Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
Data File : BG022076.D
Acq On : 26 May 2016 11:40
Operator : UM/SJ
Sample : H3124-20DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 27 04:32:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 04:32:27 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : JHGJ3DL

Manual Integrations APPROVED
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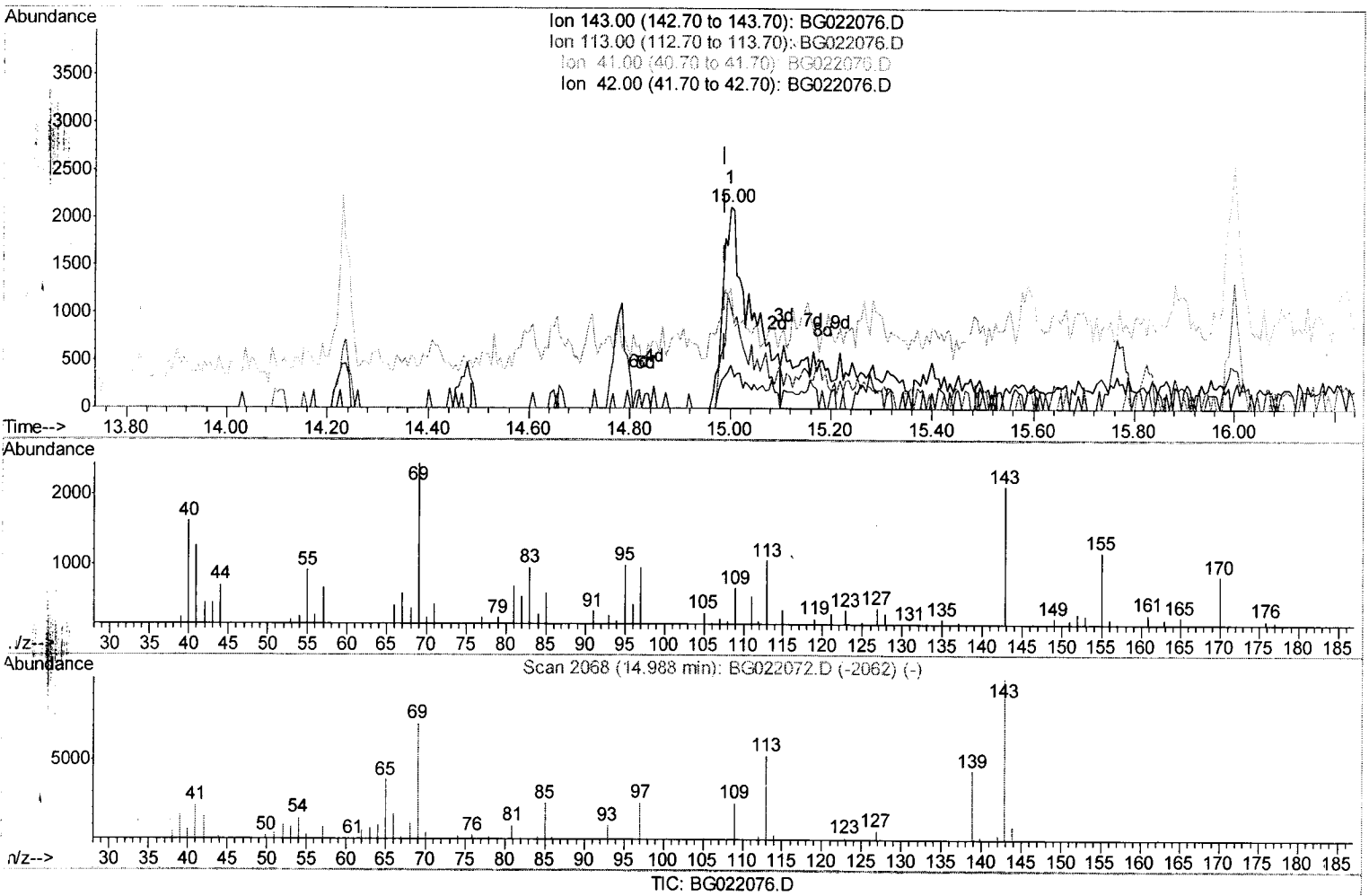

TIC: BG022076.D

(51) 4-Nitrophenol-d4 (S)

15.001min (+0.012) 6.37ng/ul m

response 8380

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	49.88
41.00	26.90	59.85#
42.00	16.10	21.59#

U.M. 05/31/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 04:32:27 2016
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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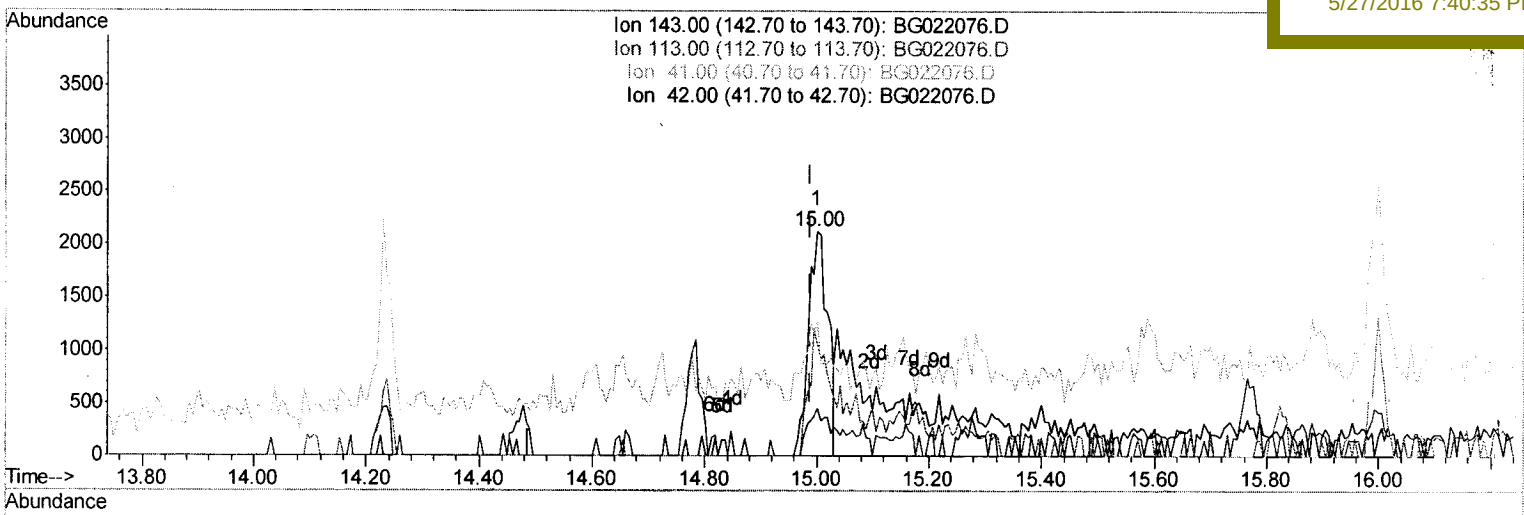

