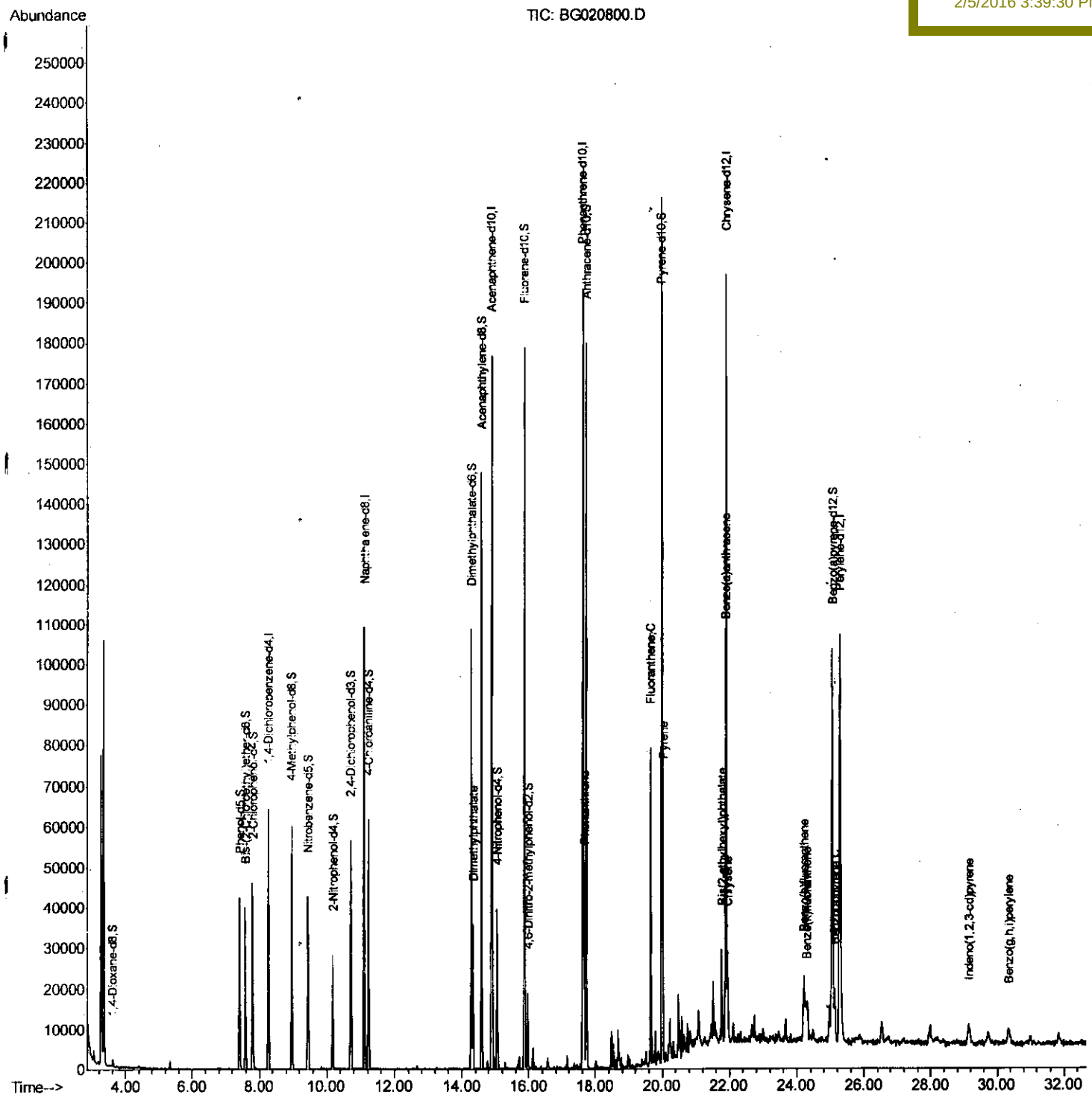
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020800.D
Acq On : 5 Feb 2016 00:22
Operator : SJ/IZ
Sample : H1334-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 05 08:02:04 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 :
BBG04

