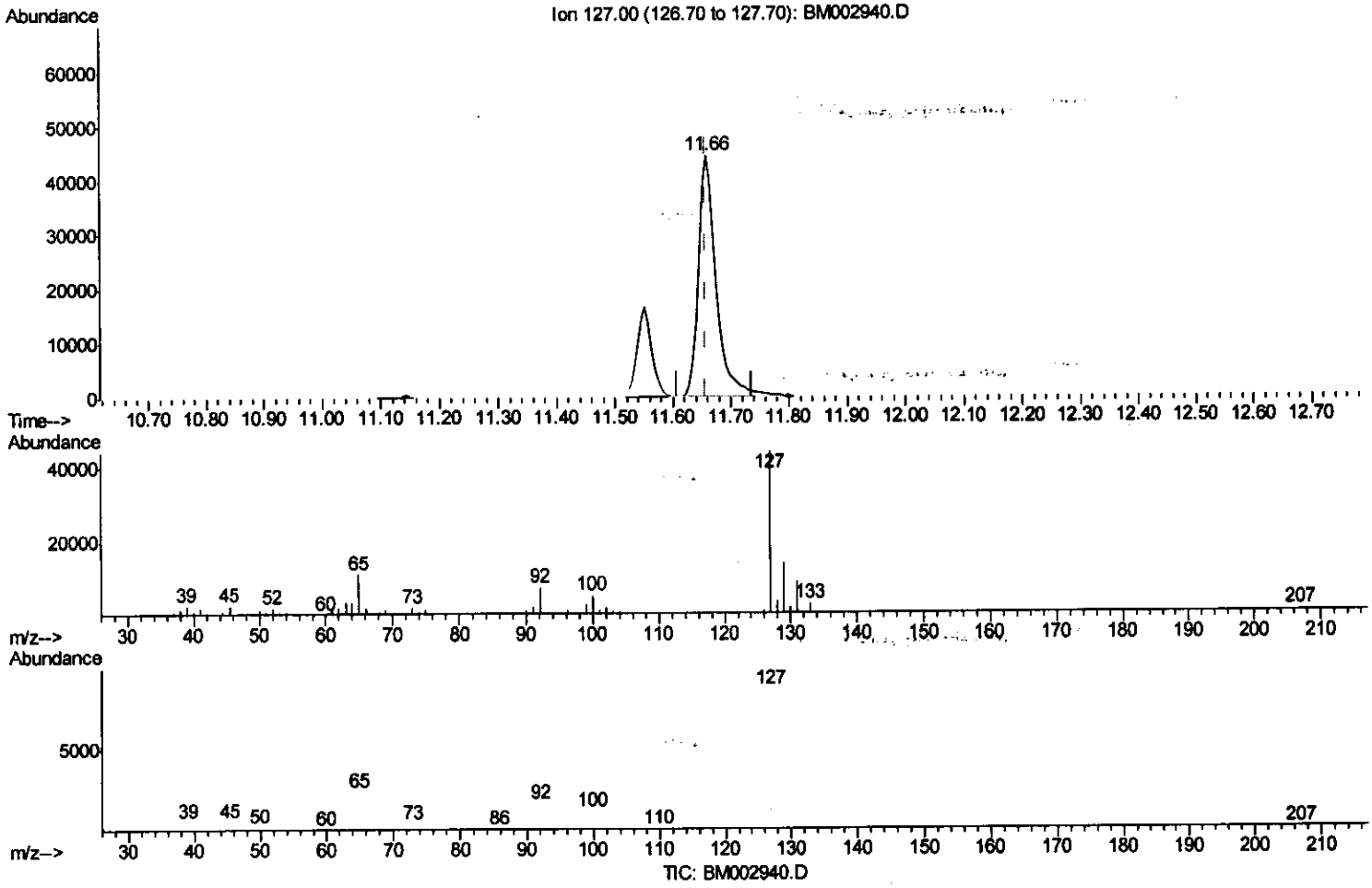

(30) 4-Chloroaniline

11.657min (-0.000) 11.42ng/ul m U.M
10/23/15

response 95656

Ion	Exp%	Act%
127.00	100	100
