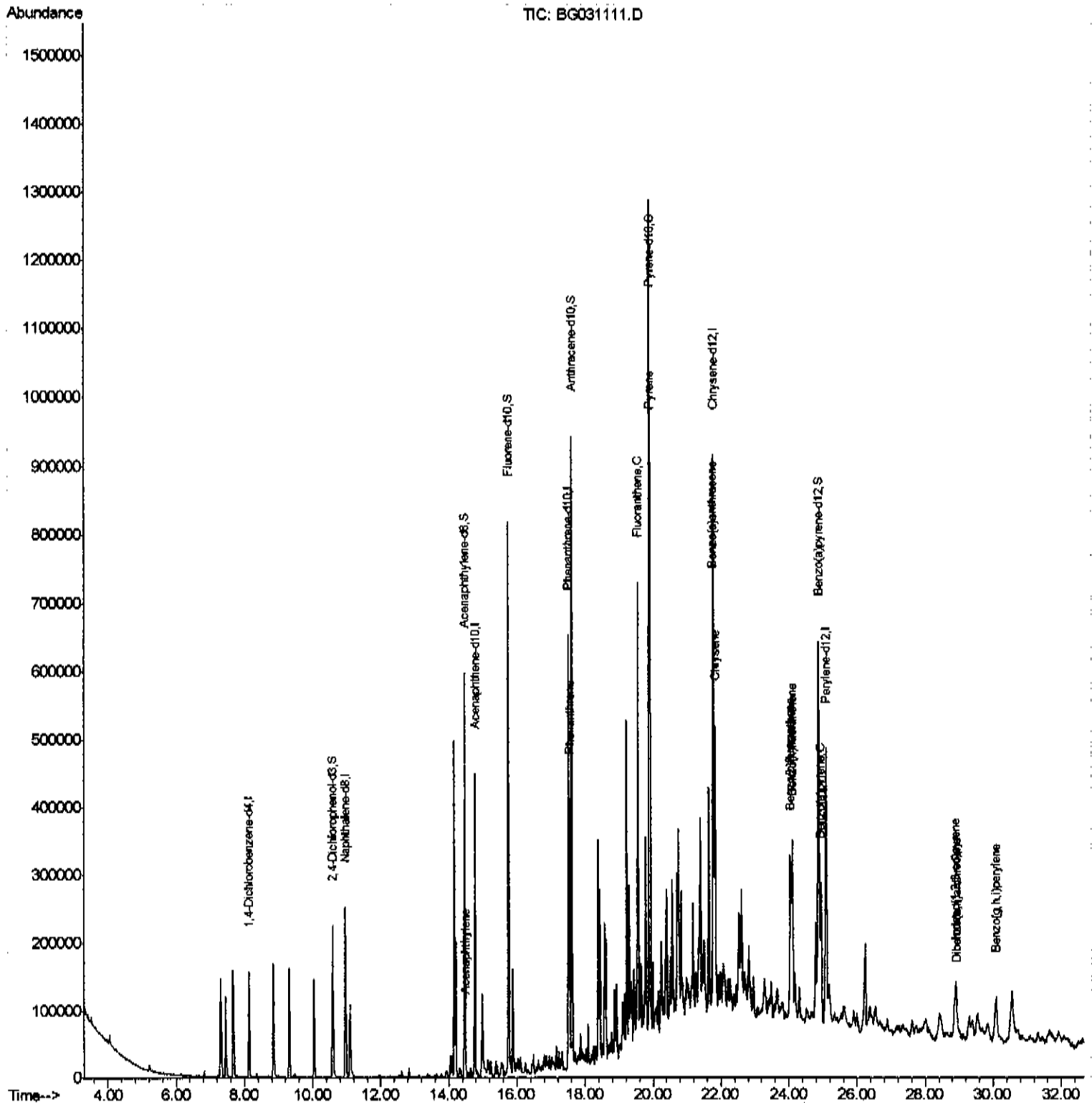


(QT Reviewed)

Instrument :
BNA_G
ClientSampleId :
B0FN5

SOHIL
11/20/2017 4:46:03 PM

Quant Time: Nov 20 02:00:38 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 20 01:33:00 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

