

Quantitation Report (Qedit)

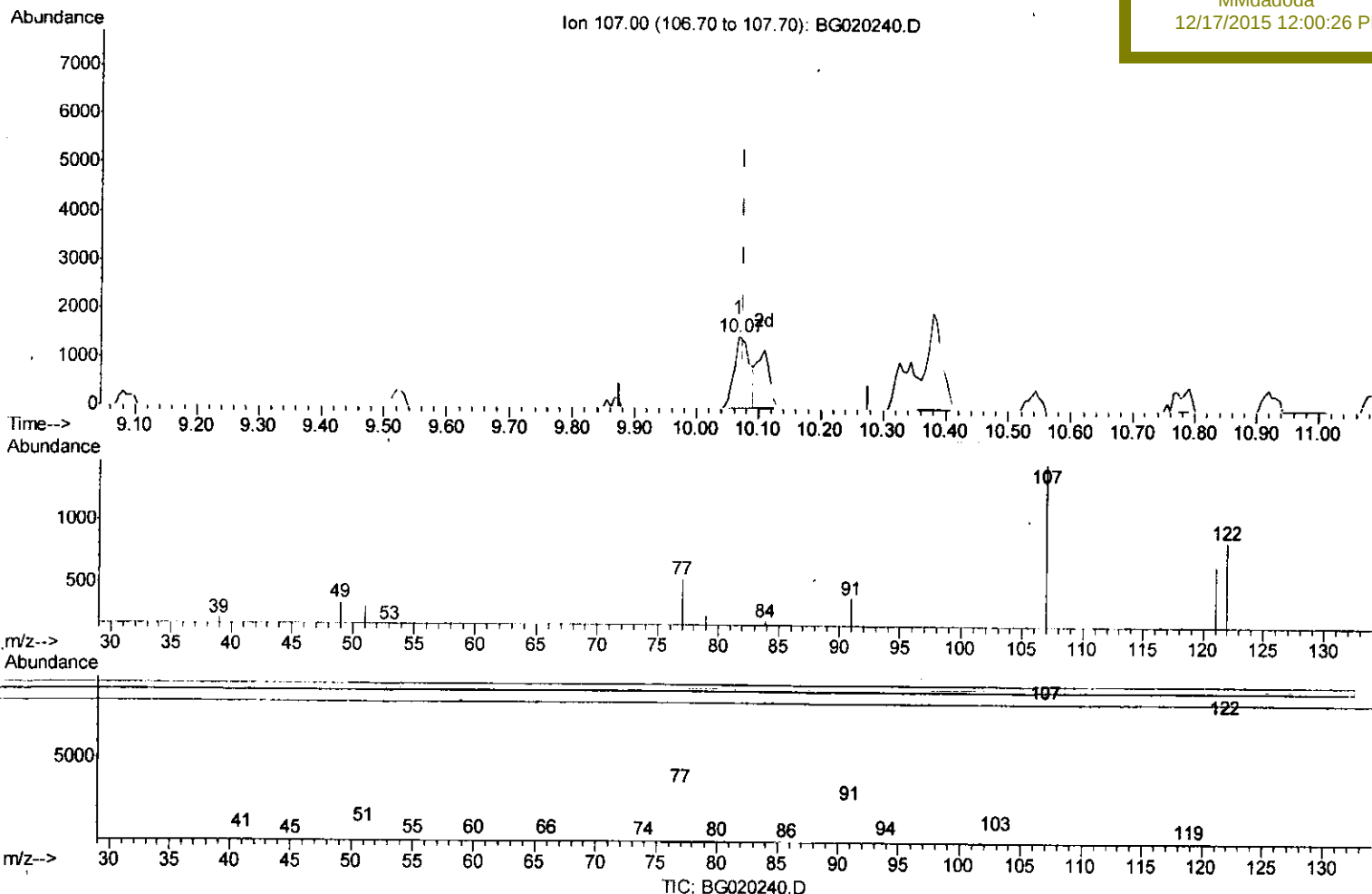
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020240.D
 Acq On : 17 Dec 2015 3:26
 Operator : UM/SJ
 Sample : G4767-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 17 06:09:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 03:53:00 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 Client Sampled :
 D9N42

Manual Integrations
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(24) 2,4-Dimethylphenol

10.067min (-0.009) 1.06ng/ul

response 2622

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	44.84
122.00	77.60	58.02#
0.00	0.00	0.00

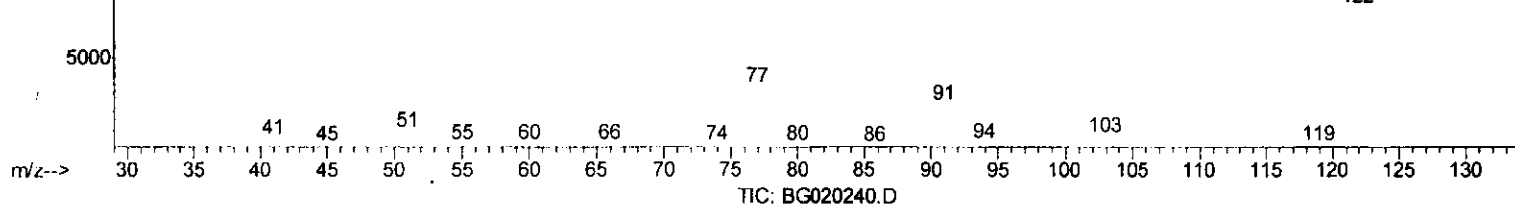
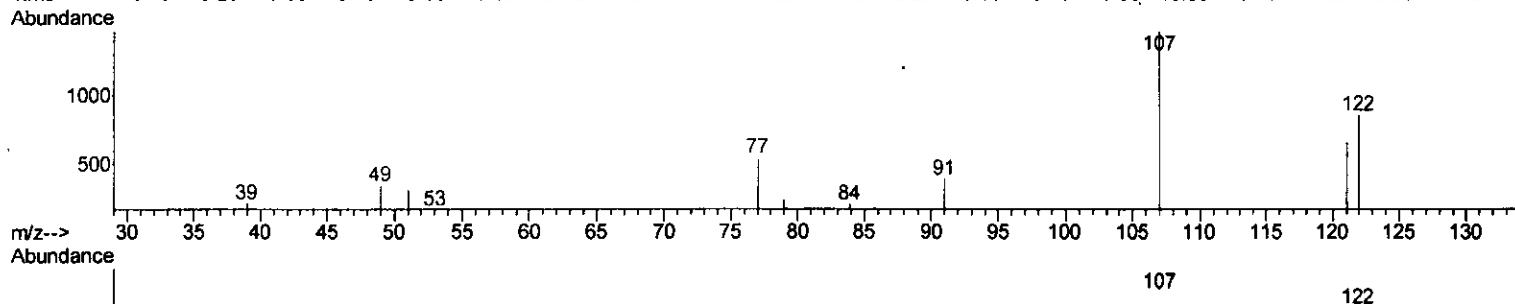
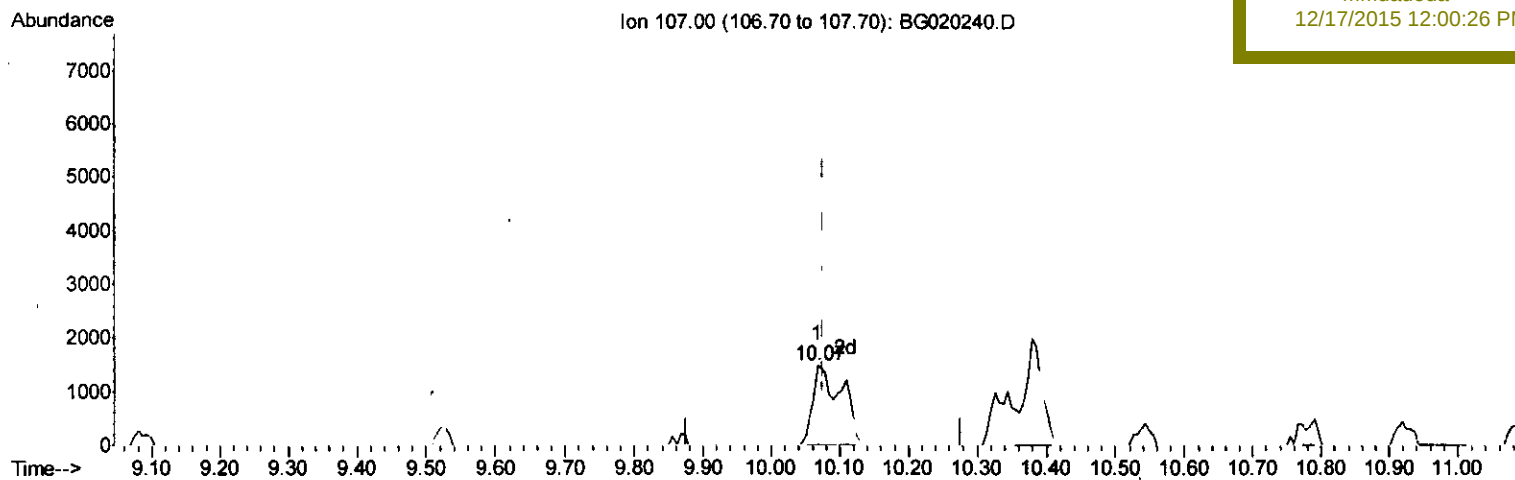
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(24) 2,4-Dimethylphenol

