

Quantitation Report (QT Reviewed)

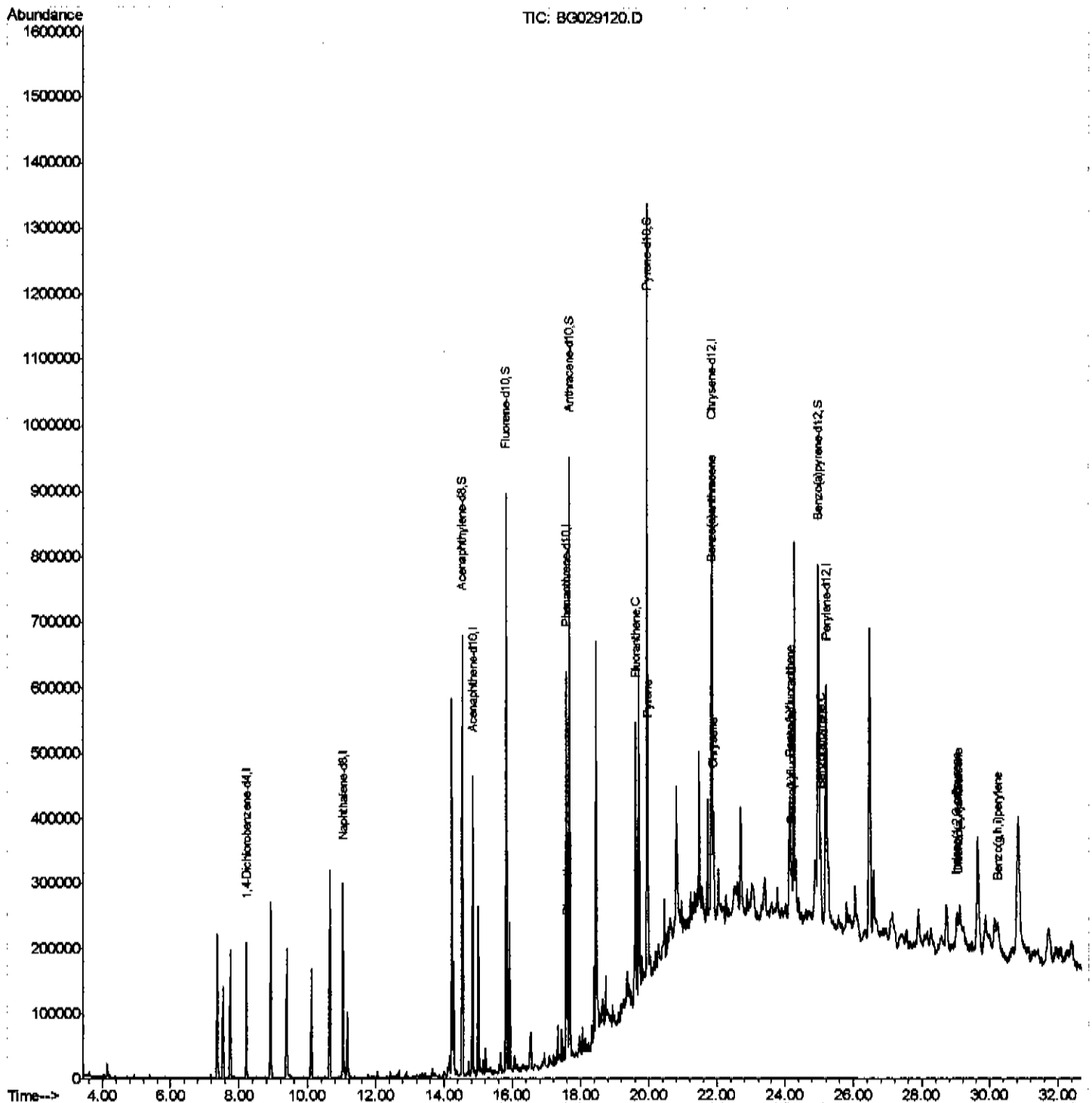
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029120.D
 Acq On : 9 Oct 2017 23:18
 Operator : SJ/JU
 Sample : I5578-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAGQ5

