

Quantitation Report (QT Reviewed)

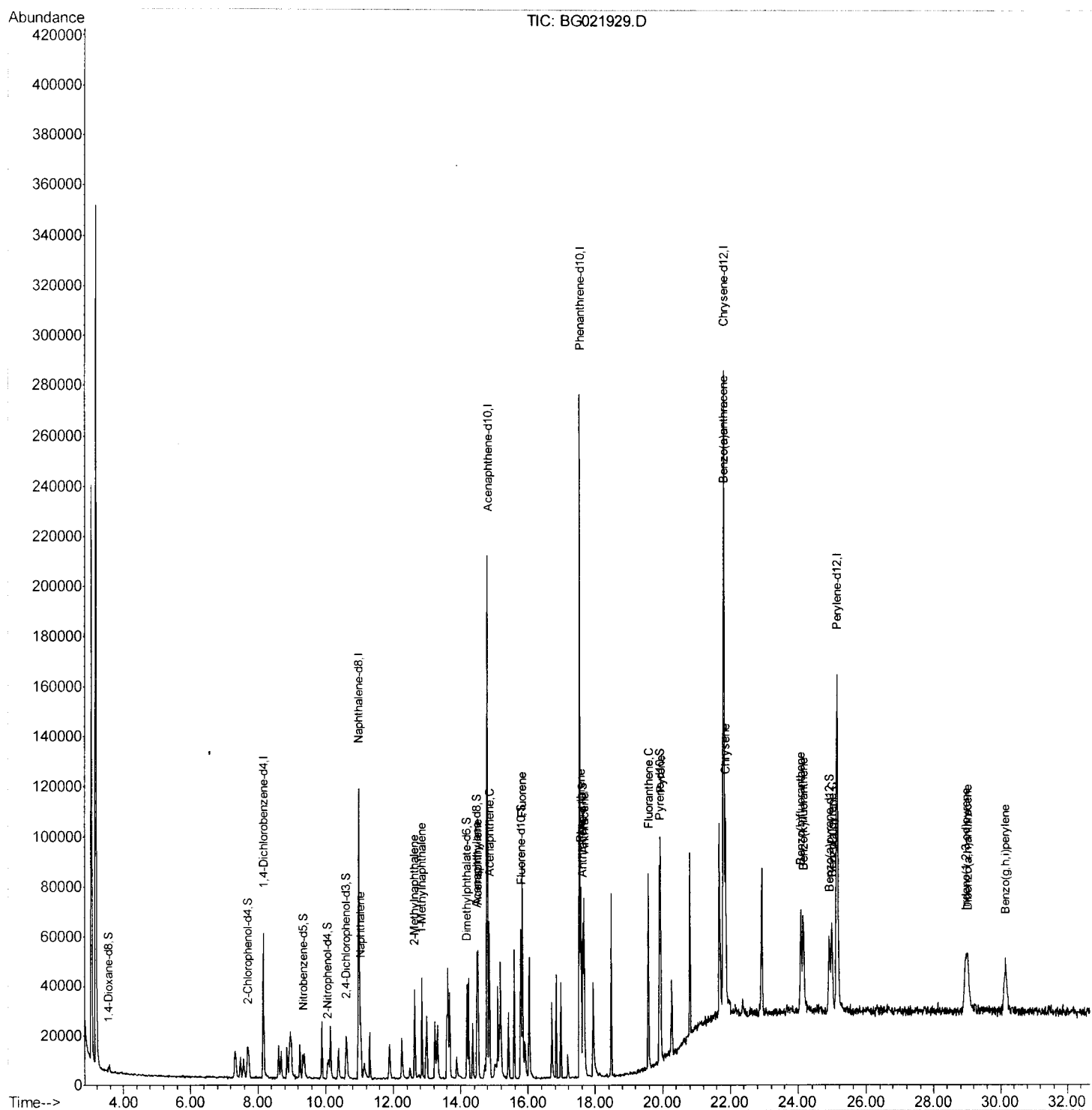
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021929.D
 Acq On : 18 May 2016 10:33
 Operator : UM/SJ
 Sample : SSTD00527
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00527

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:12:06 PM

Quant Time: May 18 16:45:10 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 15:34:35 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

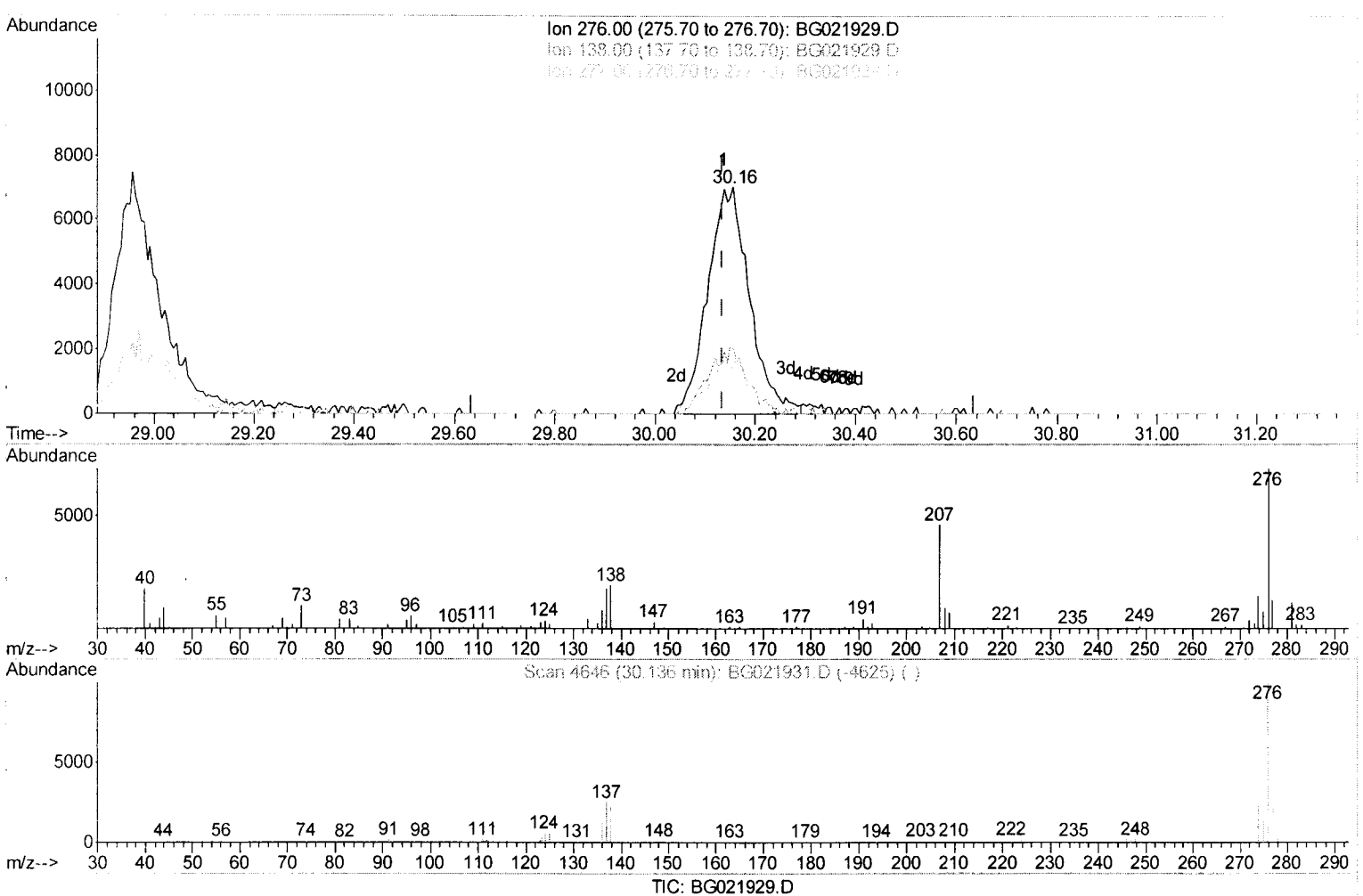
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
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Quant Time: May 18 16:41:18 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 15:34:35 2016
 Response via : Initial Calibration



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

30.156min (+0.020) 5.03ng/ul m

response 40621

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	28.81#
277.00	24.70	19.77
0.00	0.00	0.00

