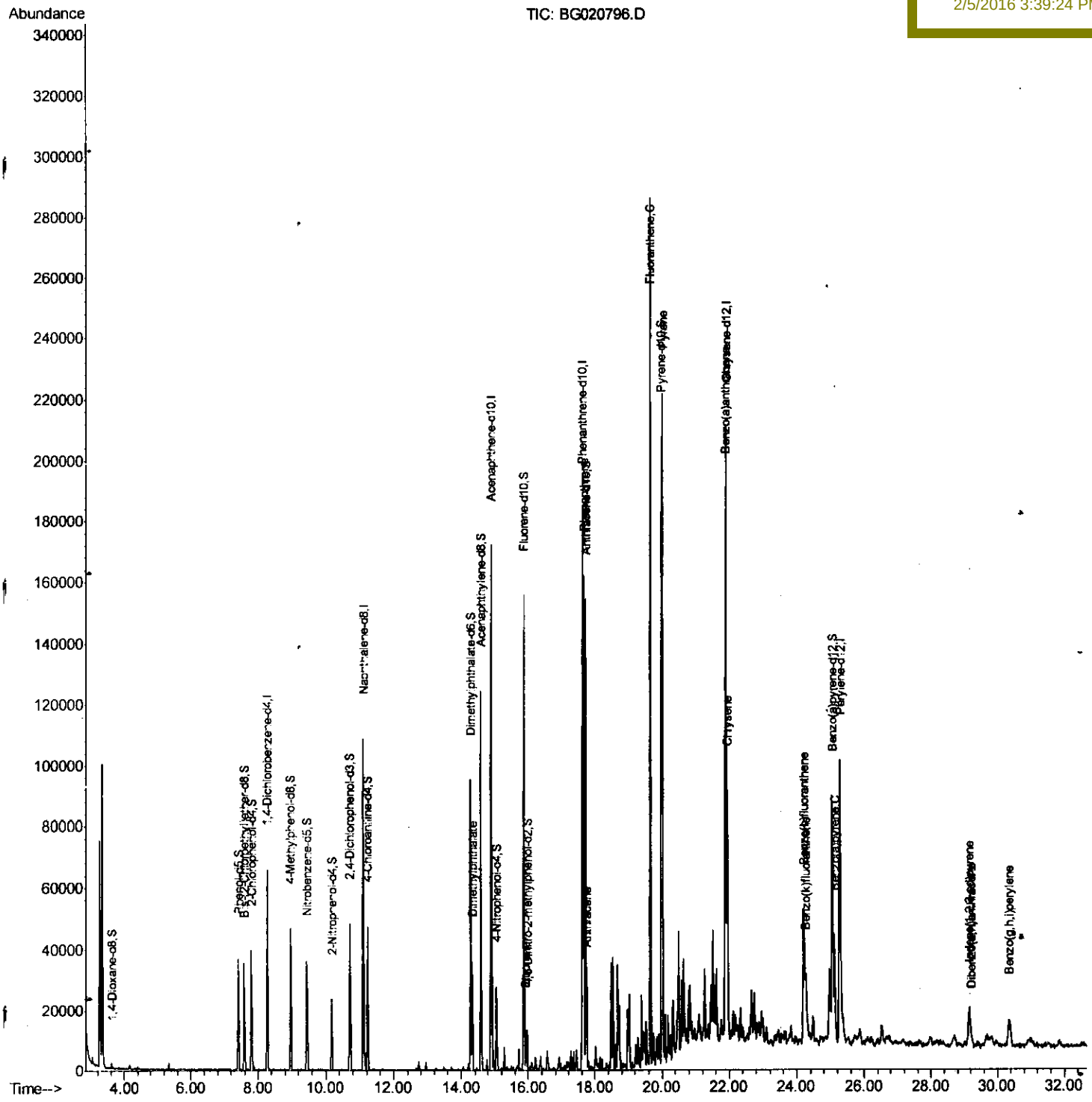
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020796.D
Acq On : 4 Feb 2016 21:45
Operator : SJ/IZ
Sample : H1334-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 05 07:42:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 07:34:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBG16

