

Quantitation Report (QT Reviewed)

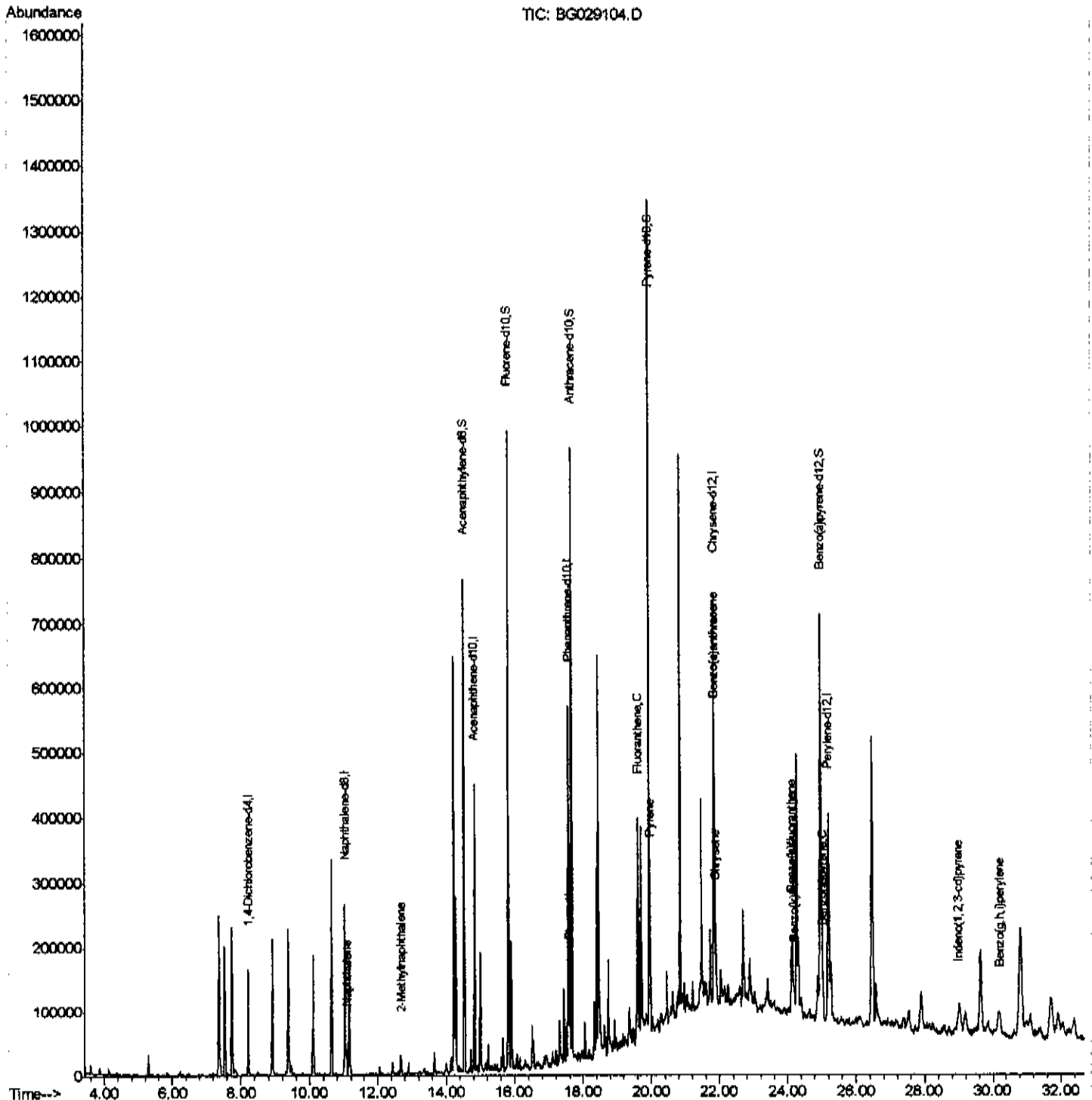
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 05:02:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

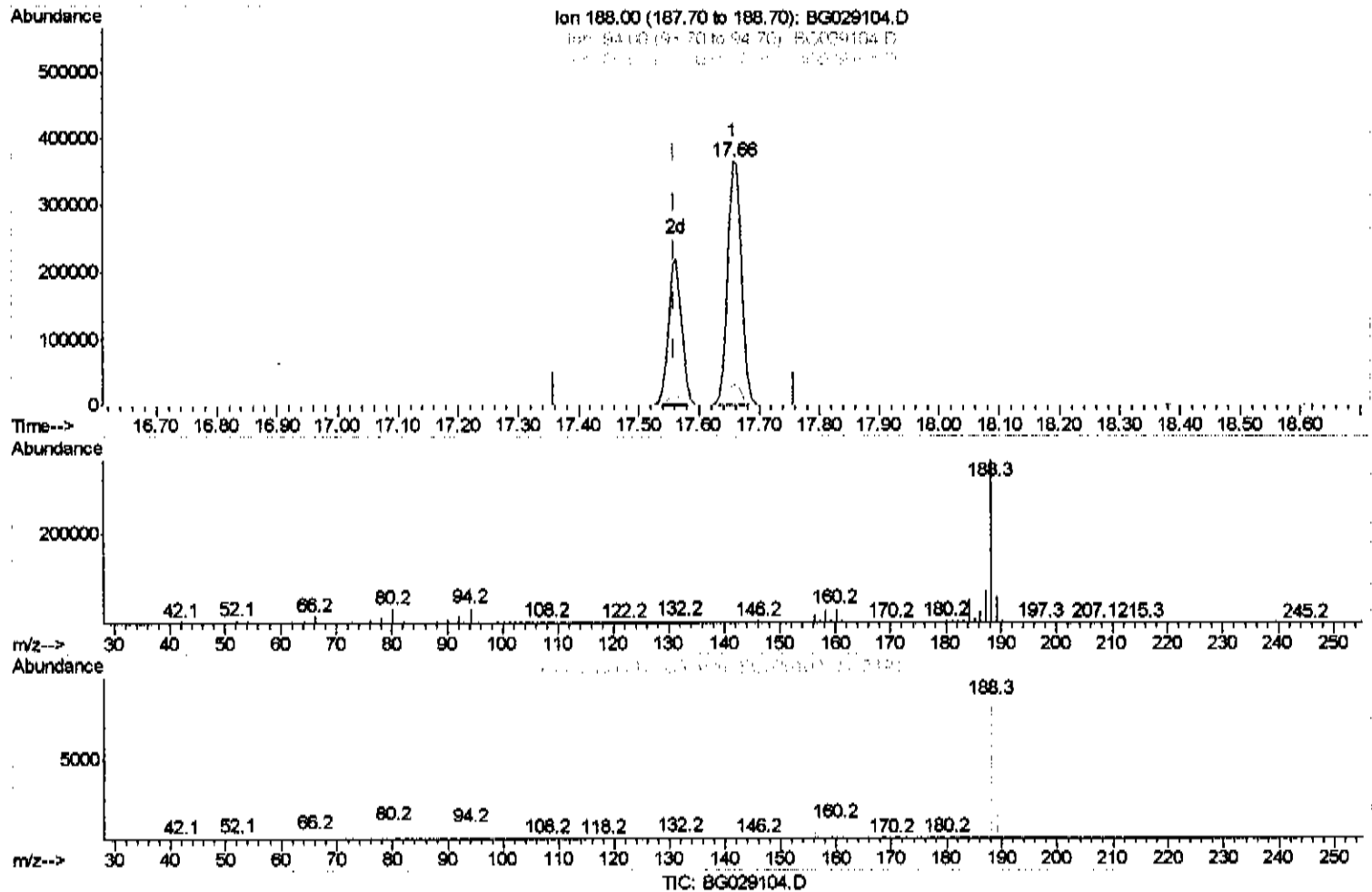
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 04:46:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(12) Phenanthrene-d10 (I)

17.656min (+0.097) 20.00ng/ul

response 583782

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	9.26
80.00	10.60	8.58
0.00	0.00	0.00

Quantitation Report (Qedit)