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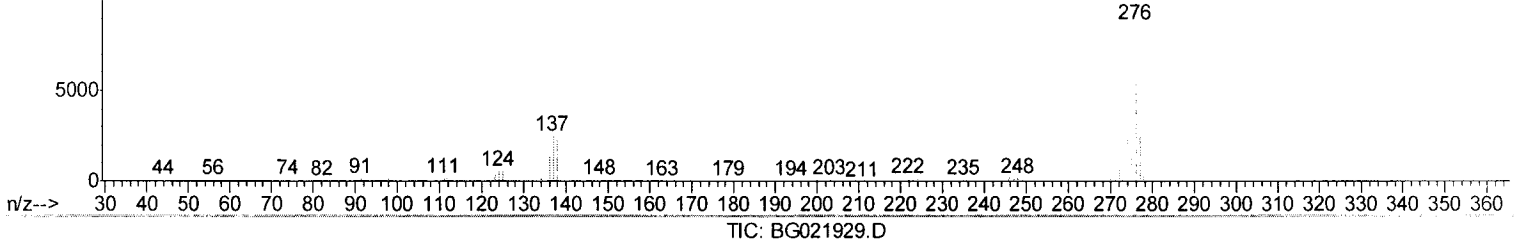
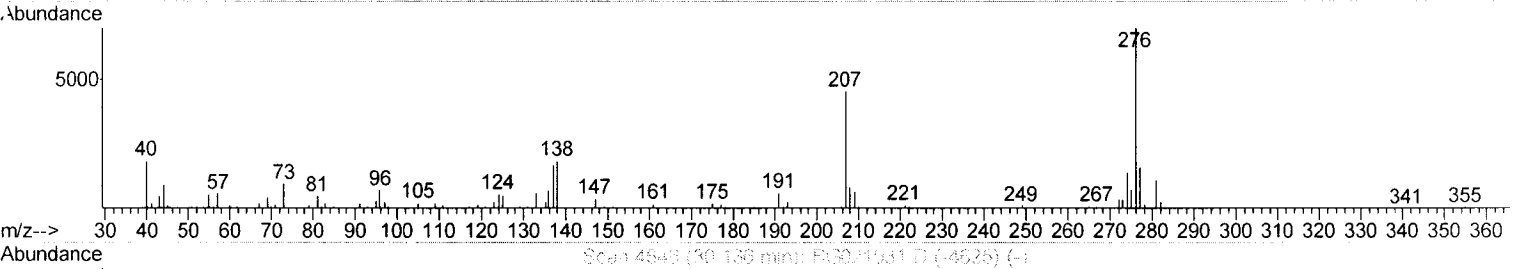
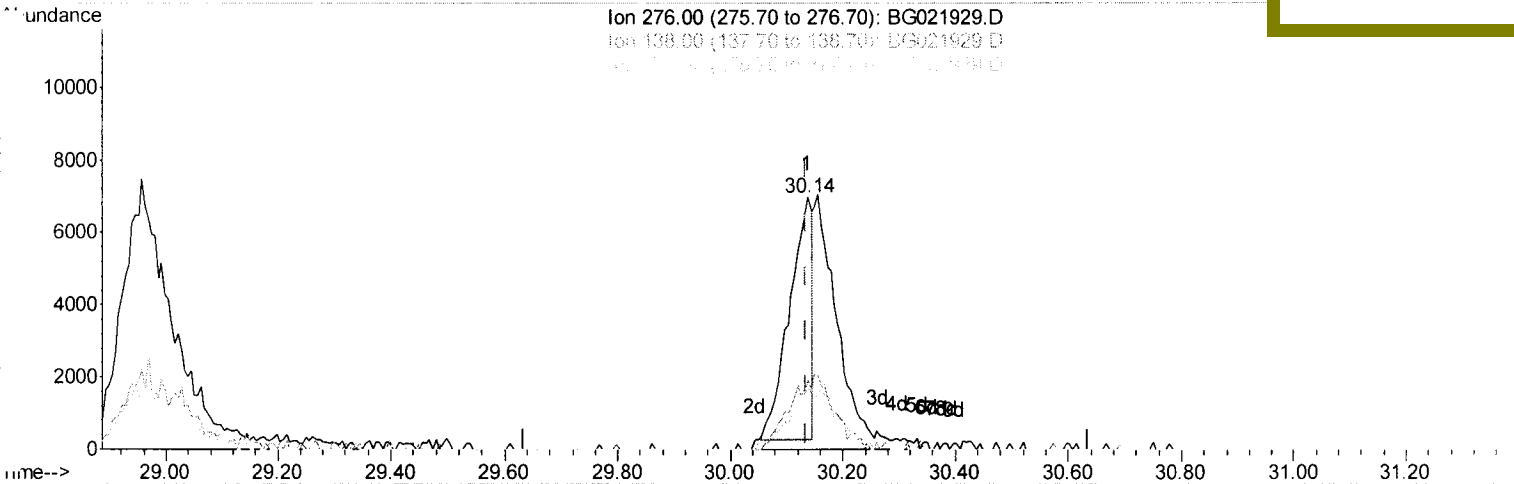
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Quant Time: Mav 18 16:41:18 2016
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(41) Benzo(g,h,i)perylene

30.138min (+0.002) 2.24ng/ul

response 18058

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	27.91#
277.00	24.70	24.03
0.00	0.00	0.00

Quantitation Report (Qedit)

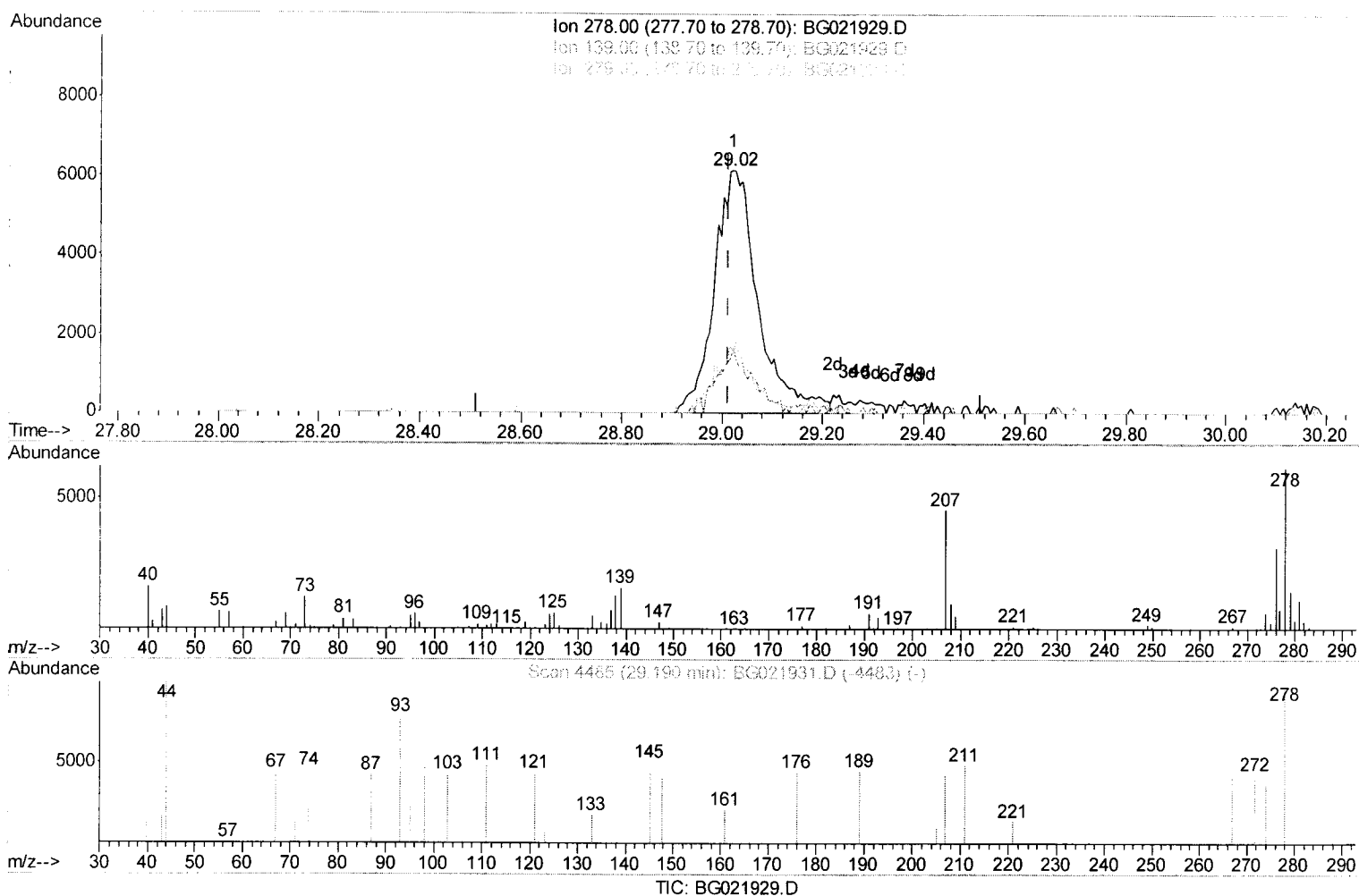
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
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 Operator : UM/SJ
 Sample : SSTD00527
 Misc :
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Instrument :
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 ClientSampleId :
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 Response via : Initial Calibration



