

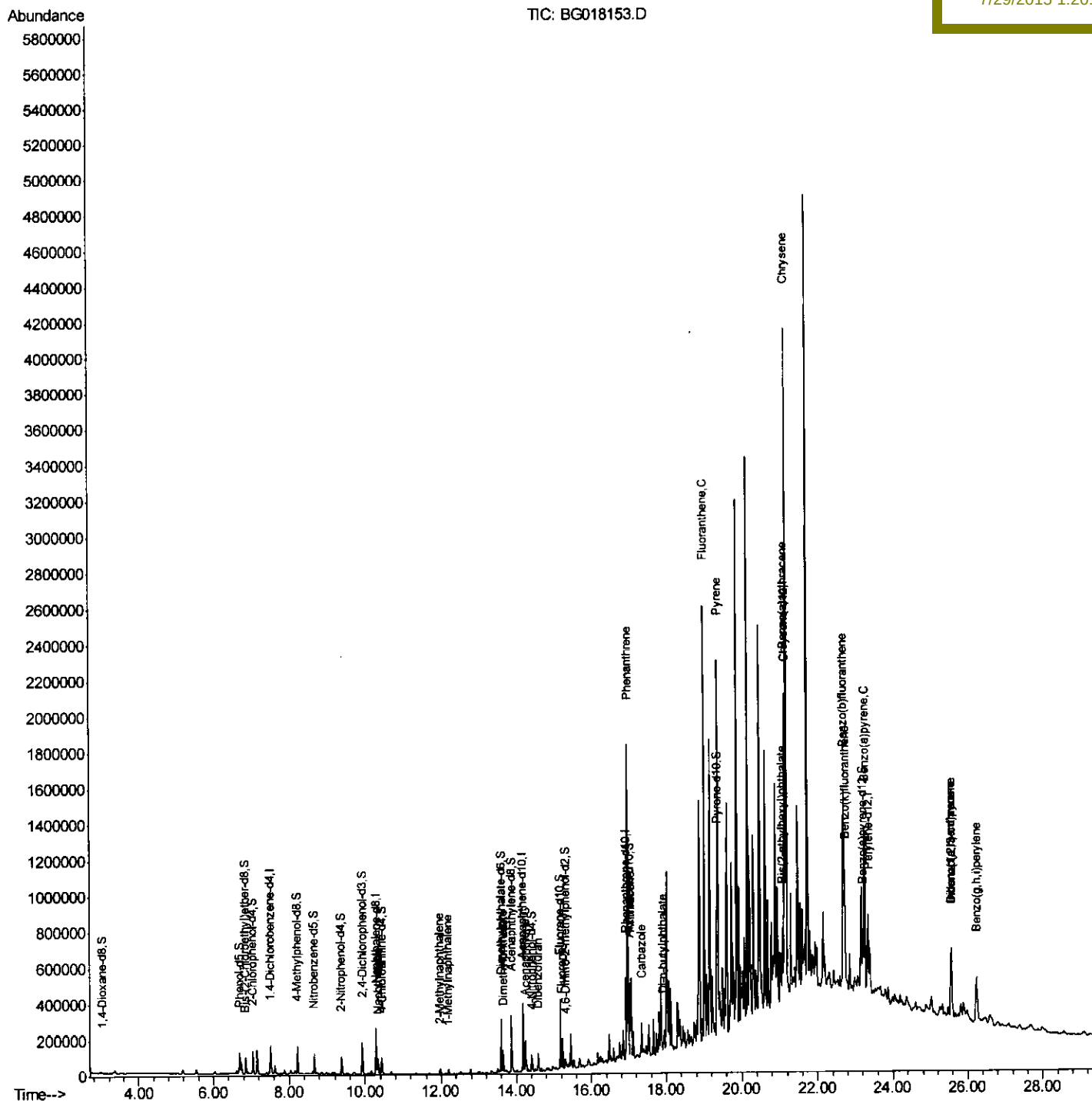
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02K6

