

Quantitation Report (QT Reviewed)

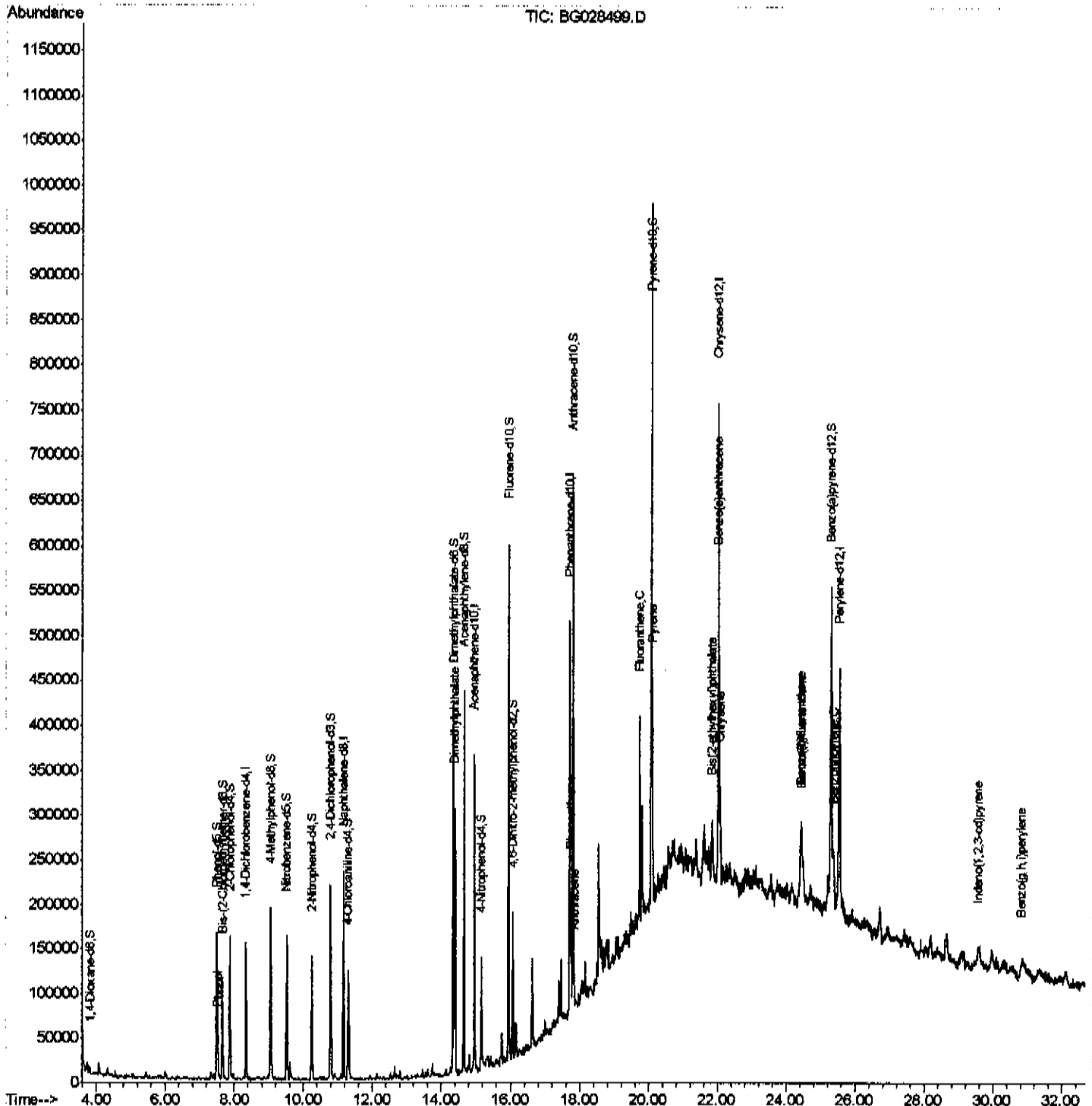
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
 Data File : BG028499.D
 Acq On : 25 Aug 2017 20:22
 Operator : SJ/JU
 Sample : I4885-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AR6

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:16:48 PM

Quant Time: Aug 26 02:30:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 26 01:54:26 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

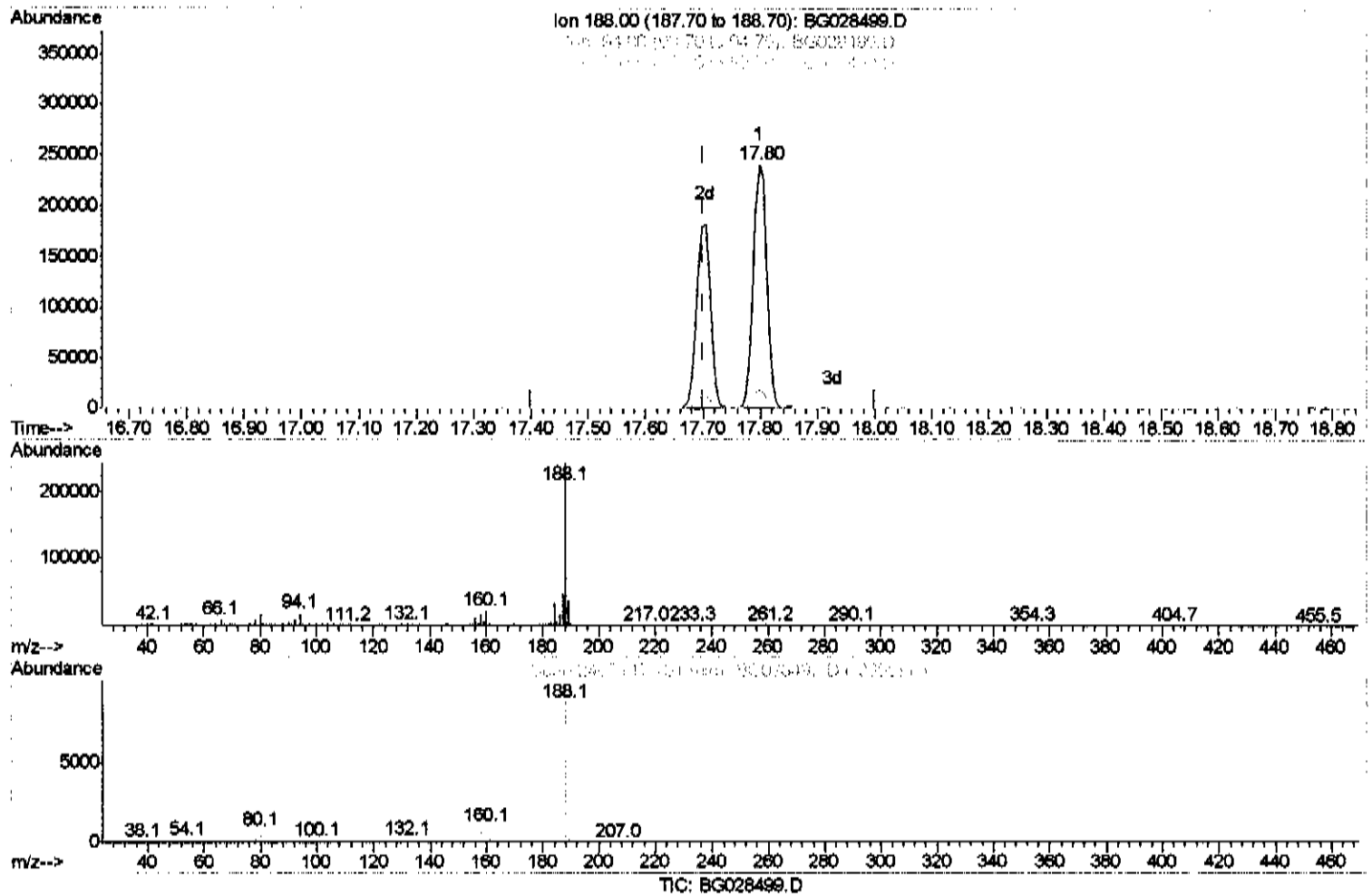
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(61) Phenanthrene-d10 (I)

17.798min (+0.097) 20.00ng/ul

response 378000

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.80
80.00	9.50	7.76
0.00	0.00	0.00

Quantitation Report (Qedit)

