

(OT Reviewed)

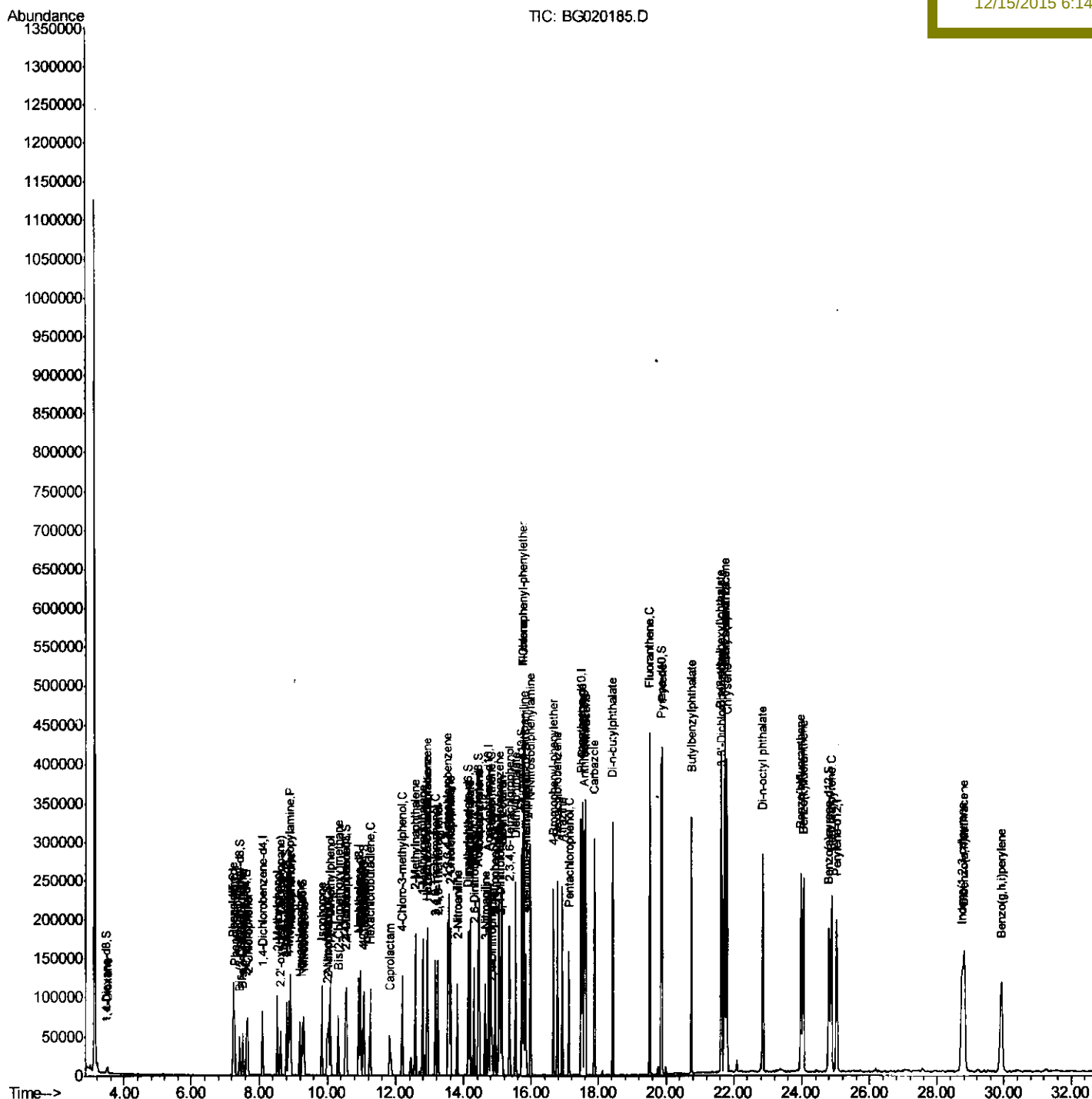
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Data Path   : Z:\HPCHEM1\BNA_G\Data\BG121515\  
Data File  : BG020185.D  
Acq On     : 15 Dec 2015   12:03  
Operator   : UM/SJ  
Sample     : SSTDCCC020EC  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02035

Quant Time: Dec 15 15:57:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 05:59:19 2015
Response via : Initial Calibration