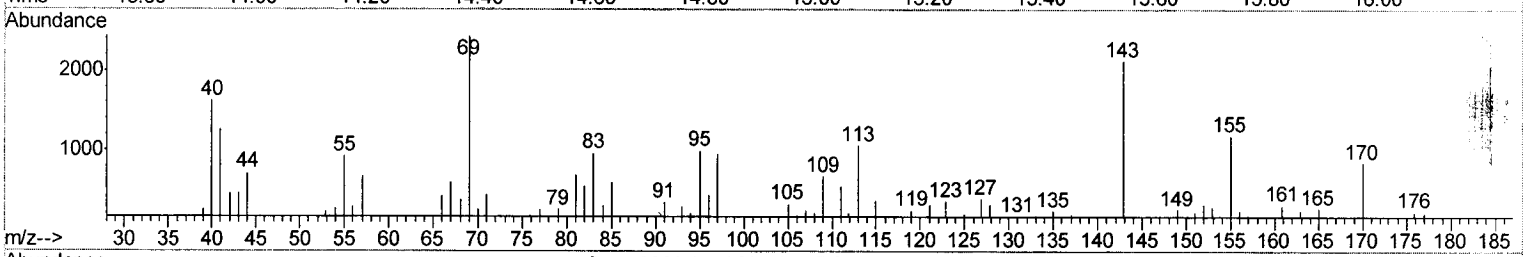

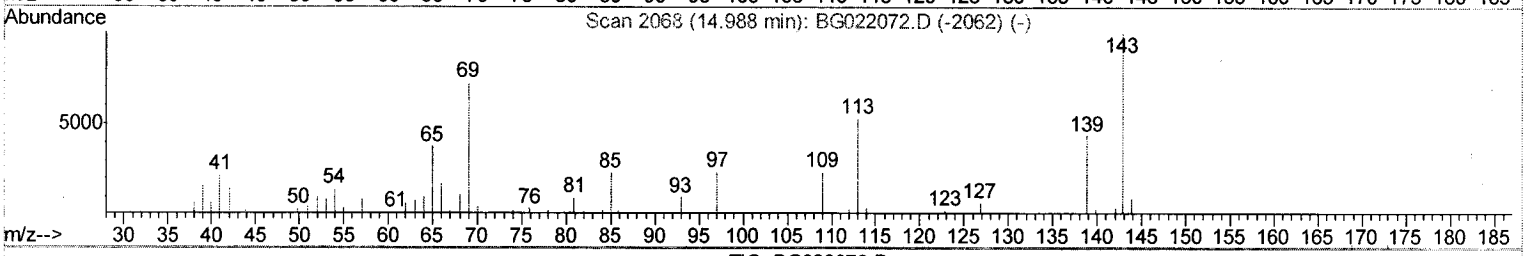

TIC: BG022076.D

(51) 4-Nitrophenol-d4 (S)

15.001min (+0.012) 3.90ng/ul

response 5125

Ion	Exp%	Act%
143.00	100	100
113.00	53.50	49.88
41.00	26.90	59.85#
42.00	16.10	21.59#

Quantitation Report (QT Reviewed)

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Data File : BG022076.D
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Operator : UM/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 04:32:27 2016
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ClientSampleId : JHGJ3DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	32126	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	176914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	101698	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	190258	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	163477	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	156113	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1195	1.94	ng/uL	0.00
5) Phenol-d5	7.32	99	26254	9.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	14194	9.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	25267	10.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	23927	9.72	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	13339	10.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	14020	9.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	24922	10.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	23186	8.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	87947	11.51	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	118716	11.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	8380m	6.37	ng/ul	0.01
57) Fluorene-d10	15.77	176	77254	10.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	8958	9.01	ng/ul	0.00
70) Anthracene-d10	17.62	188	104706	11.47	ng/ul	0.00
76) Pyrene-d10	19.90	212	108200	11.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	87832	12.13	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.02	128	9764	1.09	ng/ul	98
34) 2-Methylnaphthalene	12.62	142	7687	1.20	ng/ul	94
44) Dimethylphthalate	14.22	163	34204	4.46	ng/ul	100
47) Acenaphthylene	14.51	152	12351	1.14	ng/ul	98
49) Acenaphthene	14.84	153	9744	1.30	ng/ul	99
58) Fluorene	15.82	166	35153	4.49	ng/ul#	91
69) Phenanthrene	17.57	178	374466	35.38	ng/ul	99
71) Anthracene	17.66	178	72513	6.77	ng/ul	99
74) Fluoranthene	19.57	202	388202	35.89	ng/ul	100
77) Pyrene	19.93	202	459462	39.94	ng/ul	98
80) Benzo(a)anthracene	21.78	228	143857	15.00	ng/ul	97
82) Chrysene	21.85	228	138341m	15.04	ng/ul	
85) Benzo(b)fluoranthene	24.07	252	123847	13.56	ng/ul#	95
86) Benzo(k)fluoranthene	24.13	252	43894m	4.94	ng/ul	
88) Benzo(a)pyrene	24.98	252	123808	14.05	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.94	276	67289	6.66	ng/ul	95
90) Dibenzo(a,h)anthracene	28.98	278	18548m	2.19	ng/ul	
91) Benzo(g,h,i)perylene	30.13	276	67323m	8.32	ng/ul	