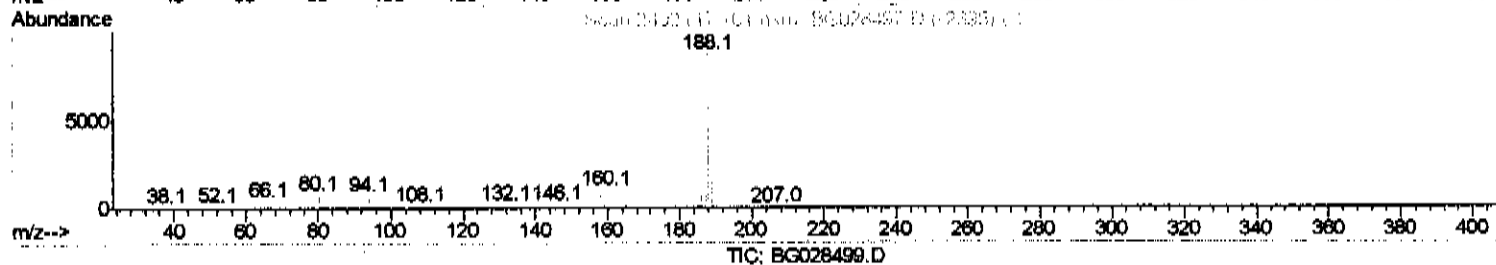
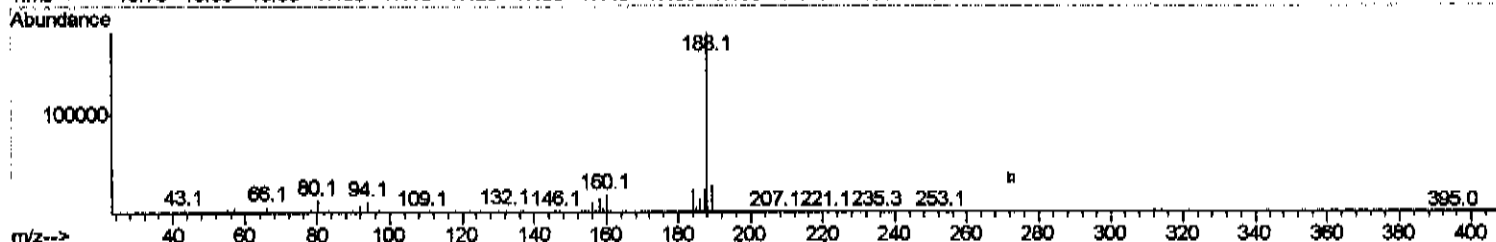
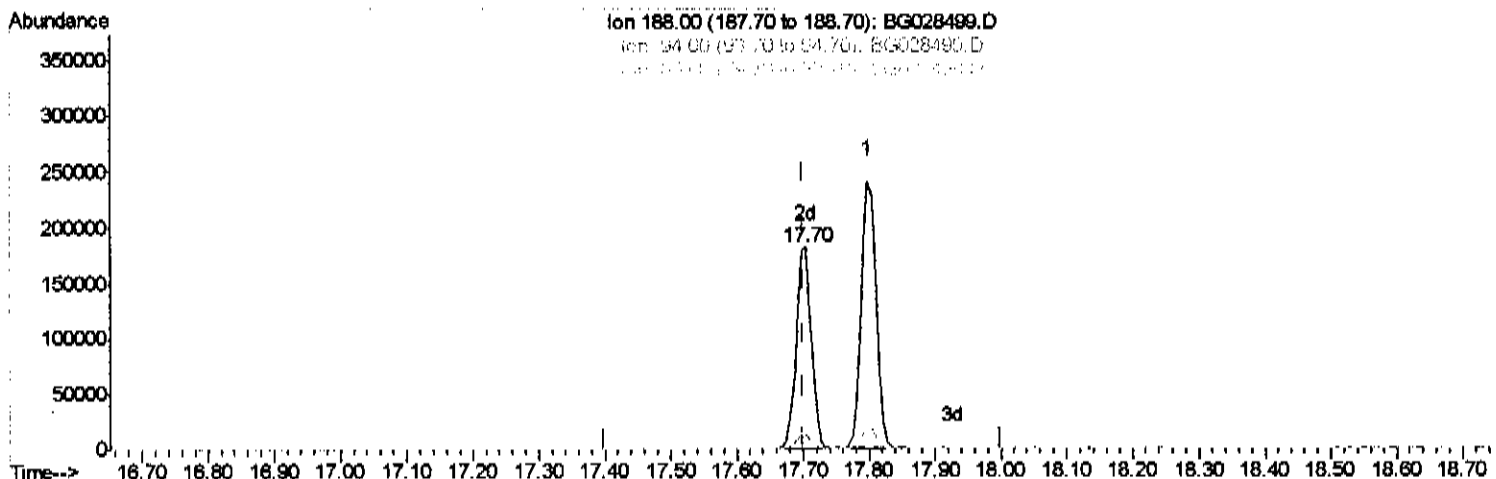
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(61) Phenanthrene-d10 (I)

17.704min (+0.003) 20.00ng/ul m

response 290816

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.54#
80.00	9.50	7.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

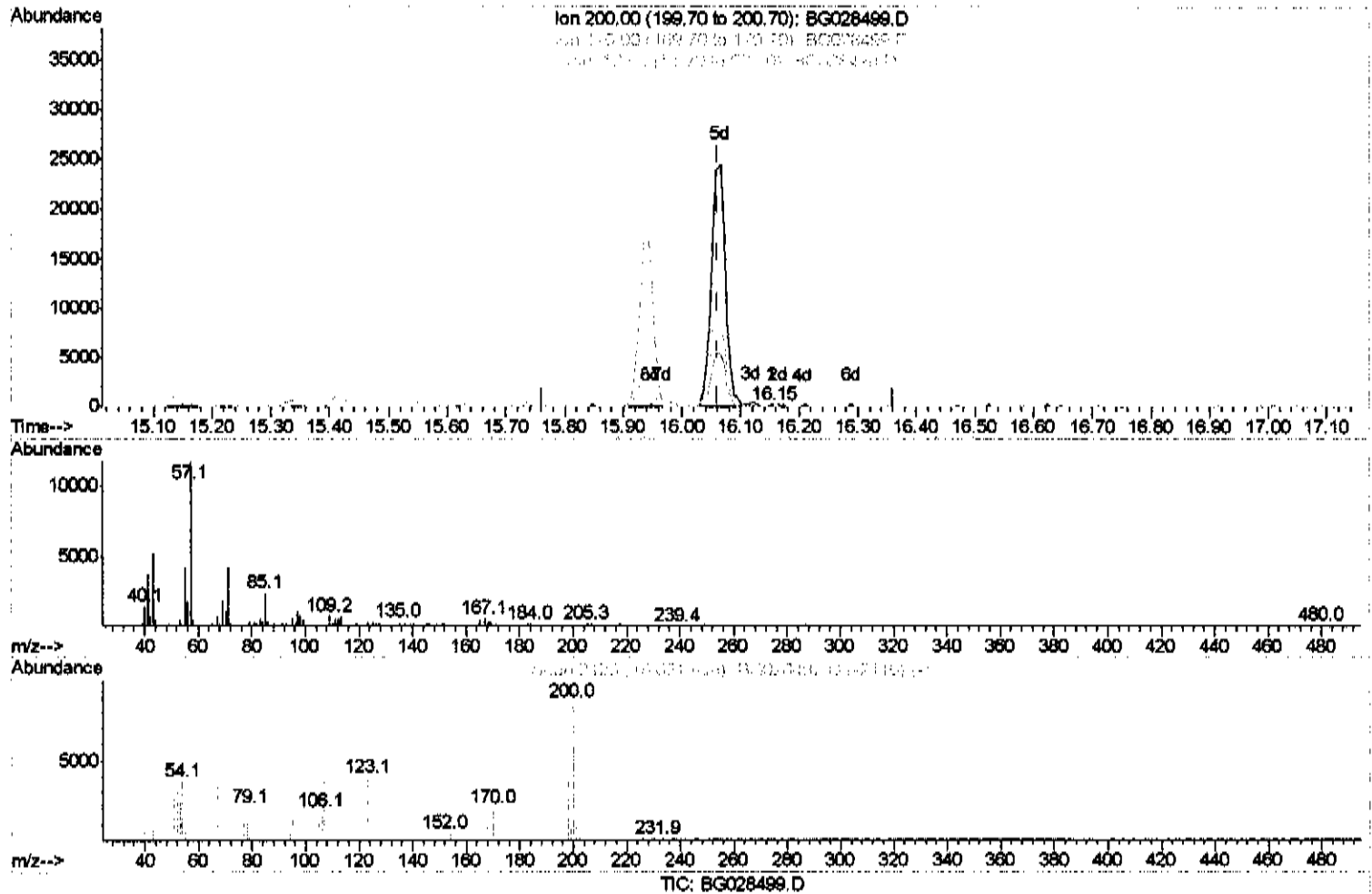
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Quant Time: Aug 26 02:23:52 2017
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.153min (+0.091) 0.04ng/ul

response 67

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	84.74#
52.00	47.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