(40) Dibenzo(a,h)anthracene

29.022min (+0.008) 4.62ng/ul m

response 37574

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	27.26#
279.00	24.80	25.16
0.00	0.00	0.00

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Quantitation Report (Qedit)

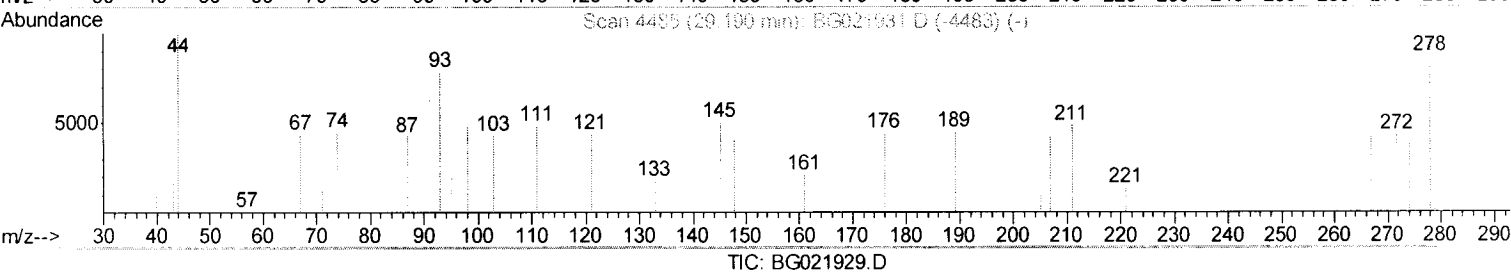
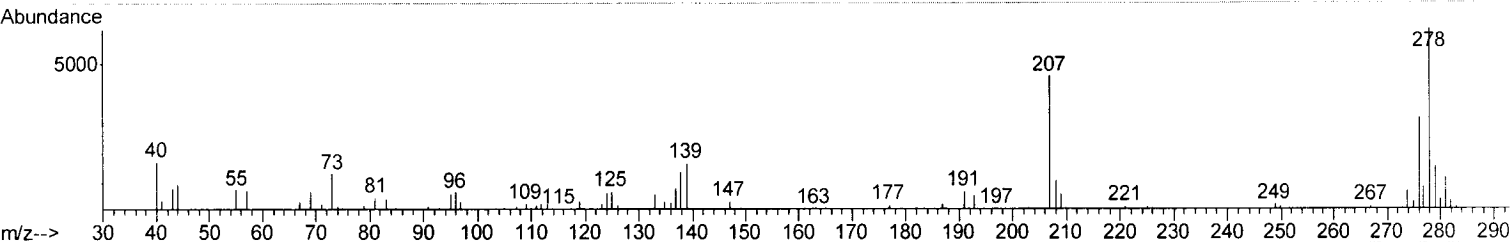
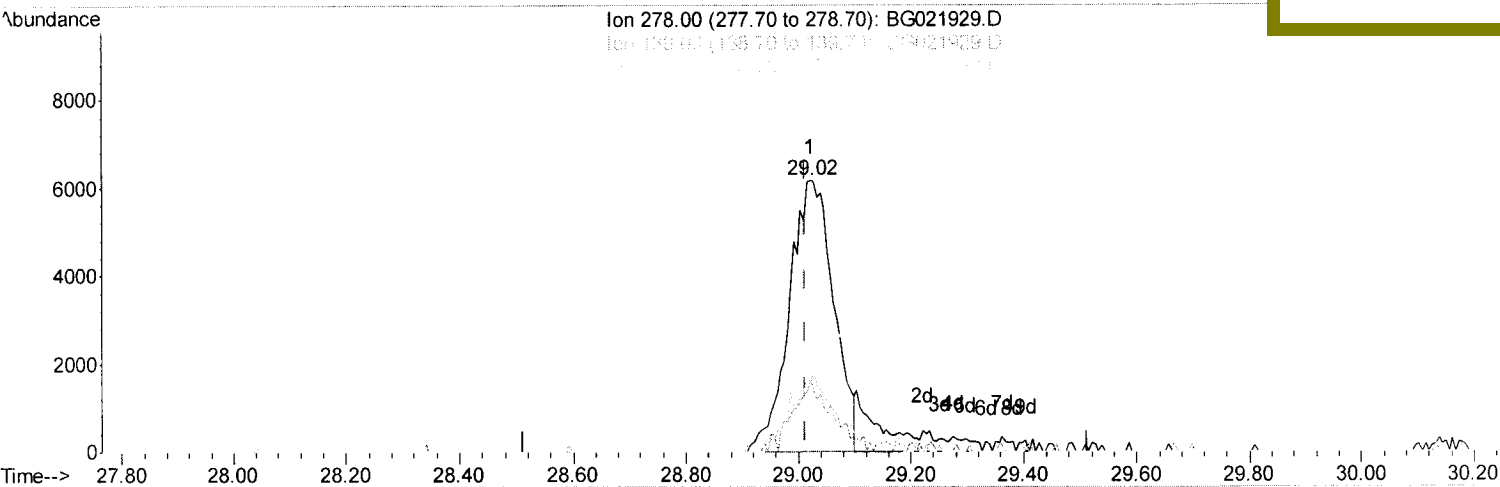
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
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 Operator : UM/SJ
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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG021929.D

(40) Dibenzo(a,h)anthracene

29.022min (+0.008) 4.13ng/ul

response 33605

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	27.26#
279.00	24.80	25.16
0.00	0.00	0.00

Quantitation Report (Qedit)

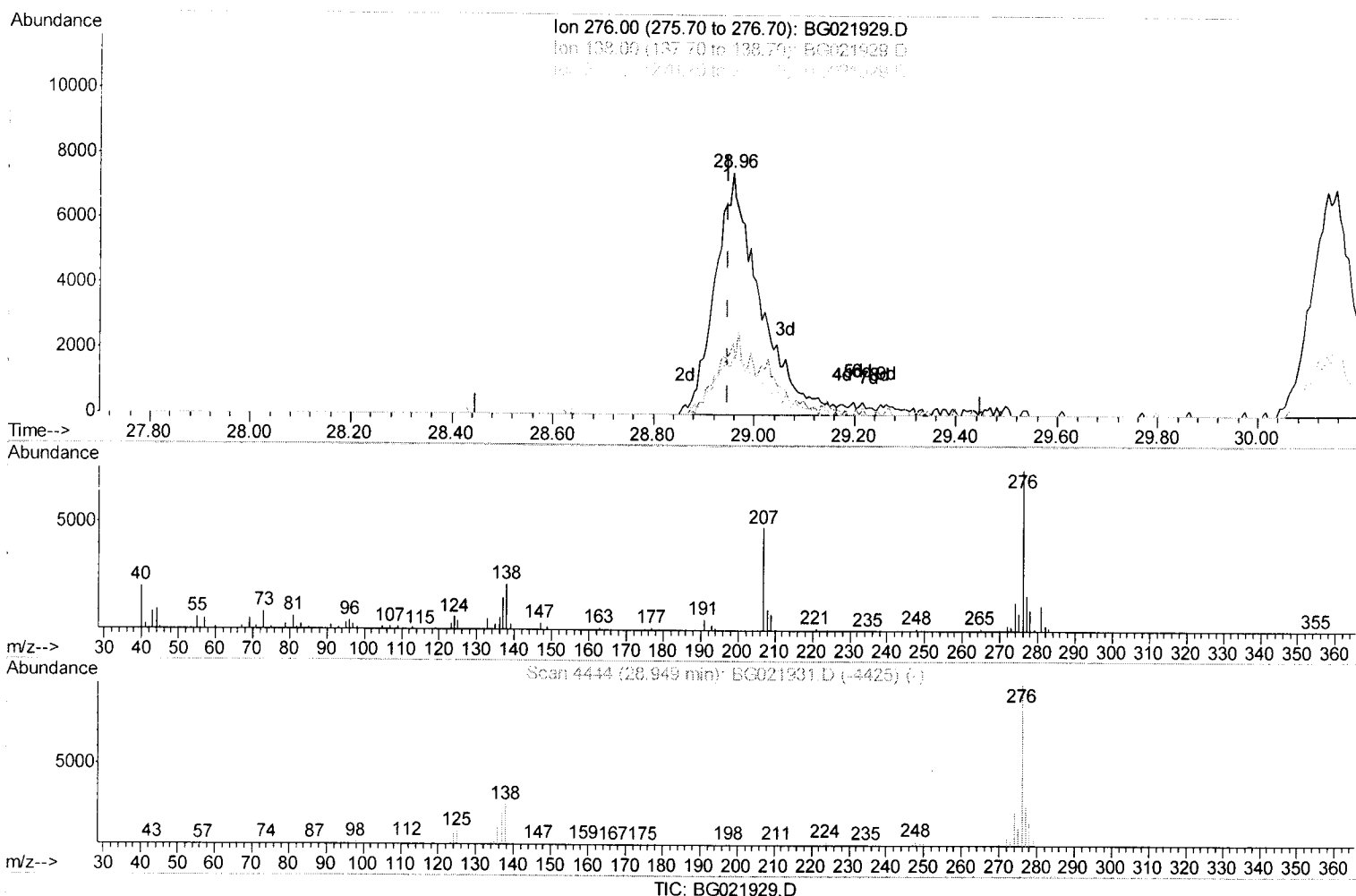
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021929.D
 Acq On : 18 May 2016 10:33
 Operator : UM/SJ
 Sample : SSTD00527
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00527

Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
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(39) Indeno(1,2,3-cd)pyrene

28.957min (+0.008) 4.75ng/ul m

response 46464

Ion Exp% Act%

276.00 100 100

138.00 19.70 29.59#

277.00 23.80 23.48

0.00 0.00 0.00

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Quantitation Report (Qedit)

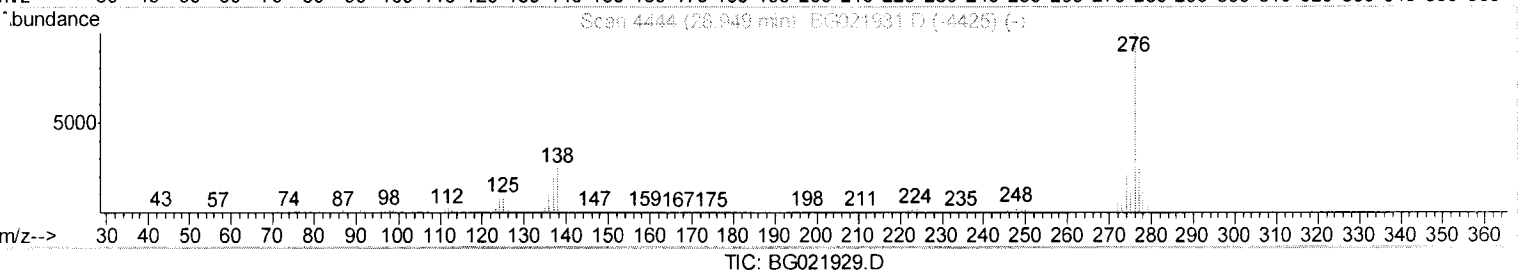
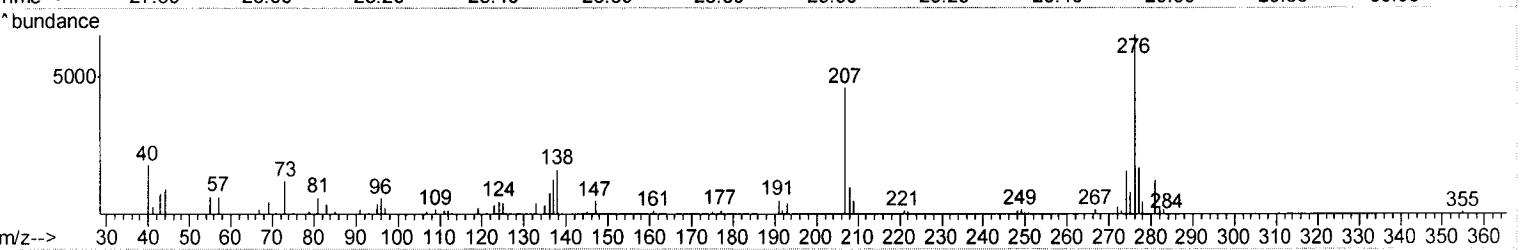
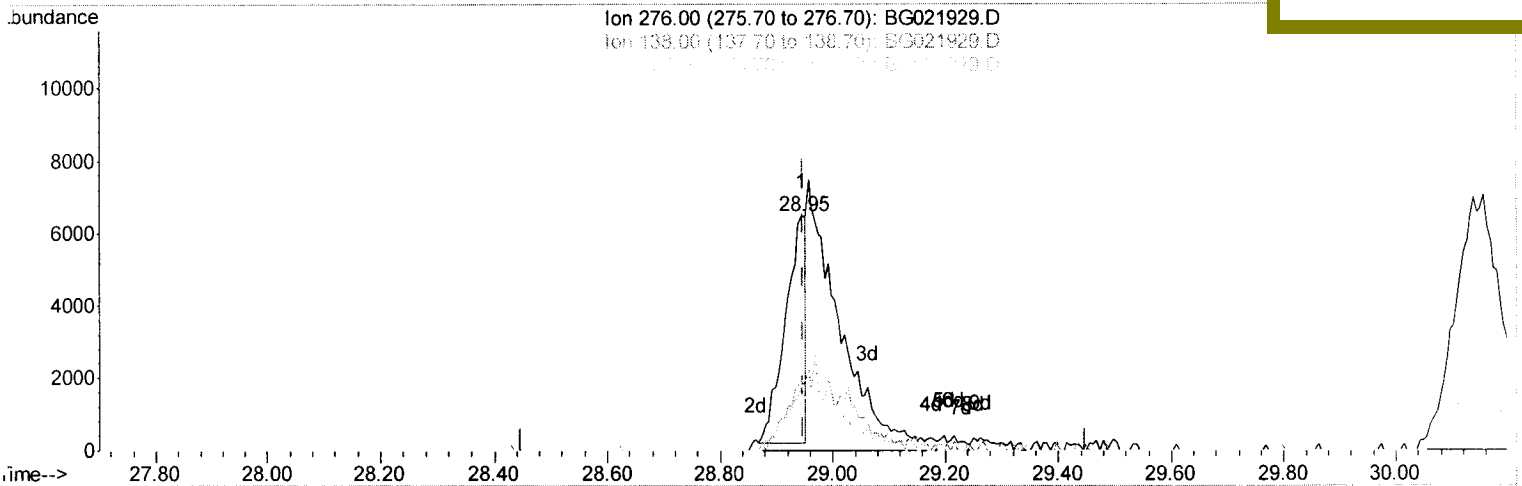
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021929.D
Acq On : 18 May 2016 10:33
Operator : UM/SJ
Sample : SSTD00527
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG021929.D

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

28.945min (-0.004) 1.59ng/ul

response 15570

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	26.67#
277.00	23.80	27.82
0.00	0.00	0.00

Quantitation Report (Qedit)

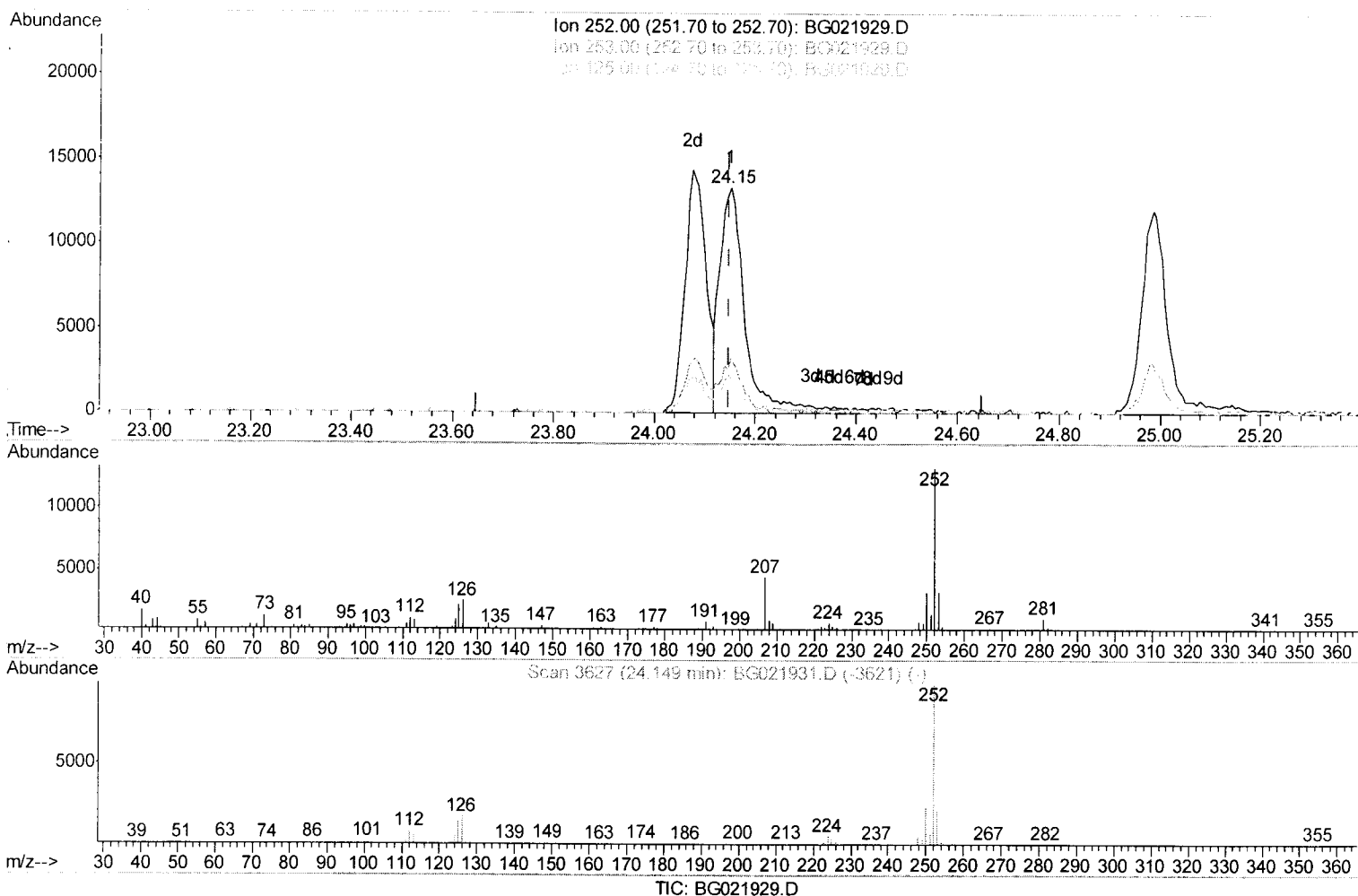
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021929.D
 Acq On : 18 May 2016 10:33
 Operator : UM/SJ
 Sample : SSTD00527
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(36) Benzo(k)fluoranthene