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:24 PM



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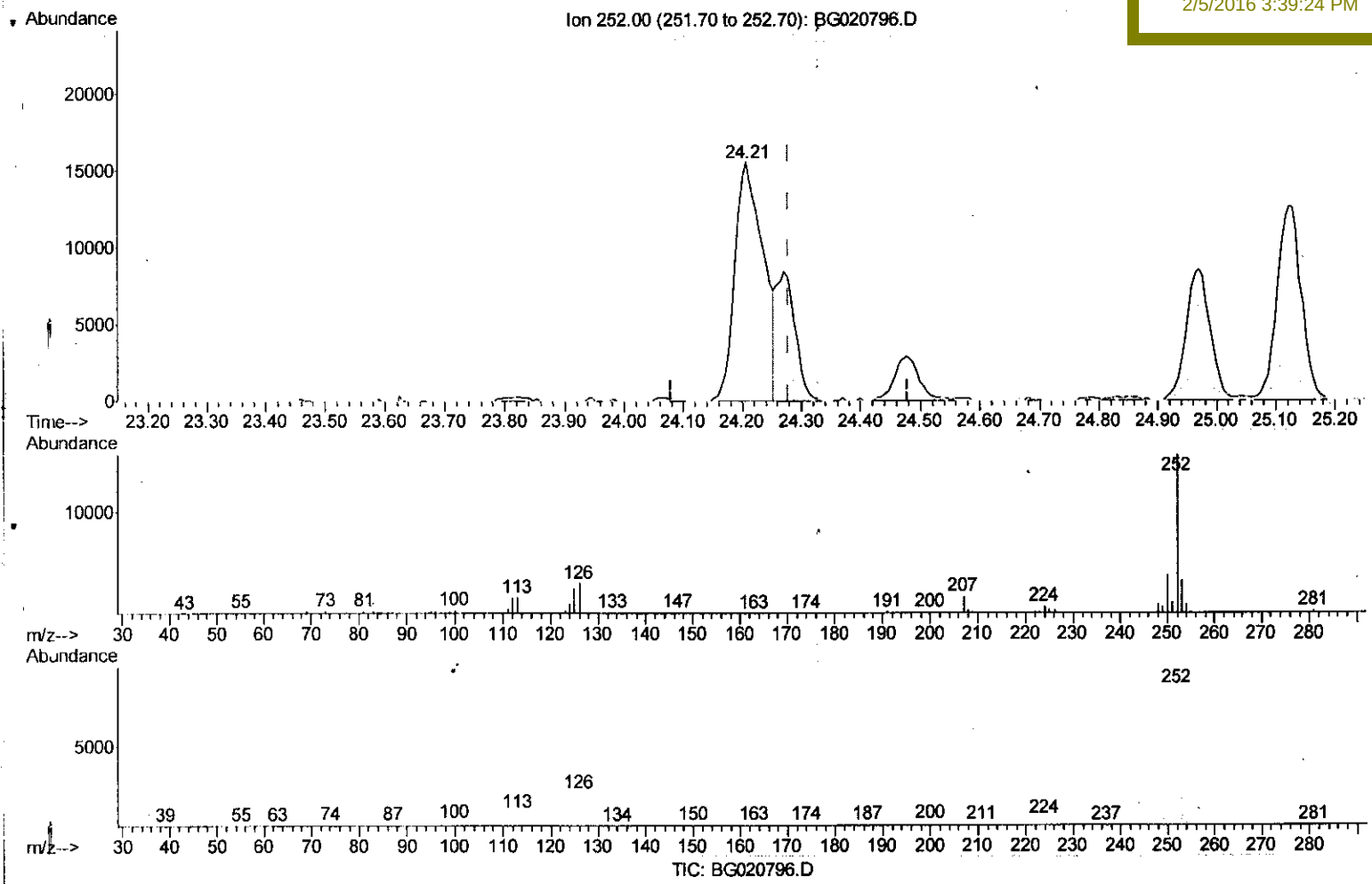