U.M. 05/31/16

U.M. 05/31/16

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

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Sample : H3124-20DL 2X
Misc :
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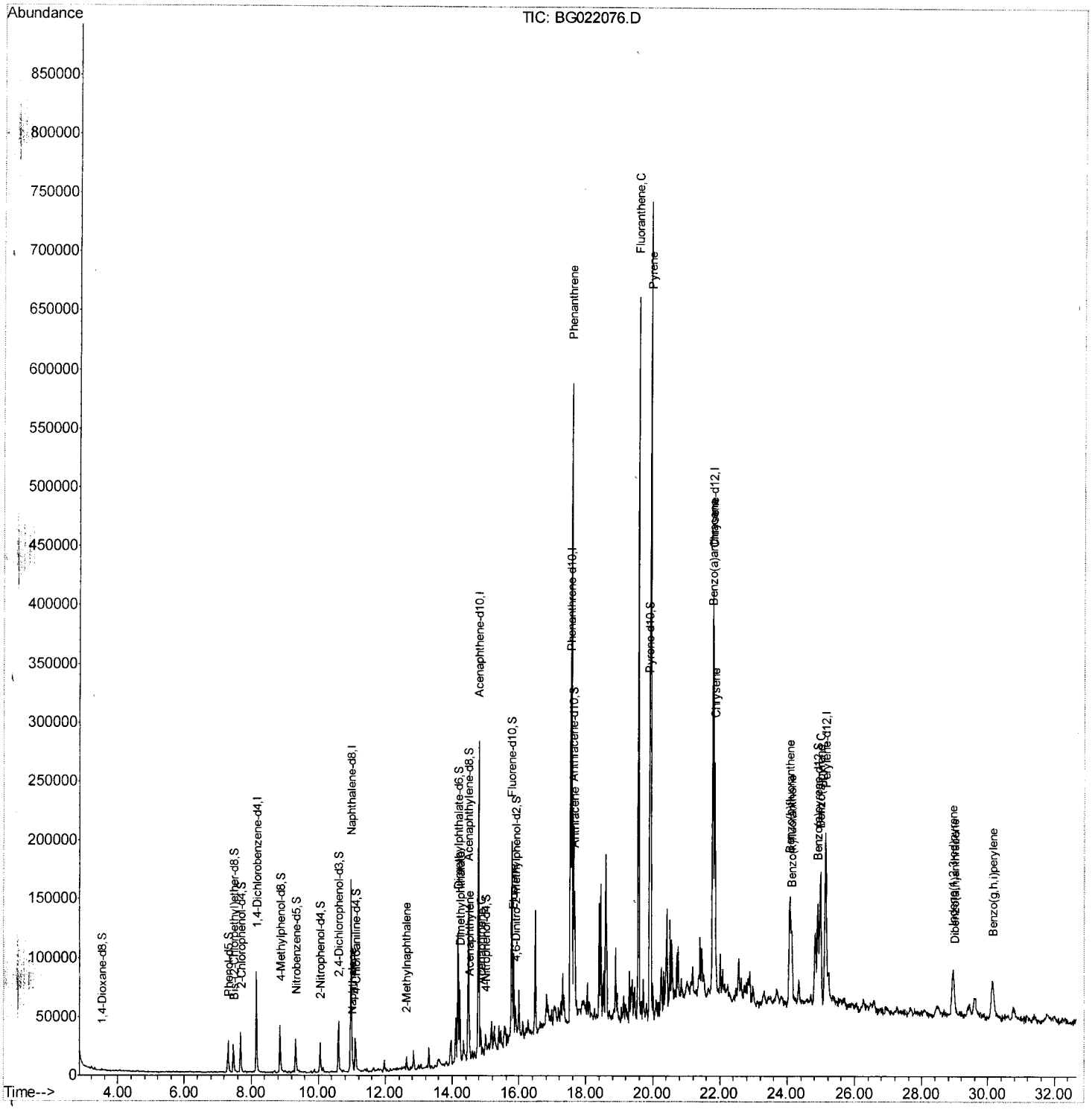
Quant Time: May 27 05:36:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 04:32:27 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JHGJ3DL

Manual Integrations APPROVED
sohil
5/27/2016 7:40:35 PM



Quantitation Report (Qedit)

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Manual Integrations APPROVED
sohil
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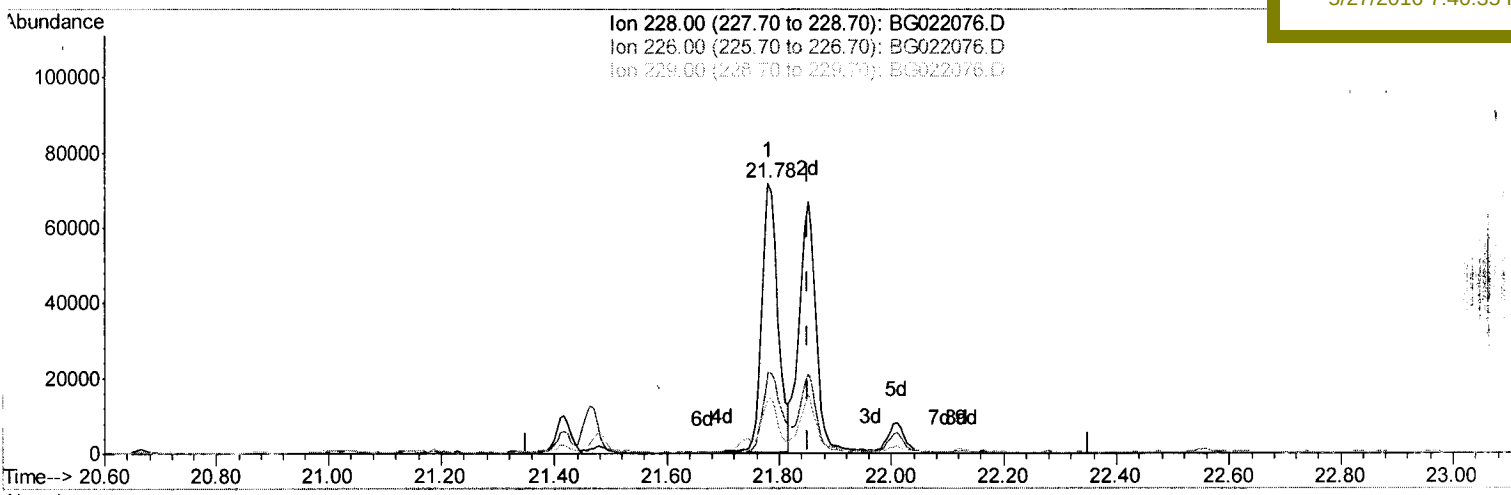