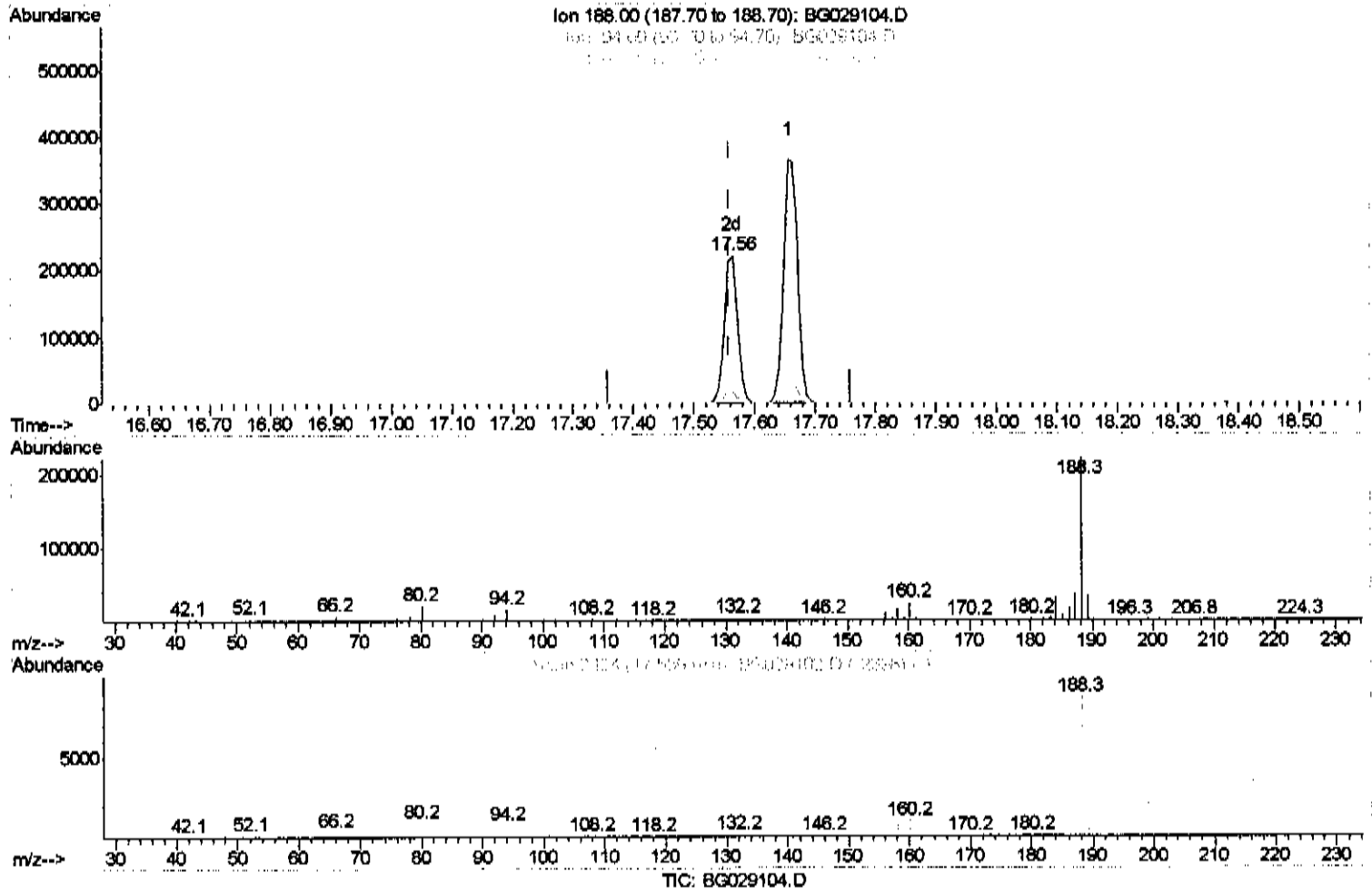
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 04:46:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(12) Phenanthrene-d10 (I)

17.562min (+0.003) 20.00ng/ul m

response 339496

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	7.16%
80.00	10.60	9.08
0.00	0.00	0.00

Quantitation Report (Qedit)

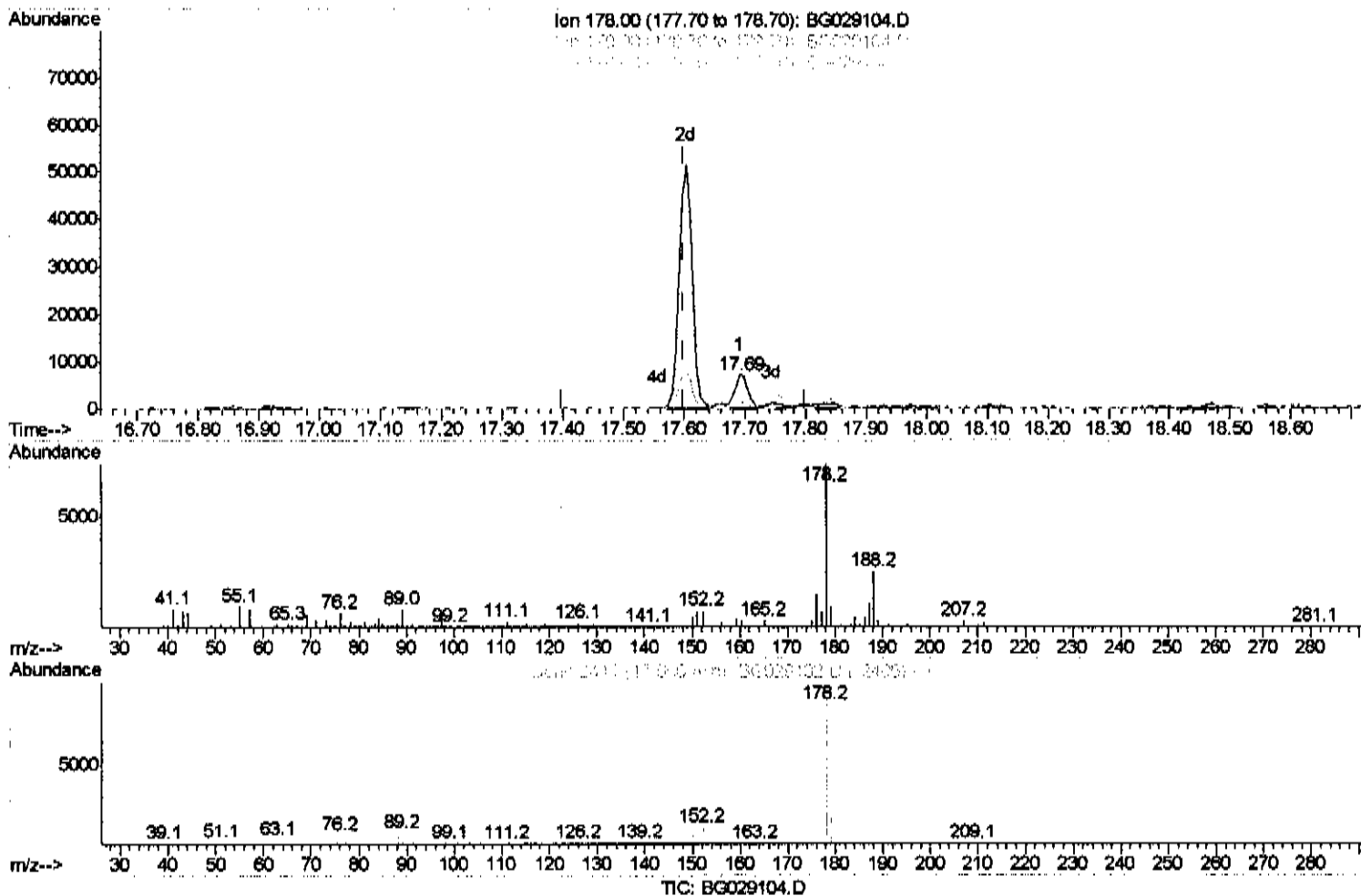
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 04:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(13) Phenanthrene

17.691min (+0.091) 0.66ng/ul

response 11896

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	13.86
176.00	18.90	21.43
0.00	0.00	0.00

Quantitation Report (Qedit)