(89) Benzo(k)fluoranthene

24.205min (-0.074) 9.01ng/ul

response 52402

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.67
125.00	6.70	16.89#
0.00	0.00	0.00

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mohammad
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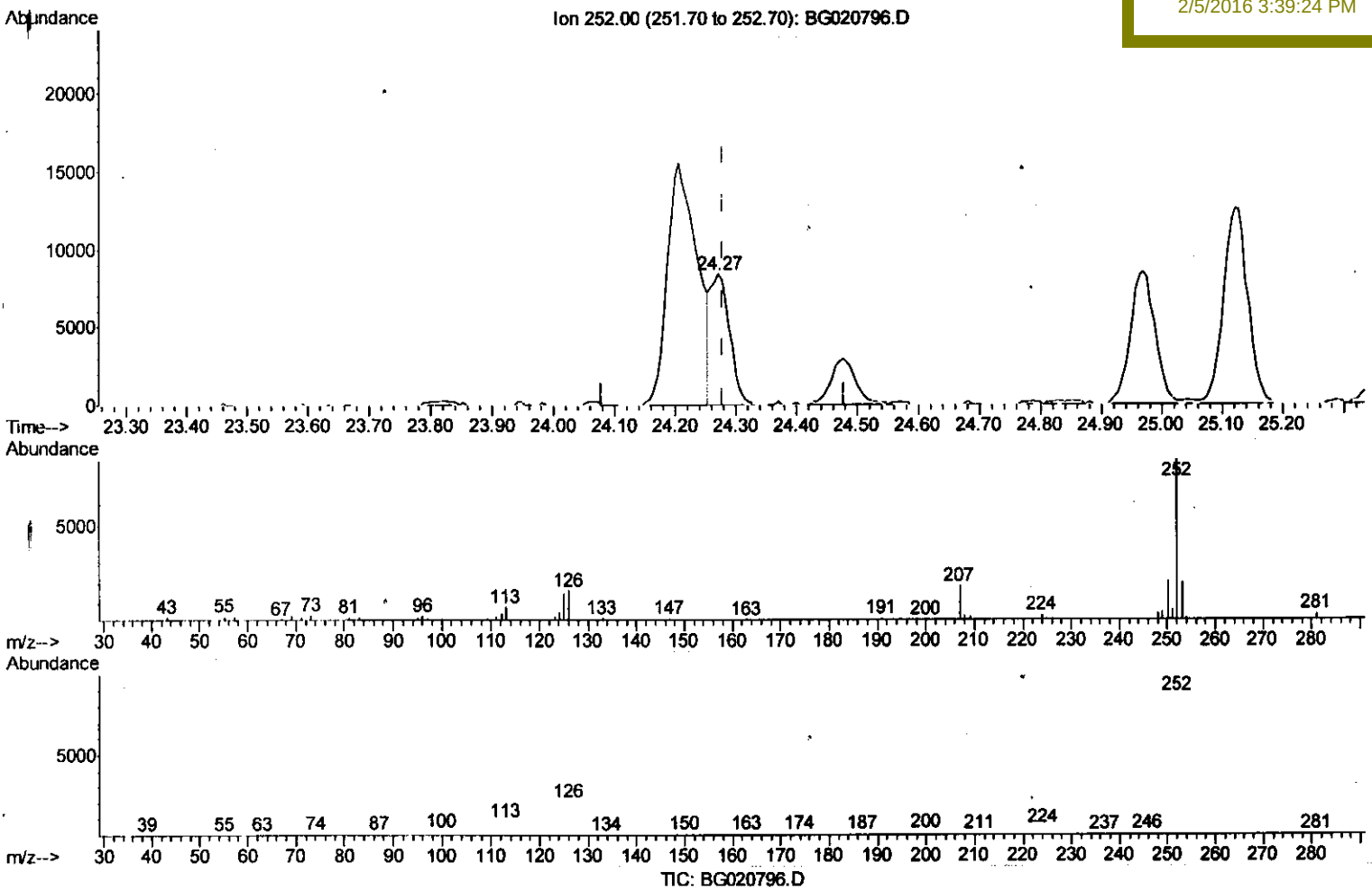

