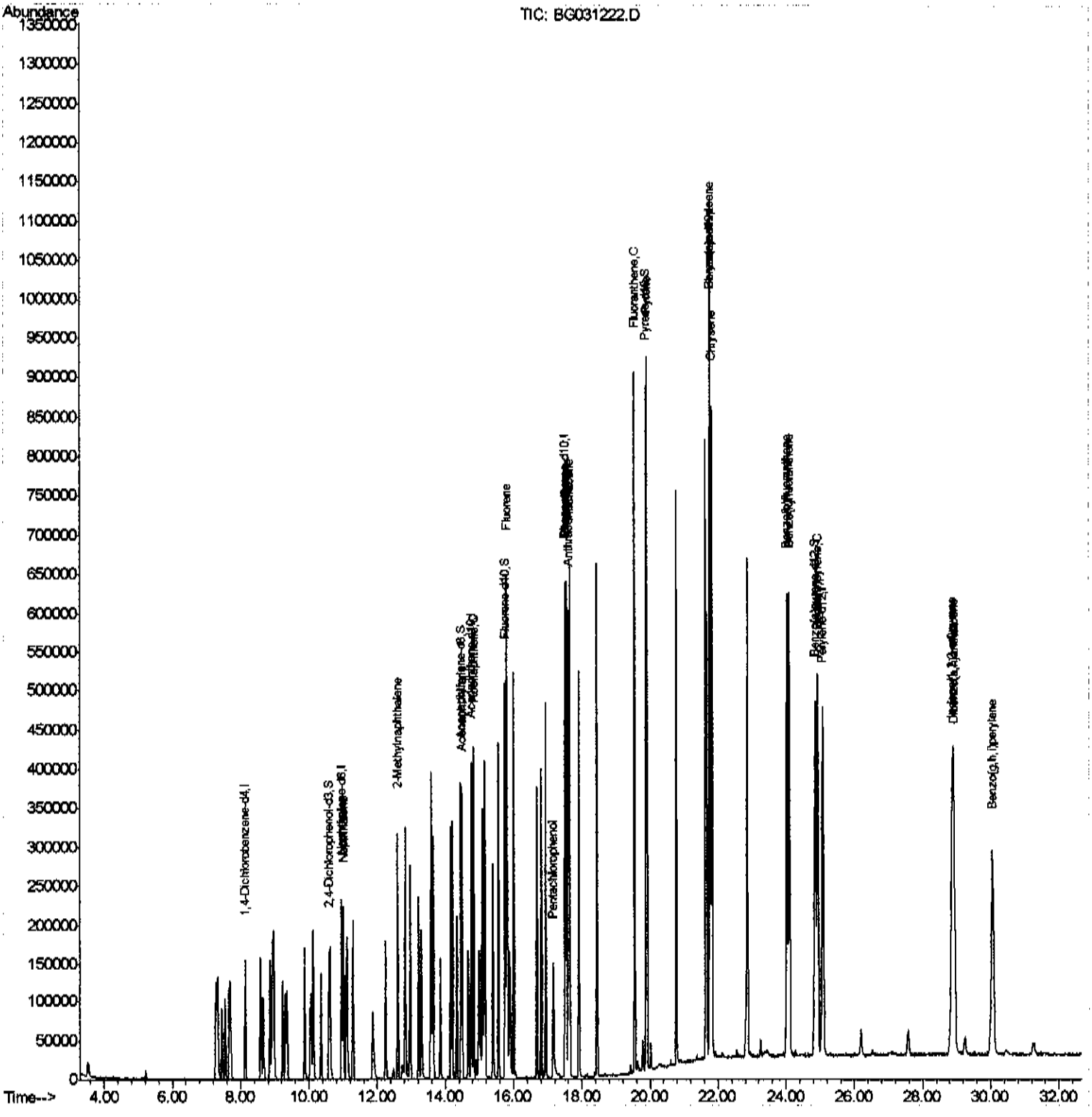
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031222.D
Acq On : 27 Nov 2017 10:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 04:48:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:04:01 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02071