10.067min (-0.009) 1.73ng/ul m

response 4290

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	44.84
122.00	77.60	58.02#
0.00	0.00	0.00

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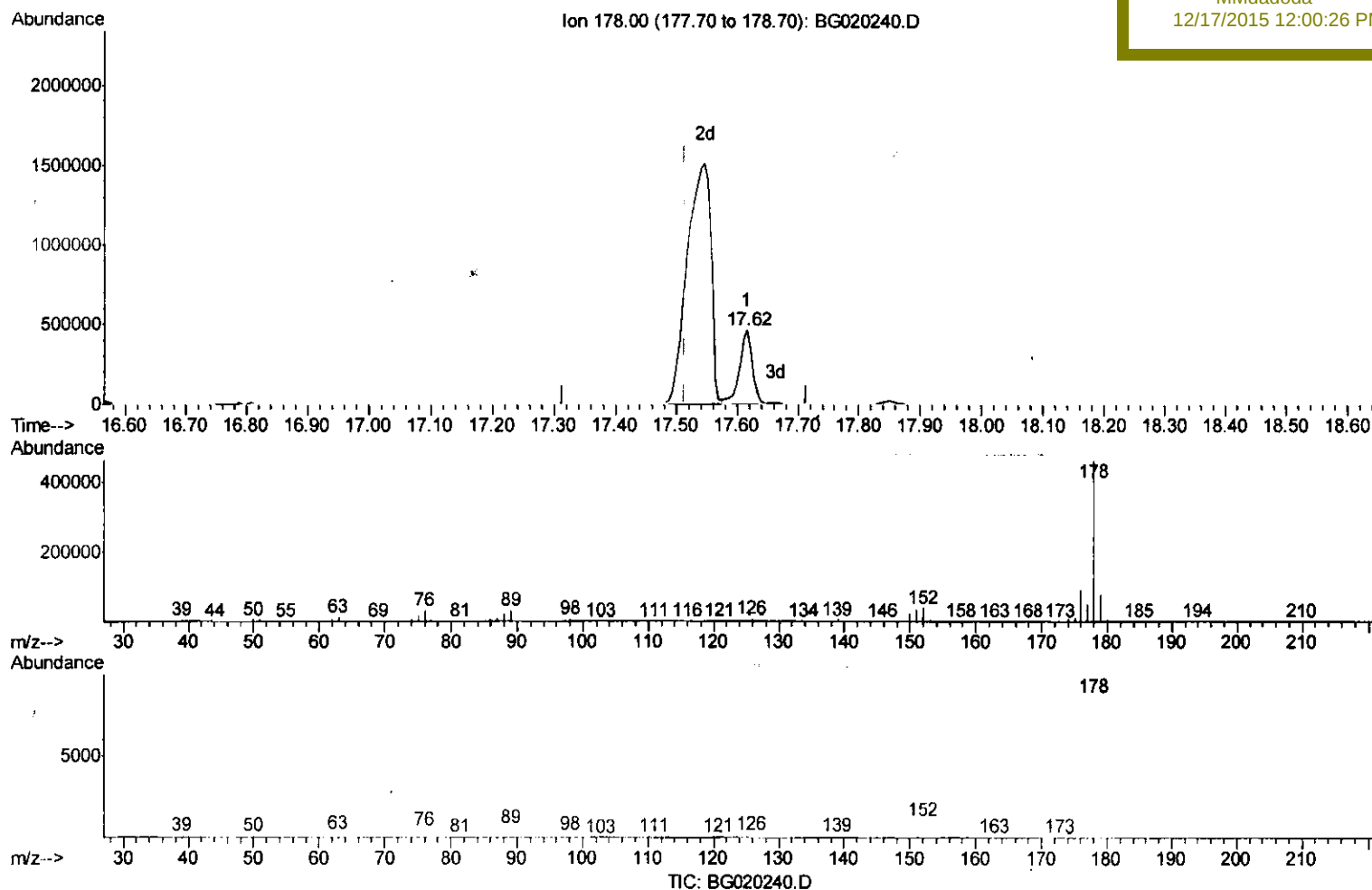
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(70) Phenanthrene

17.617min (+0.103) 65.84ng/ul

response 674672

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	17.20
176.00	19.10	19.82
0.00	0.00	0.00

