

Quantitation Report (QT Reviewed)

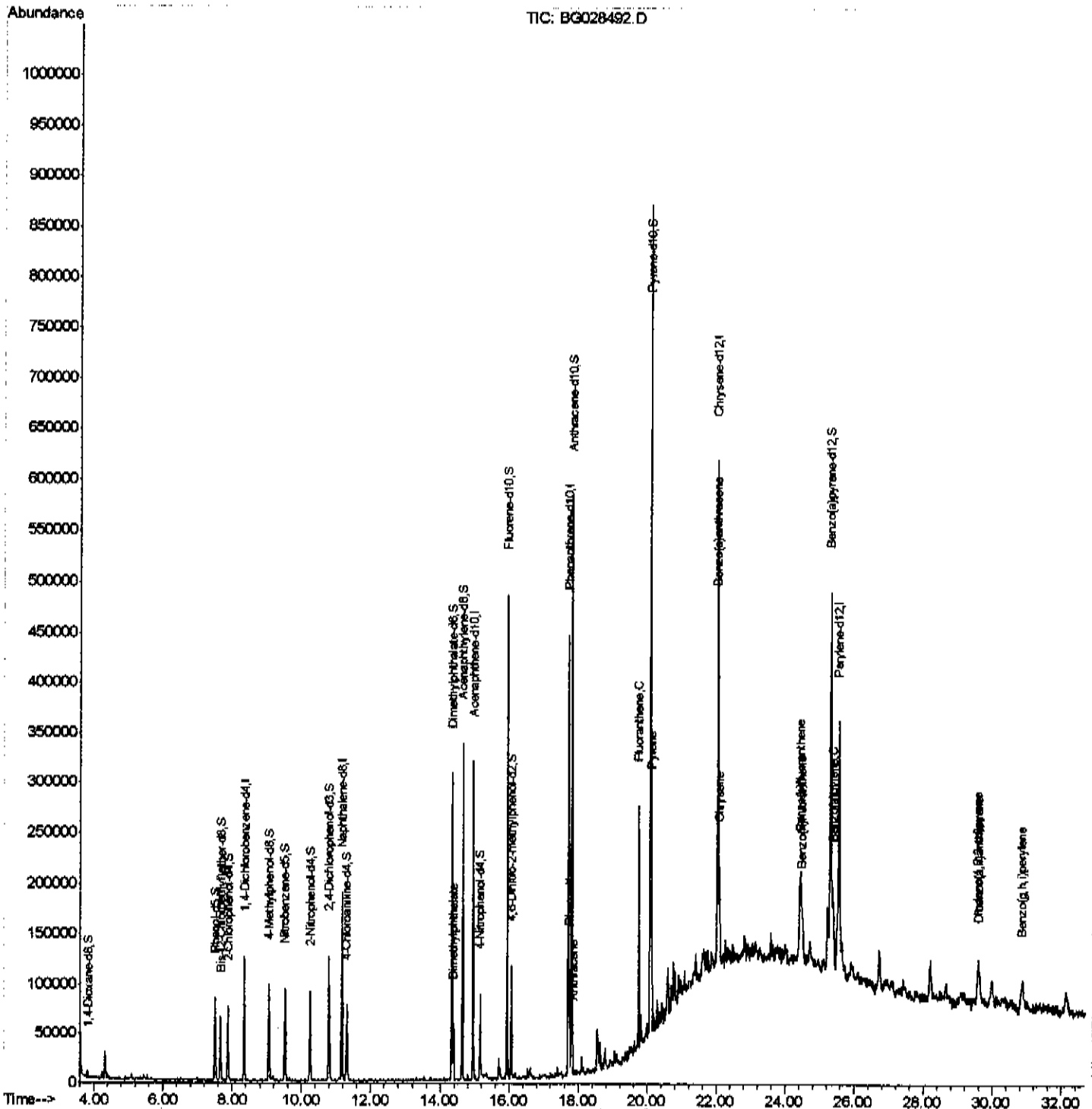
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
 Data File : BG028492.D
 Acq On : 25 Aug 2017 15:05
 Operator : SJ/JU
 Sample : I4940-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AM0

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:16:38 PM

Quant Time: Aug 26 00:16:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 23:11:18 2017
 Response via : Initial Calibration



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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	36291	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	159084	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	112578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	272054m	20.00	ng/ul	>0.00
75) Chrysene-d12	22.03	240	312026	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	310156	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	2614	3.35	ng/uL	0.00
5) Phenol-d5	7.50	99	52544	13.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	33953	13.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	33906	13.48	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	40507	12.16	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	21788	17.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	27888	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	50103	17.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	43964	14.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	216631	21.63	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	247428	21.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	25205	15.83	ng/ul	0.00
57) Fluorene-d10	15.94	176	197826	22.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	26687m	15.10	ng/ul	>0.00
70) Anthracene-d10	17.80	188	346783	26.58	ng/ul	0.00
76) Pyrene-d10	20.07	212	450087	28.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	434018	29.89	ng/ul	0.02

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	14.38	163	34544	3.747	ng/ul	97
69) Phenanthrene	17.74	178	65646	4.795	ng/ul	96
71) Anthracene	17.84	178	14996m	1.072	ng/ul	>96
74) Fluoranthene	19.74	202	159043	9.558	ng/ul	98
77) Pyrene	20.10	202	136416	7.328	ng/ul	97
80) Benzo(a)anthracene	22.01	228	90609	5.026	ng/ul	98
82) Chrysene	22.08	228	78029	4.806	ng/ul	97
85) Benzo(b)fluoranthene	24.41	252	120160	6.474	ng/ul	96
86) Benzo(k)fluoranthene	24.48	252	46539m	2.567	ng/ul	>96
88) Benzo(a)pyrene	25.37	252	91787	5.108	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.57	276	90510	4.301	ng/ul	96
90) Dibenzo(a,h)anthracene	29.59	278	19912m	1.129	ng/ul	>96
91) Benzo(a,h,i)perylene	30.83	276	85770	4.954	ng/ul#	96