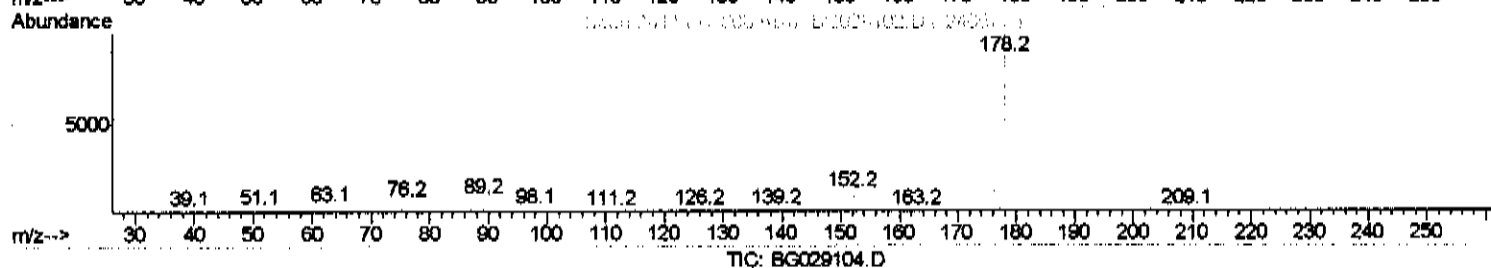
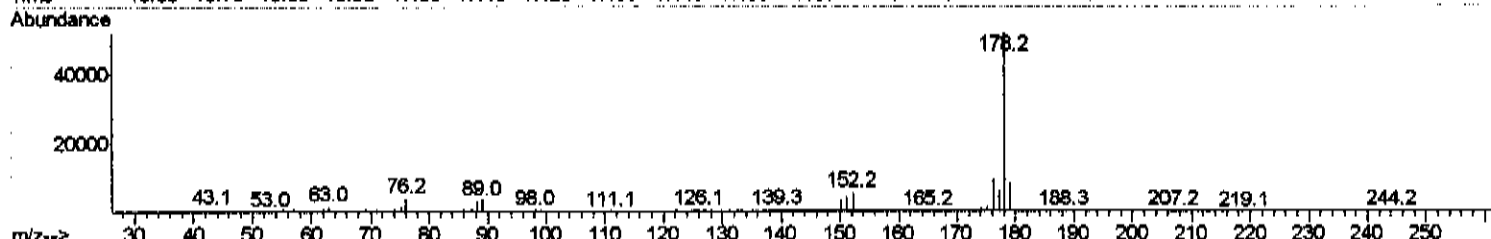
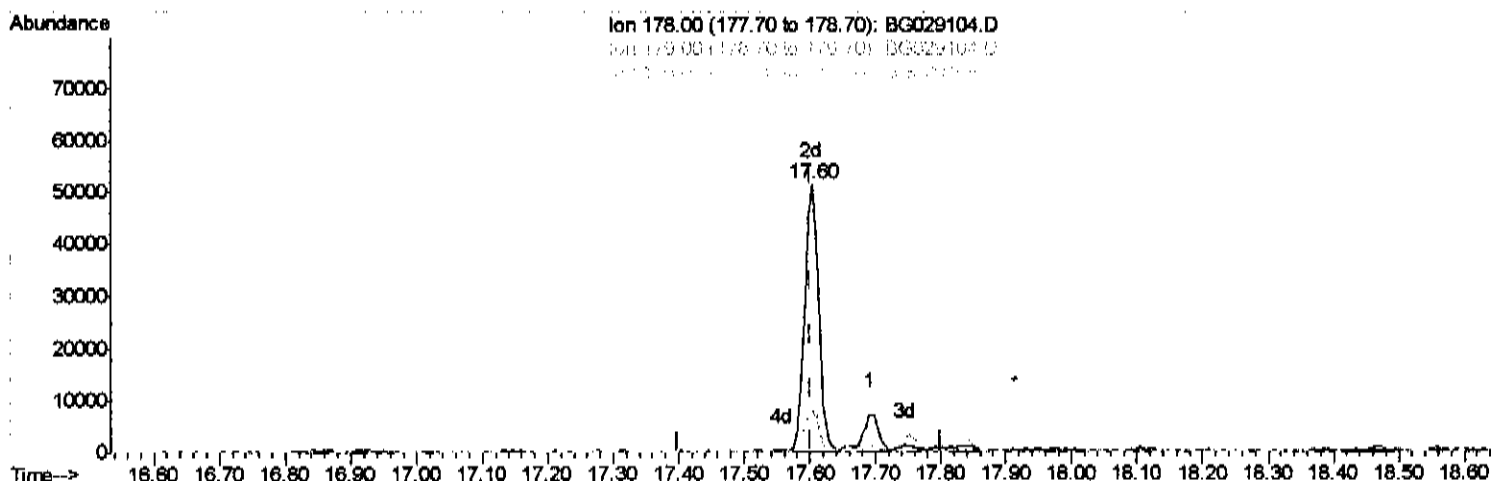
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 04:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(13) Phenanthrene

17.603min (+0.003) 4.29ng/ul m

response 77711

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.40
176.00	18.90	18.71
0.00	0.00	0.00

Quantitation Report (Qedit)

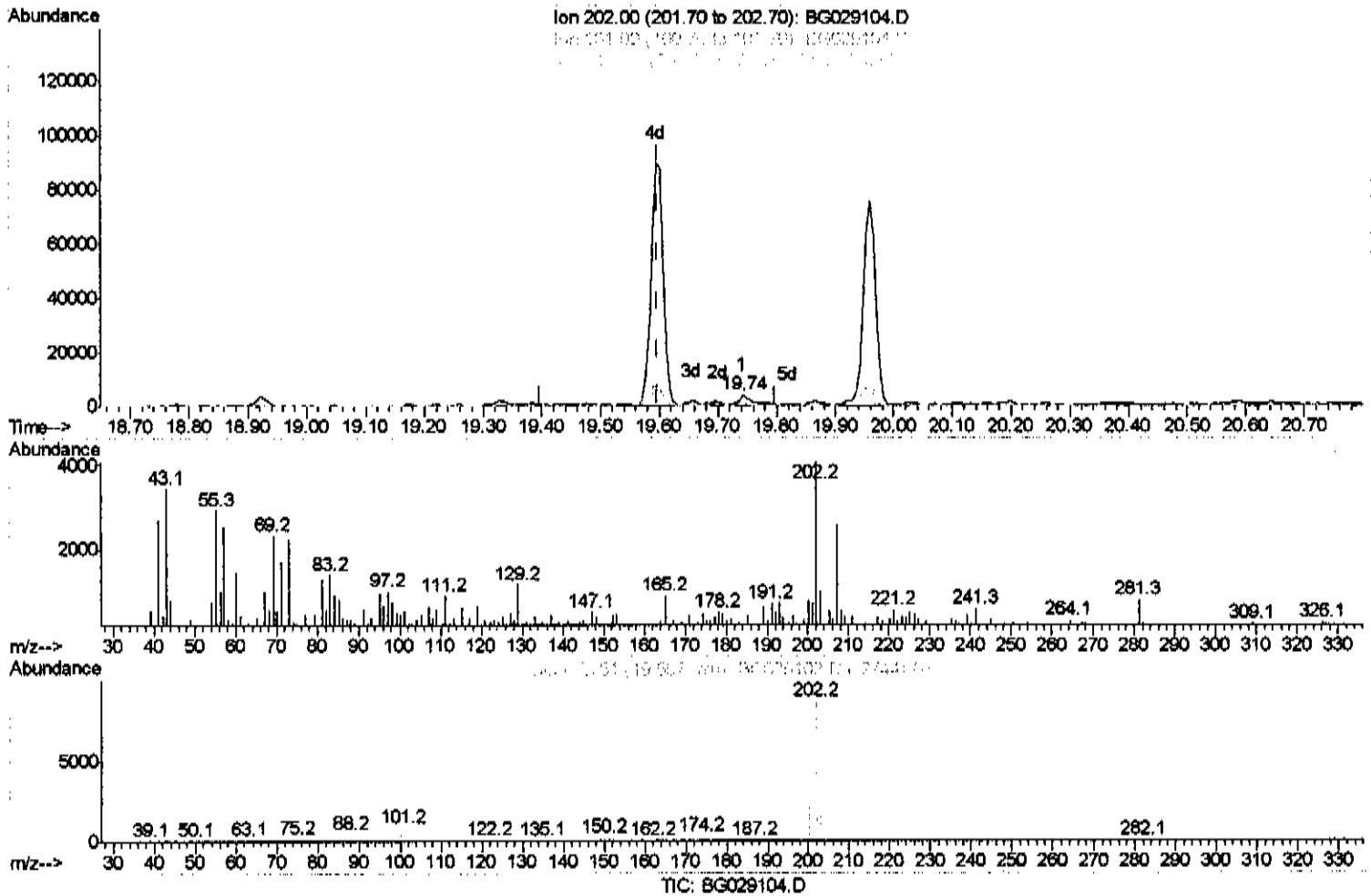
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 04:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(16) Fluoranthene (C)

19.741min (+0.144) 0.26ng/ul

response 5471

Ion	Exp%	Act%
202.00	100	100
101.00	12.40	12.27
100.00	9.20	10.42
0.00	0.00	0.00

Quantitation Report (Qedit)

