

Quantitation Report (QT Reviewed)

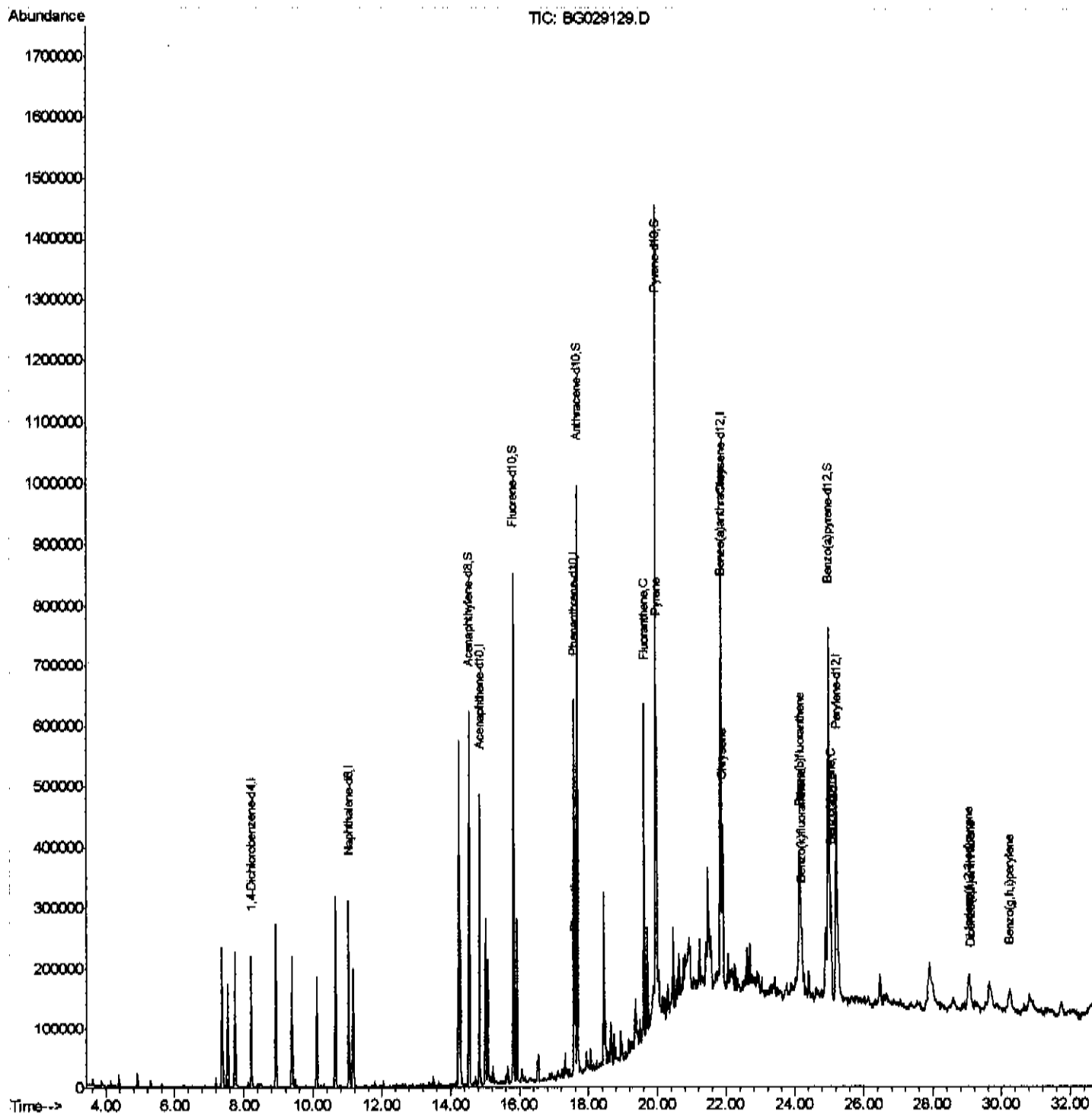
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029129.D
 Acq On : 10 Oct 2017 5:18
 Operator : SJ/JU
 Sample : I5578-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAHA7

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:04:09 PM

Quant Time: Oct 10 07:15:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
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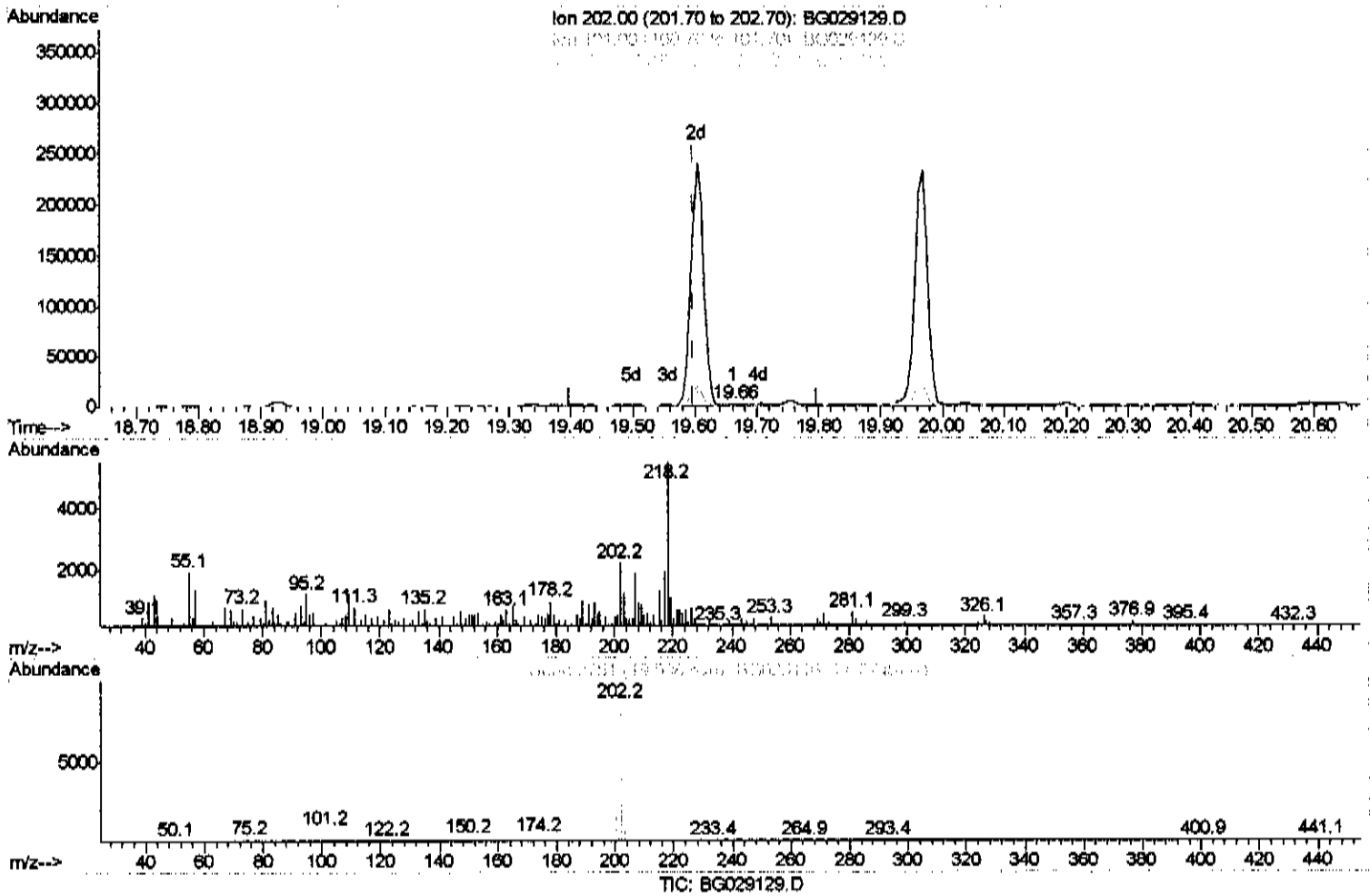
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(16) Fluoranthene (C)