Quant Time: Jul 29 02:23:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:59:28 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

apatel
7/29/2015 1:20:14 PM



Quantitation Report (Qedit)

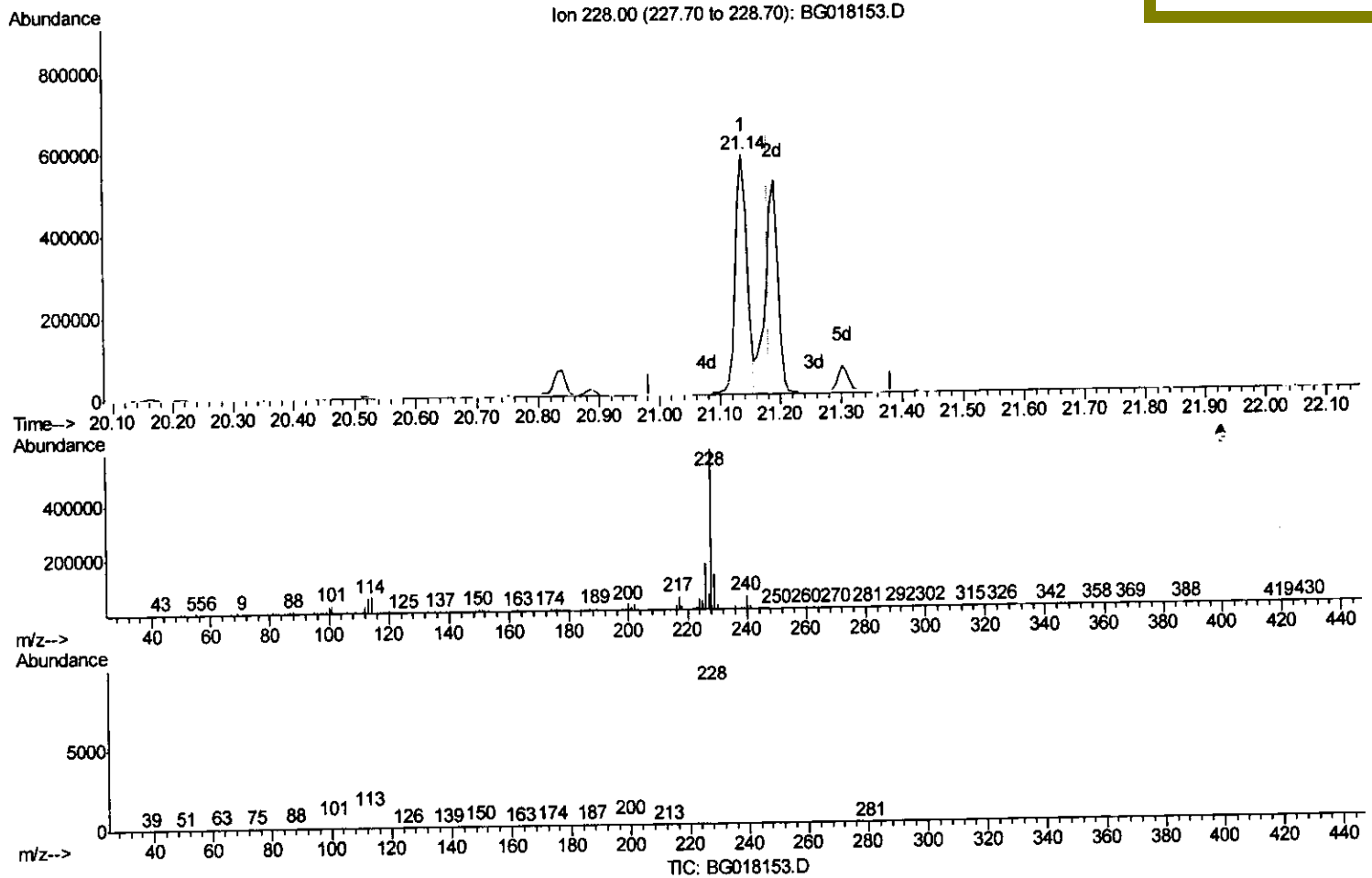
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018153.D
 Acq On : 28 Jul 2015 19:11
 Operator : TP/UM
 Sample : G3030-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02K6