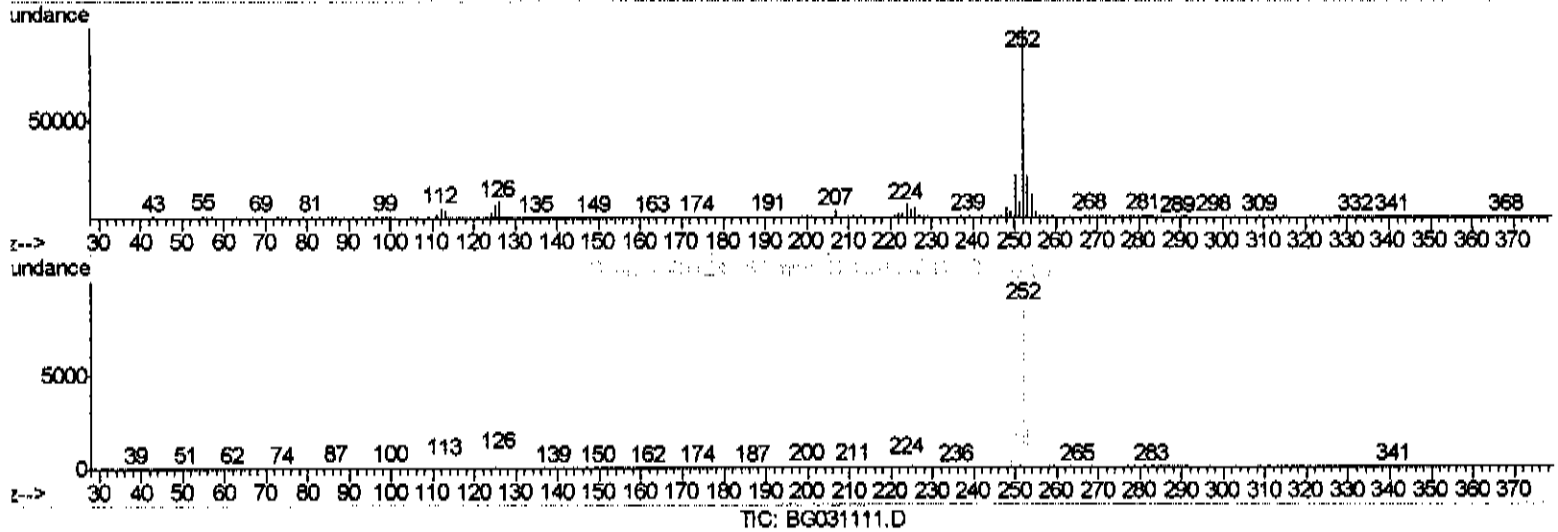
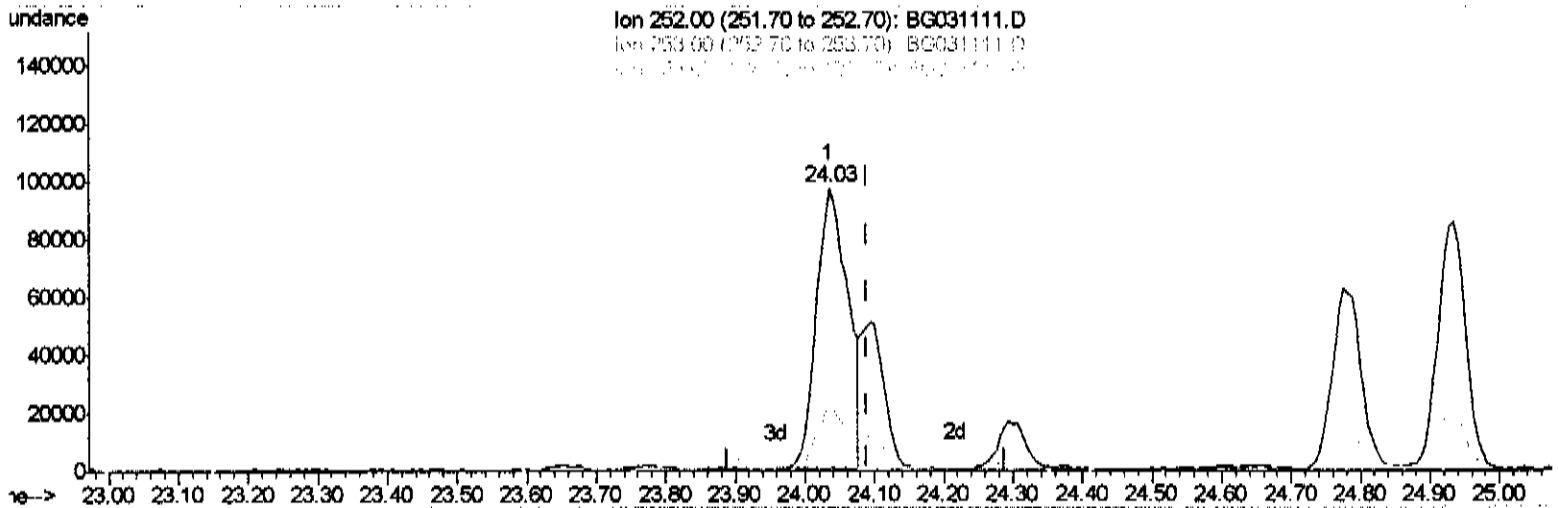
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031111.D
 Acq On : 18 Nov 2017 9:35
 Operator : SJ/JU
 Sample : I6431-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0FN5

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:46:03 PM

Quant Time: Nov 20 01:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 01:33:00 2017
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

24.035min (-0.054) 11.47ng/ul

response 306981

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.94
125.00	11.00	7.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