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

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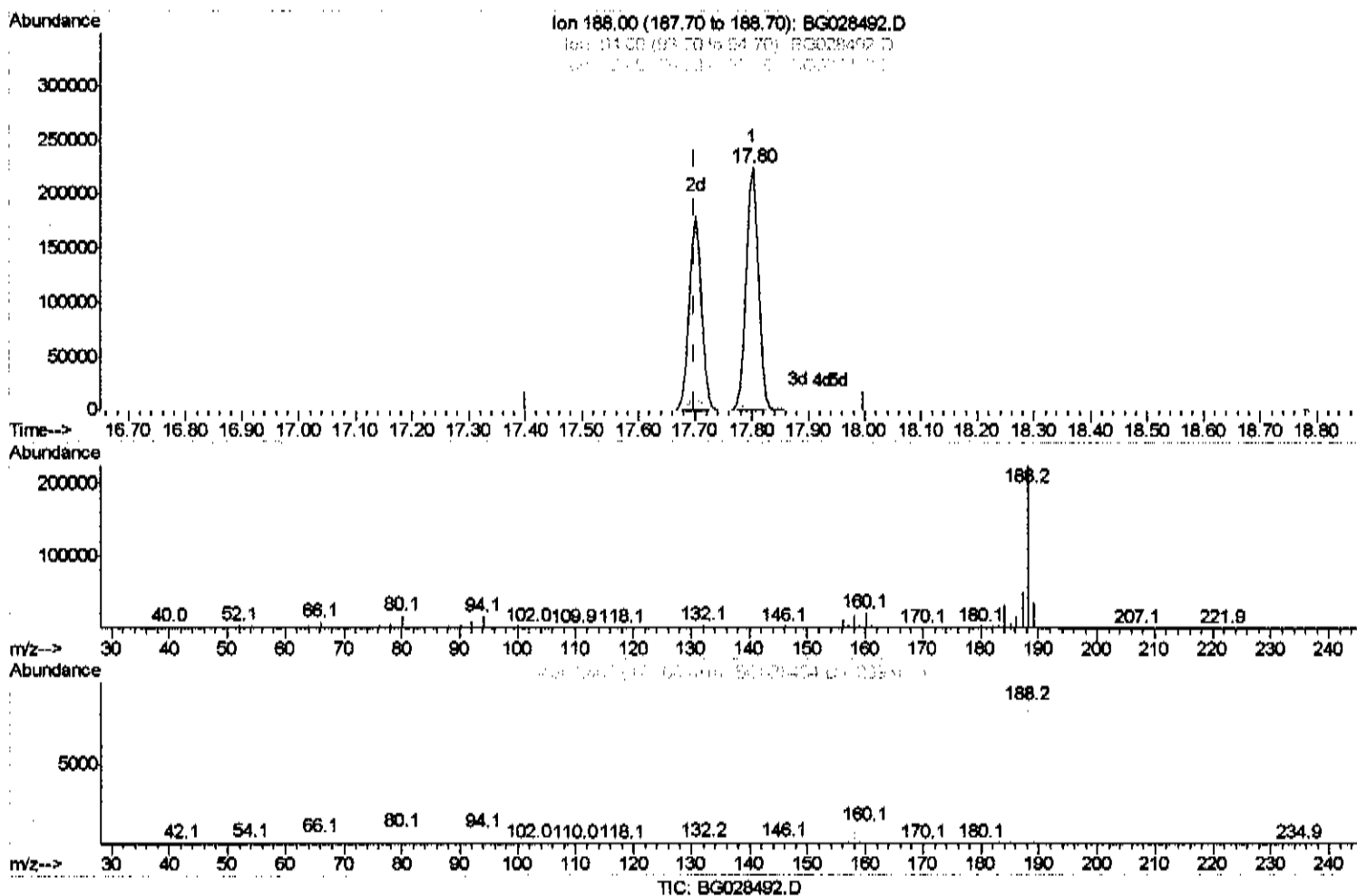
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(61) Phenanthrene-d10 (I)

17.801min (+0.102) 20.00ng/ul

response 346783

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.50
80.00	9.50	7.78
0.00	0.00	0.00

Quantitation Report (Qedit)

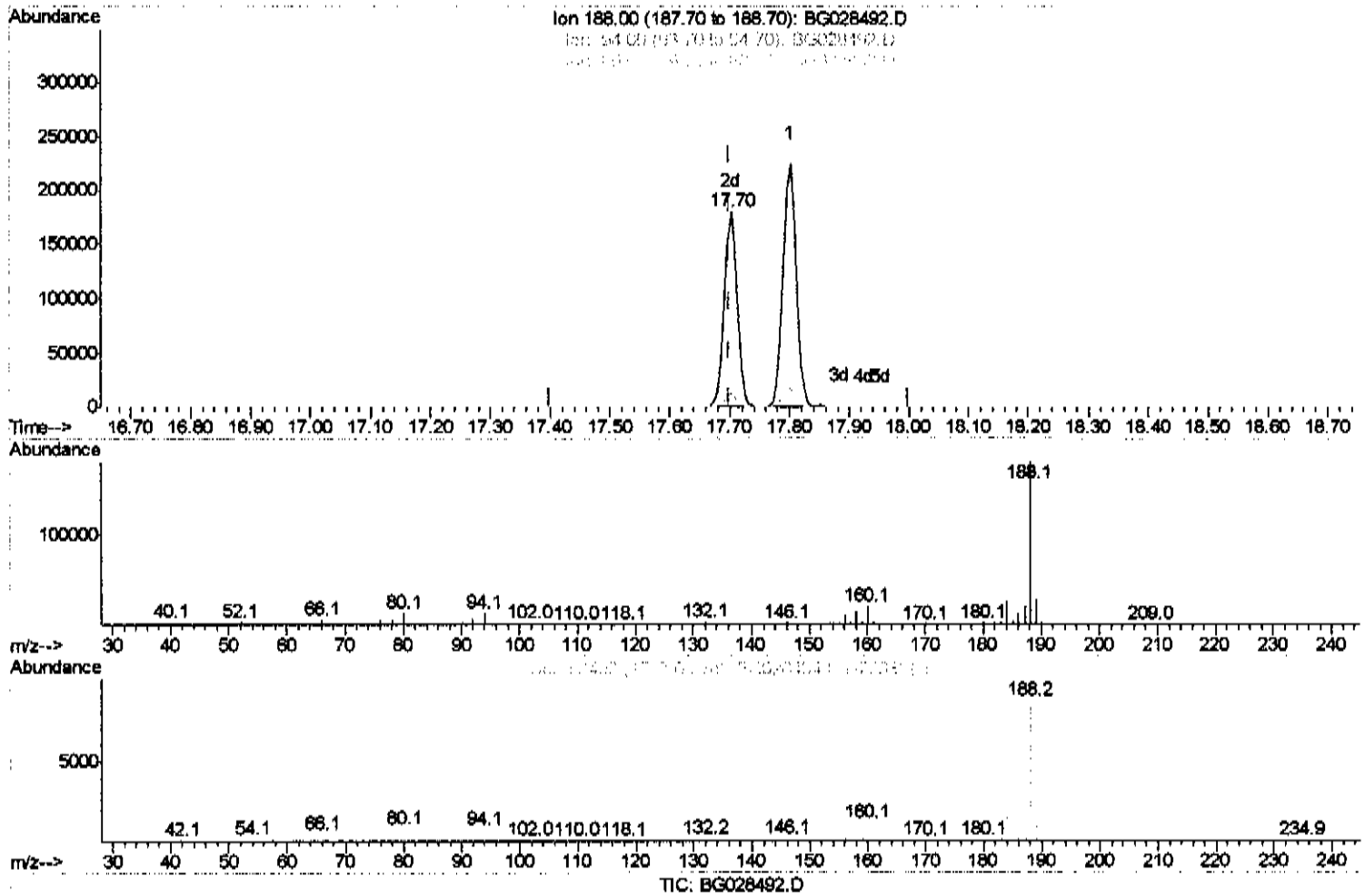
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(61) Phenanthrene-d10 (I)

