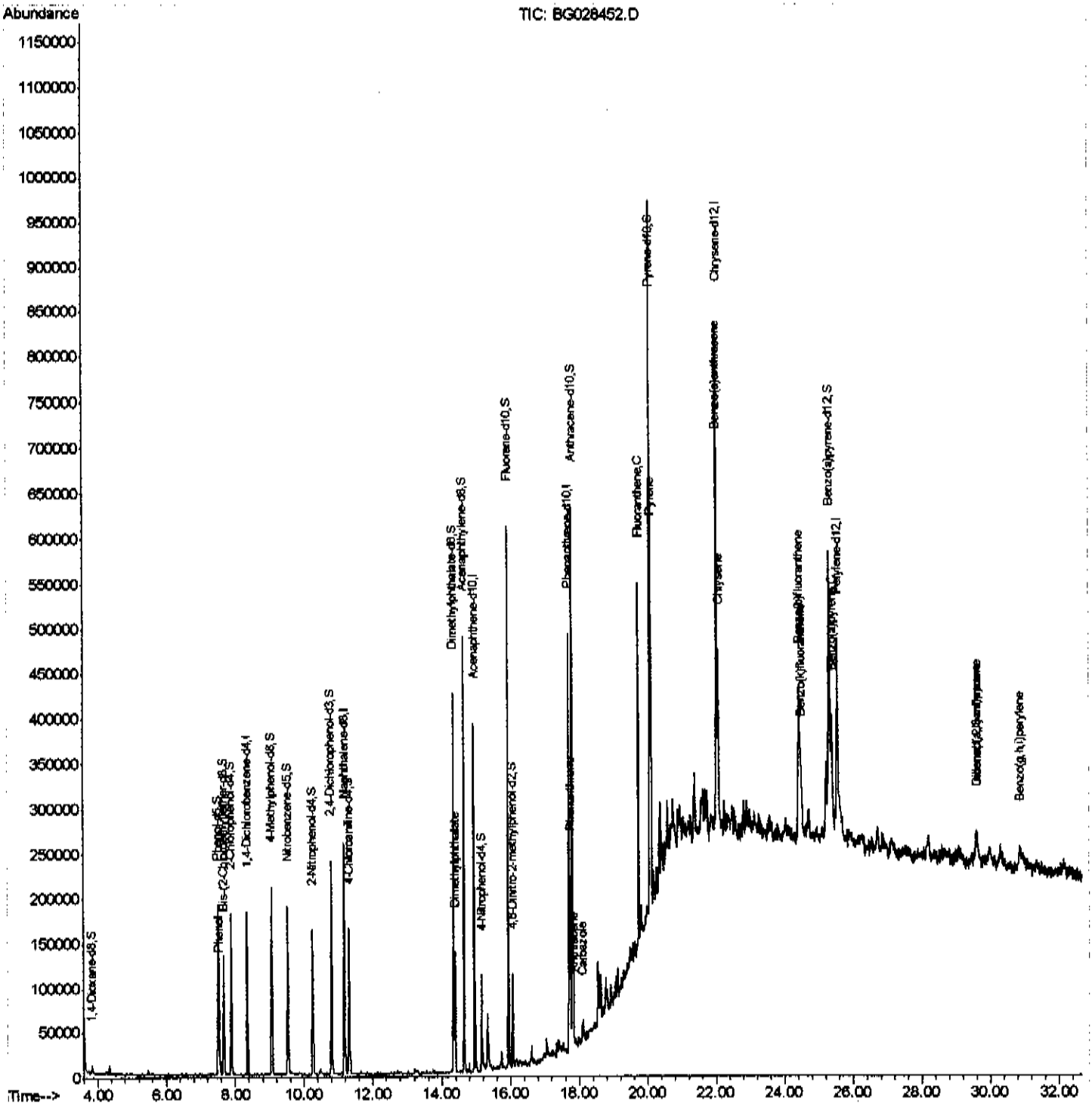
Instrument :
BNA_G
ClientSampleId :
B0AF8

Manual Integrations APPROVED
Sohil
8/24/2017 4:38:37 PM

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\Data\BG082317\
Data File : BG028452.D
Acq On : 23 Aug 2017 16:04
Operator : SJ/JU
Sample : I4827-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 24 04:34:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 24 01:29:02 2017
Response via : Initial Calibration



