

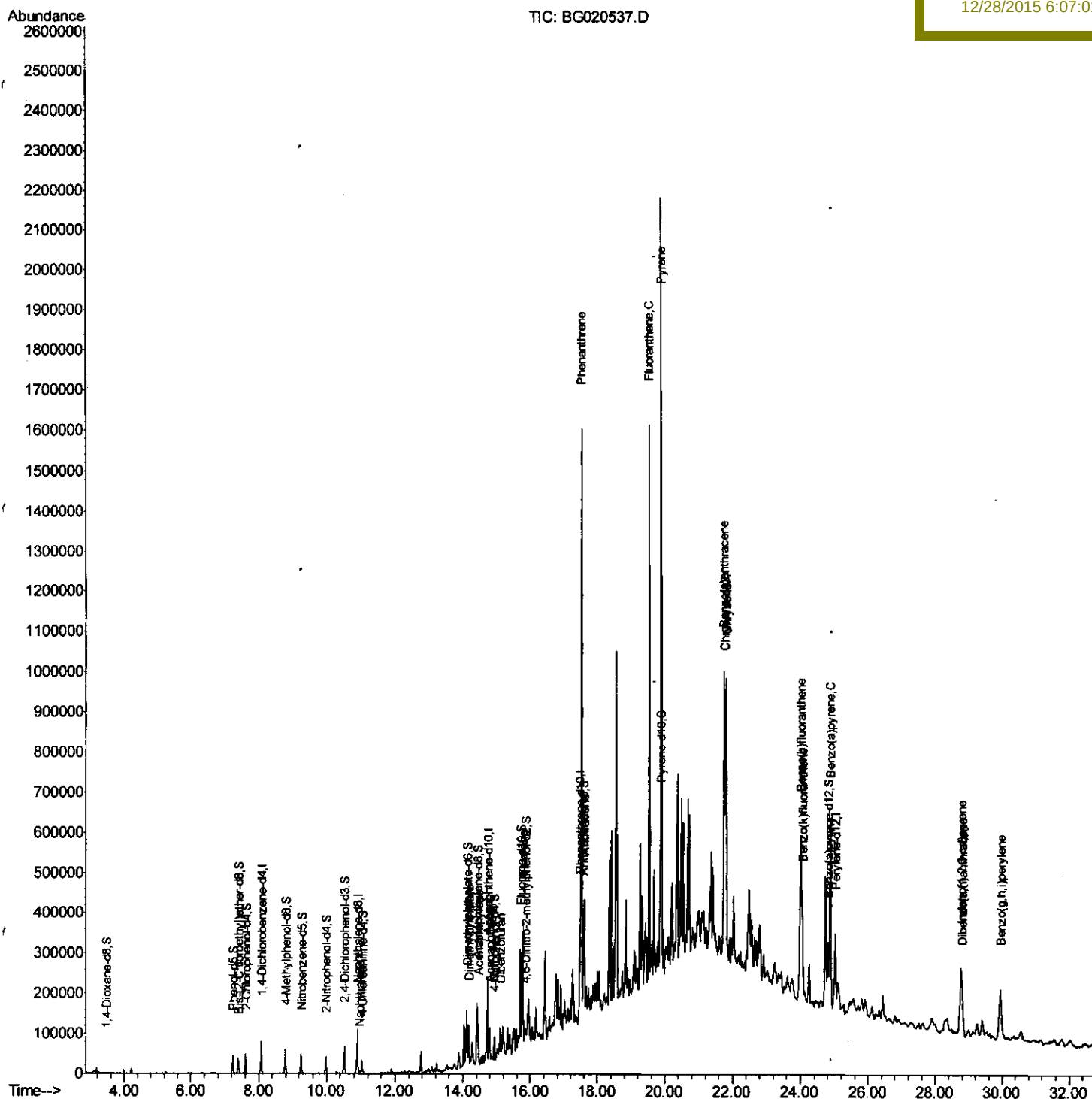
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Dec 28 06:54:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 06:13:05 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
G9D91