19.662min (+0.065) 0.07ng/ul

response 1690

Ion	Exp%	Act%
202.00	100	100
101.00	12.40	10.95
100.00	9.20	7.56
0.00	0.00	0.00

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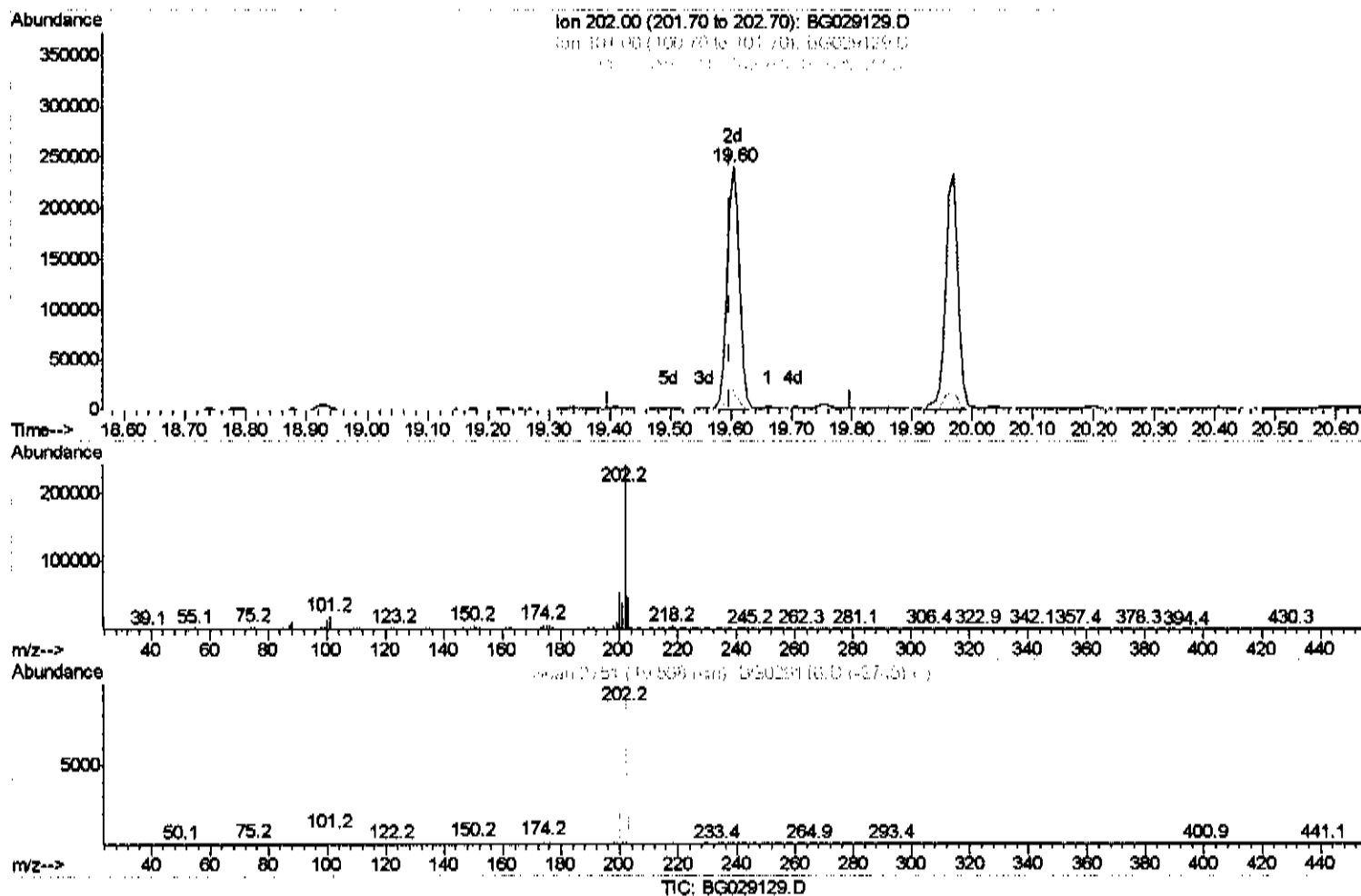
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(16) Fluoranthene (C)

