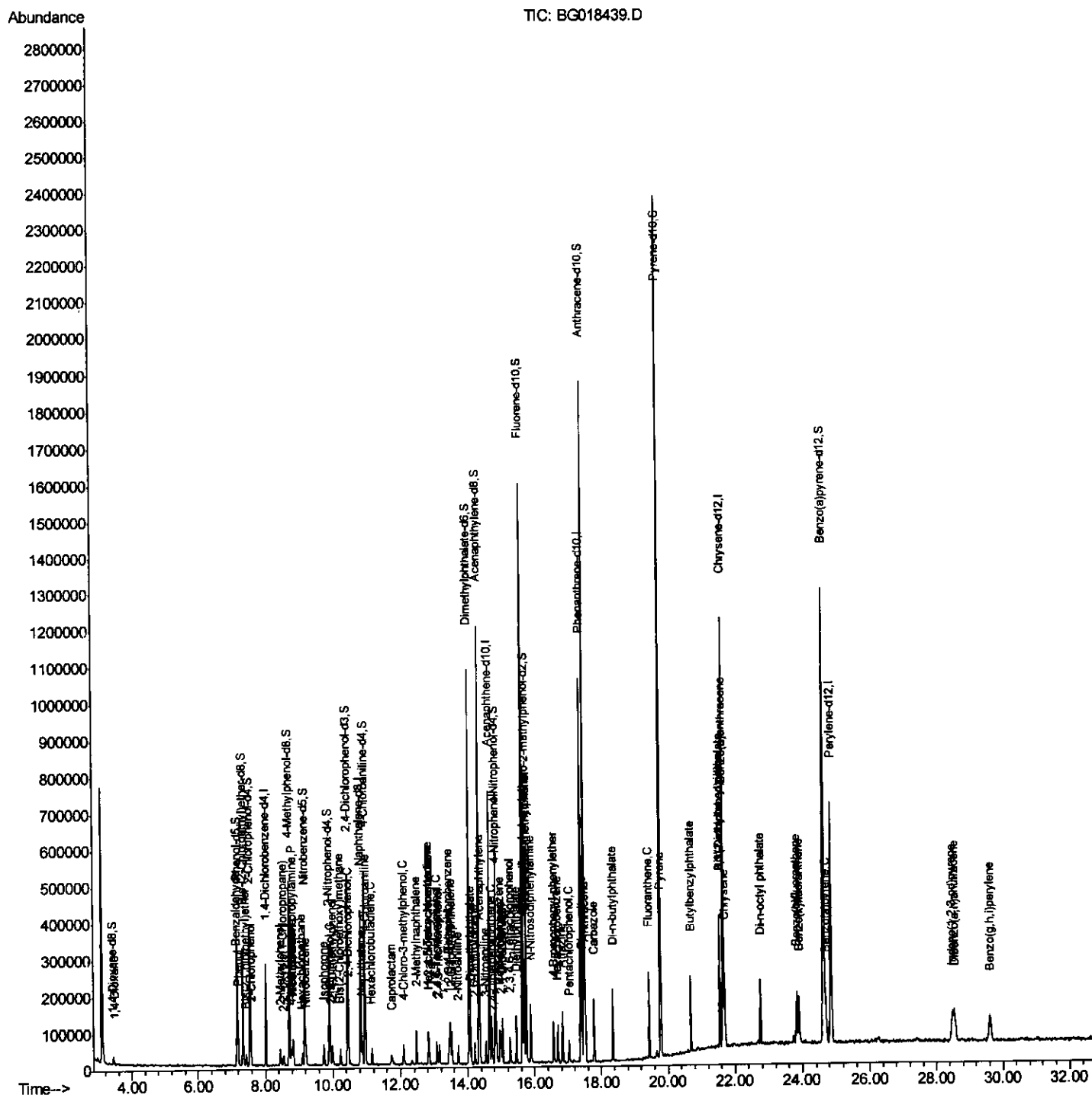


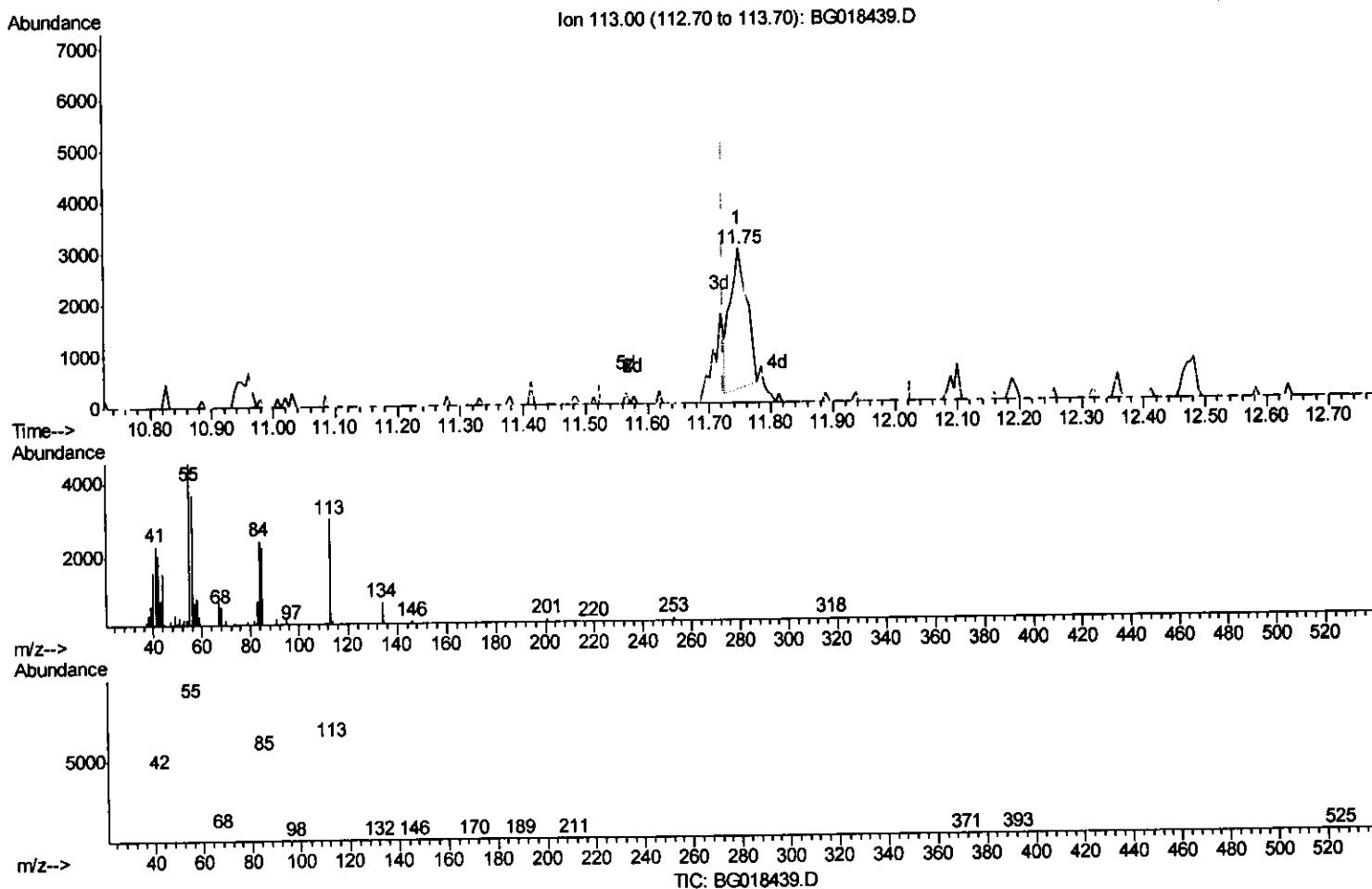
Quant Time: Aug 17 04:12:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 03:15:20 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
Data File : BG018439.D
Acq On : 14 Aug 2015 21:49
Operator : UM/MA
Sample : MDL-05-W
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 03:20:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 03:15:20 2015
Response via : Initial Calibration



