

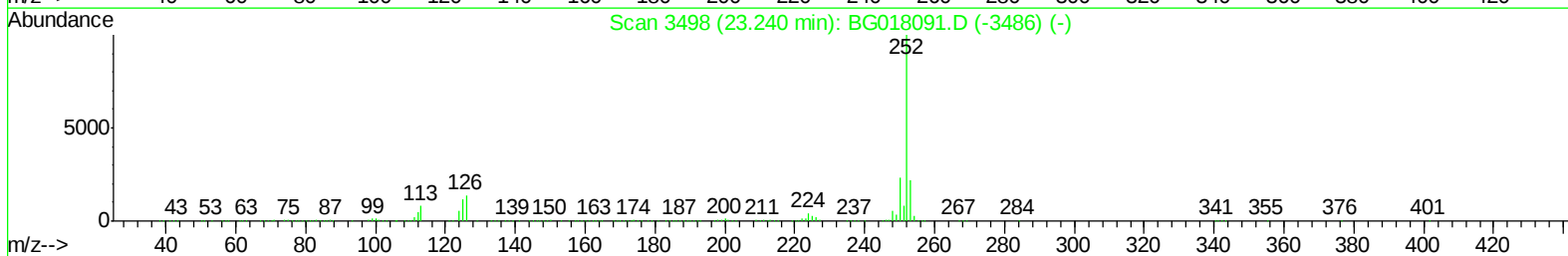
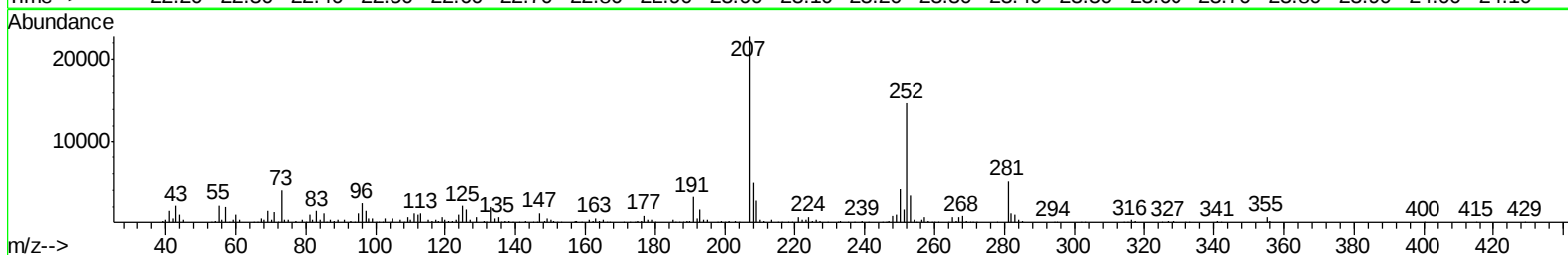
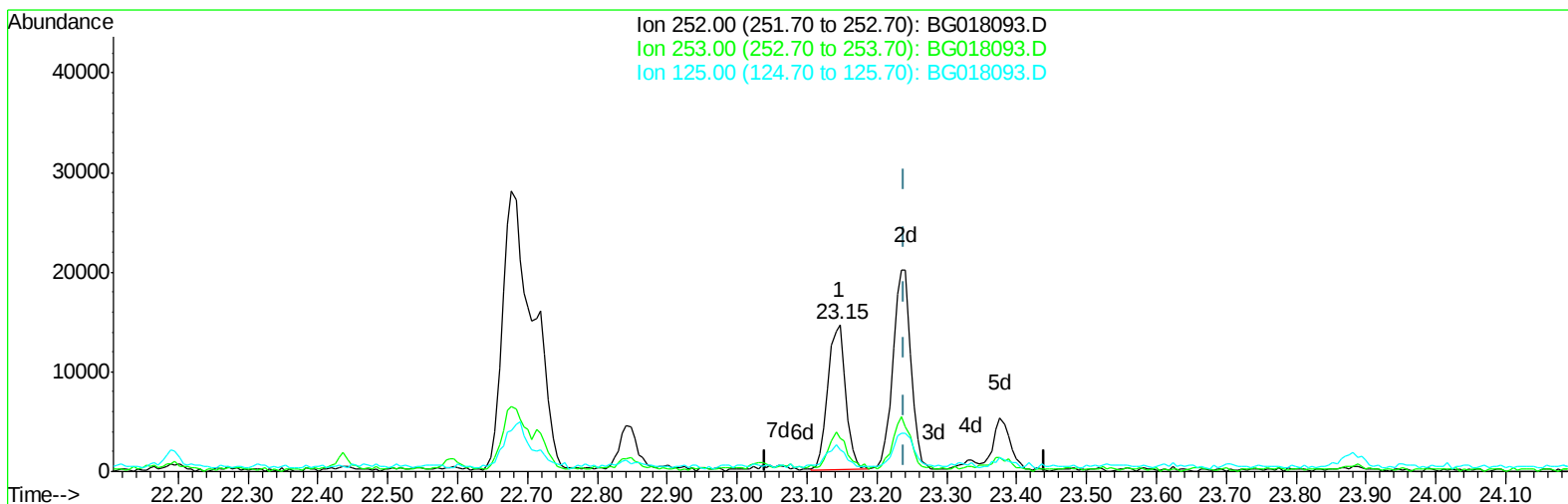
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072415\
Data File : BG018093.D
Acq On : 24 Jul 2015 17:25
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02D9DL