17.701min (+0.002) 20.00ng/ul m

response 272054

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.00%
80.00	9.50	7.00%
0.00	0.00	0.00

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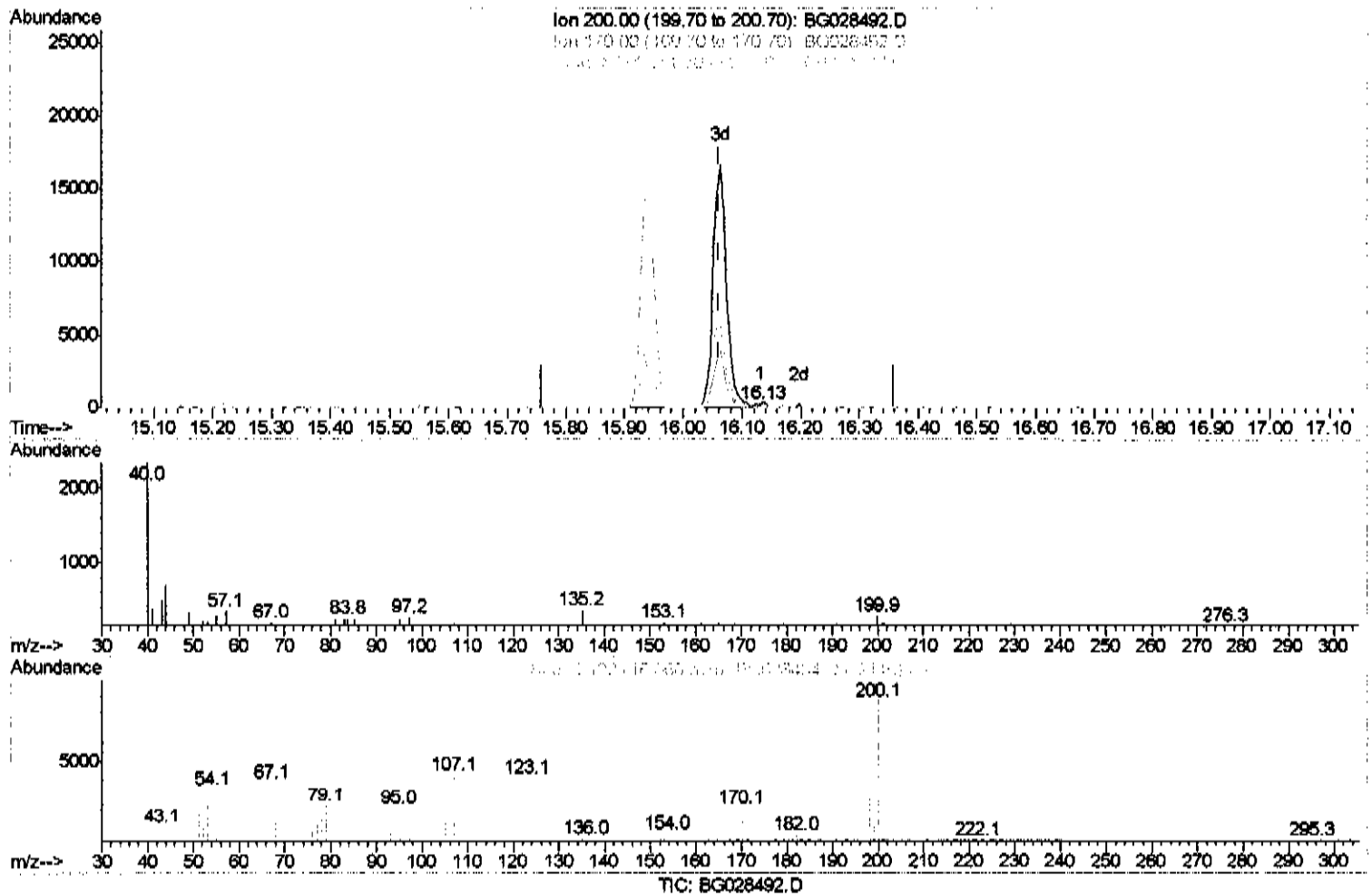
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.133min (+0.072) 0.19ng/ui

response 330

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	76.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