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	23721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	100480	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	68800	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	164652	20.00	ng/ul	0.01
78) Chrysene-d12	21.74	240	209126	20.00	ng/ul	0.01
86) Perylene-d12	25.02	264	210049	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1092	2.54	ng/uL	0.00
5) Phenol-d5	7.24	99	30066	15.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	18499	16.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	24761	16.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	25971	16.22	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	13034	16.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	15161	16.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	28451	16.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	18917	9.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	92839	16.37	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	111379	16.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	9149	9.68	ng/ul	0.00
58) Fluorene-d10	15.70	176	89149	17.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	10369	9.50	ng/ul	0.01
71) Anthracene-d10	17.56	188	139518	18.09	ng/ul	0.00
79) Pyrene-d10	19.84	212	165312	18.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	191586	18.04	ng/ul	0.04

Target Compounds

					Qvalue
28) Naphthalene	10.94	128	8132	1.52 ng/ul#	94
45) Dimethylphthalate	14.16	163	31769	5.51 ng/ul	99
48) Acenaphthylene	14.44	152	71847	10.40 ng/ul#	93
50) Acenaphthene	14.78	153	31608	6.77 ng/ul	96
54) Dibenzofuran	15.11	168	8252	1.19 ng/ul#	77
59) Fluorene	15.76	166	139341	24.75 ng/ul	99
70) Phenanthrene	17.51	178	961233	104.92 ng/ul	96
72) Anthracene	17.59	178	197265	21.06 ng/ul	98
77) Fluoranthene	19.51	202	888563	77.13 ng/ul	99
80) Pyrene	19.88	202	1286844	108.81 ng/ul	97
83) Benzo(a)anthracene	21.72	228	472957m	38.51 ng/ul	95
85) Chrysene	21.79	228	582817	49.82 ng/ul	96
88) Benzo(b)fluoranthene	23.99	252	596311	47.30 ng/ul	96
89) Benzo(k)fluoranthene	24.04	252	176598m	14.49 ng/ul	98
91) Benzo(a)pyrene	24.87	252	495337	40.88 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.76	276	284129	19.58 ng/ul	96
93) Dibenzo(a,h)anthracene	28.80	278	85766	7.12 ng/ul	96
94) Benzo(g,h,i)perylene	29.94	276	265396	22.26 ng/ul	99

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

U.M
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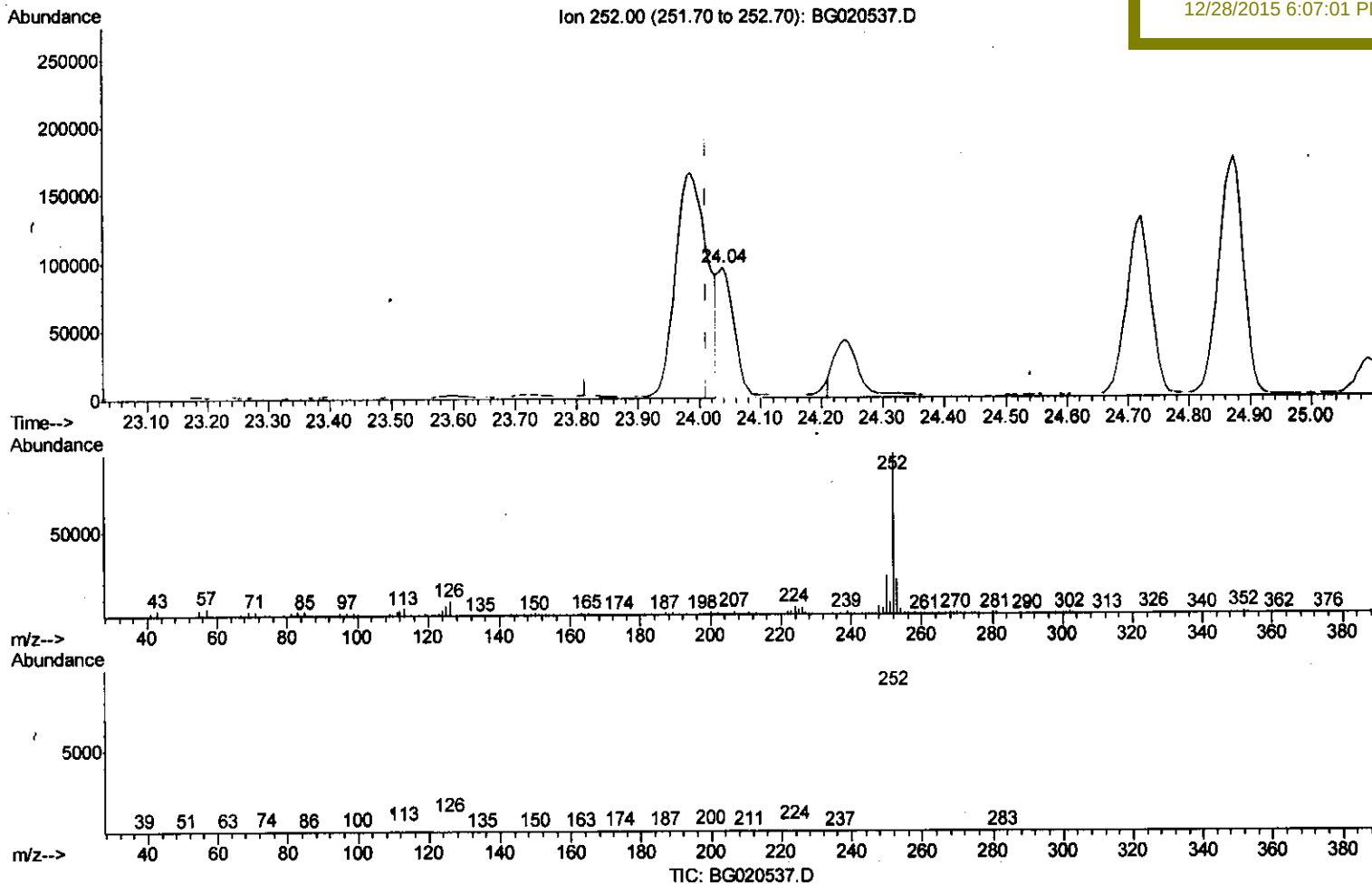
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(89) Benzo(k)fluoranthene

