

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020510.D
 Acq On : 25 Dec 2015 18:27
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02027

Quant Time: Dec 26 01:39:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 00:23:26 2015
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	15584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	67382	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	48985	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	135643	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	177812	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	170358	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2411	8.53	ng/uL	0.00
5) Phenol-d5	7.23	99	27004	21.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	16258	21.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	21221	22.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	23356	22.20	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	11258	21.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	12937	21.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	25533	21.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	29767	22.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	88284	21.87	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	102073	21.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	13612	20.22	ng/ul	0.00
58) Fluorene-d10	15.70	176	80125	21.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	17100	19.02	ng/ul	0.00
71) Anthracene-d10	17.55	188	136301	21.45	ng/ul	0.00
79) Pyrene-d10	19.84	212	170422	22.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	187383	21.76	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.48	88	2995	9.24	ng/uL	89
4) Benzaldehyde	7.21	77	18377m	24.25	ng/ul	
6) Phenol	7.26	94	29440	22.61	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.49	93	21081	22.21	ng/ul	96
10) 2-Chlorophenol	7.64	128	22527	22.49	ng/ul	95
11) 2-Methylphenol	8.52	108	22599	22.36	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.61	45	27778	22.58	ng/ul	97
14) Acetophenone	8.90	105	38056	22.57	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.88	70	19717	23.13	ng/ul	93
16) 4-Methylphenol	8.85	108	24654	22.49	ng/ul	94
17) Hexachloroethane	9.16	117	9308	22.01	ng/ul	95
20) Nitrobenzene	9.28	77	28718	21.80	ng/ul	98
21) Isophorone	9.81	82	53473	21.50	ng/ul	98
23) 2-Nitrophenol	10.00	139	14014	22.09	ng/ul	95
24) 2,4-Dimethylphenol	10.06	107	29425	21.84	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.29	93	29680	21.47	ng/ul	99
27) 2,4-Dichlorophenol	10.54	162	26304	22.07	ng/ul	95
28) Naphthalene	10.94	128	78040	21.79	ng/ul	97
30) 4-Chloroaniline	11.05	127	31082	23.22	ng/ul	97
31) Hexachlorobutadiene	11.22	225	20643	20.73	ng/ul	95
32) Caprolactam	11.80	113	8618m	22.47	ng/ul	
33) 4-Chloro-3-methylphenol	12.17	107	28833	23.08	ng/ul	93
34) 2-Methylnaphthalene	12.55	142	58753	22.17	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	55643	22.10	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	41249	20.80	ng/ul	99
38) Hexachlorocyclopentadiene	12.89	237	18667	17.26	ng/ul	98
39) 2,4,6-Trichlorophenol	13.15	196	25226	21.43	ng/ul	94
40) 2,4,5-Trichlorophenol	13.22	196	28057	21.78	ng/ul	97
41) 1,1'-Biphenyl	13.54	154	82311	21.77	ng/ul	93
42) 2-Chloronaphthalene	13.59	162	64368	21.10	ng/ul	97
43) 2-Nitroaniline	13.80	65	19232	22.48	ng/ul	90
45) Dimethylphthalate	14.15	163	90324	22.01	ng/ul	97
46) 2,6-Dinitrotoluene	14.28	165	18191	21.78	ng/ul	93
48) Acenaphthylene	14.43	152	108012	21.97	ng/ul	99
49) 3-Nitroaniline	14.61	138	17871	23.19	ng/ul	90
50) Acenaphthene	14.77	153	71425	21.49	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	8143	15.24	ng/ul	96
53) 4-Nitrophenol	14.92	109	12483	20.50	ng/ul	95
54) Dibenzofuran	15.11	168	109549	22.15	ng/ul	99
55) 2,4-Dinitrotoluene	15.07	165	28635	22.94	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.34	232	27390	21.59	ng/ul#	95
57) Diethylphthalate	15.52	149	93530	22.20	ng/ul	97
59) Fluorene	15.75	166	87902	21.93	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	50283	21.68	ng/ul	99
61) 4-Nitroaniline	15.78	138	20540m	23.73	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.84	198	18072	18.92	ng/ul#	94
65) N-Nitrosodiphenylamine	15.96	169	80411	21.21	ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	36336	21.55	ng/ul	98
67) Hexachlorobenzene	16.76	284	38931	20.64	ng/ul	92
68) Atrazine	16.90	200	36578	21.78	ng/ul	97
69) Pentachlorophenol	17.10	266	19306	18.91	ng/ul	93
70) Phenanthrene	17.50	178	162308	21.51	ng/ul	99
72) Anthracene	17.59	178	165624	21.46	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	45269	19.99	ng/uL	97
74) Pentachlorobenzene	15.02	250	42824	20.39	ng/uL	98
75) Carbazole	17.86	167	145148	22.32	ng/ul	99
76) Di-n-butylphthalate	18.40	149	170547	22.00	ng/ul	99
77) Fluoranthene	19.50	202	216663	22.83	ng/ul	98
80) Pyrene	19.87	202	220410	21.92	ng/ul	98
81) Butylbenzylphthalate	20.74	149	77446	21.66	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.62	252	69202	19.88	ng/ul	97
83) Benzo(a)anthracene	21.71	228	227696	21.80	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	112457	21.50	ng/ul	100
85) Chrysene	21.78	228	216328	21.75	ng/ul	98
87) Di-n-octyl phthalate	22.82	149	194818	22.10	ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	219811m	21.50	ng/ul	99
89) Benzo(k)fluoranthene	24.01	252	216753	21.93	ng/ul	99
91) Benzo(a)pyrene	24.84	252	215458	21.92	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.70	276	249602	21.20	ng/ul	96
93) Dibenzo(a,h)anthracene	28.76	278	205827	21.07	ng/ul	98
94) Benzo(g,h,i)perylene	29.87	276	207454	21.46	ng/ul	99