19.604min (+0.006) 13.74ng/ml

response 341167

Ion	Exp%	Act%
202.00	100	100
101.00	12.40	8.06#
100.00	9.20	5.76#
0.00	0.00	0.00

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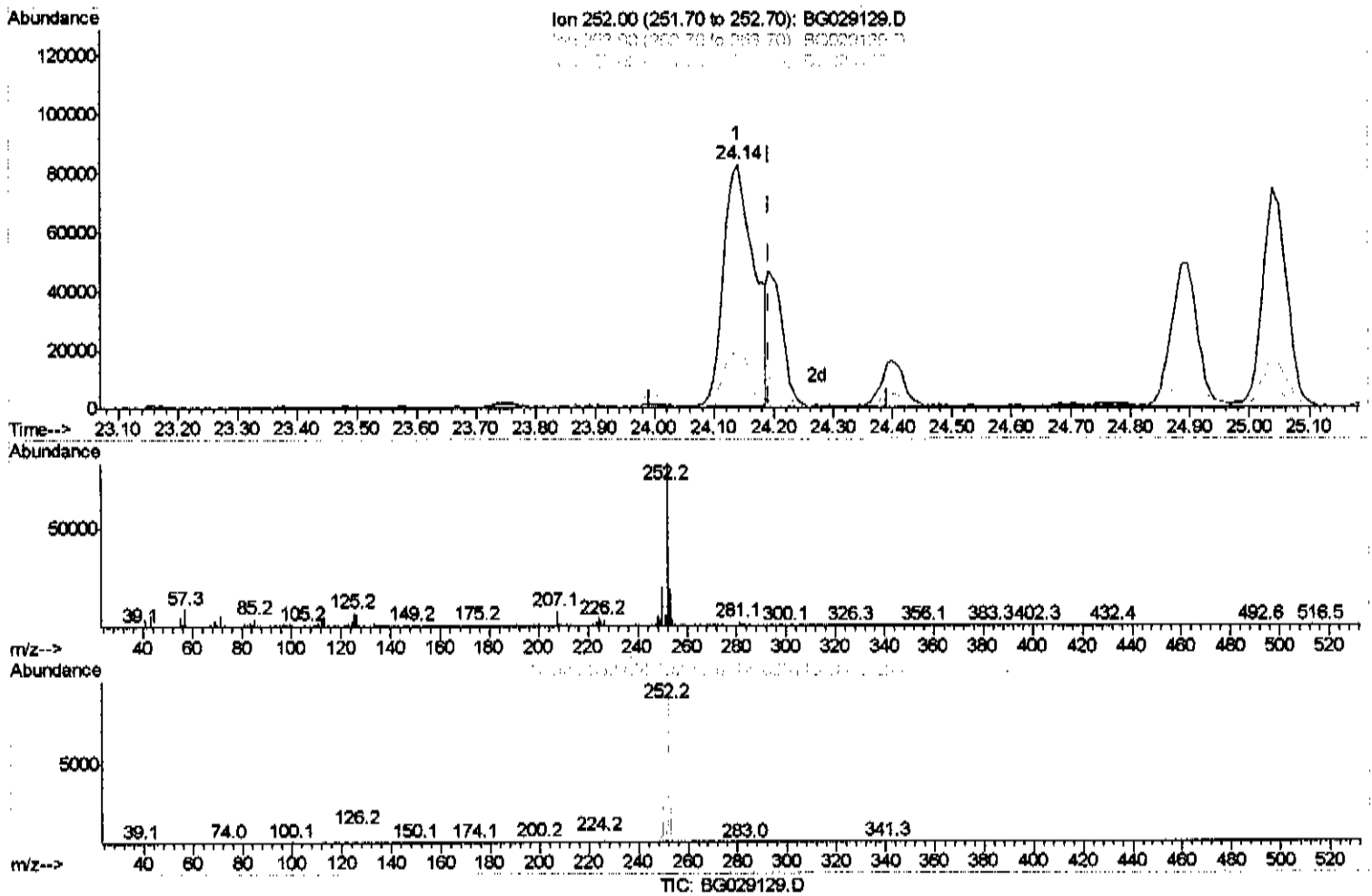
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(24) Benzo(k)fluoranthene

24.139min (-0.053) 11.64ng/ul

response 295550

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.42
125.00	10.10	8.51
0.00	0.00	0.00

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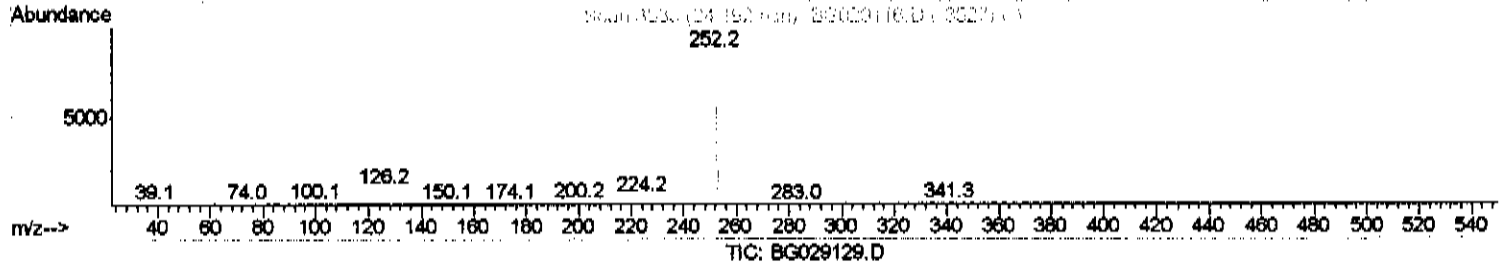
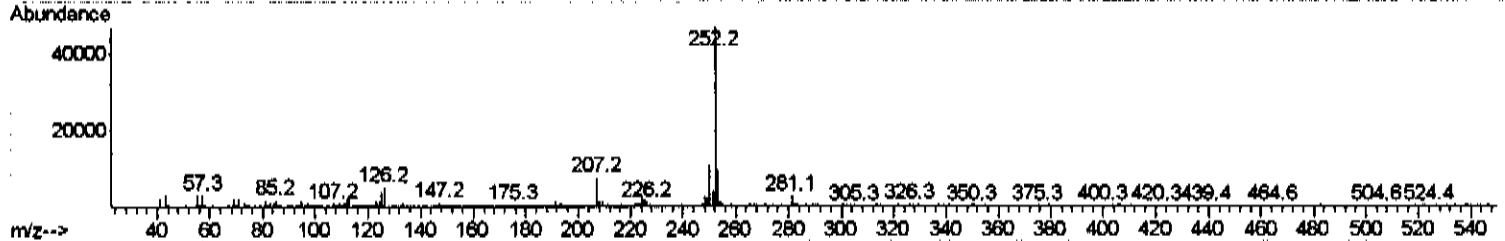
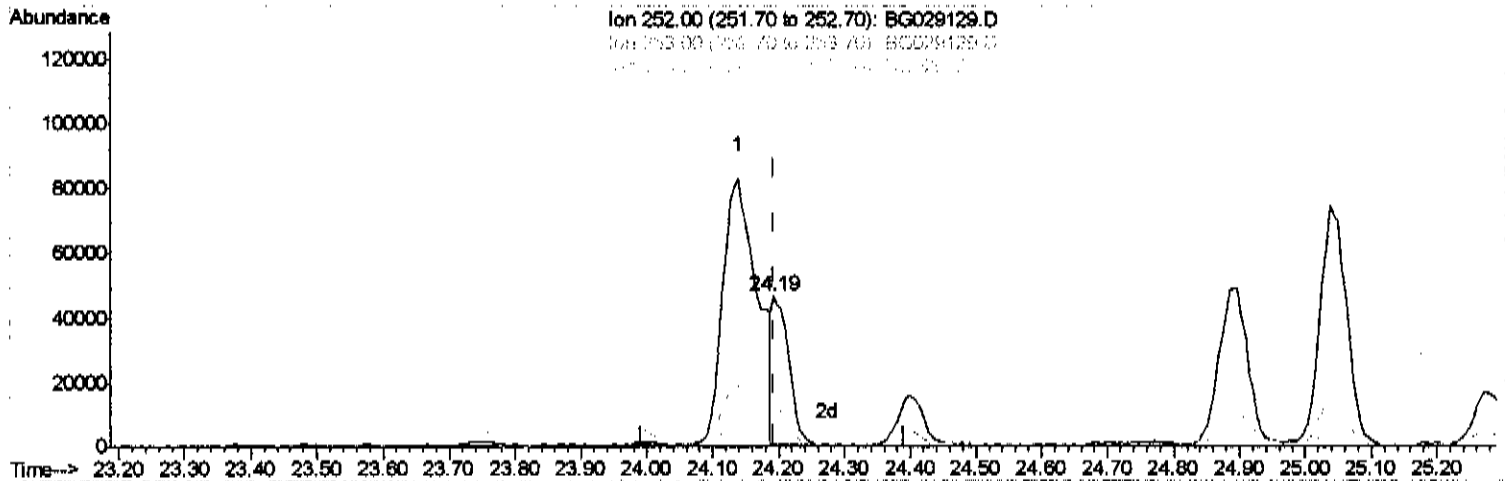
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(24) Benzo(k)fluoranthene