Manual Integrations
APPROVED

apatel
7/27/2015 3:37:30 PM

Quant Time: Jul 24 23:55:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 23:53:51 2015
Response via : Initial Calibration



TIC: BG018093.D

(91) Benzo(a)pyrene (C)

23.147min (-0.093) 1.20ng/ul

response 25708

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.78
125.00	12.70	14.62
0.00	0.00	0.00

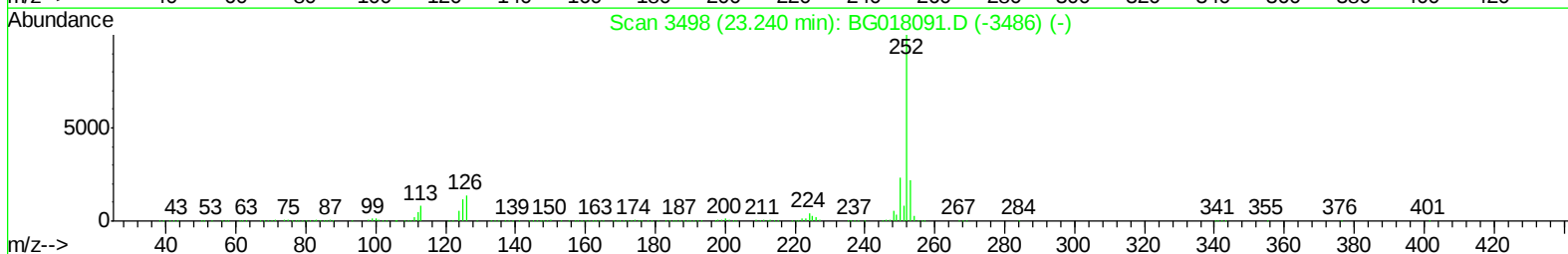
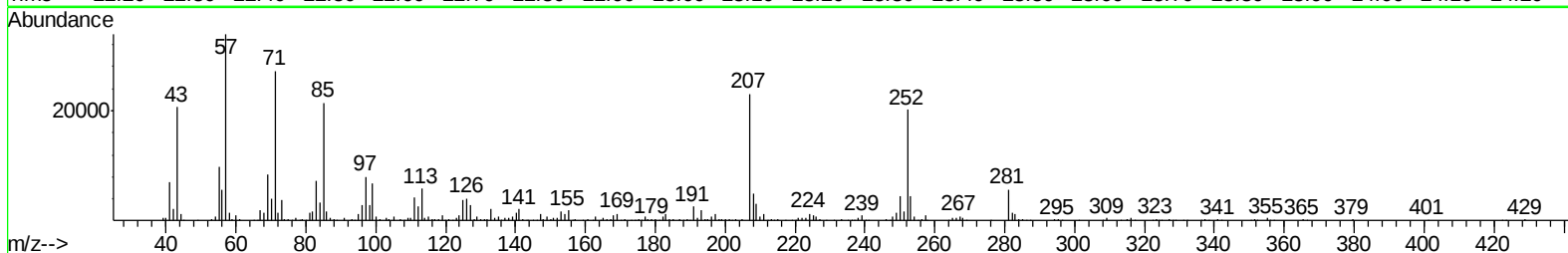
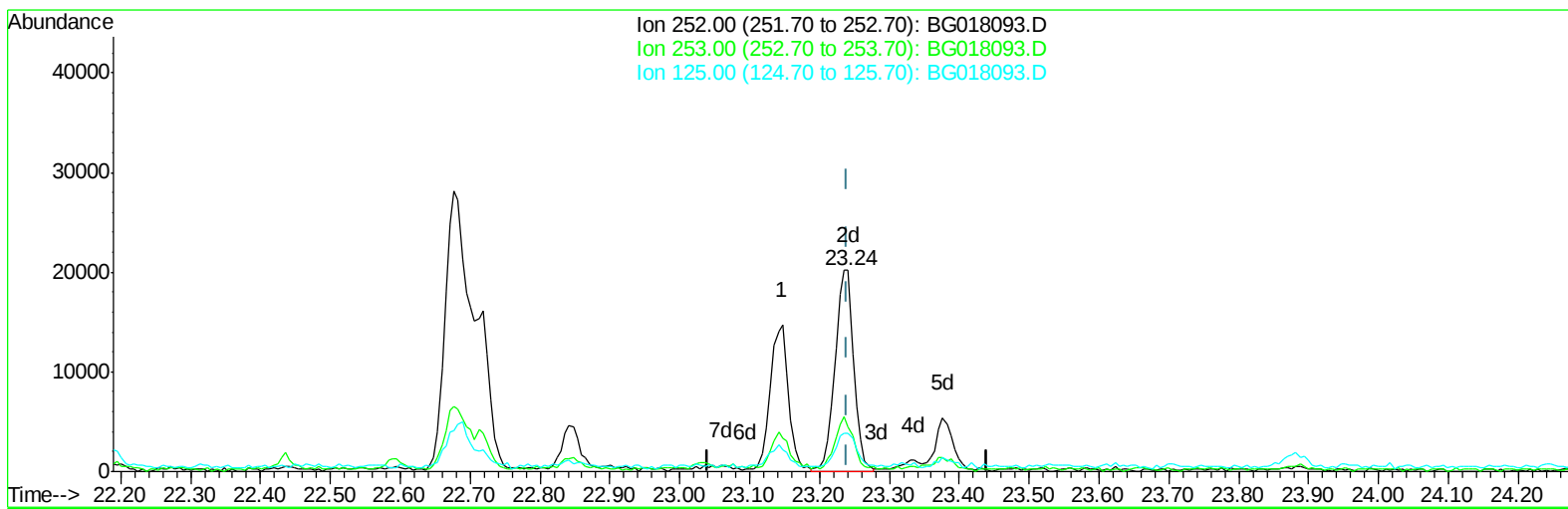
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(91) Benzo(a)pyrene (C)