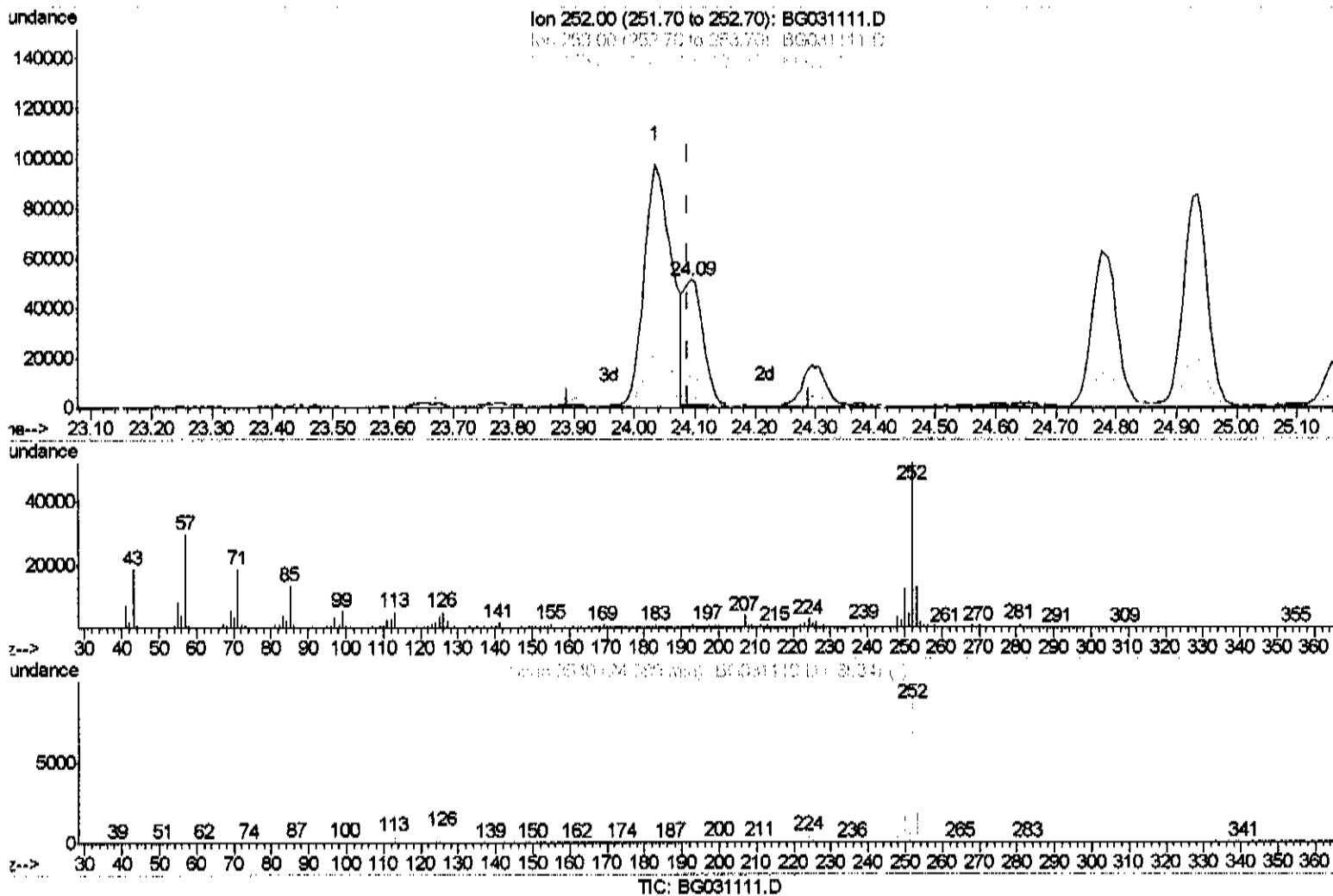
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031111.D
 Acq On : 18 Nov 2017 9:35
 Operator : SJ/JU
 Sample : I6431-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0FN5

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:46:03 PM

Quant Time: Nov 20 01:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 01:33:00 2017
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

24.094min (+0.005) 4.18ng/ul m

response 111875

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.86
125.00	11.00	7.10#
0.00	0.00	0.00

5411/21/17

Quantitation Report (Qedit)

