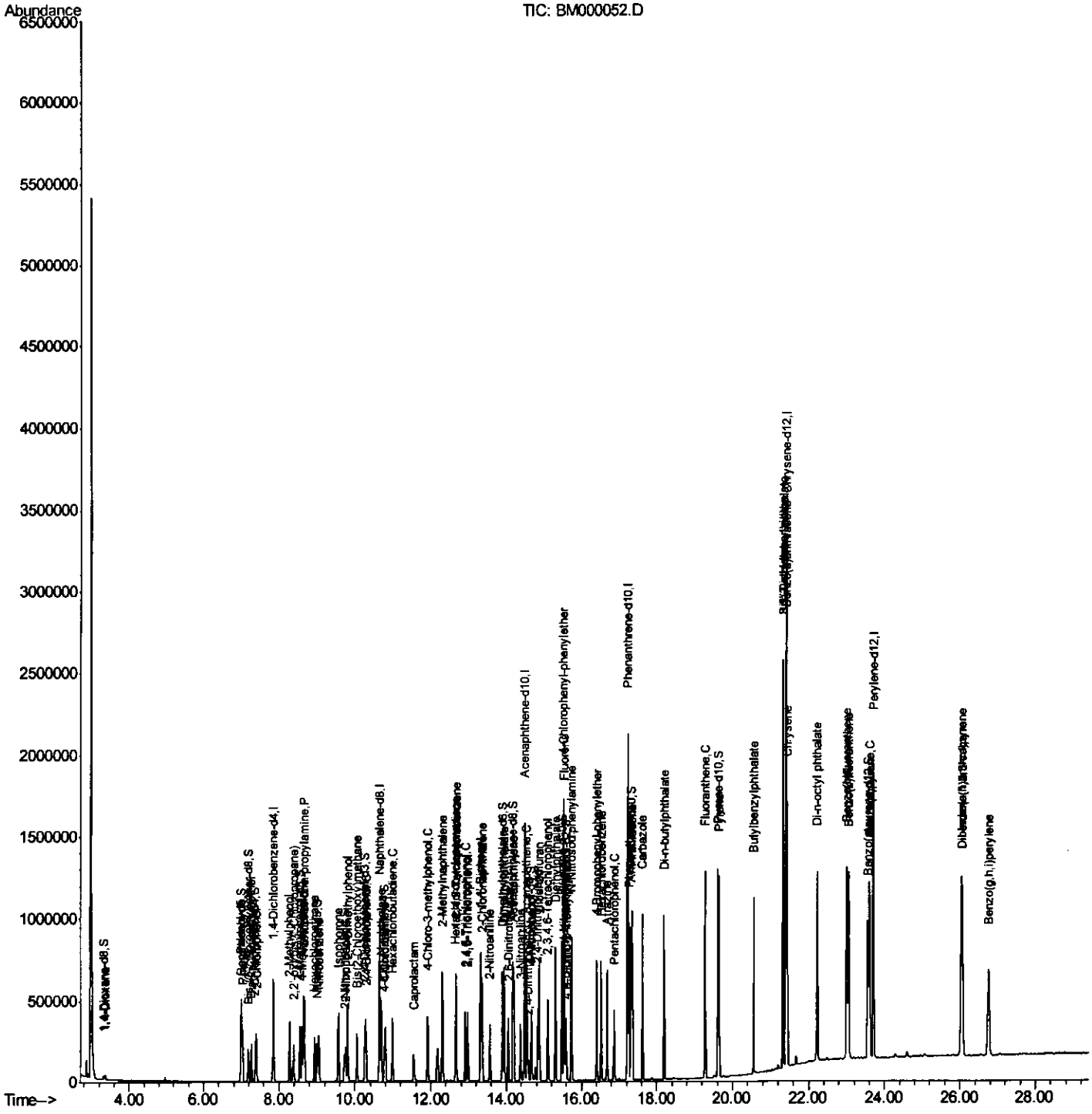
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000052.D
Acq On : 29 Dec 2014 10:34
Operator : TP
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 12:17:09 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration



Quantitation Report (Qedit)