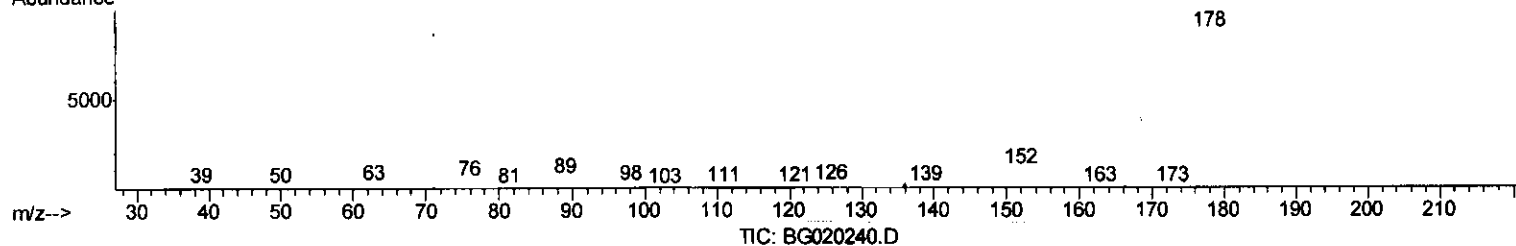
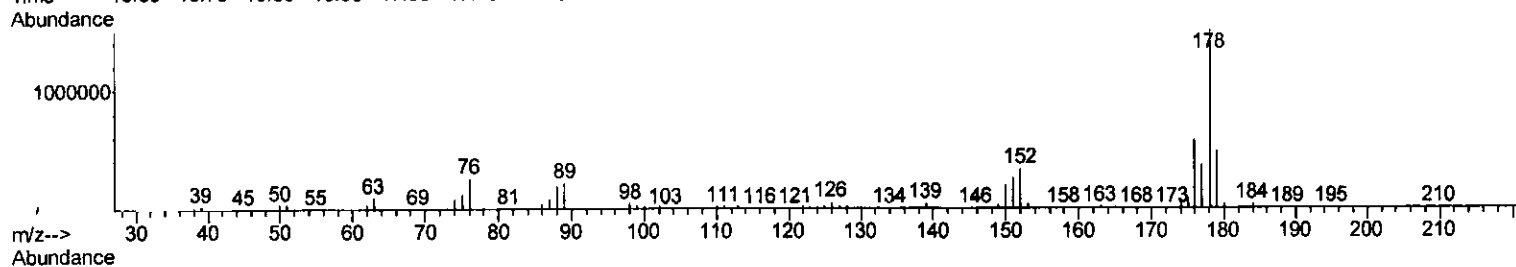
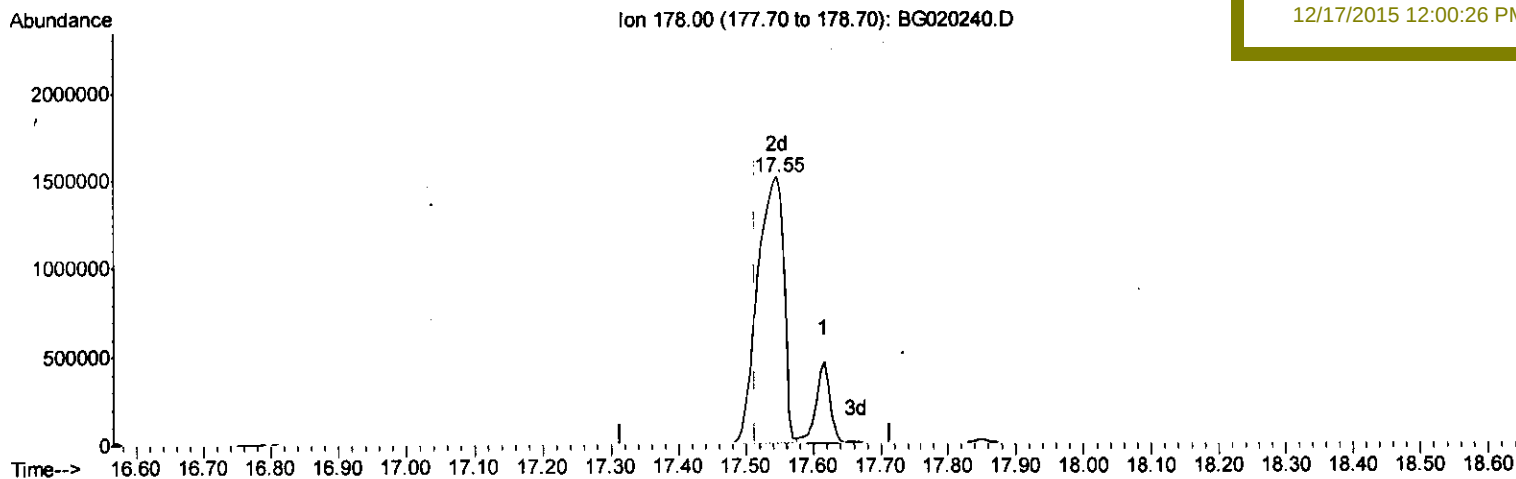
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(70) Phenanthrene

17.547min (+0.033) 396.54ng/ul m

response 4063627

Ion Exp% Act%

178.00 100 100

179.00 16.10 31.98#

176.00 19.10 38.68#

0.00 0.00 0.00

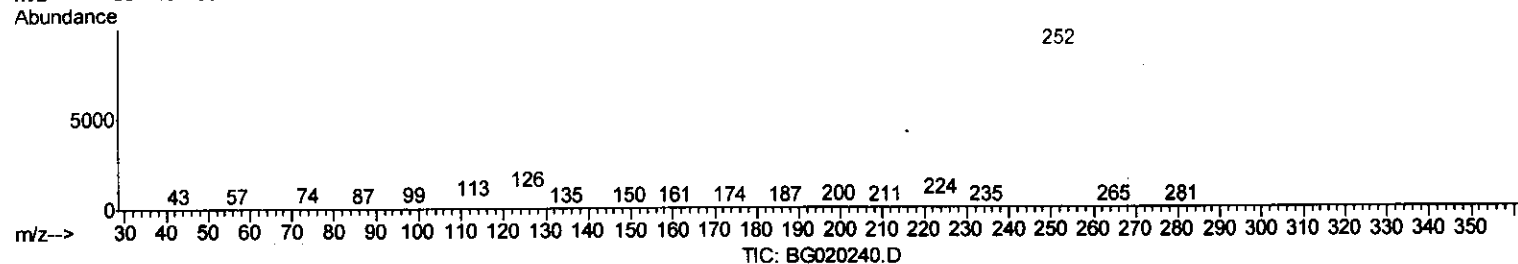
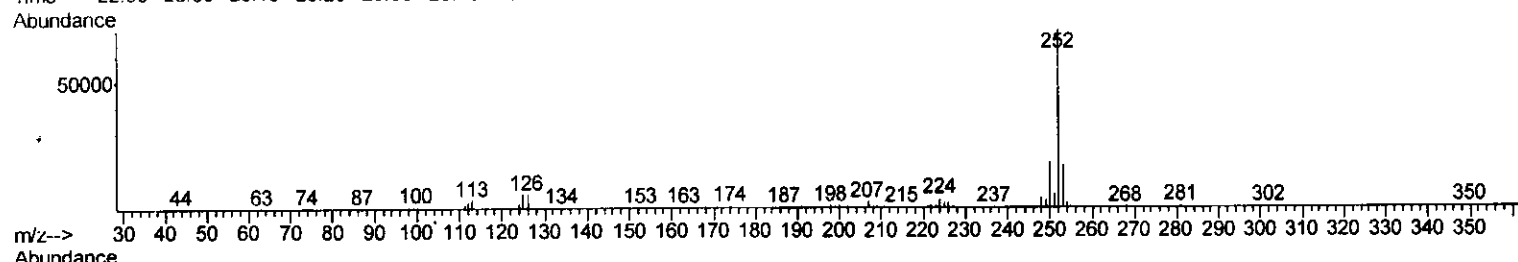
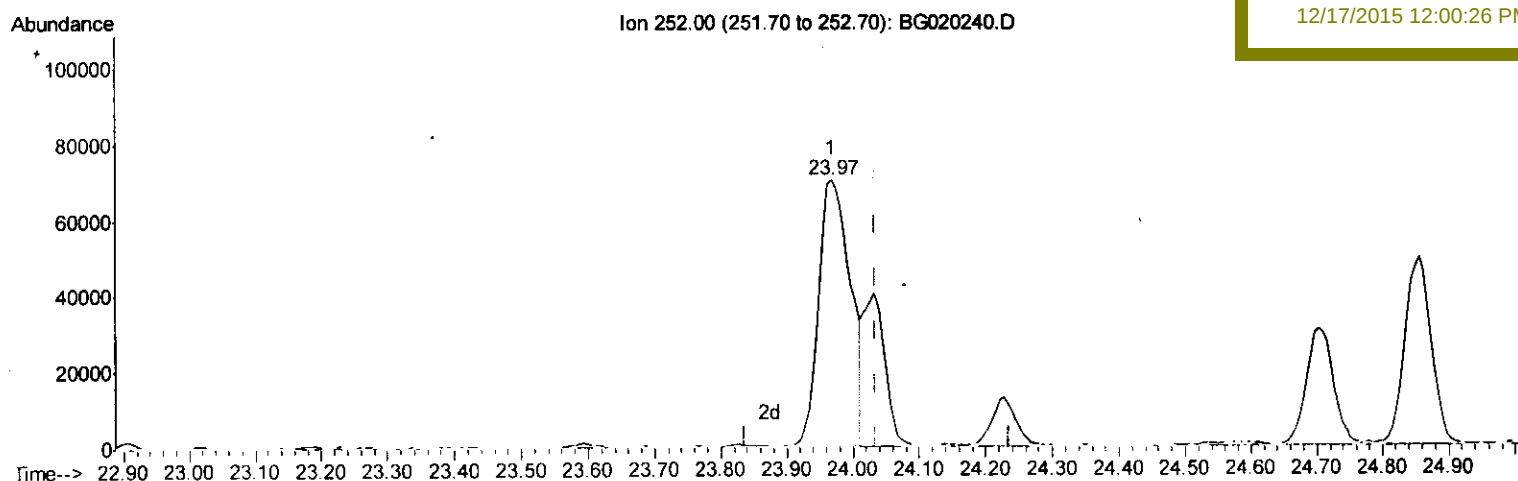
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(89) Benzo(k)fluoranthene