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

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

Quantitation Report (Qedit)

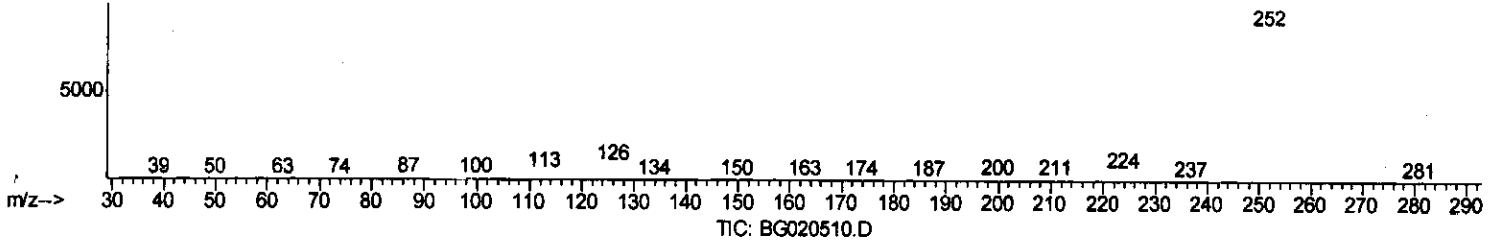
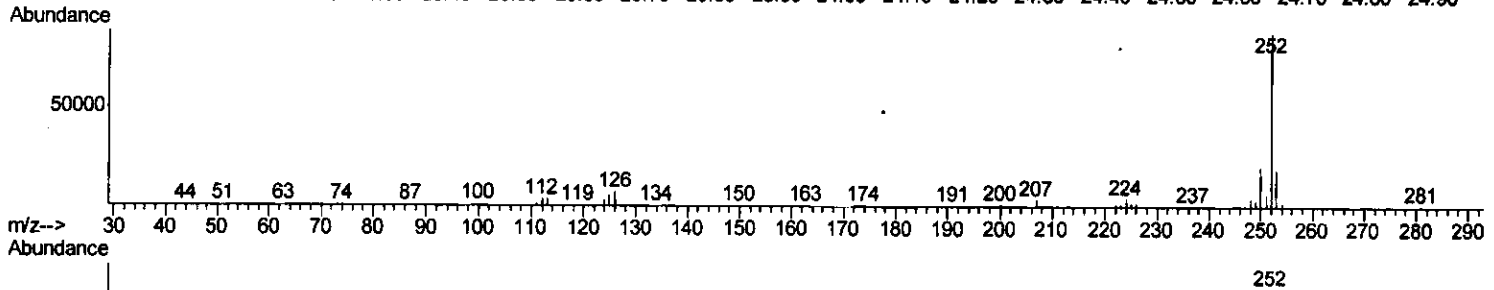
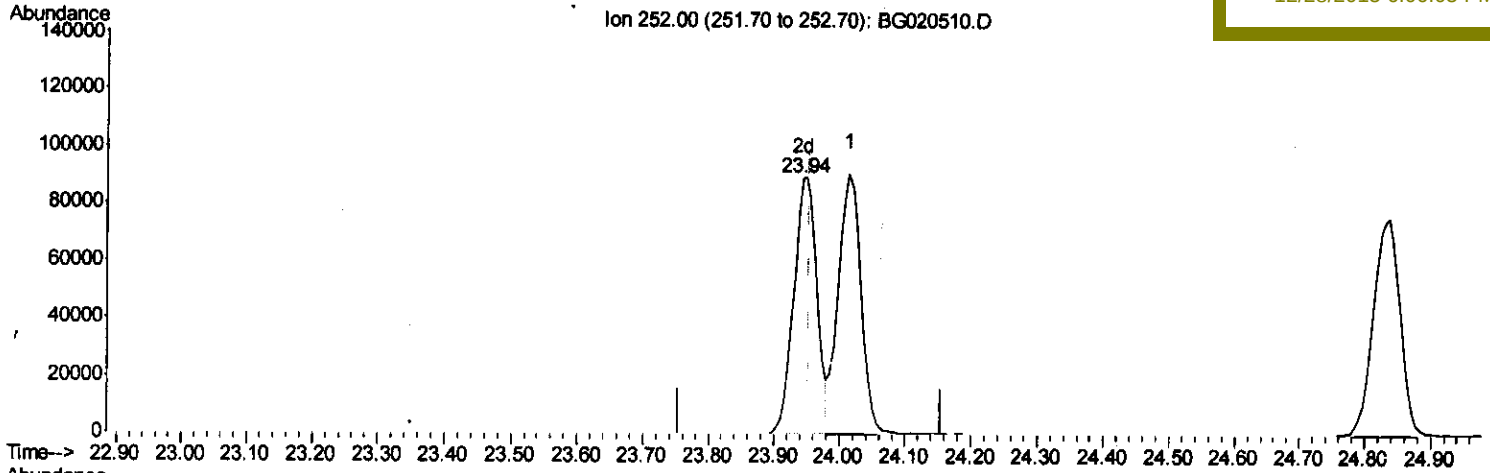
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(88) Benzo(b)fluoranthene