24.191min (-0.000) 3.21ng/ul m *juv 10/11/17*
 response 81442

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	20.80
125.00	10.10	8.42
0.00	0.00	0.00

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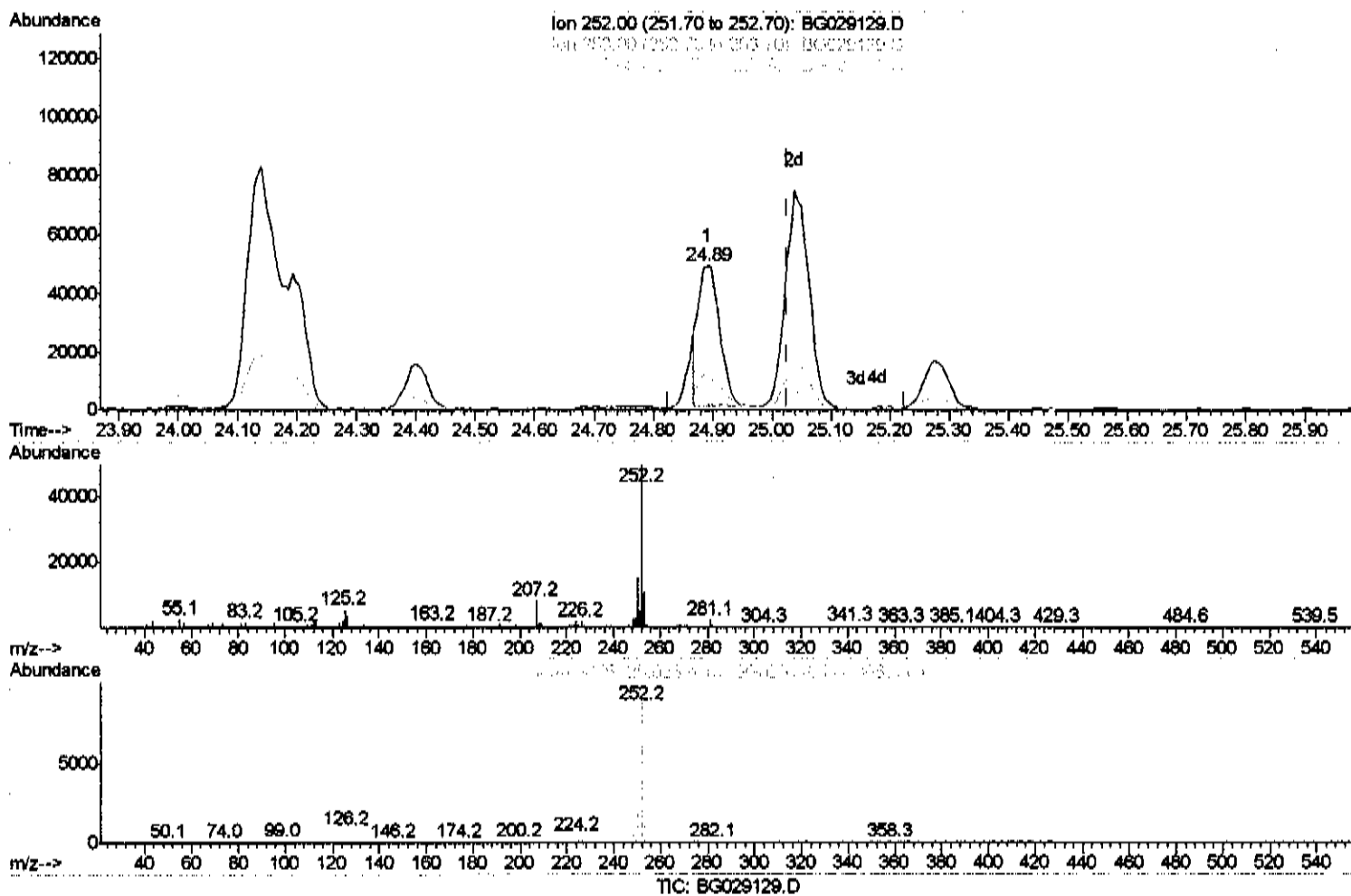
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(26) Benzo(a)pyrene (C)

24.891min (-0.135) 4.78ng/ul

response 120889

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.83
125.00	10.30	10.72
0.00	0.00	0.00