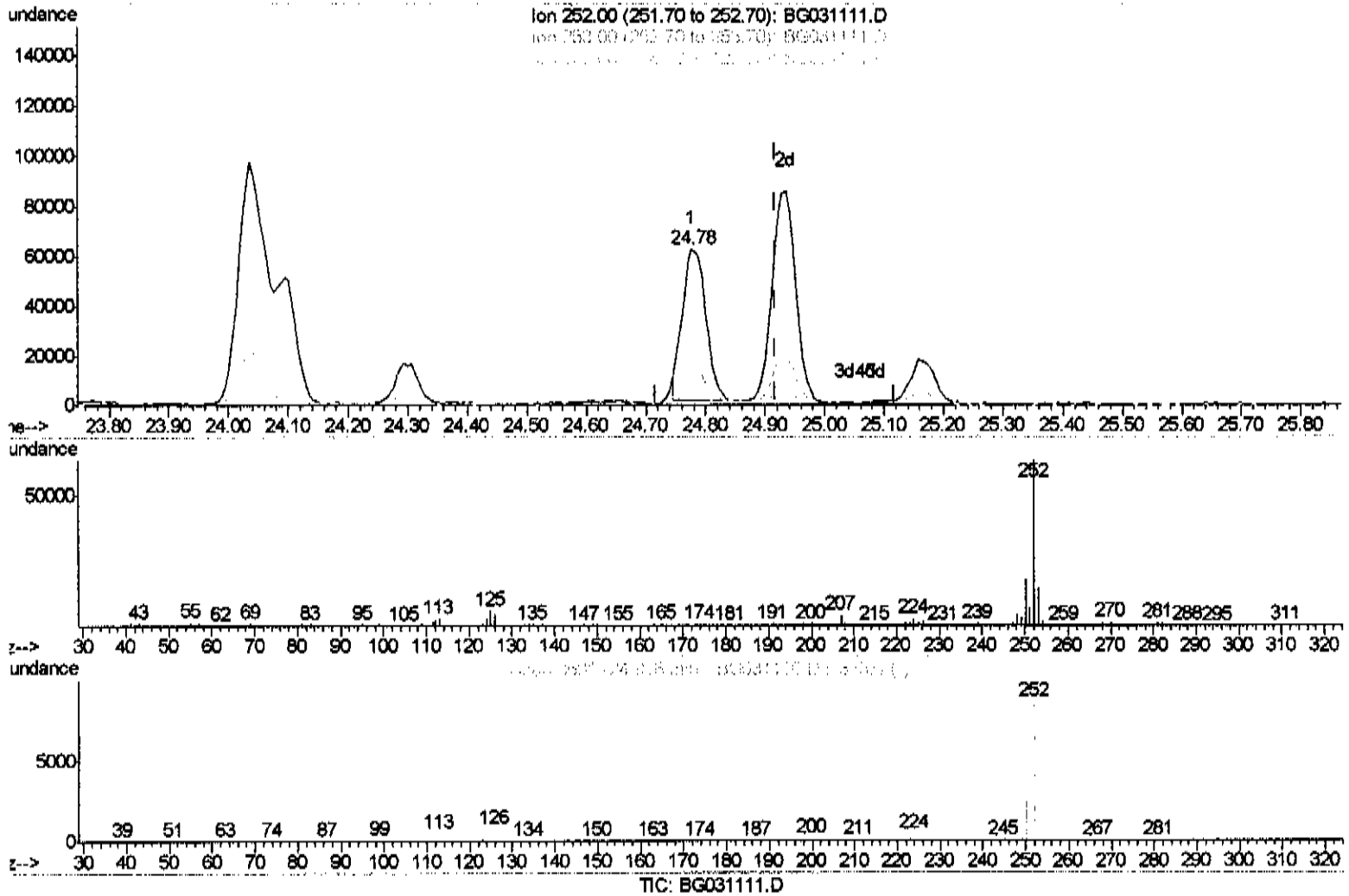
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031111.D
 Acq On : 18 Nov 2017 9:35
 Operator : SJ/JU
 Sample : I6431-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0FN5

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:46:03 PM

Quant Time: Nov 20 01:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 01:33:00 2017
 Response via : Initial Calibration



(27) Benzo(a)pyrene (C)

24.775min (-0.142) 6.36ng/ul

response 165654

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.35
125.00	11.80	9.54
0.00	0.00	0.00

Quantitation Report (Qedit)

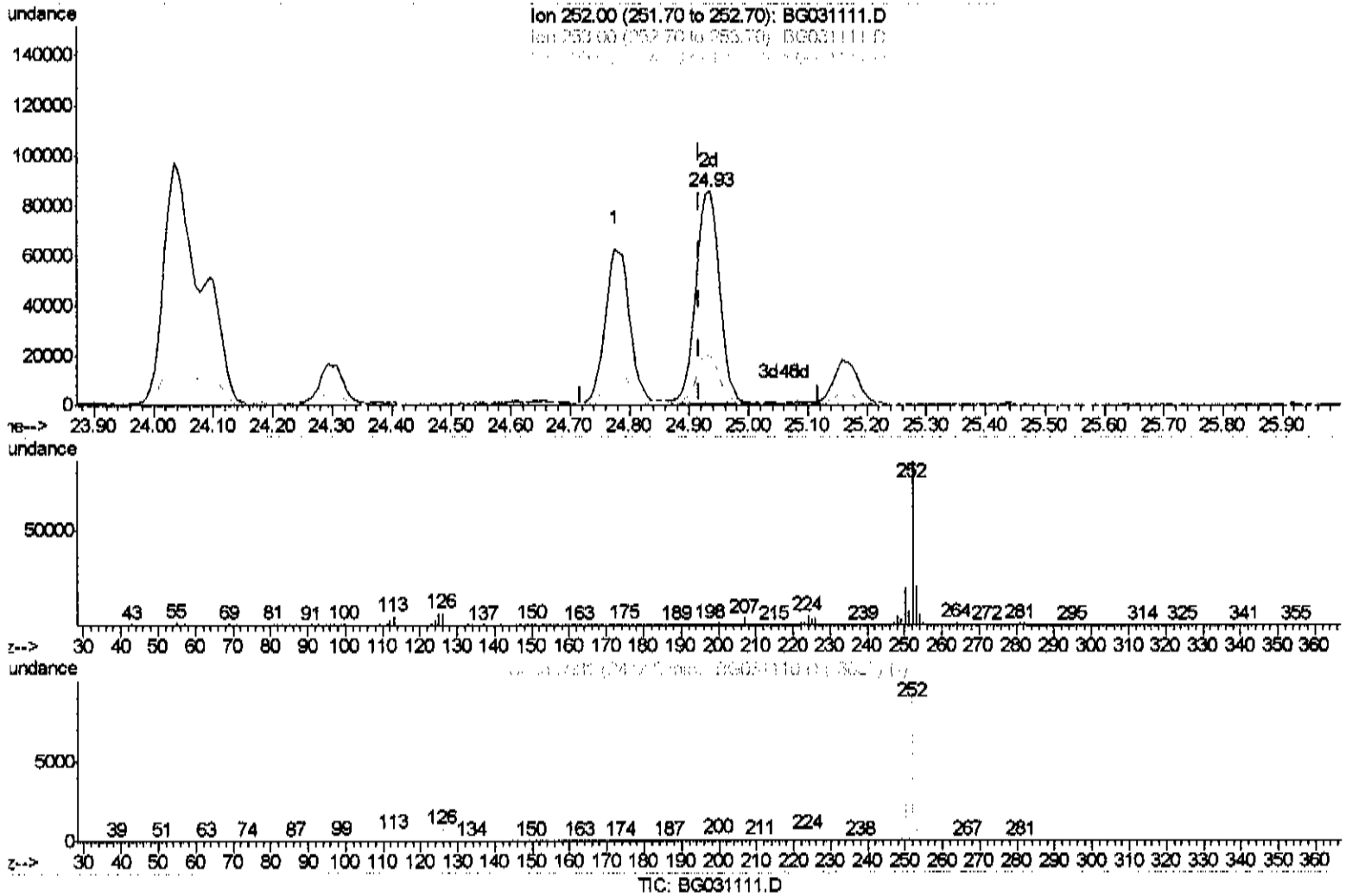
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031111.D
 Acq On : 18 Nov 2017 9:35
 Operator : SJ/JU
 Sample : I6431-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0FN5