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:30 PM



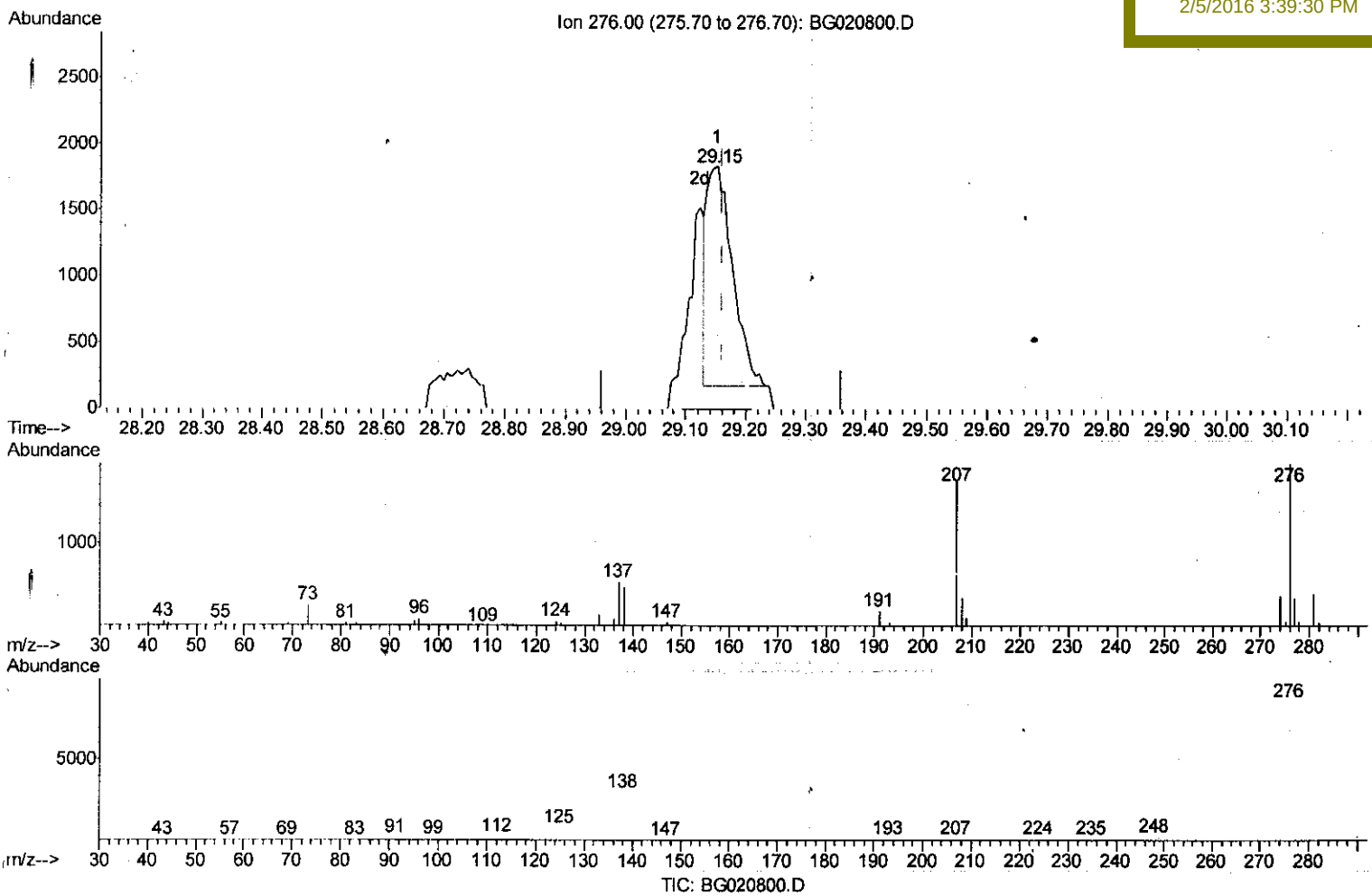
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020800.D
Acq On : 5 Feb 2016 00:22
Operator : SJ/IZ
Sample : H1334-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 05 07:39:23 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 :
BBG04

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:30 PM



TIC: BG020800.D

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

29.152min (-0.009) 0.71ng/ul

response 4943

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	29.69#
277.00	23.60	24.29
0.00	0.00	0.00