Manual Integrations APPROVED
Sohil
11/28/2017 3:07:59 PM



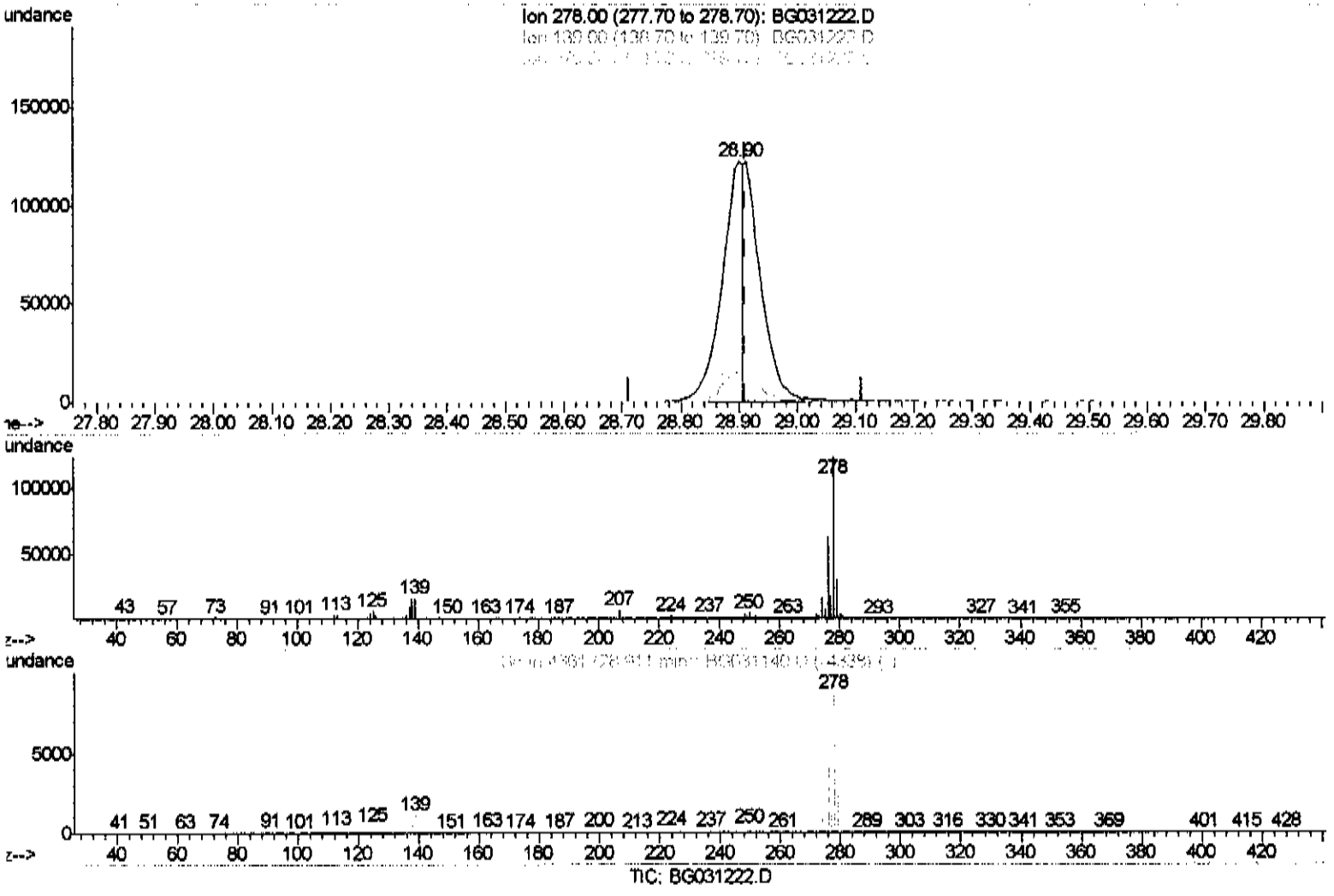
Quantitation Report (Qedit)