23.944min (-0.011) 21.50ng/ul m *U.M*
12/31/15

response 219811

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	21.40
125.00	7.70	6.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

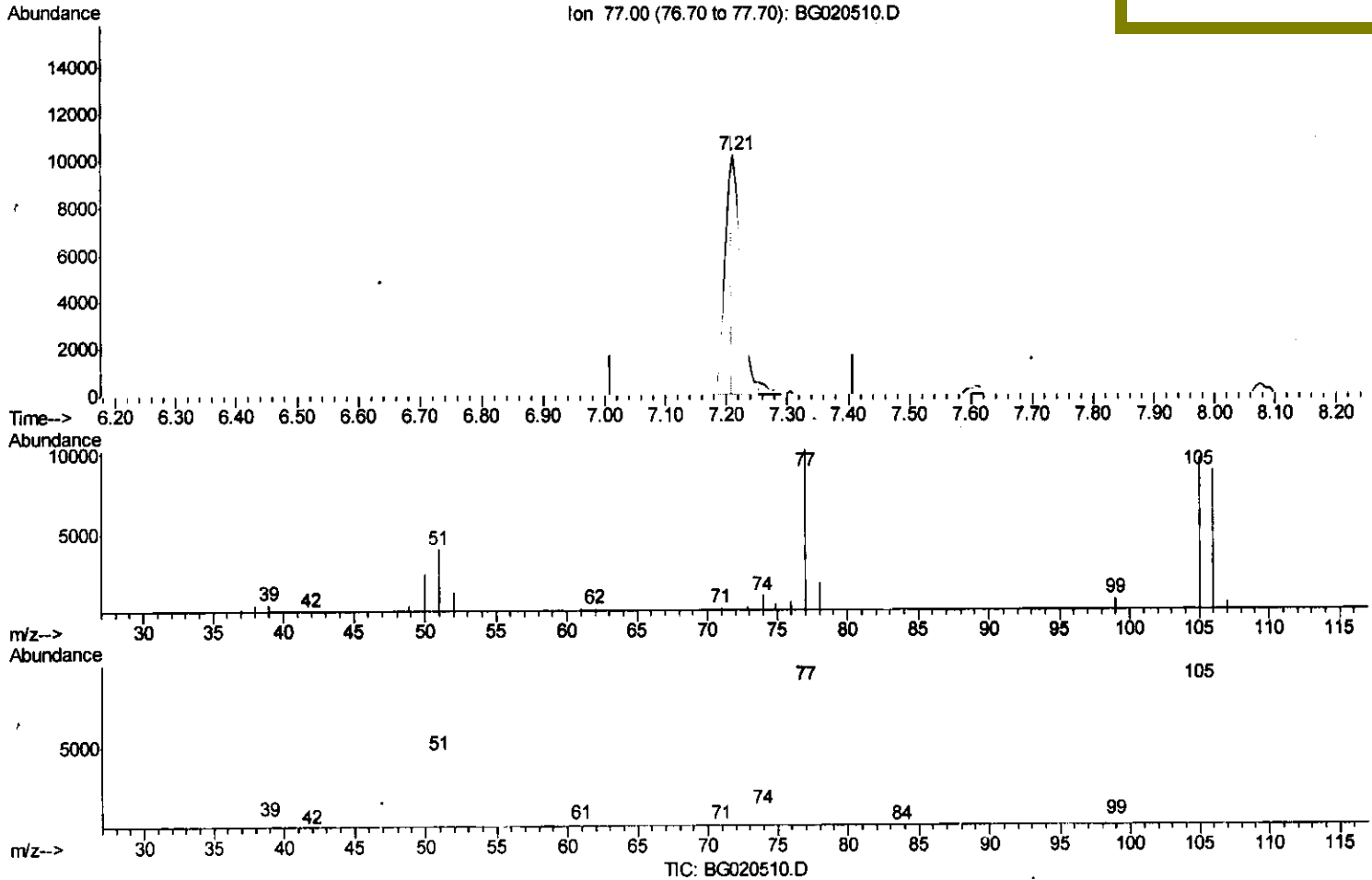
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(4) Benzaldehyde

7.210min (+0.001) 23.45ng/ul

response 17777

Ion	Exp%	Act%
77.00	100	100
105.00	97.20	94.76
106.00	90.80	87.17
0.00	0.00	0.00

Quantitation Report (Qedit)