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:47 PM

Quant Time: Oct 10 06:45:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

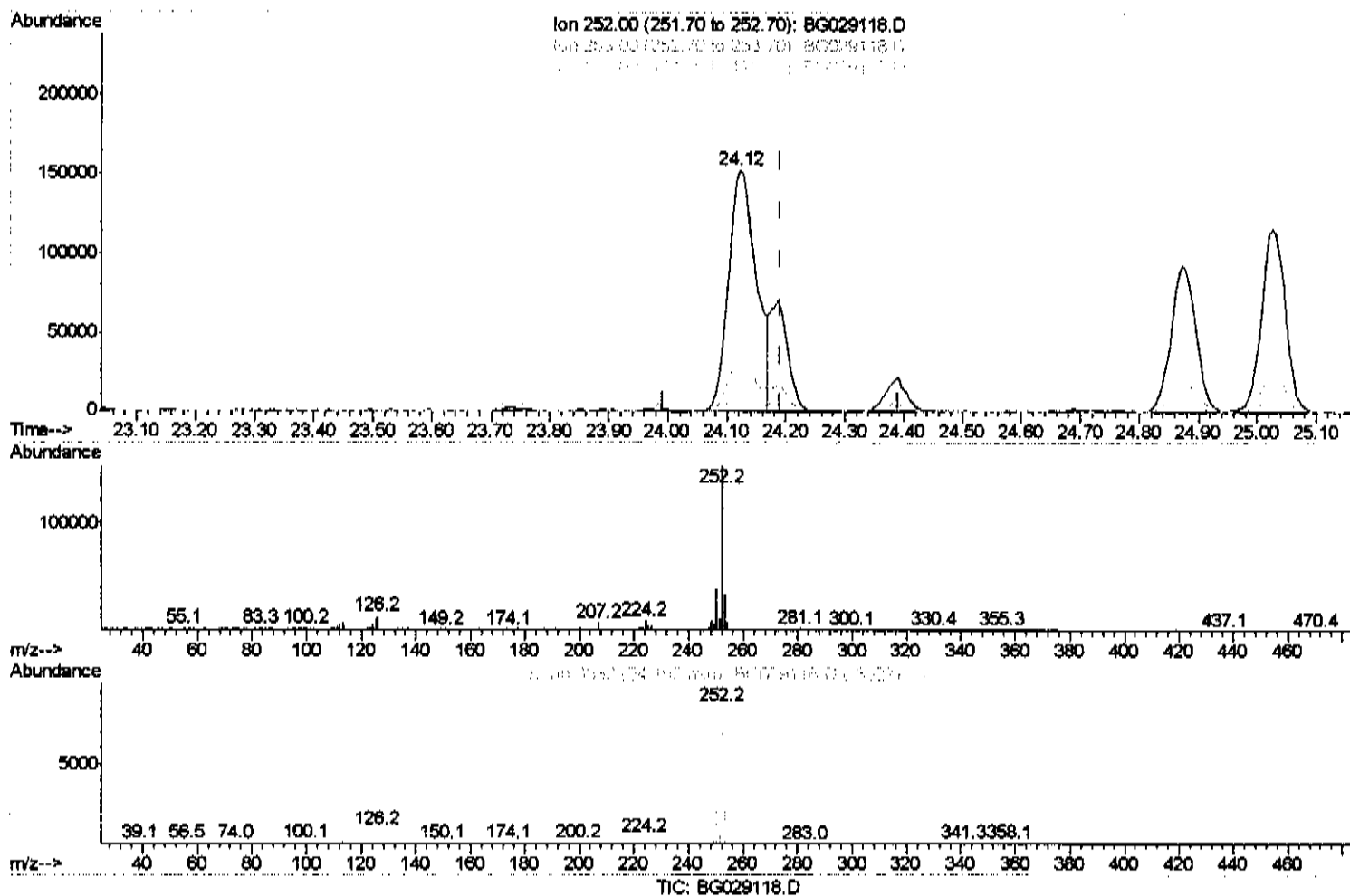
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029118.D
 Acq On : 9 Oct 2017 21:57
 Operator : SJ/JU
 Sample : I5576-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGQ5

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:47 PM

Quant Time: Oct 10 17:41:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 17:36:23 2017
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

24.121min (-0.070) 20.26ng/ul

response 508056

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.21
125.00	10.10	7.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