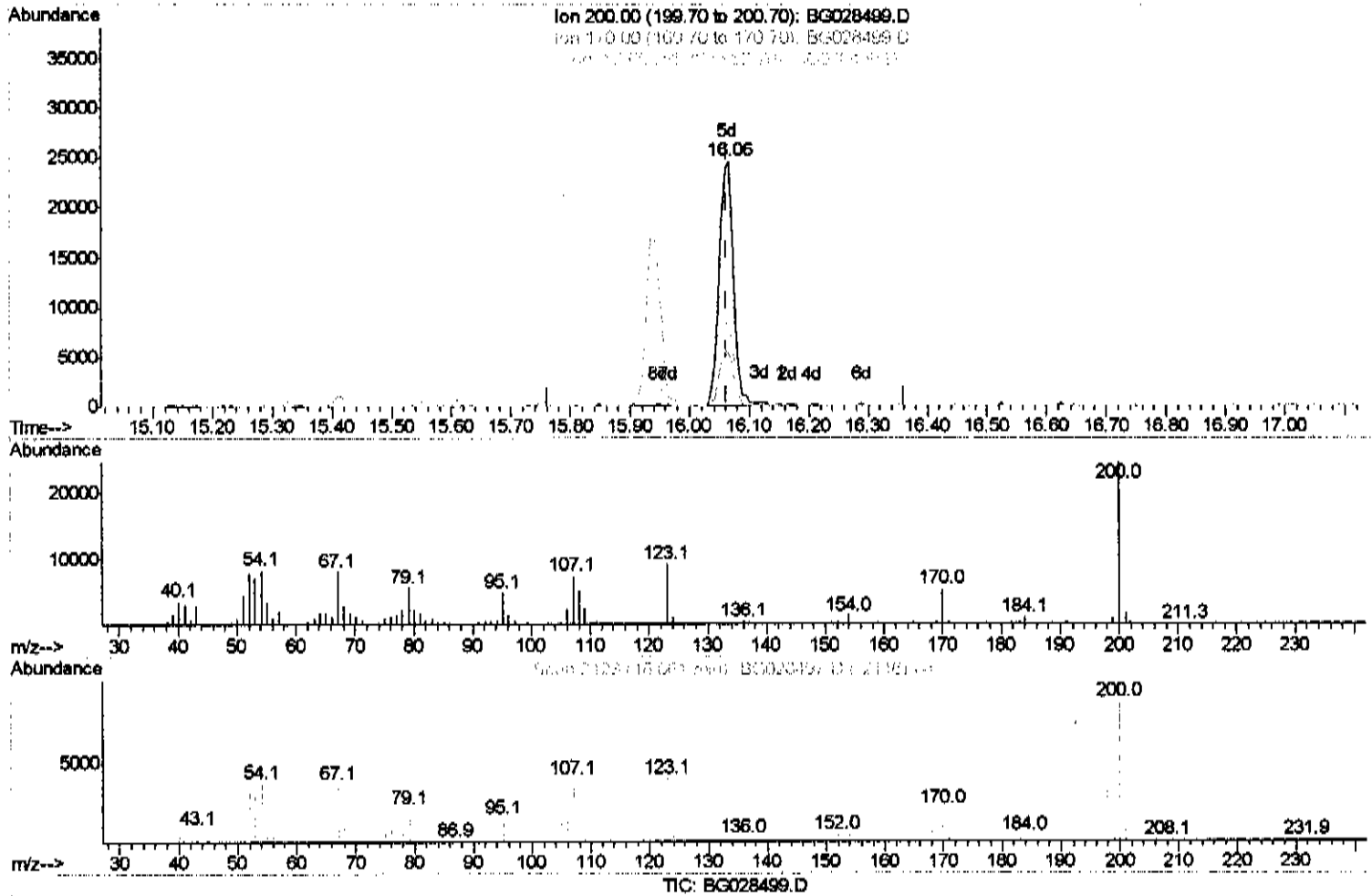
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

18.064min (+0.003) 21.48ng/ul m

response 40581

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	21.98
52.00	47.20	31.69
0.00	0.00	0.00

Quantitation Report (Qedit)

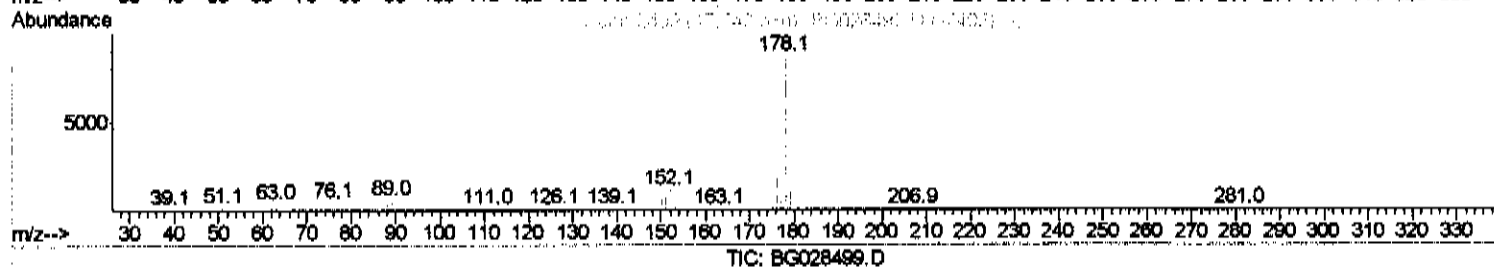
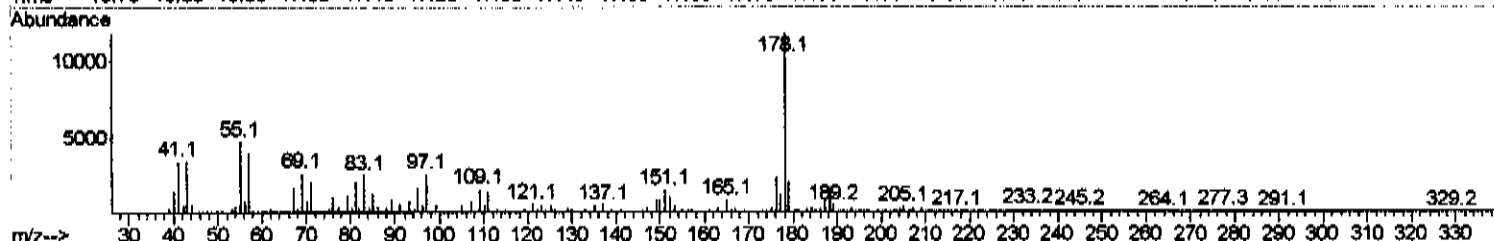
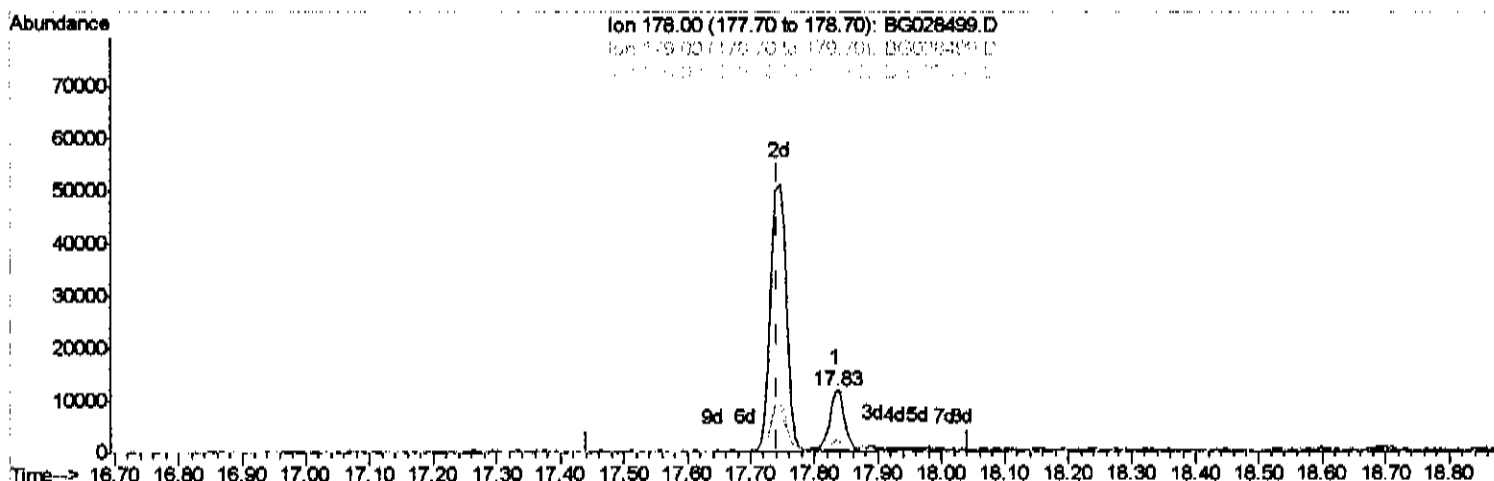
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Manual Integrations
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Quant Time: Aug 26 02:24:35 2017
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(69) Phenanthrene

17.833min (+0.091) 1.30ng/ul

response 18974

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	18.30
176.00	20.60	20.41
0.00	0.00	0.00

Quantitation Report (Qedit)