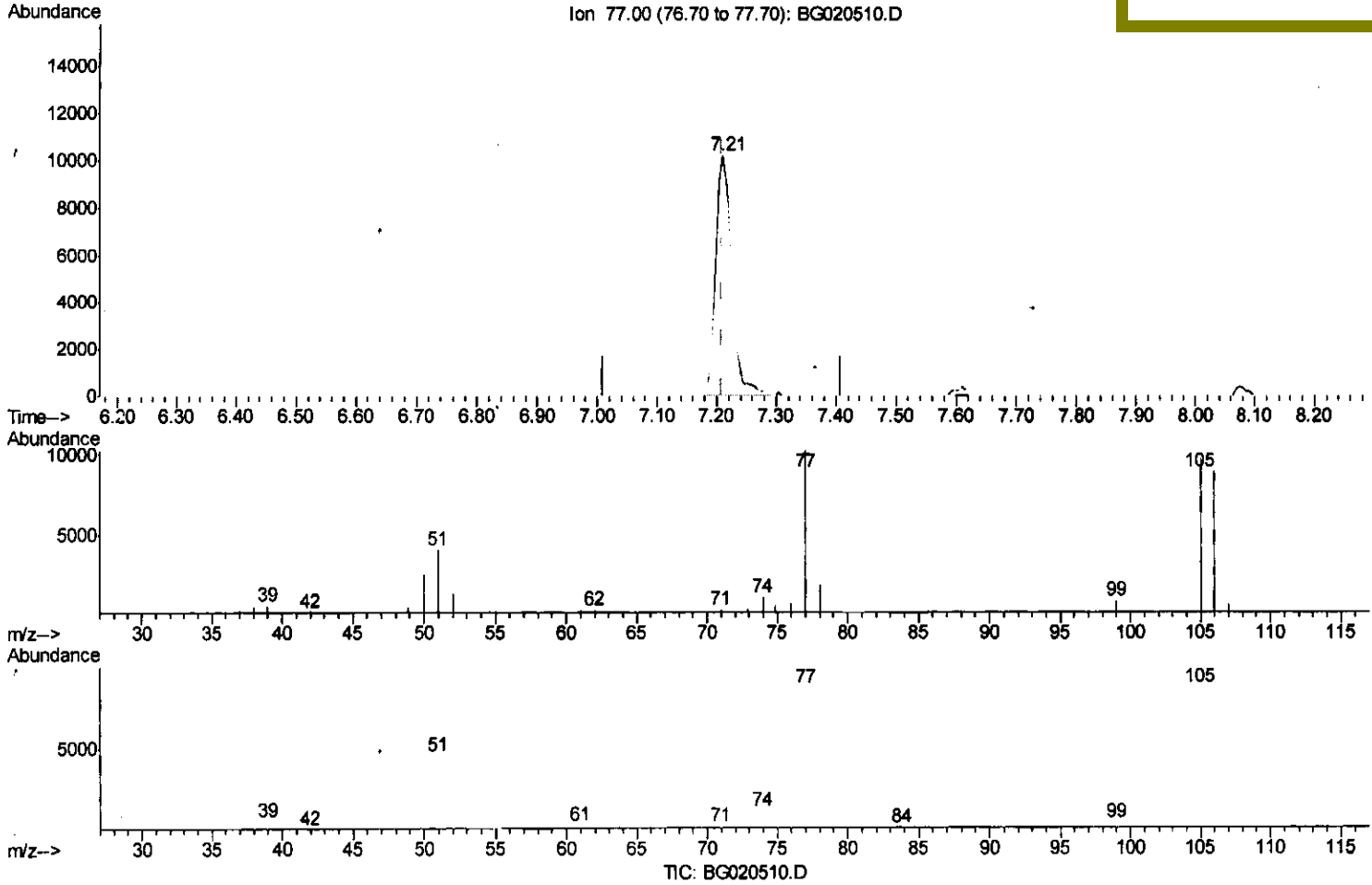
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(4) Benzaldehyde

7.210min (+0.001) 24.25ng/ul m

response 18377

Ion	Exp%	Act%
77.00	100	100
105.00	97.20	94.76
106.00	90.80	87.17
0.00	0.00	0.00

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Quantitation Report (Qedit)