Quant Time: Jul 29 02:02:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:59:28 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/29/2015 1:20:14 PM



(85) Chrysene

21.137min (-0.044) 53.25ng/ul

response 773136

Ion	Exp%	Act%
228.00	100	100
226.00	28.60	28.52
229.00	19.50	21.92
0.00	0.00	0.00

Quantitation Report (Qedit)

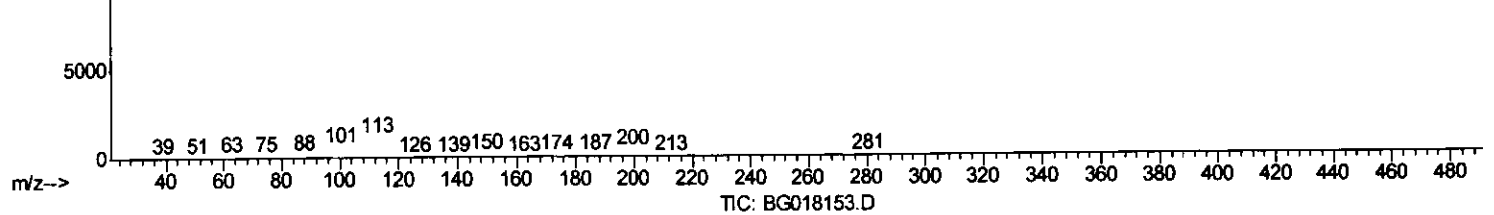
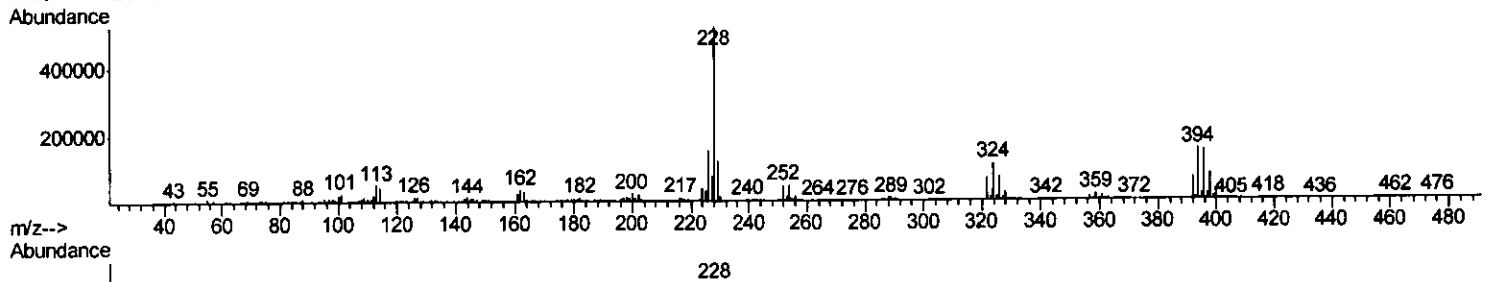
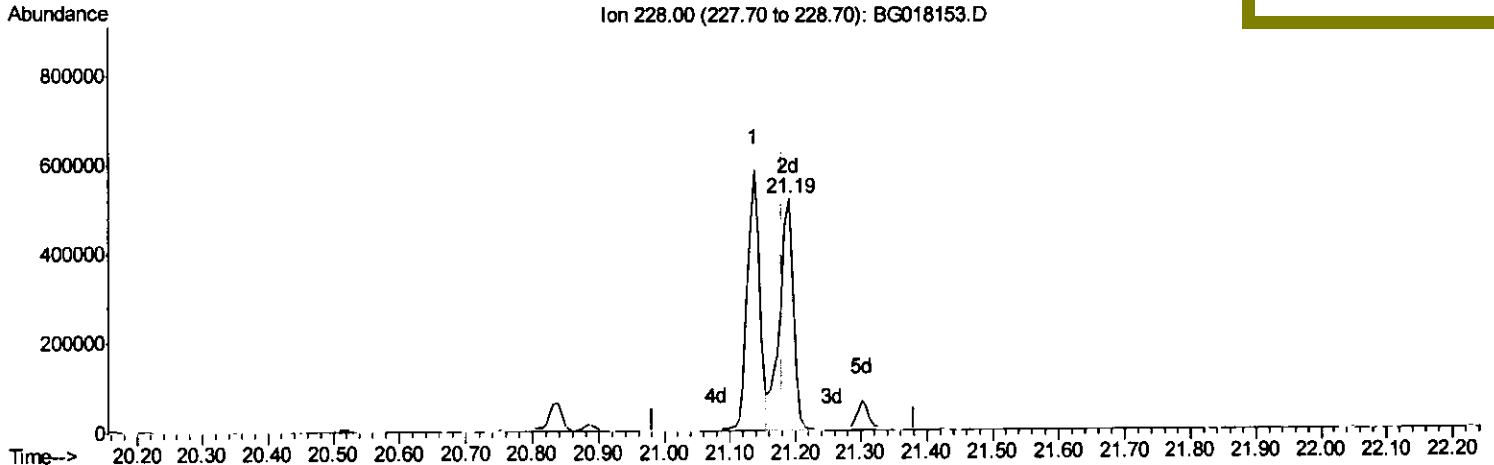
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018153.D
 Acq On : 28 Jul 2015 19:11
 Operator : TP/UM
 Sample : G3030-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02K6