129.00	32.50	31.25
0.00	0.00	0.00
0.00	0.00	0.00

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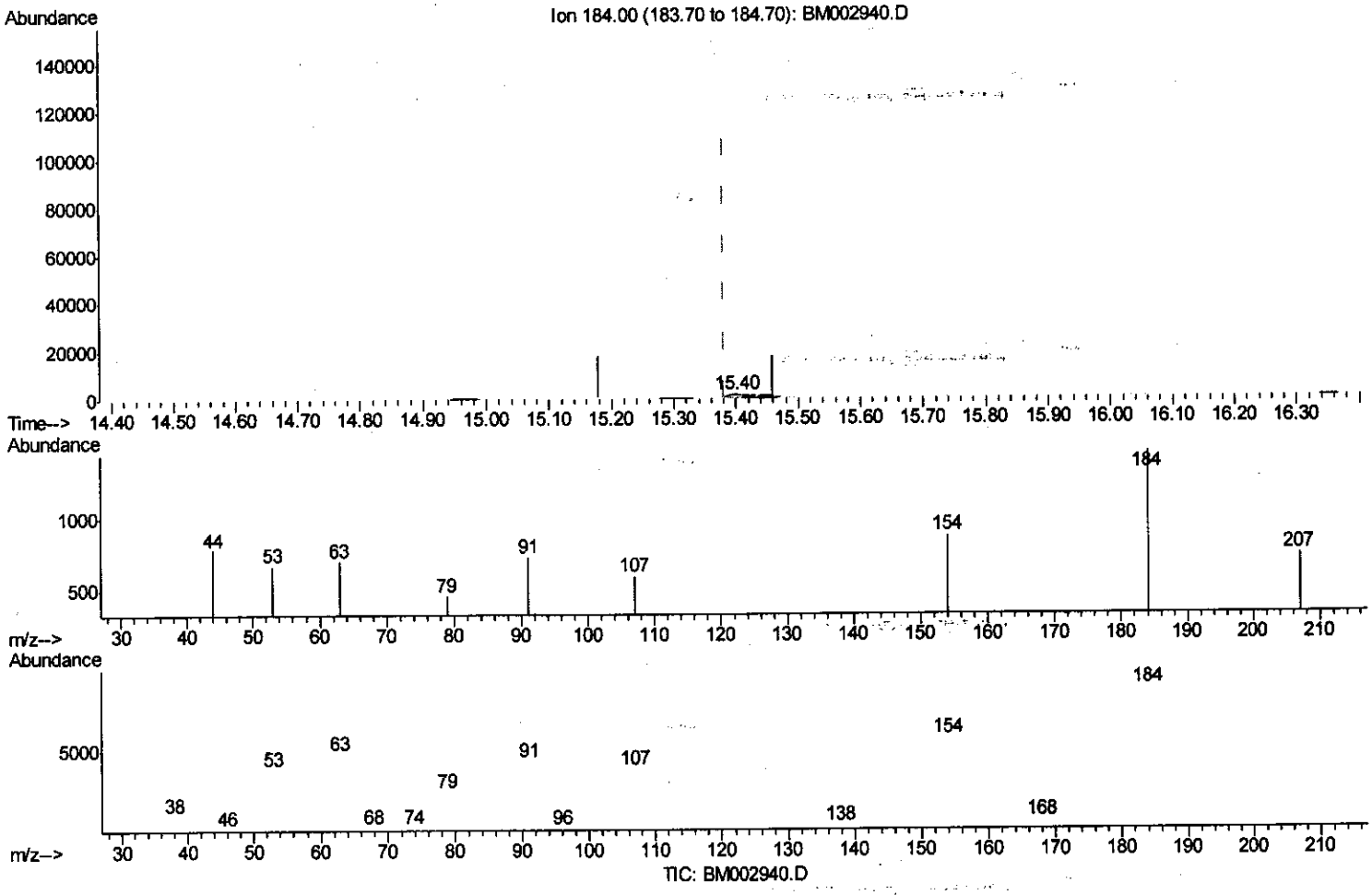