24.039min (+0.026) 14.49ng/ul m

response 176598

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.21
125.00	7.20	6.53
0.00	0.00	0.00

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Quantitation Report (Qedit)

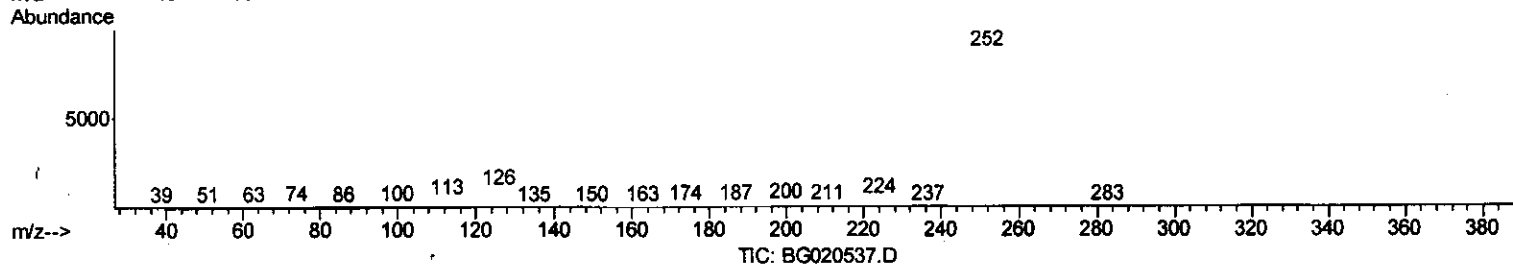
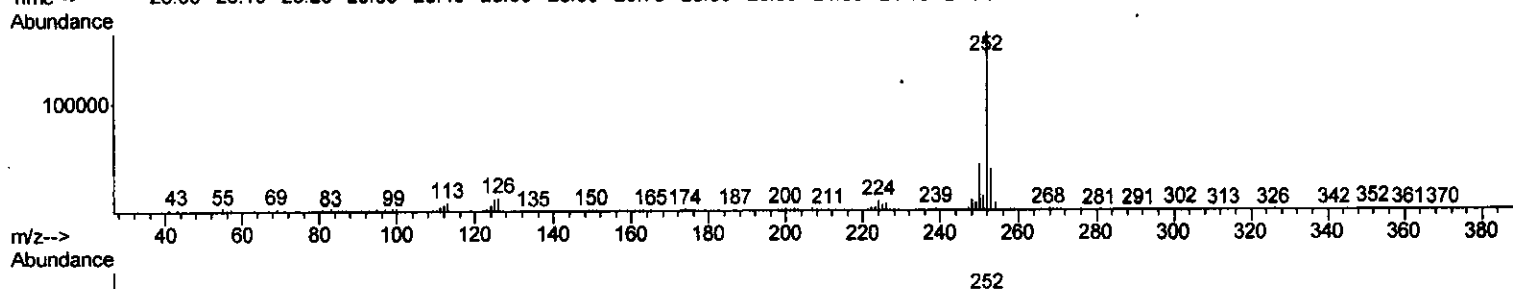
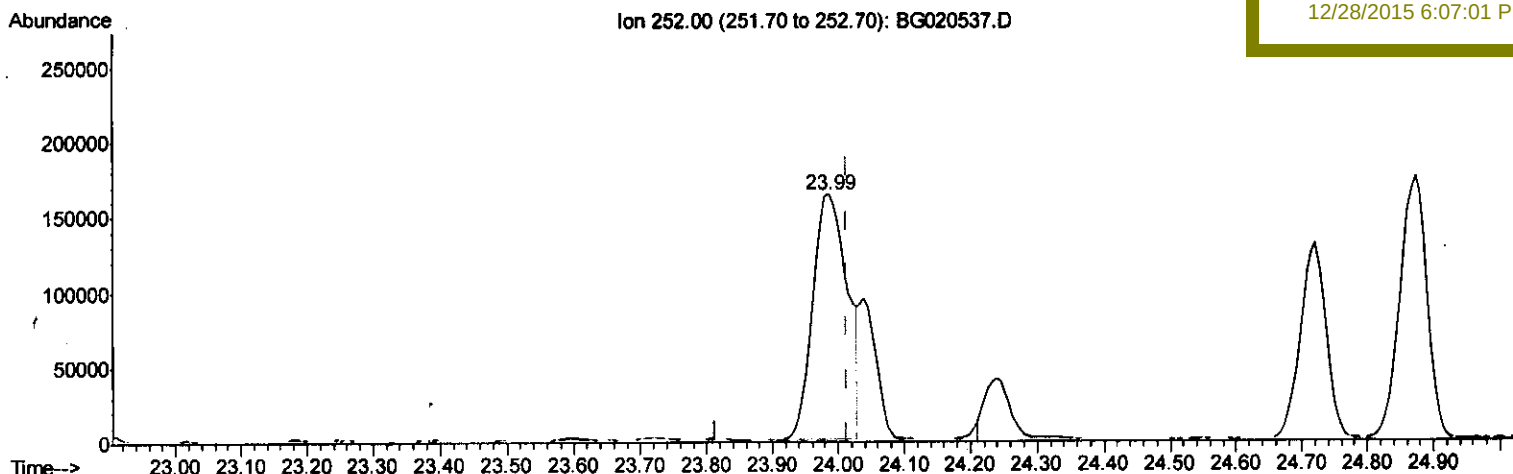
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(89) Benzo(k)fluoranthene

23.986min (-0.027) 48.93ng/ui

response 596311

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.43
125.00	7.20	7.13
0.00	0.00	0.00