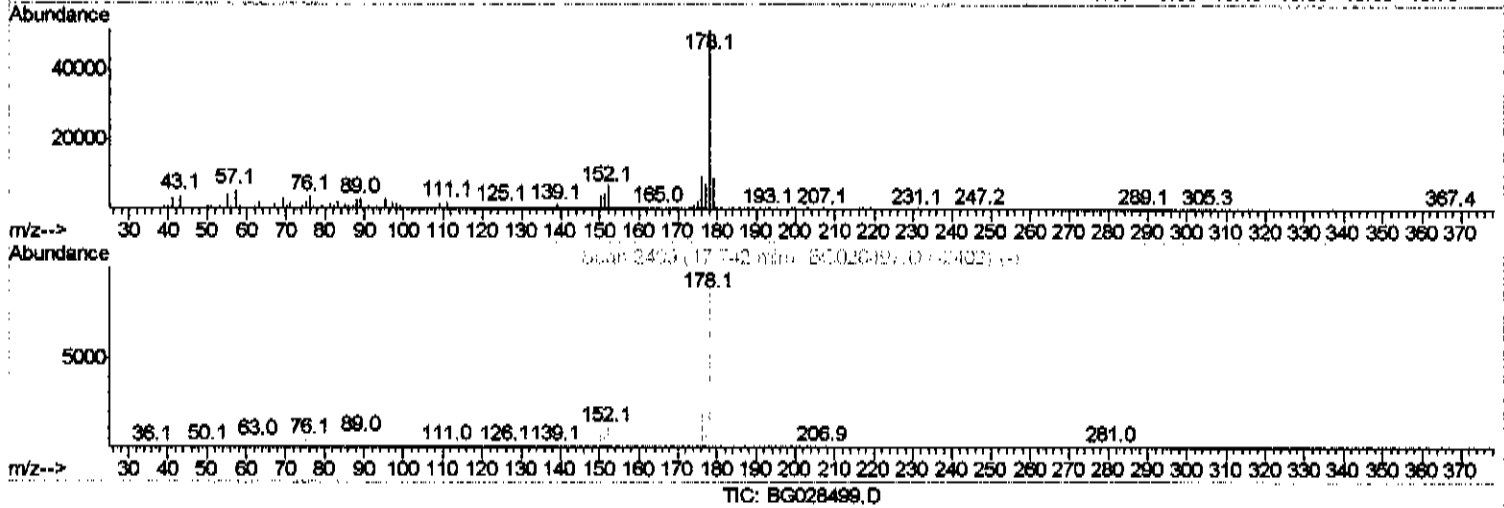
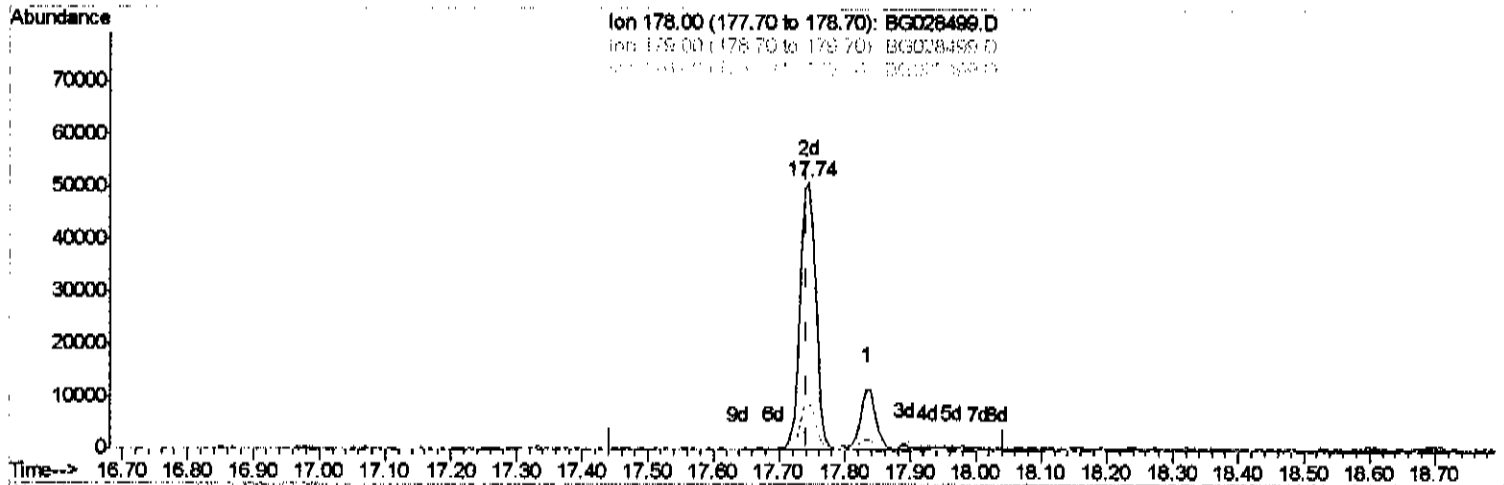
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Instrument :
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(69) Phenanthrene

17.745min (+0.003) 5.90ng/ul m

response 86380

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	17.84
178.00	20.60	19.07
0.00	0.00	0.00

Quantitation Report (Qedit)

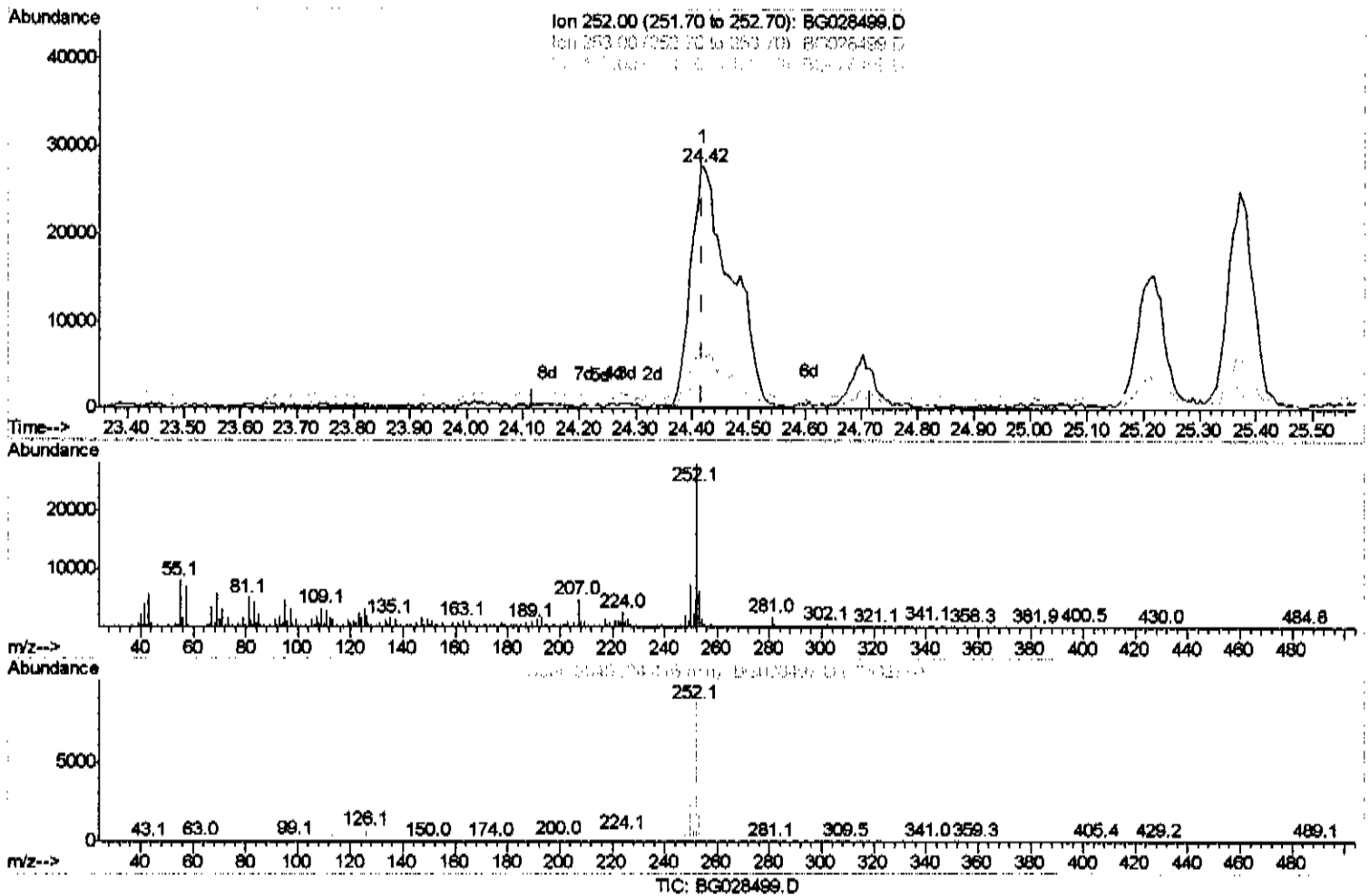
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
 Data File : BG028499.D
 Acq On : 25 Aug 2017 20:22
 Operator : SJ/JU
 Sample : I4885-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AR6

Manual Integrations
 APPROVED

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(85) Benzo(b)fluoranthene

24.419min (+0.003) 6.63ng/ul

response 135792

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.86
125.00	5.00	11.80%
0.00	0.00	0.00