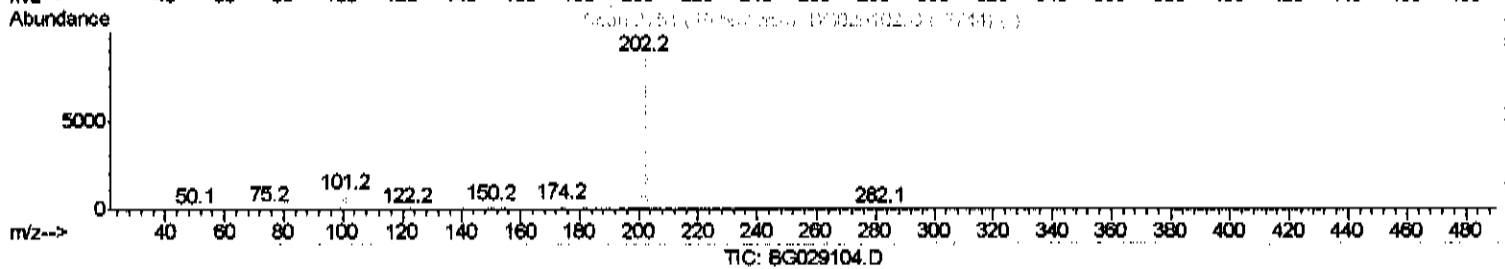
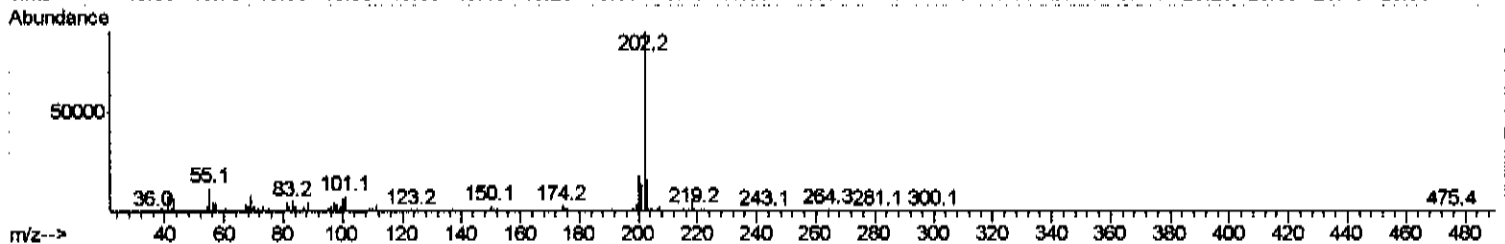
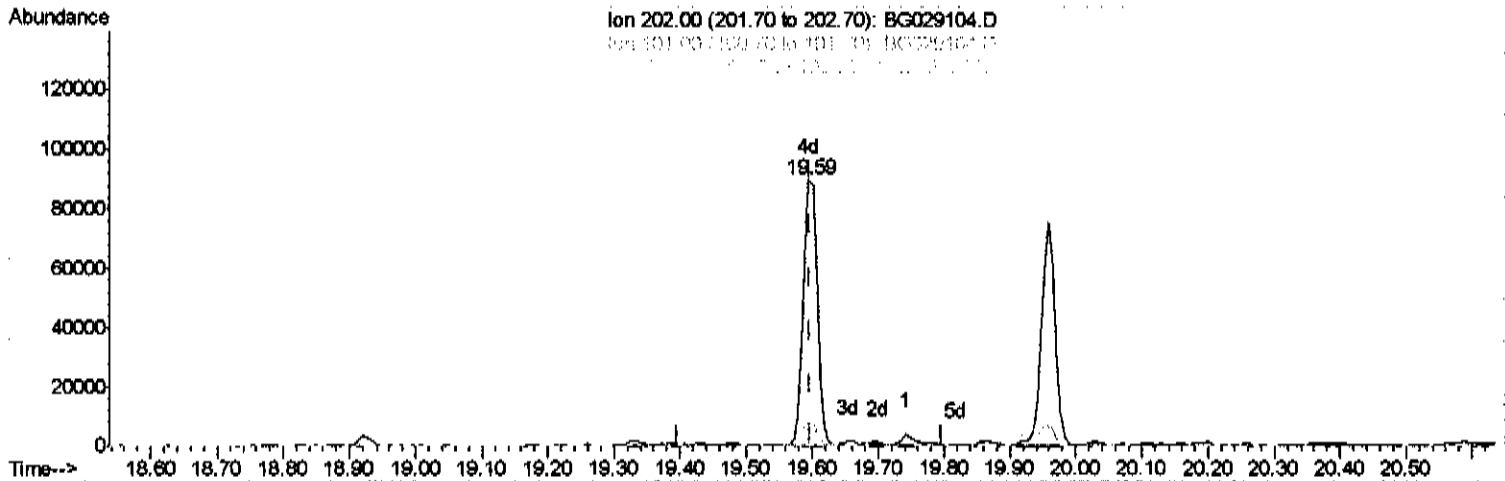
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 04:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(16) Fluoranthene (C)

19.595min (-0.003) 6.27ng/ul m

response 133166

Ion	Exp%	Act%
202.00	100	100
101.00	12.40	8.48%
100.00	9.20	7.30%
0.00	0.00	0.00

Quantitation Report (Qedit)

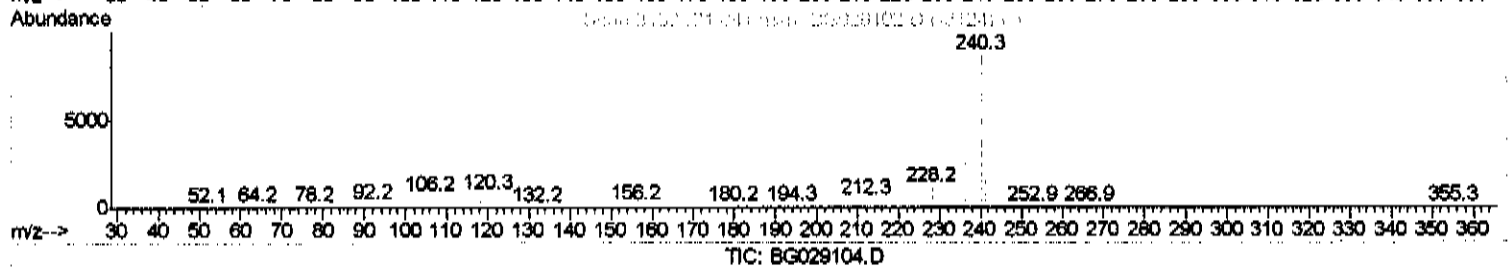
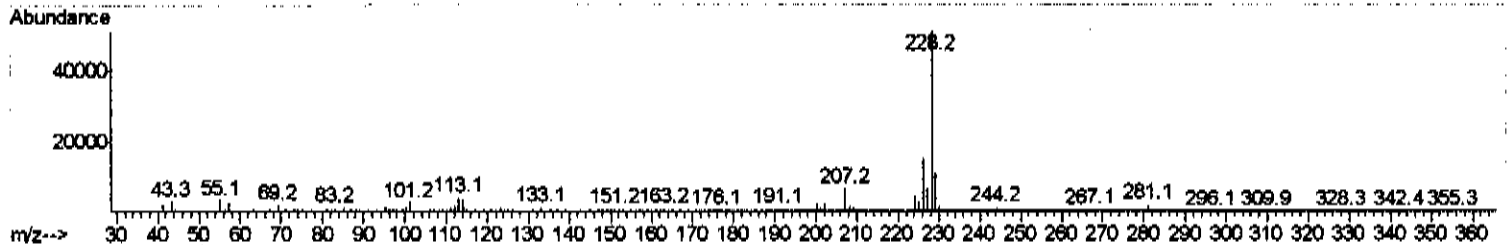
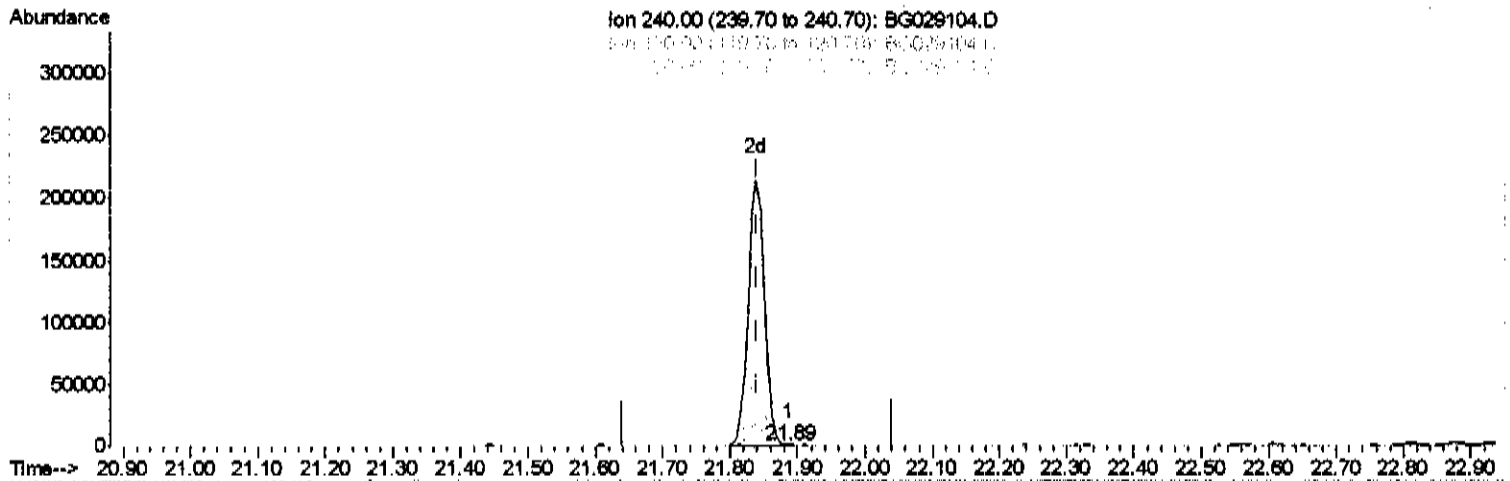
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 04:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(17) Chrysene-d12 (I)