Quant Time: Jul 29 02:02:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:59:28 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/29/2015 1:20:14 PM



(85) Chrysene

21.190min (+0.009) 52.76ng/ul m

response 766069

T.P
 7/30/15

Ion	Exp%	Act%
228.00	100	100
226.00	28.60	29.27
229.00	19.50	23.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

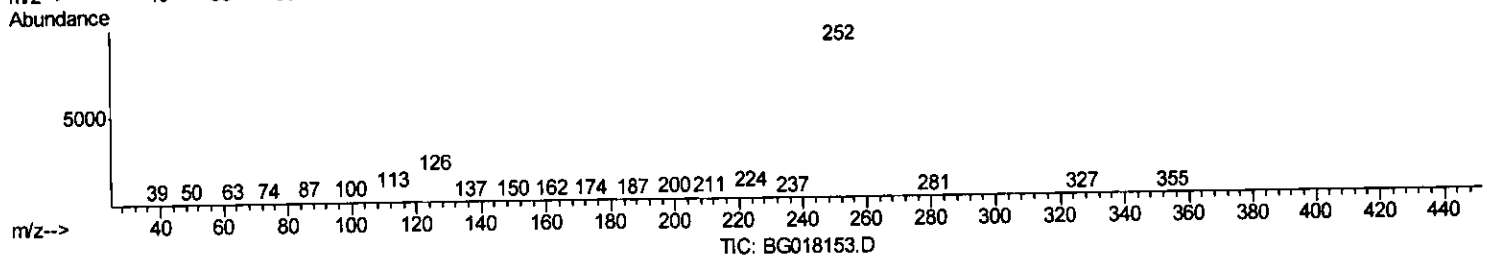
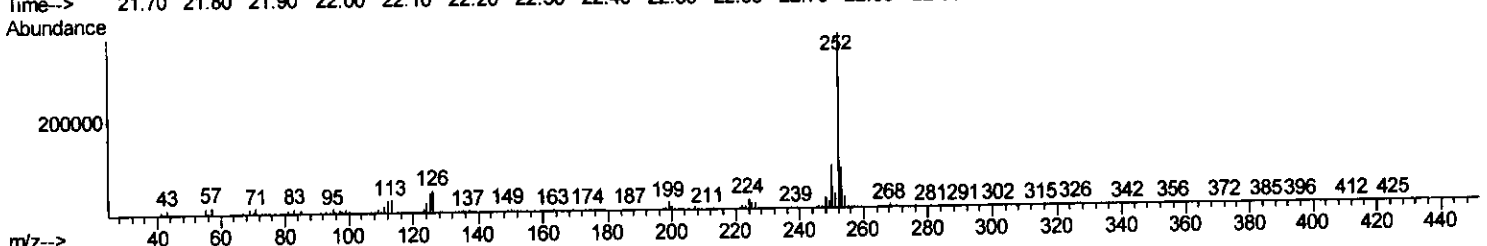
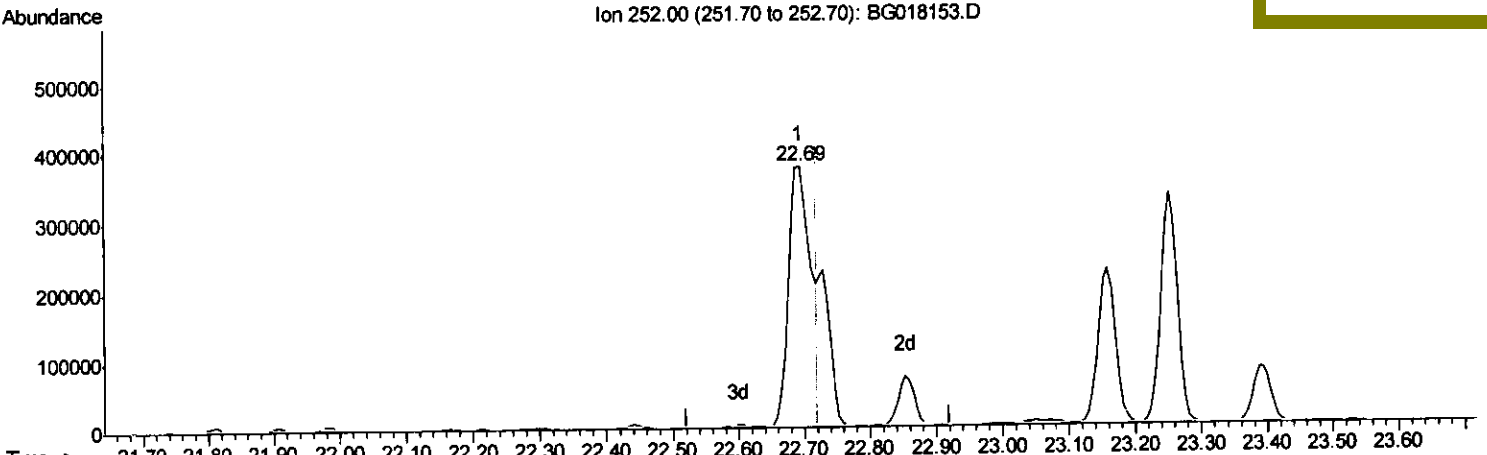
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018153.D
 Acq On : 28 Jul 2015 19:11
 Operator : TP/UM
 Sample : G3030-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02K6

Quant Time: Jul 29 02:02:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:59:28 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/29/2015 1:20:14 PM



(89) Benzo(k)fluoranthene

22.694min (-0.027) 53.89ng/ul

response 869619

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.44
125.00	11.60	11.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018153.D
 Acq On : 28 Jul 2015 19:11
 Operator : TP/UM
 Sample : G3030-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