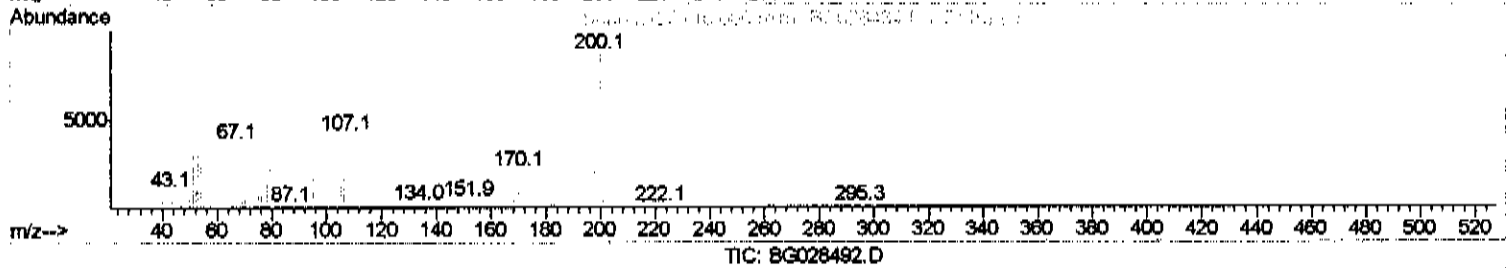
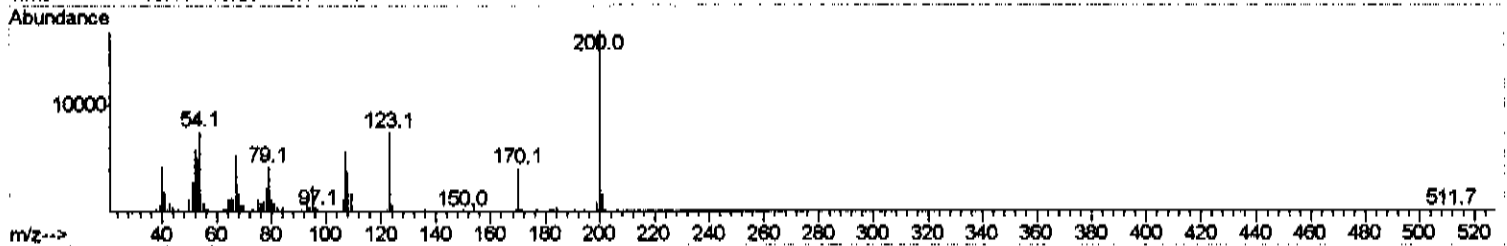
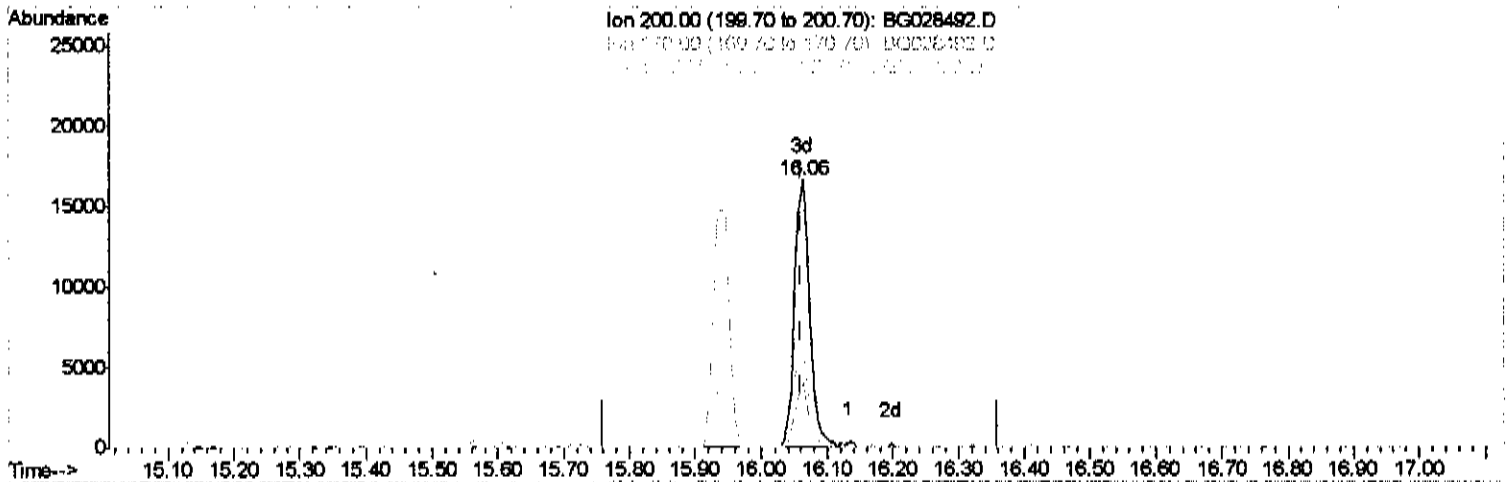
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.062min (+0.002) 15.10ng/ul m

response 26687

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	24.48
52.00	47.20	35.22#
0.00	0.00	0.00

