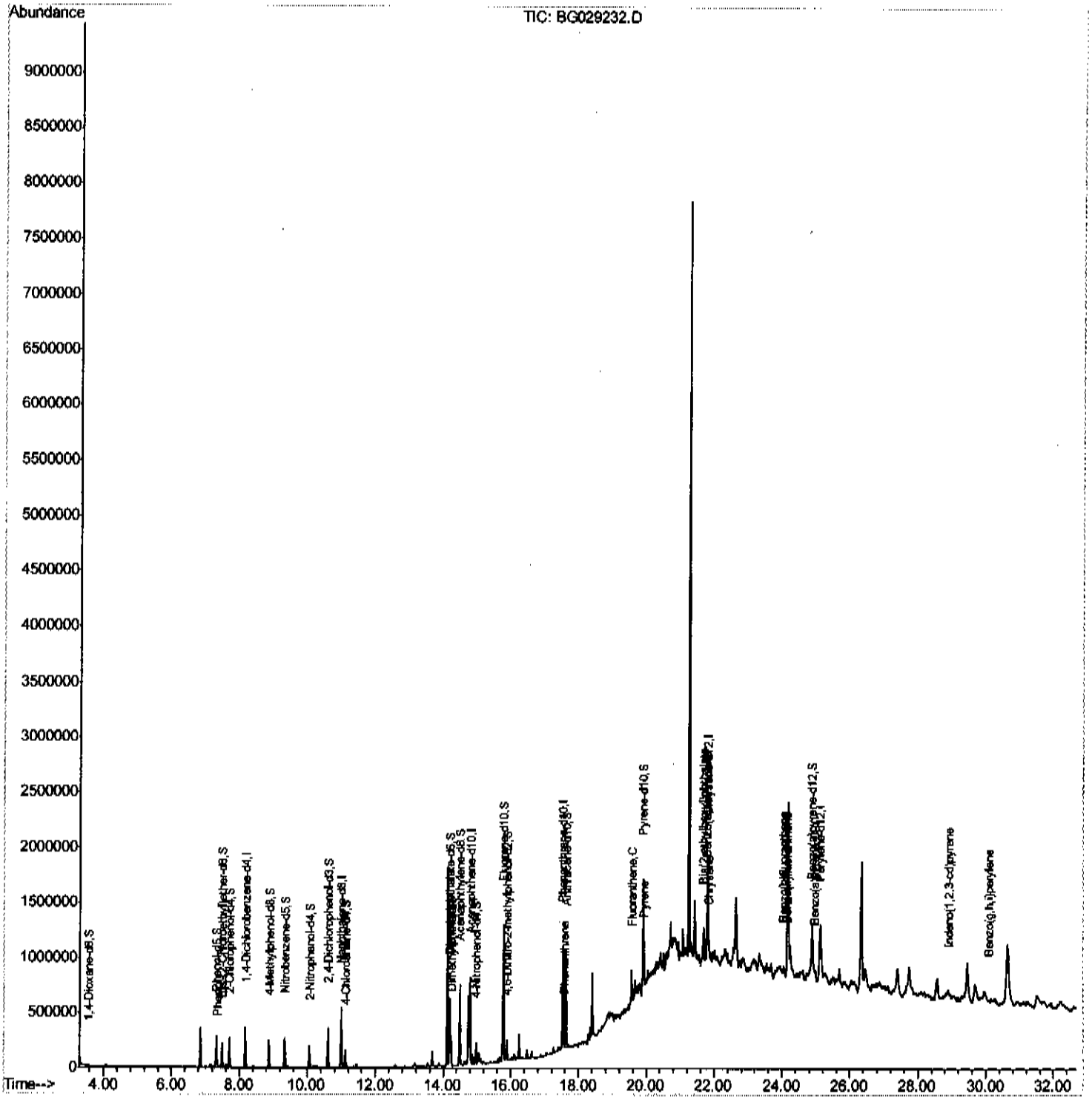
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 02:36:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB4