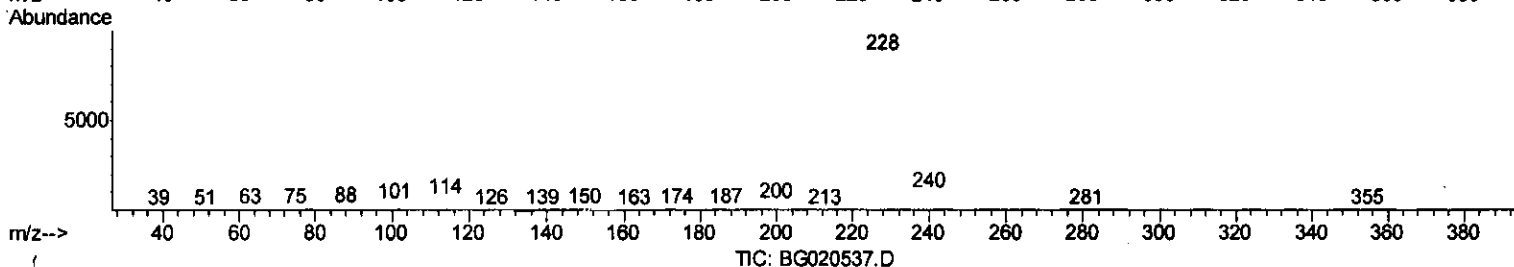
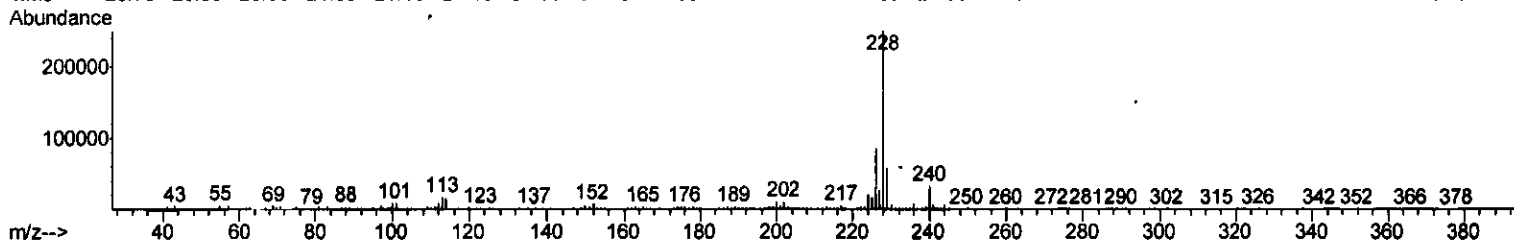
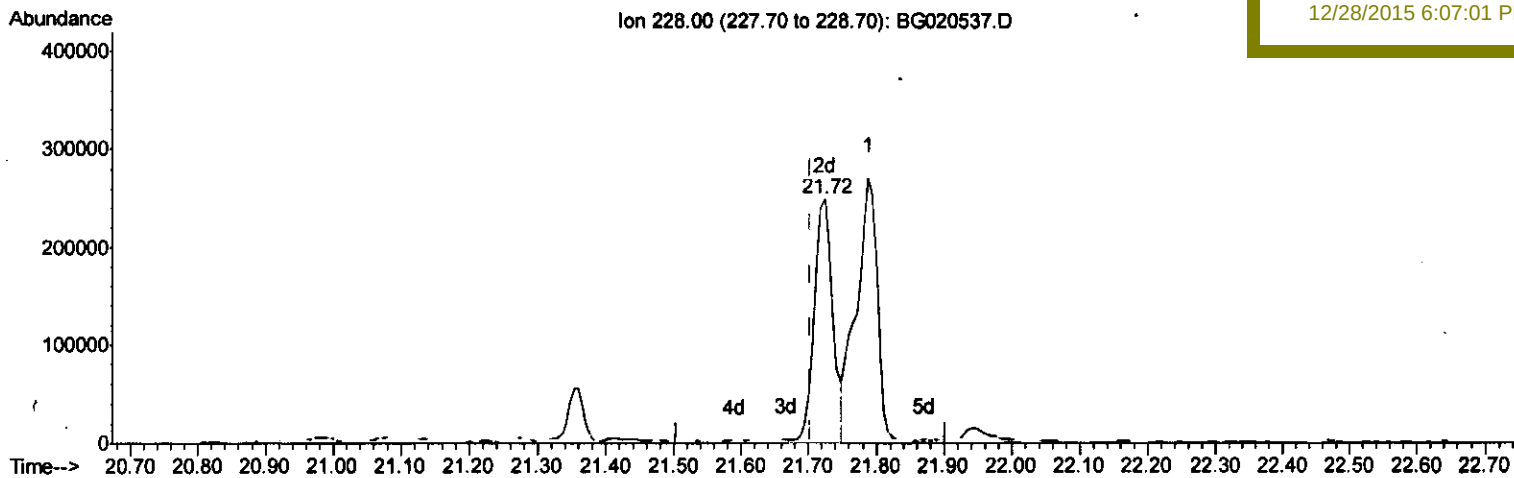
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(83) Benzo(a)anthracene