(51) 2,4-Dinitrophenol

15.398min (+0.018) 1.51ng/ul

response 2026

Ion	Exp%	Act%
184.00	100	100
63.00	47.80	48.27
154.00	56.60	59.75
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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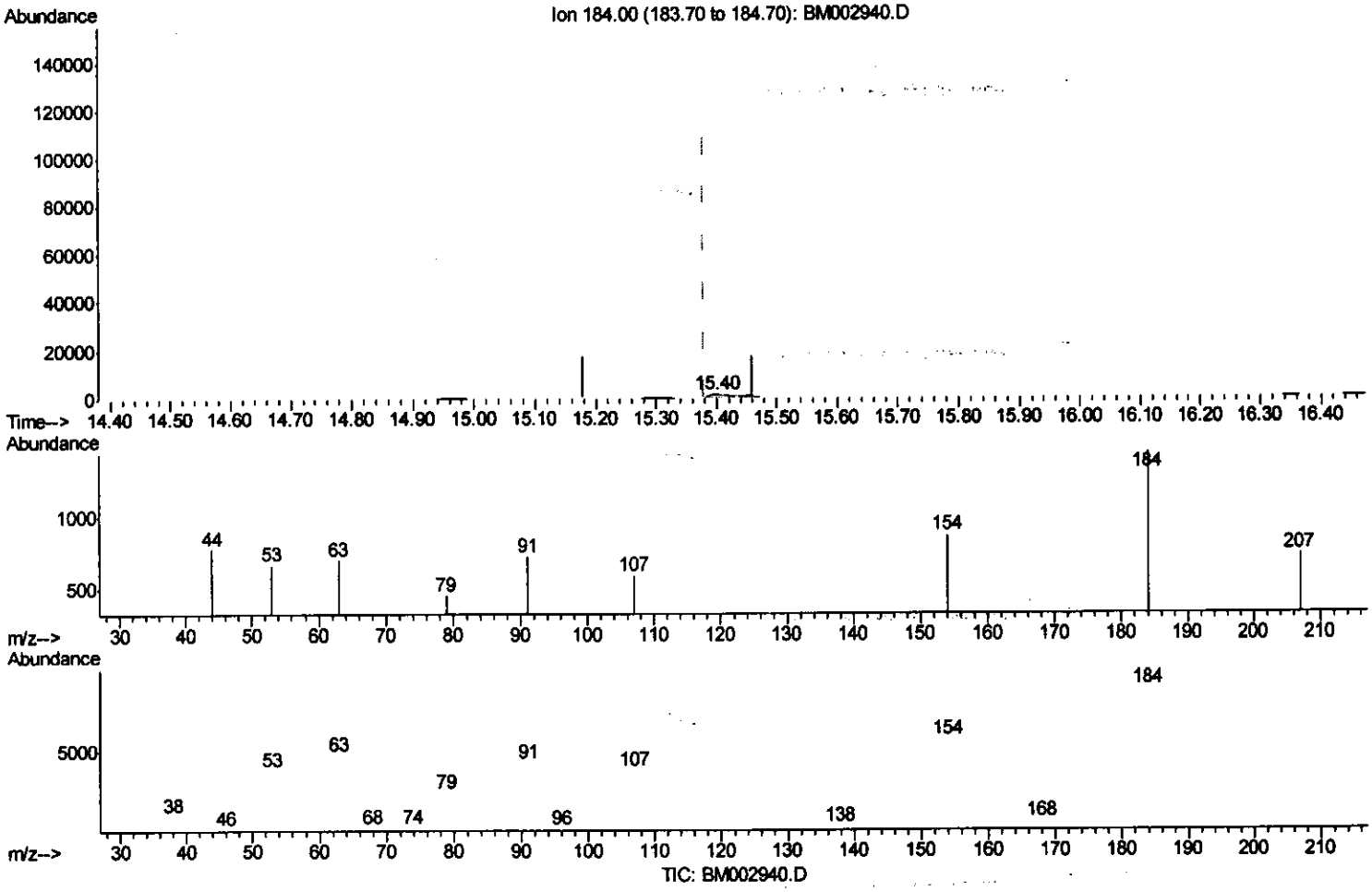