Manual Integrations APPROVED
Sohil
10/16/2017 7:43:38 PM



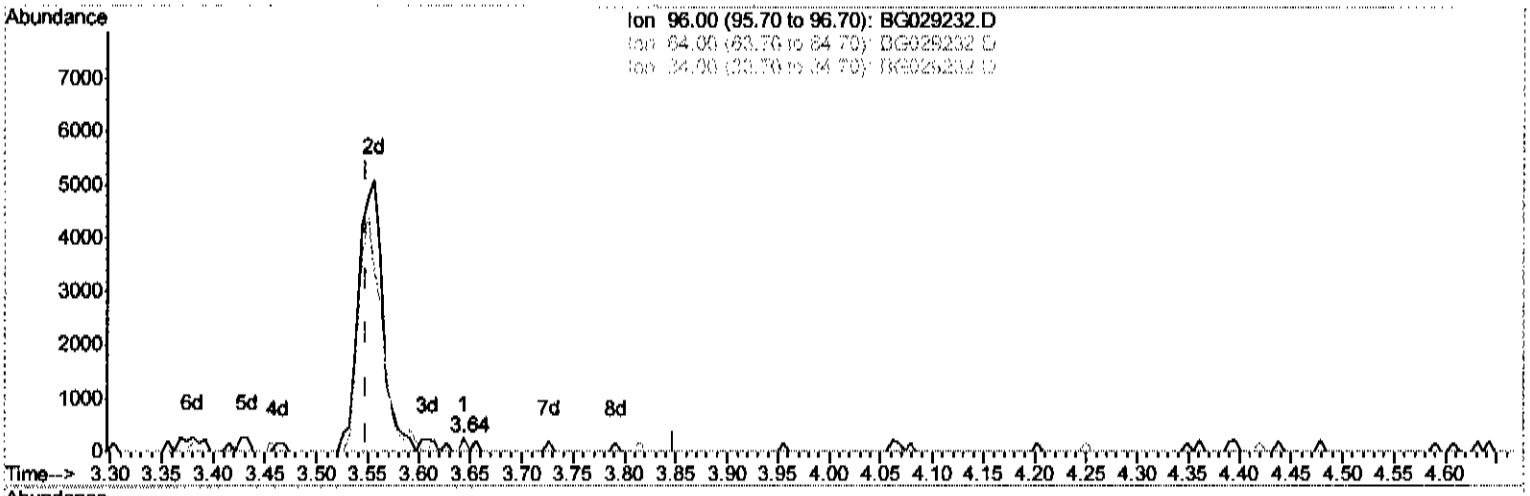
Quantitation Report (Qedit)

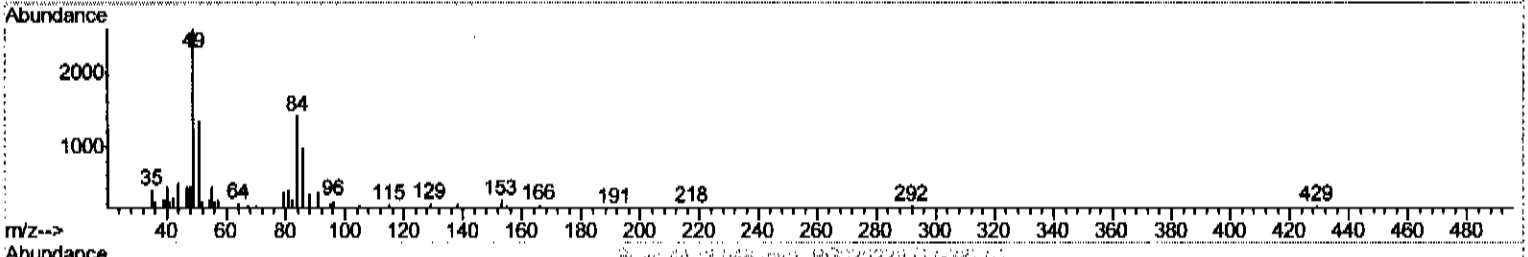
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