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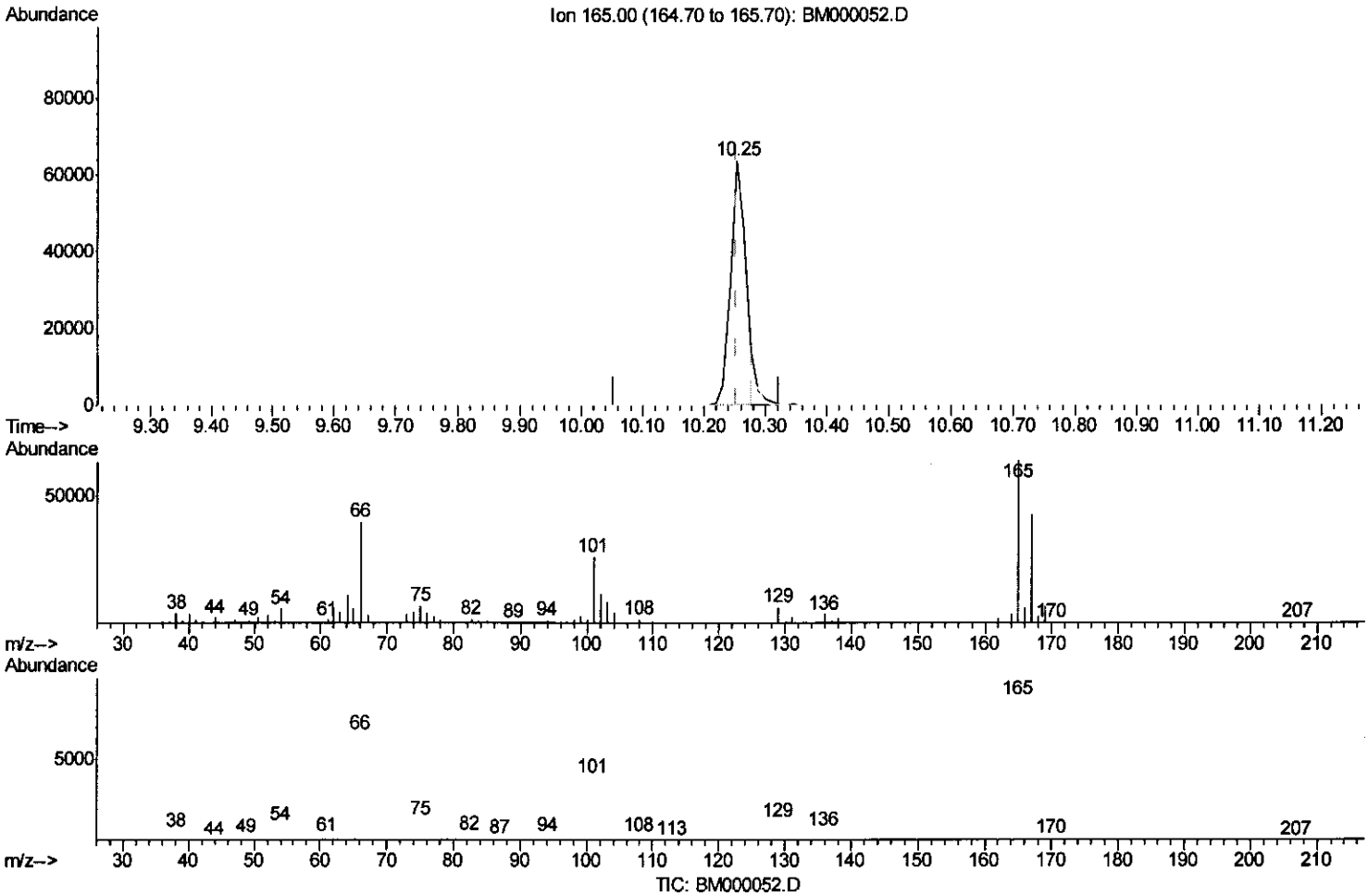
Data File : BM000052.D
Acq On : 29 Dec 2014 10:34
Operator : TP
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 12:14:13 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration