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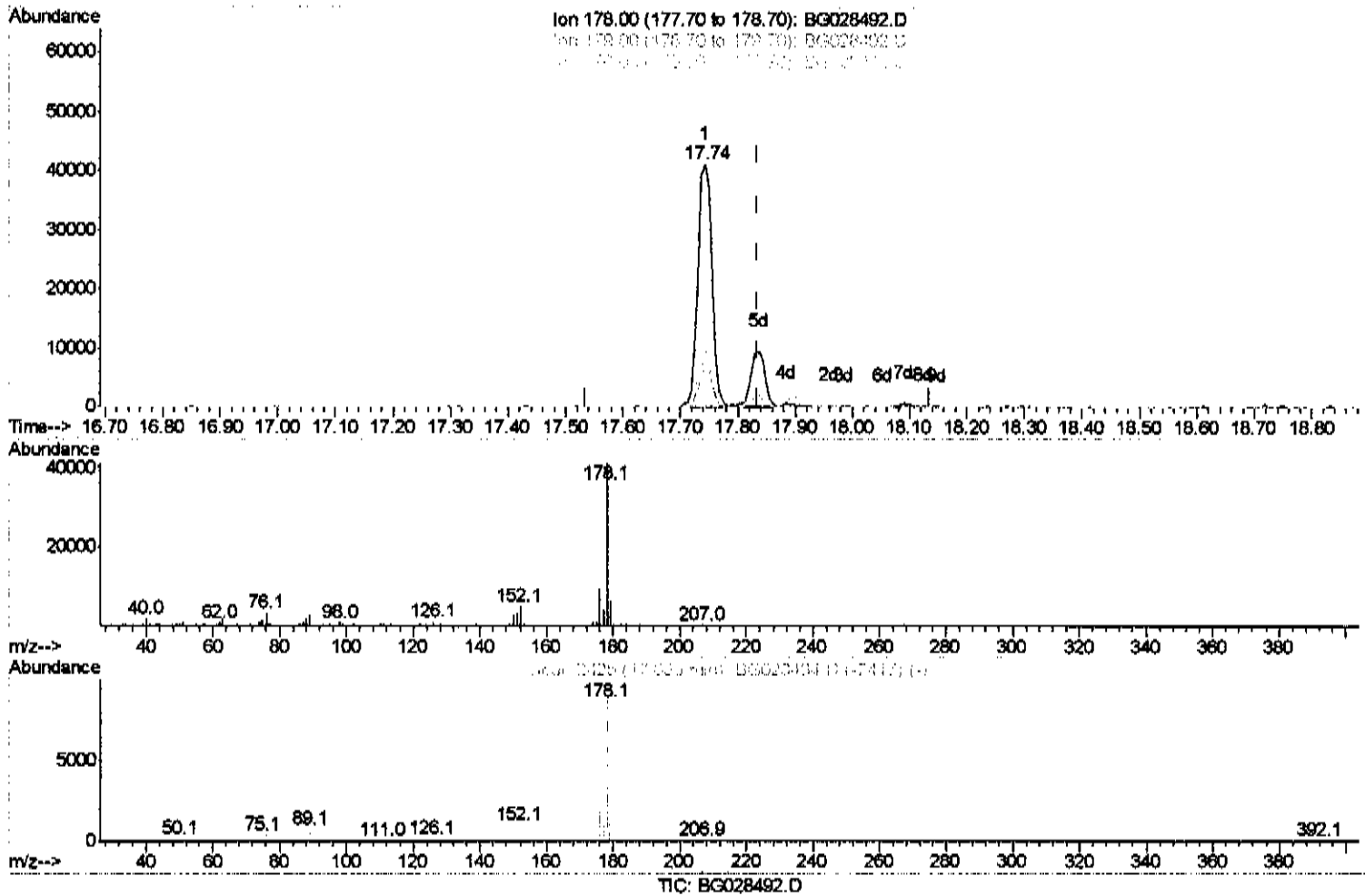
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(71) Anthracene

17.742min (-0.092) 4.69ng/ul

response 65646

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.96
176.00	19.90	23.84
0.00	0.00	0.00

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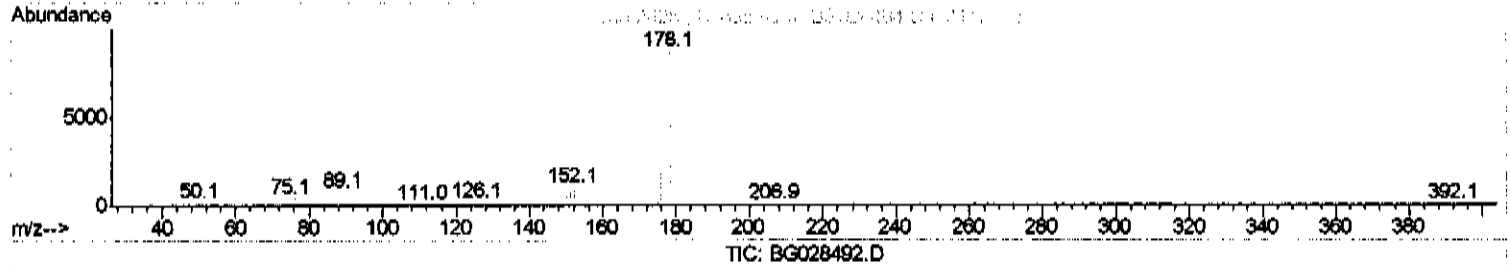
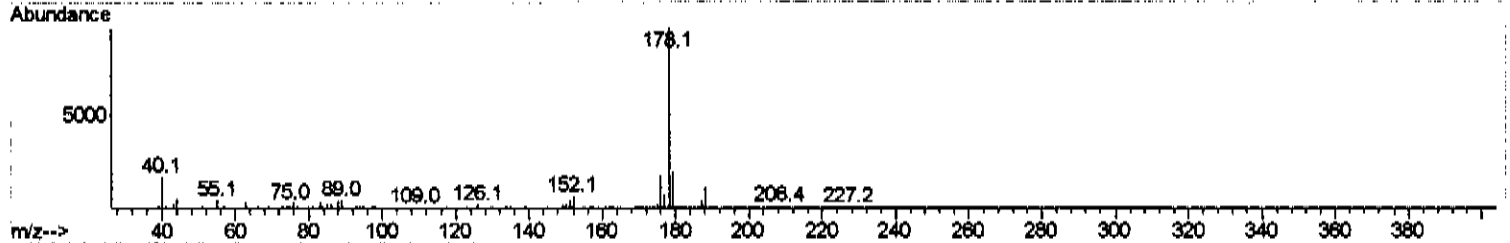
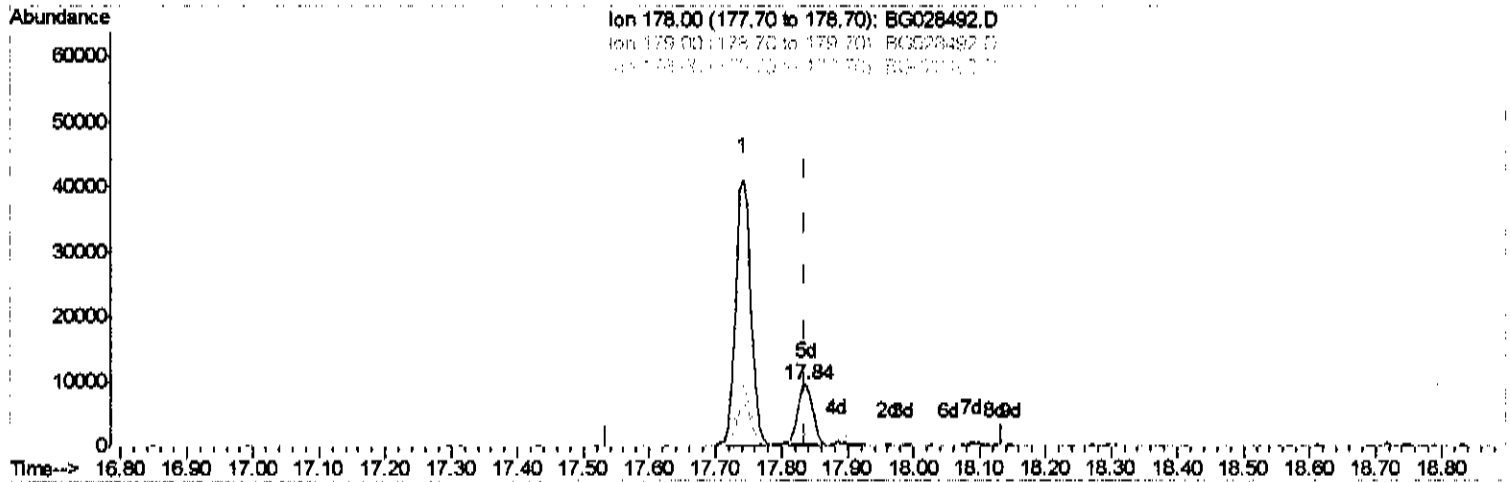
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(71) Anthracene