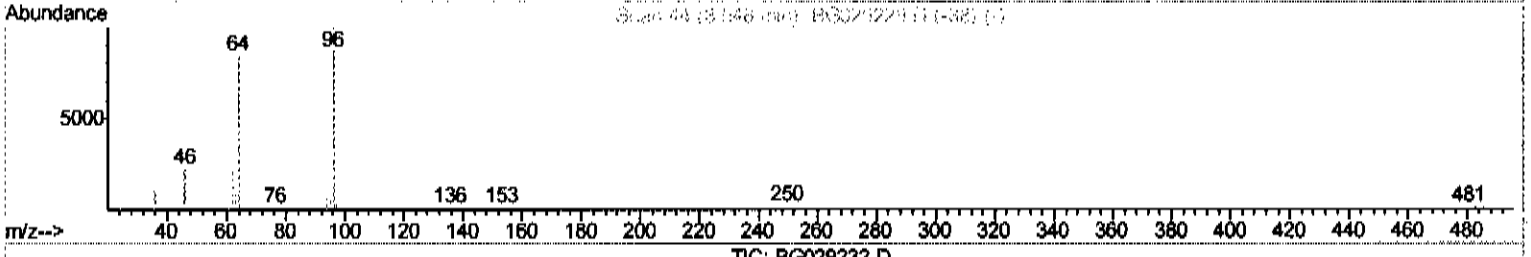
Quant Time: Oct 15 01:40:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB4

Manual Integrations APPROVED
Sohil
10/16/2017 7:43:38 PM







TIC: BG029232.D

(3) 1,4-Dioxane-d8 (S)

3.644min (+0.096) 0.07ng/uL

response 168

Ion	Exp%	Act%
96.00	100	100
64.00	90.40	83.78
34.00	0.00	0.00
0.00	0.00	0.00

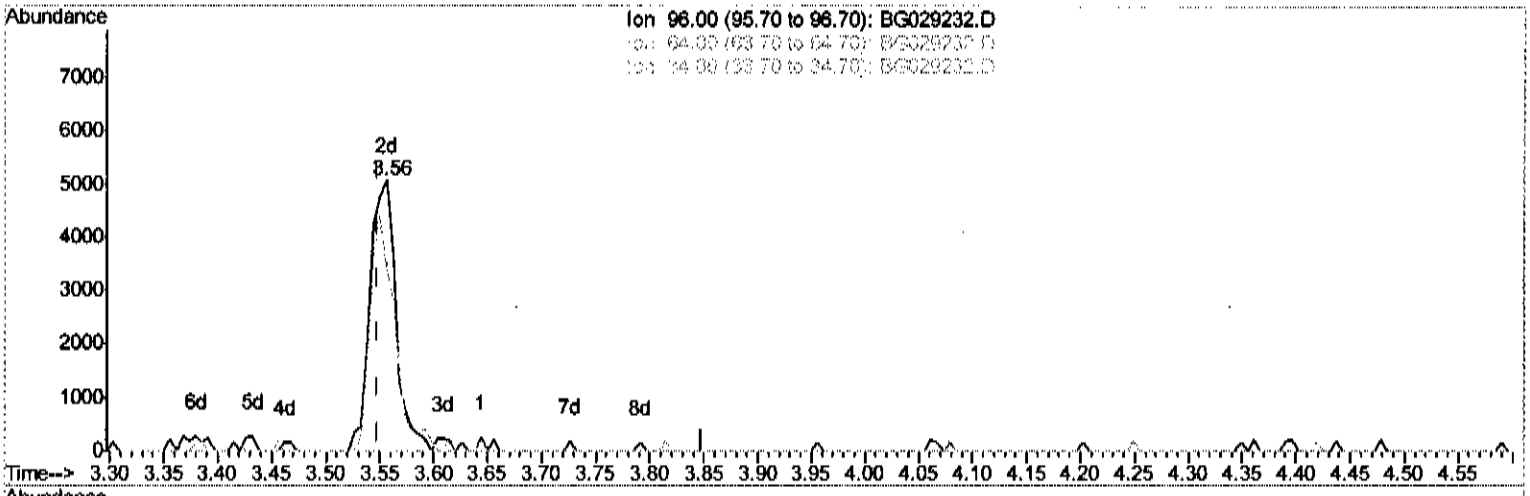
Quantitation Report (Qedit)