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:46:03 PM

Quant Time: Nov 20 01:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 01:33:00 2017
 Response via : Initial Calibration



(27) Benzo(a)pyrene (C)

24.934min (+0.016) 9.05ng/ul m

response 235716

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.01
125.00	11.80	7.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

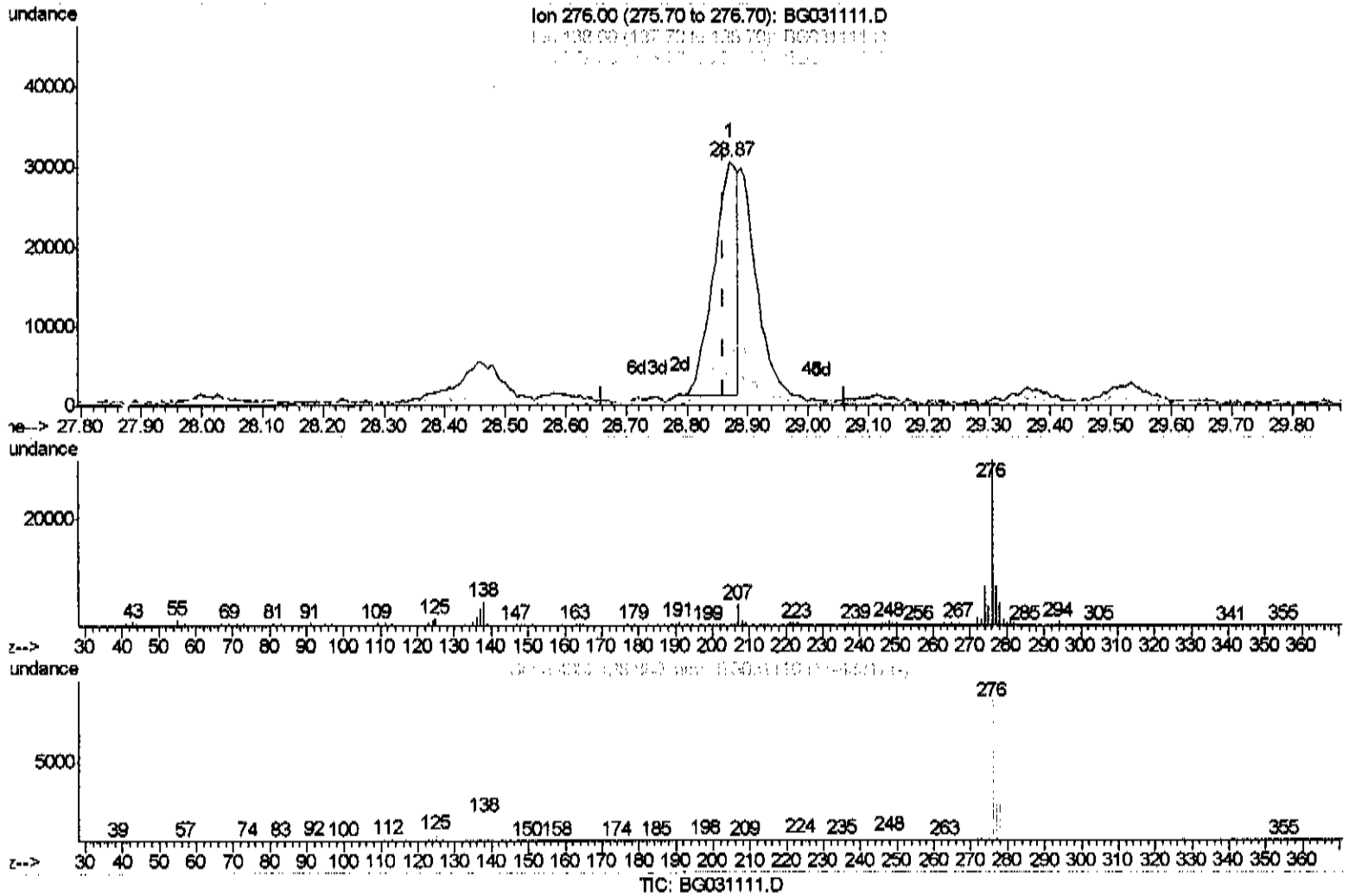
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031111.D
 Acq On : 18 Nov 2017 9:35
 Operator : SJ/JU
 Sample : I6431-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0FN5