(51) 2,4-Dinitrophenol

15.398min (+0.018) 3.62ng/ul m U.M 10/23/15

response 4875

Ion	Exp%	Act%
184.00	100	100
63.00	47.80	48.27
154.00	56.60	59.75
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/IZ
Sample : SSTD01036
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 04:03:44 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102115.M
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QLast Update : Wed Oct 21 04:00:35 2015
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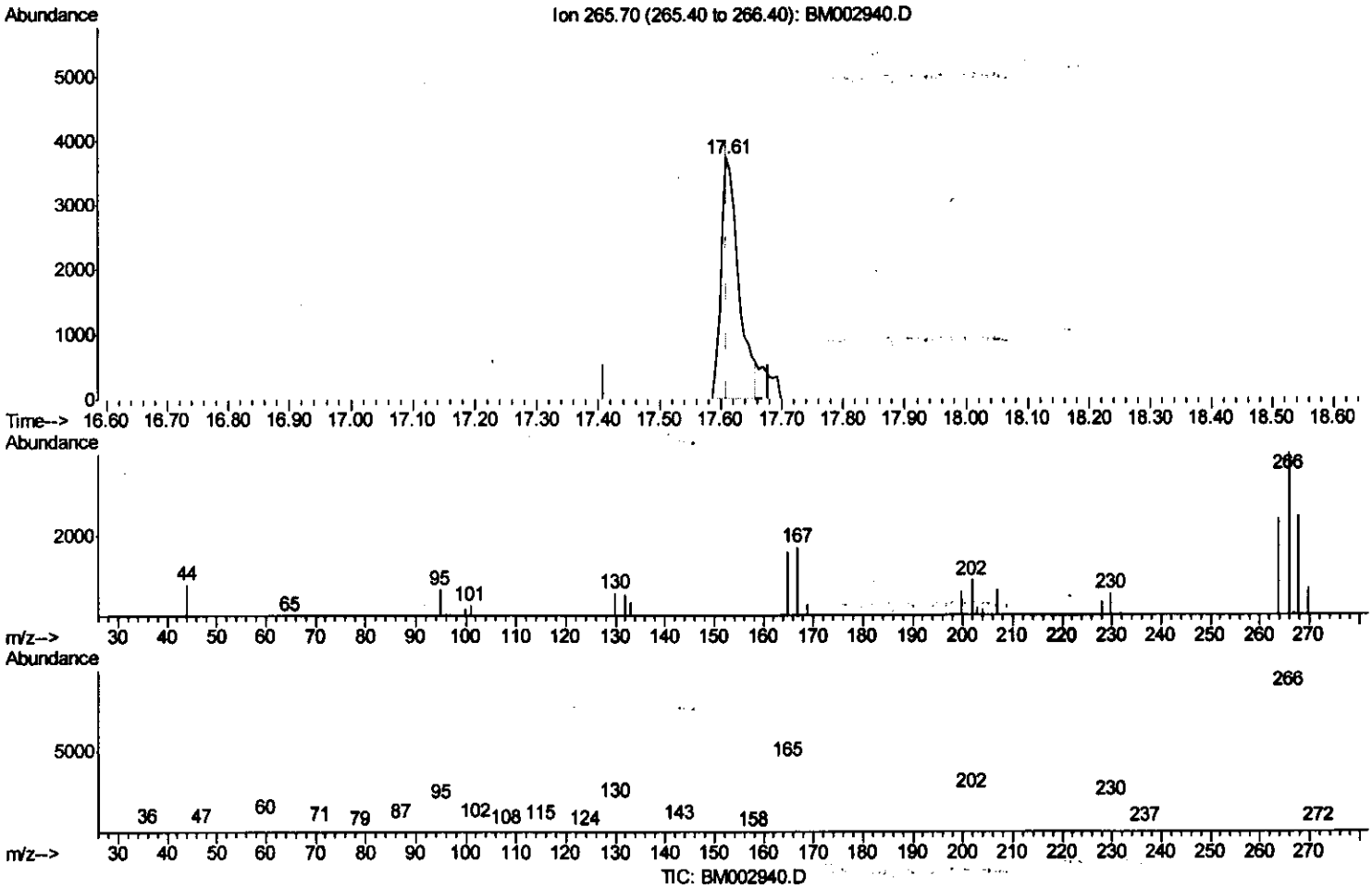