Manual Integrations APPROVED

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

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	81509	20.52	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	58823	19.94	ng/ul	95
38) Hexachlorocyclopentadiene	12.91	237	34123	18.71	ng/ul	95
39) 2,4,6-Trichlorophenol	13.16	196	37933	20.04	ng/ul	99
40) 2,4,5-Trichlorophenol	13.24	196	42475	20.19	ng/ul	100
41) 1,1'-Biphenyl	13.57	154	121188	20.43	ng/ul	95
42) 2-Chloronaphthalene	13.61	162	94708	19.94	ng/ul	97
43) 2-Nitroaniline	13.81	65	33725	20.89	ng/ul	98
45) Dimethylphthalate	14.18	163	132863	20.46	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	27767	20.67	ng/ul	99
48) Acenaphthylene	14.45	152	159094	20.24	ng/ul	98
49) 3-Nitroaniline	14.63	138	27891	21.38	ng/ul	94
50) Acenaphthene	14.79	153	106755	20.18	ng/ul	100
51) 2,4-Dinitrophenol	14.83	184	14689	19.21	ng/ul	95
53) 4-Nitrophenol	14.93	109	22611	20.61	ng/ul	99
54) Dibenzofuran	15.12	168	160527	20.40	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	41849	21.22	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	43295	21.40	ng/ul#	99
57) Diethylphthalate	15.53	149	139045	20.63	ng/ul	100
59) Fluorene	15.77	166	132583	20.98	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	73449	20.62	ng/ul	98
61) 4-Nitroaniline	15.79	138	30581	21.69	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.85	198	26318	19.96	ng/ul#	99
65) N-Nitrosodiphenylamine	15.97	169	117367	20.37	ng/ul	98
66) 4-Bromophenyl-phenylether	16.66	248	50205	20.64	ng/ul	90
67) Hexachlorobenzene	16.77	284	53665	20.55	ng/ul	91
68) Atrazine	16.92	200	50929	20.73	ng/ul	98
69) Pentachlorophenol	17.12	266	29766	18.90	ng/ul	97
70) Phenanthrene	17.51	178	231778	20.45	ng/ul	99
72) Anthracene	17.61	178	232940	20.26	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	66068	20.36	ng/uL	98
74) Pentachlorobenzene	15.05	250	62247	20.67	ng/uL	95
75) Carbazole	17.87	167	201418	20.85	ng/ul	99
76) Di-n-butylphthalate	18.42	149	233662	20.82	ng/ul	99
77) Fluoranthene	19.52	202	283801	21.43	ng/ul	99
80) Pyrene	19.88	202	282174	20.65	ng/ul	99
81) Butylbenzylphthalate	20.76	149	99662	20.98	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.64	252	88212	21.38	ng/ul	93
83) Benzo(a)anthracene	21.73	228	276153	20.96	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	141788	20.88	ng/ul	99
85) Chrysene	21.79	228	256551	20.68	ng/ul	97
87) Di-n-octyl phthalate	22.85	149	244297	20.63	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	262818	20.26	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	256532	20.61	ng/ul	97
91) Benzo(a)pyrene	24.86	252	255810	20.81	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.75	276	301393	20.58	ng/ul	97
93) Dibenzo(a,h)anthracene	28.81	278	249550	20.53	ng/ul	98
94) Benzo(g,h,i)perylene	29.91	276	250714m	20.89	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	22260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	103598	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	78623	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	207207	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	225796	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	215492	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	3308	8.20	ng/uL	0.00
5) Phenol-d5	7.24	99	41023	20.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	24623	21.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	30246	21.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	35069	20.89	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	16628	20.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	18983	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	37471	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	44589	21.81	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	130200	20.47	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	152120	20.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	24259	21.27	ng/ul	0.00
58) Fluorene-d10	15.72	176	118796	20.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	24637	20.06	ng/ul	0.00
71) Anthracene-d10	17.57	188	193331	20.25	ng/ul	0.00
79) Pyrene-d10	19.85	212	216776	20.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	220805	20.54	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.51	88	4586	7.70 ng/uL	96
4) Benzaldehyde	7.23	77	28249	22.23 ng/ul	94
6) Phenol	7.27	94	43357	20.63 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.51	93	30022	20.82 ng/ul	96
10) 2-Chlorophenol	7.66	128	31610	21.14 ng/ul	99
11) 2-Methylphenol	8.54	108	34029	21.22 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.63	45	42535	20.48 ng/ul	97
14) Acetophenone	8.92	105	55841	21.24 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.90	70	30191	21.70 ng/ul	97
16) 4-Methylphenol	8.87	108	36661	20.66 ng/ul	94
17) Hexachloroethane	9.19	117	13013	20.71 ng/ul	92
20) Nitrobenzene	9.31	77	44101	20.61 ng/ul	98
21) Isophorone	9.83	82	83582	20.46 ng/ul	100
23) 2-Nitrophenol	10.02	139	20384	21.15 ng/ul	97
24) 2,4-Dimethylphenol	10.08	107	45100	20.61 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.31	93	44854	20.27 ng/ul	98
27) 2,4-Dichlorophenol	10.56	162	38666	20.68 ng/ul	98
28) Naphthalene	10.97	128	111601	20.63 ng/ul	98
30) 4-Chloroaniline	11.07	127	45480	21.79 ng/ul	100
31) Hexachlorobutadiene	11.25	225	27865	19.99 ng/ul	96
32) Caprolactam	11.82	113	13785	20.89 ng/ul	97
33) 4-Chloro-3-methylphenol	12.18	107	46675	21.01 ng/ul	94
34) 2-Methylnaphthalene	12.56	142	86375	20.90 ng/ul	96