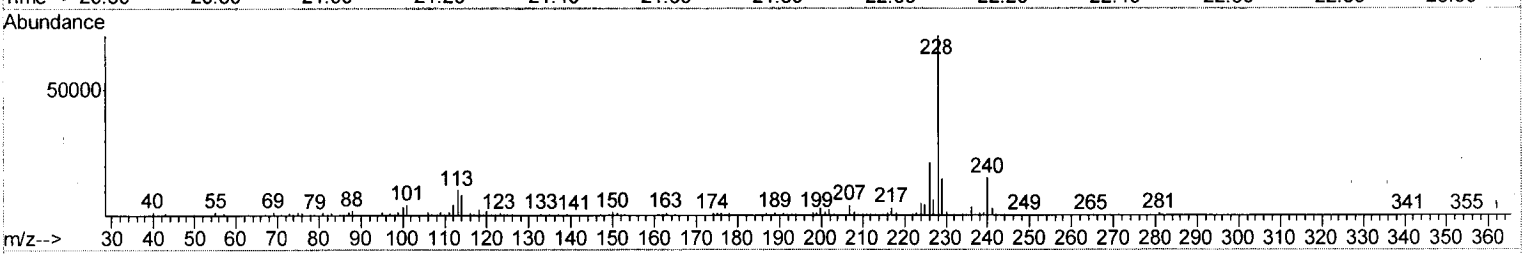

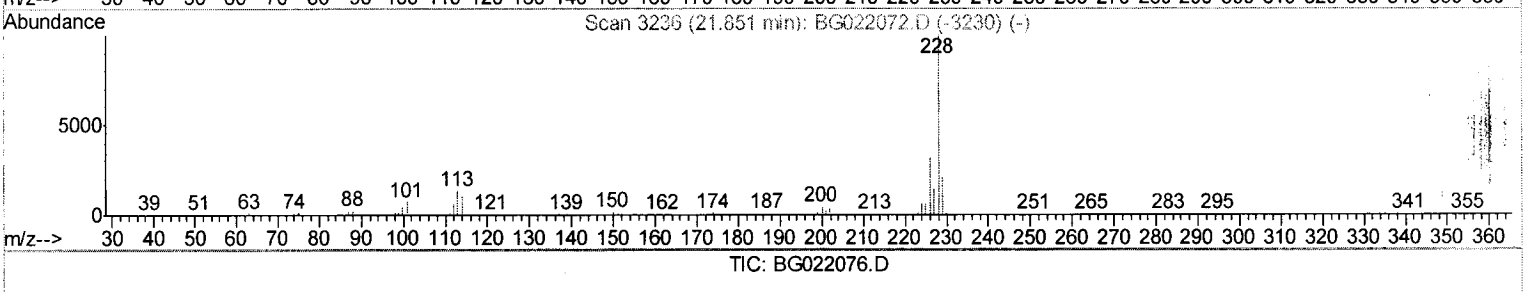

TIC: BG022076.D

(82) Chrysene

21.781min (-0.070) 15.58ng/ul

response 143302

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	29.95
229.00	18.80	20.53
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 04:32:27 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JHGJ3DL

Manual Integrations APPROVED
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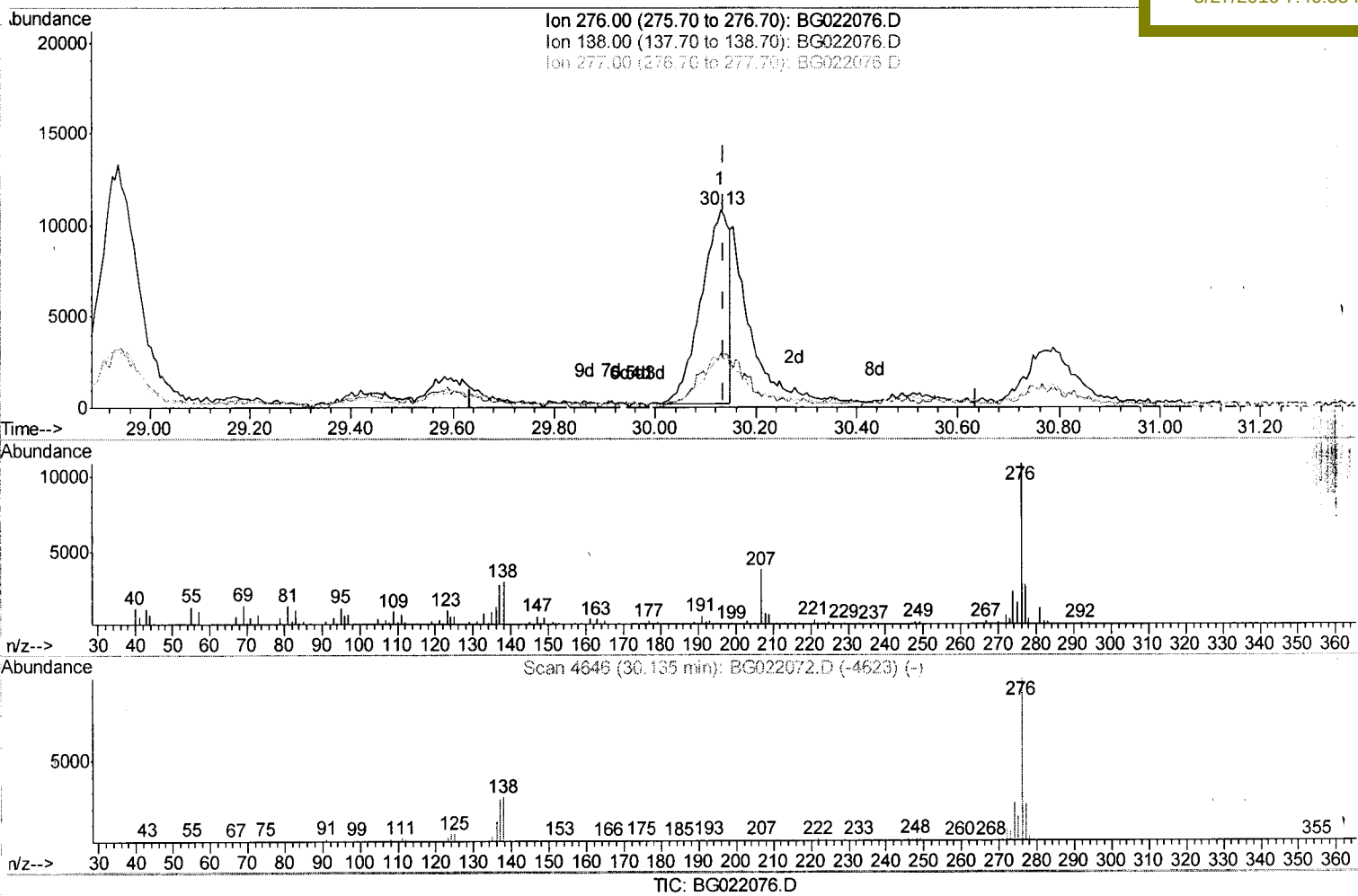