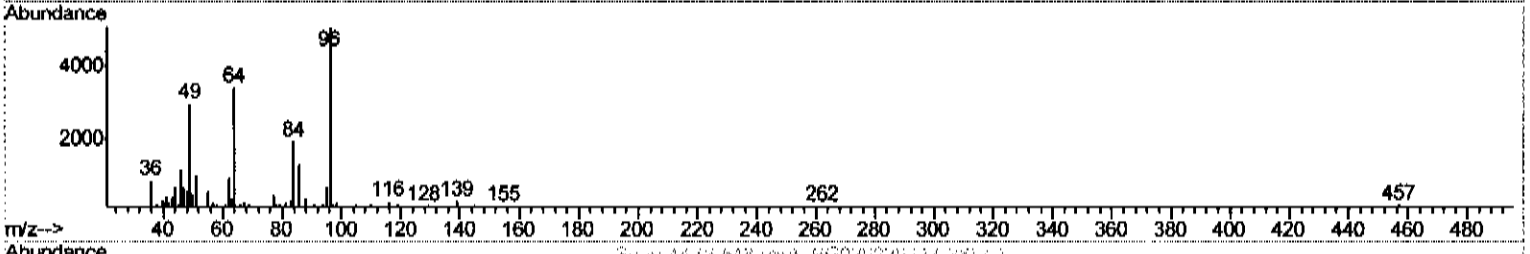
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

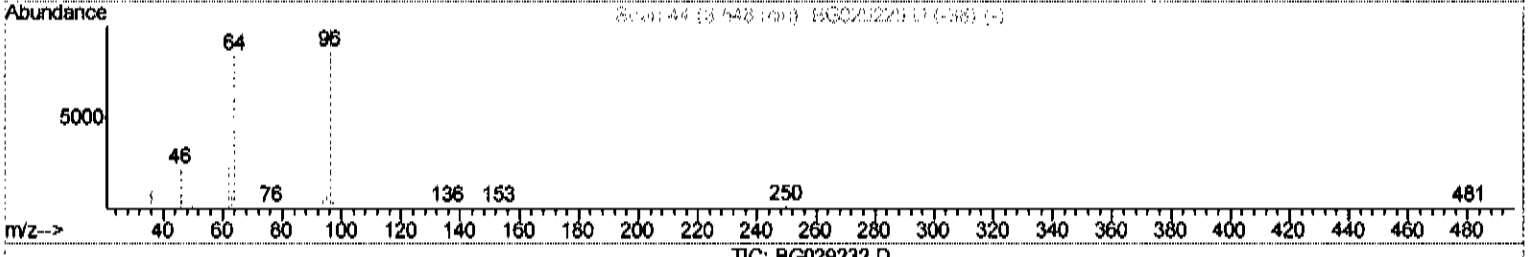
Quant Time: Oct 15 01:40:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB4

Manual Integrations APPROVED
Sohil
10/16/2017 7:43:38 PM







TIC: BG029232.D

(3) 1,4-Dioxane-d8 (S)