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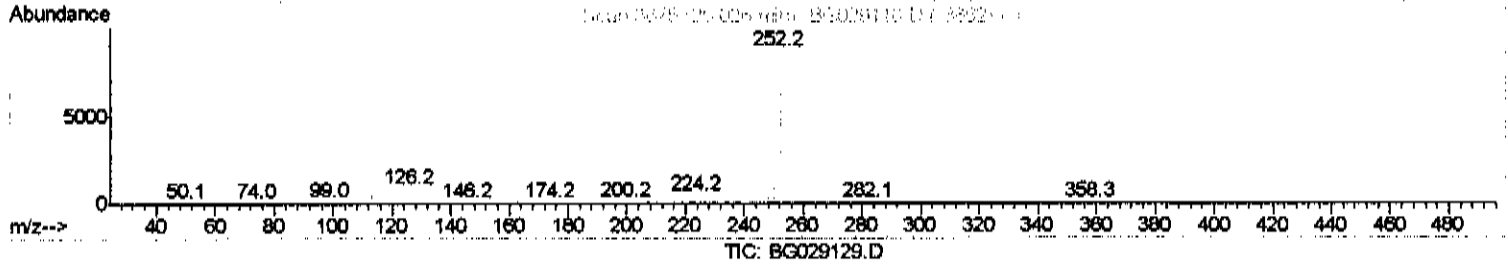
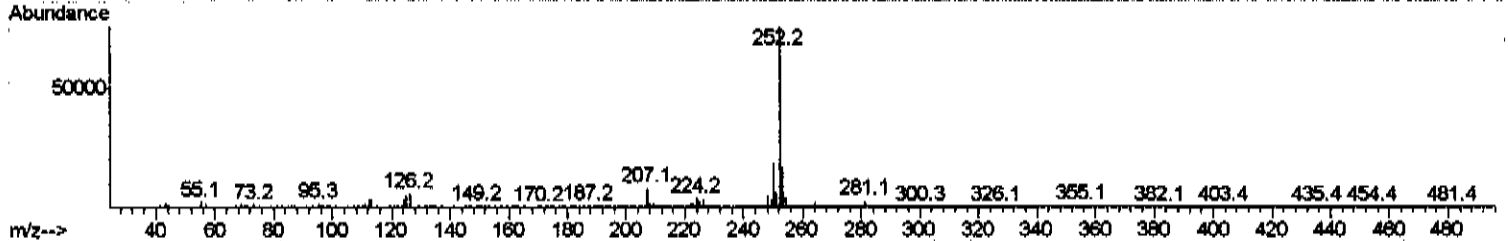
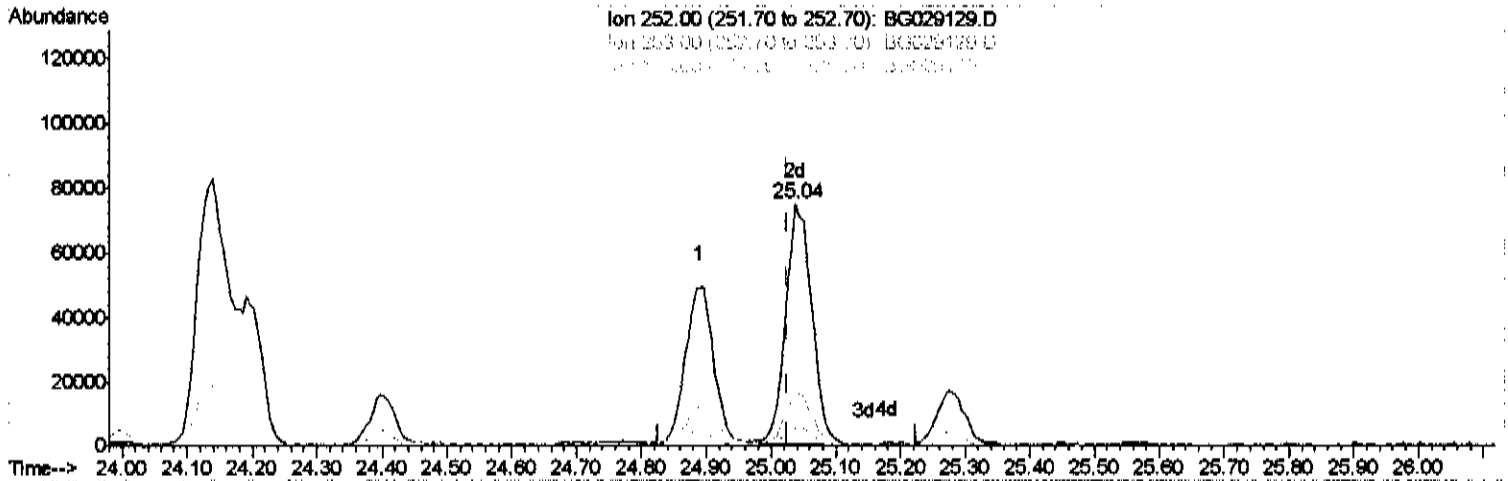
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(26) Benzo(a)pyrene (C)

25.037min (+0.012) 8.18ng/ul m

response 206802

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.05
125.00	10.30	7.18#
0.00	0.00	0.00

