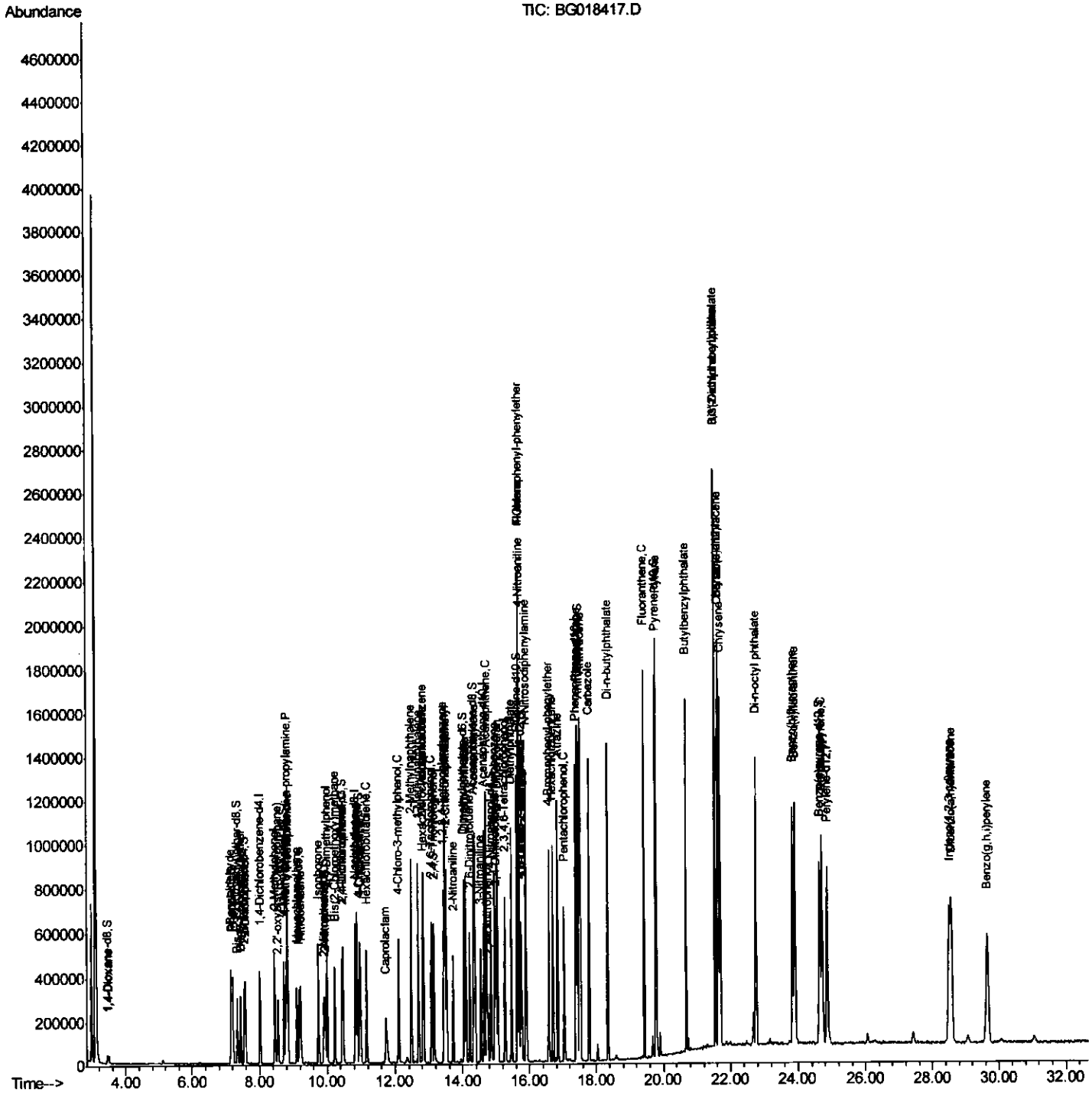
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
Data File : BG018417.D
Acq On : 13 Aug 2015 3:27
Operator : UM/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 04:54:29 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 04:07:48 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