(32) Caprolactam

11.748min (+0.023) 2.24ng/ul

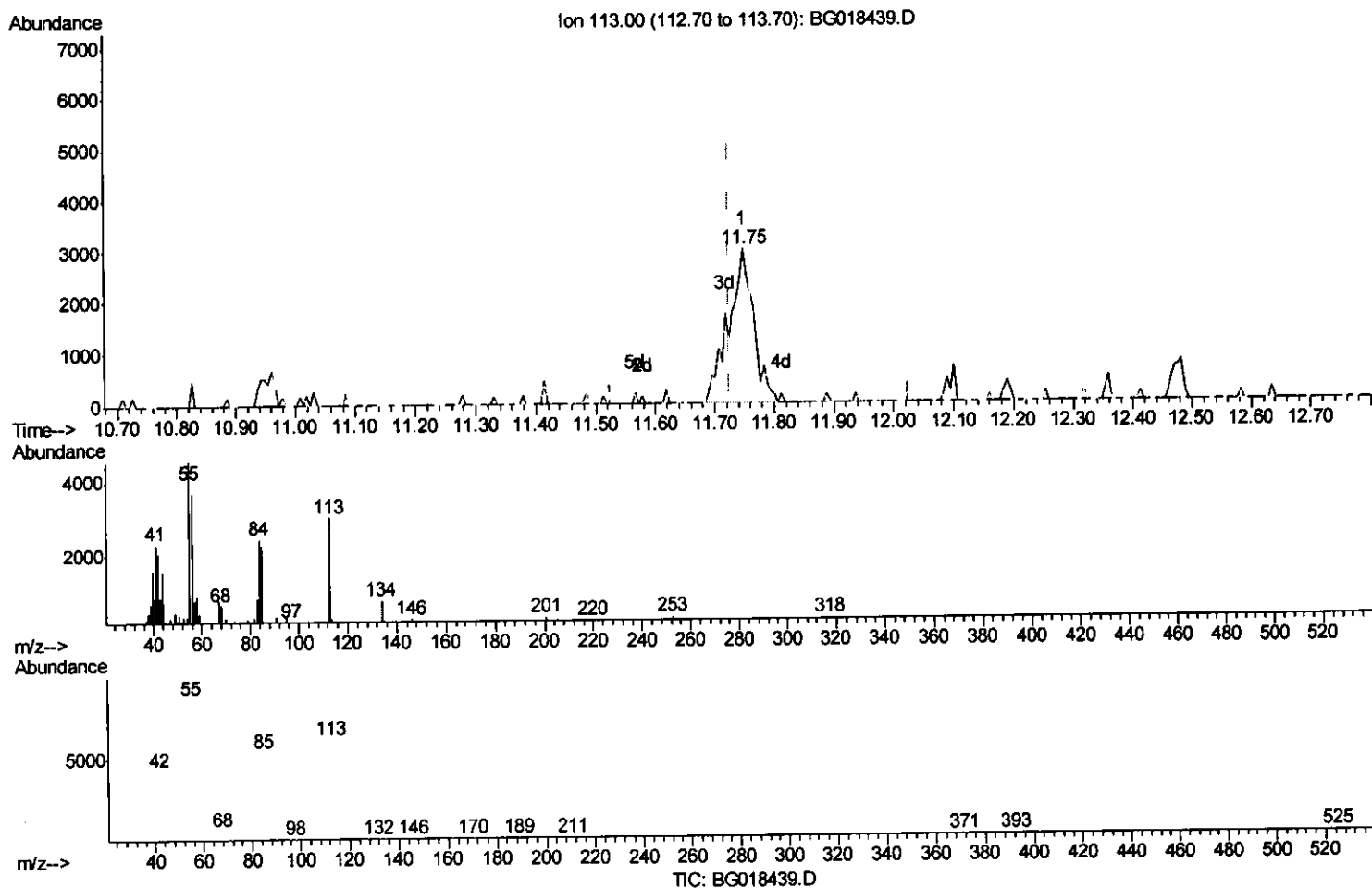
response 5131

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	139.60
56.00	122.80	112.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
Data File : BG018439.D
Acq On : 14 Aug 2015 21:49
Operator : UM/MA
Sample : MDL-05-W
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 03:20:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 03:15:20 2015
Response via : Initial Calibration



(32) Caprolactam

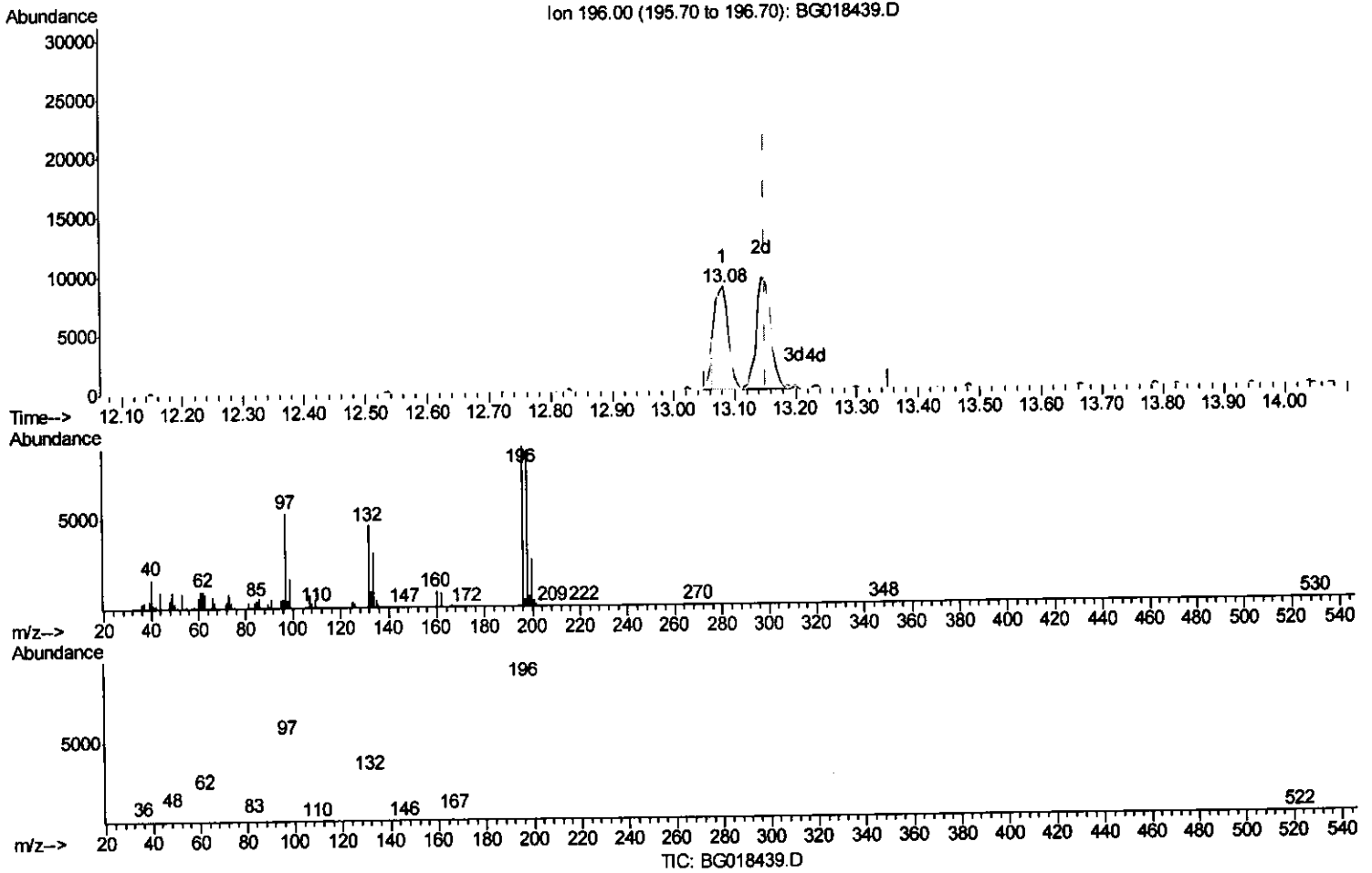
11.748min (+0.023) 3.80ng/ui m *U.M*
response 8710 *8/17/15*

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	151.43
56.00	122.80	122.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
 Data File : BG018439.D
 Acq On : 14 Aug 2015 21:49
 Operator : UM/MA
 Sample : MDL-05-W
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 03:20:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 03:15:20 2015
 Response via : Initial Calibration