Instrument :
BNA_G
LabSampleId :
SSTD02071

Manual Integrations APPROVED
Sohil
11/28/2017 3:07:59 PM

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031222.D
Acq On : 27 Nov 2017 10:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 04:41:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:04:01 2017
Response via : Initial Calibration



(29) Dibenzo(a,h)anthracene

28.899min (-0.011) 10.90ng/ul

response 303670

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	12.77#
279.00	25.80	23.83
0.00	0.00	0.00

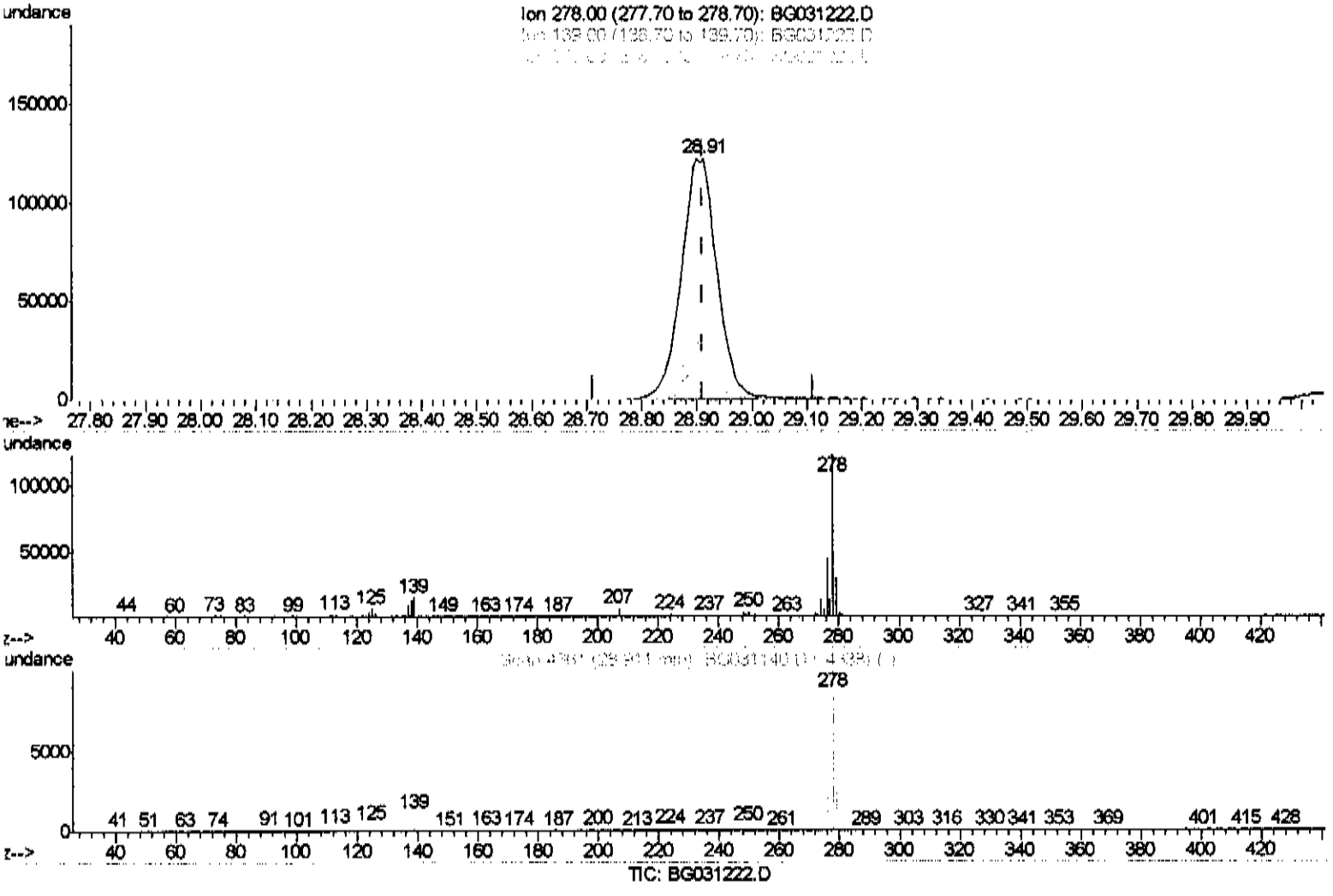
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031222.D
Acq On : 27 Nov 2017 10:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 04:41:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:04:01 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02071