21.886min (+0.044) 20.00ng/ul

response 595

Ion	Exp%	Act%
240.00	100	100
120.00	10.20	49.06#
236.00	27.20	64.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

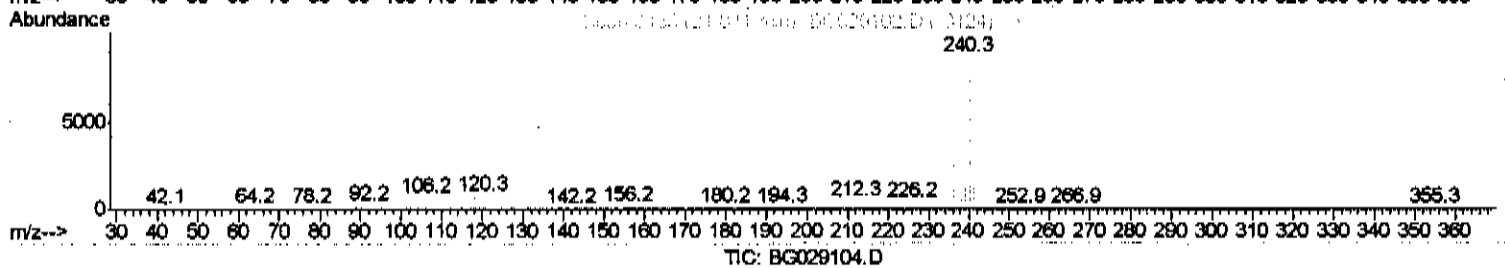
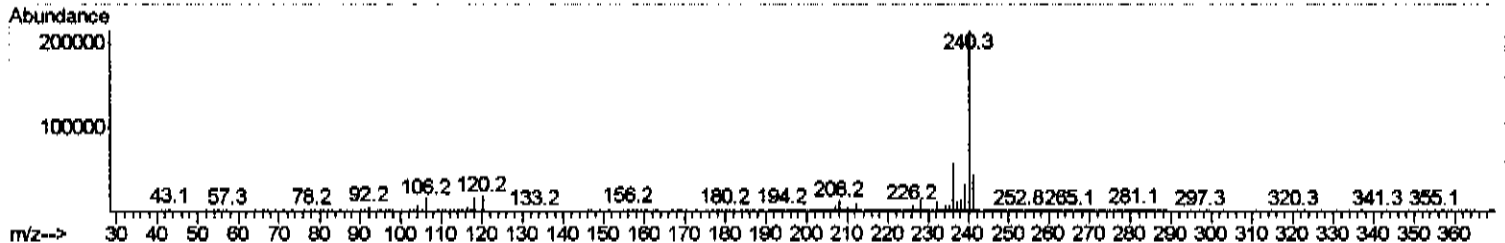
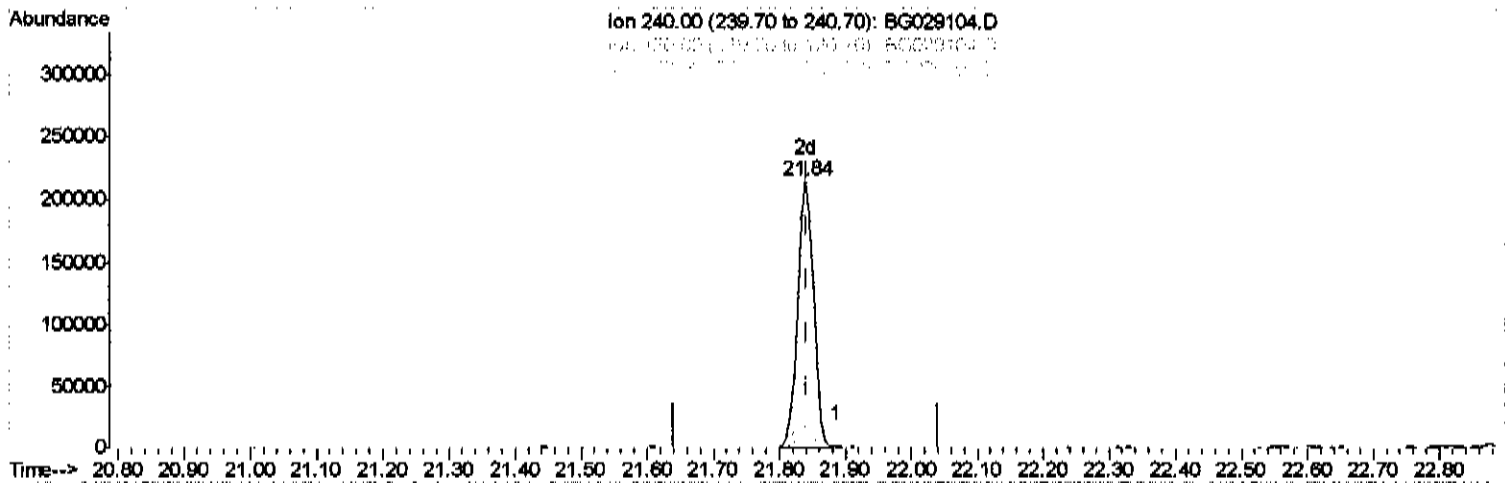
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 04:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(17) Chrysene-d12 (I)

21.839min (-0.003) 20.00ng/ul m

response 362735

Ion	Exp%	Act%
240.00	100	100
120.00	10.20	8.05%
236.00	27.20	25.88
0.00	0.00	0.00

Quantitation Report (Qedit)

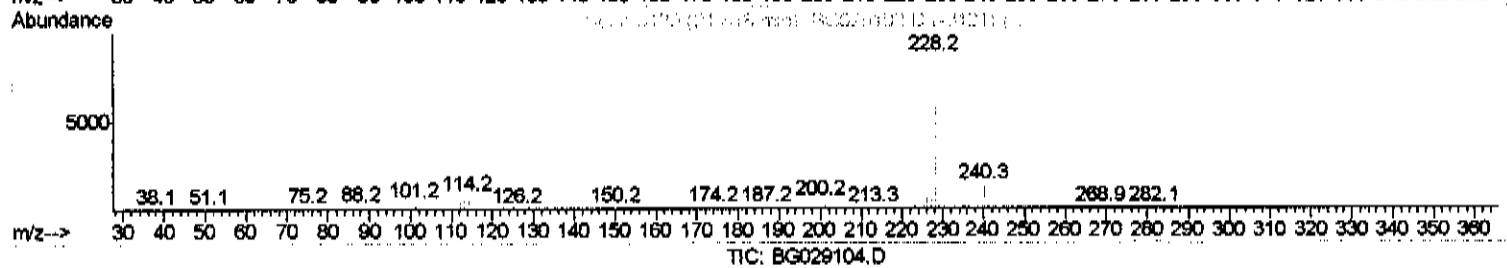
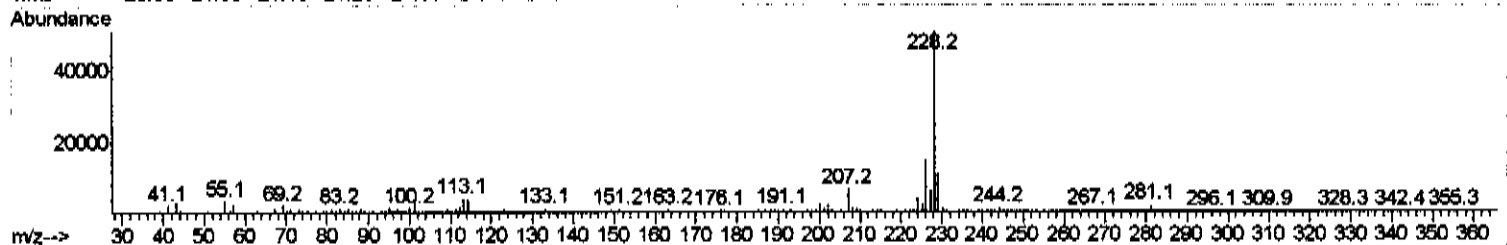
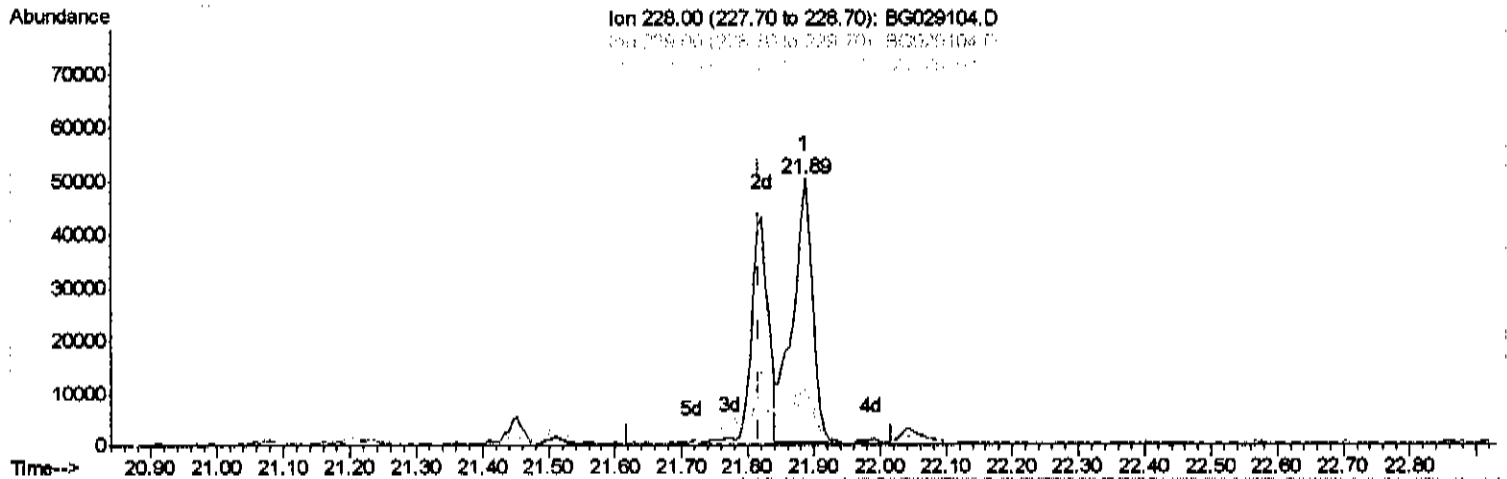
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 05:00:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(20) Benzo(a)anthracene
 21.886min (+0.068) 4.96ng/ui
 response 106010