TIC: BG022076.D

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

30.130min (-0.005) 5.01ng/ul

response 40577

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	27.47
277.00	21.20	25.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
Data File : BG022076.D
Acq On : 26 May 2016 11:40
Operator : UM/SJ
Sample : H3124-20DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 27 04:32:55 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 04:32:27 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JHGJ3DL

Manual Integrations APPROVED
sohil
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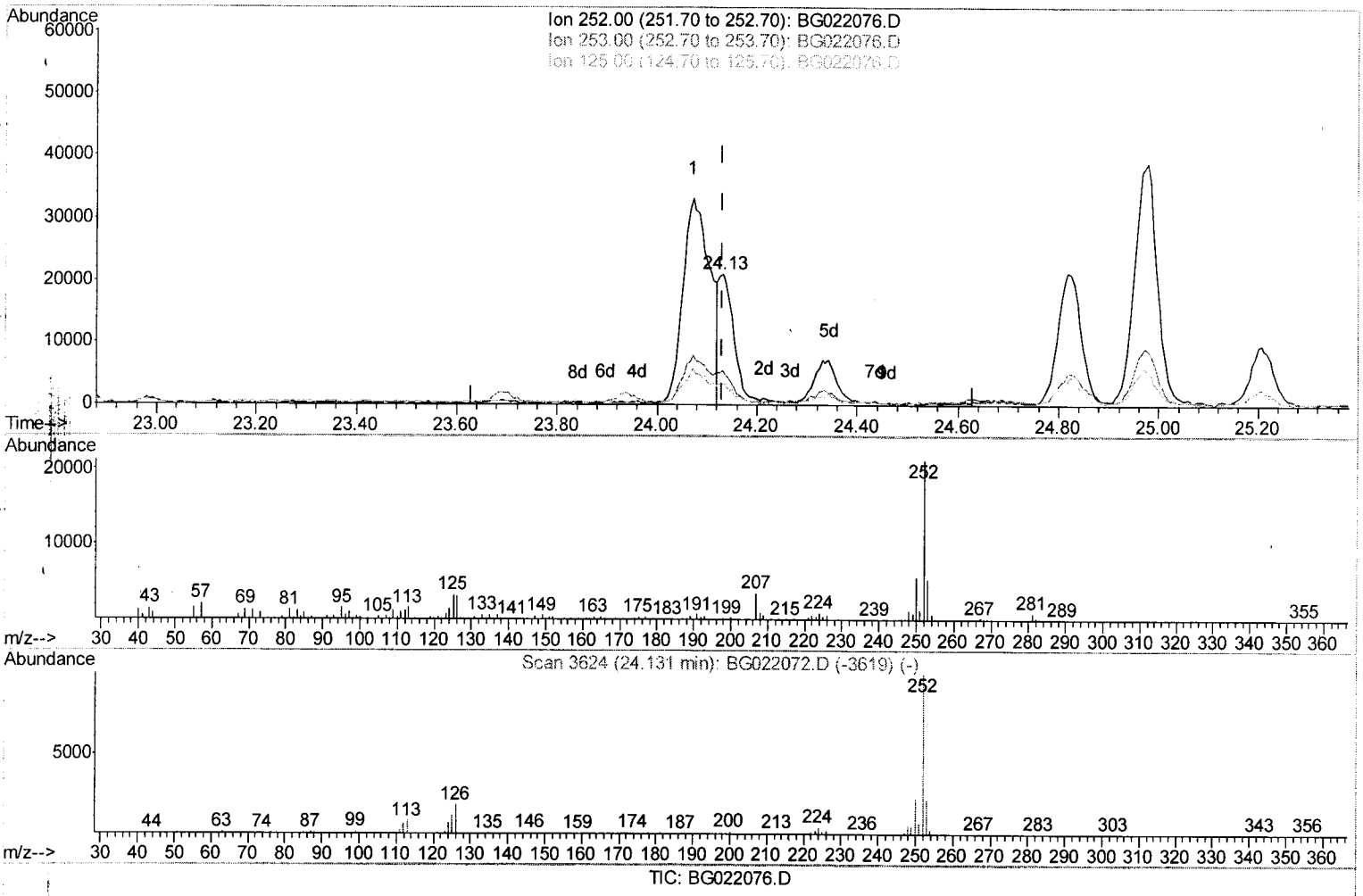

TIC: BG022076.D

(86) Benzo(k)fluoranthene

24.131min (+0.001) 4.94ng/ul m

response 43894

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	25.60#
125.00	13.30	15.91
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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QLast Update : Fri May 27 04:32:27 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JHGJ3DL