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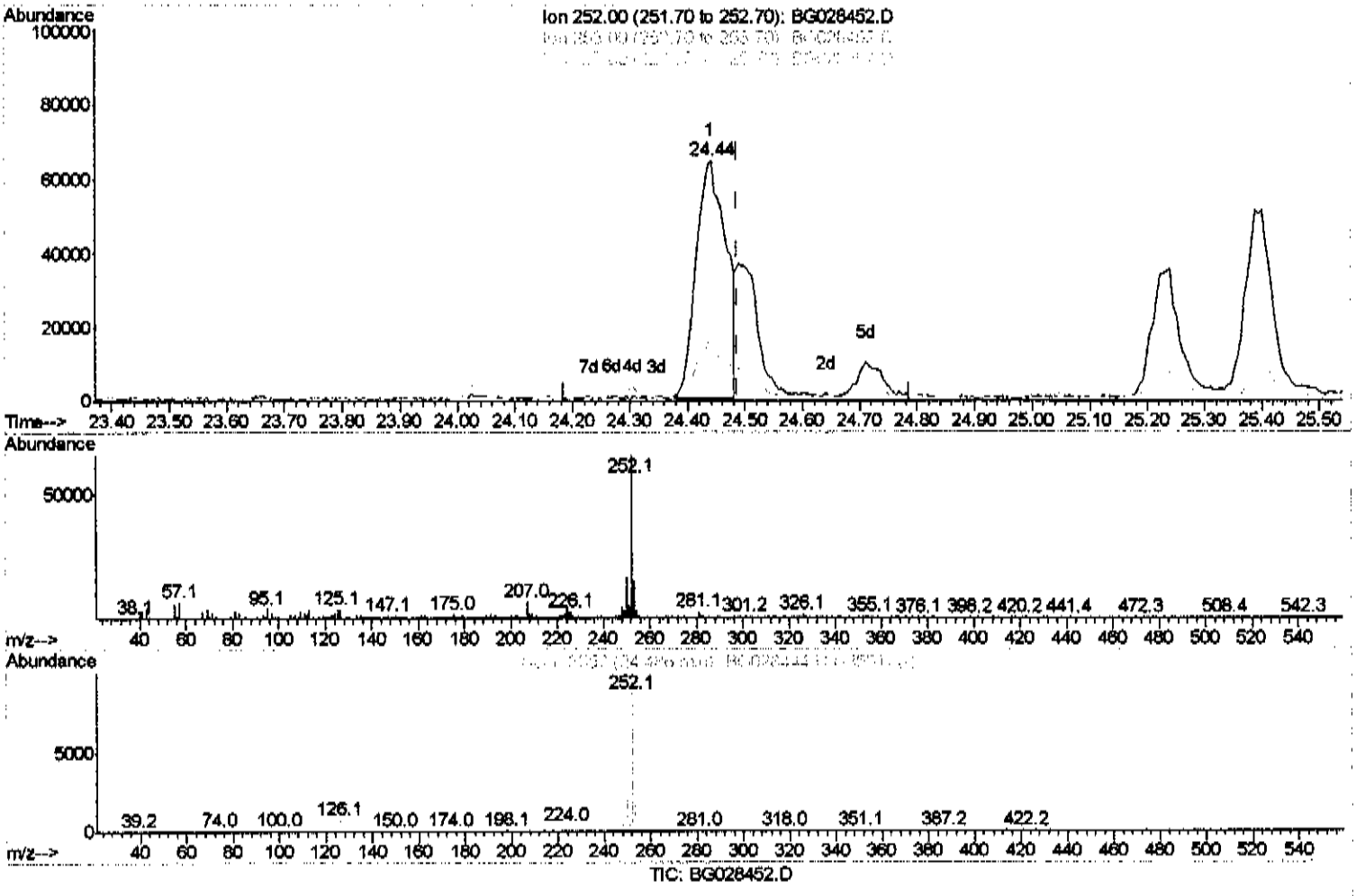

TIC: BG028452.D

(86) Benzo(k)fluoranthene

24.440min (-0.046) 12.87ng/ul

response 235544

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.57
125.00	5.10	5.86
0.00	0.00	0.00