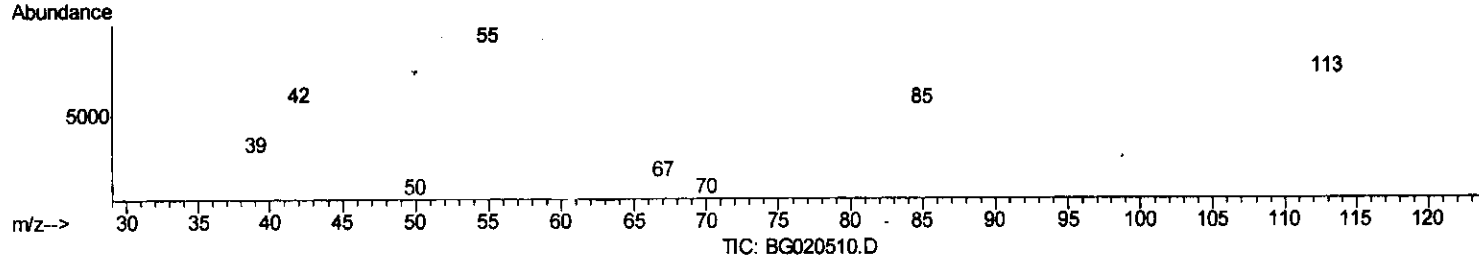
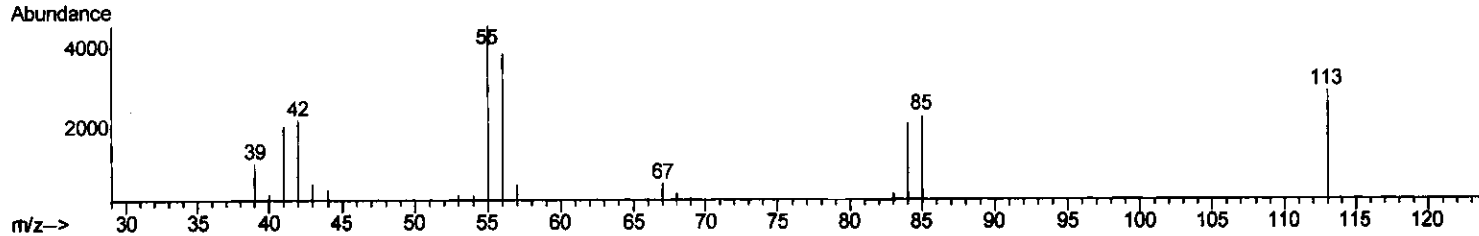
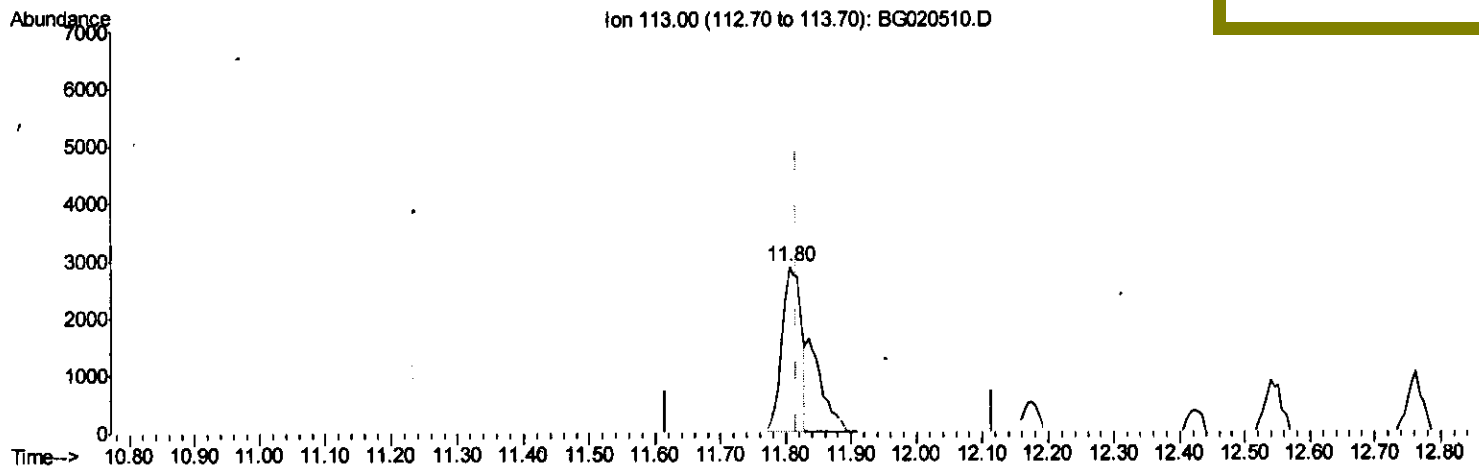
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(32) Caprolactam

11.805min (-0.011) 15.56ng/ul

response 5968

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	156.69
56.00	129.10	133.06
0.00	0.00	0.00

Quantitation Report (Qedit)