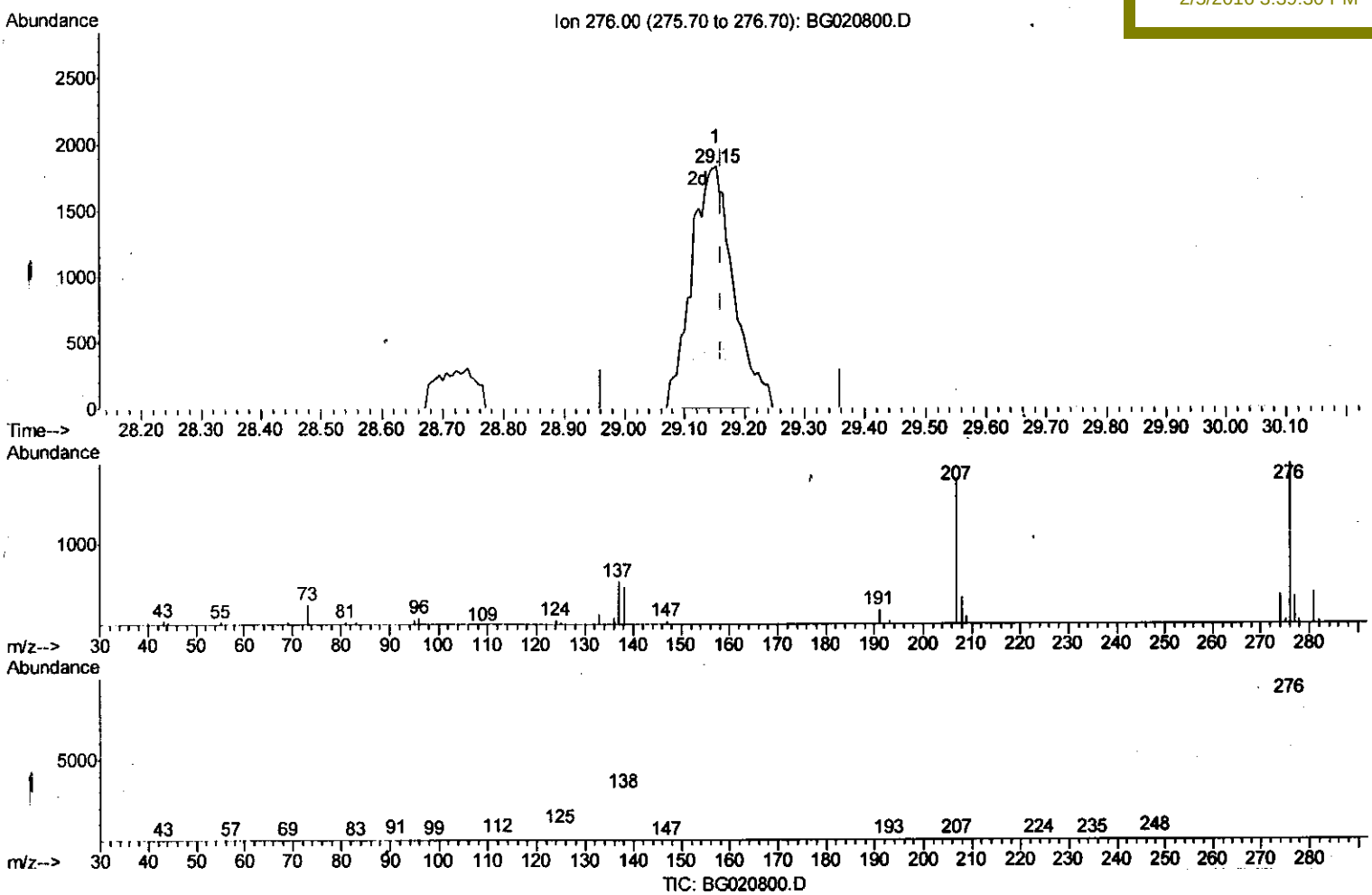
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020800.D
Acq On : 5 Feb 2016 00:22
Operator : SJ/IZ
Sample : H1334-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 05 07:39:23 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 :
BBG04

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:30 PM



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

29.152min (-0.009) 1.27ng/ul m S.J 2/9/16

response 8895

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	29.69#
277.00	23.60	24.29
0.00	0.00	0.00