3.556min (+0.008) 3.24ng/uL m JU 10/16/17

response 8339

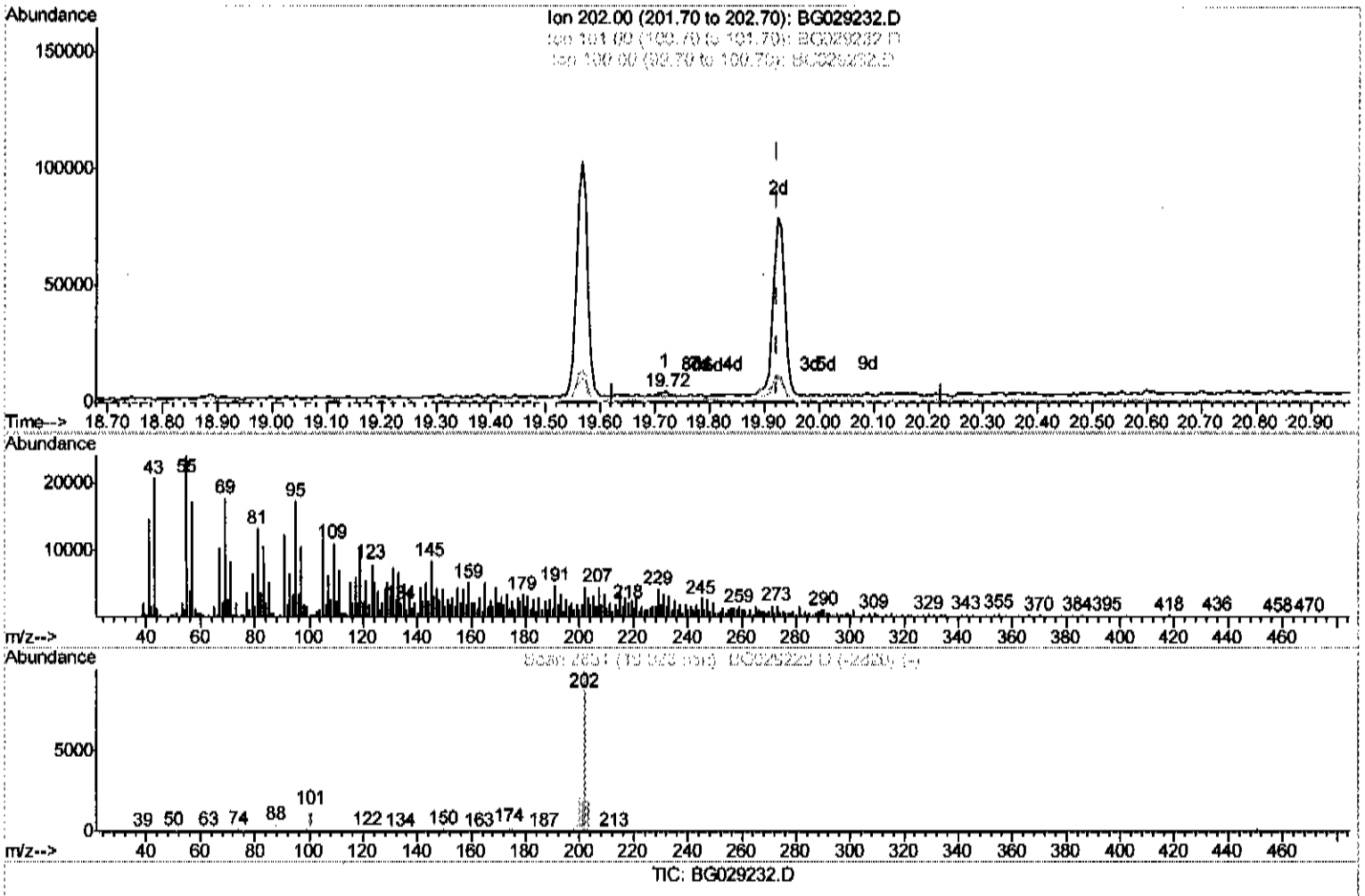
Ion	Exp%	Act%
96.00	100	100
64.00	90.40	66.96#
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 02:30:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB4

Manual Integrations APPROVED
Sohil
10/16/2017 7:43:38 PM



(77) Pyrene

19.719min (-0.204) 0.12ng/ul

response 3805

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	11.19
100.00	8.80	7.45
0.00	0.00	0.00