Instrument :
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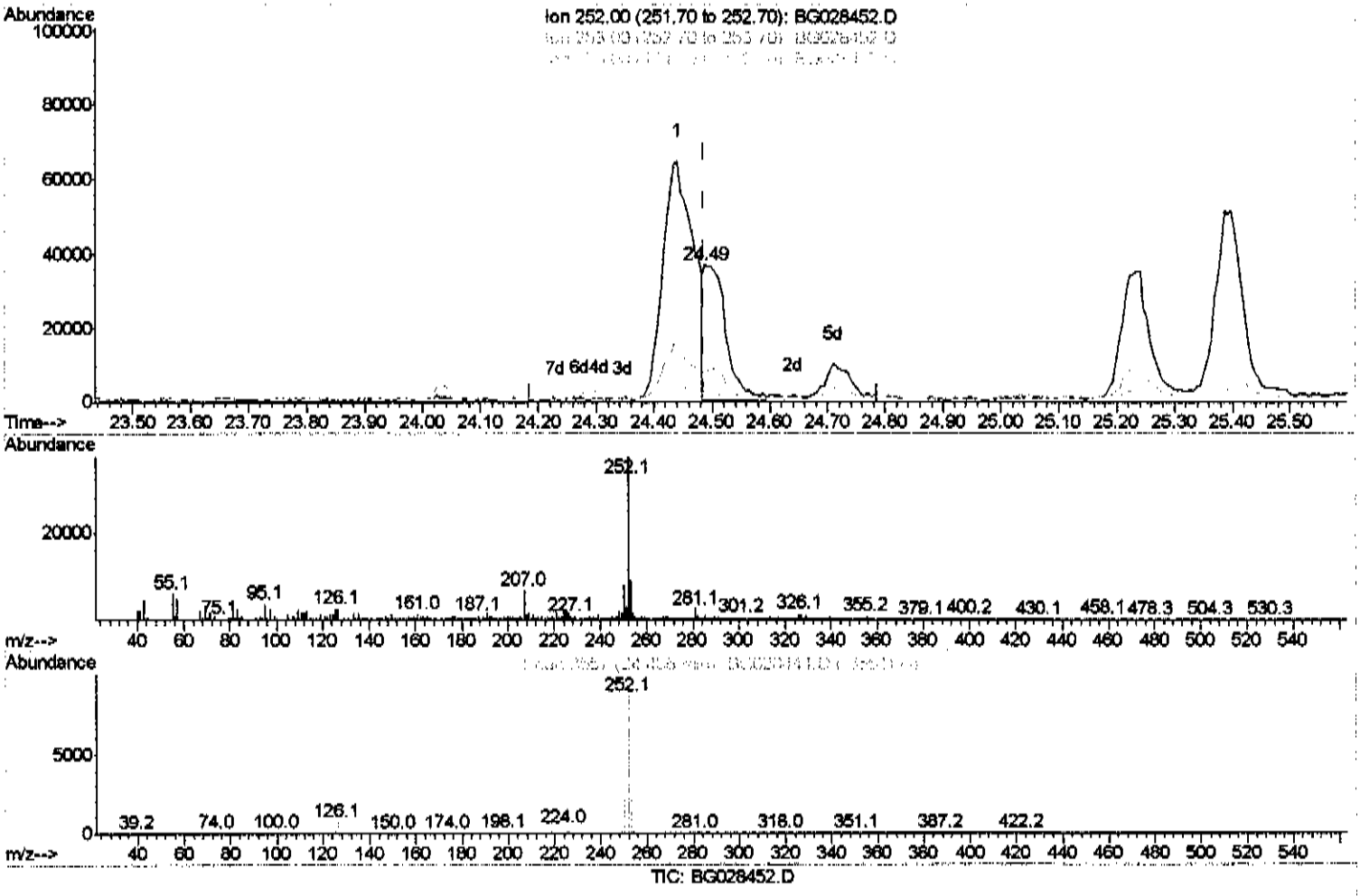

(86) Benzo(k)fluoranthene

24.487min (+0.001) 5.26ng/ul m 8/24/17

response 96259

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.08
125.00	5.10	7.32#
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
B0AF8