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Quant Time: Aug 13 04:52:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 04:07:48 2015
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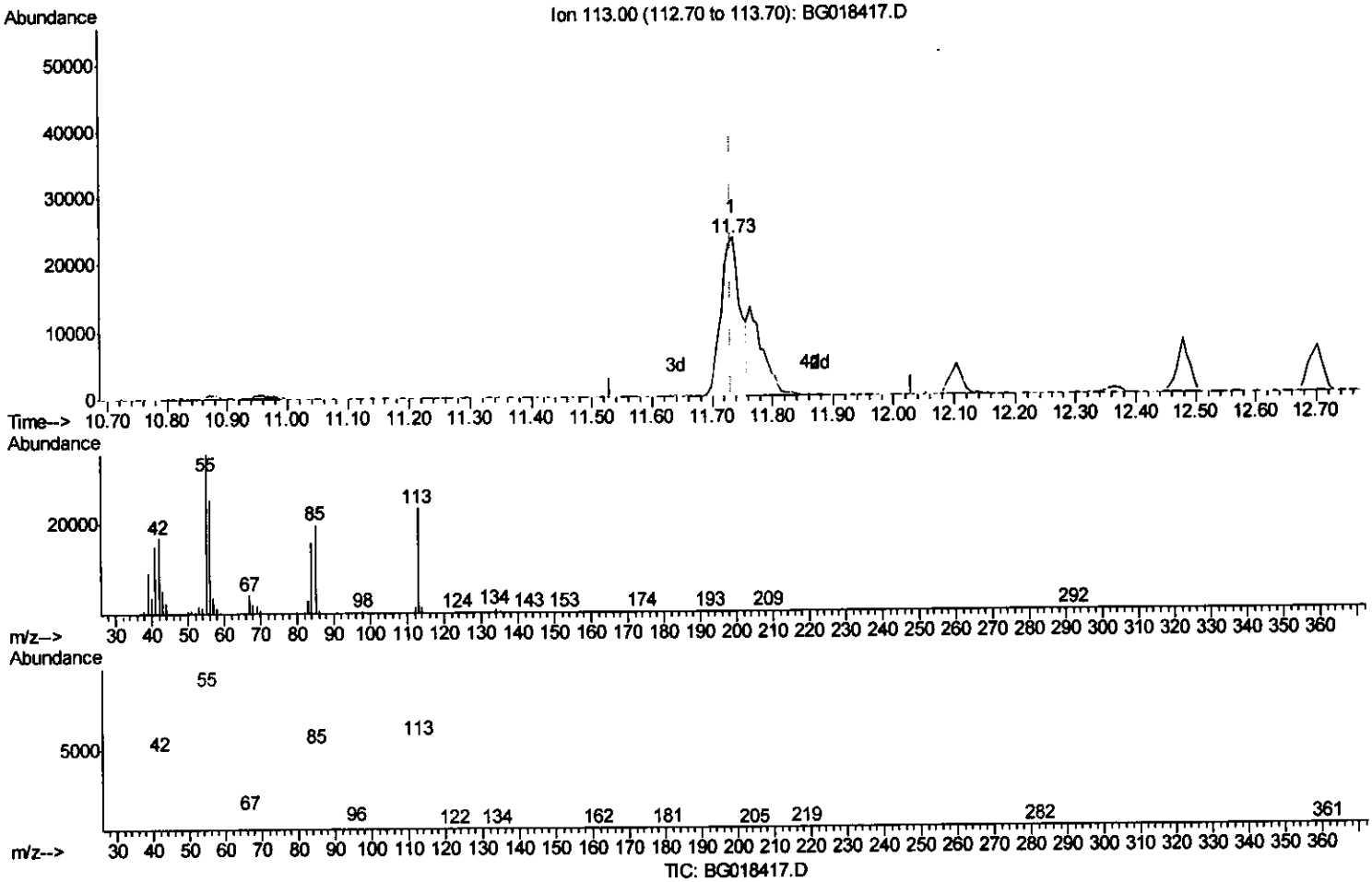

TIC: BG018417.D

(32) Caprolactam

11.733min (+0.003) 15.40ng/ul

response 52591

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	151.81
56.00	122.80	108.34
0.00	0.00	0.00