17.836min (+0.002) 1.07ng/ul m

response 14975

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	21.46%
176.00	19.90	19.39
0.00	0.00	0.00

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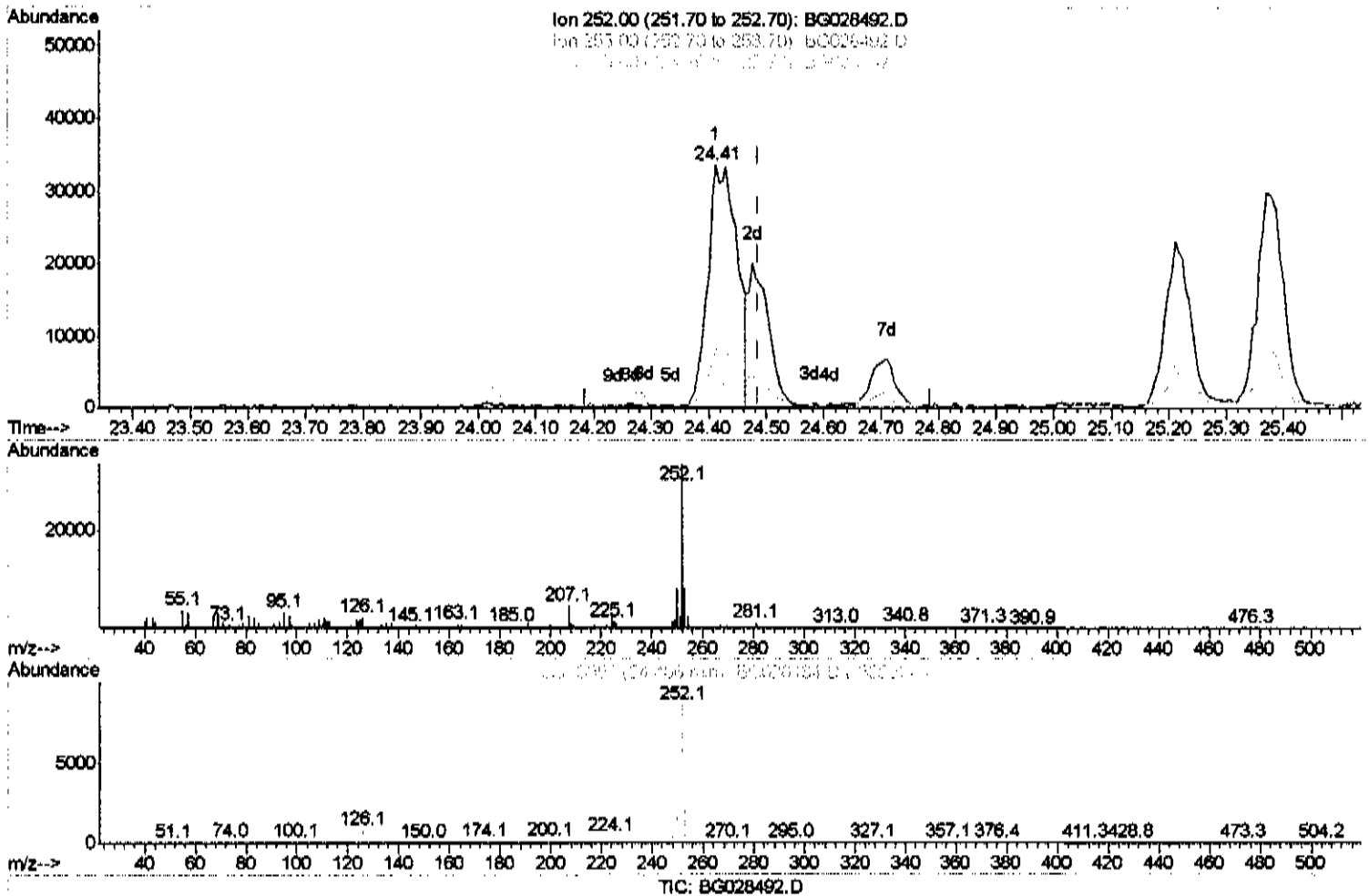
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(86) Benzo(k)fluoranthene

24.411min (-0.075) 6.63ng/ul

response 120160

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.10
125.00	5.10	5.80
0.00	0.00	0.00