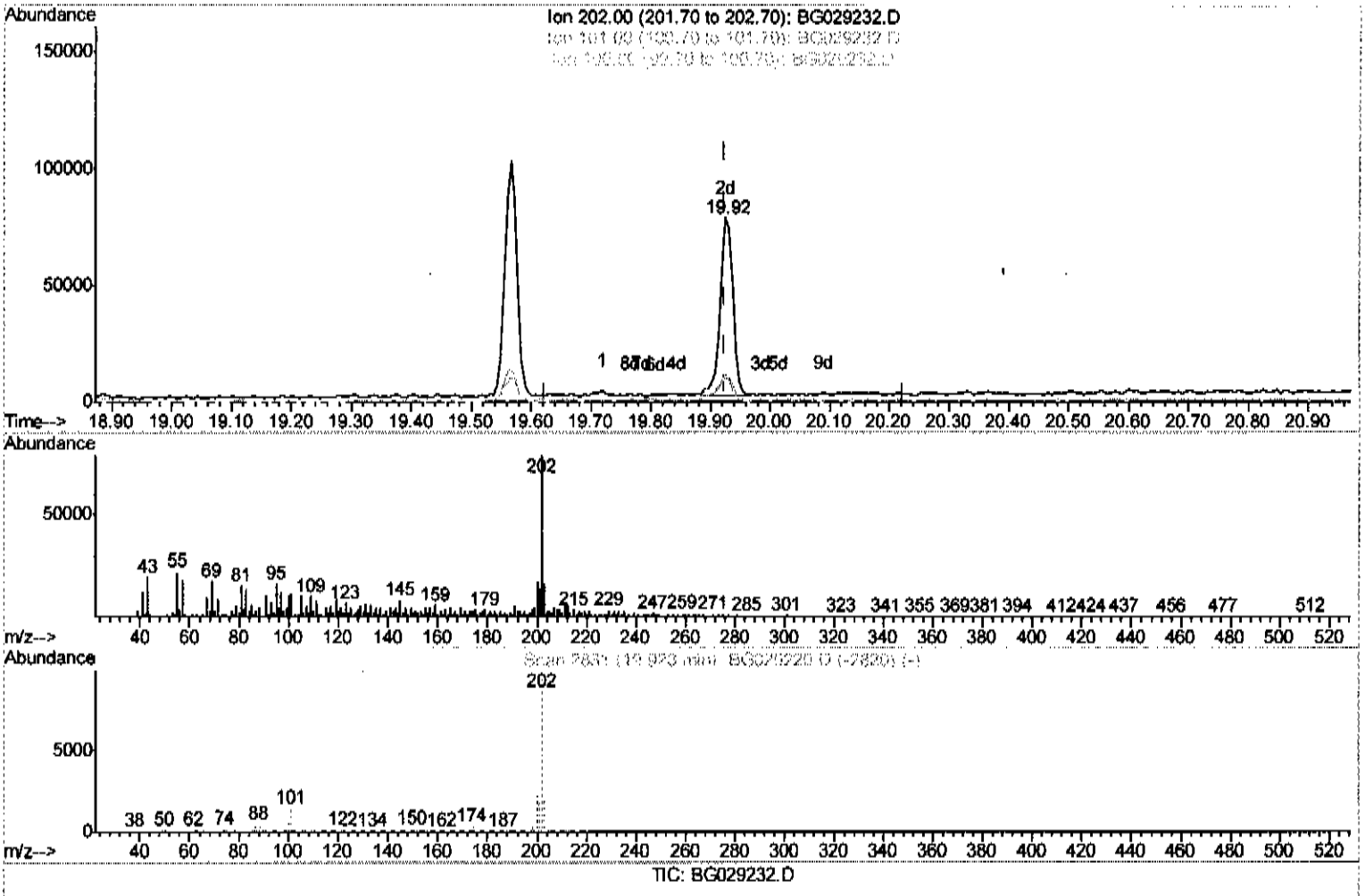
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 02:30:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB4