Manual Integrations APPROVED
Sohil
11/28/2017 3:07:59 PM



(29) Dibenzo(a,h)anthracene

28.911min (+0.000) 19.73ng/ul m SJ 11/29/17

response 549525

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	12.42#
279.00	25.80	24.19
0.00	0.00	0.00

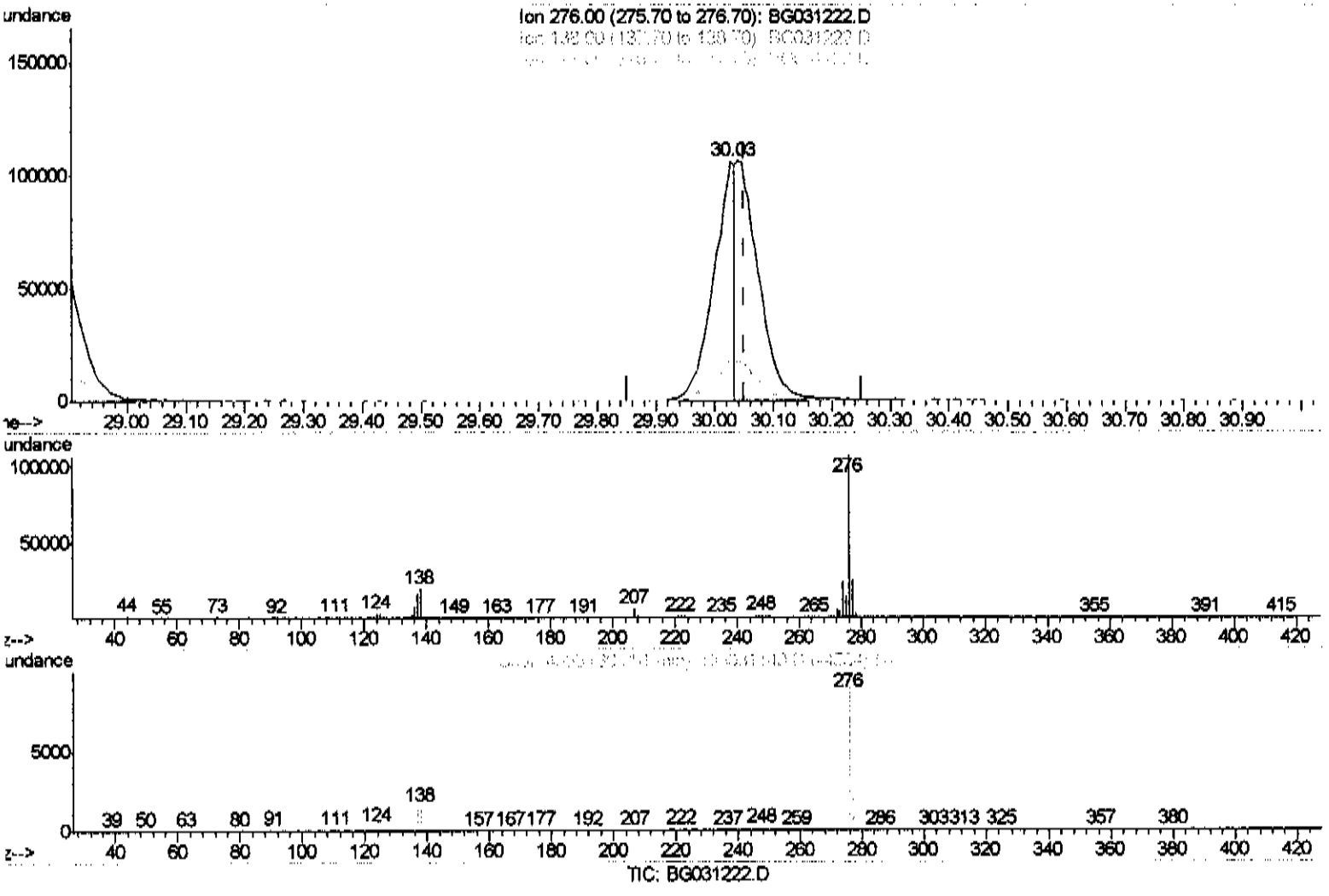
Quantitation Report (Qedit)