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:46:03 PM

Quant Time: Nov 20 01:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 01:33:00 2017
 Response via : Initial Calibration



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

28.870min (+0.010) 2.67ng/ul

response 79146

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	15.04#
277.00	24.20	24.61
0.00	0.00	0.00

Quantitation Report (Qedit)

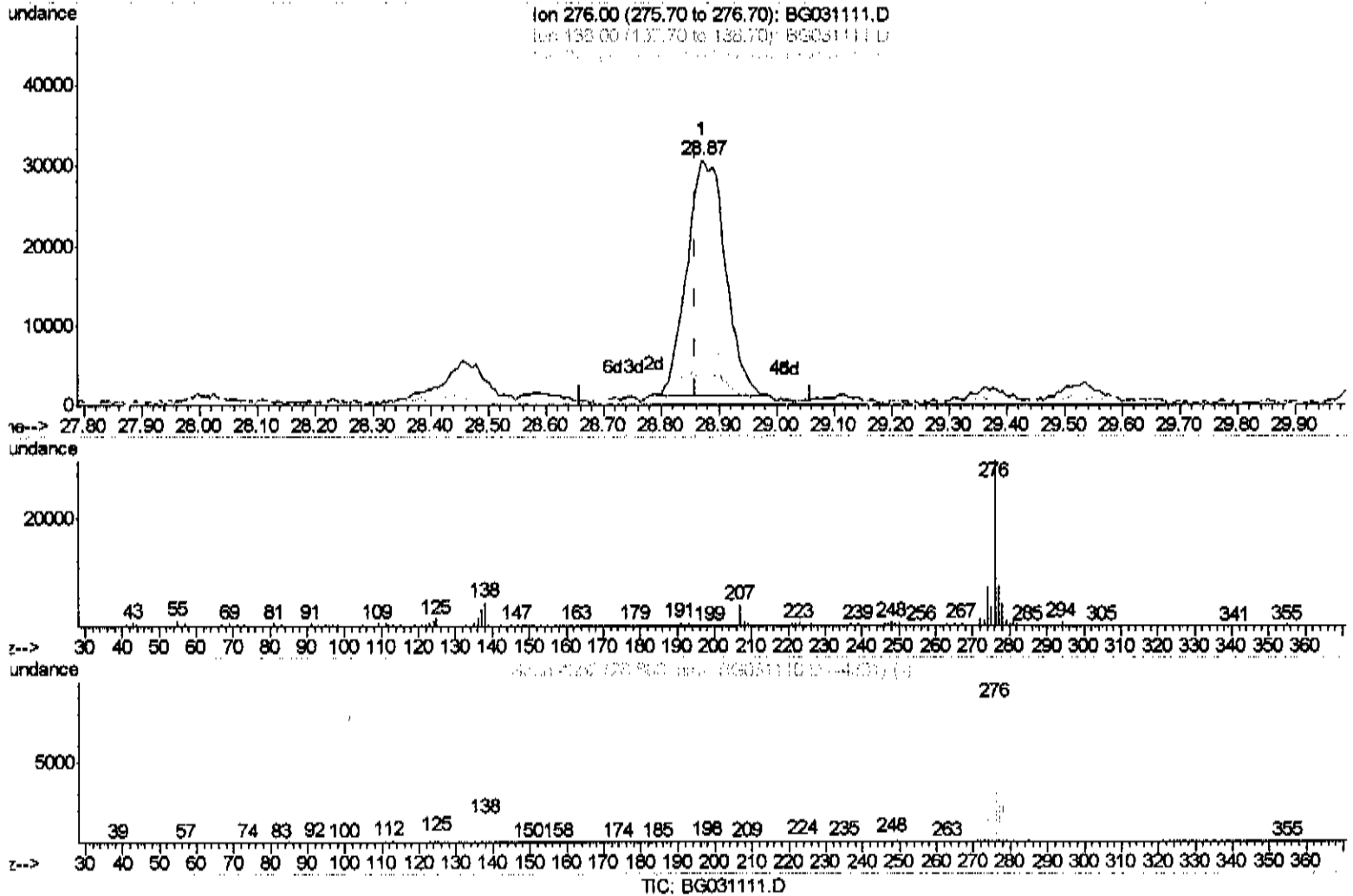
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031111.D
 Acq On : 18 Nov 2017 9:35
 Operator : SJ/JU
 Sample : I6431-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0FN5

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:46:03 PM

Quant Time: Nov 20 01:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 01:33:00 2017
 Response via : Initial Calibration



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

28.870min (+0.010) 4.61ng/ul m *SJ 11/21/17*

response 136705

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	15.04#
277.00	24.20	24.61
0.00	0.00	0.00

Quantitation Report (Qedit)