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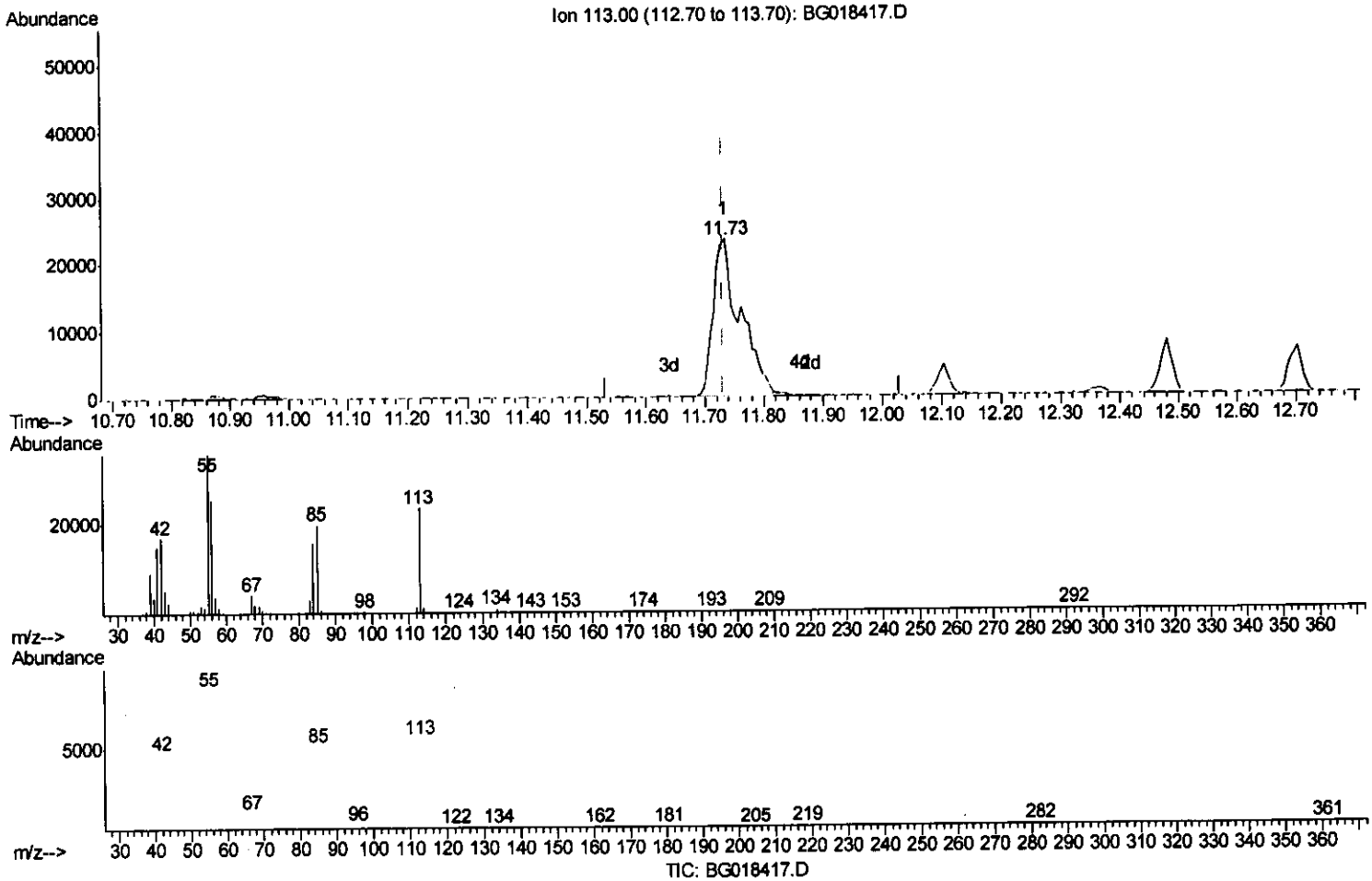

TIC: BG018417.D

(32) Caprolactam

11.733min (+0.003) 21.82ng/ul m U.M 8/14/15

response 74483

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	151.81
56.00	122.80	108.34
0.00	0.00	0.00