(40) 2,4,5-Trichlorophenol

13.081min (-0.071) 2.27ng/ul

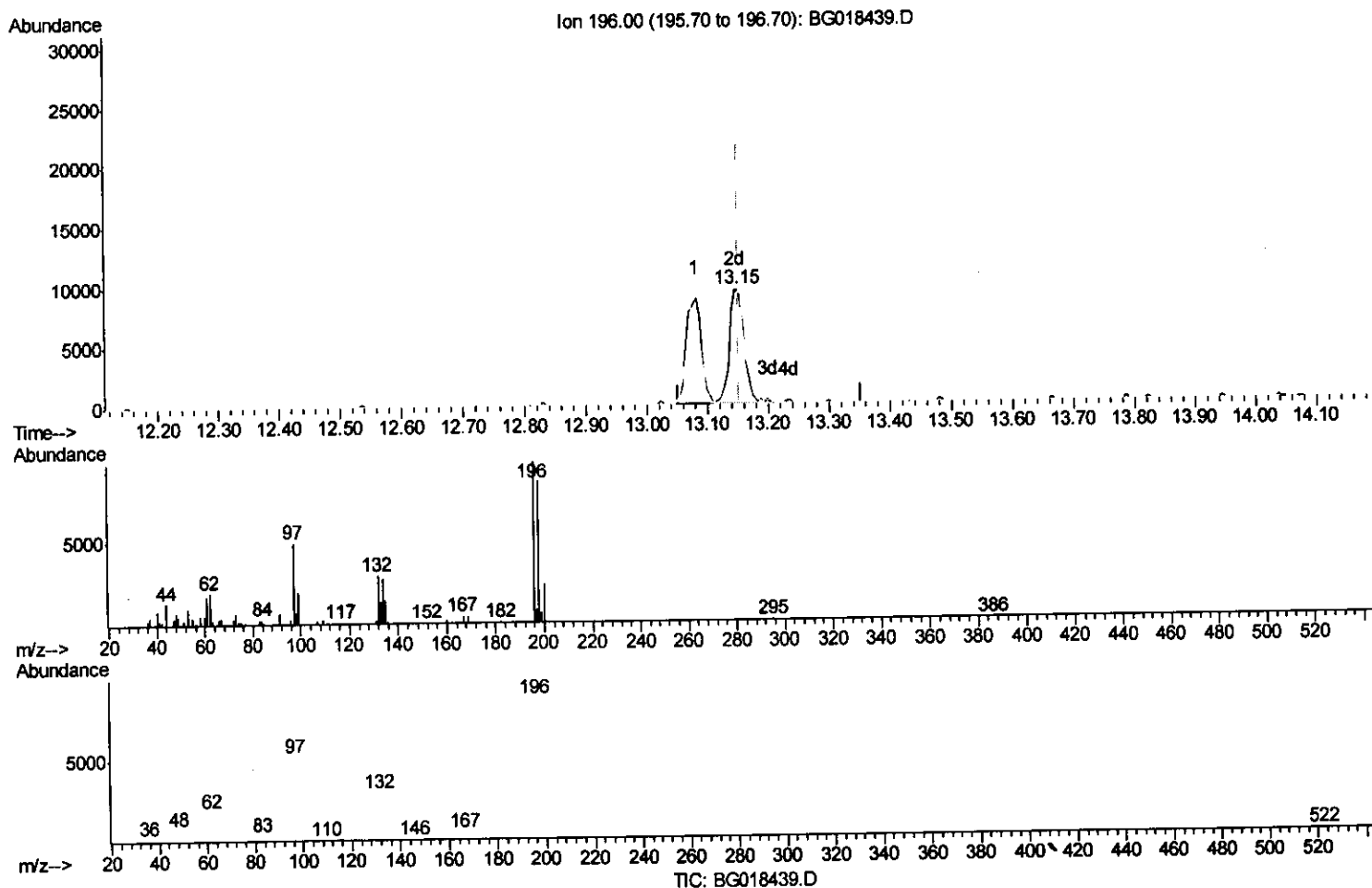
response 12840

Ion	Exp%	Act%
196.00	100	100
198.00	92.80	97.01
200.00	31.50	36.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
Data File : BG018439.D
Acq On : 14 Aug 2015 21:49
Operator : UM/MA
Sample : MDL-05-W
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 03:20:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 03:15:20 2015
Response via : Initial Calibration