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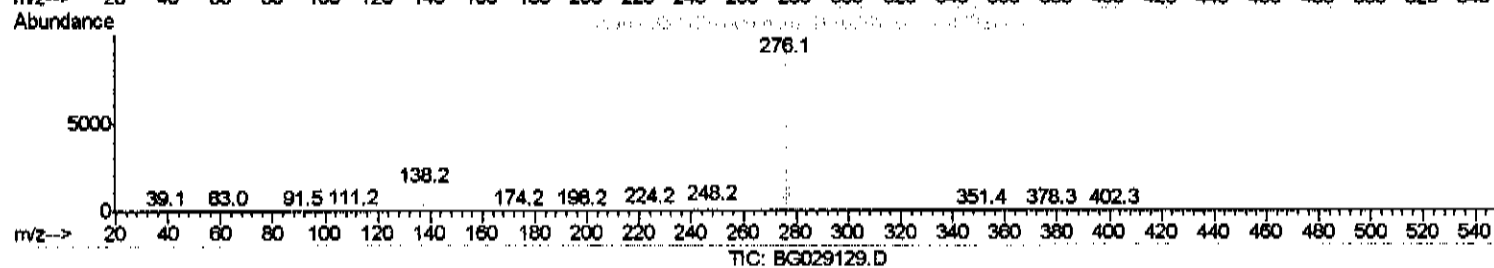
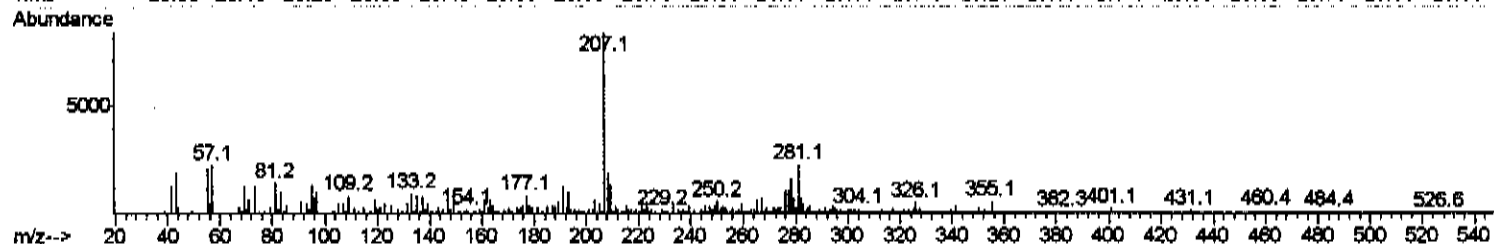
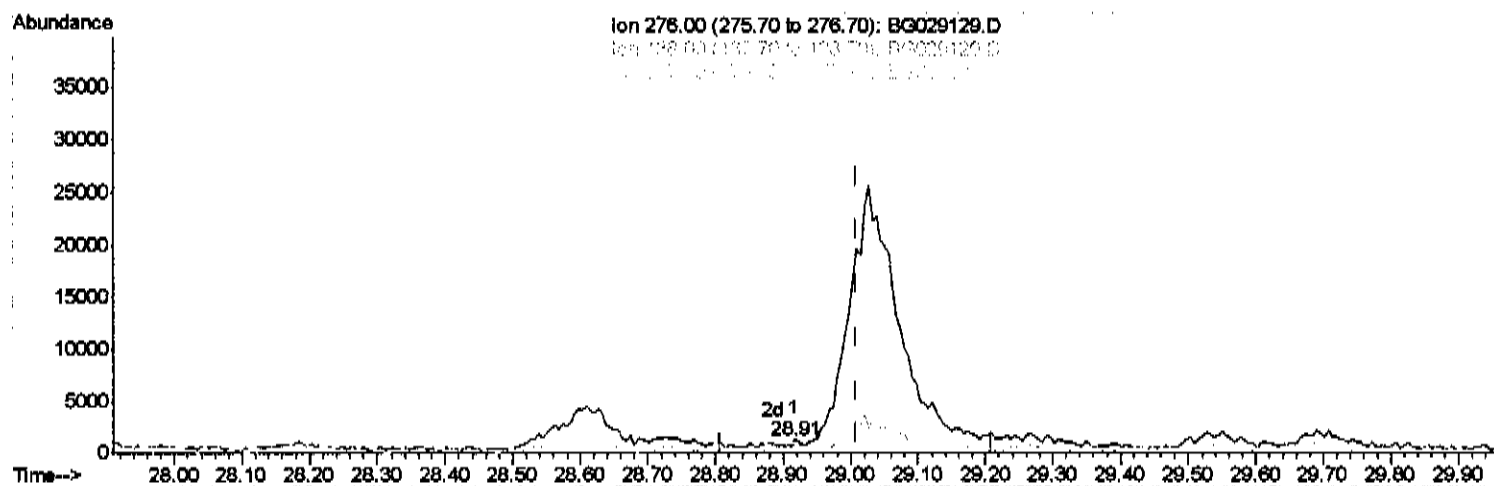
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 Misc :
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(27) Indeno(1,2,3-cd)pyrene

28.914min (-0.094) 0.01ng/ul

response 350

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	32.55#
277.00	22.50	101.04#
0.00	0.00	0.00

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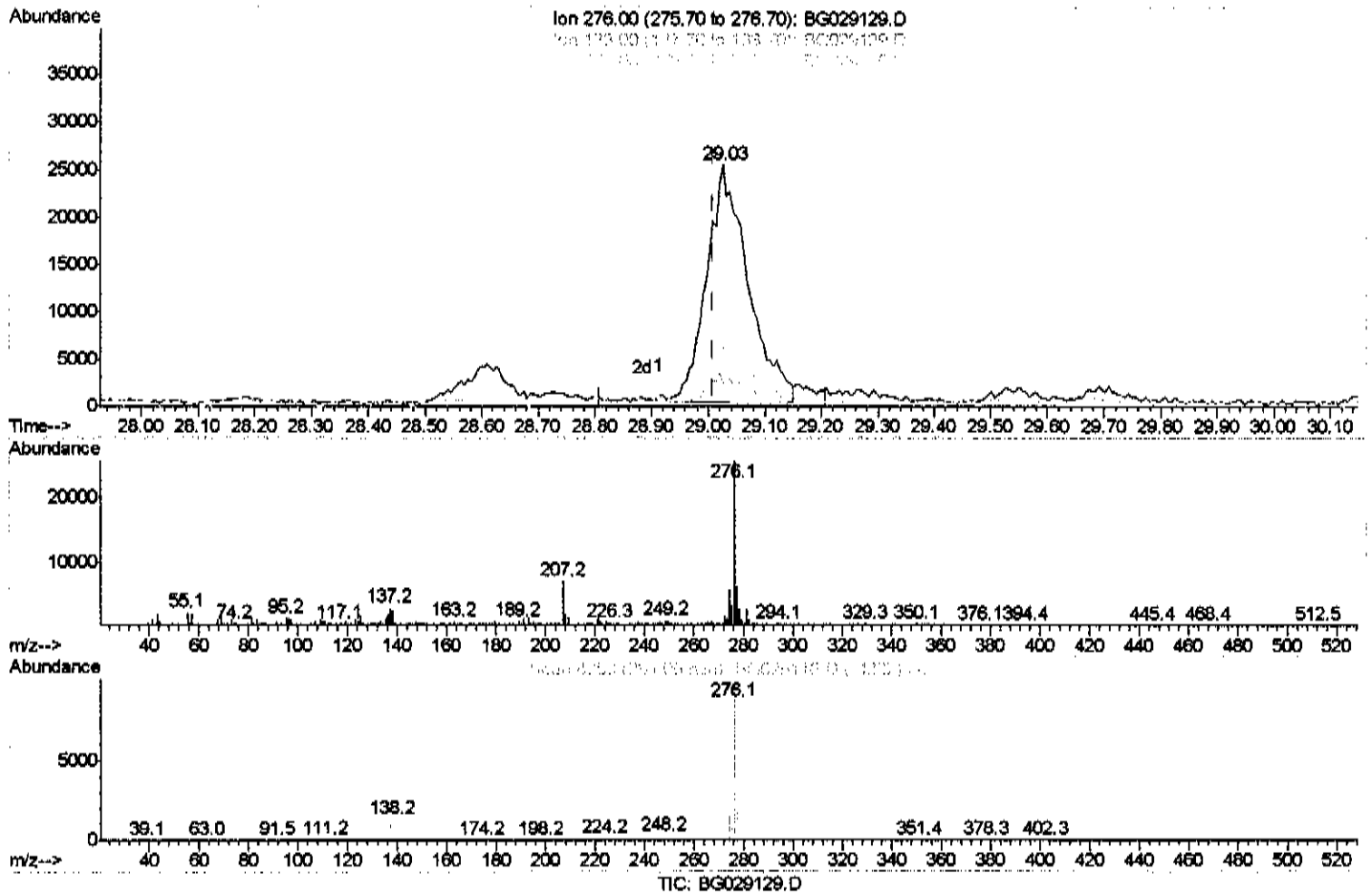
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(27) Indeno(1,2,3-cd)pyrene