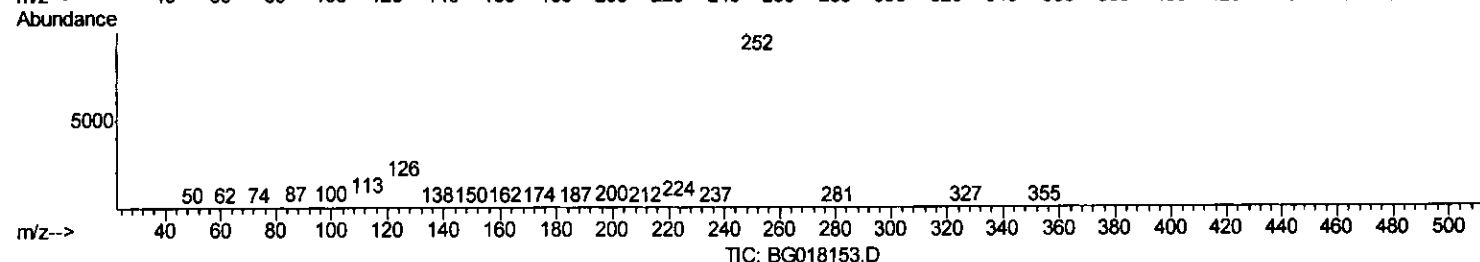
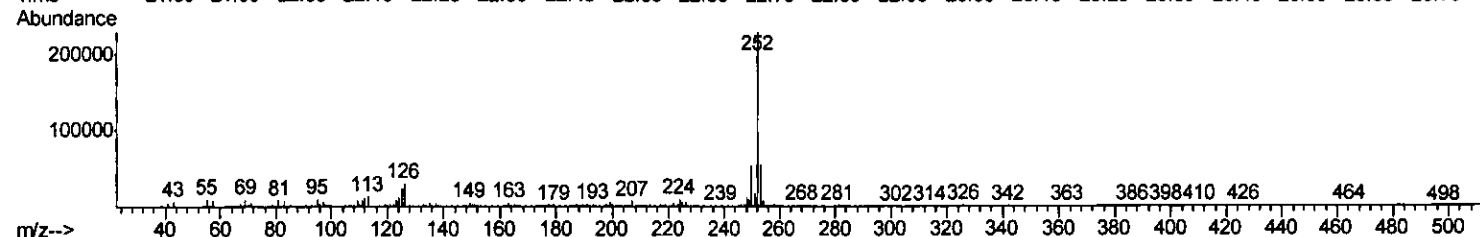
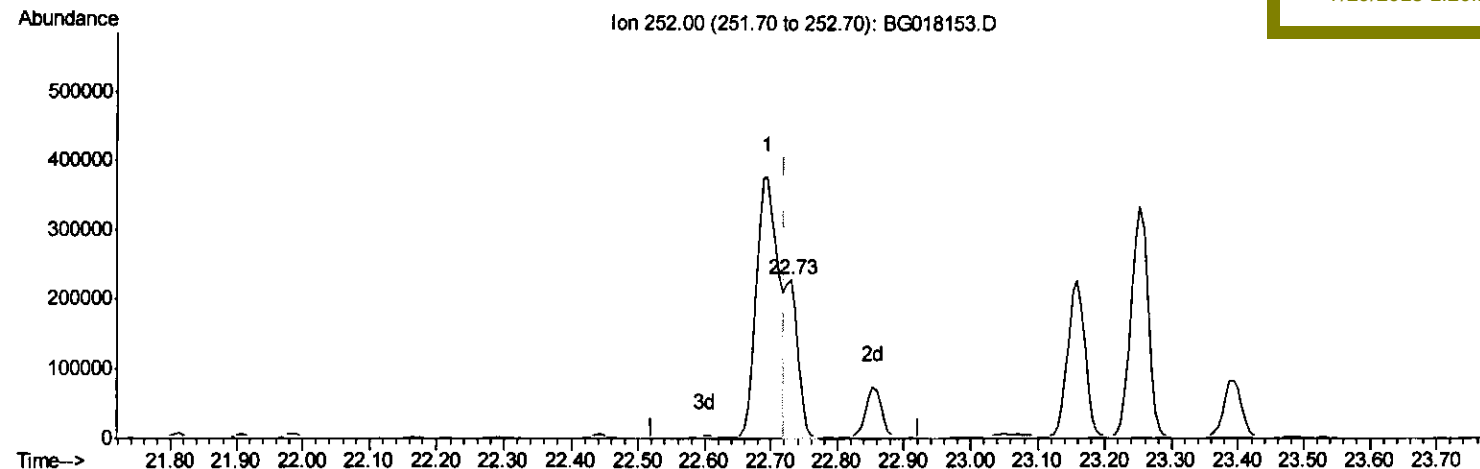
Instrument :
 BNA_G
 ClientSampleId :
 C02K6