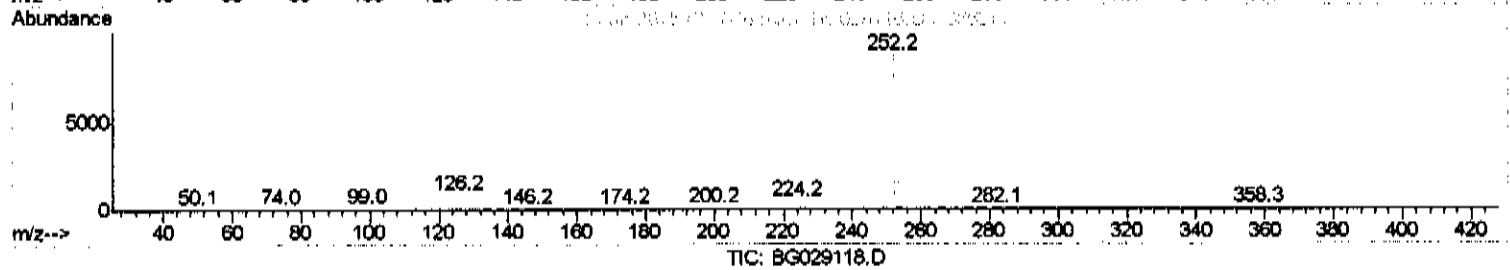
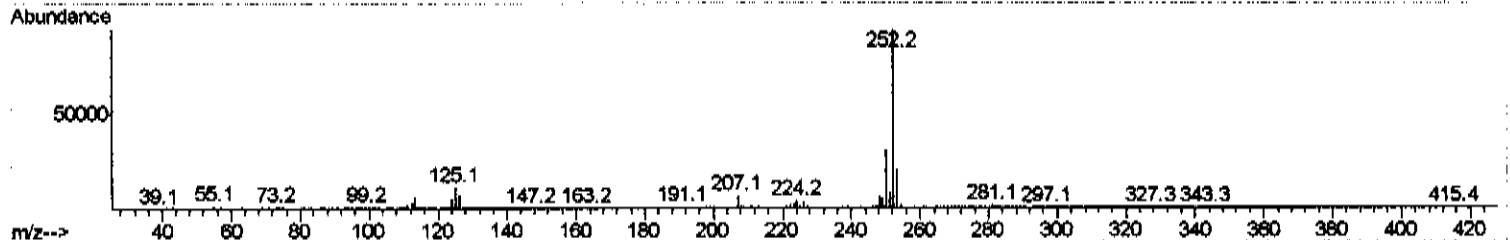
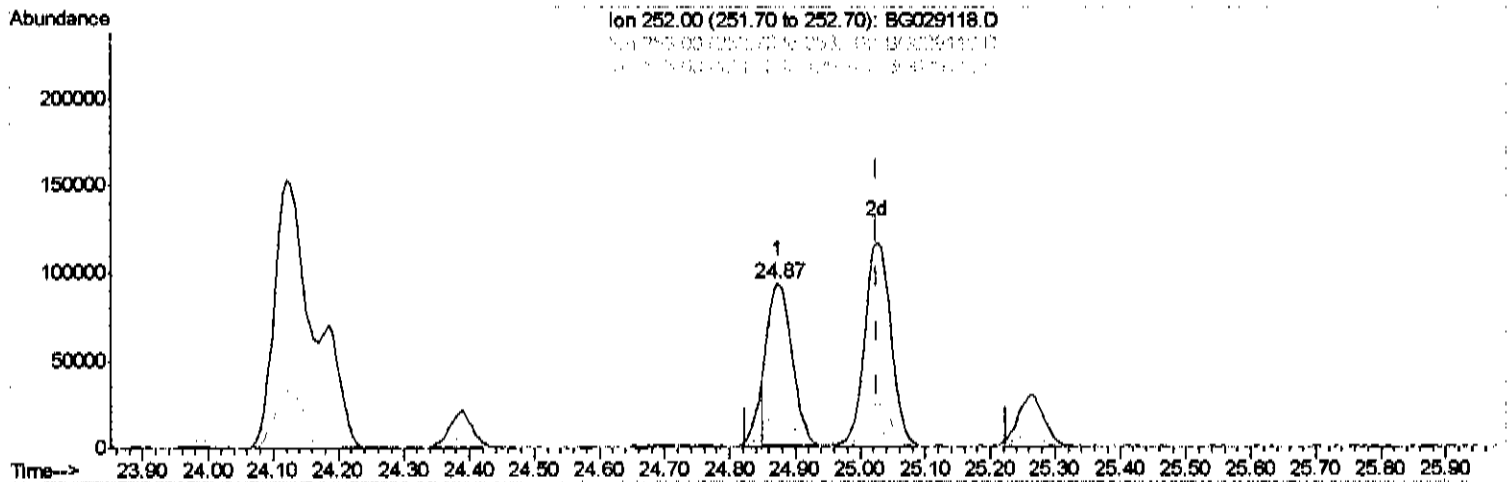
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029118.D
 Acq On : 9 Oct 2017 21:57
 Operator : SJ/JU
 Sample : I5576-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAGQ5

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:47 PM

Quant Time: Oct 10 17:41:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 17:36:23 2017
 Response via : Initial Calibration



(26) Benzo(a)pyrene (C)

24.873min (-0.153) 9.41ng/ul

response 233903

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.87
125.00	10.30	11.89
0.00	0.00	0.00

Quantitation Report (Qedit)