(40) 2,4,5-Trichlorophenol

13.146min (-0.006) 2.81ng/ul m U.M

response 15871

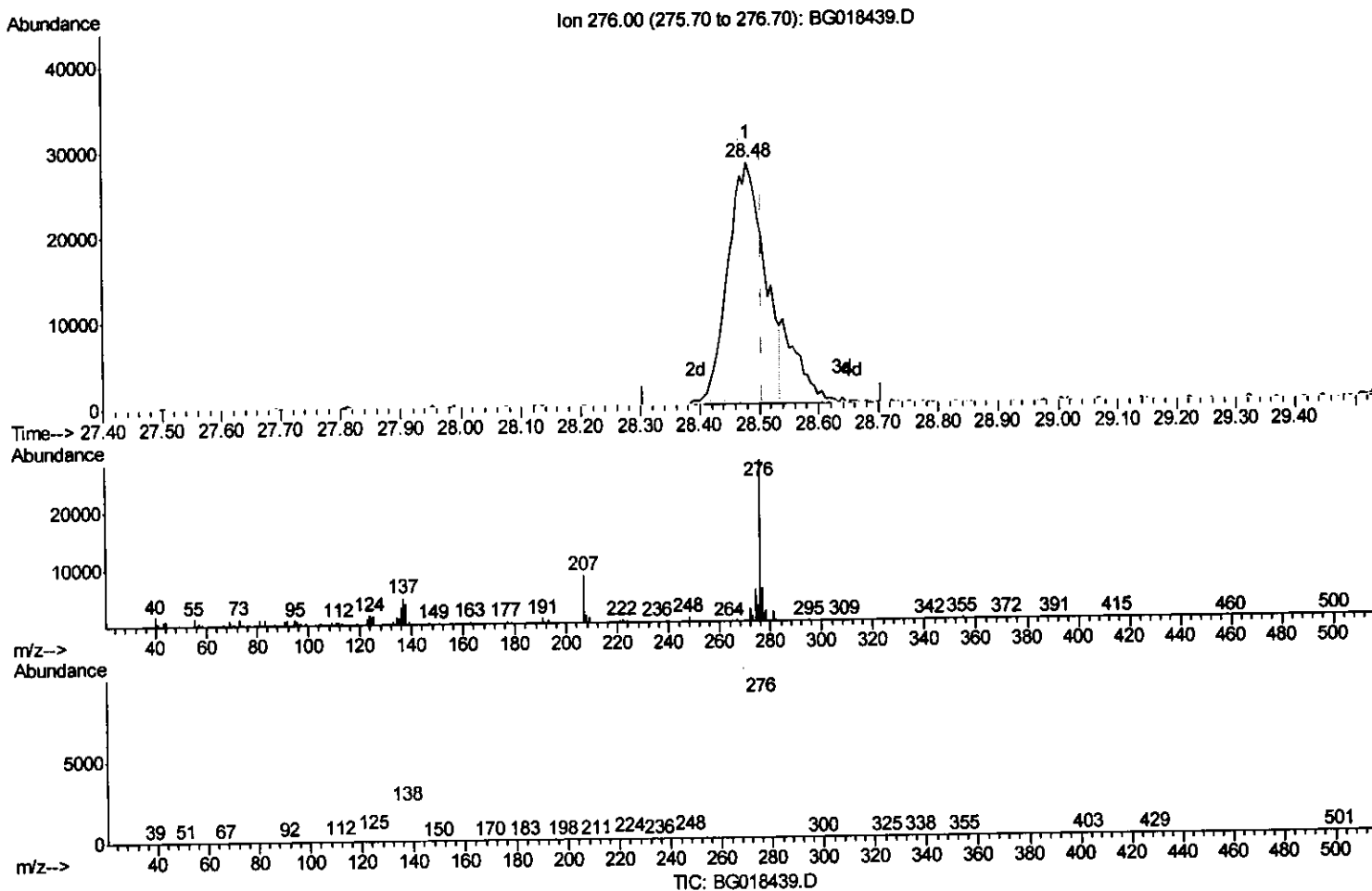
Ion	Exp%	Act%
196.00	100	100
198.00	92.80	87.89
200.00	31.50	24.94#
0.00	0.00	0.00

8/17/15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
Data File : BG018439.D
Acq On : 14 Aug 2015 21:49
Operator : UM/MA
Sample : MDL-05-W
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 03:20:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 03:15:20 2015
Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