29.026min (+0.017) 4.44ng/ul m *ju 10/11/17*

response 127311

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	9.73#
277.00	22.50	24.63
0.00	0.00	0.00

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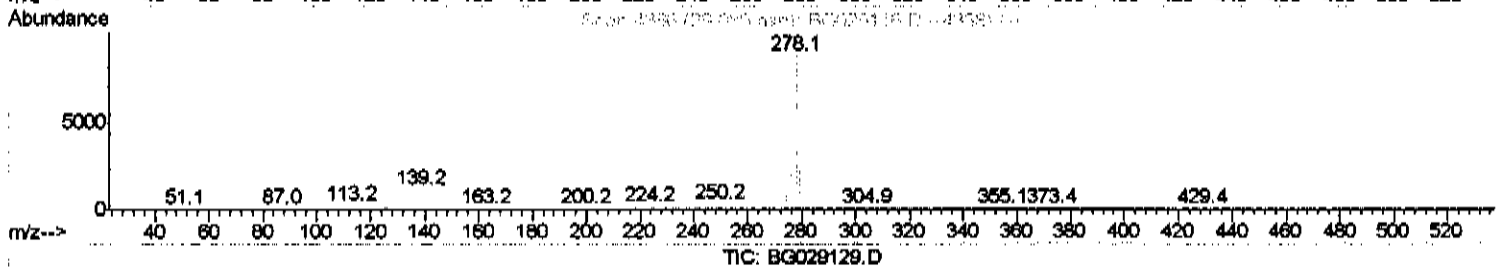
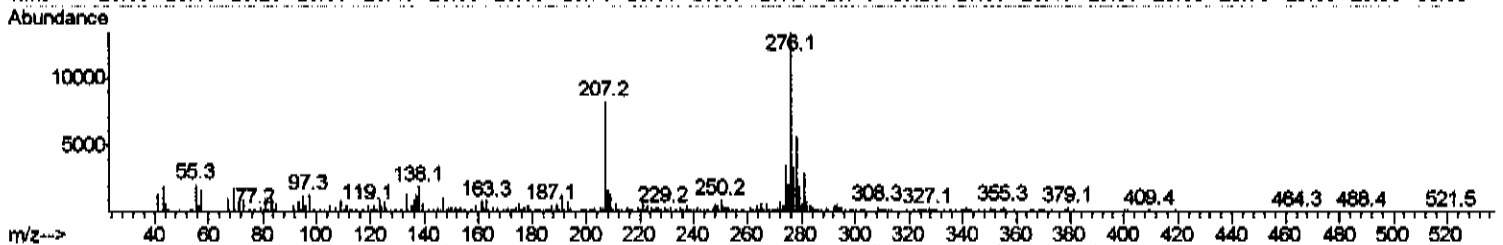
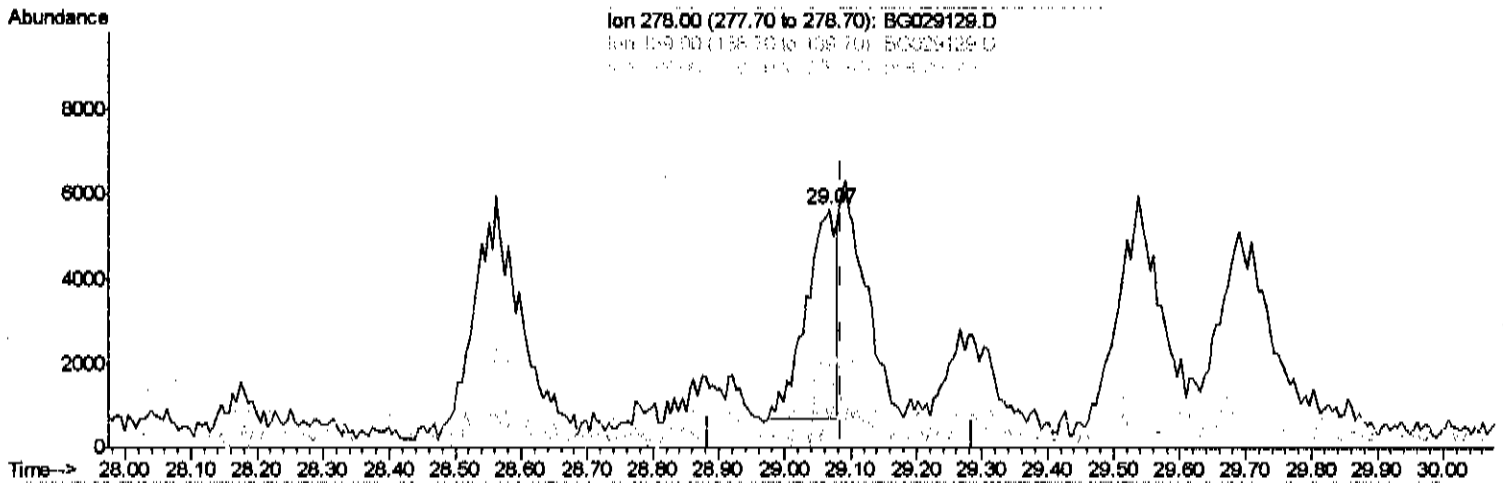
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(28) Dibenzo(a,h)anthracene

29.067min (-0.018) 0.69ng/ul

response 16295

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	12.12%
279.00	24.00	36.26%
0.00	0.00	0.00