24.151min (+0.002) 5.18ng/ul m

response 45929

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.41
125.00	9.60	15.74#
0.00	0.00	0.00

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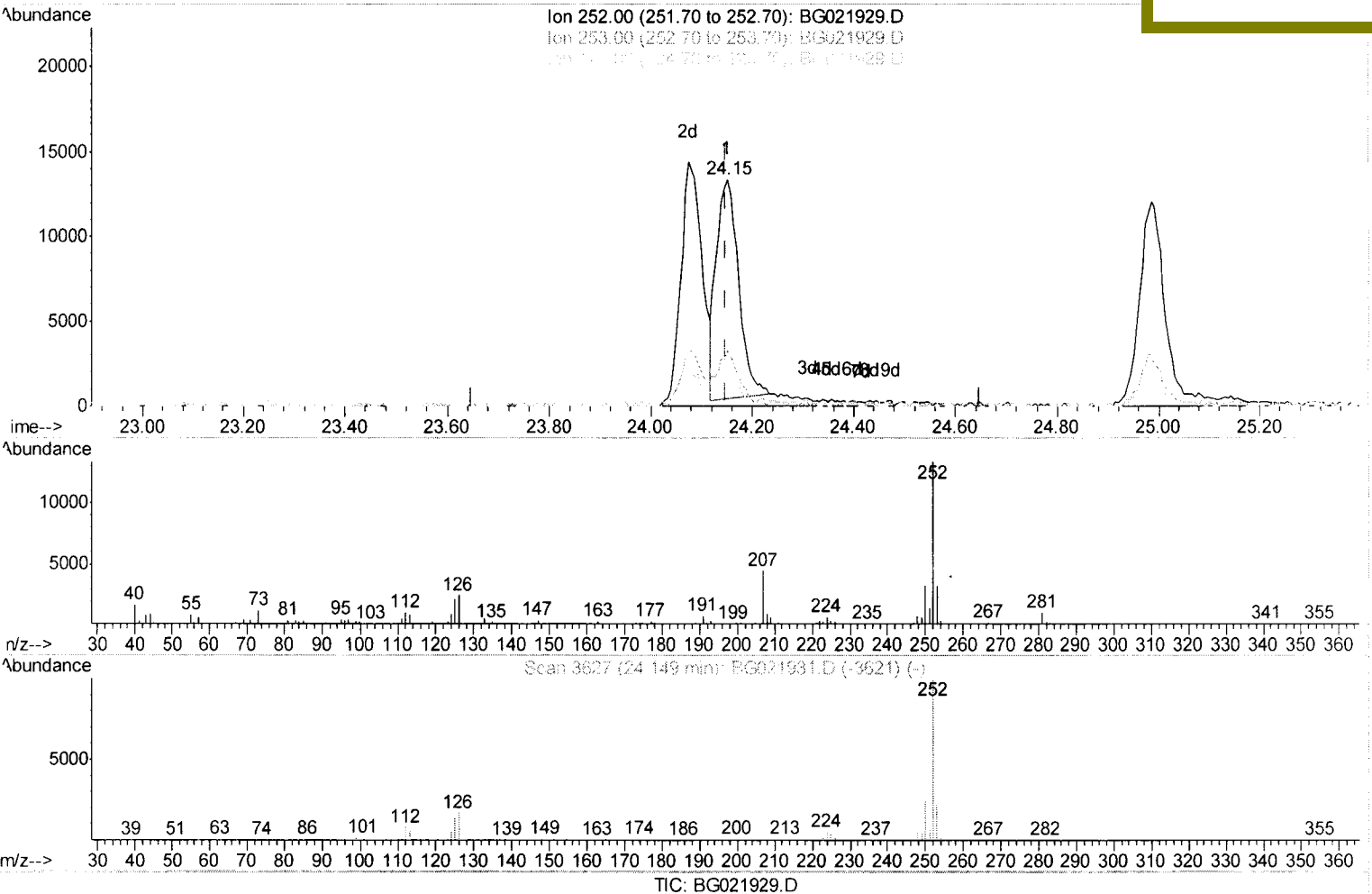
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Data File : BG021929.D
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Operator : UM/SJ
Sample : SSTD00527
Misc :
ALS Vial : 3 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
SSTD00527

Manual Integrations
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(36) Benzo(k)fluoranthene

24.151min (+0.002) 4.43ng/ul

response 39321

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.41
125.00	9.60	15.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

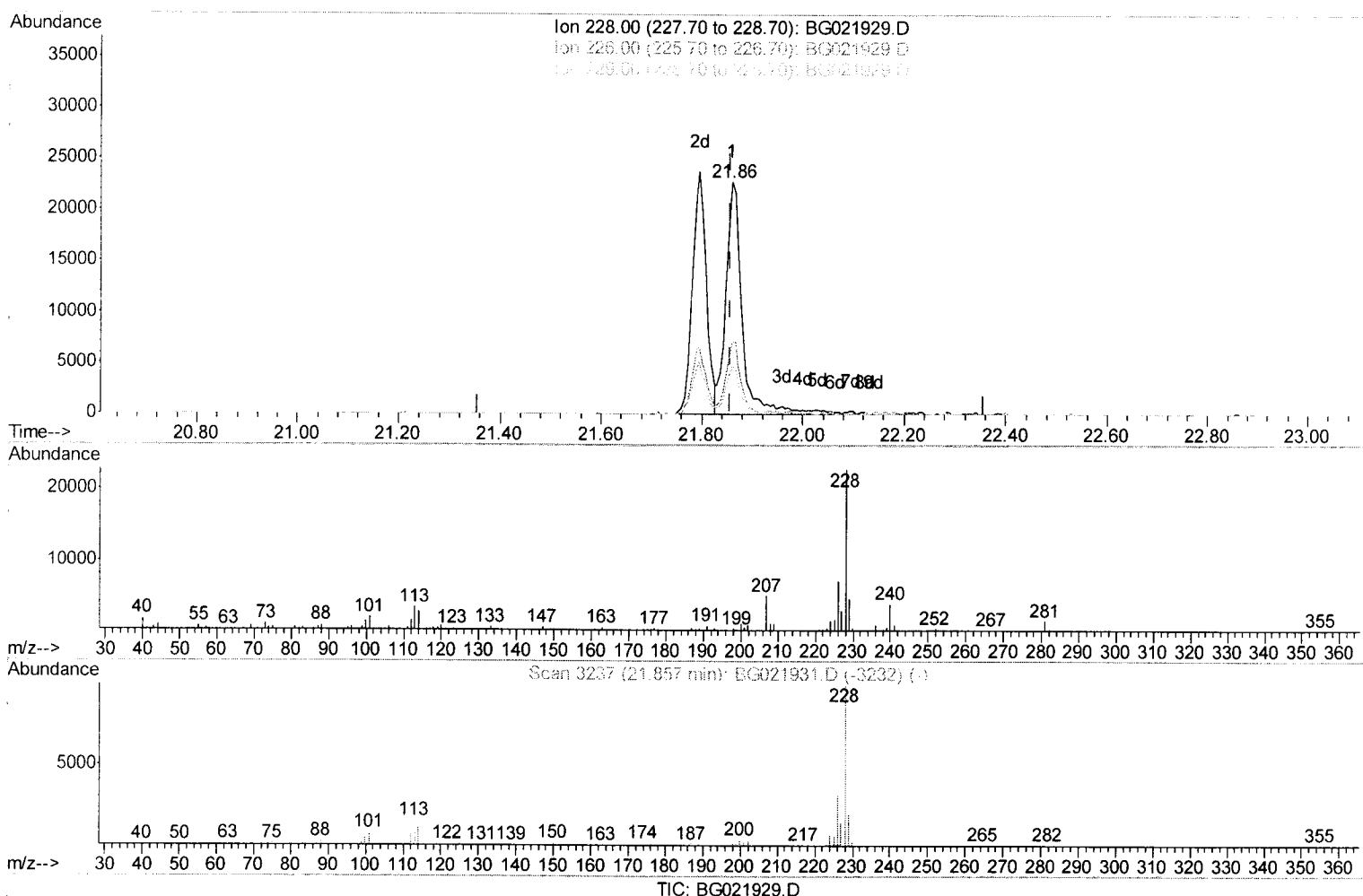
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021929.D
 Acq On : 18 May 2016 10:33
 Operator : UM/SJ
 Sample : SSTD00527
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSTD00527