23.969min (-0.067) 19.26ng/ul

response 231548

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.94
125.00	7.20	8.30
0.00	0.00	0.00

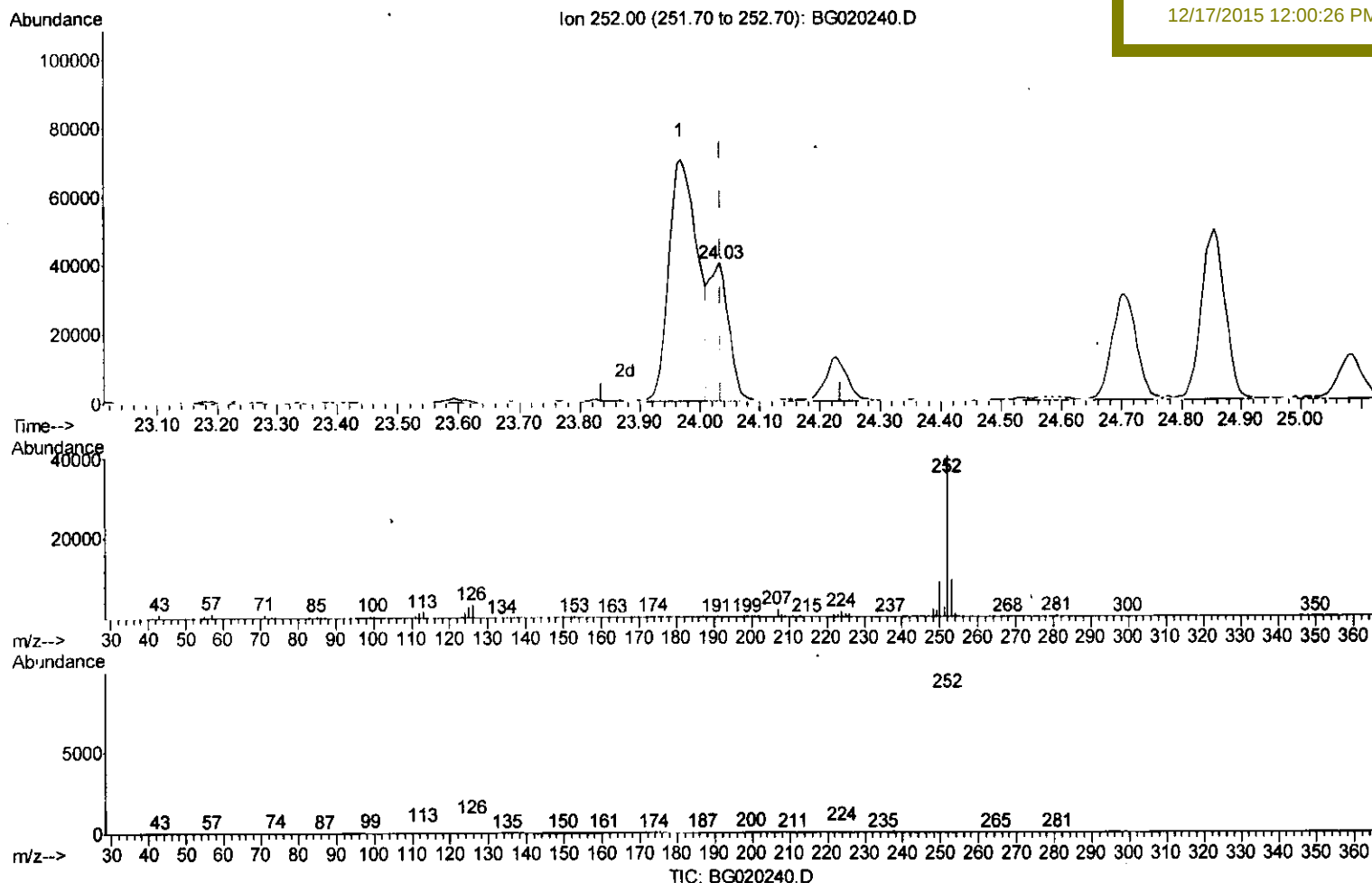
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(89) Benzo(k)fluoranthene

24.033min (-0.003) 7.54ng/ul m

response 90627

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.31
125.00	7.20	7.05
0.00	0.00	0.00