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.56
226.00	26.40	29.68
0.00	0.00	0.00

Quantitation Report (Qedit)

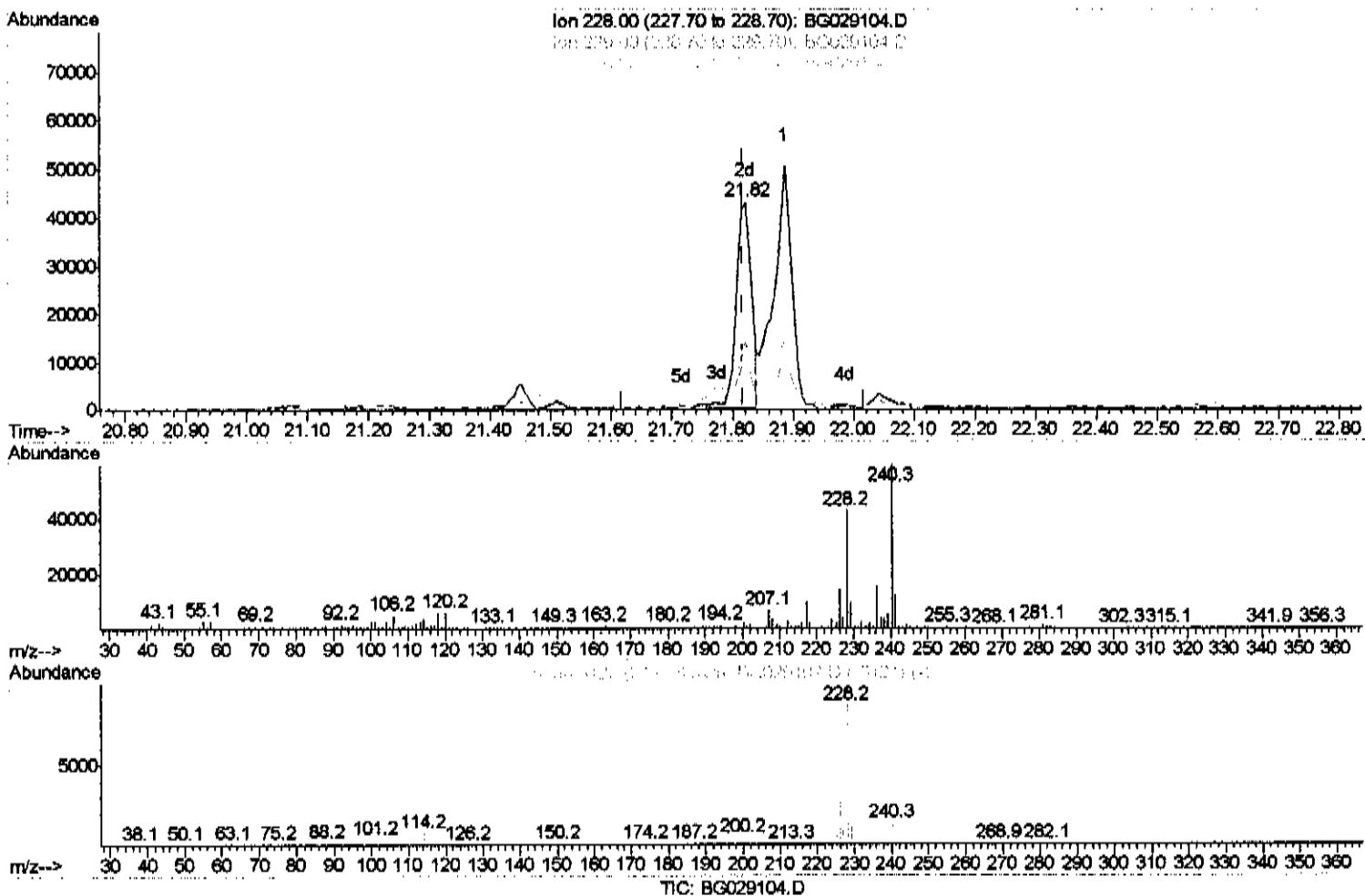
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 05:00:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 OLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(20) Benzo(a)anthracene

21.821min (+0.003) 3.52ng/ul m

response 75227

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.95
226.00	26.40	33.33%
0.00	0.00	0.00

Quantitation Report (Qedit)

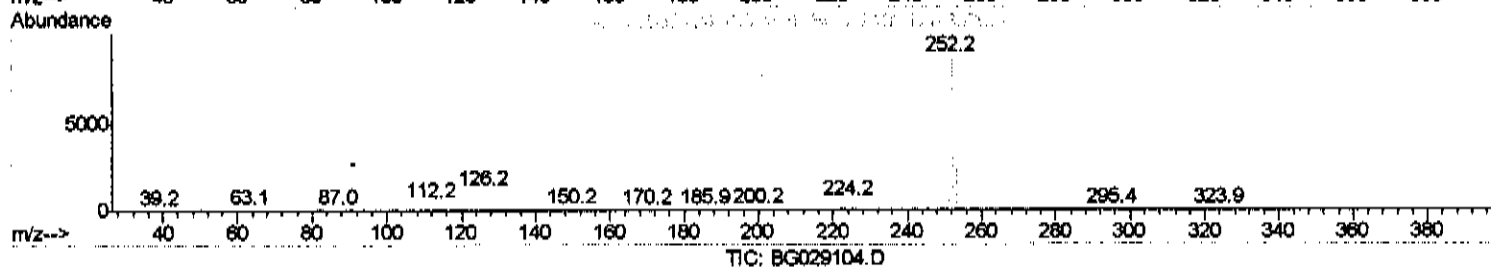
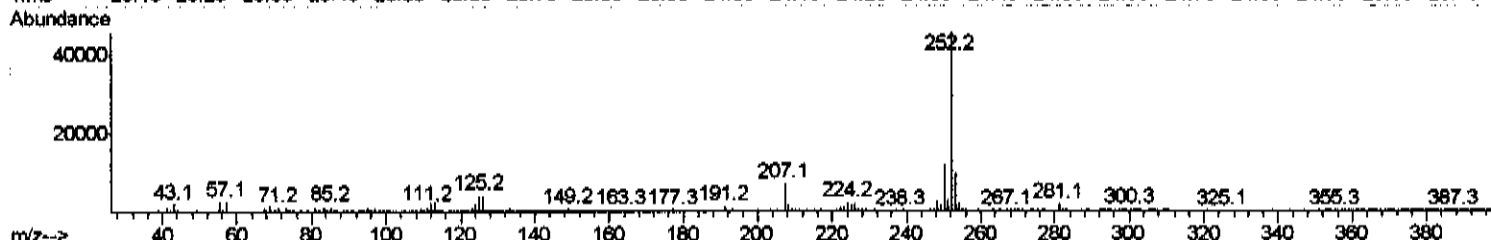
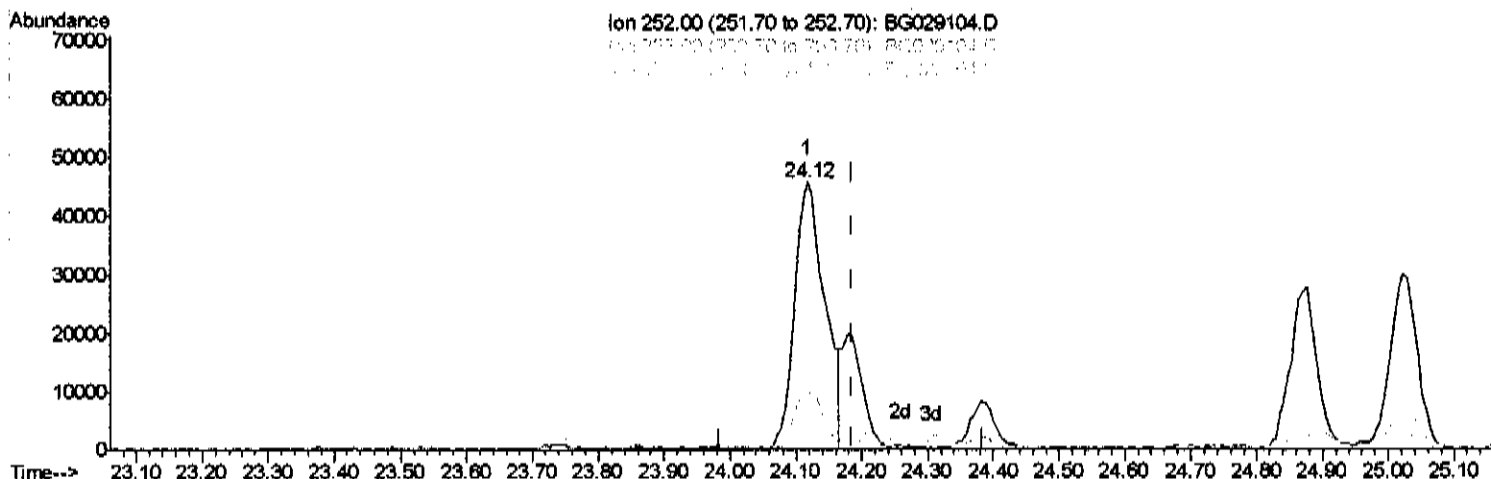
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 05:00:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