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

10.253min (-0.000) 10.40ng/ul

response 110415

Ion	Exp%	Act%
165.00	100	100
167.00	63.00	66.32
101.00	38.90	40.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
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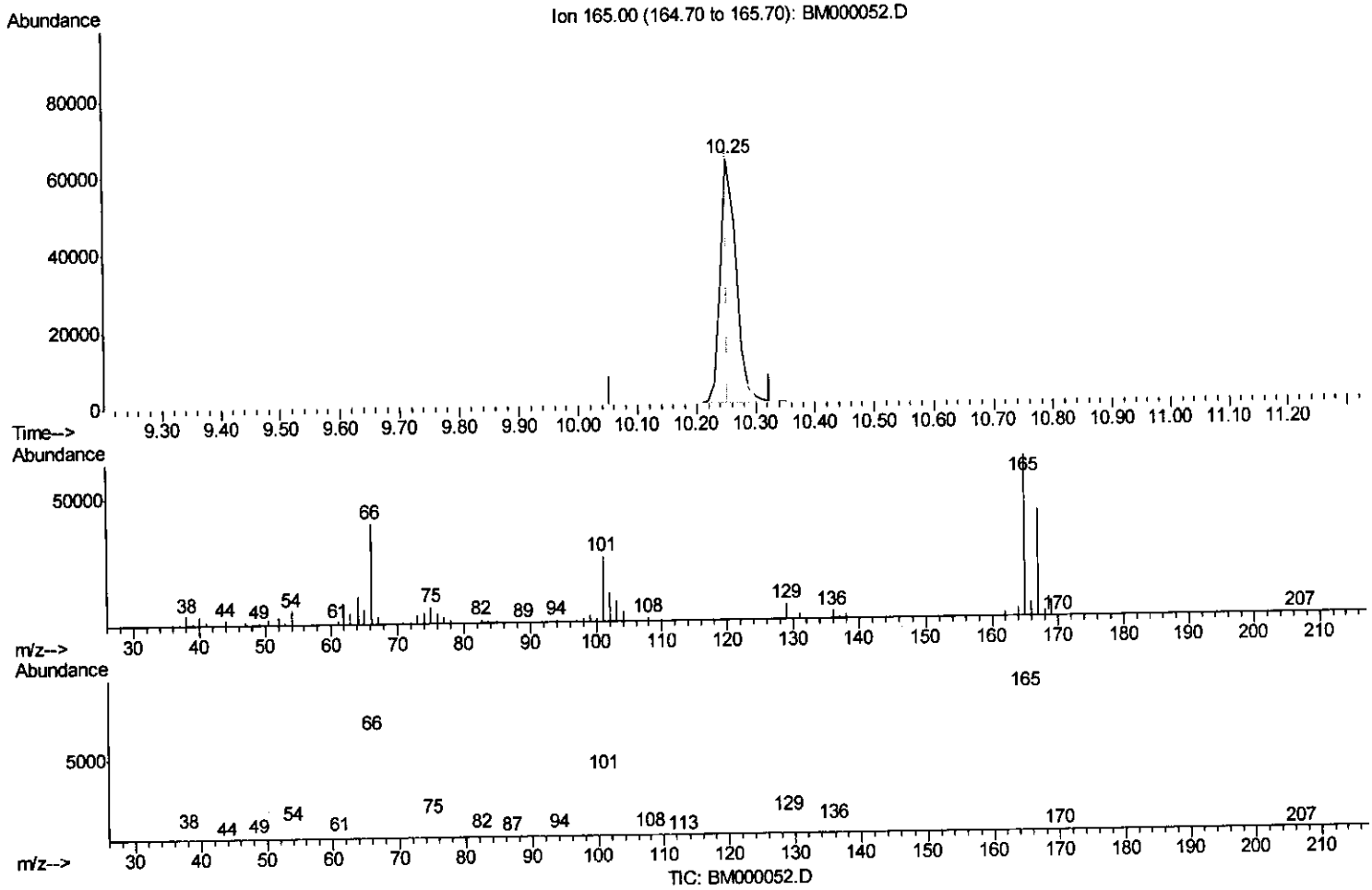

(26) 2,4-Dichlorophenol-d3 (S)