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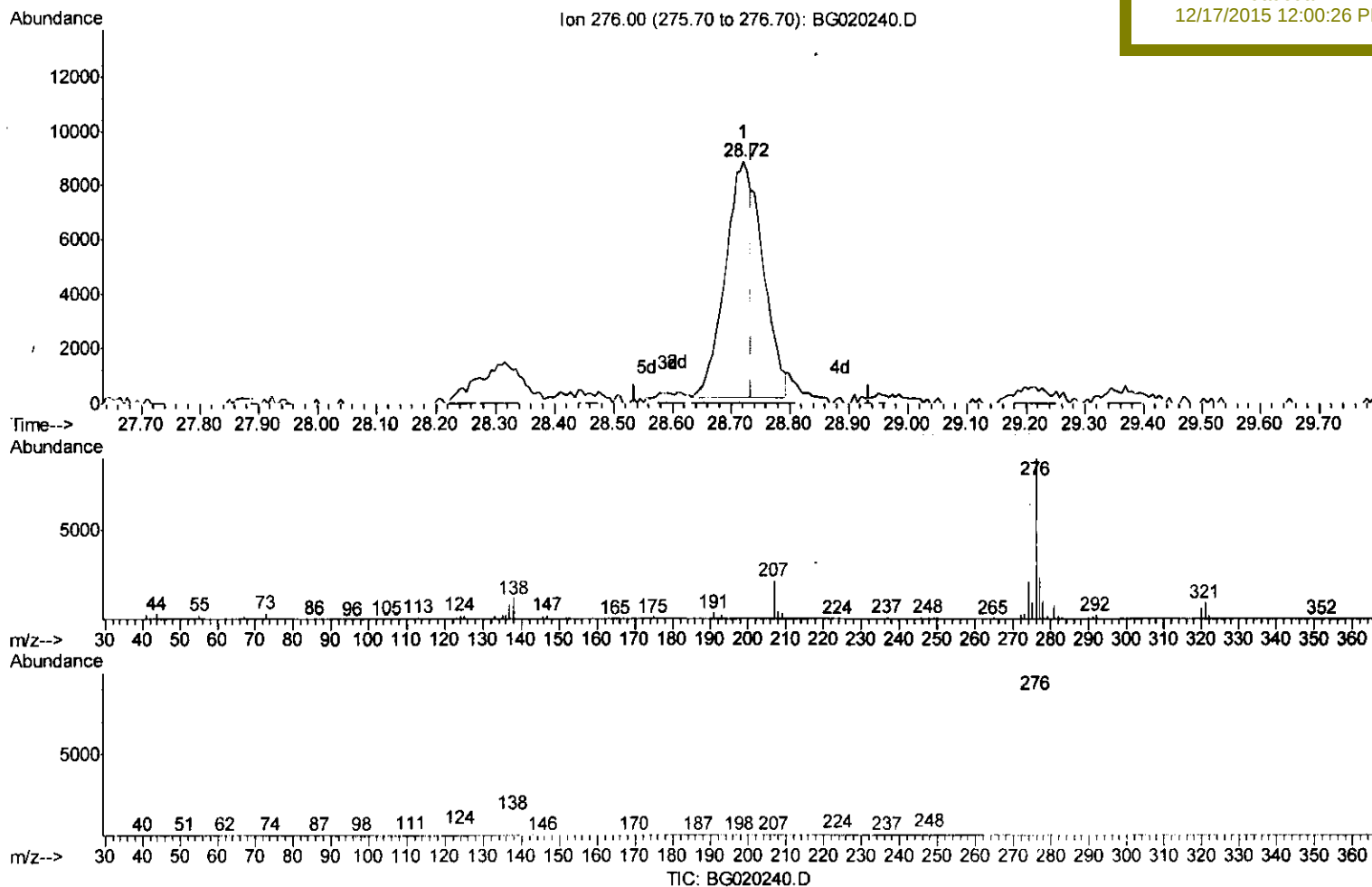
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(92) Indeno(1,2,3-cd)pyrene

28.722min (-0.014) 2.72ng/ul

response 38508

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	14.43
277.00	21.70	27.18#
0.00	0.00	0.00

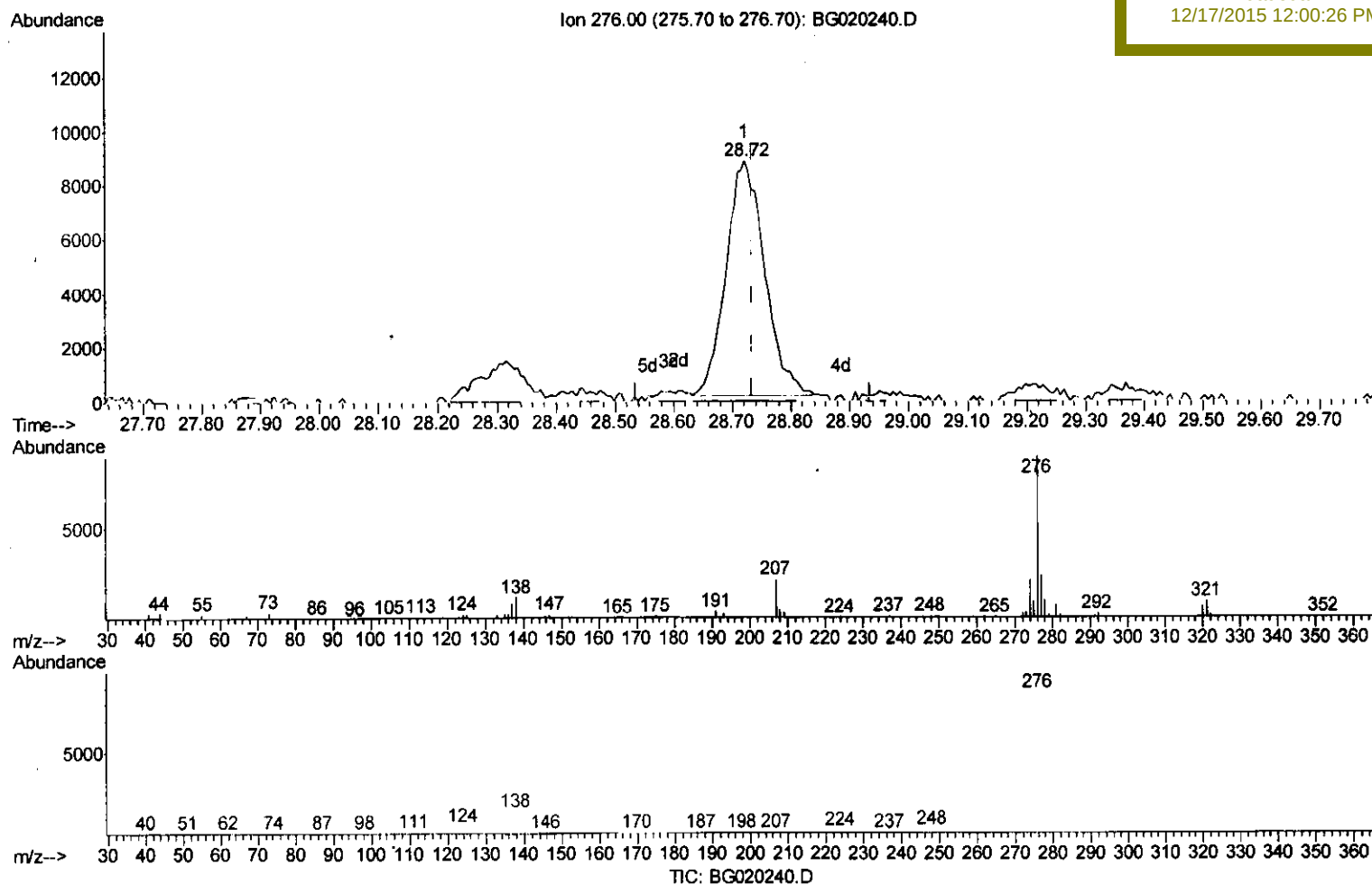
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(92) Indeno(1,2,3-cd)pyrene

28.722min (-0.014) 2.79ng/ul m

response 39485

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	14.43
277.00	21.70	27.18#
0.00	0.00	0.00