(69) Pentachlorophenol (C)

17.609min (-0.000) 3.37ng/ul

response 7475

Ion	Exp%	Act%
265.70	100	100
264.00	62.00	62.49
268.00	63.20	64.55
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTD01036
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 04:03:44 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102115.M
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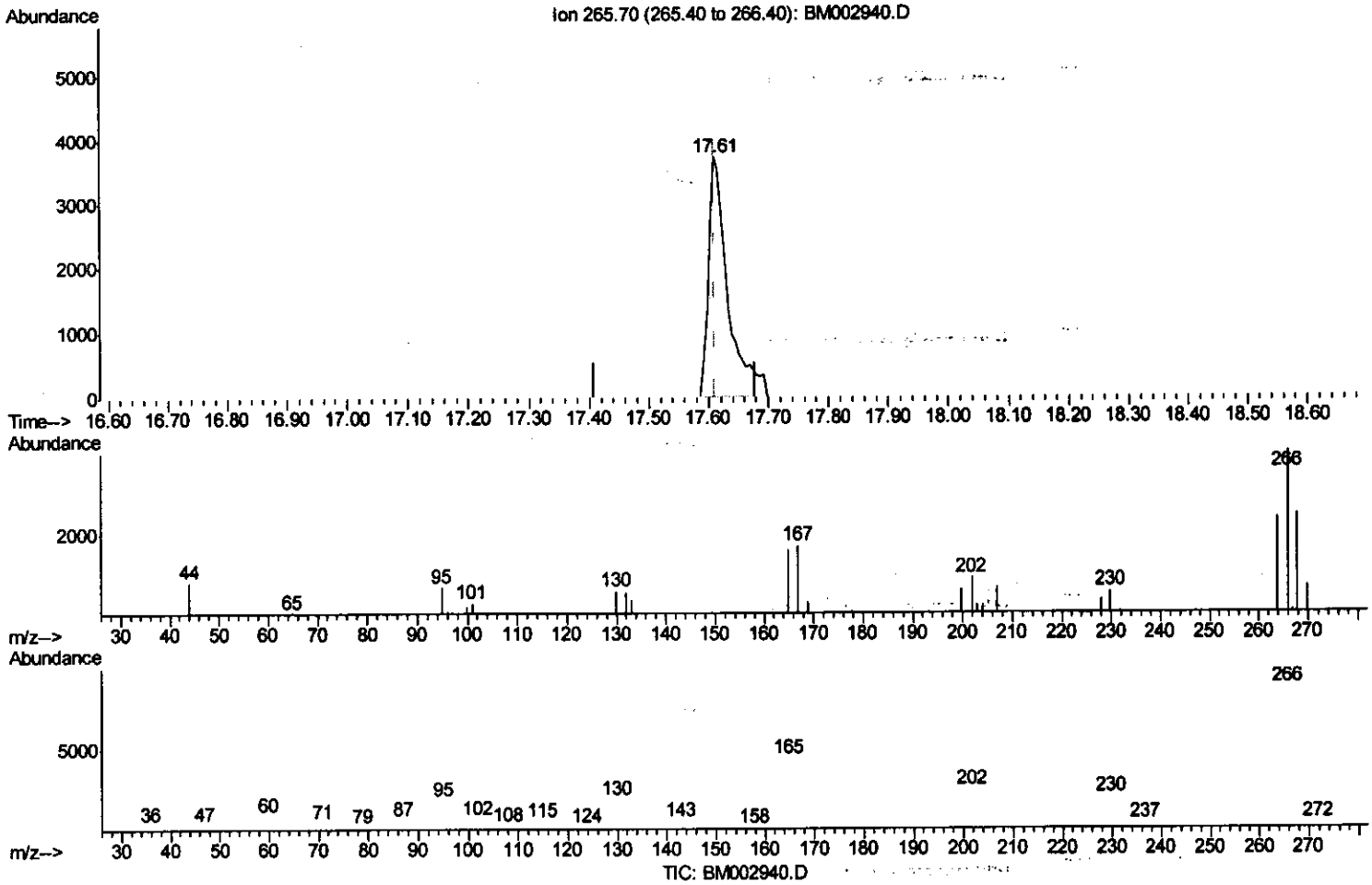