21.724min (+0.020) 38.51ng/ul m

response 472957

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	23.64
226.00	27.20	34.39#
0.00	0.00	0.00

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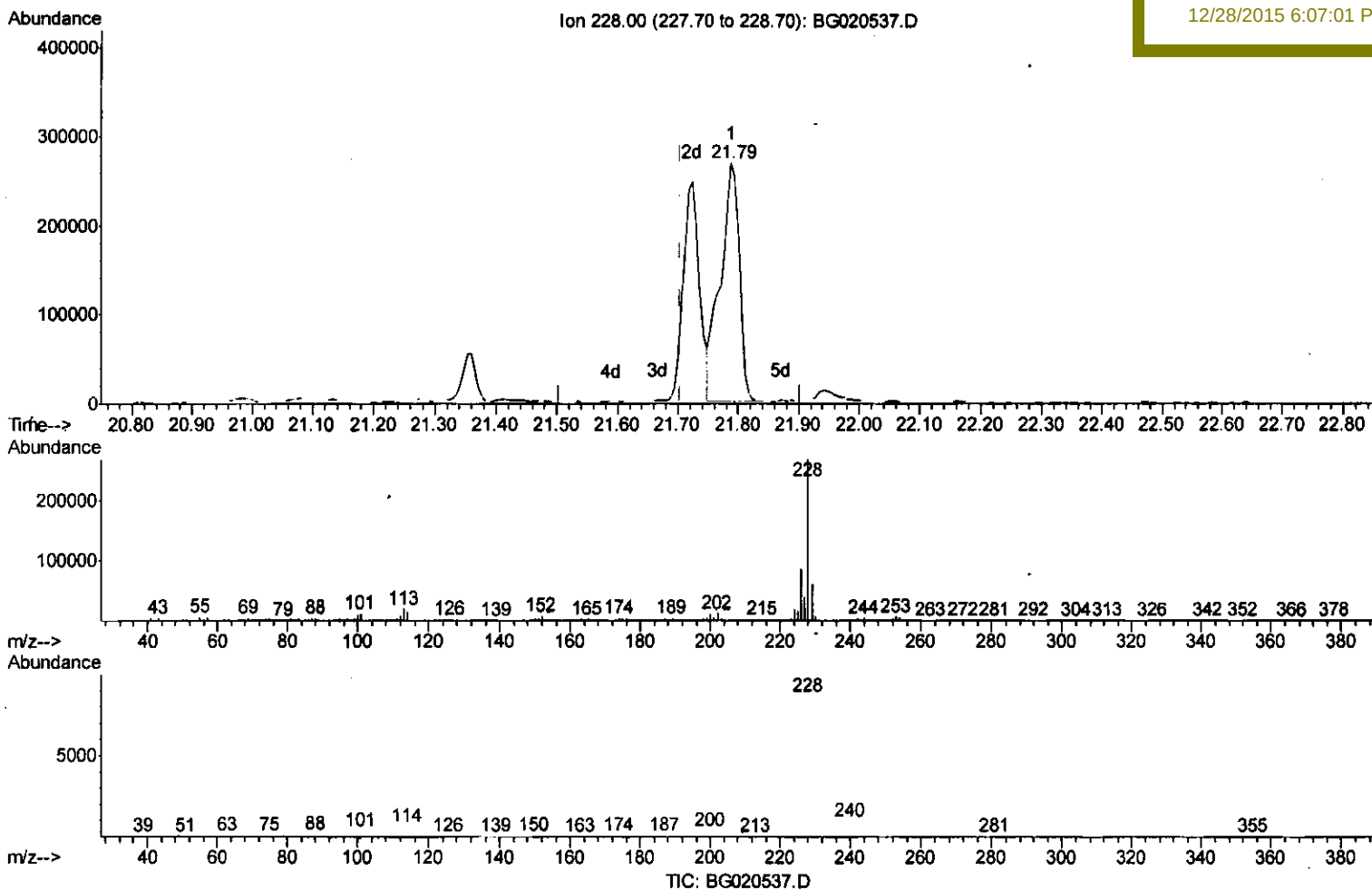
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(83) Benzo(a)anthracene

21.789min (+0.085) 47.59ng/ul

response 584448

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	22.53
226.00	27.20	32.41
0.00	0.00	0.00