Manual Integrations
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(33) Chrysene

21.859min (+0.002) 5.74ng/ul m

response 49602

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.12
229.00	20.20	20.30
0.00	0.00	0.00

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Quantitation Report (Qedit)

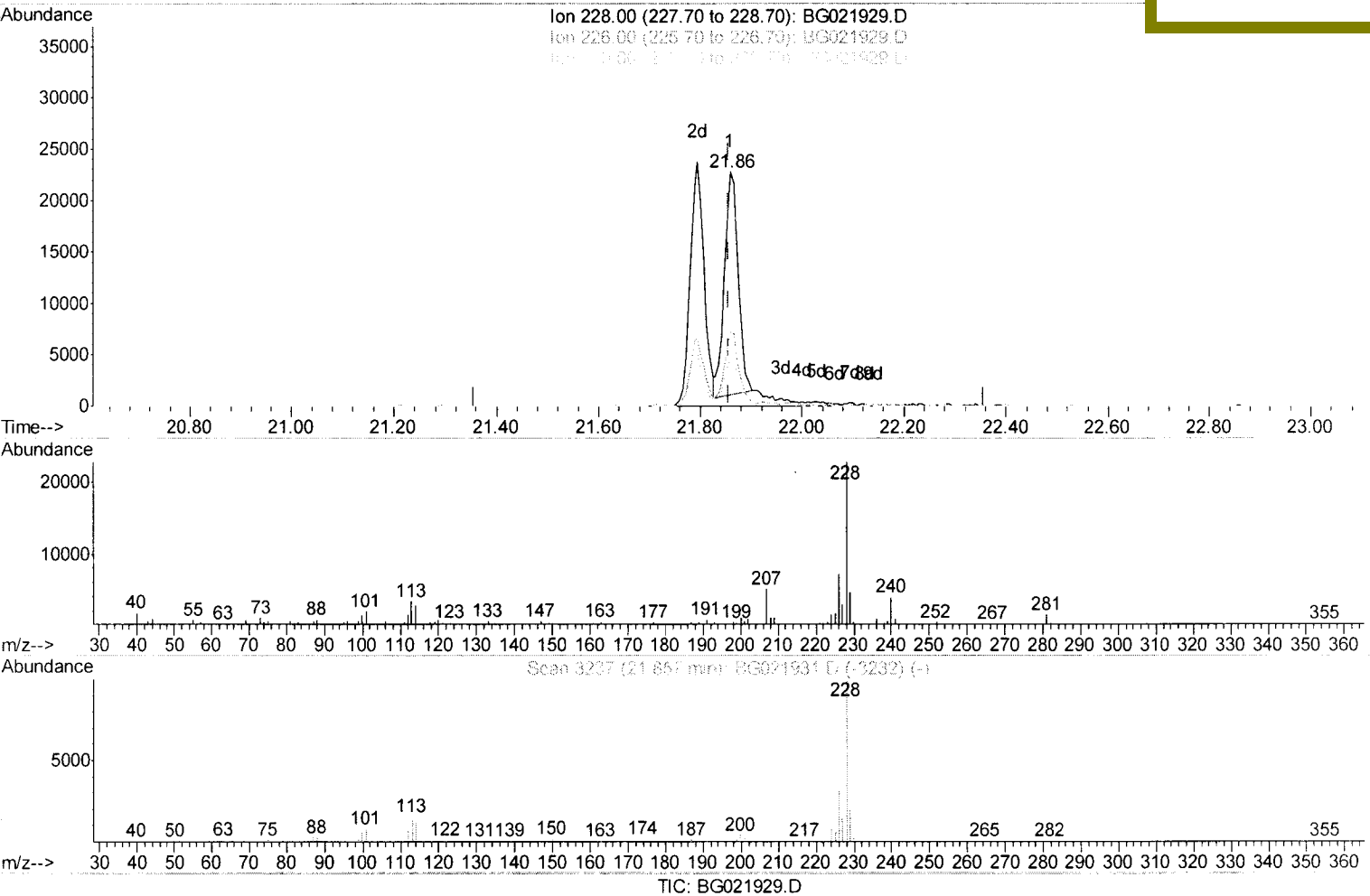
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021929.D
Acq On : 18 May 2016 10:33
Operator : UM/SJ
Sample : SST00527
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 16:41:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 15:34:35 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00527

Manual Integrations
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5/19/2016 7:12:06 PM



(33) Chrysene

21.859min (+0.002) 4.70ng/ul

response 40566

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.12
229.00	20.20	20.30
0.00	0.00	0.00

Quantitation Report (Qedit)

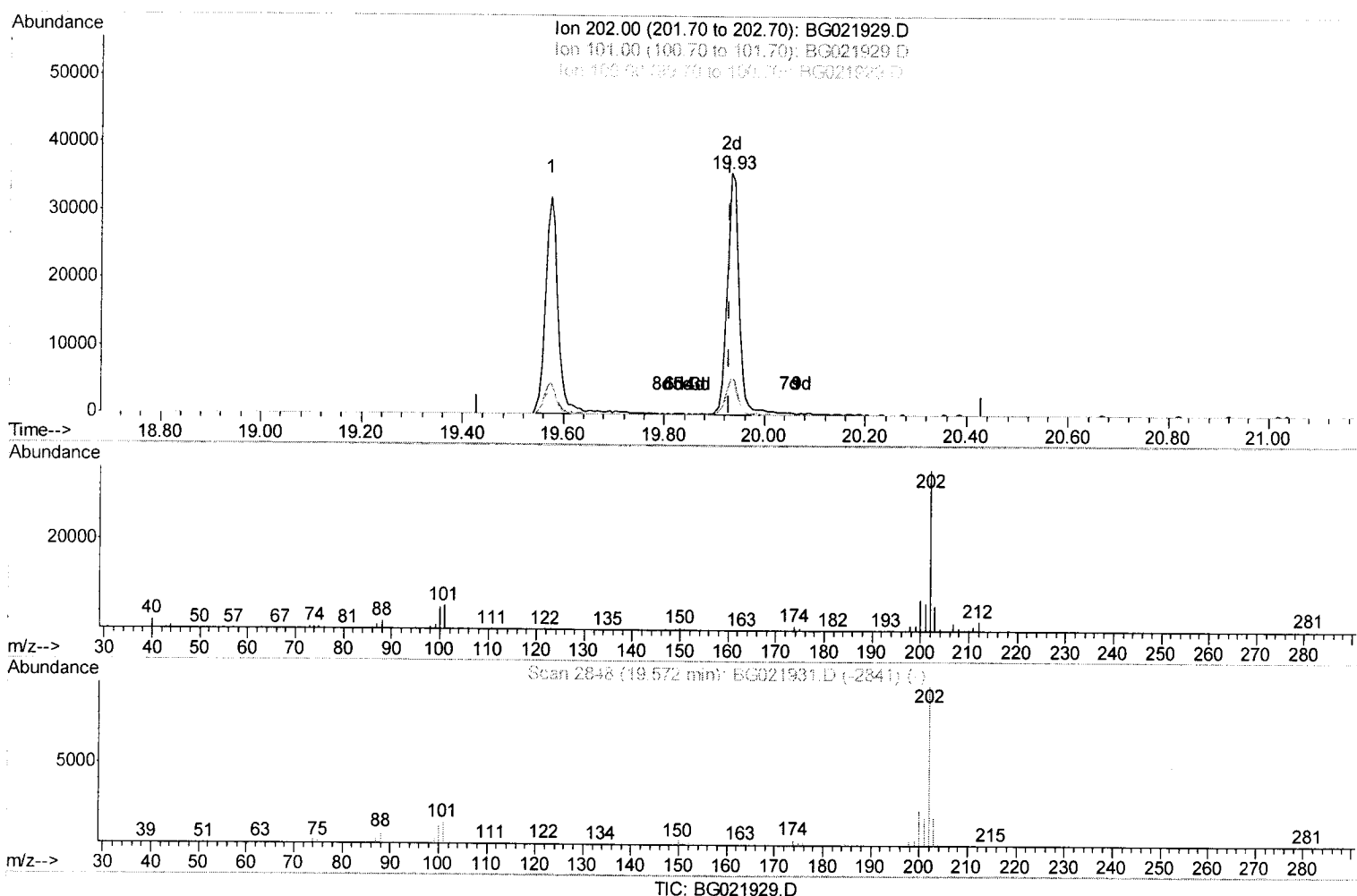
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021929.D
 Acq On : 18 May 2016 10:33
 Operator : UM/SJ
 Sample : SST00527
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST00527