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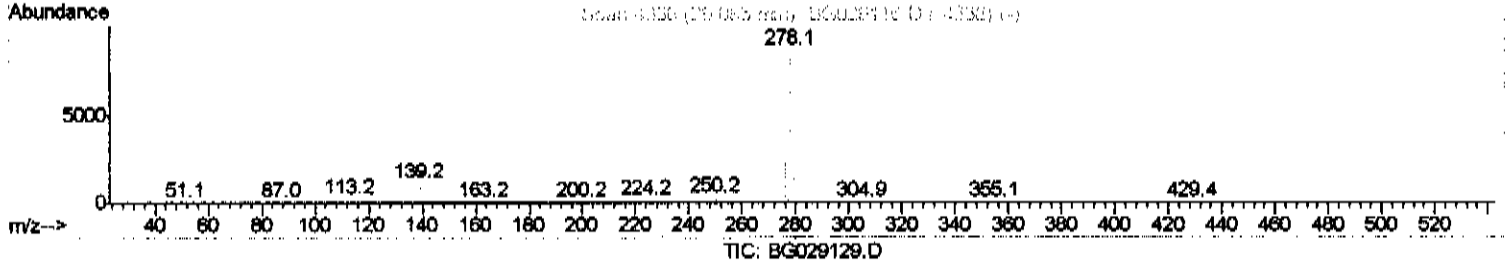
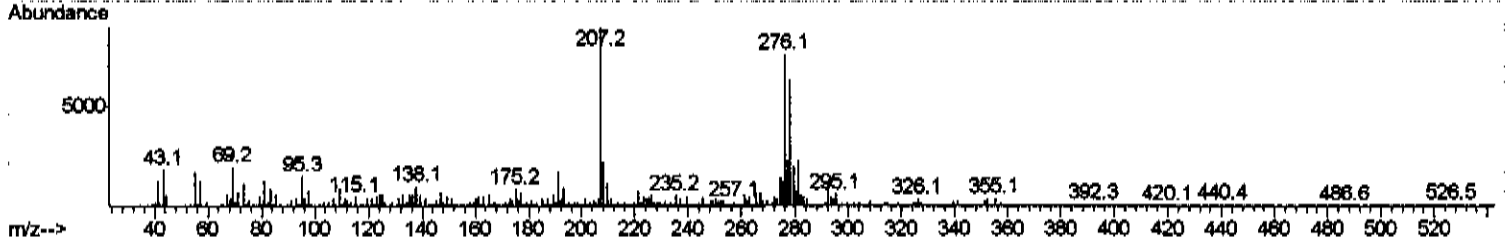
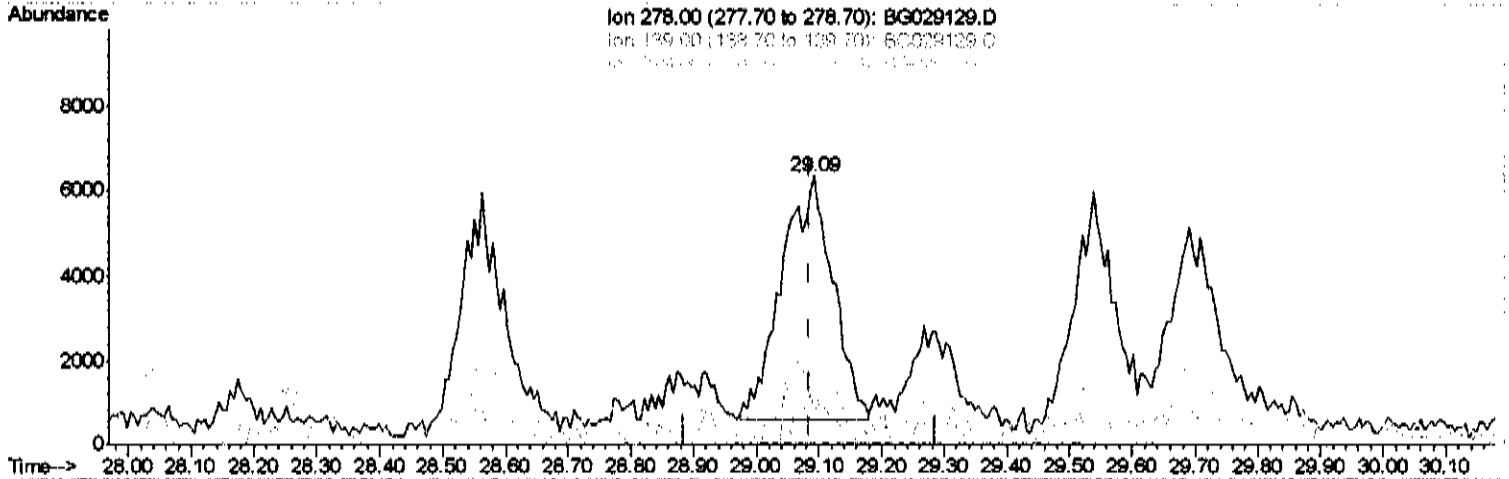
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(28) Dibenzo(a,h)anthracene

29.091min (+0.006) 1.38ng/ul m *ju co 10/11/17*

response 32657

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	10.84#
279.00	24.00	32.66#
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	8.22	152	61188	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	260850	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	172277	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	397024	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	411033	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	434832	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	14.52	160	465431	25.98	ng/ul	0.00
10) Fluorene-d10	15.81	176	366536	28.21	ng/ul	0.00
14) Anthracene-d10	17.67	188	565914	29.43	ng/ul	0.00
18) Pvrene-d10	19.94	212	675970	32.14	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.97	264	663368	31.85	ng/ul	0.02

Target Compounds

					Ovalue	
13) Phenanthrene	17.61	178	108715	5.134	ng/ul	97
16) Fluoranthene	19.60	202	341167m	13.743	ng/ul	97
19) Pyrene	19.97	202	335795	13.106	ng/ul#	92
20) Benzo(a)anthracene	21.83	228	216433	8.941	ng/ul	98
21) Chrysene	21.89	228	205080	9.252	ng/ul	95
23) Benzo(b)fluoranthene	24.14	252	282922	10.876	ng/ul	97
24) Benzo(k)fluoranthene	24.19	252	81442m	3.208	ng/ul	
26) Benzo(a)pyrene	25.04	252	206802m	8.185	ng/ul	
27) Indeno(1,2,3-cd)pyrene	29.03	276	127311m	4.440	ng/ul	
28) Dibenzo(a,h)anthracene	29.09	278	32657m	1.375	ng/ul	
29) Benzo(a,h,i)perylene	30.22	276	92814	3.925	ng/ul#	94

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