(69) Pentachlorophenol (C)

17.609min (-0.000) 3.75ng/ul m U.M

response 8316 10/23/15

Ion	Exp%	Act%
265.70	100	100
264.00	62.00	62.49
268.00	63.20	64.55
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	82236	20.00	ng/ul	0.00
18) Naphthalene-d8	11.50	136	389349	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.24	164	217274	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.95	188	462180	20.00	ng/ul	0.00
78) Chrysene-d12	22.03	240	448800	20.00	ng/ul	0.00
86) Perylene-d12	24.59	264	379520	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.73	96	7934	3.85	ng/uL	0.00
5) Phenol-d5	7.77	99	70572	9.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.94	67	40894	9.73	ng/ul	0.00
9) 2-Chlorophenol-d4	8.16	132	65435	9.38	ng/ul	0.00
13) 4-Methylphenol-d8	9.35	113	62763	9.90	ng/ul	0.00
19) Nitrobenzene-d5	9.85	128	30480	8.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.57	143	30917	8.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.12	165	60172m	9.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.63	131	89644	10.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.62	166	193669	9.90	ng/ul	0.00
47) Acenaphthylene-d8	14.94	160	245627	9.54	ng/ul	0.00
52) 4-Nitrophenol-d4	15.43	143	20714	6.33	ng/ul	0.00
58) Fluorene-d10	16.22	176	174037	10.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.35	200	17708	6.46	ng/ul	0.00
71) Anthracene-d10	18.05	188	250733	9.66	ng/ul	0.00
79) Pyrene-d10	20.28	212	252843	9.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.43	264	219744	9.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.77	88	8126	3.61	ng/uL	96
4) Benzaldehyde	7.77	77	40007	9.48	ng/ul	99
6) Phenol	7.80	94	74462	9.55	ng/ul	100
8) Bis(2-Chloroethyl)ether	8.04	93	60668	9.91	ng/ul	99
10) 2-Chlorophenol	8.20	128	67825	9.60	ng/ul	99
11) 2-Methylphenol	9.09	108	59445	9.74	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.17	45	84171	9.99	ng/ul	99
14) Acetophenone	9.49	105	97415	10.28	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.45	70	44505	9.95	ng/ul	99
16) 4-Methylphenol	9.42	108	67789	10.21	ng/ul	99
17) Hexachloroethane	9.75	117	23909	9.18	ng/ul	98
20) Nitrobenzene	9.89	77	63078	9.13	ng/ul	99
21) Isophorone	10.40	82	123690	9.28	ng/ul	100
23) 2-Nitrophenol	10.61	139	36960	9.05	ng/ul	96
24) 2,4-Dimethylphenol	10.64	107	71638	9.55	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.87	93	84637	9.68	ng/ul	99
27) 2,4-Dichlorophenol	11.15	162	61452	9.36	ng/ul	98
28) Naphthalene	11.55	128	228990	9.74	ng/ul	99
30) 4-Chloroaniline	11.66	127	95656m	11.42	ng/ul	
31) Hexachlorobutadiene	11.80	225	34990	9.27	ng/ul	99
32) Caprolactam	12.40	113	19140	9.02	ng/ul	94
33) 4-Chloro-3-methylphenol	12.74	107	65569	9.81	ng/ul	97
34) 2-Methylnaphthalene	13.11	142	165684	10.01	ng/ul	100