Manual Integrations APPROVED
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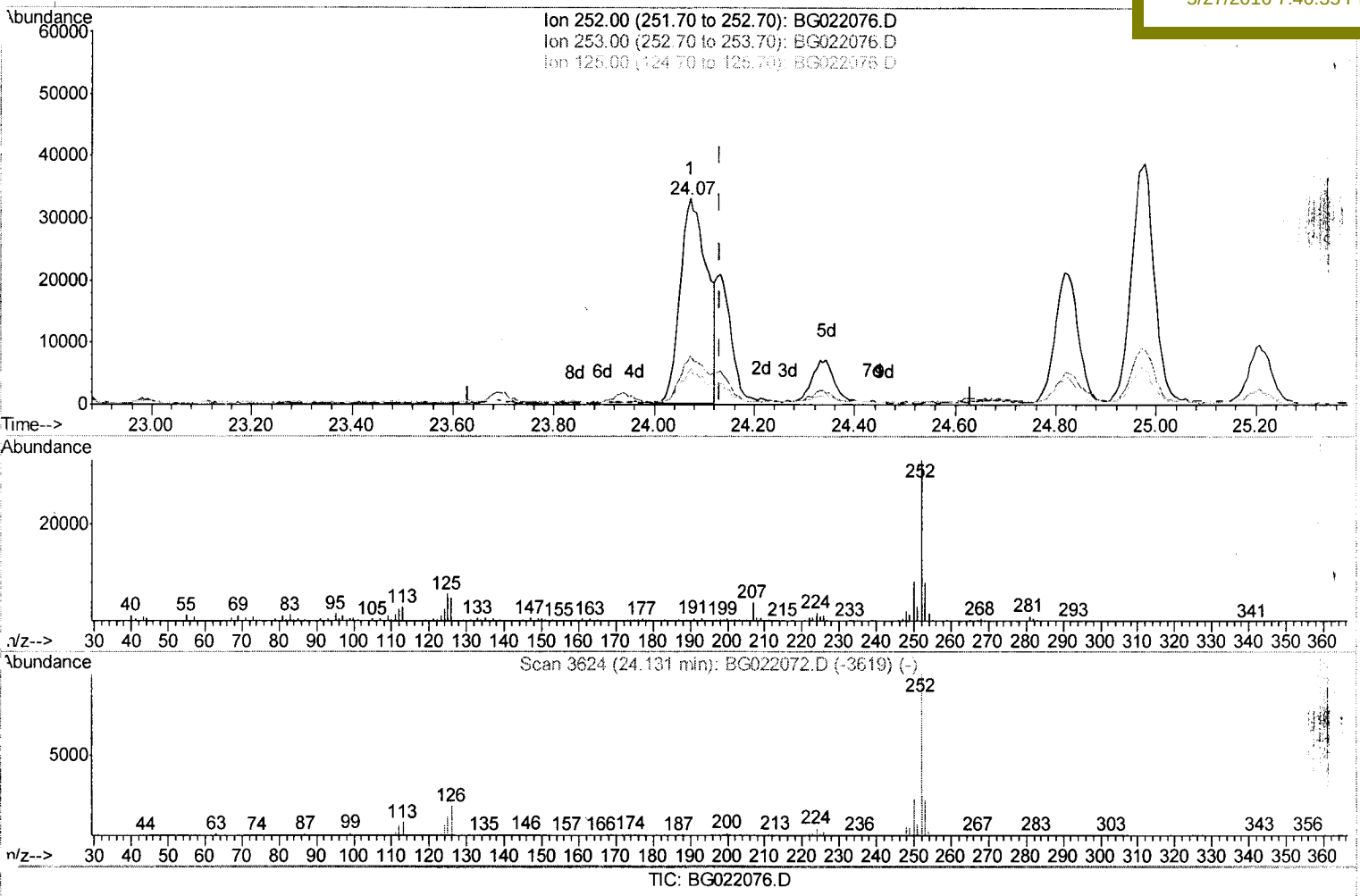

TIC: BG022076.D

(86) Benzo(k)fluoranthene

24.072min (-0.058) 13.93ng/ul

response 123847

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	24.11#
125.00	13.30	17.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
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Manual Integrations APPROVED
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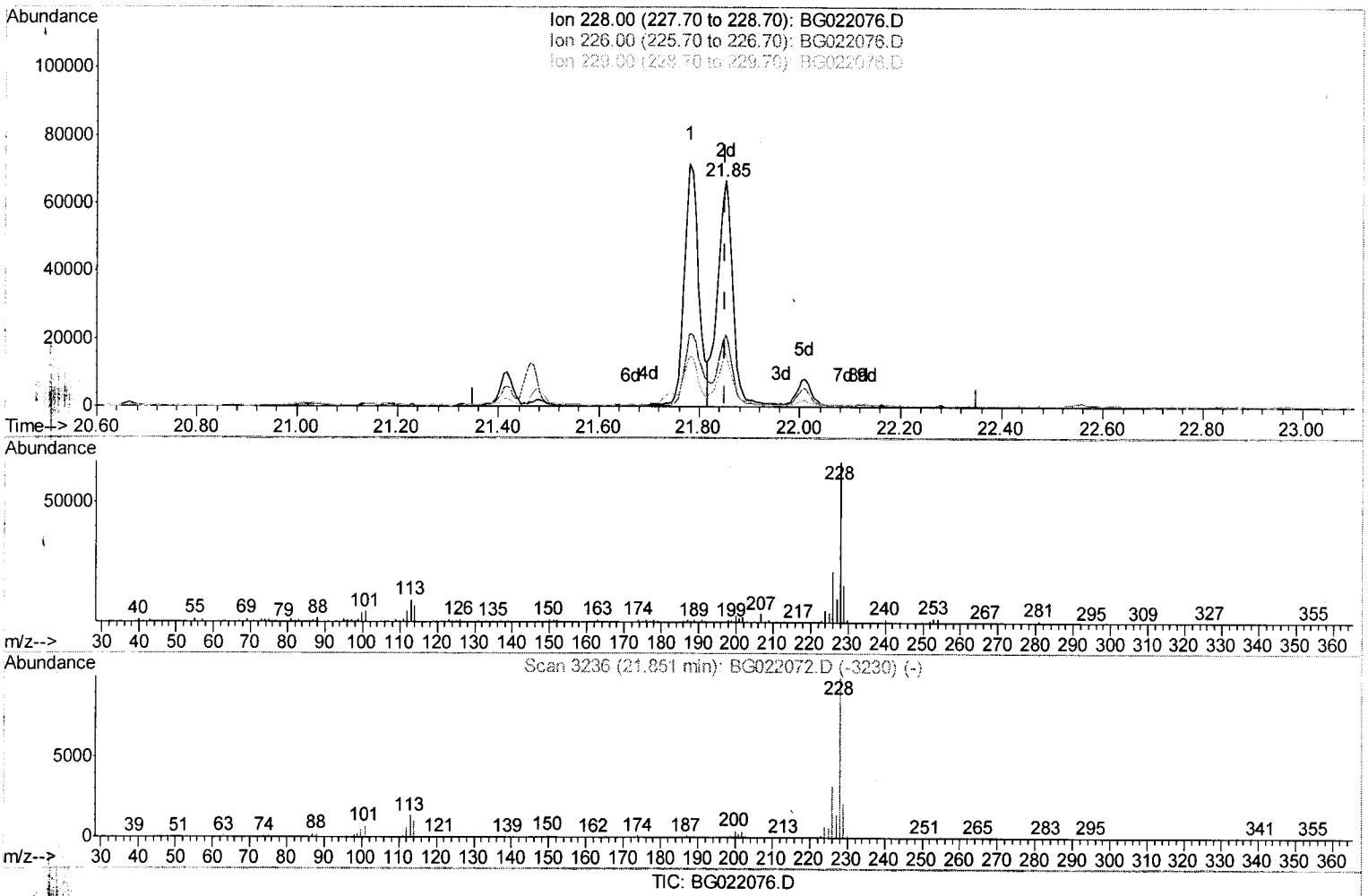