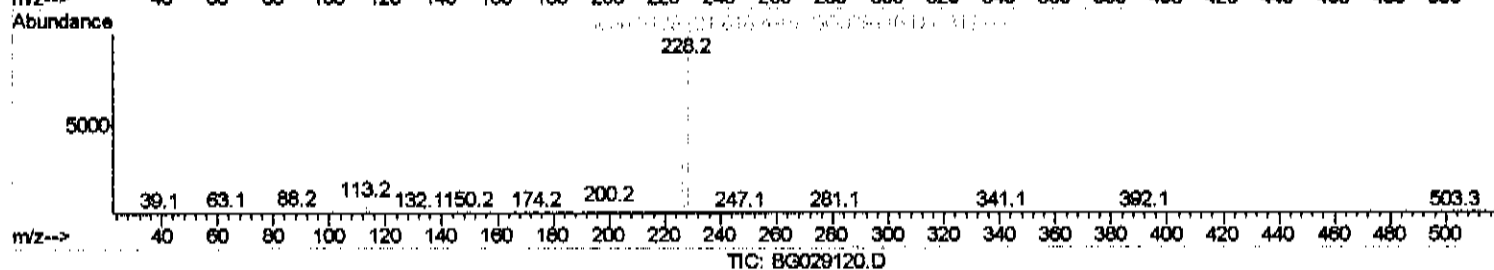
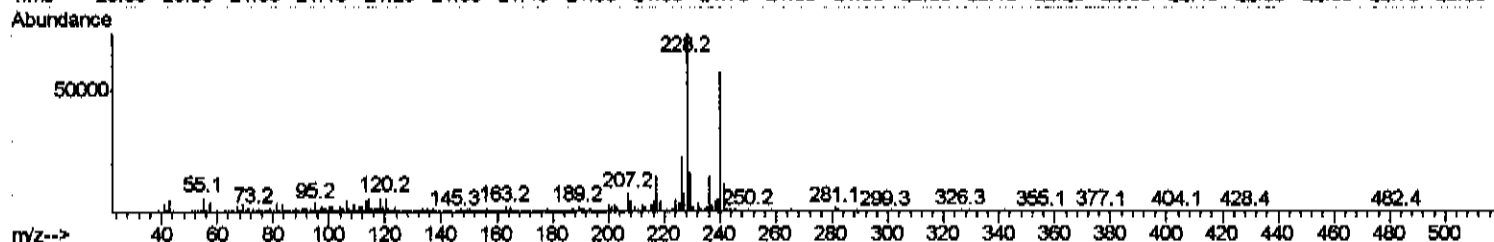
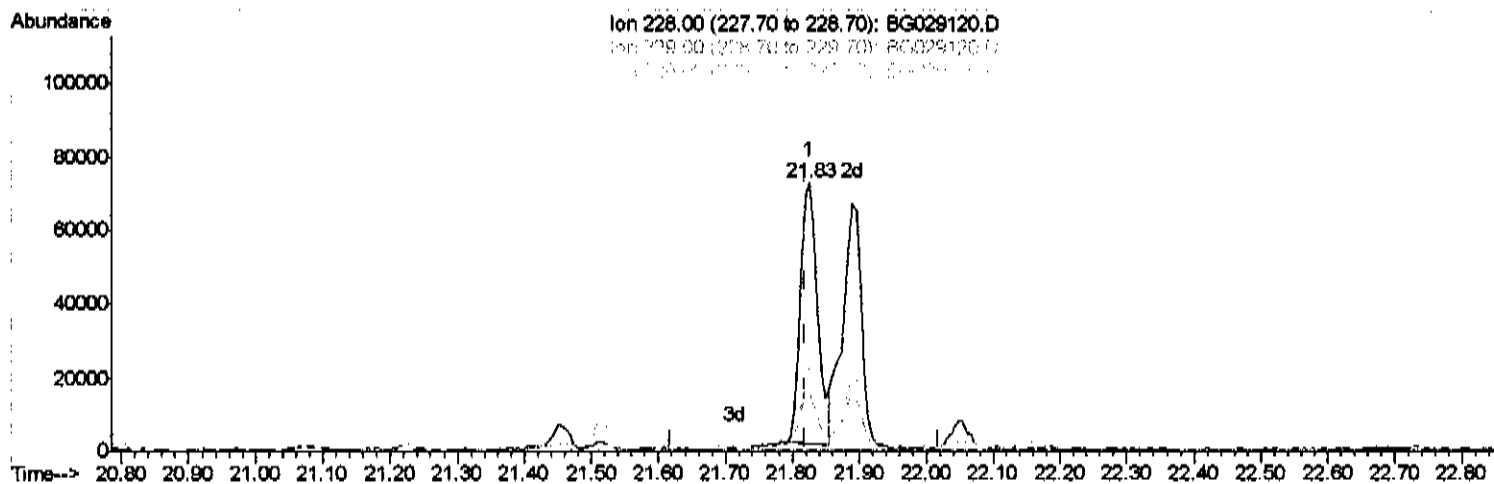
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029120.D
 Acq On : 9 Oct 2017 23:18
 Operator : SJ/JU
 Sample : I5578-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGQ5