Quant Time: Jul 29 02:02:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:59:28 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/29/2015 1:20:14 PM

Ion 252.00 (251.70 to 252.70): BG018153.D



TIC: BG018153.D

(89) Benzo(k)fluoranthene

22.729min (+0.009) 18.11ng/ul m

response 292253

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.94
125.00	11.60	10.67
0.00	0.00	0.00

T. P
 7/30/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018153.D
 Acq On : 28 Jul 2015 19:11
 Operator : TP/UM
 Sample : G3030-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02K6

Manual Integrations
 APPROVED

apatel
 7/29/2015 1:20:14 PM

Quant Time: Jul 29 02:23:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:59:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	47000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	218476	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	131696	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	263932	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	291525	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	304309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	2726	3.63	ng/uL	0.00
5) Phenol-d5	6.70	99	73700	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	34561	19.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	70902	22.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	61615	19.16	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	37325	21.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	41634	22.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	69099	21.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	60237	16.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	197045	21.31	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	231040	20.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	29922	15.38	ng/ul	0.00
58) Fluorene-d10	15.18	176	160136	18.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	16353	9.69	ng/ul	0.00
71) Anthracene-d10	17.04	188	223935	19.59	ng/ul	0.00
79) Pyrene-d10	19.35	212	230103	17.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	251107	17.29	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.34	128	76399	7.46	ng/ul 98
34) 2-Methylnaphthalene	11.97	142	18268	2.36	ng/ul 99
35) 1-Methylnaphthalene	12.19	142	13831	1.83	ng/ul# 97
45) Dimethylphthalate	13.65	163	81897	8.80	ng/ul 99
50) Acenaphthene	14.25	153	71046	9.10	ng/ul 98
54) Dibenzofuran	14.58	168	59101	5.32	ng/ul 97
59) Fluorene	15.24	166	77898	8.15	ng/ul 100
70) Phenanthrene	16.98	178	1028458	77.55	ng/ul 97
72) Anthracene	17.07	178	285206	21.18	ng/ul 98
75) Carbazole	17.35	167	117118	10.04	ng/ul 99
76) Di-n-butylphthalate	17.92	149	42152	2.74	ng/ul 96
77) Fluoranthene	19.02	202	1479989	104.77	ng/ul 99
80) Pyrene	19.39	202	1302034	77.99	ng/ul 99
83) Benzo(a)anthracene	21.14	228	765731	49.66	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.08	149	135020	13.79	ng/ul 98
85) Chrysene	21.19	228	766069m	52.76	ng/ul 99
88) Benzo(b)fluoranthene	22.69	252	869619	52.16	ng/ul 99
89) Benzo(k)fluoranthene	22.73	252	292253m	18.11	ng/ul 97
91) Benzo(a)pyrene	23.25	252	597349	37.00	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.56	276	365003	19.59	ng/ul# 92
93) Dibenzo(a,h)anthracene	25.56	278	111174	6.99	ng/ul# 92
94) Benzo(g,h,i)perylene	26.24	276	325455	21.14	ng/ul 98

T.P.
 7/30/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02K6

Manual Integration
APPROVED

apatel
7/29/2015 1:20:14 PM

Quant Time: Jul 29 02:23:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:59:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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