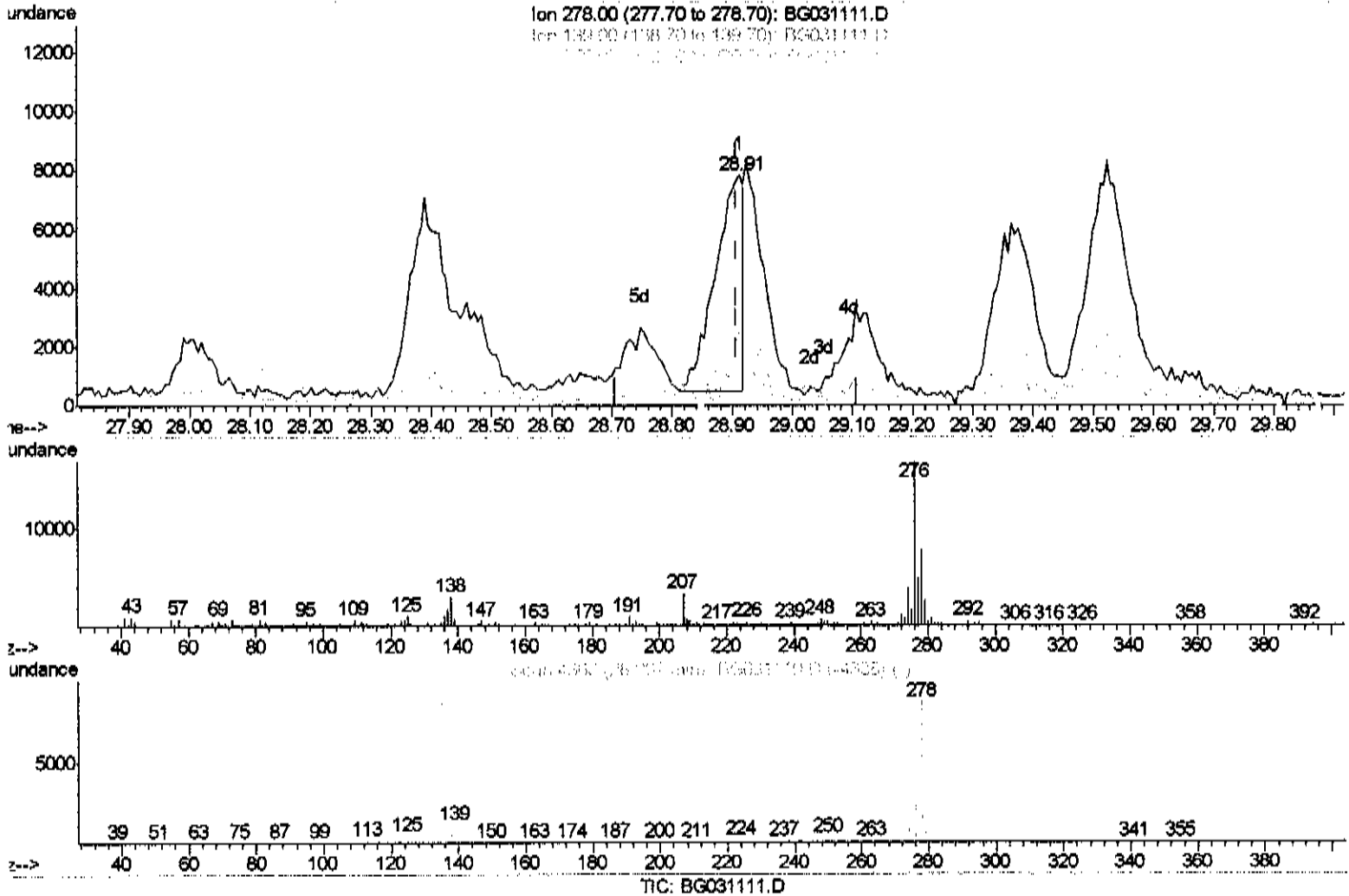
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031111.D
 Acq On : 18 Nov 2017 9:35
 Operator : SJ/JU
 Sample : I6431-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0FN5

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:46:03 PM

Quant Time: Nov 20 01:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 01:33:00 2017
 Response via : Initial Calibration



(29) Dibenzo(a,h)anthracene

28.912min (+0.005) 0.96ng/ul

response 23704

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	11.18#
279.00	25.80	33.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