(89) Benzo(k)fluoranthene

24.270min (-0.009) 3.15ng/ul m S.J 2/9/16

response 18330

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.52
125.00	6.70	17.85#
0.00	0.00	0.00

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Manual Integrations APPROVED
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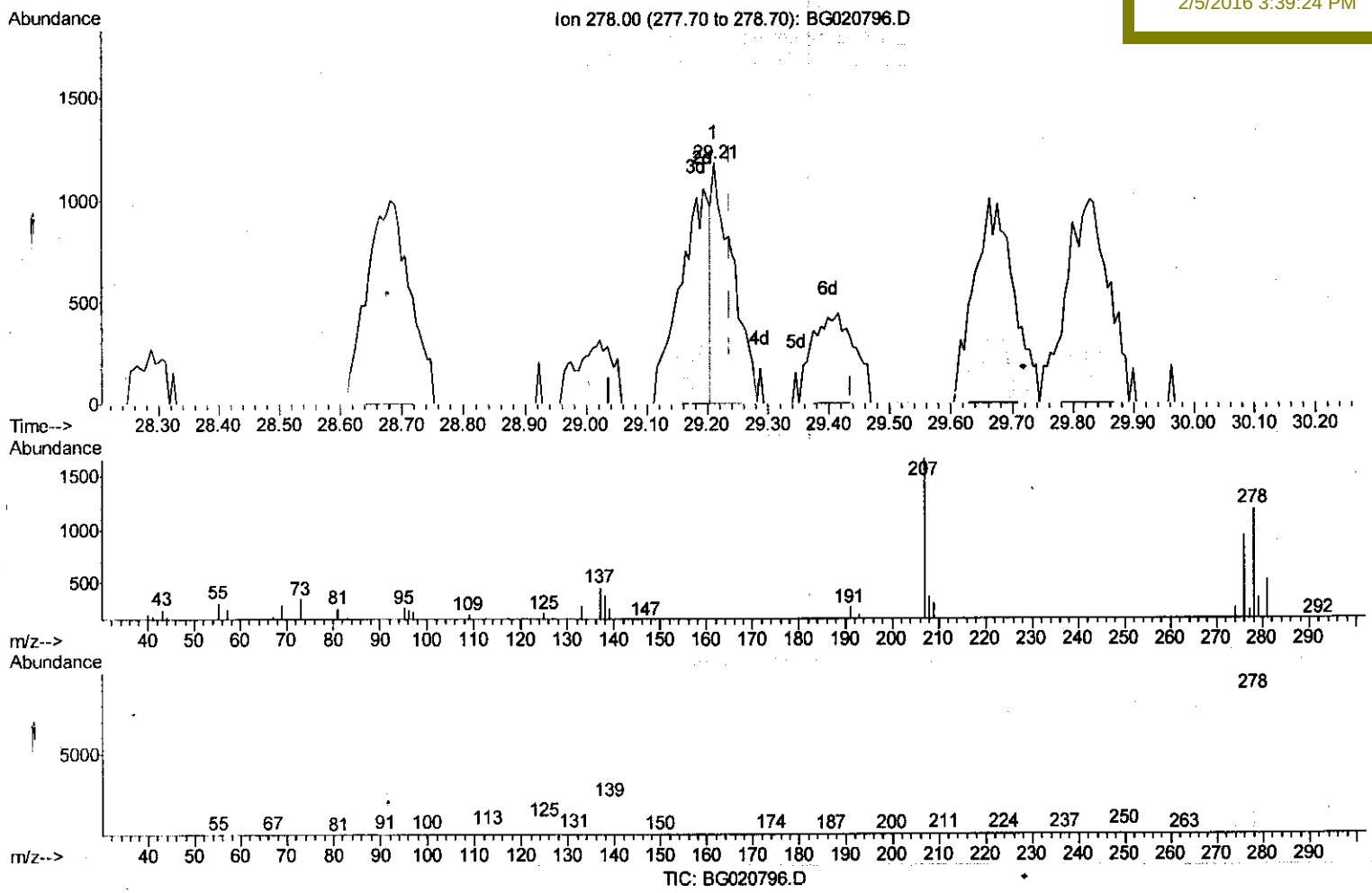