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:47 PM

Quant Time: Oct 10 06:35:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration



(20) Benzo(a)anthracene

21.825min (+0.007) 5.54ng/ul

response 128360

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.12
226.00	26.40	31.32
0.00	0.00	0.00

Quantitation Report (Qedit)

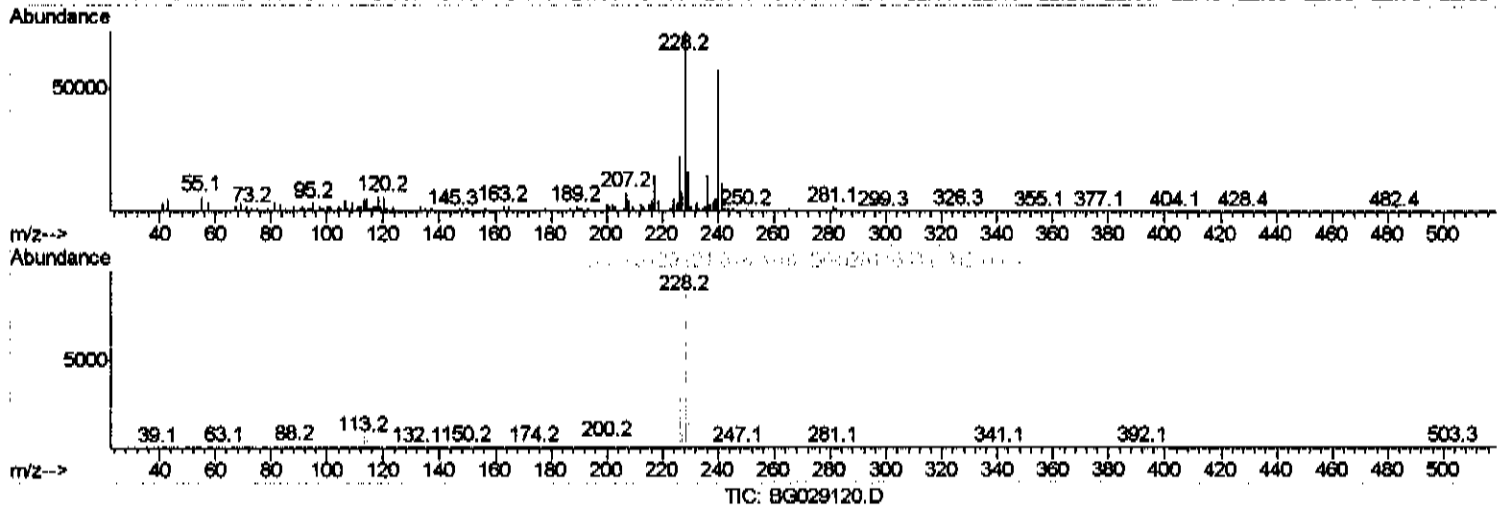
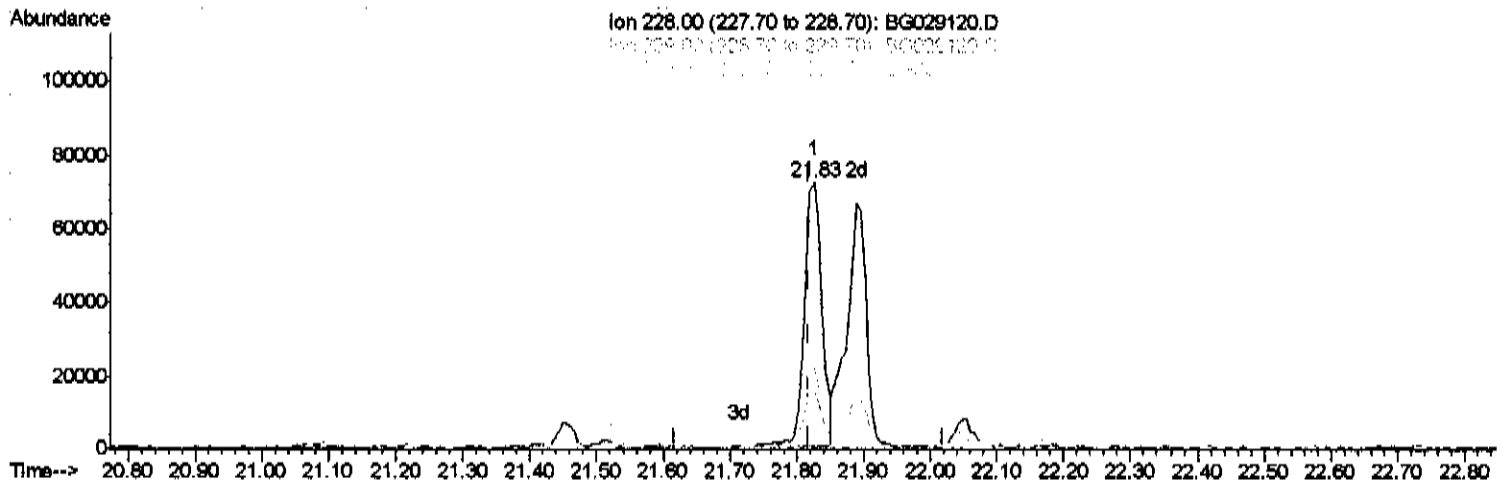
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029120.D
 Acq On : 9 Oct 2017 23:18
 Operator : SJ/JU
 Sample : I5578-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGQ5