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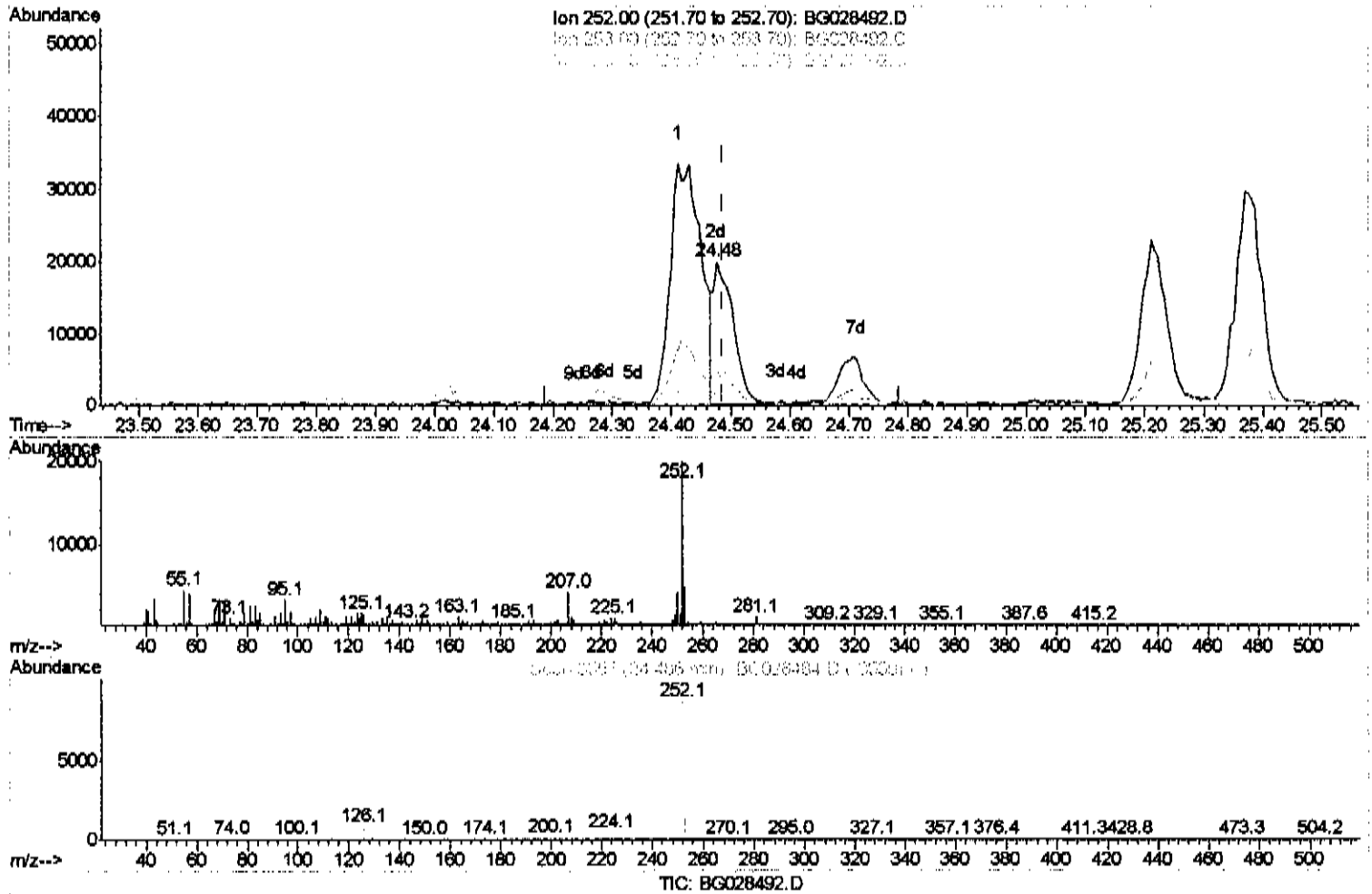
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(86) Benzo(k)fluoranthene

24.478min (-0.010) 2.57ng/ul m

response 46539

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.12
125.00	5.10	8.00%
0.00	0.00	0.00

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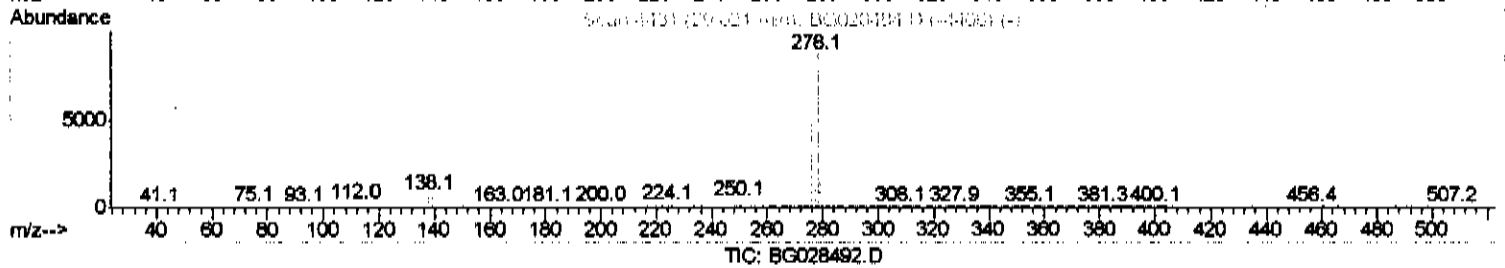
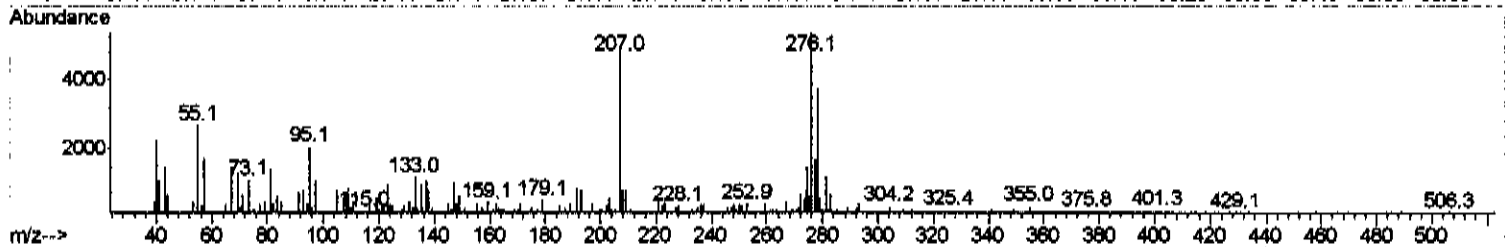
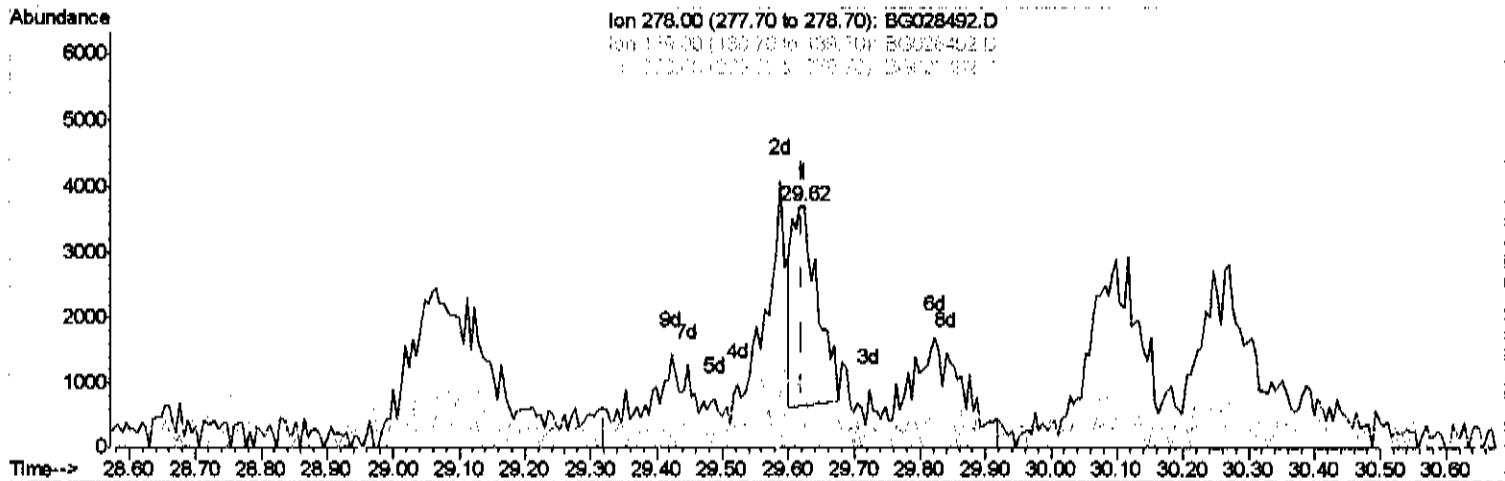
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(90) Dibenzo(a,h)anthracene