TIC: BG022076.D

(82) Chrysene

21.851min (+0.001) 15.04ng/ul m > U.M. 05/31/16

response 138341

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	31.89
229.00	18.80	23.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Time: May 27 05:36:06 2016
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Quant Title : SVOA CALIBRATION
Qlast Update : Fri May 27 04:32:27 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : JHGJ3DL

Manual Integrations APPROVED
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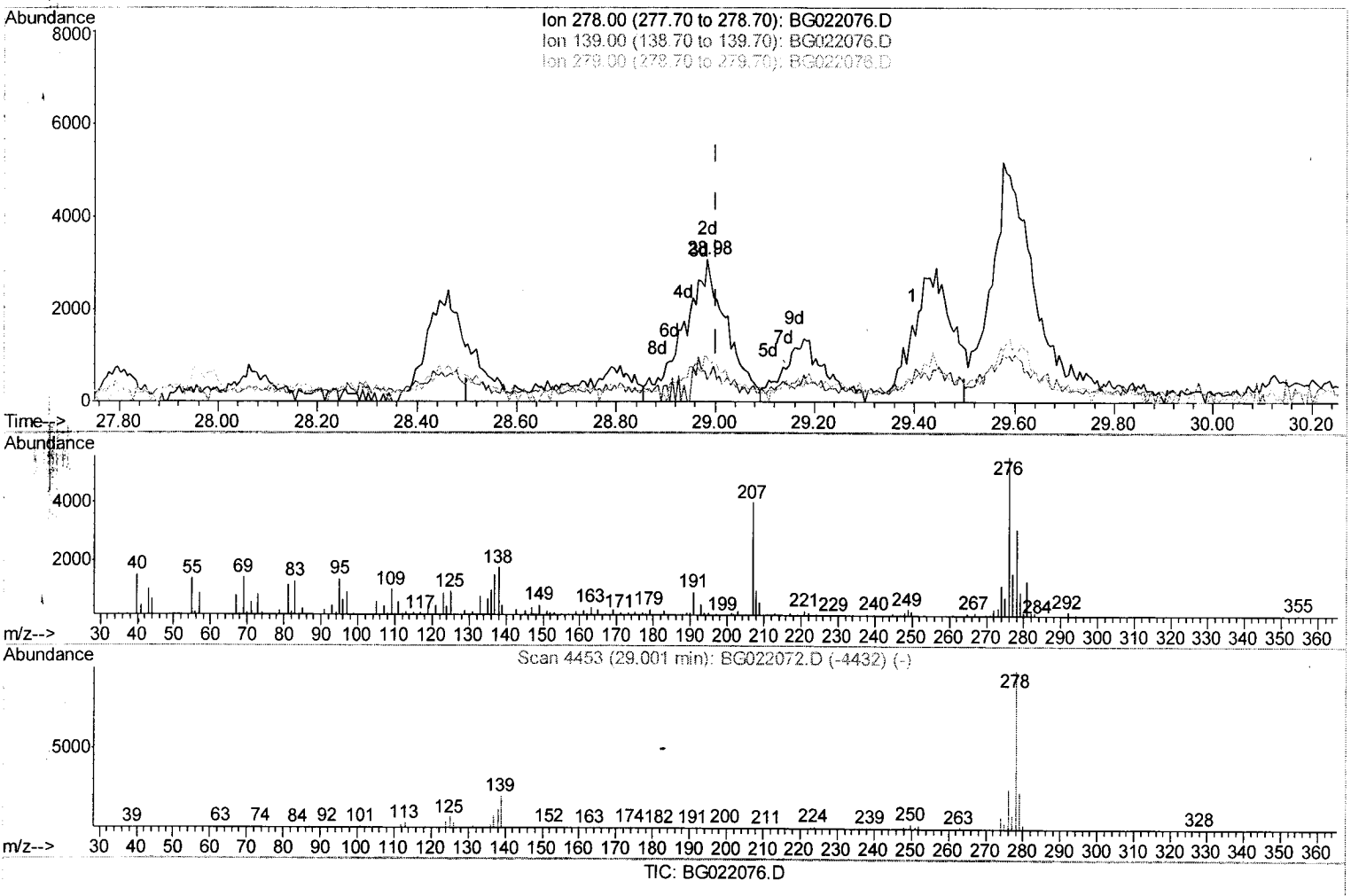

TIC: BG022076.D

(90) Dibenzo(a,h)anthracene

28.984min (-0.017) 2.19ng/ul m

response 18548

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	15.44#
279.00	23.90	31.17#
0.00	0.00	0.00

U.M. 05/31/16

Quantitation Report (Qedit)