Quantitation Report (Qedit)

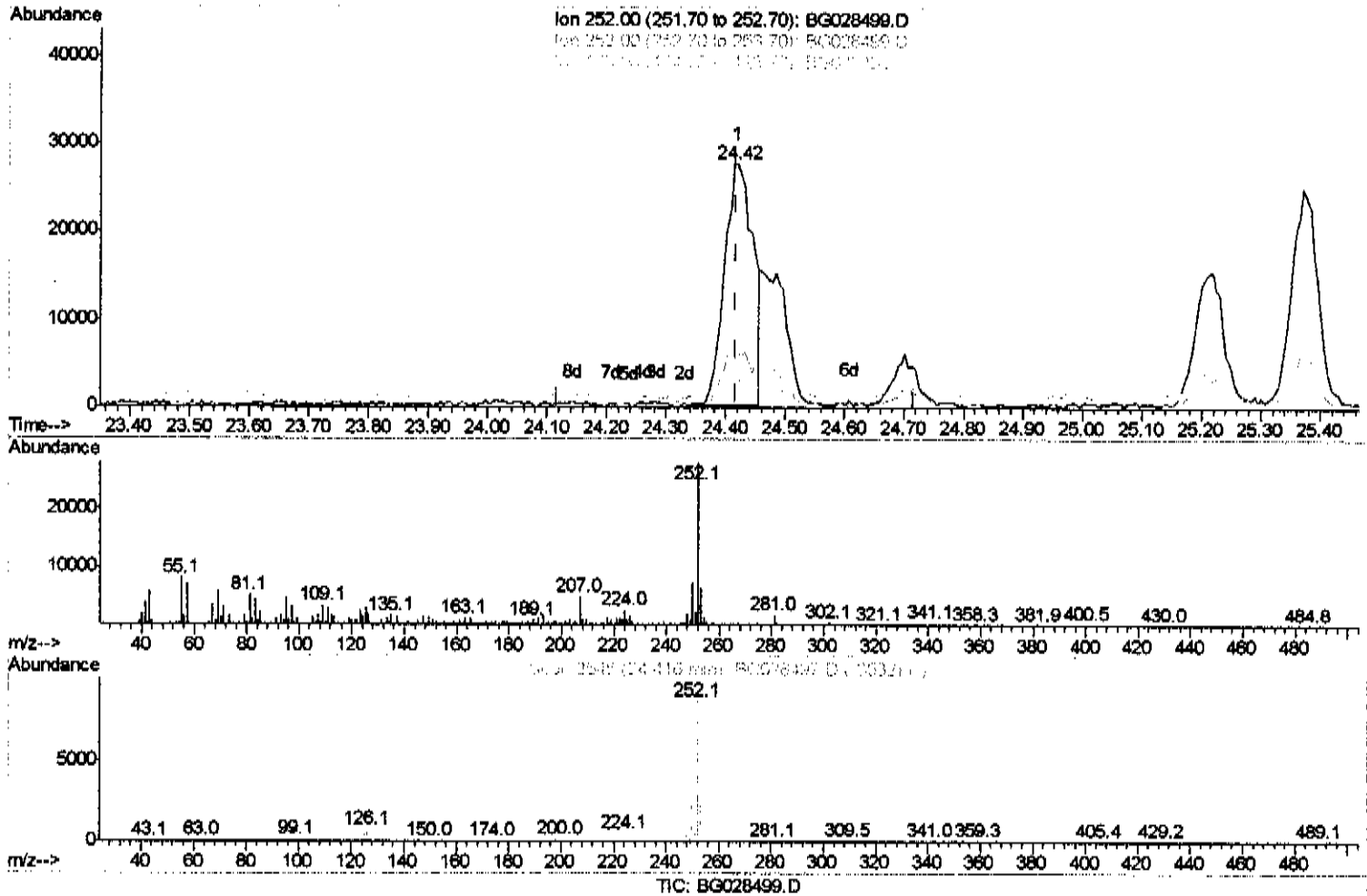
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
 Data File : BG028499.D
 Acq On : 25 Aug 2017 20:22
 Operator : SJ/JU
 Sample : I4885-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(85) Benzo(b)fluoranthene

24.419min (+0.003) 4.47ng/ul m

response 91667

ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.86
125.00	5.00	11.80%
0.00	0.00	0.00

Quantitation Report (Qedit)

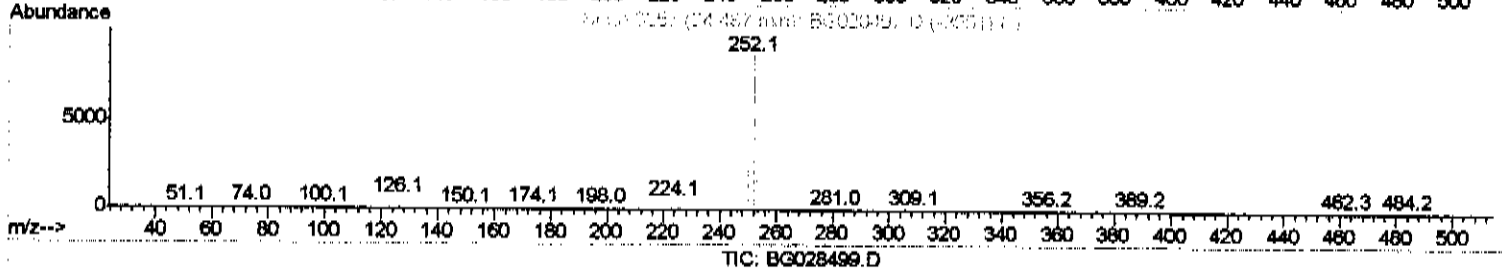
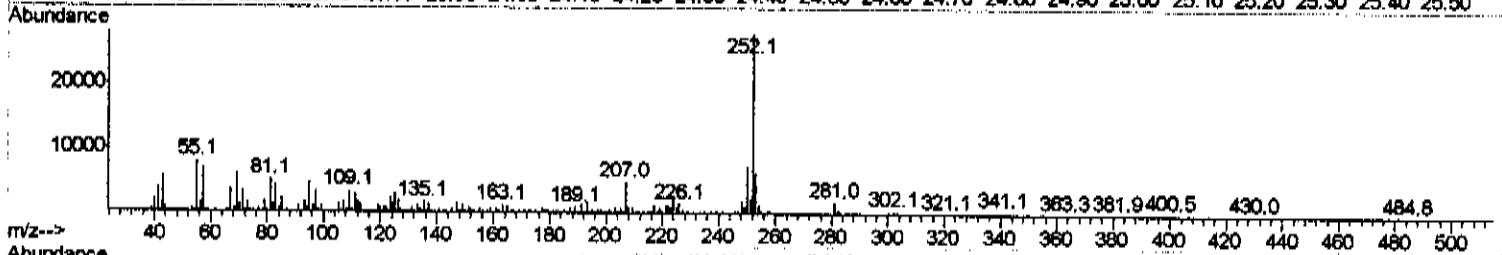
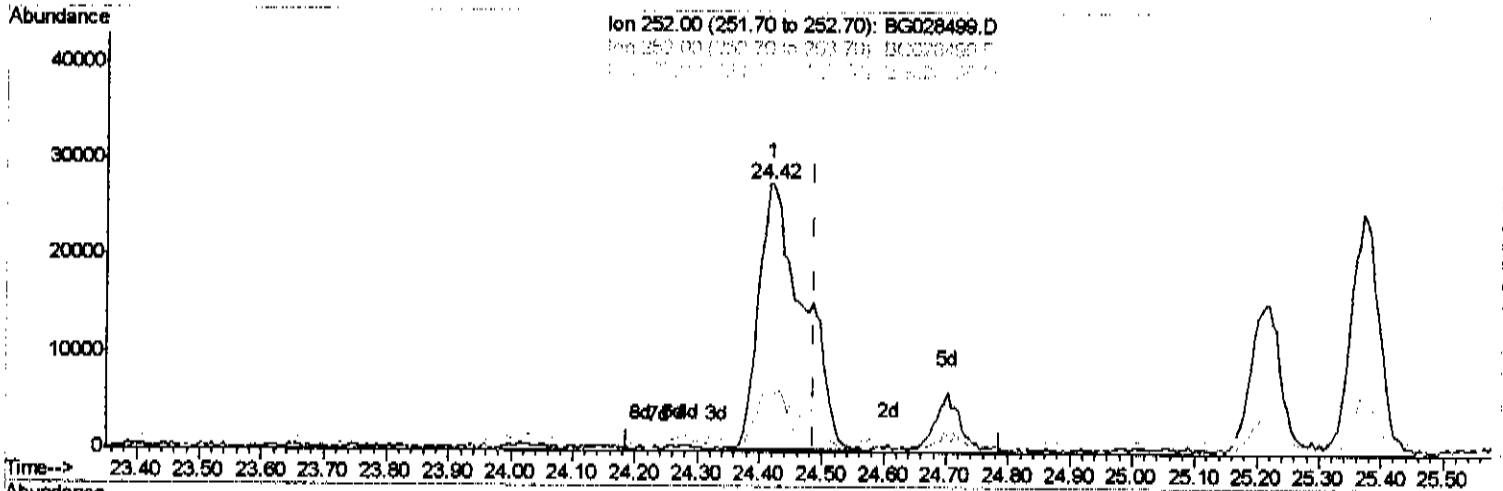
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(86) Benzo(k)fluoranthene