Instrument :
BNA_G
LabSampleId :
SSTD02071

Manual Integrations APPROVED
Sohil
11/28/2017 3:07:59 PM

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031222.D
Acq On : 27 Nov 2017 10:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 04:41:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:04:01 2017
Response via : Initial Calibration



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

30.027min (-0.023) 9.59ng/ul

response 268623

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	18.43#
277.00	24.60	23.55
0.00	0.00	0.00

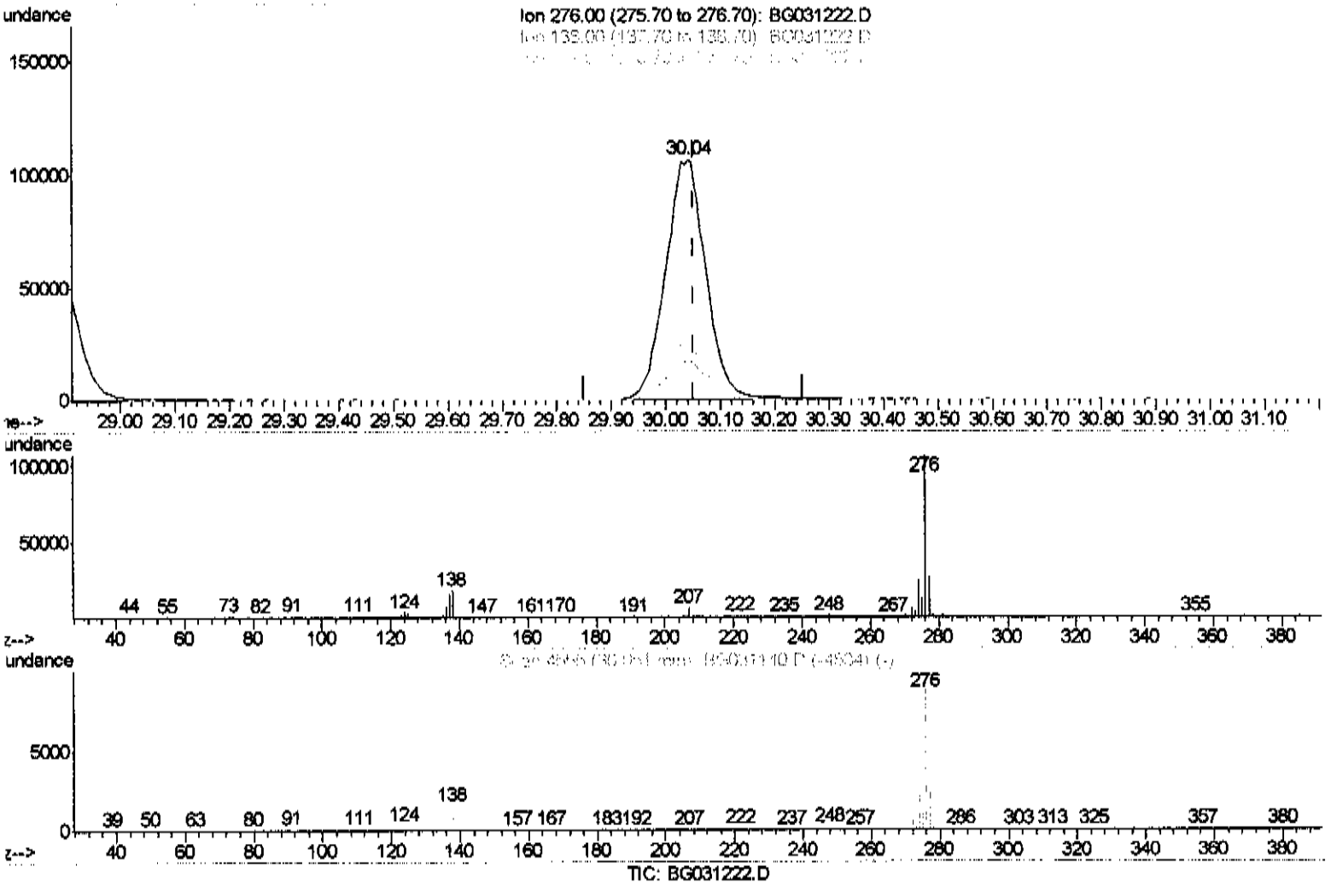
Quantitation Report (Qedit)