24.118min (-0.067) 6.69ng/ul

response 146179

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.71
125.00	10.10	9.37
0.00	0.00	0.00

Quantitation Report (Qedit)

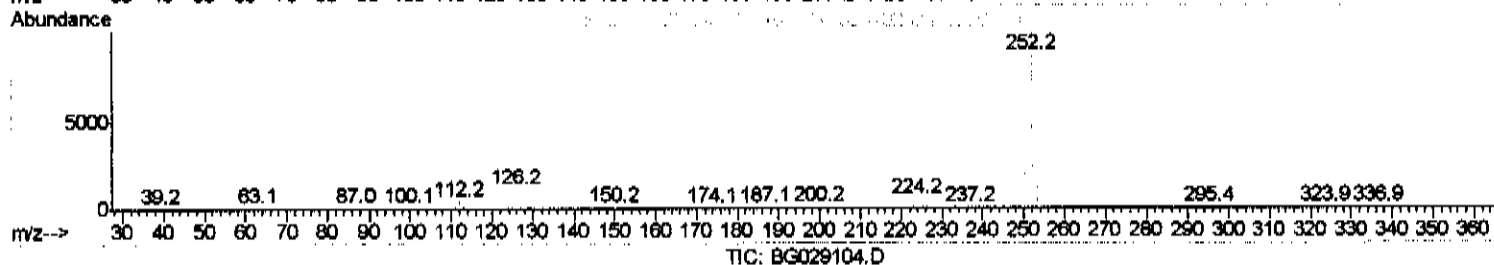
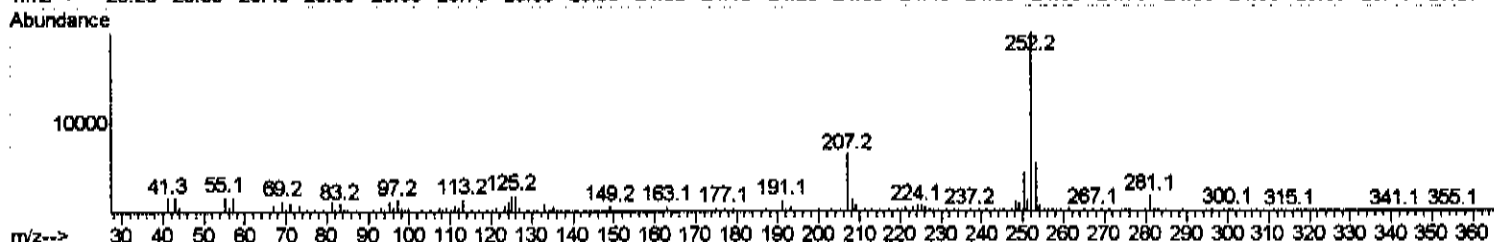
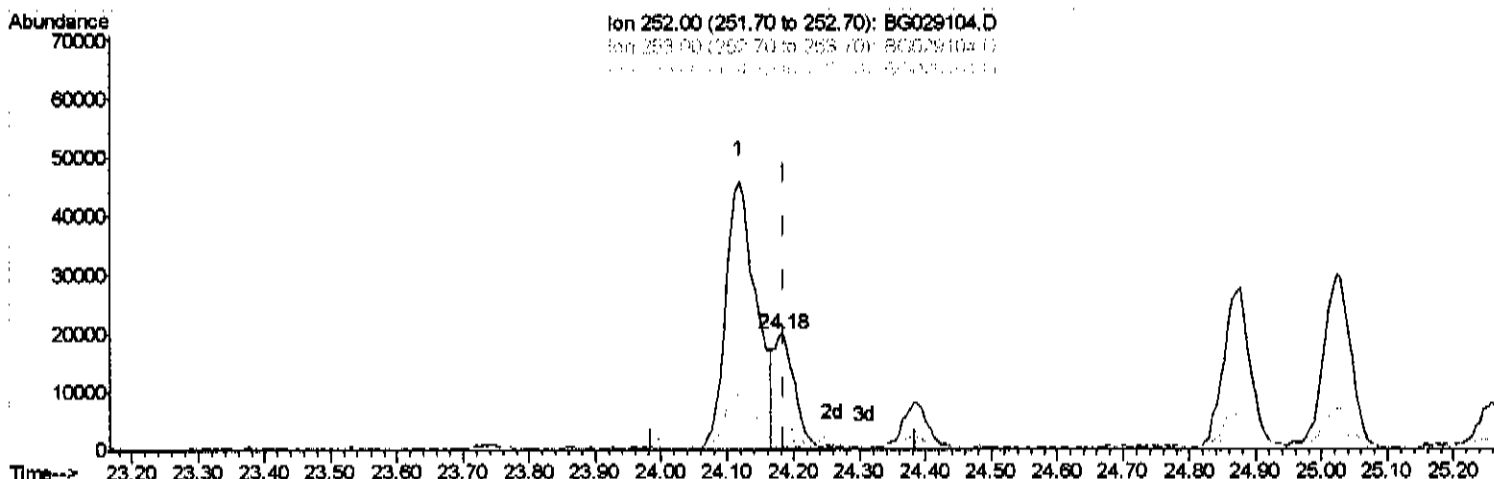
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 05:00:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

24.183min (-0.003) 1.92ng/ul m

response 41955

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.48#
125.00	10.10	9.84
0.00	0.00	0.00

Quantitation Report (Qedit)