10.253min (-0.000) 10.85ng/ul m

response 115210

T.P
1/24/15

Ion	Exp%	Act%
165.00	100	100
167.00	63.00	66.32
101.00	38.90	40.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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QLast Update : Mon Dec 29 11:57:04 2014
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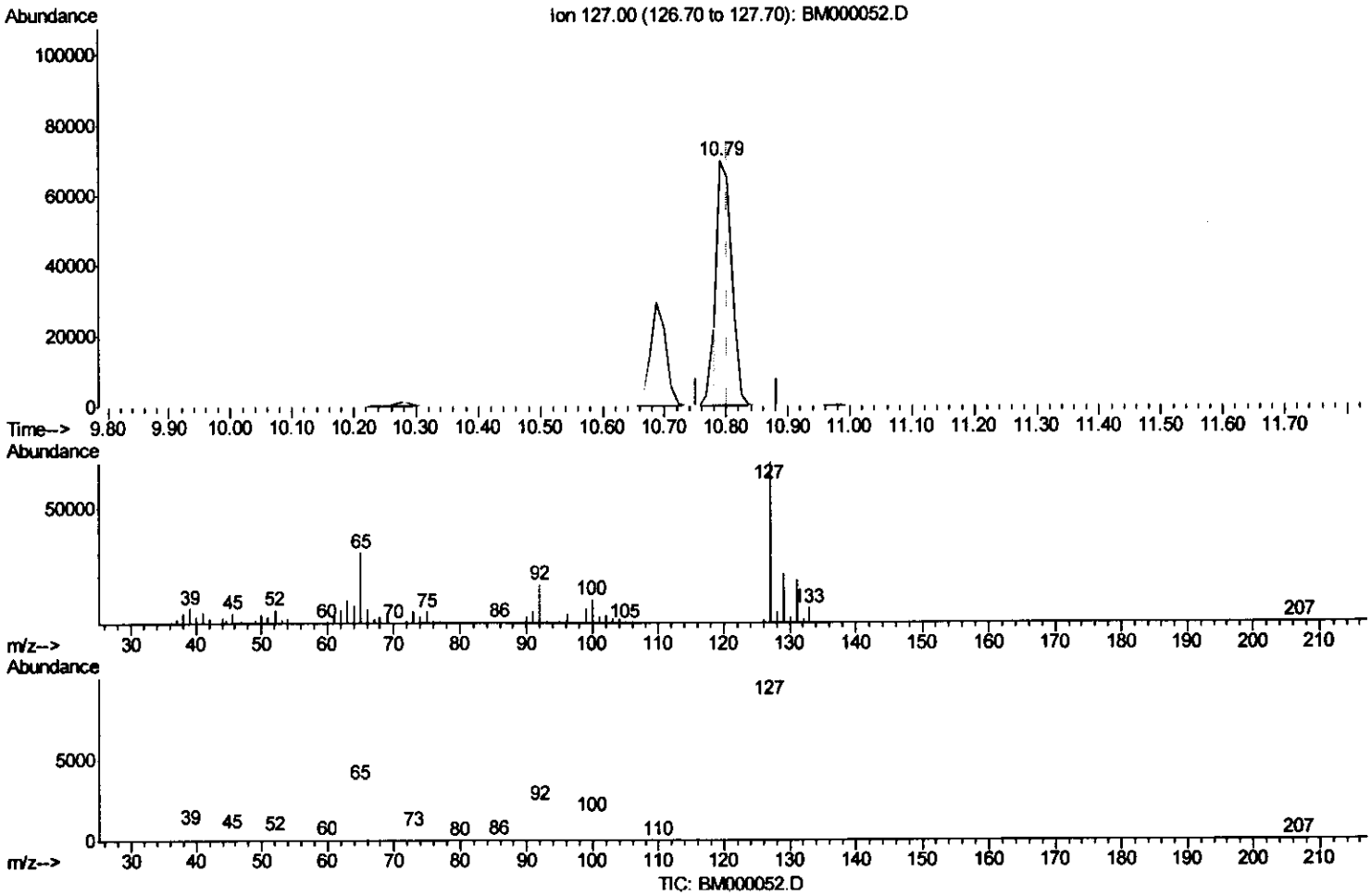