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:47 PM

Quant Time: Oct 10 06:35:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration



(20) Benzo(a)anthracene

21.825min (+0.007) 5.54ng/ul m

response 128368

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.12
226.00	26.40	31.32
0.00	0.00	0.00

Quantitation Report (Qedit)

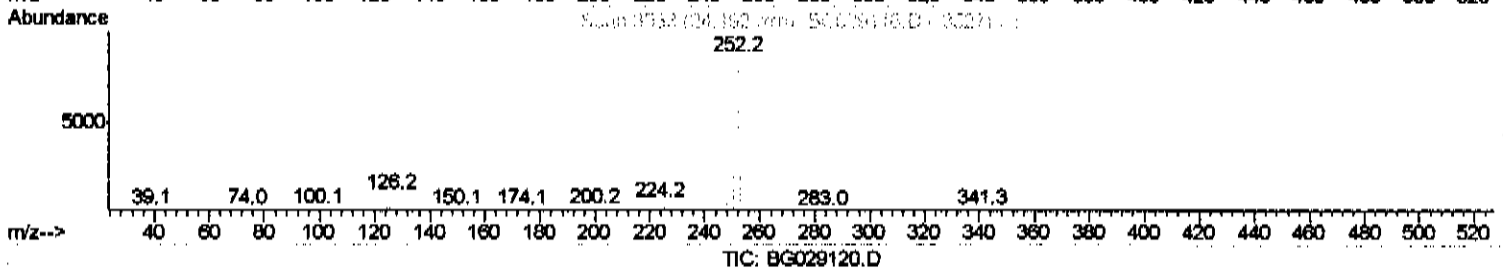
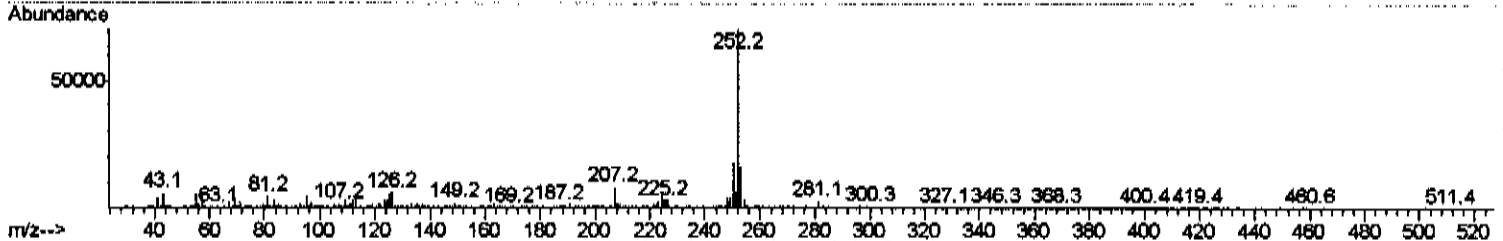
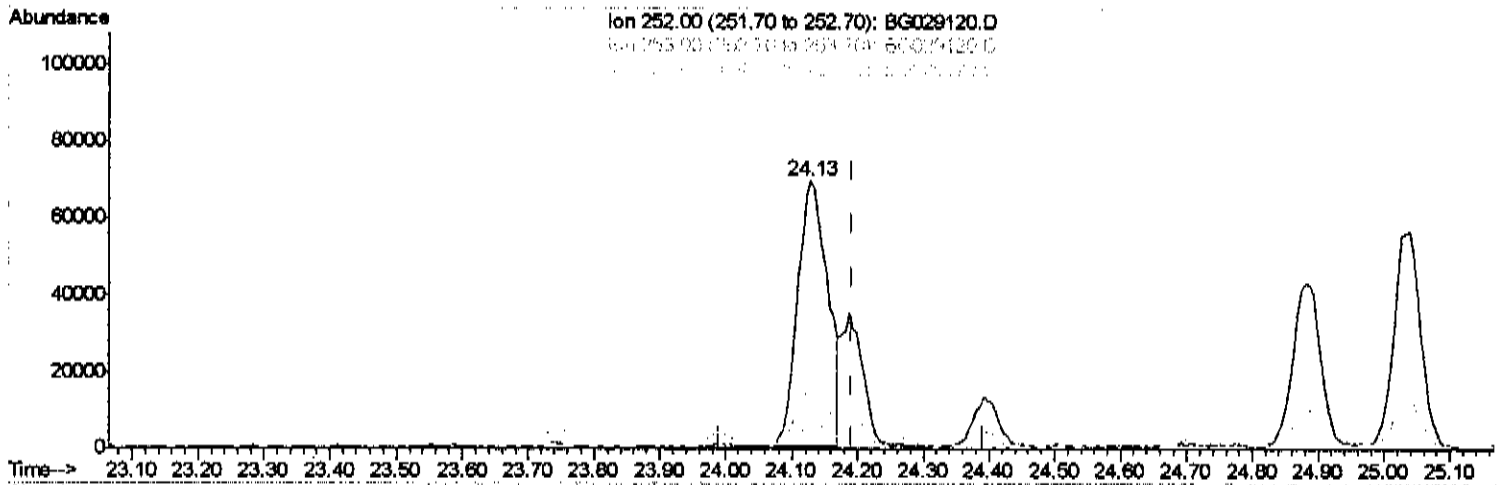
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029120.D
 Acq On : 9 Oct 2017 23:18
 Operator : SJ/JU
 Sample : I5578-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAGQ5