(93) Dibenzo(a,h)anthracene

29.210min (-0.027) 0.50ng/ul

response 2741

Ion	Exp%	Act%
278.00	100	100
139.00	11.20	21.98#
279.00	23.90	29.75#
0.00	0.00	0.00

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BNA_G
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Manual Integrations APPROVED
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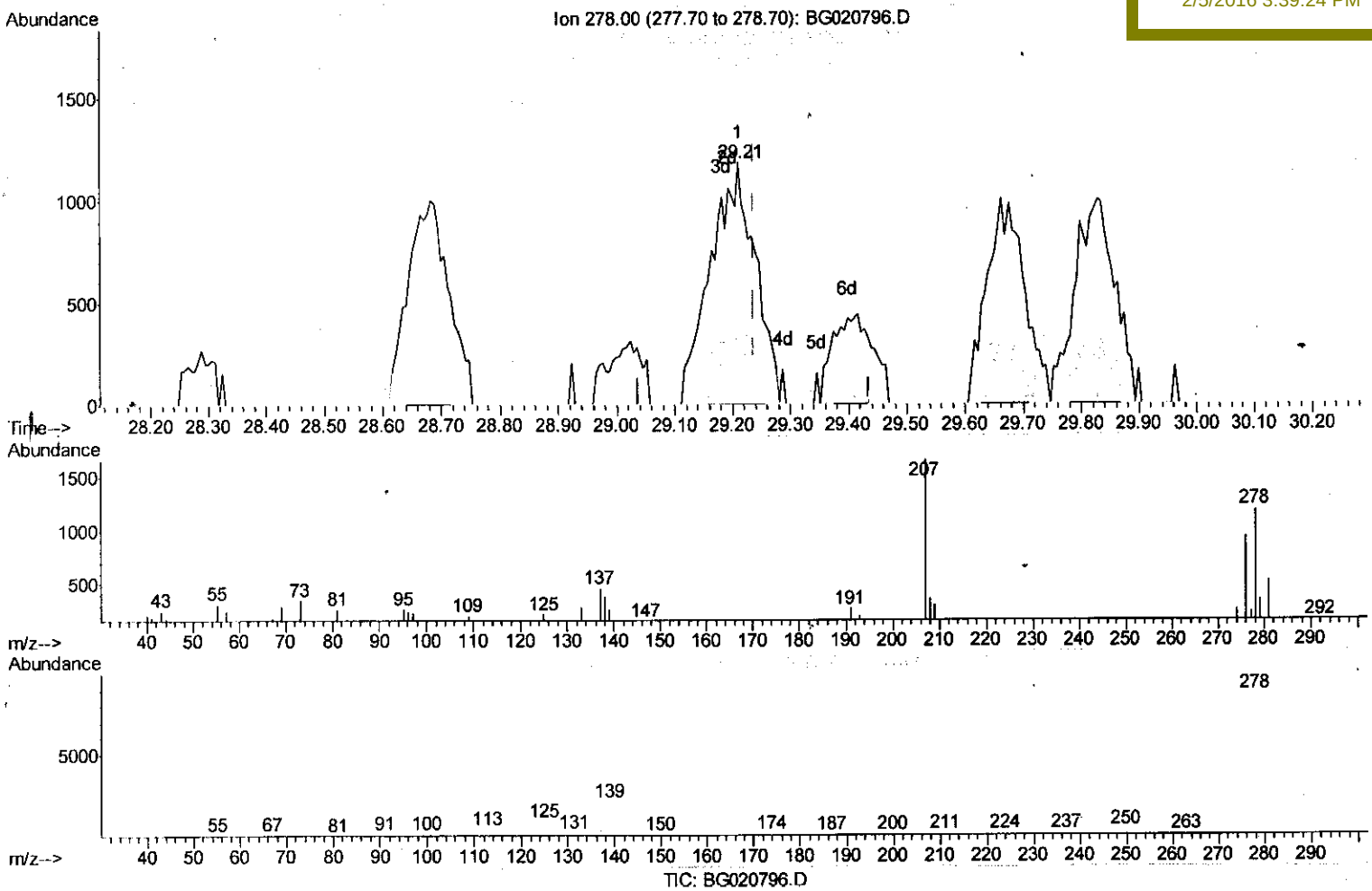