28.481min (-0.024) 2.68ng/ul

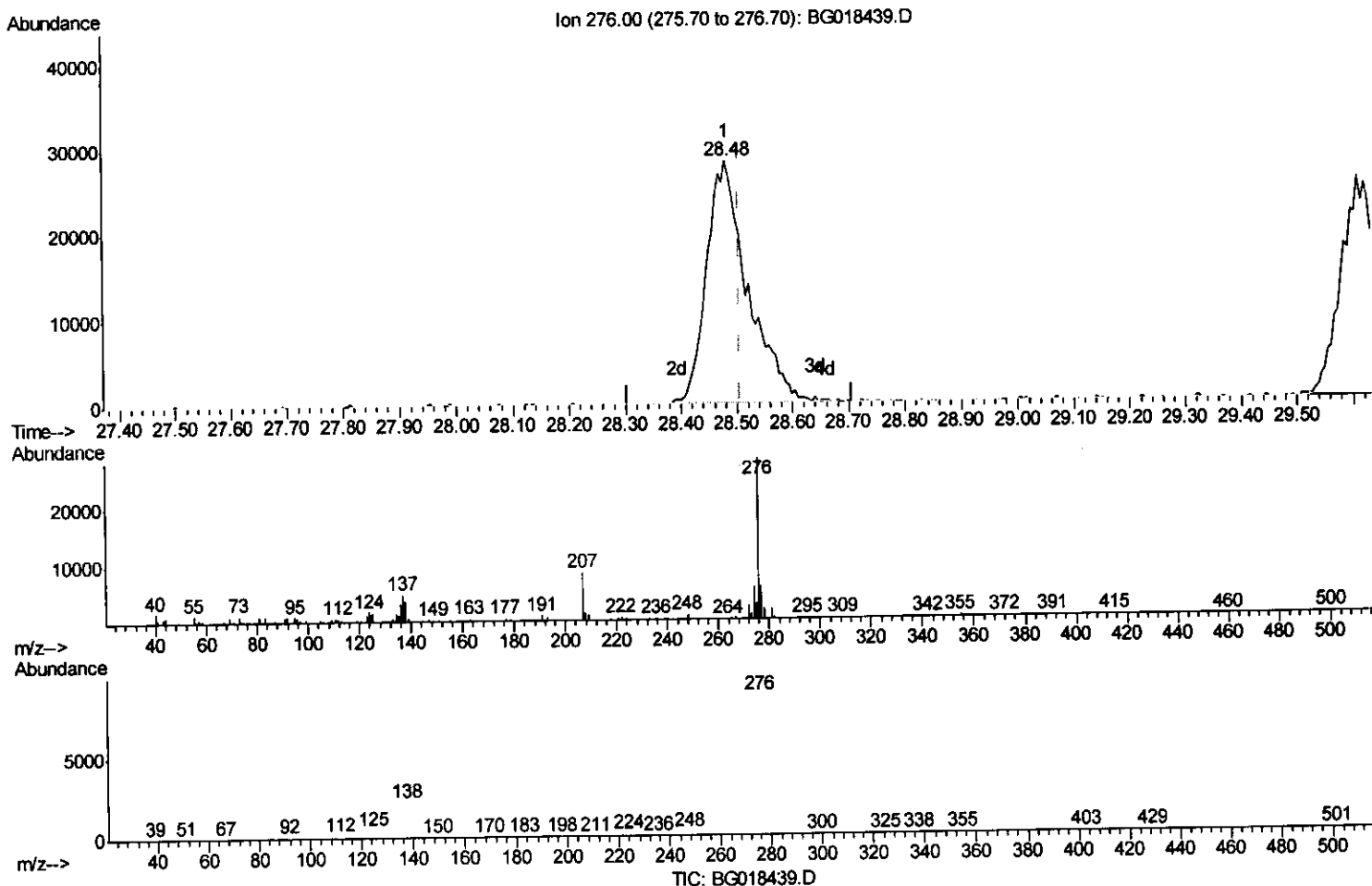
response 118676

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	13.34#
277.00	23.60	20.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
 Data File : BG018439.D
 Acq On : 14 Aug 2015 21:49
 Operator : UM/MA
 Sample : MDL-05-W
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 03:20:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 03:15:20 2015
 Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