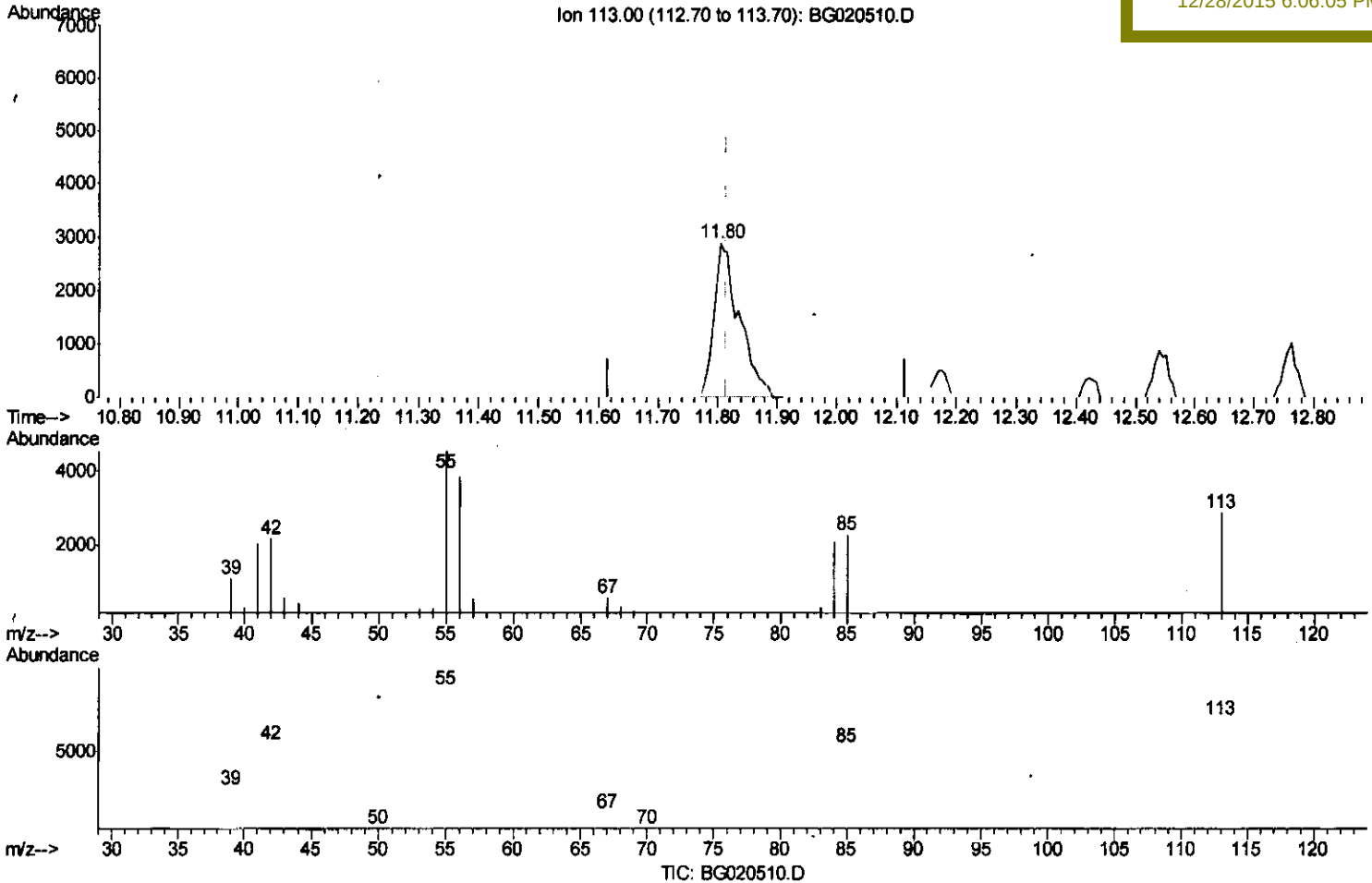
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(32) Caprolactam

11.805min (-0.011) 22.47ng/ul m

response 8618

ion	Exp%	Act%
113.00	100	100
55.00	165.10	156.69
56.00	129.10	133.06
0.00	0.00	0.00

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Quantitation Report (Qedit)

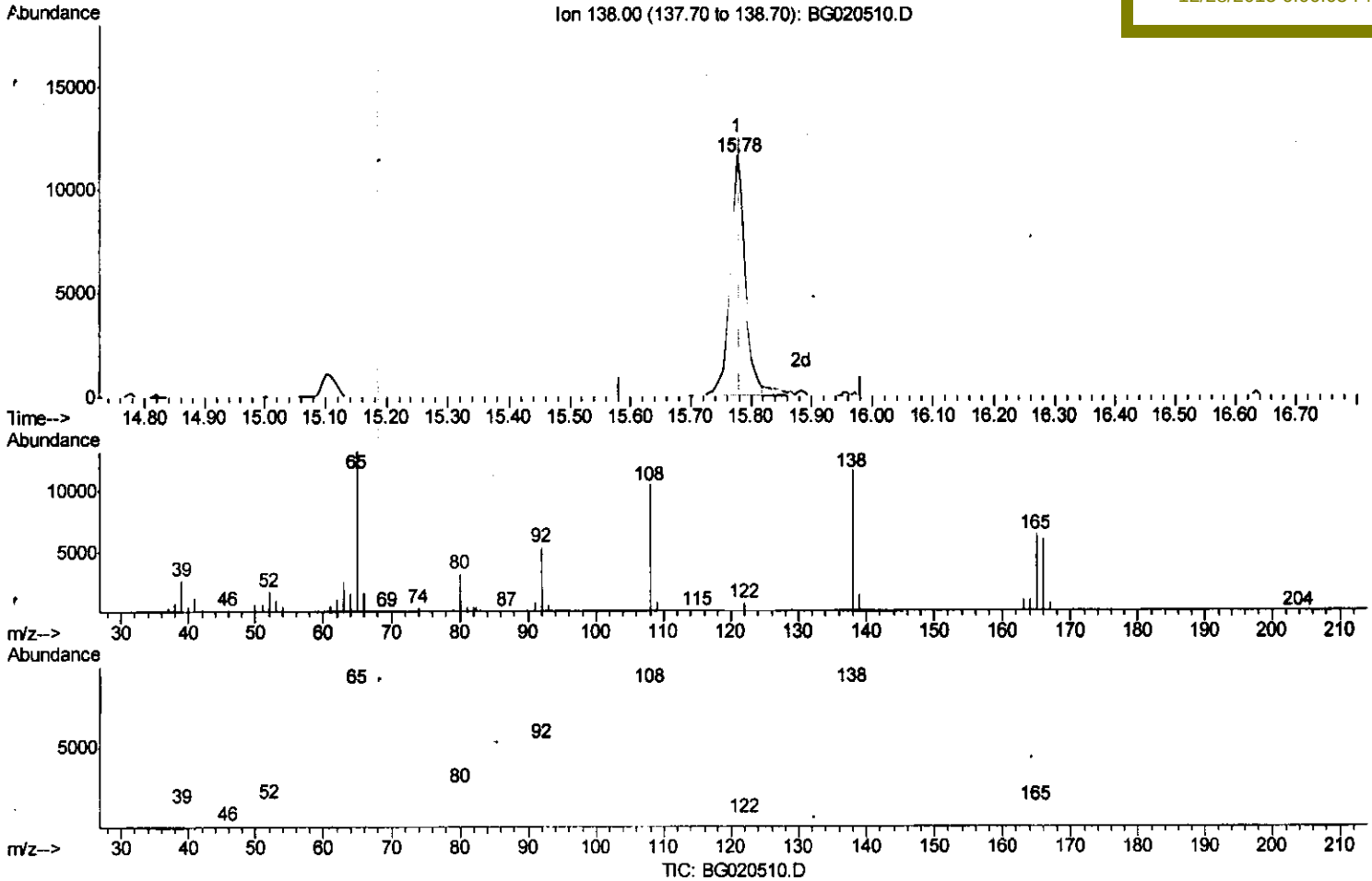
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(61) 4-Nitroaniline