20.11
28/12/15

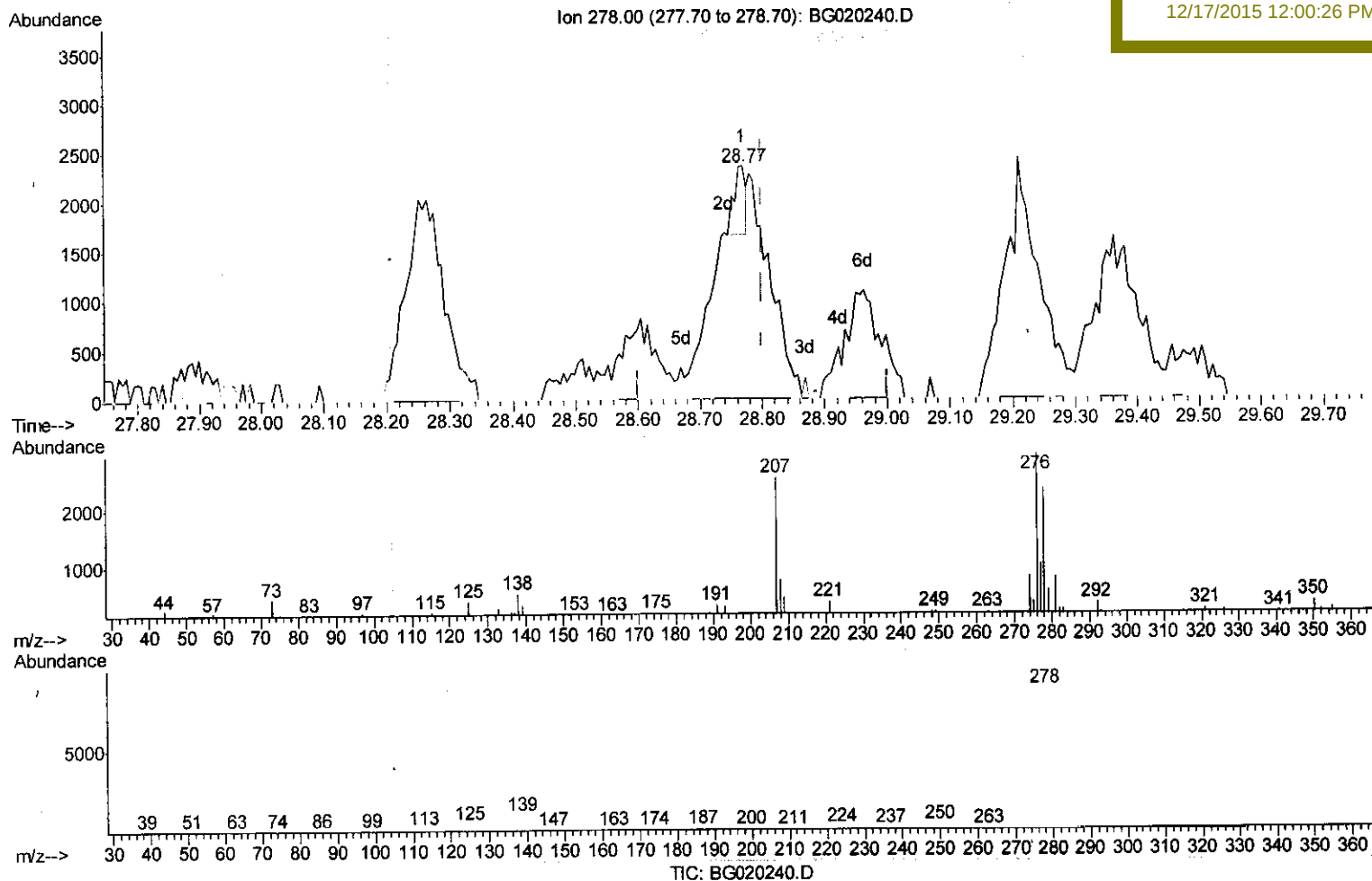
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(93) Dibenzo(a,h)anthracene

28.769min (-0.032) 0.08ng/ul

response 918

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	13.89
279.00	24.20	23.60
0.00	0.00	0.00

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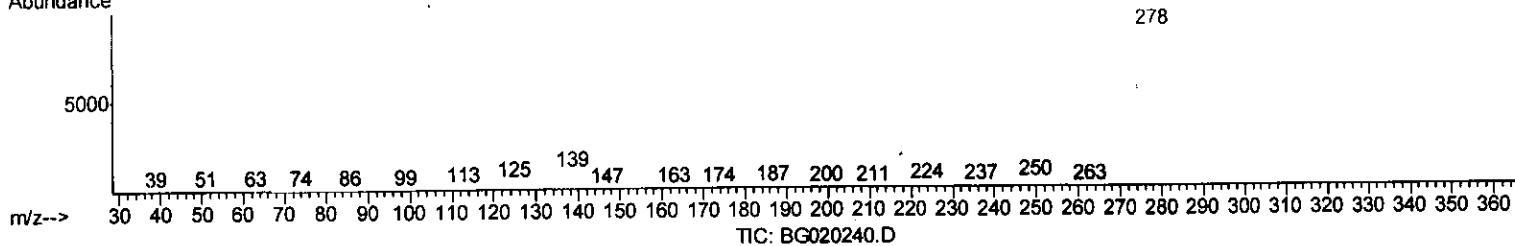
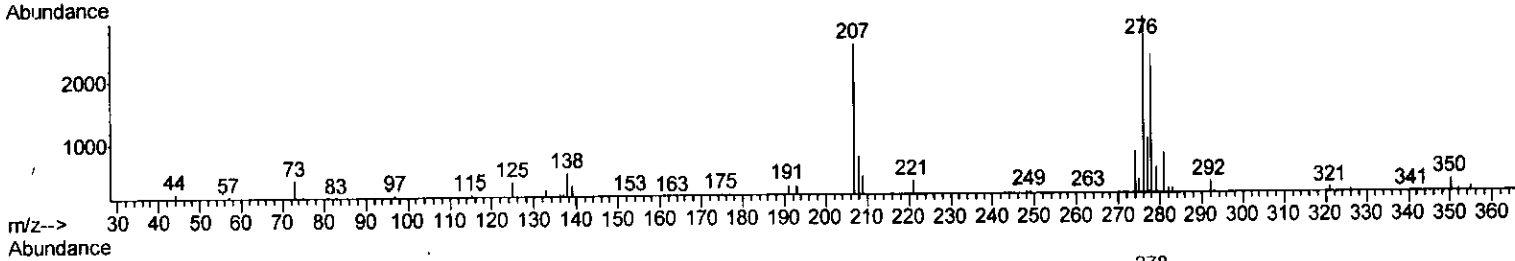
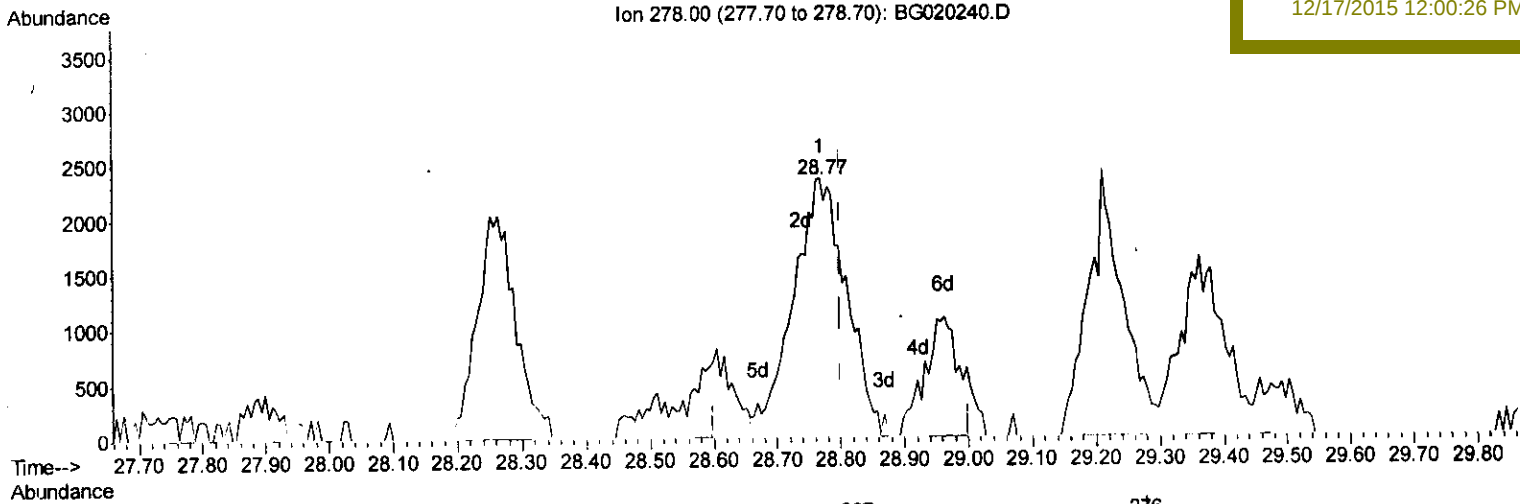
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 12/17/2015 12:00:26 PM