28.481min (-0.024) 3.22ng/ul m

response 142203

Ion Exp% Act%

276.00 100 100

138.00 19.70 13.34#

277.00 23.60 20.99

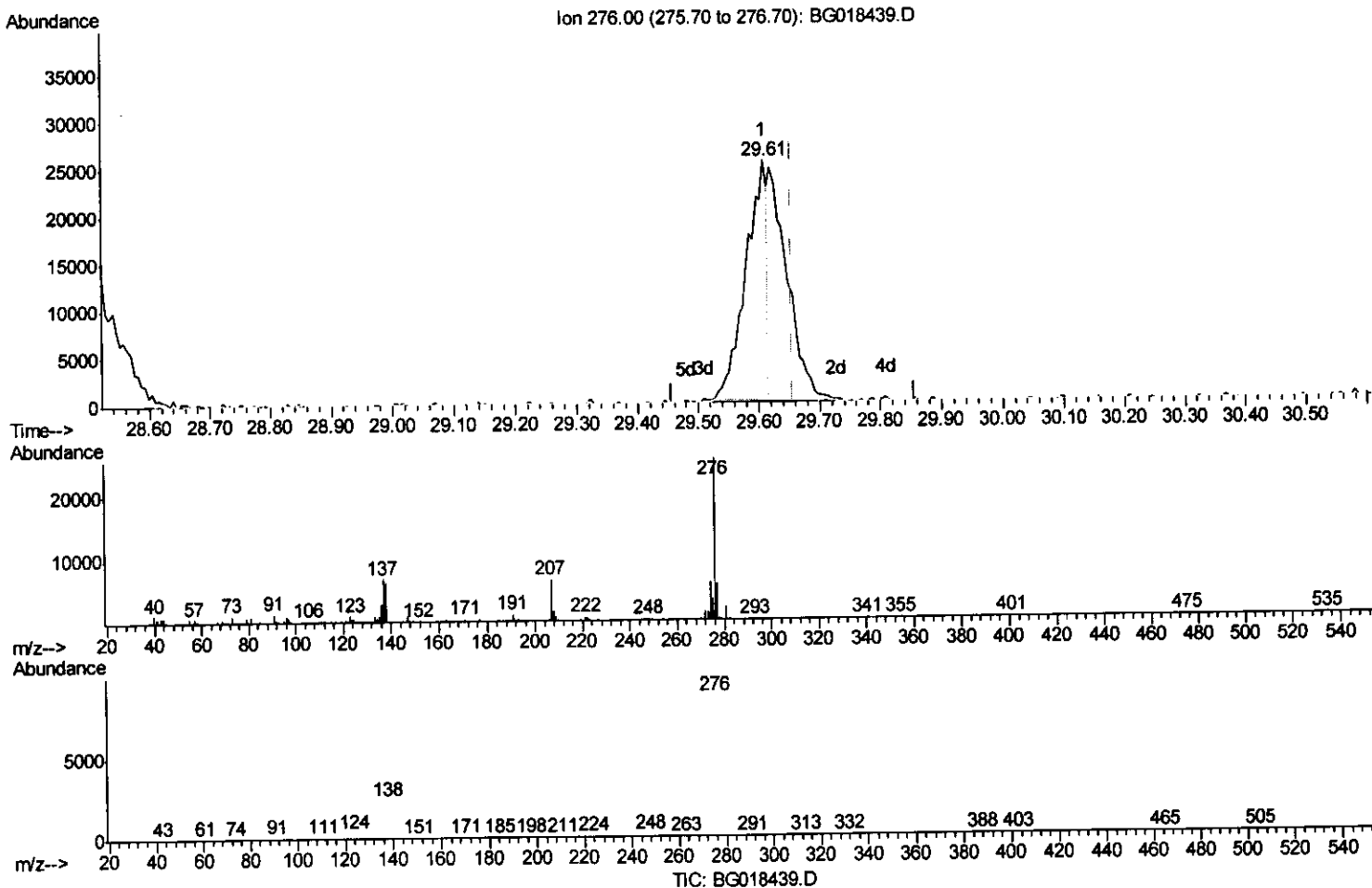
0.00 0.00 0.00

U.M
 8/17/15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
 Data File : BG018439.D
 Acq On : 14 Aug 2015 21:49
 Operator : UM/MA
 Sample : MDL-05-W
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 03:20:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 03:15:20 2015
 Response via : Initial Calibration