29.623min (+0.002) 0.46ng/ul

response 8195

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	8.19
279.00	26.10	16.04#
0.00	0.00	0.00

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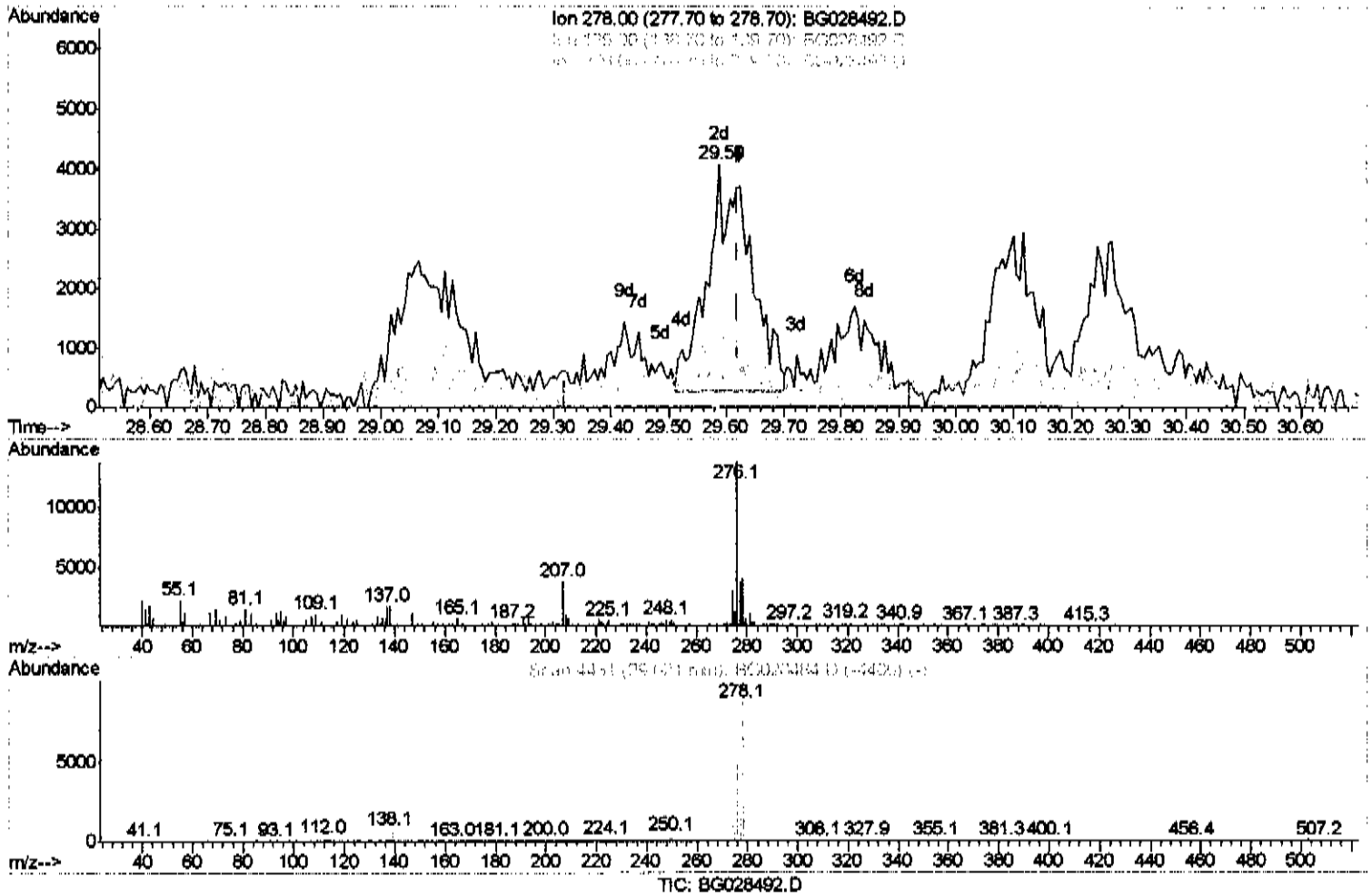
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(90) Dibenzo(a,h)anthracene

29.587min (-0.034) 1.13ng/ul m

response 19912

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	0.00%
279.00	26.10	18.84%
0.00	0.00	0.00

Handwritten signature and date: 8/28/17