15.777min (-0.005) 22.80ng/ul

response 19736

Ion	Exp%	Act%
138.00	100	100
92.00	56.50	46.37
108.00	94.20	89.91
0.00	0.00	0.00

Quantitation Report (Qedit)

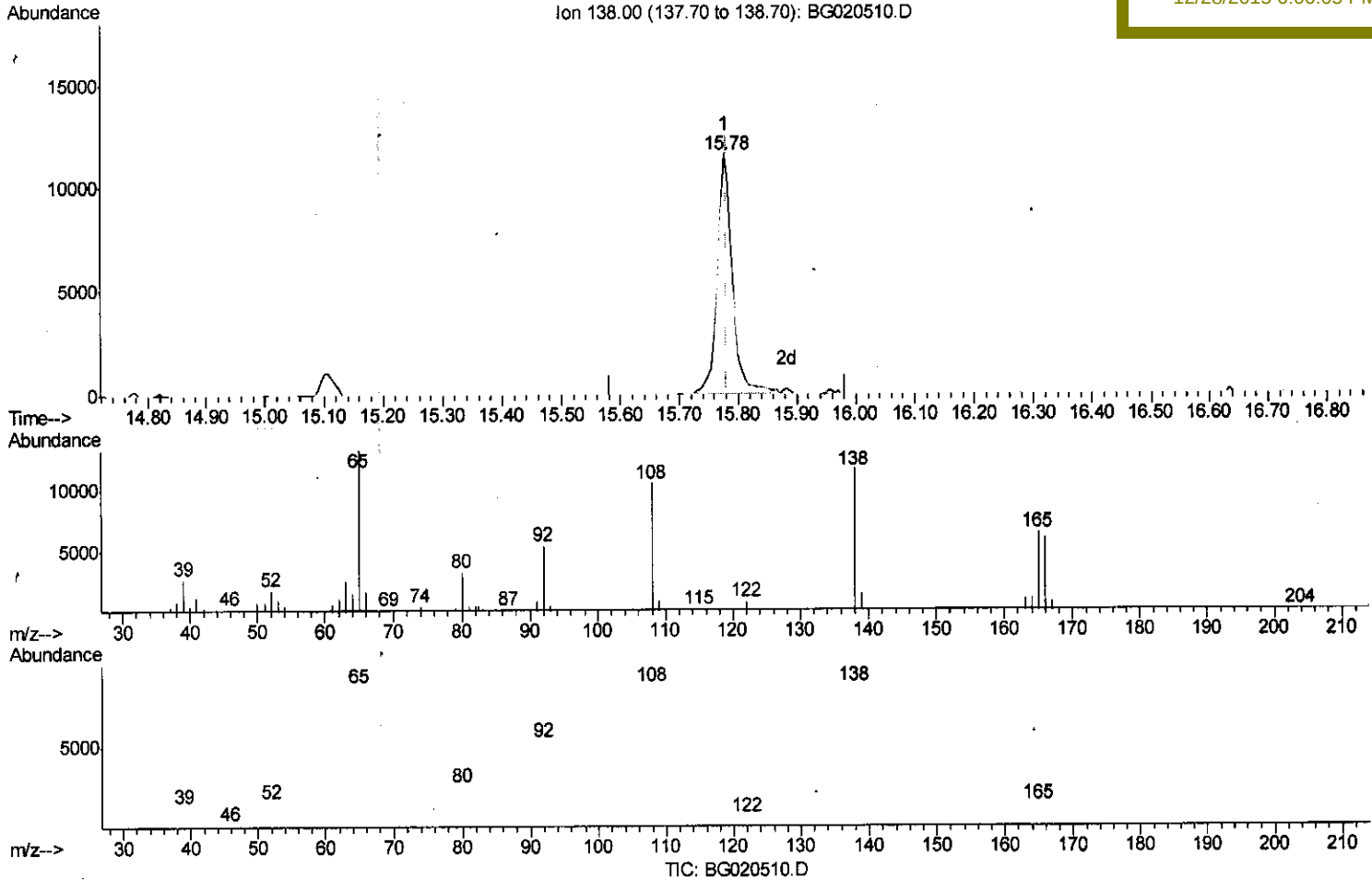
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(61) 4-Nitroaniline