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:47 PM

Quant Time: Oct 10 06:35:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene
 24.128min (-0.064) 9.27ng/ul
 response 221290

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.62
125.00	10.10	8.56
0.00	0.00	0.00

Quantitation Report (Qedit)

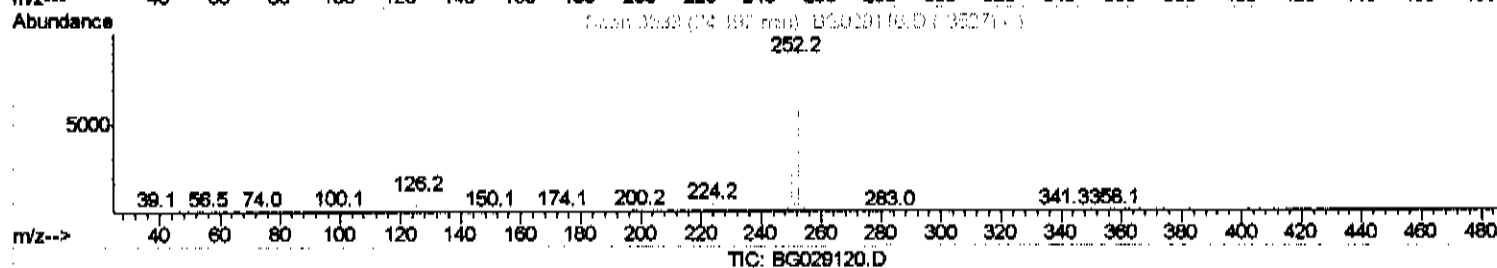
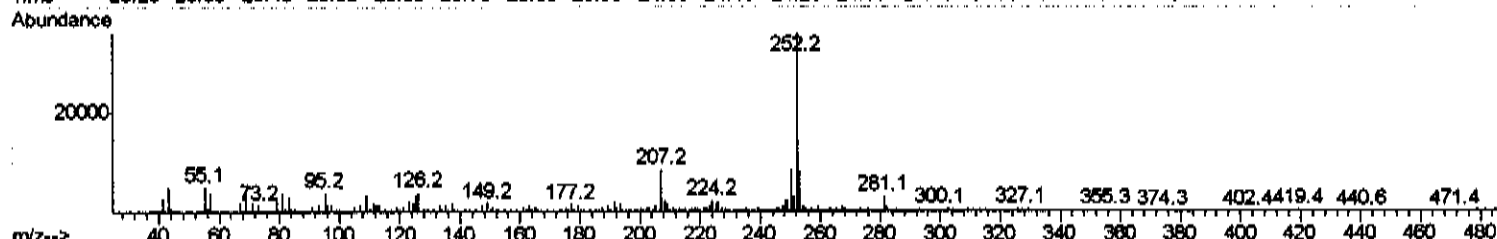
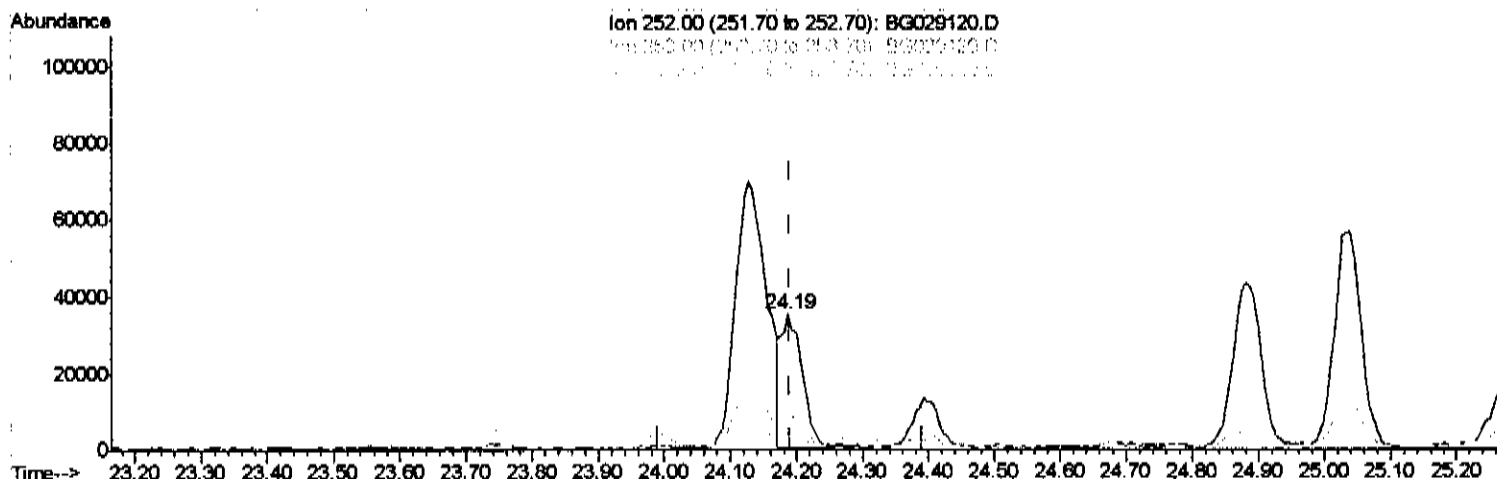
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029120.D
 Acq On : 9 Oct 2017 23:18
 Operator : SJ/JU
 Sample : I5578-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAGQ5