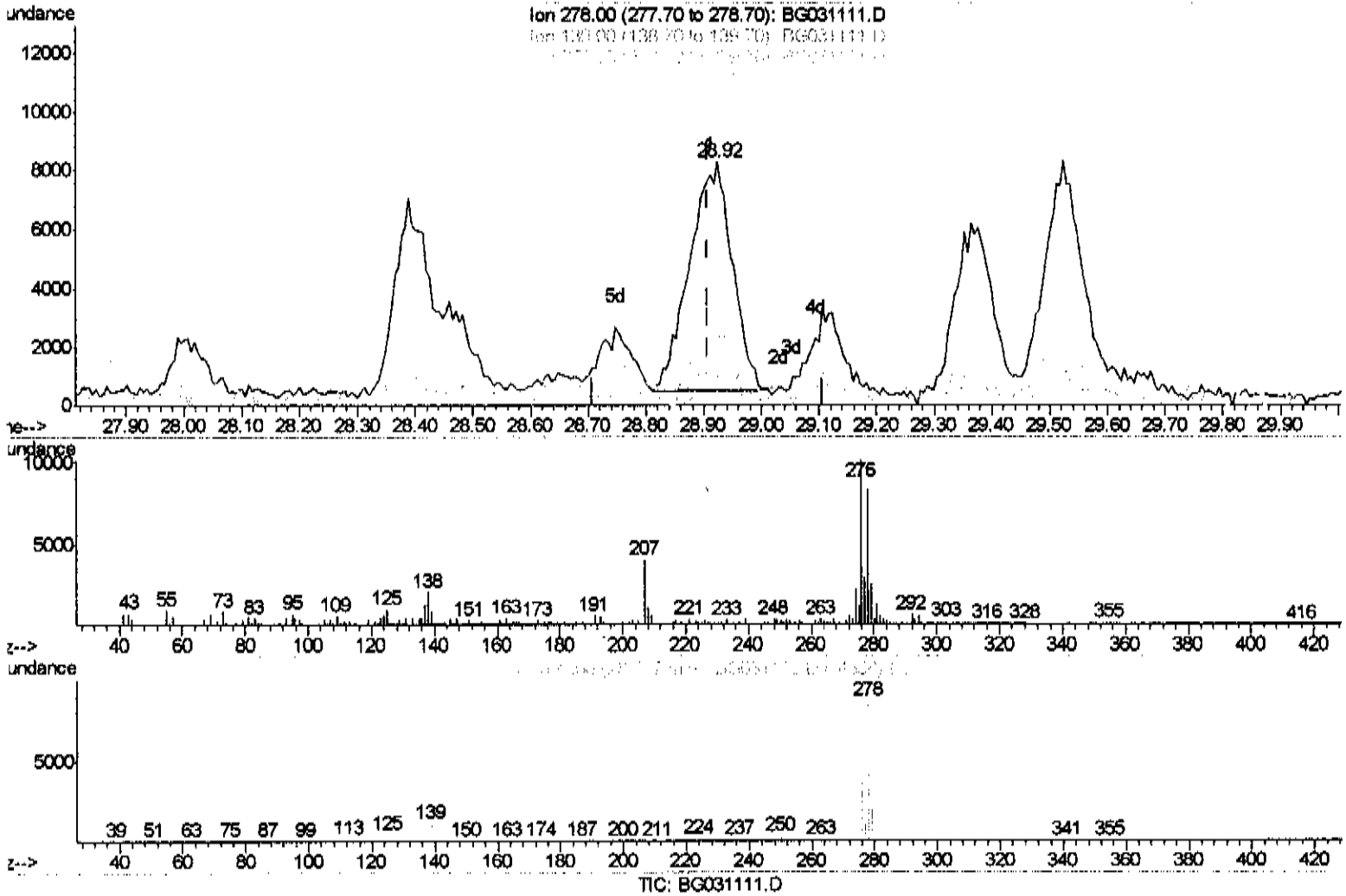
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031111.D
 Acq On : 18 Nov 2017 9:35
 Operator : SJ/JU
 Sample : I6431-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0FN5

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:46:03 PM

Quant Time: Nov 20 01:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 01:33:00 2017
 Response via : Initial Calibration



(29) Dibenzo(a,h)anthracene

28.923min (+0.016) 1.63ng/ul m

response 40023

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	11.74#
279.00	25.60	31.13#
0.00	0.00	0.00

34 11/21/17

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031111.D
 Acq On : 18 Nov 2017 9:35
 Operator : SJ/JU
 Sample : I6431-04
 Disc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0FN5

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:46:03 PM

Quant Time: Nov 20 02:00:38 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 Last Update : Mon Nov 20 01:33:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	48642	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	223682	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	167576	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	424804	20.00	ng/ul	0.00
18) Chrysene-d12	21.78	240	454528	20.00	ng/ul	0.00
23) Perylene-d12	25.09	264	449568	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.58	165	105961	25.11	ng/uL	0.00
7) Acenaphthylene-d8	14.46	160	476131	27.32	ng/ul	0.00
10) Fluorene-d10	15.74	176	369263	26.38	ng/ul	0.00
15) Anthracene-d10	17.60	188	576074	27.09	ng/ul	0.00
19) Pyrene-d10	19.88	212	669487	32.24	ng/ul	0.01
26) Benzo(a)pyrene-d12	24.86	264	651081	29.27	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Acenaphthylene	14.49	152	19972	1.31	ng/ul#	97
14) Phenanthrene	17.54	178	257713	11.30	ng/ul	98
17) Fluoranthene	19.55	202	424994	13.40	ng/ul#	87
20) Pyrene	19.91	202	551032	22.84	ng/ul#	84
21) Benzo(a)anthracene	21.76	228	259209	9.36	ng/ul	97
22) Chrysene	21.83	228	325935	12.37	ng/ul	99
24) Benzo(b)fluoranthene	24.03	252	306981	11.30	ng/ul#	96
25) Benzo(k)fluoranthene	24.09	252	111875m	4.18	ng/ul	} - JU 11/21/17
27) Benzo(a)pyrene	24.93	252	235716m	9.05	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.87	276	136705m	4.61	ng/ul	
29) Dibenzo(a,h)anthracene	28.92	278	40023m	1.63	ng/ul	
30) Benzo(g,h,i)perylene	30.07	276	125091	5.06	ng/ul#	89

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