24.419min (-0.068) 6.79ng/ul

response 135792

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.86
125.00	5.10	11.80%
0.00	0.00	0.00

Quantitation Report (Qedit)

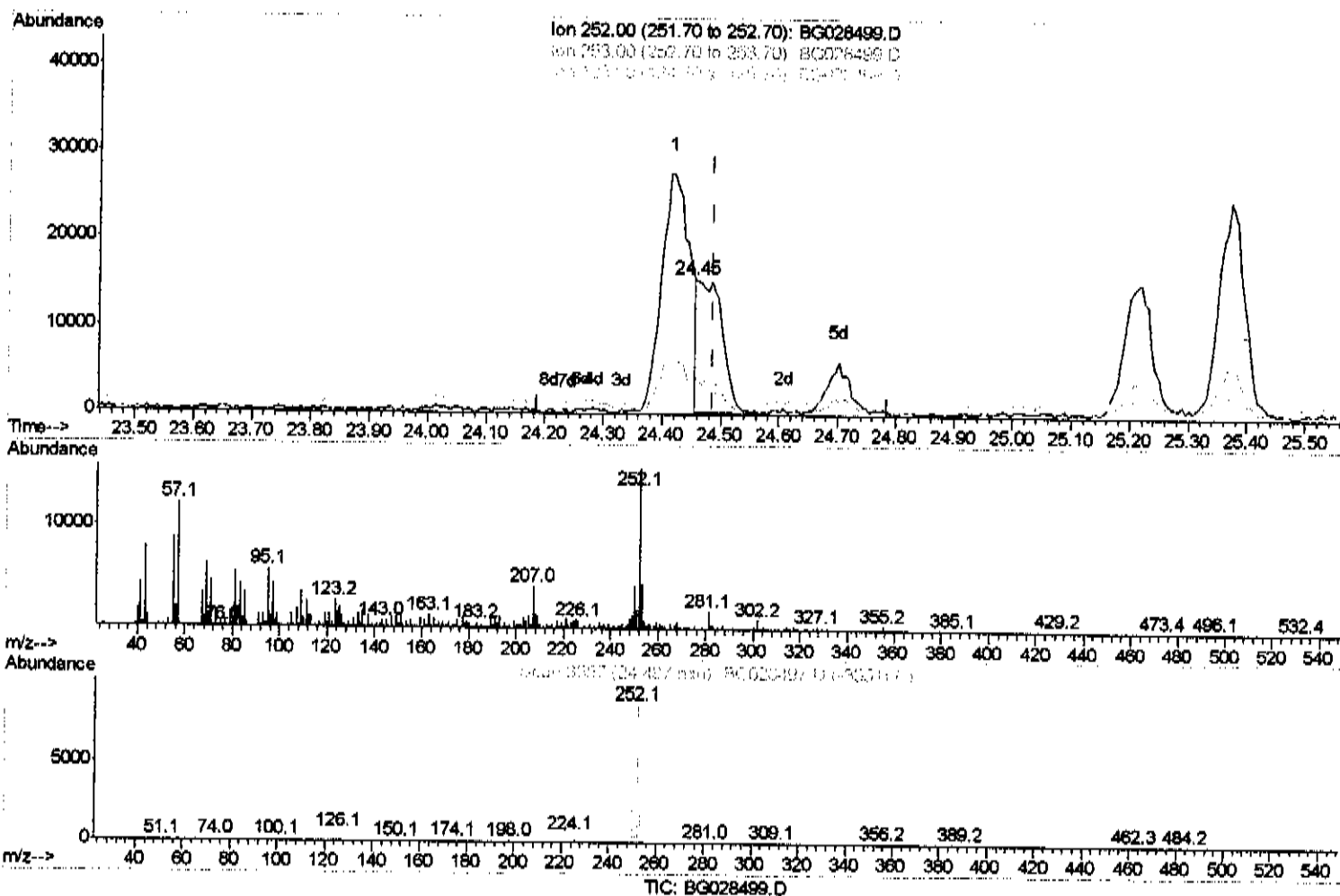
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(86) Benzo(k)fluoranthene

24.455min (-0.032) 2.23ng/ul m

response 44647

Ion Exp% Act%

252.00 100 100

253.00 23.10 28.75#

125.00 5.10 13.76#

0.00 0.00 0.00

Quantitation Report (Qedit)

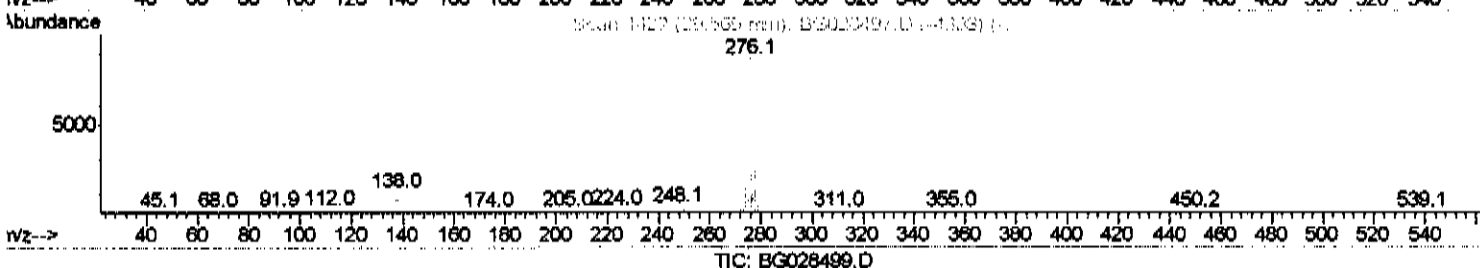
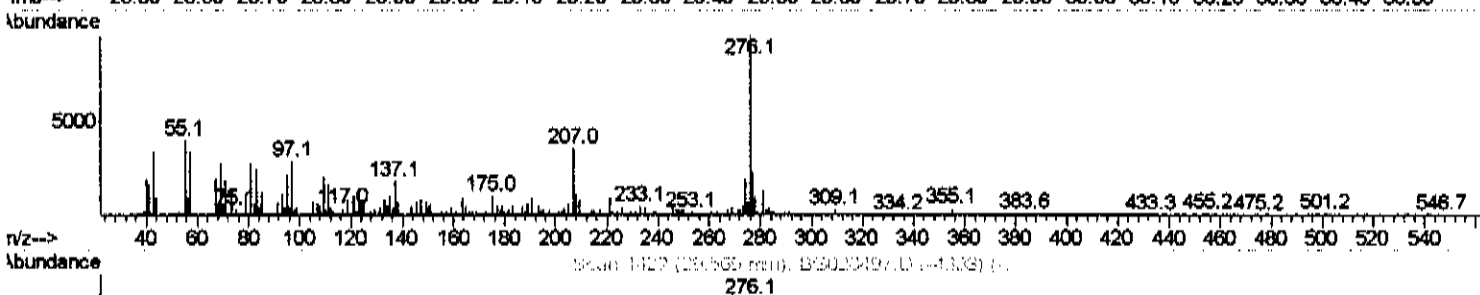
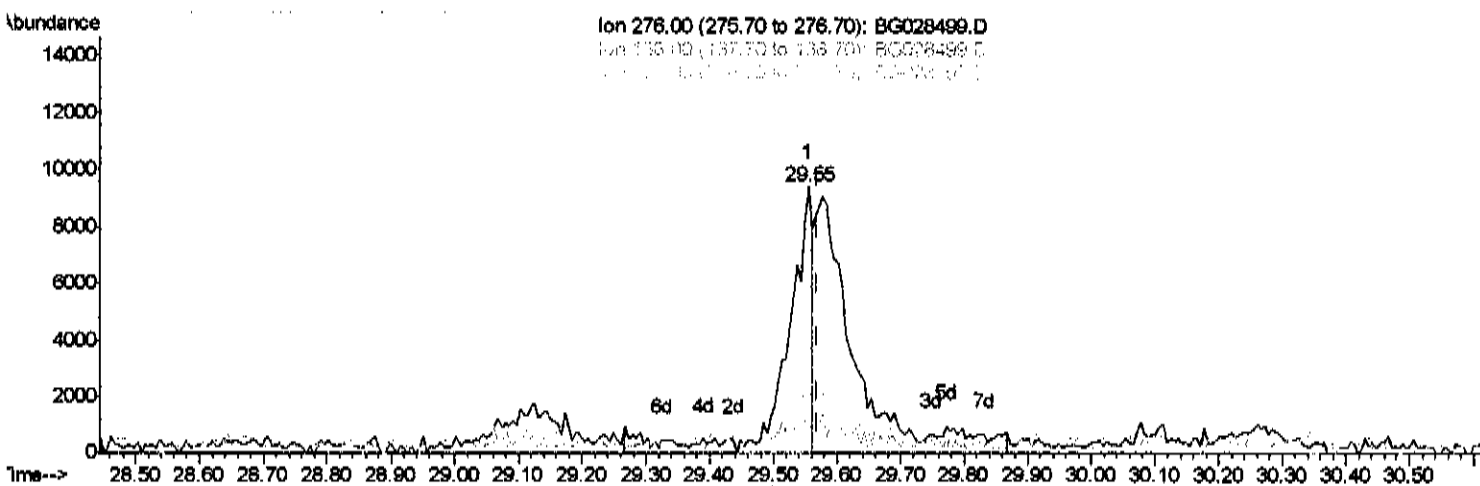
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(89) Indeno(1,2,3-cd)pyrene