U.M 10/23/15

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	164943	10.23 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.47	216	74260	9.30 ng/ul	99
38) Hexachlorocyclopentadiene	13.43	237	2688	1.26 ng/ul#	94
39) 2,4,6-Trichlorophenol	13.70	196	41242	8.34 ng/ul	98
40) 2,4,5-Trichlorophenol	13.79	196	43875	8.25 ng/ul	99
41) 1,1'-Biphenyl	14.09	154	211675	9.65 ng/ul	99
42) 2-Chloronaphthalene	14.14	162	158560	9.48 ng/ul	100
43) 2-Nitroaniline	14.34	65	34347	8.50 ng/ul	98
45) Dimethylphthalate	14.67	163	195589	9.87 ng/ul	100
46) 2,6-Dinitrotoluene	14.82	165	37796	9.20 ng/ul	97
48) Acenaphthylene	14.97	152	263247	9.66 ng/ul	99
49) 3-Nitroaniline	15.15	138	40499	9.34 ng/ul	96
50) Acenaphthene	15.30	153	176176	9.77 ng/ul	99
51) 2,4-Dinitrophenol	15.40	184	4875m	3.62 ng/ul	
53) 4-Nitrophenol	15.45	109	12302	6.68 ng/ul	98
54) Dibenzofuran	15.63	168	242961	9.97 ng/ul	98
55) 2,4-Dinitrotoluene	15.60	165	55439	9.54 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.86	232	30701	7.87 ng/ul	97
57) Diethylphthalate	16.00	149	198911	9.96 ng/ul	99
59) Fluorene	16.27	166	203140	10.11 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.24	204	92776	10.04 ng/ul	98
61) 4-Nitroaniline	16.30	138	40260	8.77 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	16.36	198	19052	6.58 ng/ul#	97
65) N-Nitrosodiphenylamine	16.45	169	171723	9.53 ng/ul	99
66) 4-Bromophenyl-phenylether	17.13	248	52627	9.29 ng/ul	98
67) Hexachlorobenzene	17.26	284	57603	9.08 ng/ul	99
68) Atrazine	17.37	200	57909	9.48 ng/ul	98
69) Pentachlorophenol	17.61	266	8316m	3.75 ng/ul	
70) Phenanthrene	17.99	178	308192	9.75 ng/ul	99
72) Anthracene	18.09	178	314748	9.79 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.06	216	72229	8.81 ng/uL	99
74) Pentachlorobenzene	15.55	250	69679	9.12 ng/uL	98
75) Carbazole	18.35	167	278866	9.93 ng/ul	99
76) Di-n-butylphthalate	18.83	149	339683	9.46 ng/ul	100
77) Fluoranthene	19.96	202	328841	10.19 ng/ul	99
80) Pyrene	20.31	202	345894	9.66 ng/ul	99
81) Butylbenzylphthalate	21.11	149	143342	9.17 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.93	252	94300	9.68 ng/ul	99
83) Benzo(a)anthracene	22.01	228	307056	9.76 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.85	149	212208	9.37 ng/ul	99
85) Chrysene	22.07	228	293140	9.89 ng/ul	100
87) Di-n-octyl phthalate	22.81	149	340226	10.27 ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	270031	9.99 ng/ul	100
89) Benzo(k)fluoranthene	23.86	252	265980	10.14 ng/ul	100
91) Benzo(a)pyrene	24.48	252	252276	9.70 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.29	276	242839	8.23 ng/ul	99
93) Dibenzo(a,h)anthracene	27.28	278	200759	8.08 ng/ul	99
94) Benzo(g,h,i)perylene	28.14	276	198713	7.99 ng/ul	97

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

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