(30) 4-Chloroaniline

10.790min (-0.012) 10.88ng/ul

response 109699

Ion	Exp%	Act%
127.00	100	100
129.00	33.10	31.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000052.D
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Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 12:14:13 2014
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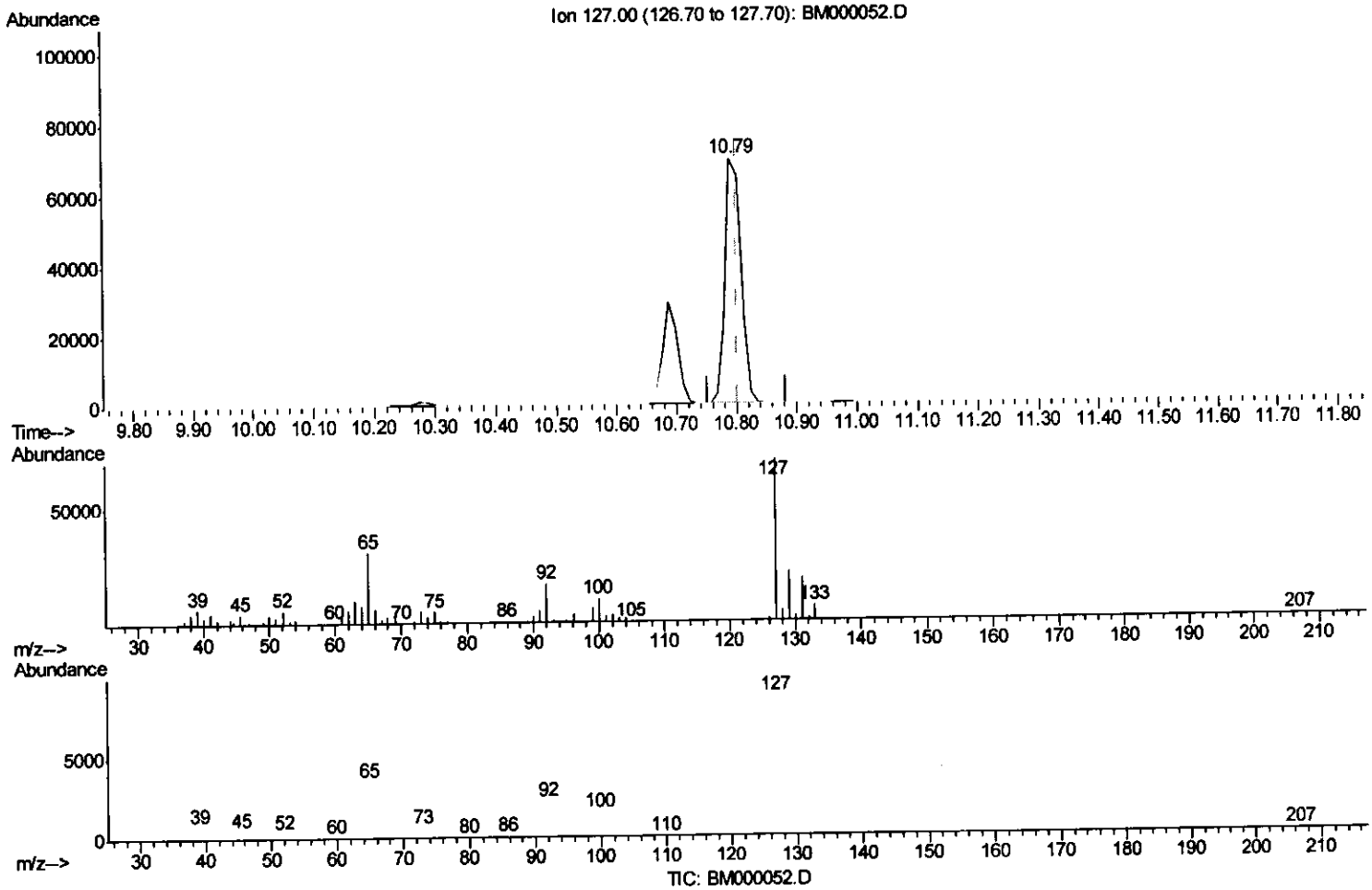
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration



(30) 4-Chloroaniline

10.790min (-0.012) 12.71ng/ul m

response 128141

T. P
1/24/15

Ion	Exp%	Act%
127.00	100	100
129.00	33.10	31.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000052.D
Acq On : 29 Dec 2014 10:34
Operator : TP
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 12:14:13 2014
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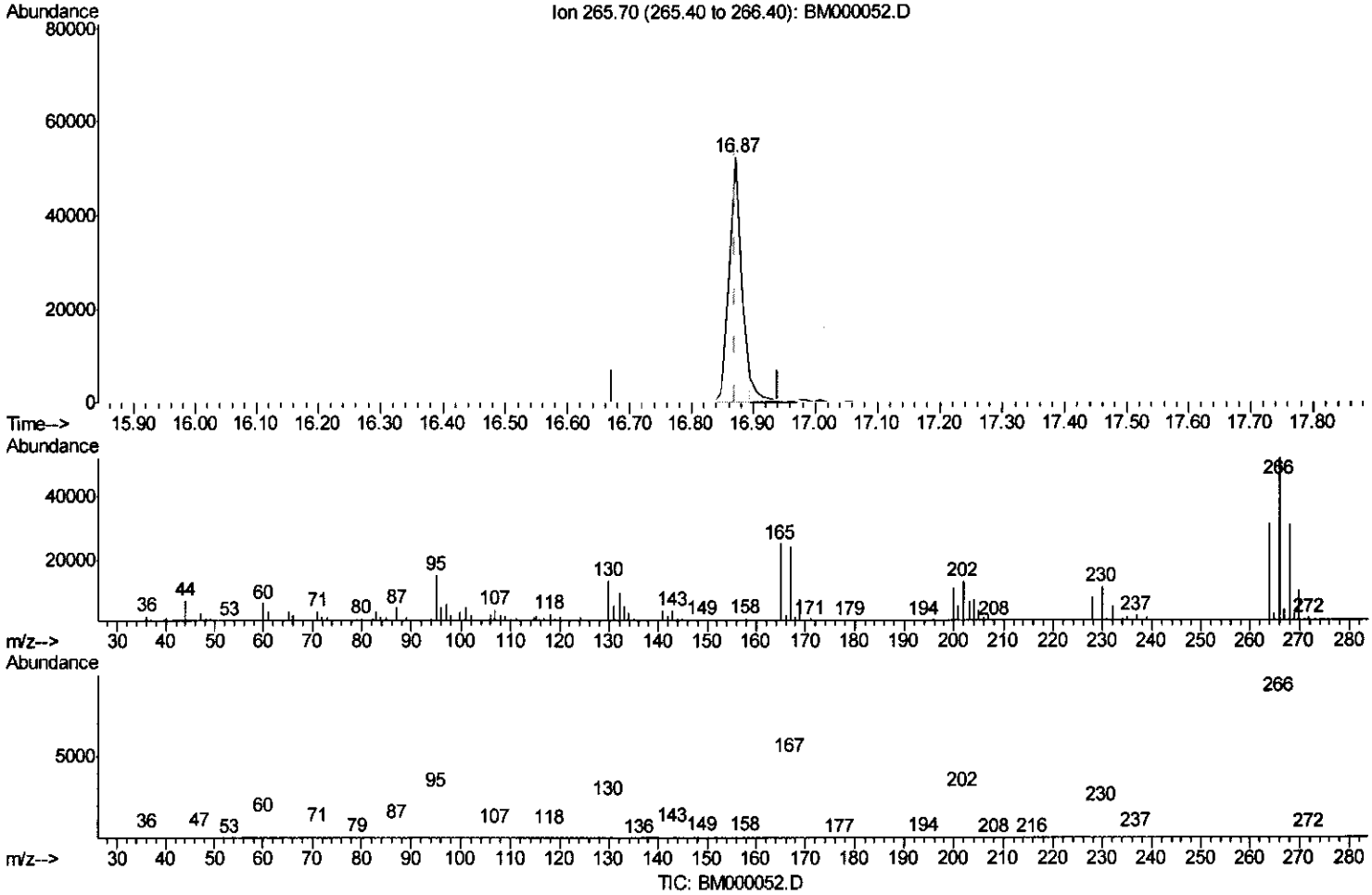

(68) Pentachlorophenol (C)