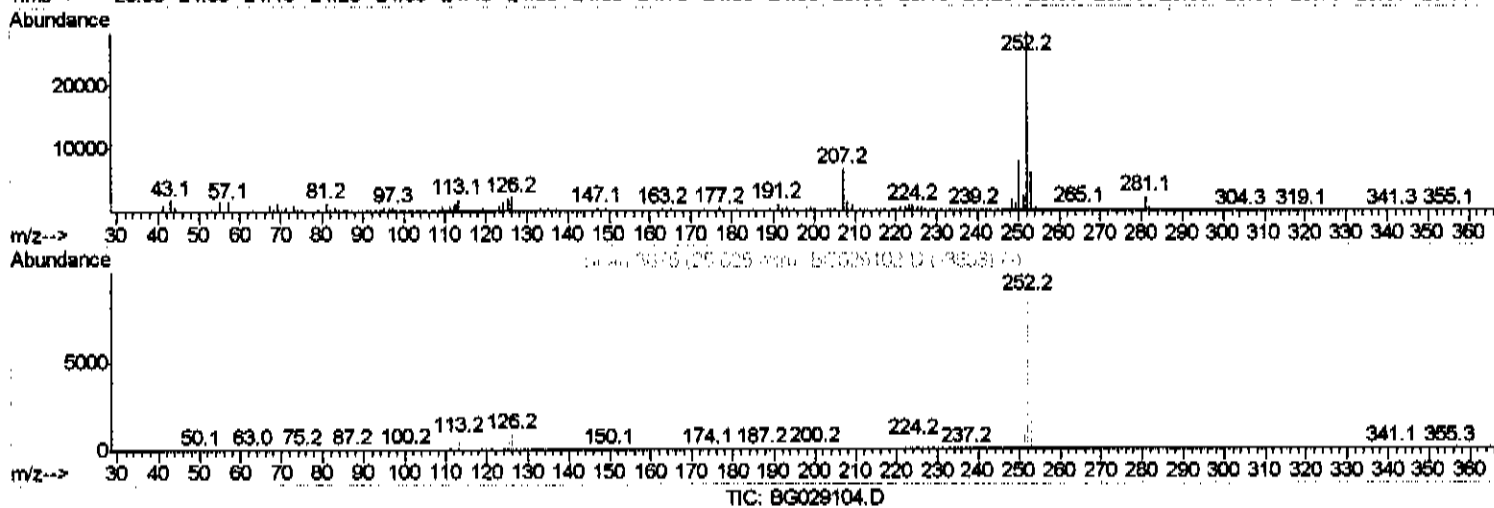
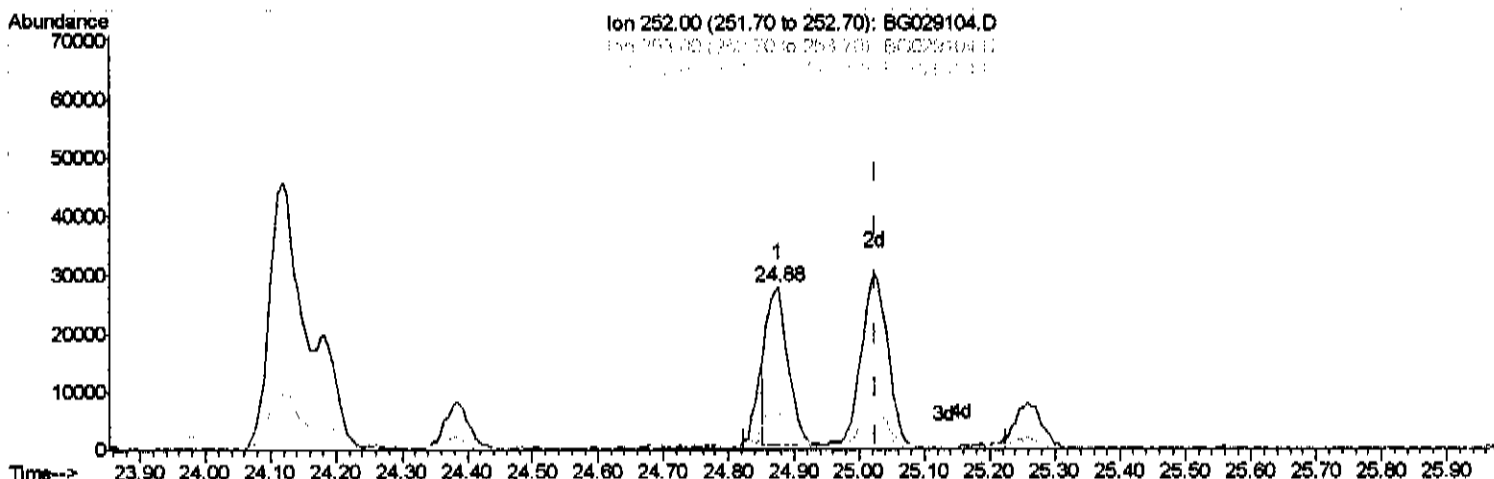
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 05:00:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(26) Benzo(a)pyrene (C)

24.876min (-0.149) 2.76ng/ui

response 60076

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.23
125.00	10.30	8.30
0.00	0.00	0.00

Quantitation Report (Qedit)

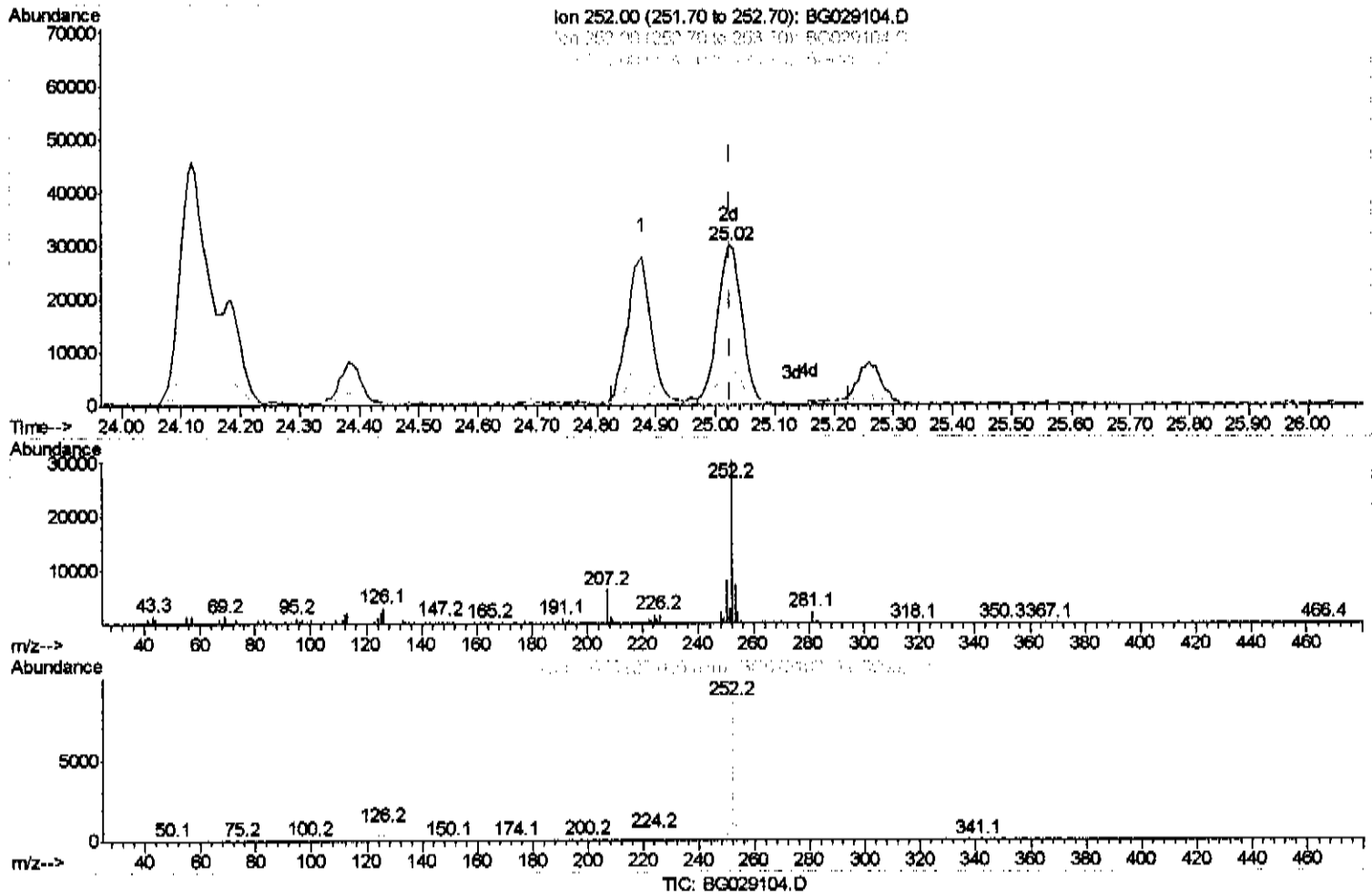
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 05:00:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(26) Benzo(a)pyrene (C)

25.023min (-0.003) 3.99ng/ul m

response 86696

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.40
125.00	10.30	7.43%
0.00	0.00	0.00

SJ/JU

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 10 05:02:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 Client Sampled :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	46146	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	220597	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	149316	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	339496m	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	362735m	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	374164	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	550711	35.46	ng/ul	0.00
10) Fluorene-d10	15.81	176	406532	36.09	ng/ul	0.00
14) Anthracene-d10	17.66	188	584611	35.55	ng/ul	0.00
18) Perylene-d10	19.93	212	686738	37.00	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	646382	36.06	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.08	128	29786	2.594	ng/ul	98
4) 2-Methylnaphthalene	12.67	142	13909	1.596	ng/ul	90
13) Phenanthrene	17.60	178	77711m	4.291	ng/ul	
16) Fluoranthene	19.59	202	133166m	6.273	ng/ul	
19) Pyrene	19.96	202	108483	4.798	ng/ul#	92
20) Benzo(a)anthracene	21.82	228	75227m	3.521	ng/ul	
21) Chrysene	21.89	228	102694	5.250	ng/ul	97
23) Benzo(b)fluoranthene	24.12	252	146179	6.531	ng/ul	98
24) Benzo(k)fluoranthene	24.18	252	41955m	1.920	ng/ul	
26) Benzo(a)pyrene	25.02	252	86695m	3.988	ng/ul	
27) Indeno(1,2,3-cd)pyrene	28.99	276	74561	3.022	ng/ul	96
29) Benzo(a,h,i)perylene	30.19	276	62264	3.060	ng/ul	94

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