Manual Integrations APPROVED
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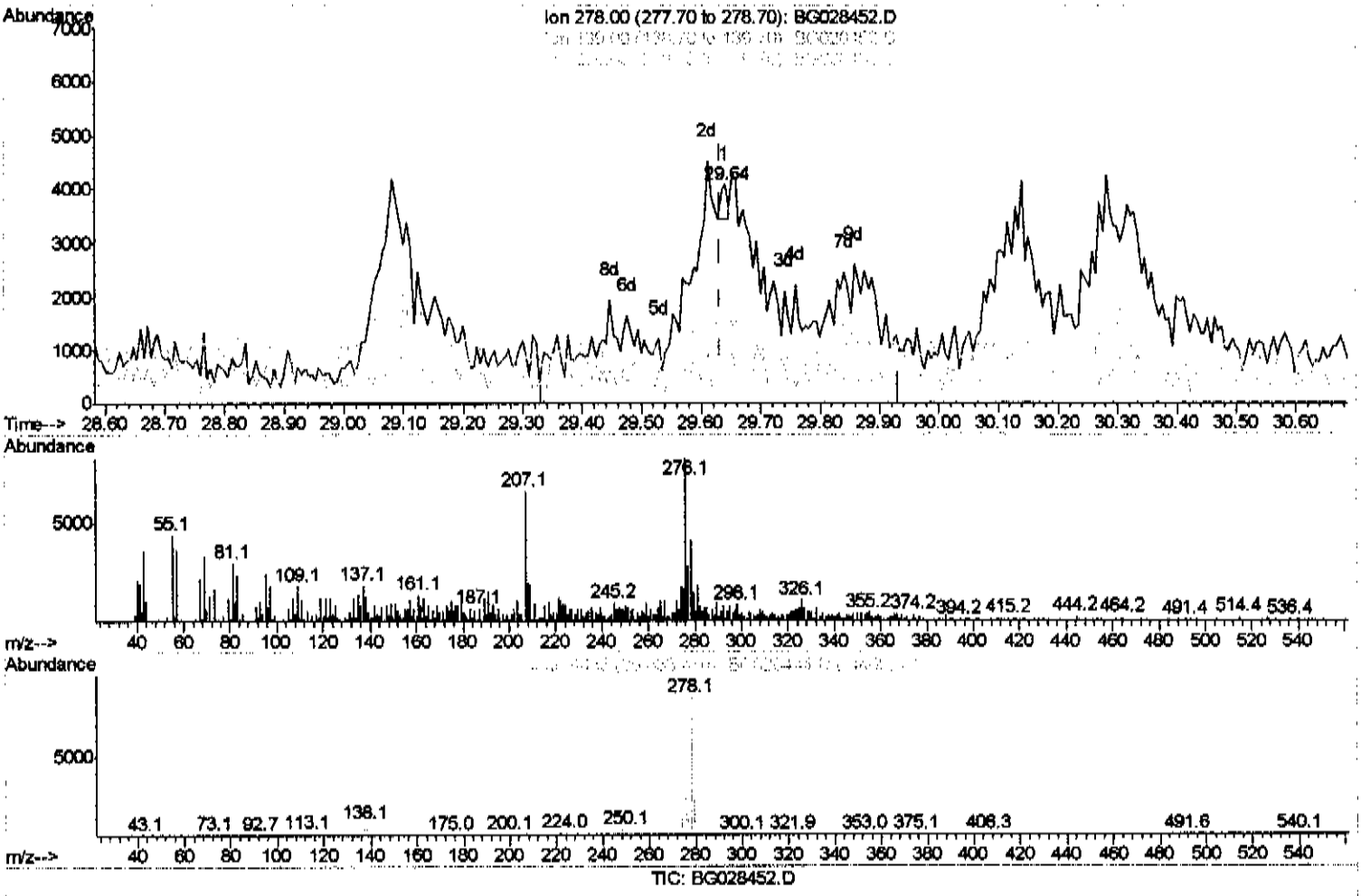

TIC: BG028452.D

(90) Dibenzo(a,h)anthracene

29.640min (+0.007) 0.03ng/ul

response 507

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	13.92#
279.00	26.10	37.51#
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
B0AF8

Manual Integrations APPROVED
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Quantitation Report (Qedit)