Quantitation Report (Qedit)

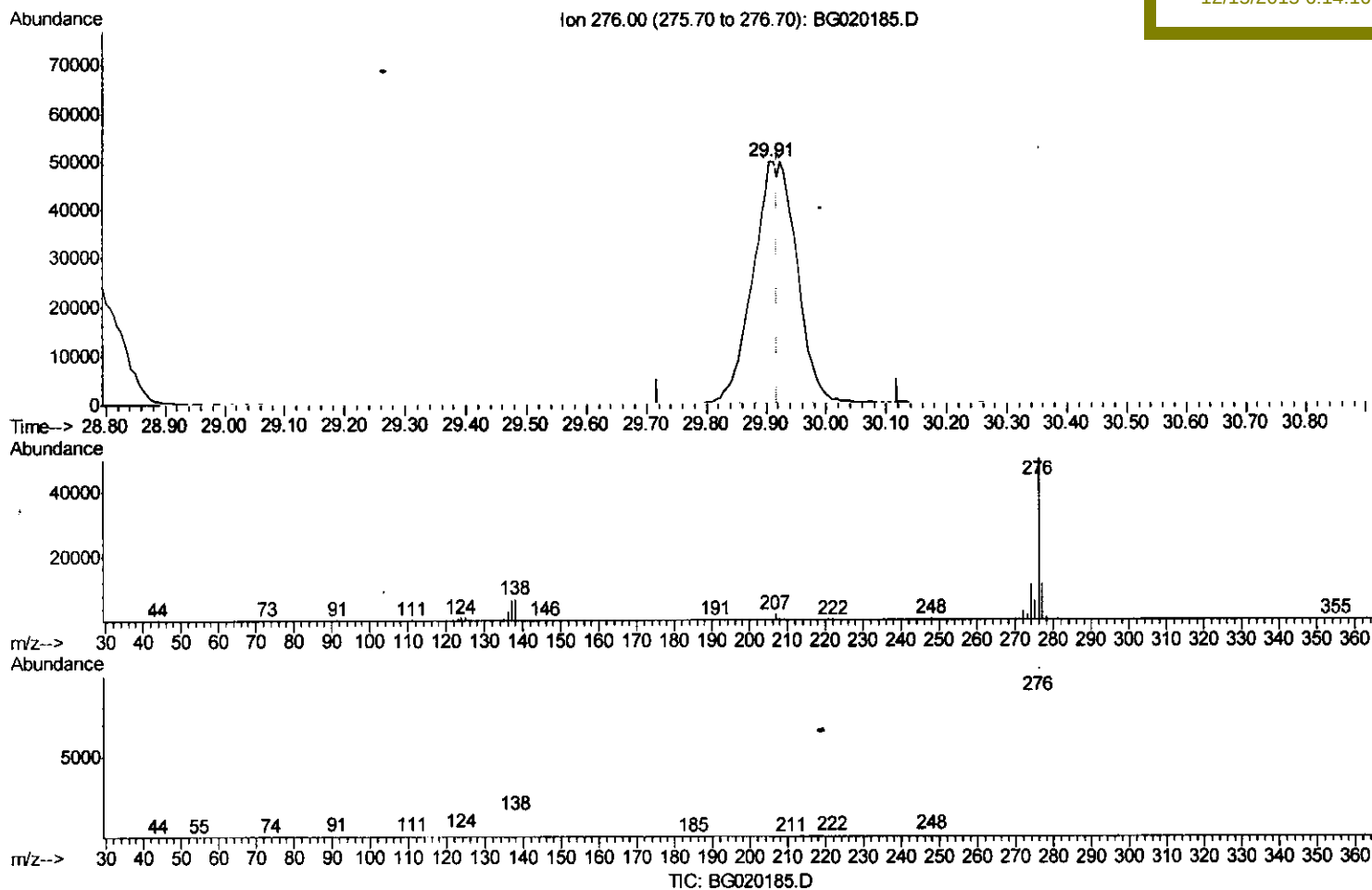
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(94) Benzo(g,h,i)perylene