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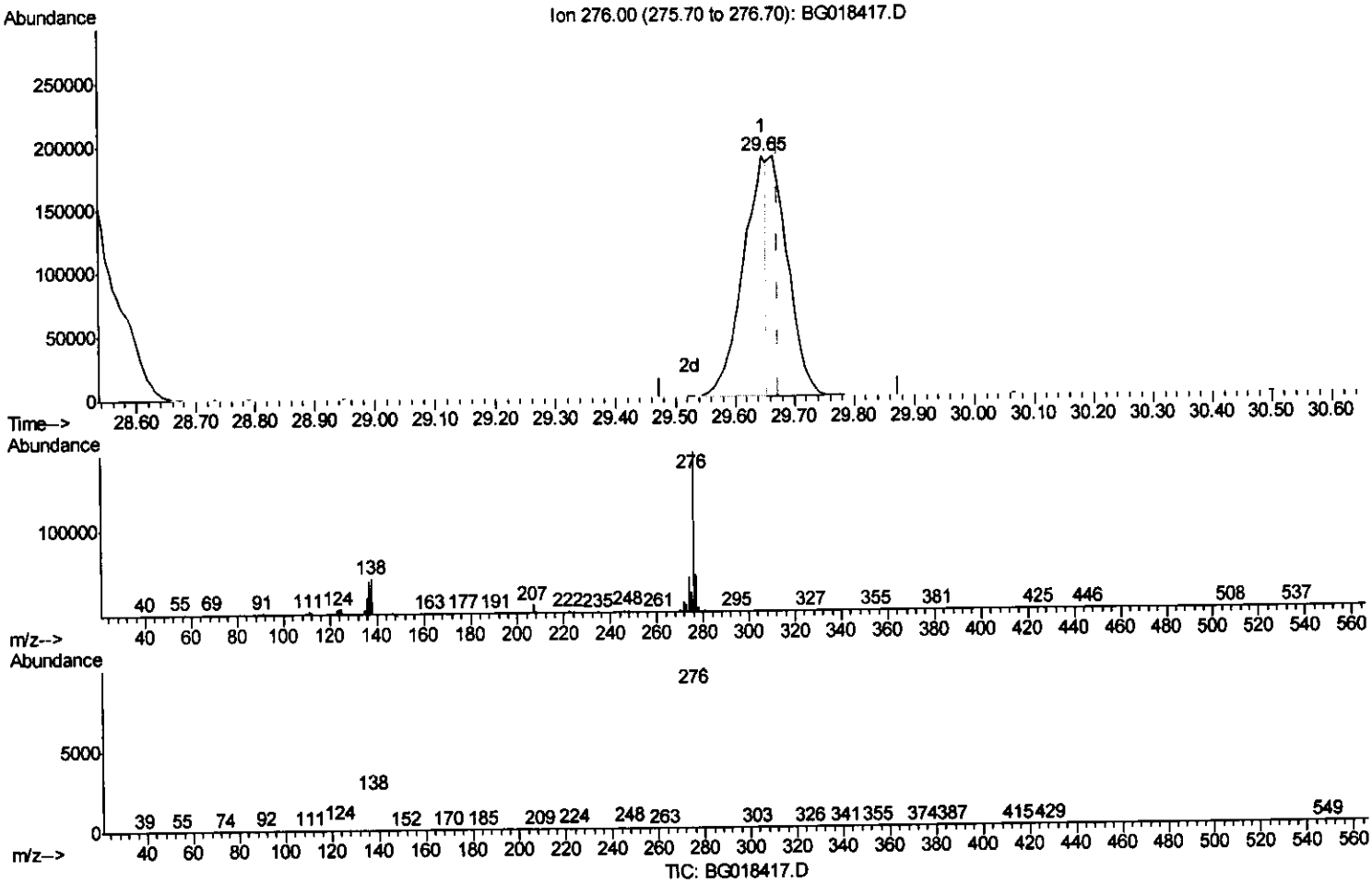

(94) Benzo(g,h,i)perylene

29.647min (-0.027) 10.79ng/ul

response 508966

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	22.35
277.00	23.80	23.31
0.00	0.00	0.00

Quantitation Report (Qedit)