Manual Integrations
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(31) Pyrene

19.932min (+0.002) 6.51ng/ul m

response 59148

Ion Exp% Act%

202.00 100 100

101.00 12.30 15.14#

100.00 11.60 13.79

0.00 0.00 0.00

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Quantitation Report (Qedit)

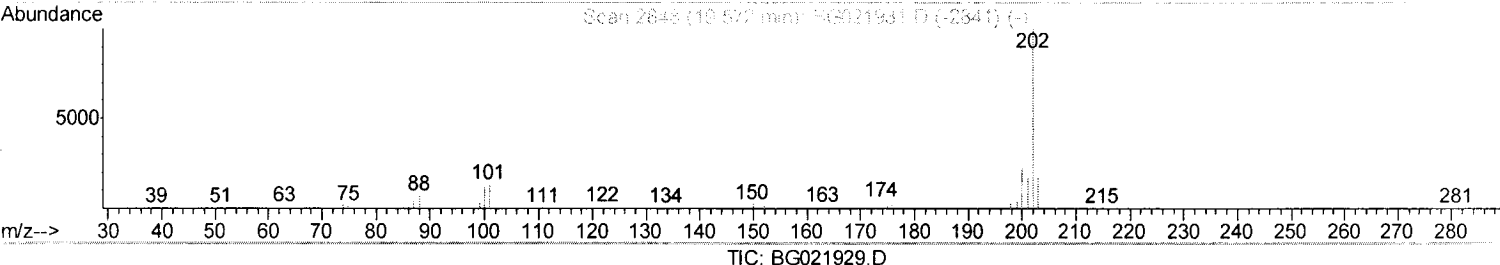
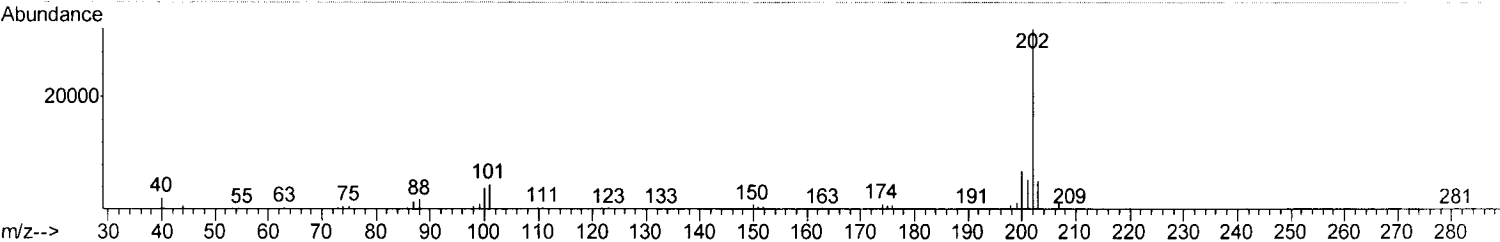
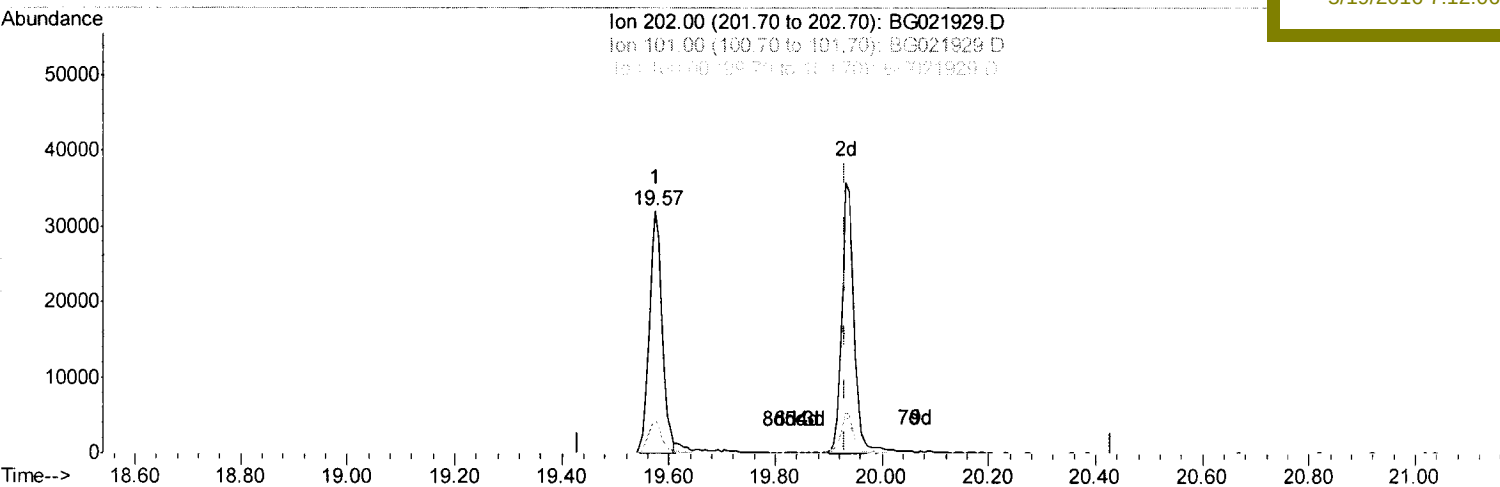
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Manual Integrations
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(31) Pyrene

19.574min (-0.356) 5.83ng/ul

response 52968

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.36
100.00	11.60	12.09
0.00	0.00	0.00

Quantitation Report (Qedit)

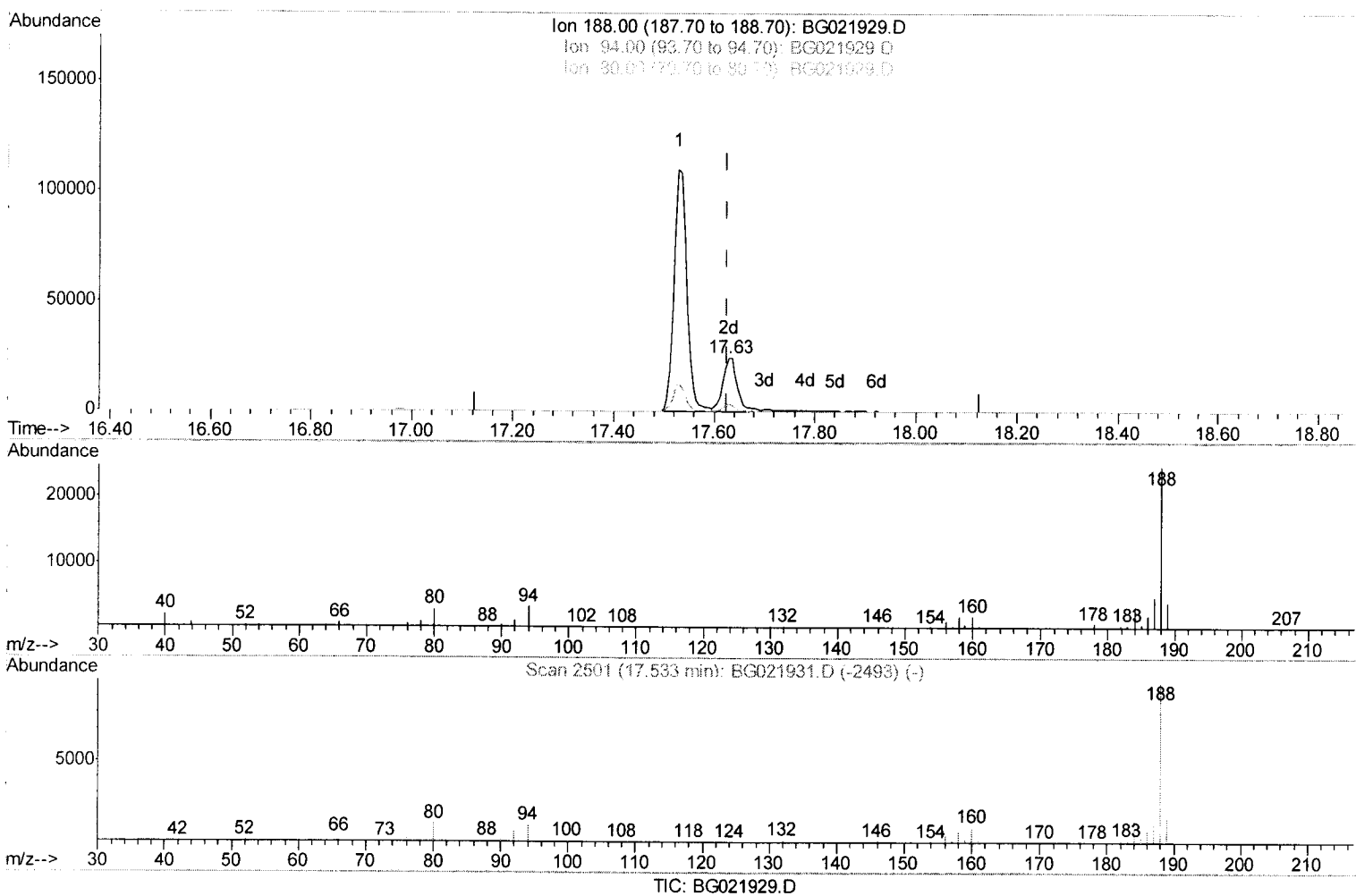
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(26) Anthracene-d10 (S)