16.871min (-0.000) 9.10ng/ul

response 72874

Ion	Exp%	Act%
265.70	100	100
264.00	62.20	60.02
268.00	60.30	59.04
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : TP
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 12:14:13 2014
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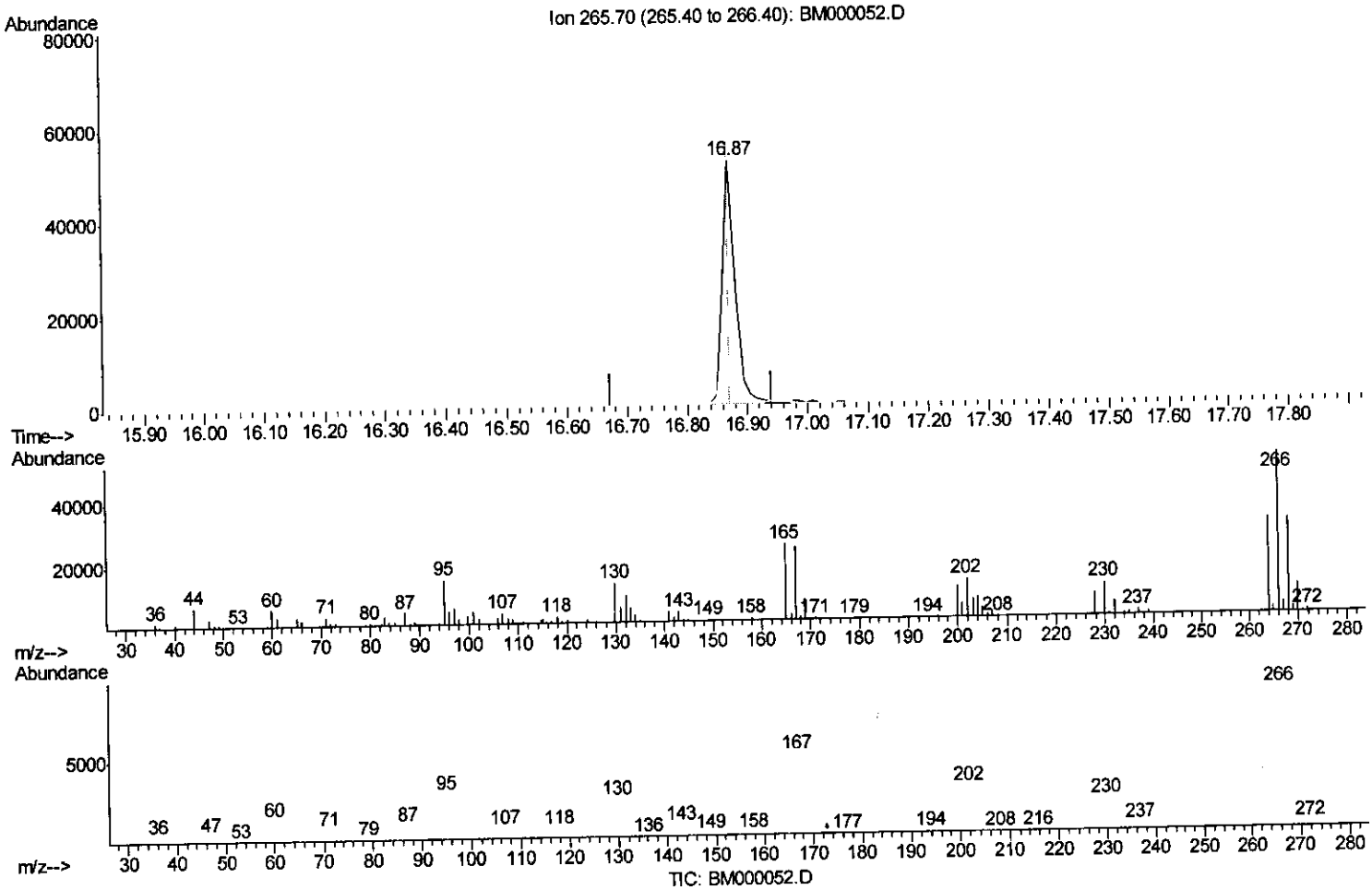
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration



(68) Pentachlorophenol (C)

16.871min (-0.000) 9.44ng/ul m

response 75568

Ion	Exp%	Act%
265.70	100	100
264.00	62.20	60.02
268.00	60.30	59.04
0.00	0.00	0.00

TP 1/24/15

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	165859	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	741595	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	541039	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1164187	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1438218	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1413756	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	11645	3.61	ng/uL	0.00
5) Phenol-d5	7.00	99	141058	10.24	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	91428	11.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	103516	10.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	114830	10.85	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	50101	11.06	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.73	143	47793	10.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	115210m	10.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	124462	13.34	ng/ul	-0.01
43) Dimethylphthalate-d6	13.89	166	409956	11.31	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	489595	11.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	58051	9.87	ng/ul	0.00
57) Fluorene-d10	15.48	176	355751	11.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	46645	9.44	ng/ul	-0.01
70) Anthracene-d10	17.32	188	558589	11.20	ng/ul	0.00
76) Pyrene-d10	19.61	212	638547	10.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	643321	10.82	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	16189	4.18	ng/uL	89
4) Benzaldehyde	6.98	77	107728	18.85	ng/ul	99
6) Phenol	7.03	94	149256	9.97	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.27	93	120340	10.61	ng/ul	99
10) 2-Chlorophenol	7.41	128	108446	10.09	ng/ul	98
11) 2-Methylphenol	8.28	108	115660	10.12	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.38	45	198400	10.81	ng/ul	99
14) Acetophenone	8.66	105	206571	11.39	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.65	70	107766	10.57	ng/ul	99
16) 4-Methylphenol	8.61	108	126806	10.24	ng/ul	99
17) Hexachloroethane	8.93	117	51105	10.91	ng/ul	93
20) Nitrobenzene	9.04	77	151480	10.85	ng/ul	99
21) Isophorone	9.57	82	300158	10.44	ng/ul	99
23) 2-Nitrophenol	9.75	139	53689	10.09	ng/ul#	93
24) 2,4-Dimethylphenol	9.81	107	158616	10.62	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	168991	10.37	ng/ul	98
27) 2,4-Dichlorophenol	10.29	162	115213	10.47	ng/ul	95
28) Naphthalene	10.69	128	385376	10.73	ng/ul	99
30) 4-Chloroaniline	10.79	127	128141m	12.71	ng/ul	
31) Hexachlorobutadiene	10.97	225	83222	10.98	ng/ul	98
32) Caprolactam	11.54	113	37465	9.54	ng/ul	91
33) 4-Chloro-3-methylphenol	11.91	107	145098	10.68	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	291494	10.82	ng/ul	98