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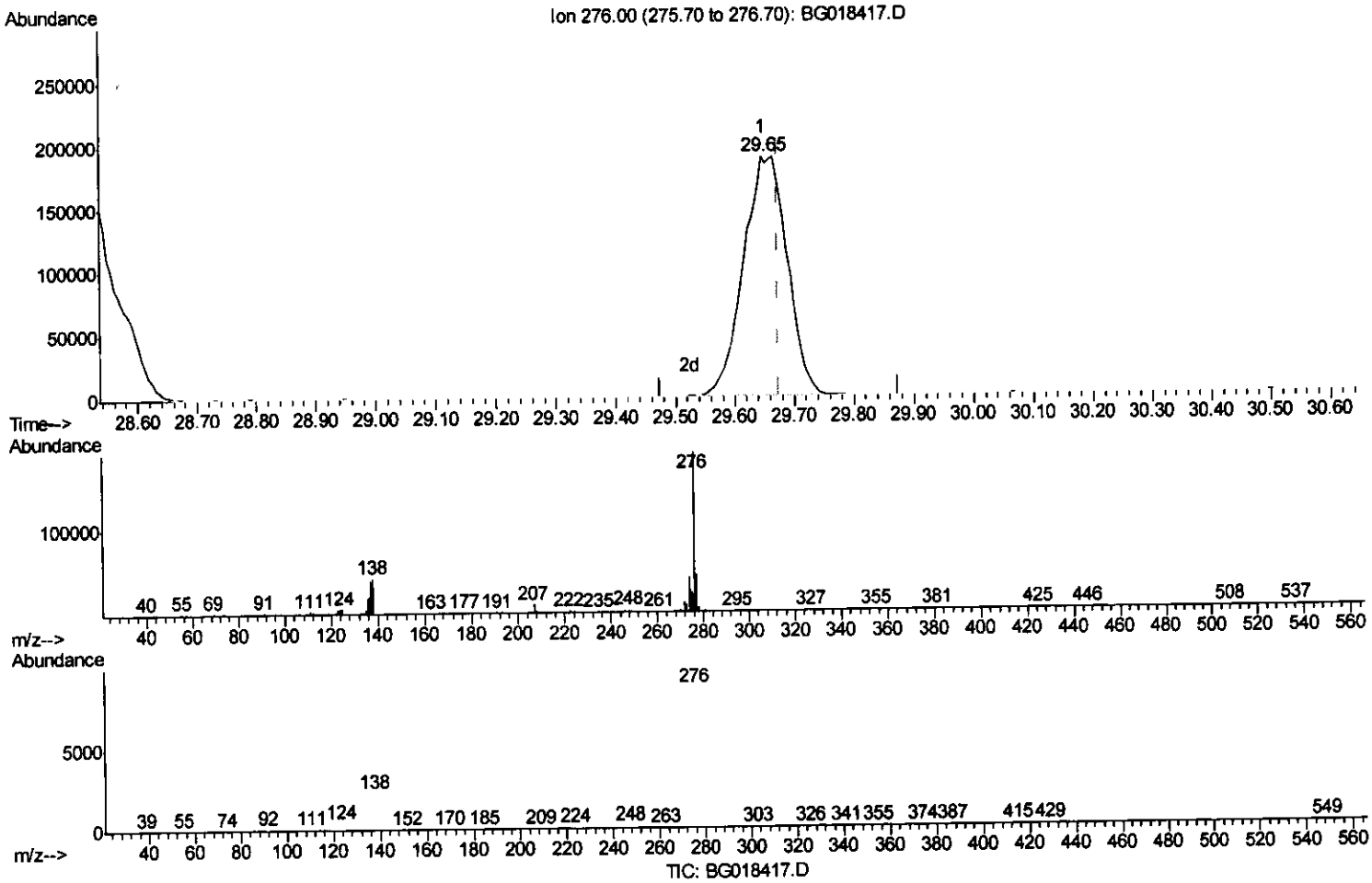

(94) Benzo(g,h,i)perylene

29.647min (-0.027) 20.44ng/ul m U.M 8/14/15

response 964118

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	22.35
277.00	23.80	23.31
0.00	0.00	0.00

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	120073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	536895	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	345889	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	824263	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	814802	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	812512	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	20675	7.61	ng/uL	0.00
5) Phenol-d5	7.18	99	223709	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	136260	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	168272	20.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	189653	20.71	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	89648	21.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	95384	22.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	197384	21.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	256998	25.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	597067	20.52	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	745366	20.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	116289	22.22	ng/ul	0.00
58) Fluorene-d10	15.64	176	527028	20.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	98226	24.23	ng/ul	0.00
71) Anthracene-d10	17.49	188	808509	20.51	ng/ul	0.00
79) Pyrene-d10	19.77	212	877471	20.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	890275	20.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	20417	7.02	ng/uL#	79
4) Benzaldehyde	7.16	77	142870	22.35	ng/ul	98
6) Phenol	7.20	94	230962	20.78	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.44	93	177007	20.70	ng/ul	98
10) 2-Chlorophenol	7.58	128	172188	20.24	ng/ul	91
11) 2-Methylphenol	8.46	108	181967	21.11	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.55	45	226759	16.52	ng/ul#	94
14) Acetophenone	8.84	105	282848	21.39	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.82	70	154957	20.42	ng/ul	92
16) 4-Methylphenol	8.79	108	198359	21.09	ng/ul	93
17) Hexachloroethane	9.11	117	69988	19.09	ng/ul	88
20) Nitrobenzene	9.22	77	212950	20.16	ng/ul	92
21) Isophorone	9.75	82	420797	20.71	ng/ul	99
23) 2-Nitrophenol	9.94	139	104673	22.11	ng/ul	94
24) 2,4-Dimethylphenol	9.99	107	221021	20.84	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.23	93	262829	20.76	ng/ul	97
27) 2,4-Dichlorophenol	10.47	162	178194	21.03	ng/ul	97
28) Naphthalene	10.88	128	589670	20.78	ng/ul	99
30) 4-Chloroaniline	10.98	127	256589	24.67	ng/ul	100
31) Hexachlorobutadiene	11.16	225	113069	21.12	ng/ul	90
32) Caprolactam	11.73	113	74483m	21.82	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	216491	22.05	ng/ul	98
34) 2-Methylnaphthalene	12.48	142	439877	21.41	ng/ul	96