17.629min (+0.002) 5.22ng/ul m

response 48949

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	13.28#
80.00	10.80	11.69
0.00	0.00	0.00

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Quantitation Report (Qedit)

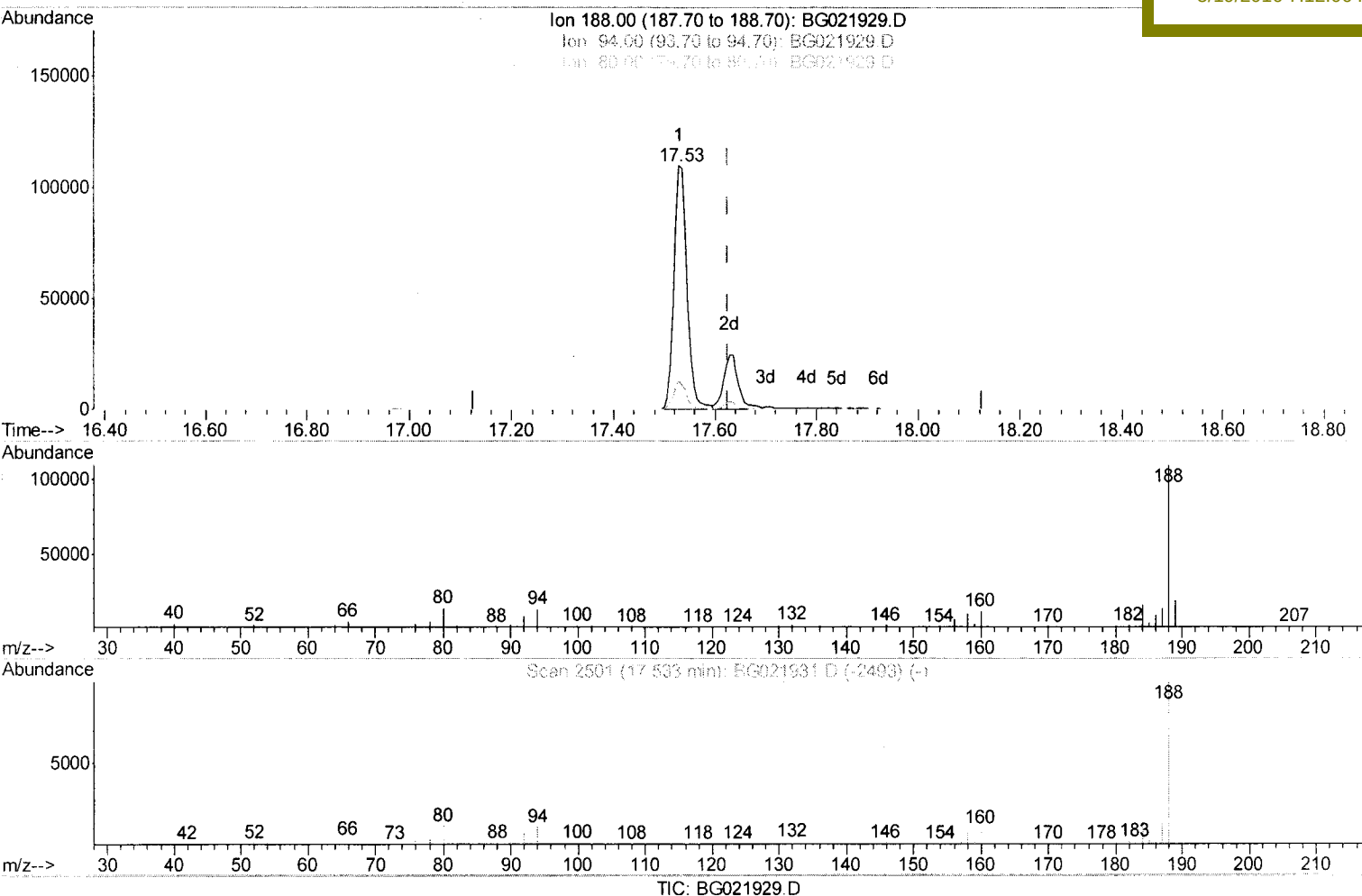
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 Data File : BG021929.D
 Acq On : 18 May 2016 10:33
 Operator : UM/SJ
 Sample : SSTD00527
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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(26) Anthracene-d10 (S)

17.529min (-0.098) 20.54ng/ul

response 192489

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	11.26
80.00	10.80	11.80
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021929.D
 Acq On : 18 May 2016 10:33
 Operator : UM/SJ
 Sample : SST00527
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST00527

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	24473	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	128477	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	82225	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	192489	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	156957	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	144827	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1206	2.38	ng/uL	0.00
3) Phenol-d5	0.00	99	0d	0.00	ng/ul	
4) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
5) 2-Chlorophenol-d4	7.69	132	8163	5.79	ng/ul	0.00
6) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
8) Nitrobenzene-d5	9.34	128	4144	4.91	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	4442	8.33	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	7741	5.13	ng/ul	0.00
12) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
16) Dimethylphthalate-d6	14.19	166	33077	5.73	ng/ul	0.00
17) Acenaphthylene-d8	14.49	160	42369	5.17	ng/ul	0.00
20) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
21) Fluorene-d10	15.78	176	29063	4.78	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
26) Anthracene-d10	17.63	188	48949m	5.22	ng/ul	0.00
30) Pyrene-d10	19.91	212	44102	6.00	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	32530	4.73	ng/ul	0.00

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Target Compounds

					Ovalue	
11) Naphthalene	11.03	128	32168	4.99	ng/ul	99
13) 2-Methylnaphthalene	12.63	142	22455	4.73	ng/ul	93
14) 1-Methylnaphthalene	12.85	142	24161	5.14	ng/ul#	98
18) Acenaphthylene	14.52	152	44736	5.32	ng/ul	98
19) Acenaphthene	14.85	153	30456	5.22	ng/ul	98
22) Fluorene	15.83	166	33751	4.99	ng/ul	100
25) Phenanthrene	17.58	178	53738	5.11	ng/ul	98
27) Anthracene	17.66	178	52819	4.94	ng/ul	99
28) Fluoranthene	19.57	202	52968	4.43	ng/ul#	91
31) Pyrene	19.93	202	59148m	6.51	ng/ul	
32) Benzo(a)anthracene	21.79	228	45139	5.17	ng/ul	99
33) Chrysene	21.86	228	49602m	5.74	ng/ul	
35) Benzo(b)fluoranthene	24.07	252	41618	5.02	ng/ul#	95
36) Benzo(k)fluoranthene	24.15	252	45929m	5.18	ng/ul	
38) Benzo(a)pyrene	24.99	252	40479	4.91	ng/ul#	91
39) Indeno(1,2,3-cd)pyrene	28.96	276	46464m	4.75	ng/ul	
40) Dibenzo(a,h)anthracene	29.02	278	37574m	4.62	ng/ul	
41) Benzo(a,h,i)perylene	30.16	276	40621m	5.03	ng/ul	

U.M.
 05/20/16

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