Instrument :
BNA_G
LabSampleId :
SSTD02071

Manual Integrations APPROVED
Sohil
11/28/2017 3:07:59 PM

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031222.D
Acq On : 27 Nov 2017 10:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 04:41:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:04:01 2017
Response via : Initial Calibration



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

30.039min (-0.011) 19.58ng/ul m SJ 11/29/17

response 548635

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	16.69#
277.00	24.60	25.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument : BNA_G
LabSampleId : SSTD02071

Manual Integrations APPROVED
Sohil
11/28/2017 3:07:59 PM

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031222.D
Acq On : 27 Nov 2017 10:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 04:48:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:04:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	49157	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	211496	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	144139	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	404058	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	519598	20.00	ng/ul	0.00
23) Perylene-d12	25.07	264	509701	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	71252	17.85	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	293701	19.59	ng/ul	0.00
10) Fluorene-d10	15.74	176	221218	18.37	ng/ul	0.00
15) Anthracene-d10	17.59	188	371042	18.35	ng/ul	0.00
19) Pyrene-d10	19.87	212	491213	20.70	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	476059	18.88	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	11.00	128	201878	19.94	ng/ul	99
5) 2-Methylnaphthalene	12.59	142	160233	19.18	ng/ul	92
8) Acenaphthylene	14.48	152	272381	20.75	ng/ul	97
9) Acenaphthene	14.82	153	190632	20.12	ng/ul	98
11) Fluorene	15.80	166	237945	19.83	ng/ul	97
13) Pentachlorophenol	17.16	266	41517	17.61	ng/uL	98
14) Phenanthrene	17.54	178	423249	19.52	ng/ul	98
16) Anthracene	17.63	178	433764	19.70	ng/ul	99
17) Fluoranthene	19.54	202	592272	19.63	ng/ul#	90
20) Pyrene	19.90	202	603815	21.90	ng/ul#	91
21) Benzo(a)anthracene	21.75	228	640713	20.24	ng/ul	99
22) Chrysene	21.82	228	585134	19.43	ng/ul	98
24) Benzo(b)fluoranthene	24.02	252	618874	20.10	ng/ul#	96
25) Benzo(k)fluoranthene	24.09	252	592285	19.52	ng/ul#	96
27) Benzo(a)pyrene	24.92	252	594989	20.16	ng/ul#	97
28) Indeno(1,2,3-cd)pyrene	28.86	276	661968	19.68	ng/ul#	95
29) Dibenzo(a,h)anthracene	28.91	278	549525m	19.73	ng/ul	
30) Benzo(g,h,i)perylene	30.04	276	548635m	19.58	ng/ul	

SJ 11/29/17

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