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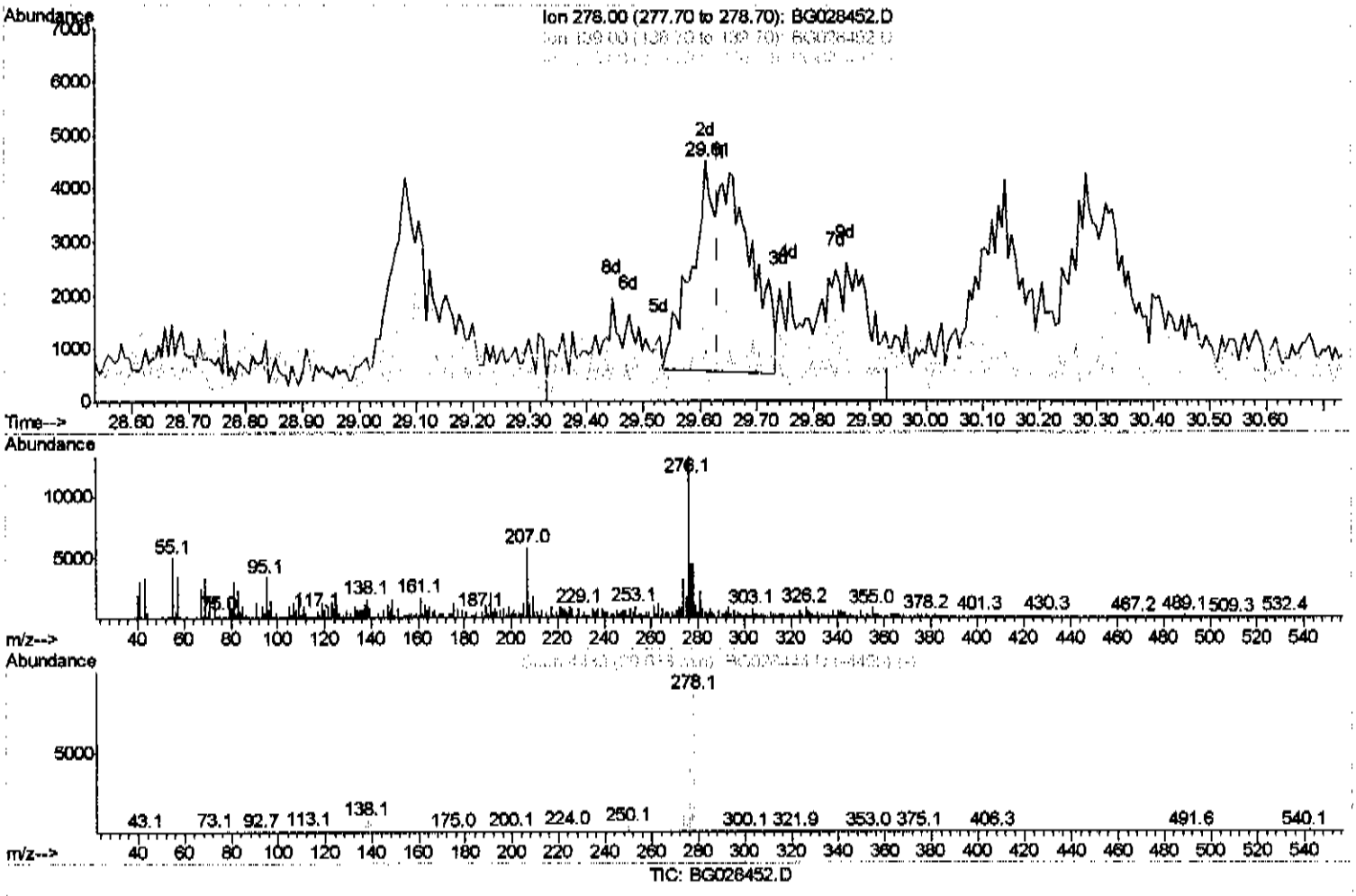

(90) Dibenzo(a,h)anthracene

29.611min (-0.023) 1.48ng/ul m 8/24/17

response 26319

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	21.83#
279.00	26.10	25.22
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
B0AF8

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	51301	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	213097	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	133148	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	294971	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	337364	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	313008	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	3862	3.51	ng/uL	0.00
5) Phenol-d5	7.50	99	109947	19.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	69196	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	79323	22.32	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	85301	18.11	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	43652	26.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	52598	28.79	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.79	165	96333	25.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	89034	21.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	299657	25.30	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	350470	26.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	31473	16.71	ng/ul	0.01
57) Fluorene-d10	15.94	176	249215	23.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	24201	12.63	ng/ul	0.01
70) Anthracene-d10	17.81	188	371679	26.28	ng/ul	0.00
76) Pyrene-d10	20.08	212	442269	25.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	418491	28.56	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.52	94	11634	2.078	ng/ul	91
44) Dimethylphthalate	14.39	163	87598	8.034	ng/ul	100
69) Phenanthrene	17.75	178	126026	8.490	ng/ul	98
71) Anthracene	17.84	178	17556	1.157	ng/ul	94
72) Carbazole	18.11	167	15732	1.192	ng/ul	97
74) Fluoranthene	19.75	202	277129	15.361	ng/ul	99
77) Pyrene	20.11	202	251170	12.479	ng/ul	99
80) Benzo(a)anthracene	22.02	228	162678	8.346	ng/ul	98
82) Chrysene	22.09	228	174930	9.965	ng/ul	96
85) Benzo(b)fluoranthene	24.44	252	235544	12.575	ng/ul	97
86) Benzo(k)fluoranthene	24.49	252	96259m	5.261	ng/ul	> 98
88) Benzo(a)pyrene	25.39	252	163186	8.998	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.60	276	76819	3.617	ng/ul	95
90) Dibenzo(a,h)anthracene	29.61	278	26319m	1.479	ng/ul	> 87
91) Benzo(g,h,i)perylene	30.86	276	54903	3.142	ng/ul#	87

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