15.777min (-0.005) 23.73ng/ul m

response 20540

Ion	Exp%	Act%
138.00	100	100
92.00	56.50	46.37
108.00	94.20	89.91
0.00	0.00	0.00

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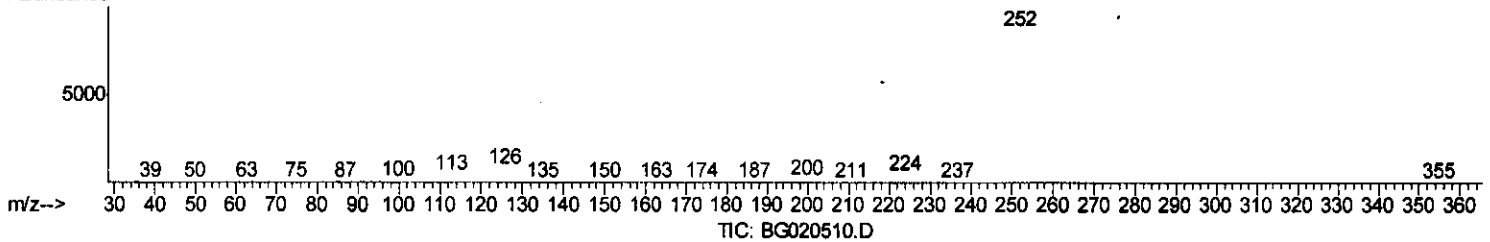
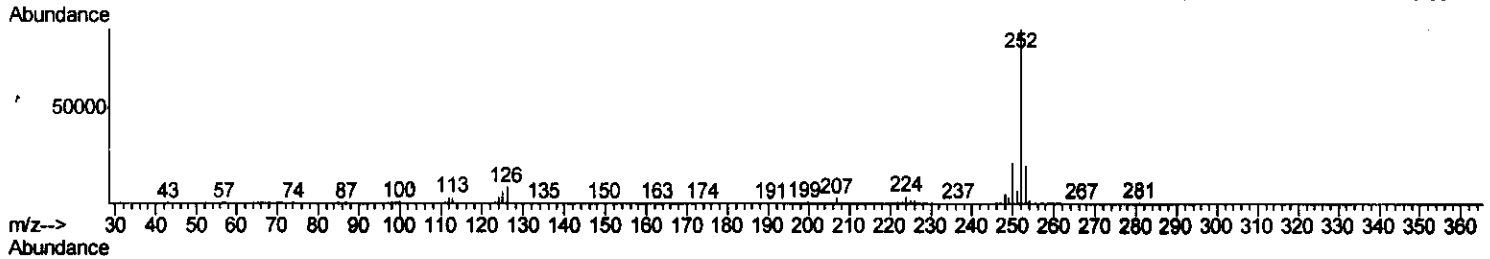
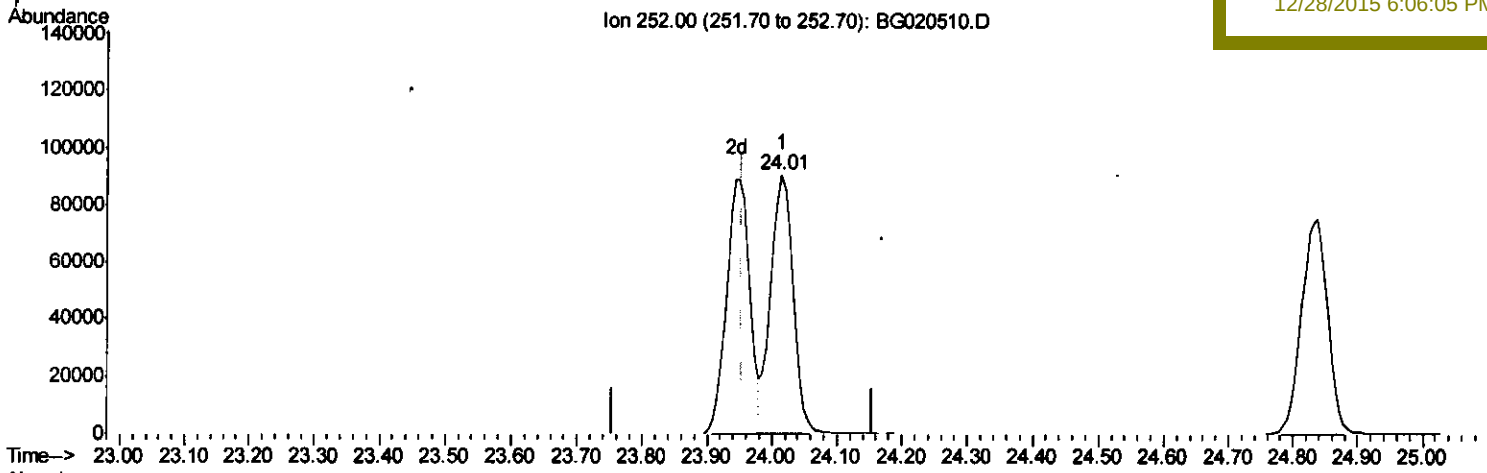
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(88) Benzo(b)fluoranthene

24.014min (+0.060) 21.20ng/ul

response 216753

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	22.02
125.00	7.70	7.20
0.00	0.00	0.00

(OT Reviewed)

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