(93) Dibenzo(a,h)anthracene

29.210min (-0.027) 1.17ng/ul m S.J 2/8/16

response 6416

Ion	Exp%	Act%
278.00	100	100
139.00	11.20	21.98#
279.00	23.90	29.75#
0.00	0.00	0.00

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Instrument :
BNA_G
ClientSampleId :
BBG16

Manual Integrations APPROVED
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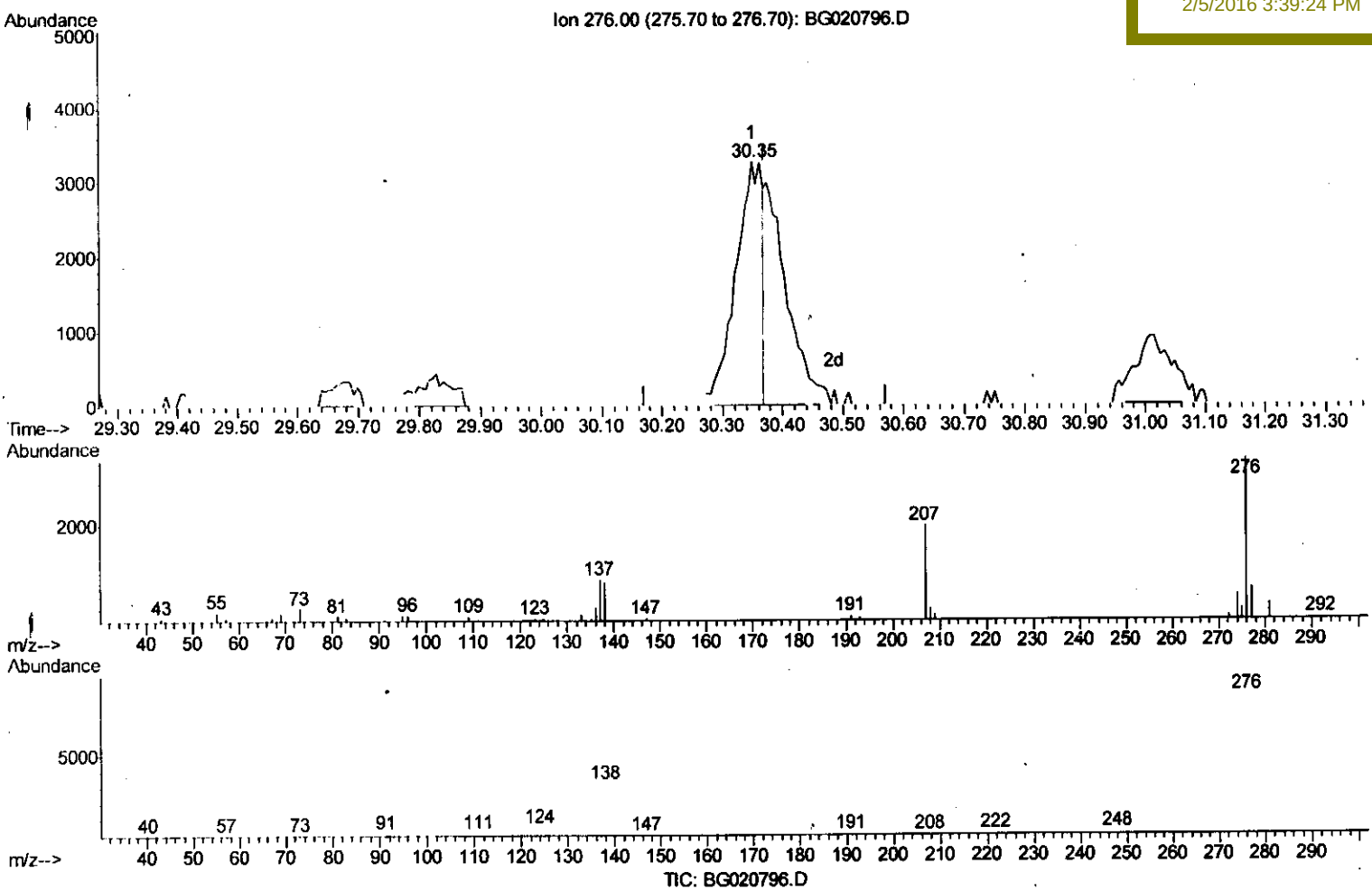