T.P 1/24/15

T.P 1/24/15

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	153363	11.04 ng/ul#	96
37) Hexachlorocyclopentadiene	12.65	237	86828	9.39 ng/ul	98
38) 2,4,6-Trichlorophenol	12.90	196	92457	9.99 ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	105252	10.62 ng/ul	97
40) 1,1'-Biphenyl	13.32	154	398037	10.89 ng/ul	99
41) 2-Chloronaphthalene	13.35	162	304784	10.82 ng/ul	99
42) 2-Nitroaniline	13.56	65	89318	10.61 ng/ul	96
44) Dimethylphthalate	13.93	163	401842	10.68 ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	68315	10.82 ng/ul	95
47) Acenaphthylene	14.20	152	516075	10.86 ng/ul	99
48) 3-Nitroaniline	14.38	138	67067	10.92 ng/ul#	97
49) Acenaphthene	14.54	153	331855	10.79 ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	27517	8.79 ng/ul	87
52) 4-Nitrophenol	14.68	109	77987	10.59 ng/ul	97
53) Dibenzofuran	14.88	168	484993	11.09 ng/ul	98
54) 2,4-Dinitrotoluene	14.84	165	102645	11.10 ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.10	232	89136	10.27 ng/ul	98
56) Diethylphthalate	15.31	149	427497	10.65 ng/ul	99
58) Fluorene	15.53	166	405036	11.15 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	199222	11.45 ng/ul	98
60) 4-Nitroaniline	15.55	138	84442	10.67 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.60	198	47962	8.93 ng/ul	91
64) N-Nitrosodiphenylamine	15.74	169	346140	10.63 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	122288	10.70 ng/ul#	87
66) Hexachlorobenzene	16.53	284	140159	10.64 ng/ul	97
67) Atrazine	16.69	200	135196	14.63 ng/ul	99
68) Pentachlorophenol	16.87	266	75568m	9.44 ng/ul	
69) Phenanthrene	17.27	178	650679	10.64 ng/ul	99
71) Anthracene	17.35	178	680215	11.10 ng/ul	99
72) Carbazole	17.63	167	626743	11.16 ng/ul	99
73) Di-n-butylphthalate	18.20	149	727791	10.21 ng/ul	99
74) Fluoranthene	19.28	202	785043	11.38 ng/ul	99
77) Pyrene	19.65	202	837026	10.11 ng/ul	100
78) Butylbenzylphthalate	20.55	149	330238	9.17 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.33	252	249814	9.84 ng/ul	99
80) Benzo(a)anthracene	21.40	228	858756	10.91 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	500765	9.35 ng/ul	100
82) Chrysene	21.44	228	786968	10.94 ng/ul	99
84) Di-n-octyl phthalate	22.22	149	869146	9.05 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	850458	9.78 ng/ul#	99
86) Benzo(k)fluoranthene	23.05	252	830388	11.45 ng/ul	99
88) Benzo(a)pyrene	23.60	252	812051	10.70 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.05	276	871259	10.89 ng/ul	97
90) Dibenzo(a,h)anthracene	26.06	278	730295	10.89 ng/ul	99
91) Benzo(g,h,i)perylene	26.76	276	711558	10.87 ng/ul	98

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

TP 1/24/15