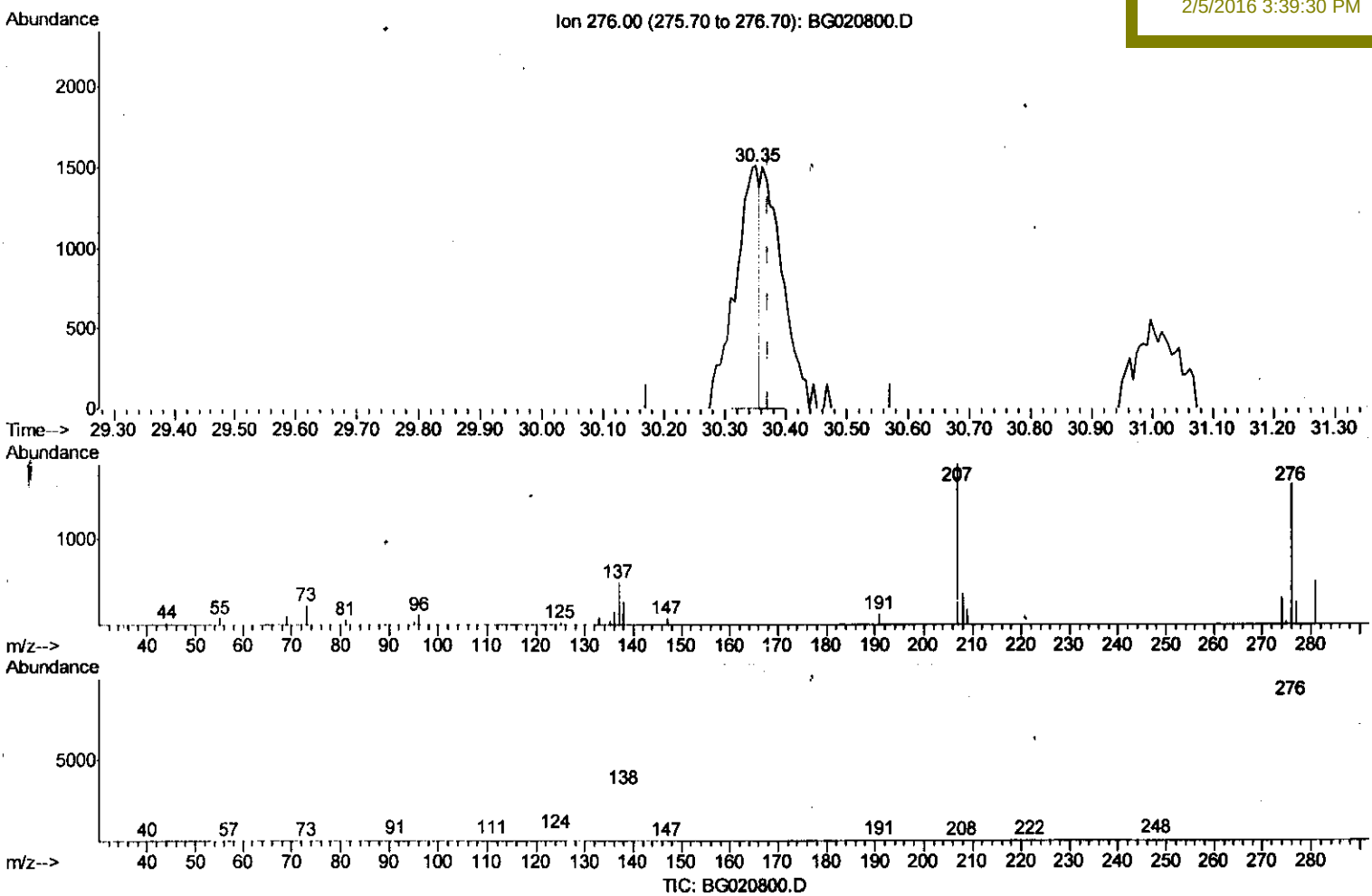
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020800.D
Acq On : 5 Feb 2016 00:22
Operator : SJ/IZ
Sample : H1334-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 05 07:39:23 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 :
BBG04

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:30 PM



TIC: BG020800.D

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

30.350min (-0.020) 0.73ng/ul

response 4180

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	25.50#
277.00	23.80	25.17
0.00	0.00	0.00