(94) Benzo(g,h,i)perylene

29.609min (-0.047) 1.68ng/ul

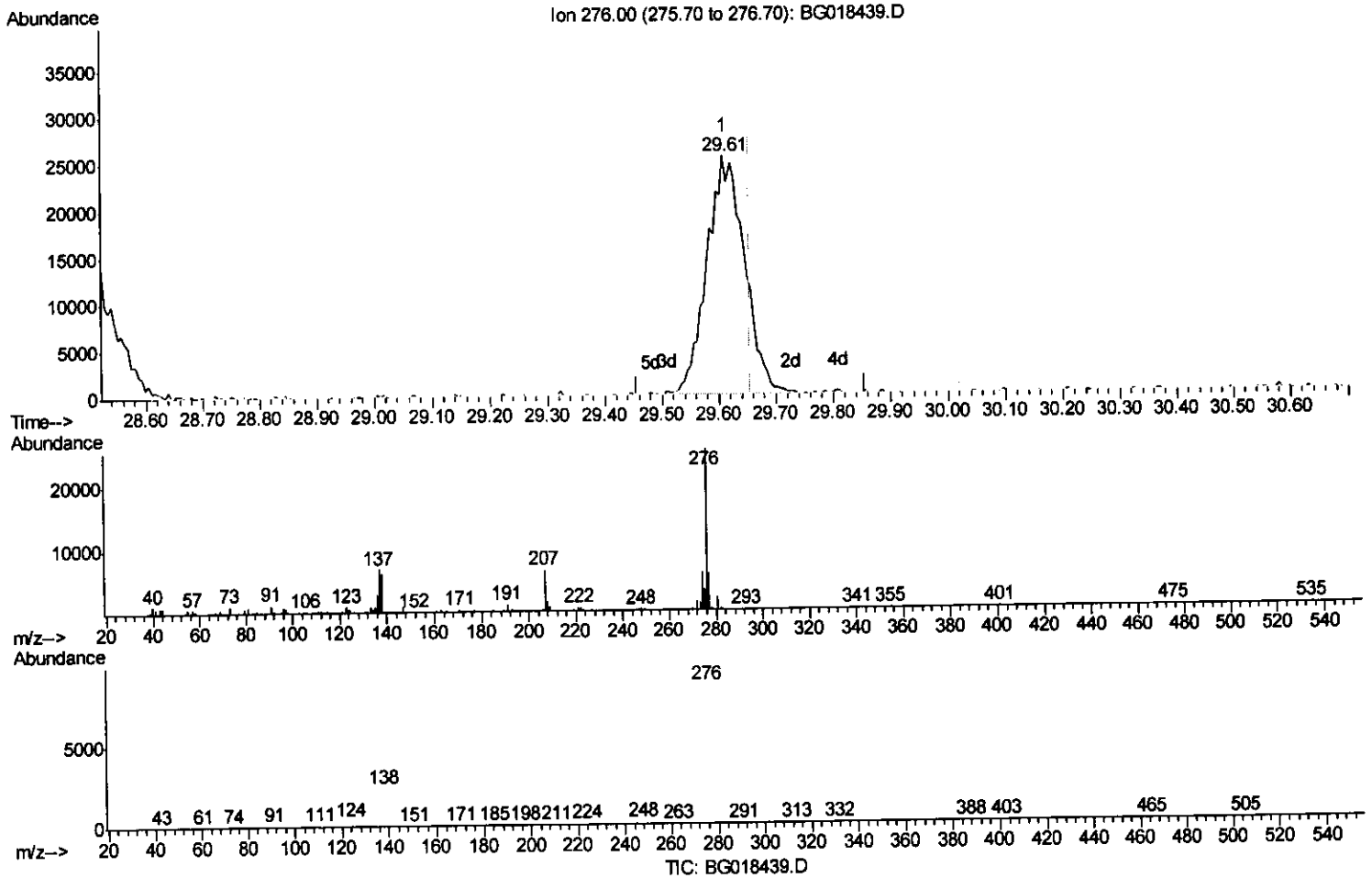
response 62280

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	24.50
277.00	23.80	23.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
 Data File : BG018439.D
 Acq On : 14 Aug 2015 21:49
 Operator : UM/MA
 Sample : MDL-05-W
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 03:20:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 03:15:20 2015
 Response via : Initial Calibration



(94) Benzo(g,h,i)perylene

29.609min (-0.047) 3.14ng/ul m

response 116596

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	24.50
277.00	23.80	23.21
0.00	0.00	0.00