29.905min (-0.013) 20.89ng/ul m

response 250714

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	13.36
277.00	24.90	22.59
0.00	0.00	0.00

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Quantitation Report (Qedit)

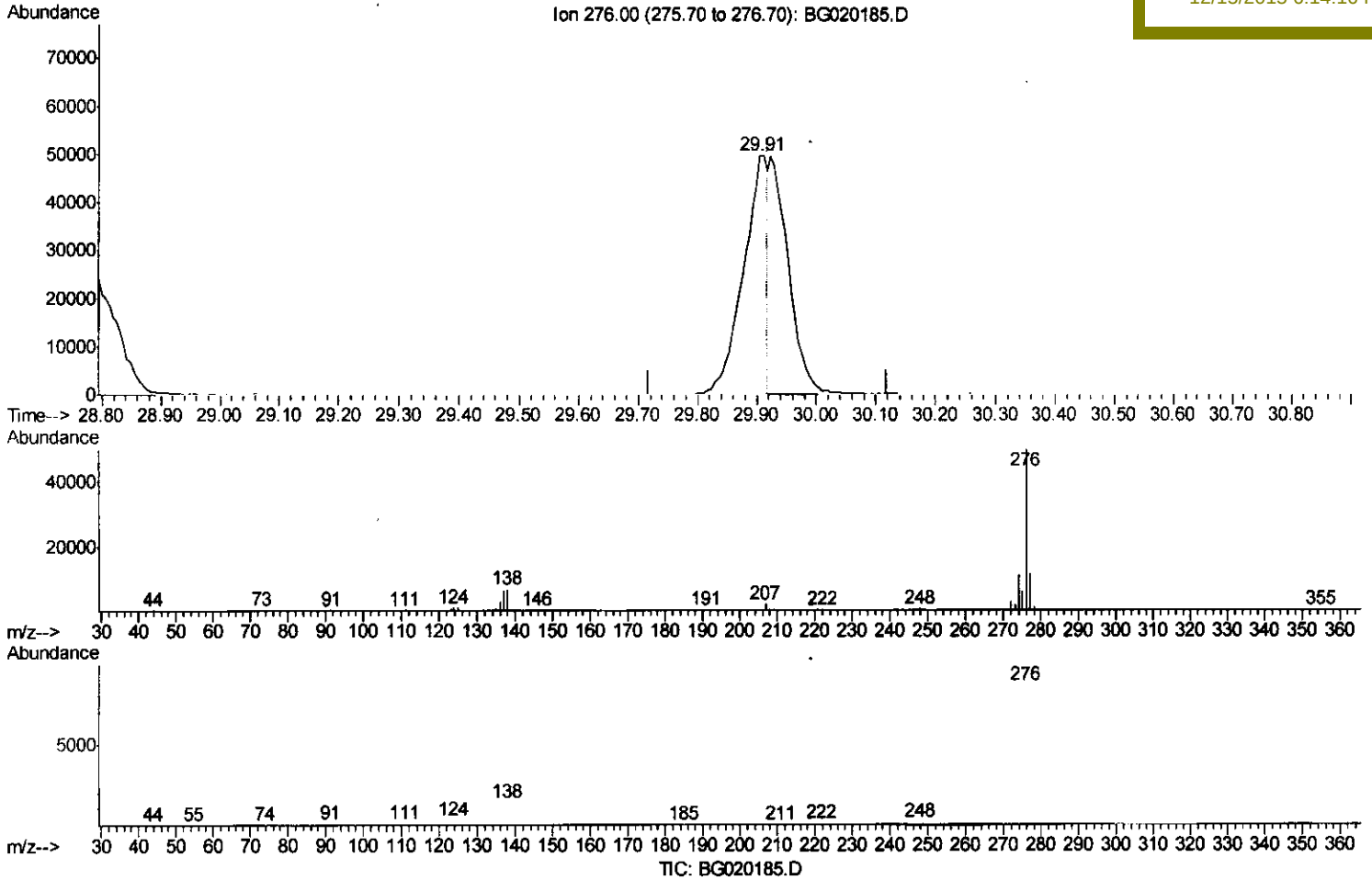
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(94) Benzo(g,h,i)perylene

29.905min (-0.013) 11.57ng/ul

response 138906

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	13.36
277.00	24.90	22.59
0.00	0.00	0.00