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:47 PM

Quant Time: Oct 10 06:35:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

24.187min (-0.005) 3.27ng/ul m

response 78194

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.68
125.00	10.10	9.98
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_G
ClientSampled :
DAGQ5

Manual Integrations
APPROVED

Sohil
10/10/2017 5:03:47 PM

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029120.D
Acq On : 9 Oct 2017 23:18
Operator : SJ/JU
Sample : I5578-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 10 06:45:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 06:24:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	56715	20.00 ng/ul	0.00
2) Naphthalene-d8	11.03	136	250085	20.00 ng/ul	0.00
6) Acenaphthene-d10	14.83	164	170108	20.00 ng/ul	0.00
12) Phenanthrene-d10	17.57	188	377009	20.00 ng/ul	0.00
17) Chrysene-d12	21.84	240	393638	20.00 ng/ul	0.00
22) Perylene-d12	25.20	264	409047	20.00 ng/ul	0.01

System Monitoring Compounds

7) Acenaphthylene-d8	14.52	160	488537	27.61 ng/ul	0.00
10) Fluorene-d10	15.82	176	380308	29.64 ng/ul	0.00
14) Anthracene-d10	17.67	188	555901	30.44 ng/ul	0.00
18) Pylene-d10	19.93	212	647112	32.13 ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	609634	31.11 ng/ul	0.01

Target Compounds

				Ovalue	
13) Phenanthrene	17.61	178	94024	4.676 ng/ul	97
16) Fluoranthene	19.60	202	216435	9.181 ng/ul#	93
19) Pyrene	19.96	202	187921	7.659 ng/ul#	91
20) Benzo(a)anthracene	21.83	228	128368m	5.537 ng/ul	> 940/11/17
21) Chrysene	21.89	228	131345	6.188 ng/ul	96
23) Benzo(b)fluoranthene	24.13	252	230081	9.402 ng/ul	97
24) Benzo(k)fluoranthene	24.19	252	78194m	3.274 ng/ul	> 940/11/17
26) Benzo(a)pyrene	25.04	252	158236	6.657 ng/ul	97
27) Indeno(1,2,3-cd)pyrene	29.01	276	119122	4.416 ng/ul#	89
28) Dibenzo(a,h)anthracene	29.07	278	33725	1.510 ng/ul#	82
29) Benzo(a,h,i)perylene	30.21	276	94808	4.262 ng/ul#	90

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