U.M
 8/17/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
 Data File : BG018439.D
 Acq On : 14 Aug 2015 21:49
 Operator : UM/MA
 Sample : MDL-05-W
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 04:12:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 03:15:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	77968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	360772	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	240732	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	627798	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	656801	20.00	ng/ul	-0.01
86) Perylene-d12	24.85	264	639817	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	12715	7.21	ng/uL	0.00
5) Phenol-d5	7.17	99	243080	34.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	154703	35.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	181291	33.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	205523	34.57	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	99504	35.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	106277	37.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	199454	32.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	289878	42.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	725105	35.80	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	877971	34.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	145341	39.89	ng/ul	0.00
58) Fluorene-d10	15.64	176	633864	35.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	112515	36.44	ng/ul	0.00
71) Anthracene-d10	17.49	188	1067743	35.56	ng/ul	0.00
79) Pyrene-d10	19.77	212	1199517	35.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1240335	36.52	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.49	88	1451	0.77 ng/uL#	83
4) Benzaldehyde	7.15	77	16386	3.95 ng/ul	89
6) Phenol	7.20	94	21986	3.05 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.44	93	17865	3.22 ng/ul	90
10) 2-Chlorophenol	7.58	128	16870	3.05 ng/ul	92
11) 2-Methylphenol	8.46	108	16670	2.98 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.55	45	22876	2.57 ng/ul#	94
14) Acetophenone	8.83	105	29921	3.48 ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.82	70	15917	3.23 ng/ul#	89
16) 4-Methylphenol	8.78	108	18868	3.09 ng/ul	89
17) Hexachloroethane	9.10	117	7712	3.24 ng/ul	87
20) Nitrobenzene	9.22	77	22878	3.22 ng/ul#	95
21) Isophorone	9.74	82	45795	3.35 ng/ul#	95
23) 2-Nitrophenol	9.93	139	9713	3.05 ng/ul#	87
24) 2,4-Dimethylphenol	9.99	107	21018	2.95 ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.22	93	26308	3.09 ng/ul	94
27) 2,4-Dichlorophenol	10.47	162	18115	3.18 ng/ul	90
28) Naphthalene	10.87	128	59191	3.10 ng/ul#	96
30) 4-Chloroaniline	10.97	127	27169	3.89 ng/ul	92
31) Hexachlorobutadiene	11.15	225	11041	3.07 ng/ul#	85
32) Caprolactam	11.75	113	8710m	3.80 ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	19916	3.02 ng/ul	94
34) 2-Methylnaphthalene	12.48	142	44469	3.22 ng/ul	98

U.M.
8/17/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
 Data File : BG018439.D
 Acq On : 14 Aug 2015 21:49
 Operator : UM/MA
 Sample : MDL-05-W
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 04:12:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 03:15:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	23201	3.01	ng/ul#	94
38) Hexachlorocyclopentadiene	12.82	237	11722	2.55	ng/ul#	93
39) 2,4,6-Trichlorophenol	13.08	196	15084	2.87	ng/ul	97
40) 2,4,5-Trichlorophenol	13.15	196	15871m	2.81	ng/ul	100
41) 1,1'-Biphenyl	13.48	154	60056	2.99	ng/ul	98
42) 2-Chloronaphthalene	13.52	162	48806	3.13	ng/ul	90
43) 2-Nitroaniline	13.72	65	15214	3.02	ng/ul	98
45) Dimethylphthalate	14.09	163	67106	3.36	ng/ul	96
46) 2,6-Dinitrotoluene	14.21	165	13198	3.32	ng/ul#	96
48) Acenaphthylene	14.36	152	83419	3.26	ng/ul#	98
49) 3-Nitroaniline	14.53	138	14236	3.51	ng/ul	97
50) Acenaphthene	14.71	153	56687	3.16	ng/ul	87
51) 2,4-Dinitrophenol	14.74	184	4882	2.52	ng/ul	89
53) 4-Nitrophenol	14.84	109	10786	3.41	ng/ul	94
54) Dibenzofuran	15.04	168	81600	3.48	ng/ul	90
55) 2,4-Dinitrotoluene	15.00	165	19649	3.46	ng/ul	78
56) 2,3,4,6-Tetrachlorophenol	15.27	232	15261	3.10	ng/ul#	94
57) Diethylphthalate	15.46	149	72632	3.42	ng/ul	86
59) Fluorene	15.69	166	71035	3.52	ng/ul	88
60) 4-Chlorophenyl-phenylether	15.68	204	31961	3.35	ng/ul#	90
61) 4-Nitroaniline	15.70	138	17170	3.83	ng/ul	80
64) 4,6-Dinitro-2-methylphenol	15.76	198	11144	3.38	ng/ul#	98
65) N-Nitrosodiphenylamine	15.89	169	57649	3.05	ng/ul	93
66) 4-Bromophenyl-phenylether	16.58	248	20244	2.98	ng/ul	97
67) Hexachlorobenzene	16.69	284	22889	3.19	ng/ul	87
68) Atrazine	16.84	200	24402	3.45	ng/ul#	97
69) Pentachlorophenol	17.04	266	11063	2.30	ng/ul	95
70) Phenanthrene	17.43	178	115069	3.38	ng/ul	96
72) Anthracene	17.52	178	117728	3.39	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	21022	2.42	ng/uL	96
74) Pentachlorobenzene	14.96	250	22773	2.75	ng/uL	98
75) Carbazole	17.78	167	114147	3.75	ng/ul	99
76) Di-n-butylphthalate	18.35	149	142603	3.59	ng/ul	99
77) Fluoranthene	19.43	202	145544	4.00	ng/ul	98
80) Pyrene	19.80	202	149493	3.37	ng/ul	96
81) Butylbenzylphthalate	20.68	149	60980	3.25	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.54	252	49510	3.63	ng/ul	97
83) Benzo(a)anthracene	21.62	228	137768	3.38	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	89263	3.36	ng/ul	95
85) Chrysene	21.69	228	127433	3.35	ng/ul	92
87) Di-n-octyl phthalate	22.75	149	156709	3.80	ng/ul	97
88) Benzo(b)fluoranthene	23.82	252	129015	3.21	ng/ul#	98
89) Benzo(k)fluoranthene	23.90	252	129467	3.34	ng/ul	98
91) Benzo(a)pyrene	24.70	252	127989	3.35	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.48	276	142203m	3.22	ng/ul	98
93) Dibenzo(a,h)anthracene	28.55	278	110072	3.00	ng/ul	98
94) Benzo(g,h,i)perylene	29.61	276	116596m	3.14	ng/ul	98

U.M
8/17/15

U.M
8/17/15

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