(93) Dibenzo(a,h)anthracene

28.769min (-0.032) 1.17ng/ul m

response 13693

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	13.89
279.00	24.20	23.60
0.00	0.00	0.00

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 ALS Vial : 26 Sample Multiplier: 1

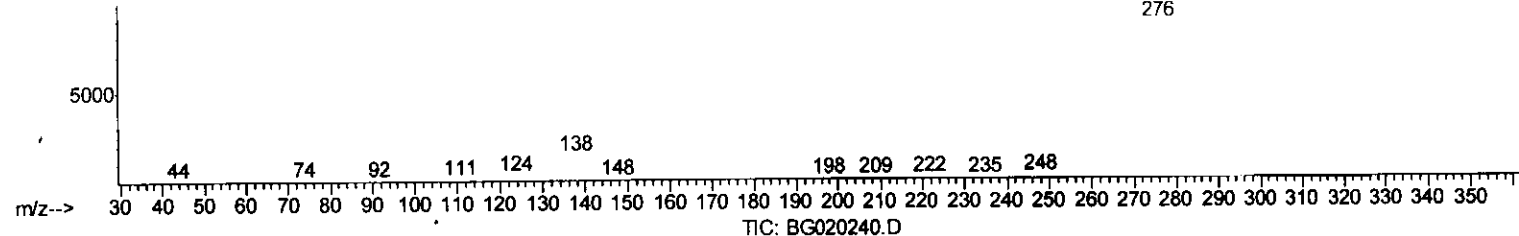
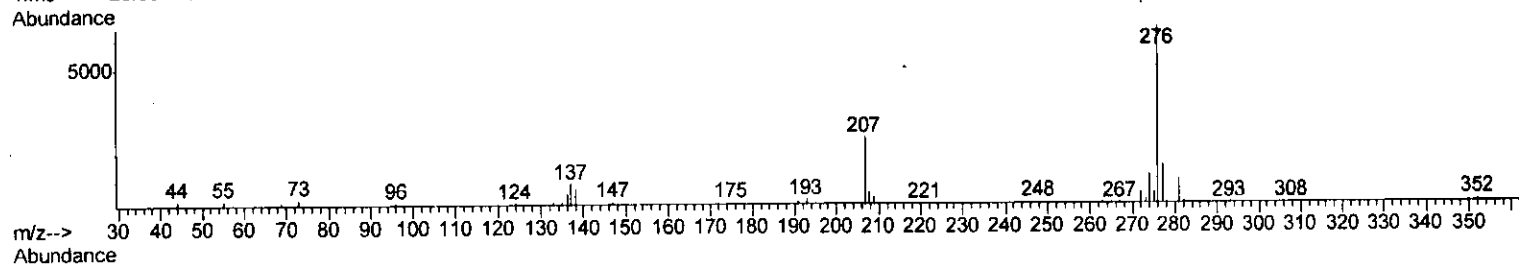
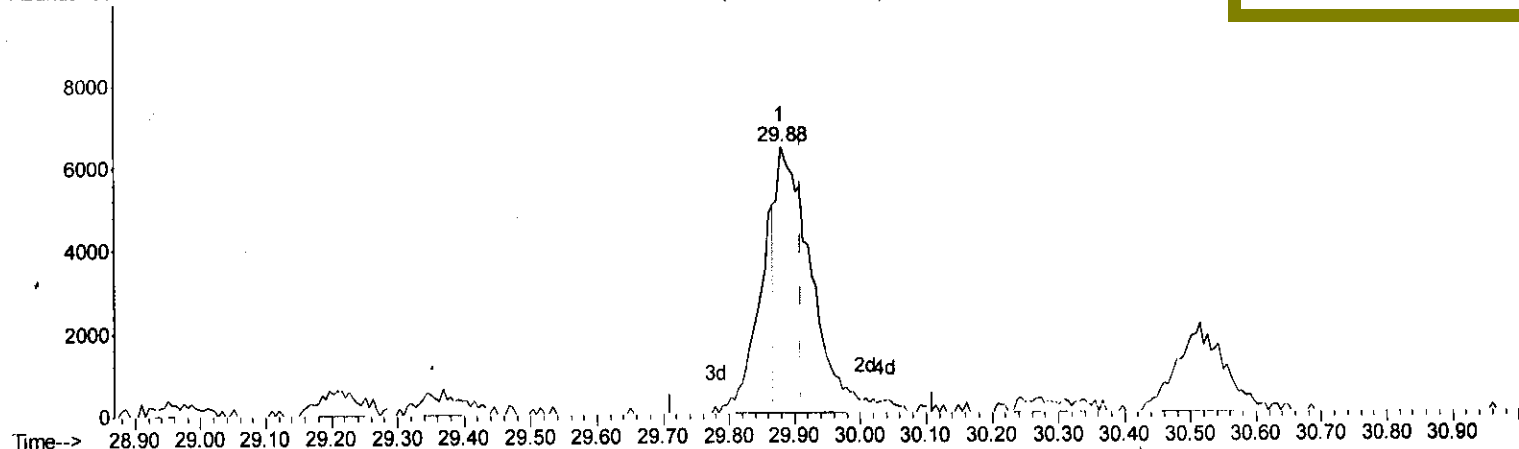
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Manual Integrations
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 12/17/2015 12:00:26 PM

Abundance Ion 276.00 (275.70 to 276.70): BG020240.D



TIC: BG020240.D

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

29.879min (-0.032) 1.82ng/ul

response 21131

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	10.77#
277.00	24.90	23.53
0.00	0.00	0.00

Quantitation Report (Qedit)