U.M 8/14/15

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.70	142	433892	21.62 ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	230032	20.74 ng/ul	95
38) Hexachlorocyclopentadiene	12.83	237	135117	20.46 ng/ul	99
39) 2,4,6-Trichlorophenol	13.08	196	159689	21.14 ng/ul	97
40) 2,4,5-Trichlorophenol	13.15	196	173395	21.35 ng/ul	99
41) 1,1'-Biphenyl	13.48	154	581204	20.13 ng/ul	98
42) 2-Chloronaphthalene	13.52	162	458072	20.43 ng/ul	98
43) 2-Nitroaniline	13.72	65	148330	20.49 ng/ul	94
45) Dimethylphthalate	14.10	163	575646	20.05 ng/ul#	98
46) 2,6-Dinitrotoluene	14.22	165	128599	22.50 ng/ul	92
48) Acenaphthylene	14.37	152	743226	20.22 ng/ul	99
49) 3-Nitroaniline	14.54	138	137695	23.61 ng/ul	93
50) Acenaphthene	14.71	153	524085	20.33 ng/ul	99
51) 2,4-Dinitrophenol	14.75	184	62552	22.44 ng/ul	93
53) 4-Nitrophenol	14.85	109	91173	20.03 ng/ul	91
54) Dibenzofuran	15.05	168	691793	20.53 ng/ul	98
55) 2,4-Dinitrotoluene	15.01	165	181772	22.28 ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.27	232	153865	21.74 ng/ul#	97
57) Diethylphthalate	15.46	149	617029	20.23 ng/ul	98
59) Fluorene	15.69	166	592359	20.44 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.69	204	288101	21.00 ng/ul	96
61) 4-Nitroaniline	15.70	138	141347	21.94 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.77	198	104692	24.21 ng/ul	93
65) N-Nitrosodiphenylamine	15.90	169	514227	20.74 ng/ul	98
66) 4-Bromophenyl-phenylether	16.58	248	186331	20.90 ng/ul	94
67) Hexachlorobenzene	16.70	284	203681	21.61 ng/ul	98
68) Atrazine	16.84	200	210935	22.72 ng/ul	97
69) Pentachlorophenol	17.04	266	128006	20.28 ng/ul	93
70) Phenanthrene	17.43	178	920601	20.59 ng/ul	99
72) Anthracene	17.53	178	948280	20.81 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	241242	21.15 ng/uL	96
74) Pentachlorobenzene	14.96	250	228060	20.94 ng/uL	94
75) Carbazole	17.79	167	911309	22.81 ng/ul	99
76) Di-n-butylphthalate	18.35	149	1090365	20.89 ng/ul	99
77) Fluoranthene	19.44	202	1110652	23.25 ng/ul	99
80) Pyrene	19.80	202	1125004	20.42 ng/ul	99
81) Butylbenzylphthalate	20.69	149	487714	20.93 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.55	252	392811	23.21 ng/ul	96
83) Benzo(a)anthracene	21.63	228	1043400	20.65 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	679218	20.63 ng/ul	99
85) Chrysene	21.70	228	960556	20.33 ng/ul	98
87) Di-n-octyl phthalate	22.76	149	1176262	22.44 ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	1065403	20.87 ng/ul	98
89) Benzo(k)fluoranthene	23.91	252	1006686	20.48 ng/ul	100
91) Benzo(a)pyrene	24.71	252	1001672	20.64 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.52	276	1168406	20.80 ng/ul	97
93) Dibenzo(a,h)anthracene	28.58	278	974723	20.89 ng/ul	96
94) Benzo(g,h,i)perylene	29.65	276	964118m	20.44 ng/ul	

U.M 8/14/15

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

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