29.555min (-0.015) 0.98ng/ul

response 22823

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.34
277.00	23.30	25.34
0.00	0.00	0.00

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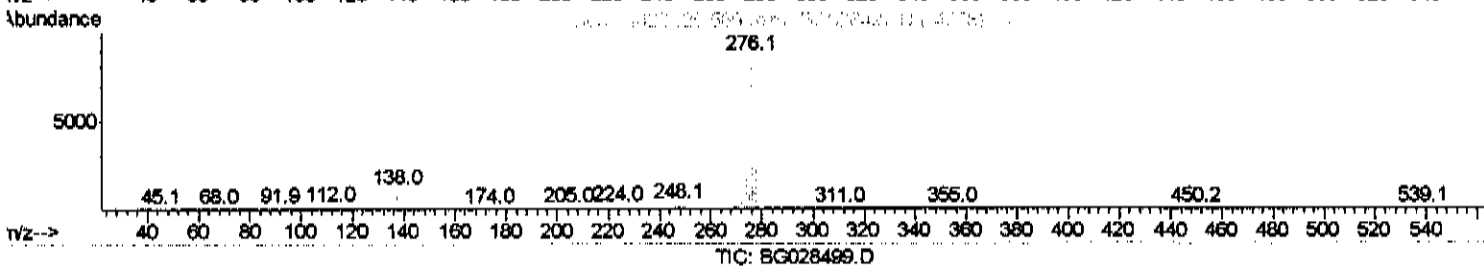
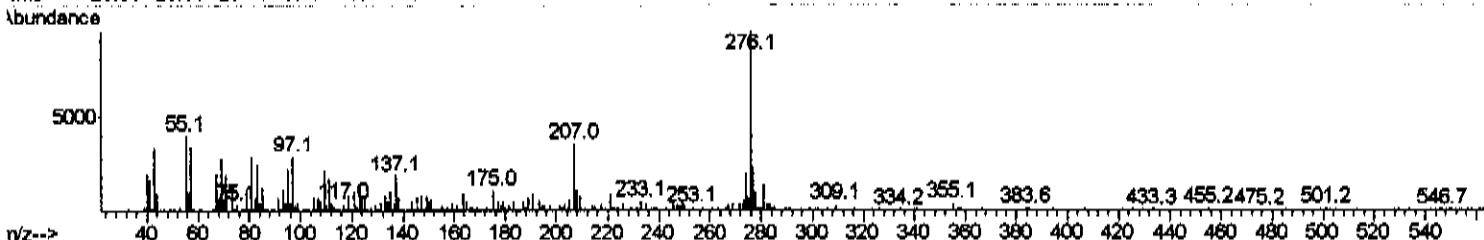
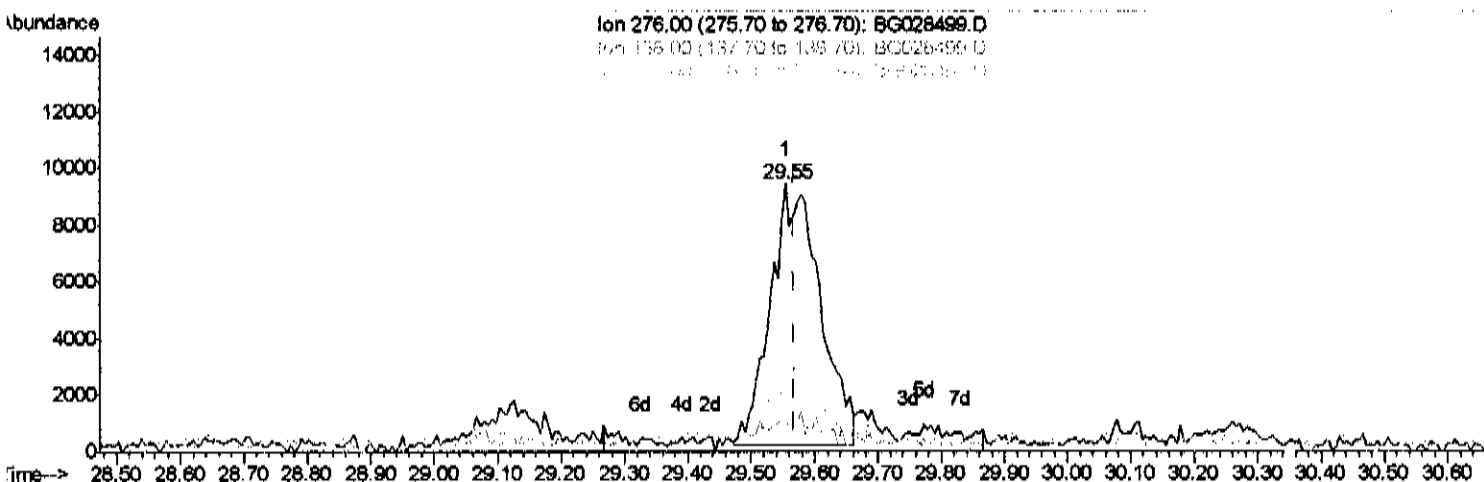
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(89) Indeno(1,2,3-cd)pyrene

29.555min (-0.015) 2.17ng/ul m

response 50314

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.34
277.00	23.30	25.34
0.00	0.00	0.00

Quantitation Report (Qedit)

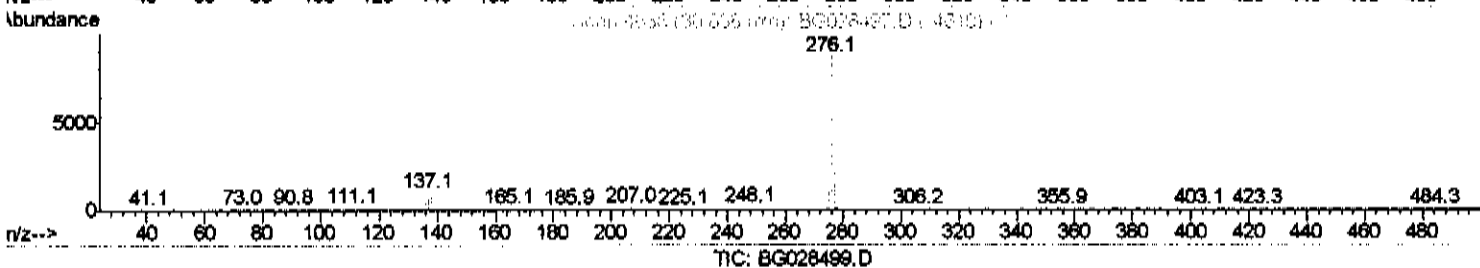
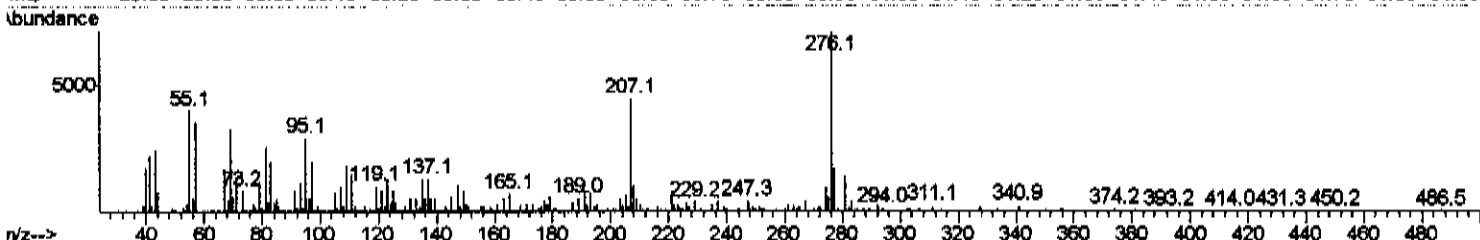
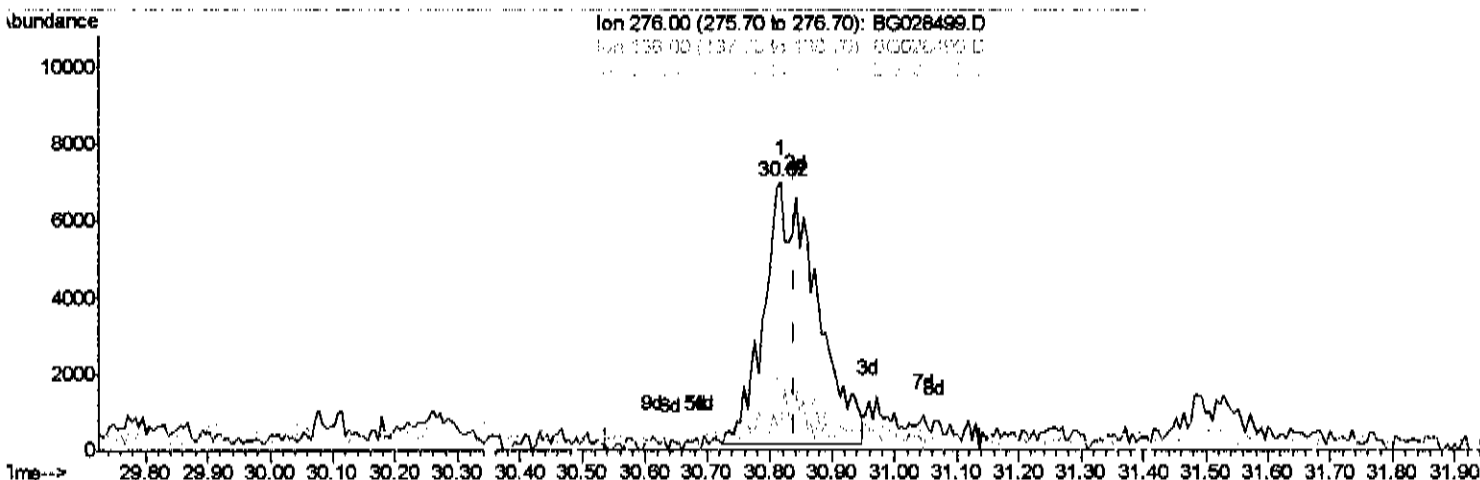
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(91) Benzo(g,h,i)perylene