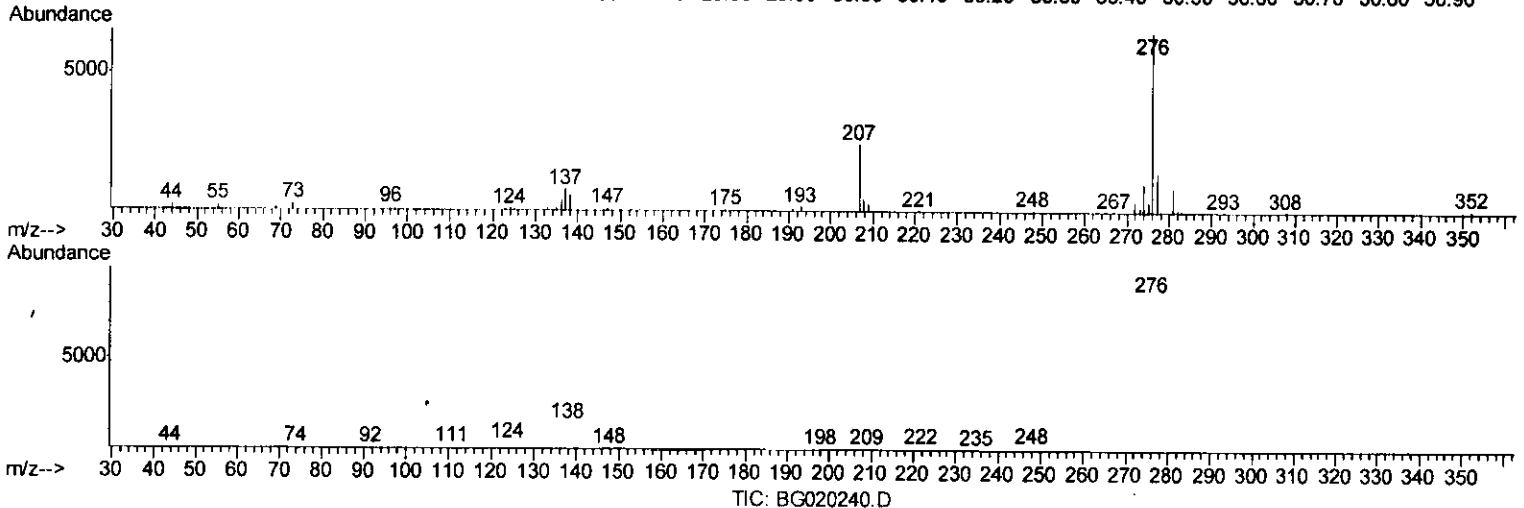
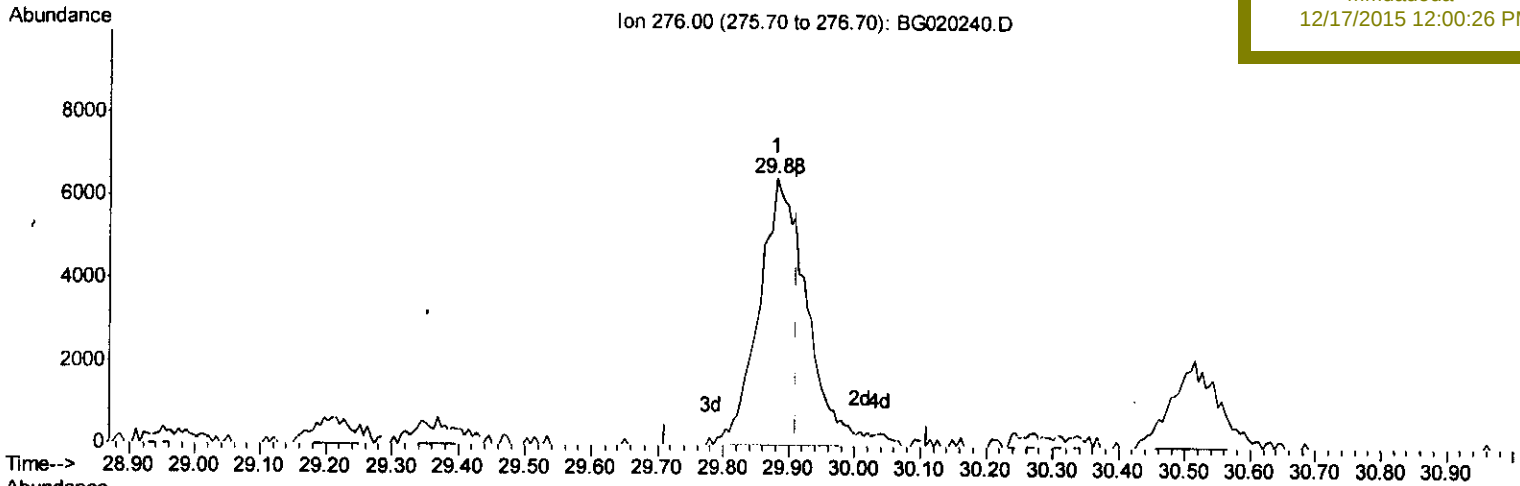
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020240.D
 Acq On : 17 Dec 2015 3:26
 Operator : UM/SJ
 Sample : G4/67-20
 Misc :
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Manual Integrations
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(94) Benzo(g,h,i)perylene

29.879min (-0.032) 2.87ng/ul m

response 33309

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	10.77#
277.00	24.90	23.53
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	25020	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	117457	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	84061	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	187350	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	217030	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	208109	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.47	96	2013	4.44	ng/ul	0.00
5) Phenol-d5	7.25	99	60130	27.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	36578	27.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	46961	29.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	54867	29.08	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	25630	27.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	30753	30.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	57184	27.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	73712	31.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	187179	27.53	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	183567	23.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	30038	24.63	ng/ul	0.00
56) Fluorene-d10	15.72	176	134543	21.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	18210	16.40	ng/ul	0.01
71) Anthracene-d10	17.58	188	205245	23.78	ng/ul	0.01
79) Pyrene-d10	19.86	212	235562	23.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	268922	25.91	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.28	94	4251	1.80	ng/ul	92
16) 4-Methylphenol	8.86	108	3427	1.72	ng/ul	98
24) 2,4-Dimethylphenol	10.07	107	4290m	1.73	ng/ul	98
28) Naphthalene	10.98	128	2722056	443.78	ng/ul#	85
34) 2-Methylnaphthalene	12.57	142	866195	184.88	ng/ul	97
35) 1-Methylnaphthalene	12.79	142	435964	96.79	ng/ul#	98
41) 1,1'-Biphenyl	13.56	154	352979	55.66	ng/ul	96
45) Dimethylphthalate	14.17	163	90280	13.00	ng/ul	98
48) Acenaphthylene	14.45	152	124851	14.86	ng/ul#	97
50) Acenaphthene	14.81	153	1406715	248.77	ng/ul	94
54) Dibenzofuran	15.13	168	1451071	172.50	ng/ul	90
59) Fluorene	15.78	166	1367182	202.39	ng/ul#	98
70) Phenanthrene	17.55	178	4063627m	396.54	ng/ul	96
72) Anthracene	17.62	178	674672	64.91	ng/ul	96
75) Carbazole	17.88	167	597849	68.46	ng/ul	98
77) Fluoranthene	19.53	202	2531381	211.36	ng/ul#	88
80) Pyrene	19.89	202	1915035	145.79	ng/ul#	94
83) Benzo(a)anthracene	21.72	228	515727	40.73	ng/ul	96
85) Chrysene	21.79	228	413310	34.65	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	231548	18.49	ng/ul	95
89) Benzo(k)fluoranthene	24.03	252	90627m	7.54	ng/ul	97
91) Benzo(a)pyrene	24.86	252	134056	11.29	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.72	276	39485m	2.79	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) Dibenzo(a,h)anthracene	28.77	278	13693m	1.17 ng/ul	
94) Benzo(g,h,i)perylene	29.88	276	33309m	2.87 ng/ul	

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

9 28/12/15

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