23.241min (+0.001) 1.74ng/ul m

response 37246

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.14
125.00	12.70	19.06#
0.00	0.00	0.00

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Quant Time: Jul 25 00:21:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 23:53:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	54211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	256826	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	171787	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	385205	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	405356	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	403895	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	203	0.23	ng/uL	0.00
5) Phenol-d5	6.70	99	7224	1.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	3785	1.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	6234	1.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	6136	1.65	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	3806	1.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	4209	1.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	6853	1.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	282	0.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	26437	2.19	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	27576	1.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	3442	1.36	ng/ul	0.00
58) Fluorene-d10	15.18	176	21505	1.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	2697	1.10	ng/ul	0.00
71) Anthracene-d10	17.04	188	32284	1.94	ng/ul	0.00
79) Pyrene-d10	19.35	212	33922	1.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	29640	1.54	ng/ul	-0.01

Target Compounds

						Qvalue
28) Naphthalene	10.34	128	191700	15.93	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	132408	14.57	ng/ul	98
35) 1-Methylnaphthalene	12.20	142	65655	7.40	ng/ul	98
41) 1,1'-Biphenyl	13.01	154	39035	3.32	ng/ul#	92
50) Acenaphthene	14.25	153	190847	18.73	ng/ul	96
54) Dibenzofuran	14.59	168	198322	13.70	ng/ul	96
59) Fluorene	15.24	166	213828	17.15	ng/ul	99
70) Phenanthrene	16.98	178	957817	49.49	ng/ul	98
72) Anthracene	17.07	178	99588	5.07	ng/ul	98
75) Carbazole	17.35	167	48229	2.83	ng/ul	98
77) Fluoranthene	19.01	202	573627	27.82	ng/ul	99
80) Pyrene	19.38	202	382025	16.46	ng/ul	99
83) Benzo(a)anthracene	21.13	228	101500	4.73	ng/ul	97
85) Chrysene	21.18	228	86971	4.31	ng/ul	98
88) Benzo(b)fluoranthene	22.68	252	64705	2.92	ng/ul#	97
91) Benzo(a)pyrene	23.24	252	37246m	1.74	ng/ul	

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

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