Manual Integrations APPROVED
Sohil
10/16/2017 7:43:38 PM



TIC: BG029232.D

(77) Pyrene

19.925min (+0.002) 3.54ng/ul m

JU 10/16/17

response 112881

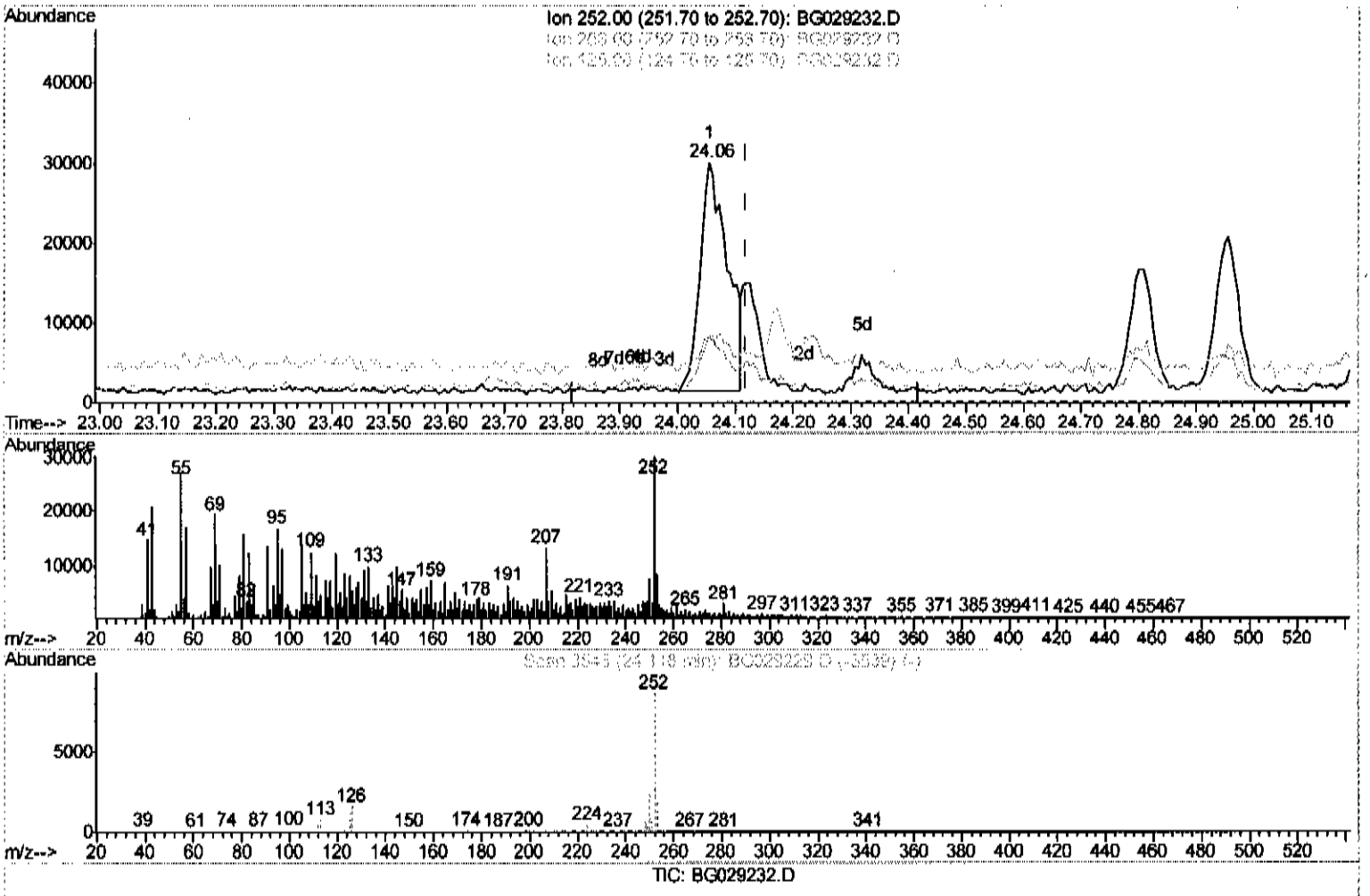
Ion	Exp%	Act%
202.00	100	100
101.00	10.50	14.90#
100.00	8.80	14.05#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 02:34:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB4

Manual Integrations APPROVED
Sohil
10/16/2017 7:43:38 PM



TIC: BG029232.D

(86) Benzo(k)fluoranthene

24.055min (-0.063) 3.45ng/ul

response 94394

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	27.49#
125.00	9.80	27.00#
0.00	0.00	0.00