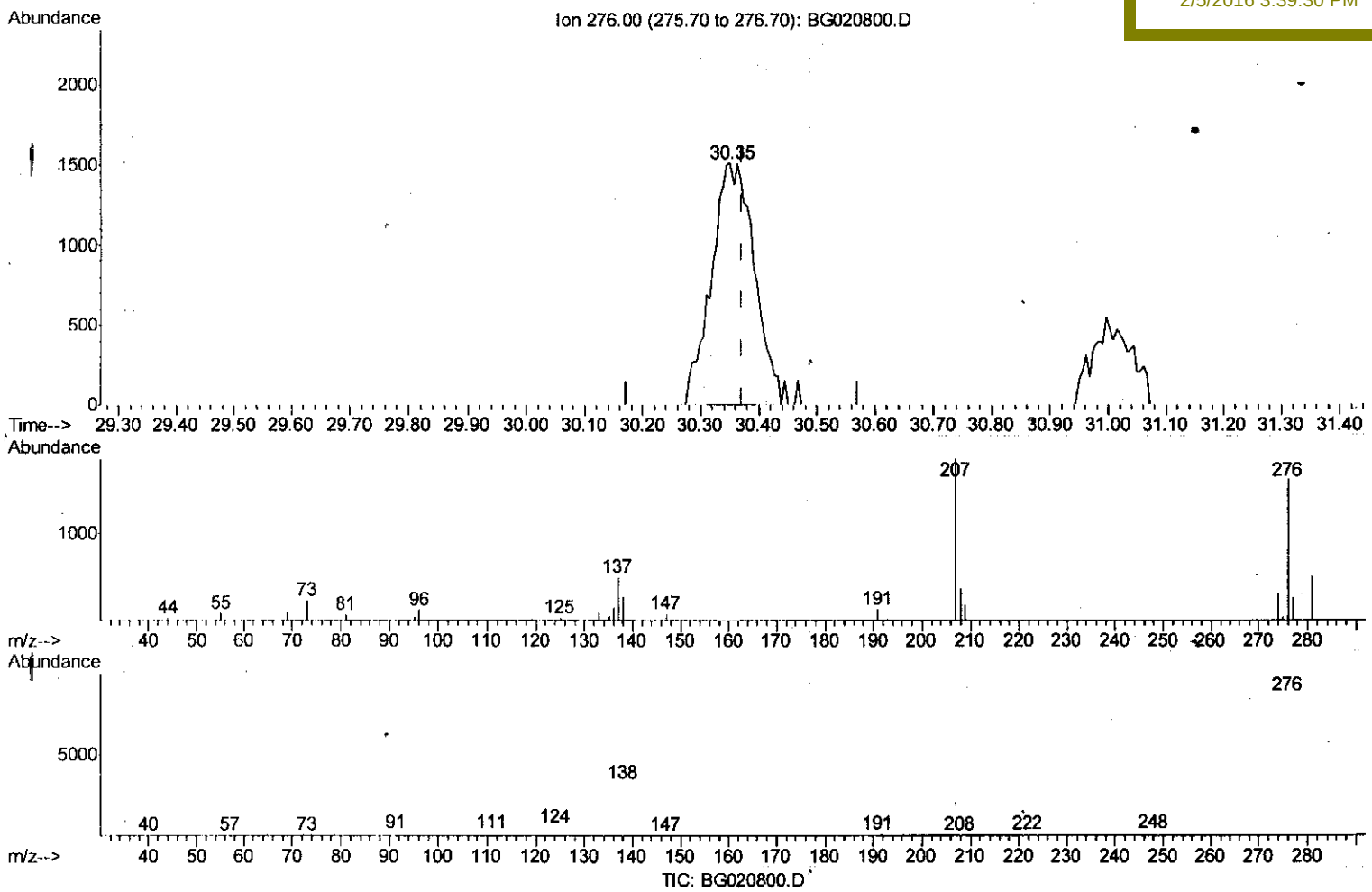
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020800.D
Acq On : 5 Feb 2016 00:22
Operator : SJ/IZ
Sample : H1334-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 05 07:39:23 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 :
BBG04

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:30 PM



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

30.350min (-0.020) 1.35ng/ul m S.J 2/9/16

response 7795

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	25.50#
277.00	23.80	25.17
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020800.D
Acq On : 5 Feb 2016 00:22
Operator : SJ/IZ
Sample : H1334-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 05 08:02:04 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 : BBG04

Manual Integrations APPROVED
mohammad
2/5/2016 3:39:30 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	21225	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	105892	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	59571	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	117282	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	101780	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	95671	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1371	3.10	ng/uL	0.00
5) Phenol-d5	7.41	99	32354	14.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	18474	16.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	27034	16.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	28051	14.97	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	13330	20.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	12491	22.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	25303	16.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	39583	18.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	83931	16.49	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	111557	17.99	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	12232	13.59	ng/ul	0.00
58) Fluorene-d10	15.87	176	73363	16.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	5380	13.89	ng/ul	0.00
71) Anthracene-d10	17.72	188	104085	18.05	ng/ul	0.00
79) Pyrene-d10	19.98	212	103049	18.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	97558	19.03	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	27431	5.16	ng/ul	99
70) Phenanthrene	17.66	178	28686	3.90	ng/ul	99
77) Fluoranthene	19.65	202	44349	5.86	ng/ul#	80
80) Pyrene	20.01	202	37420	4.86	ng/ul#	76
83) Benzo(a)anthracene	21.88	228	18068	2.76	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.77	149	9816	2.10	ng/ul#	95
85) Chrysene	21.95	228	14359	2.36	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	19736	3.15	ng/ul#	89
89) Benzo(k)fluoranthene	24.27	252	6425	1.05	ng/ul#	92
91) Benzo(a)pyrene	25.12	252	14437	2.41	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	29.15	276	8895m	1.27	ng/ul	
94) Benzo(g,h,i)perylene	30.35	276	7795m	1.35	ng/ul	

S.J 2/9/16

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