TIC: BG020796.D

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

30.350min (-0.021) 1.84ng/ul

response 10022

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	27.57#
277.00	23.80	23.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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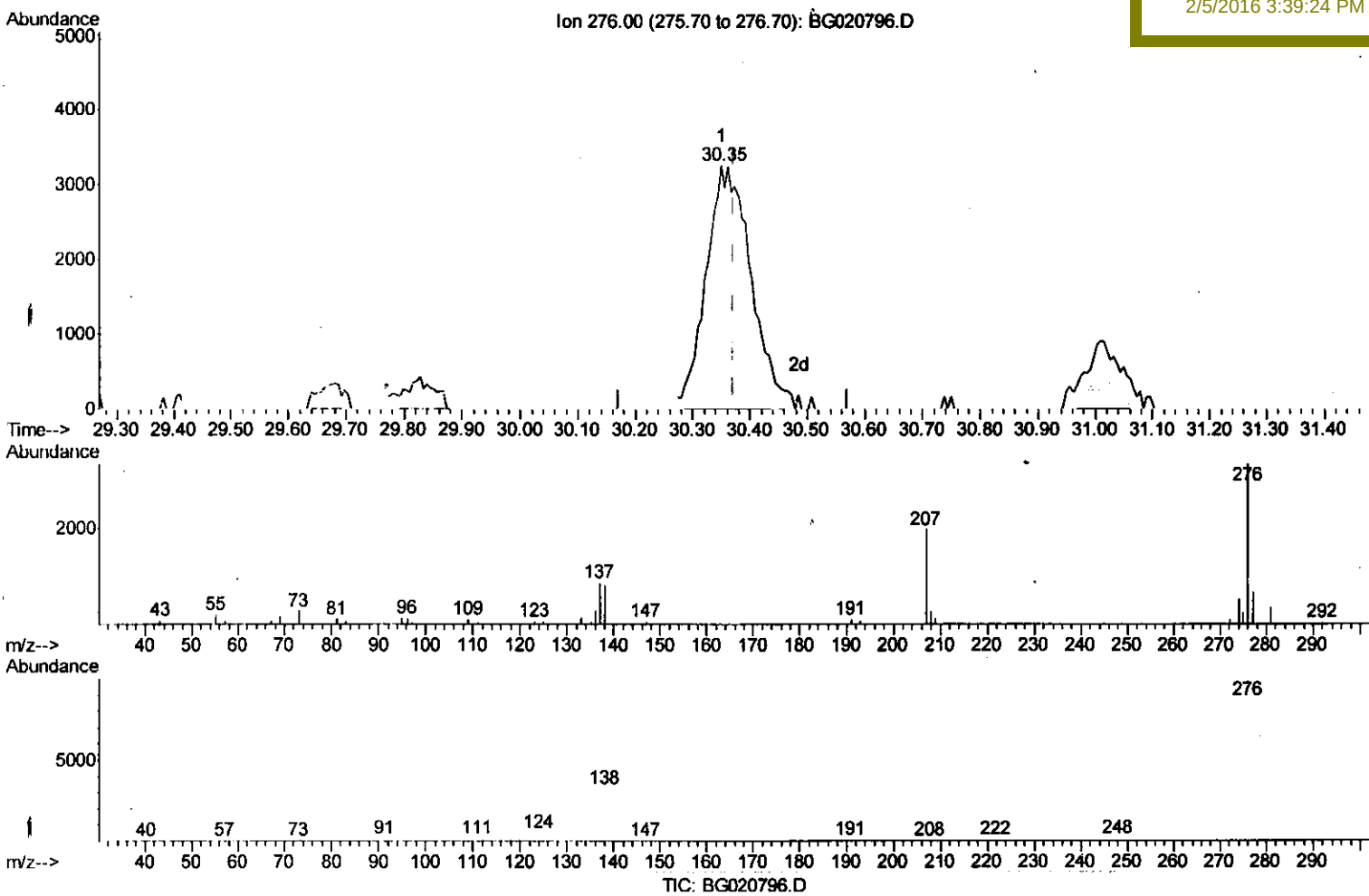