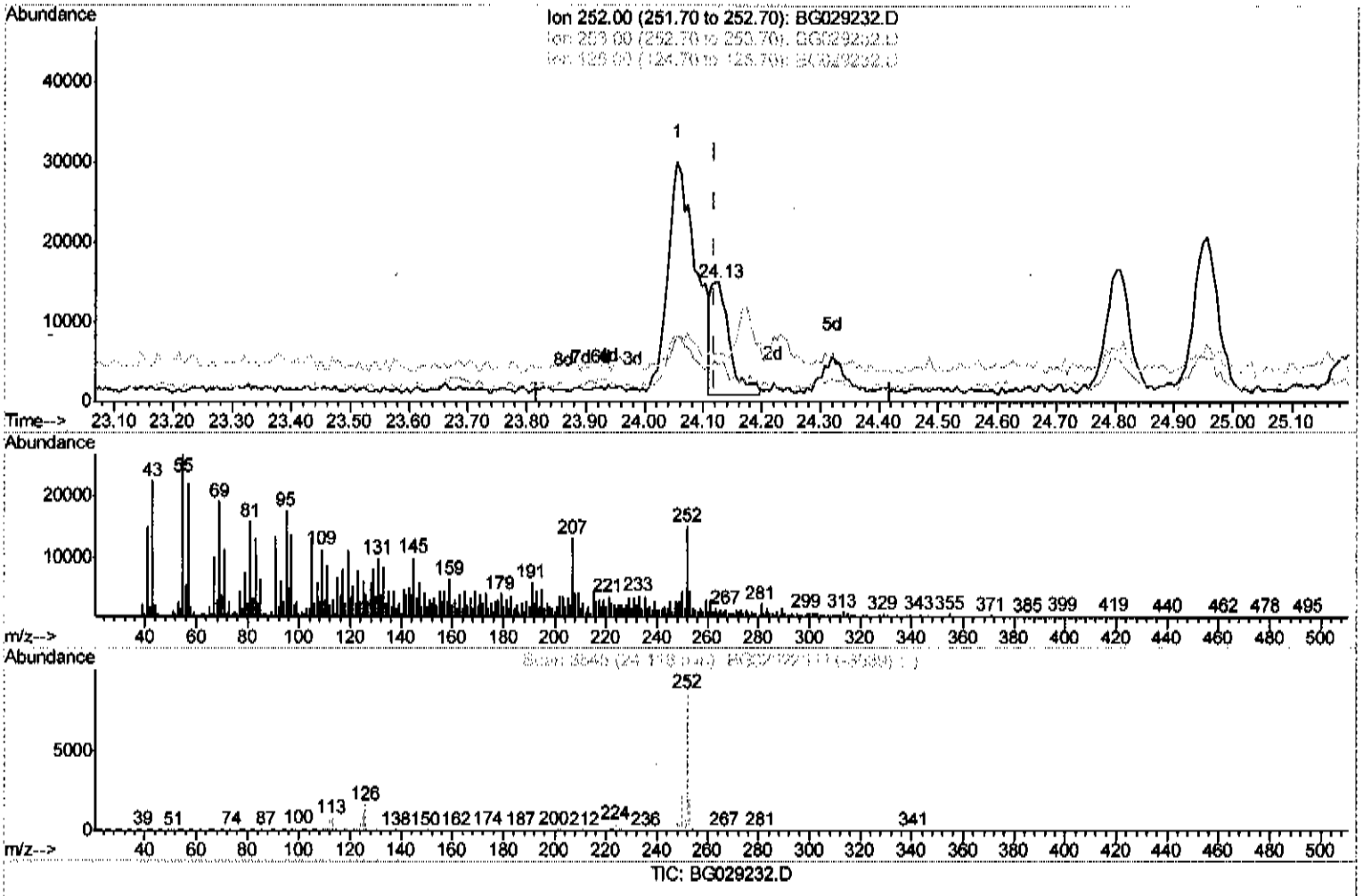
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 02:34:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB4

Manual Integrations APPROVED
Sohil
10/16/2017 7:43:38 PM



TIC: BG029232.D

(86) Benzo(k)fluoranthene

24.126min (+0.008) 1.14ng/ul m

response 31337

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	30.13#
125.00	9.80	40.68#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029232.D
Acq On : 14 Oct 2017 20:53
Operator : SJ/JU
Sample : I5548-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Manual Integrations
APPROVED
Sohil
10/16/2017 7:43:38 PM

Quant Time: Oct 15 02:36:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	104476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	464115	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	268000	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	559601	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	475281	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	471656	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	8339m	3.24	ng/uL	0.00
5) Phenol-d5	7.32	99	170617	17.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	110673	17.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	129383	18.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	97293	12.01	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	65165	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	70321	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	133567	17.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	93957	10.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	418971	18.29	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	551806	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	50136	11.85	ng/ul	0.00
57) Fluorene-d10	15.78	176	360542	19.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	38836	14.22	ng/ul	0.00
70) Anthracene-d10	17.63	188	498768	18.85	ng/ul	0.00
76) Pyrene-d10	19.90	212	485932	19.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	416241	18.63	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.35	94	23800	2.29	ng/ul	95
44) Dimethylphthalate	14.23	163	178472	7.99	ng/ul#	99
69) Phenanthrene	17.57	178	55832	1.85	ng/ul	97
74) Fluoranthene	19.57	202	143261	4.24	ng/ul#	90
77) Pyrene	19.92	202	112881m	3.54	ng/ul	95
80) Benzo(a)anthracene	21.78	228	59438	2.00	ng/ul#	95
81) Bis(2-ethylhexyl)phthalate	21.68	149	107572	5.75	ng/ul	97
82) Chrysene	21.85	228	66432	2.45	ng/ul#	93
85) Benzo(b)fluoranthene	24.06	252	94394	3.33	ng/ul#	76
86) Benzo(k)fluoranthene	24.13	252	31337m	1.14	ng/ul	71
88) Benzo(a)pyrene	24.95	252	57995	2.10	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	28.90	276	41992	1.35	ng/ul#	54
91) Benzo(g,h,i)perylene	30.08	276	34456	1.33	ng/ul#	

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