30.818min (-0.020) 2.09ng/ul m

response 39979

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	9.66
277.00	22.00	25.54
0.00	0.00	0.00

Quantitation Report (Qedit)

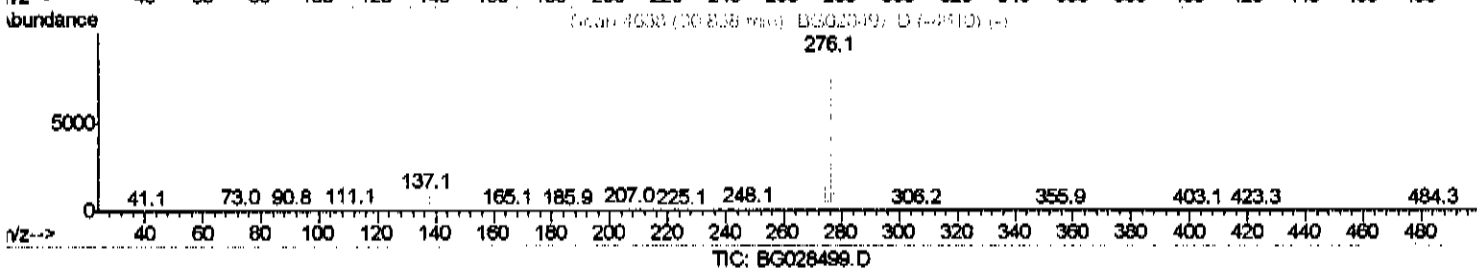
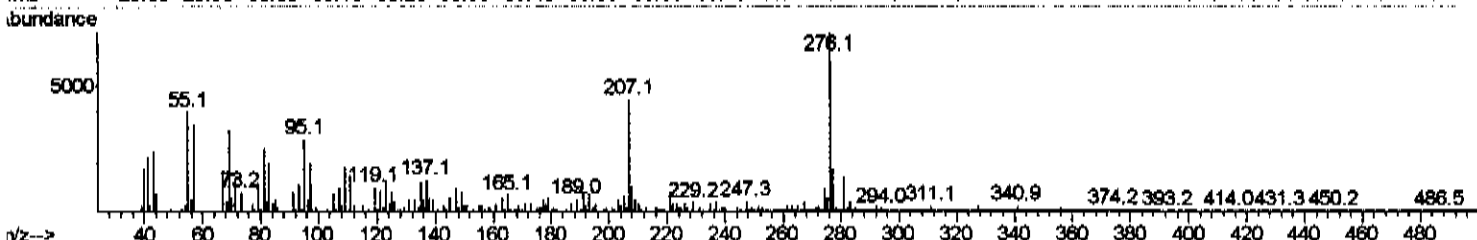
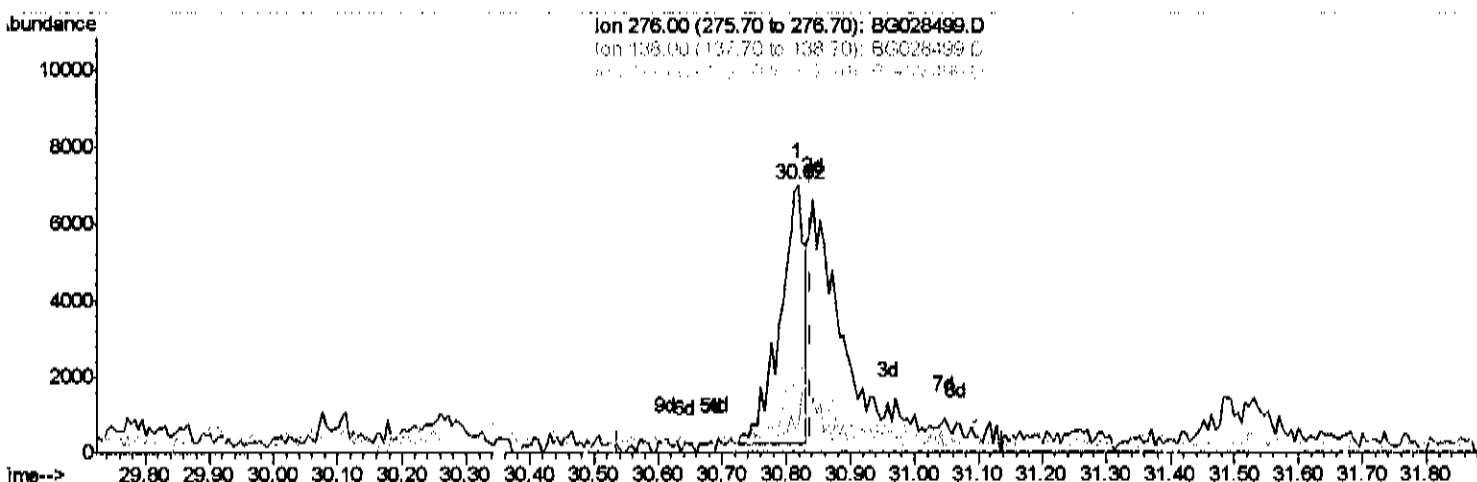
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(91) Benzo(g,h,i)perylene
 30.818min (-0.020) 0.95ng/ul
 response 18068

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	9.56
277.00	22.00	25.54
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	8.34	152	43712	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	184463	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	125734	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	290816m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	343576	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	342376	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.83	96	3810	4.06	ng/uL	0.00
5) Phenol-d5	7.49	99	95028	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	57899	19.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	69822	23.05	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	75009	18.69	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	37491	25.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	44111	27.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	83346	25.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	69323	19.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	281529	25.17	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	318821	25.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	36650	20.61	ng/ul	0.00
57) Fluorene-d10	15.94	176	240437	23.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	40581m	21.48	ng/ul	0.00
70) Anthracene-d10	17.80	188	378000	27.11	ng/ul	0.00
76) Pyrene-d10	20.08	212	446691	25.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	440800	27.50	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
6) Phenol	7.53	94	7872	1.650	ng/ul#	88	
44) Dimethylphthalate	14.38	163	171991	16.703	ng/ul	99	
69) Phenanthrene	17.74	178	86360m	5.901	ng/ul	97	
71) Anthracene	17.83	178	18974	1.268	ng/ul	97	
74) Fluoranthene	19.74	202	159692	8.978	ng/ul	97	
77) Pyrene	20.11	202	145674	7.107	ng/ul	96	
80) Benzo(a)anthracene	22.01	228	86426	4.354	ng/ul	97	
81) Bis(2-ethylhexyl)phthalate	21.85	149	59408	5.440	ng/ul#	95	
82) Chrysene	22.08	228	79655	4.455	ng/ul	98	
85) Benzo(b)fluoranthene	24.42	252	91667m	4.474	ng/ul	94	
86) Benzo(k)fluoranthene	24.45	252	44647m	2.231	ng/ul	94	
88) Benzo(a)pyrene	25.37	252	75937	3.828	ng/ul#	94	
89) Indeno(1,2,3-cd)pyrene	29.55	276	50314m	2.166	ng/ul	94	
91) Benzo(g,h,i)perylene	30.82	276	39979m	2.092	ng/ul	94	

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