TIC: BG020796.D

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

30.350min (-0.021) 3.24ng/ul m

response 17674

S.J 2/9/16

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	27.57#
277.00	23.80	23.79
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : BNA_G
ClientSampleId : BBG16

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21108	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	105640	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	58280	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	112341	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	96803	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	90662	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1034	2.35	ng/uL	0.00
5) Phenol-d5	7.41	99	27731	12.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	16530	14.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	23658	14.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	22172	11.90	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	11773	18.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	10562	18.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	21885	14.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	31853	14.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	72081	14.48	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	94649	15.60	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	8575	9.74	ng/ul	0.00
58) Fluorene-d10	15.87	176	61889	14.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	3781	10.19	ng/ul	0.00
71) Anthracene-d10	17.72	188	87898	15.91	ng/ul	0.00
79) Pyrene-d10	19.99	212	85671	16.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	82566	16.99	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	26705	5.14	ng/ul#	98
59) Fluorene	15.93	166	6547	1.23	ng/ul	99
70) Phenanthrene	17.67	178	106387	15.08	ng/ul	99
72) Anthracene	17.76	178	17486	2.48	ng/ul	98
77) Fluoranthene	19.65	202	160454	22.14	ng/ul#	78
80) Pyrene	20.02	202	131561	17.98	ng/ul#	74
83) Benzo(a)anthracene	21.89	228	55190	8.85	ng/ul	97
85) Chrysene	21.95	228	54755	9.46	ng/ul	99
88) Benzo(b)fluoranthene	24.21	252	52402	8.82	ng/ul#	93
89) Benzo(k)fluoranthene	24.27	252	18330m	3.15	ng/ul	
91) Benzo(a)pyrene	25.12	252	35612	6.27	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	29.16	276	19680	2.96	ng/ul#	84
93) Dibenzo(a,h)anthracene	29.21	278	6416m	1.17	ng/ul	
94) Benzo(g,h,i)perylene	30.35	276	17674m	3.24	ng/ul	

SJ 2/9/16

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