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BNA_G
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Manual Integrations APPROVED
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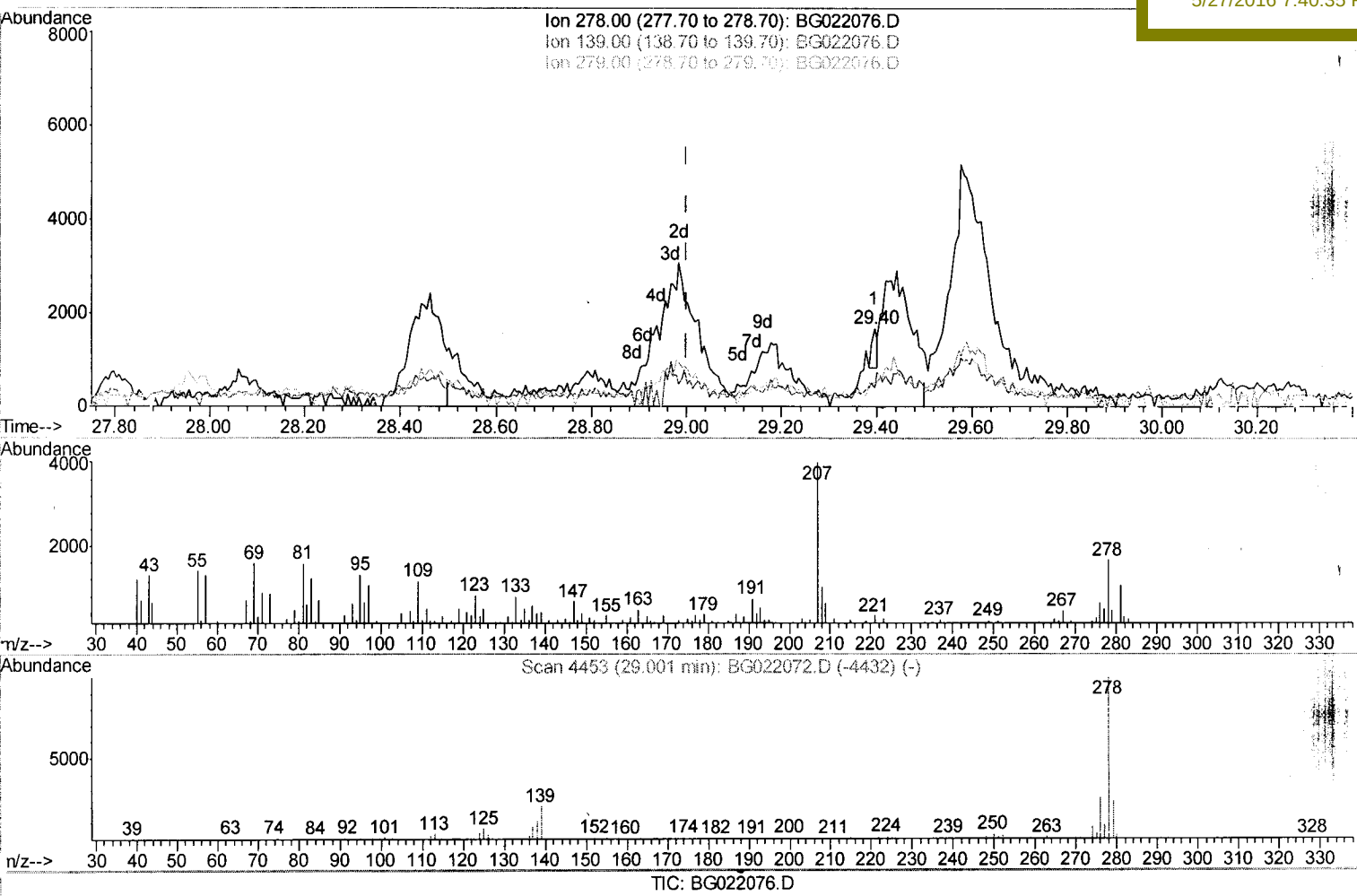

TIC: BG022076.D

(90) Dibenzo(a,h)anthracene

29.396min (+0.394) 0.08ng/ul

response 705

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	24.38
279.00	23.90	28.48
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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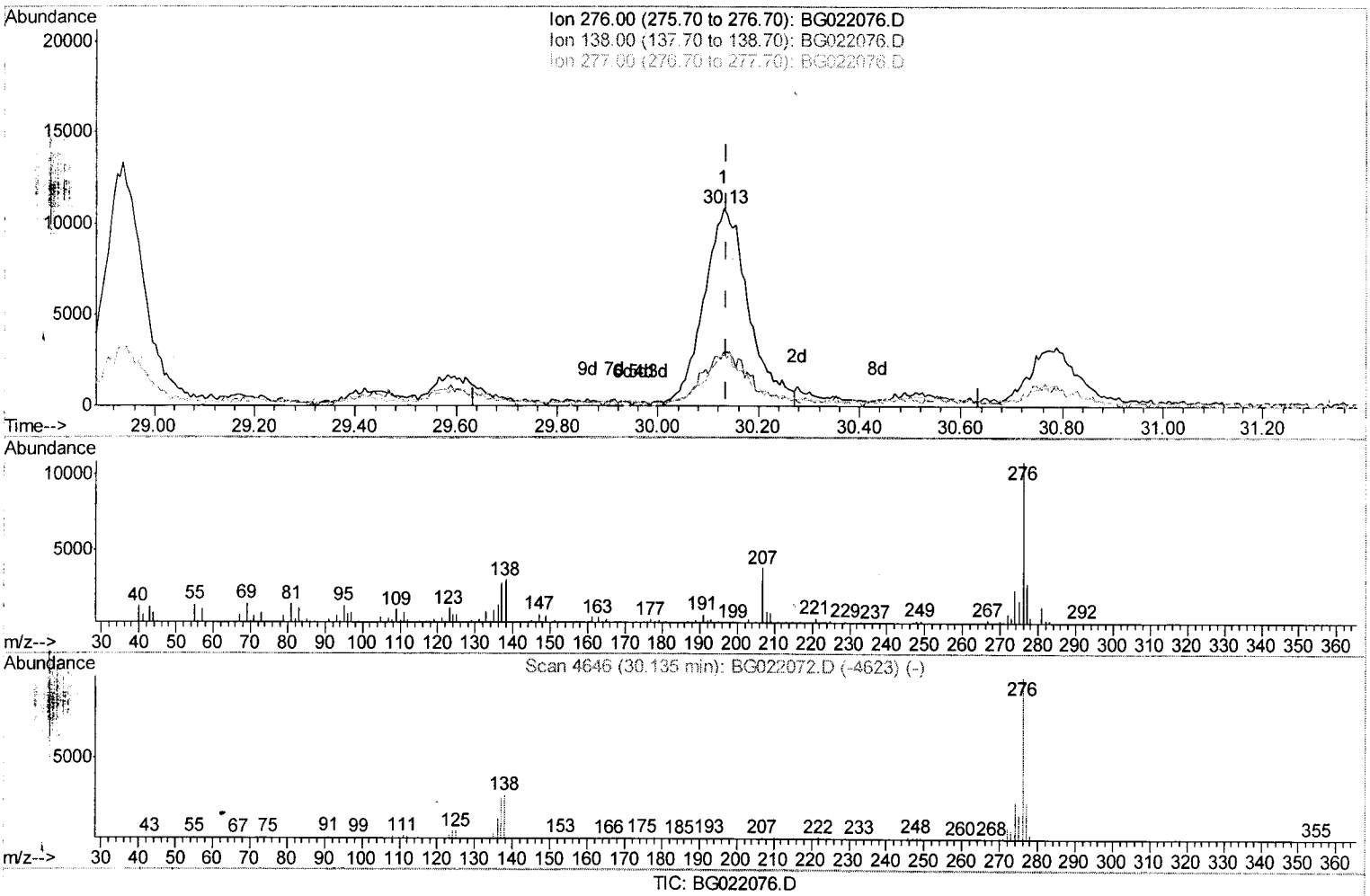

TIC: BG022076.D

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

30.130min (-0.005) 8.32ng/ul m

U.M. 05/31/16

response 67323

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	27.47
277.00	21.20	25.82#
0.00	0.00	0.00