

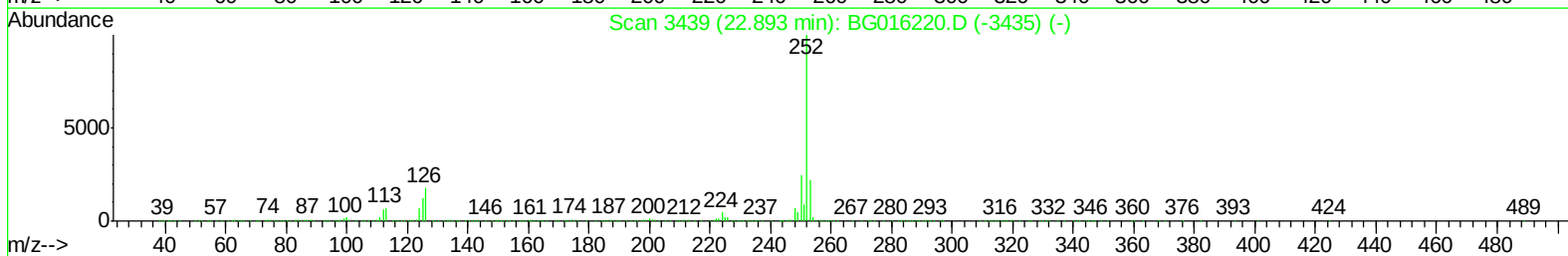
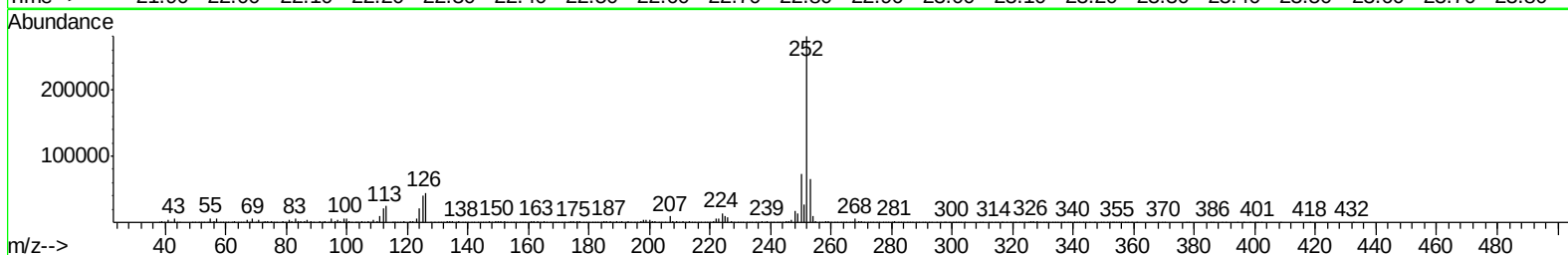
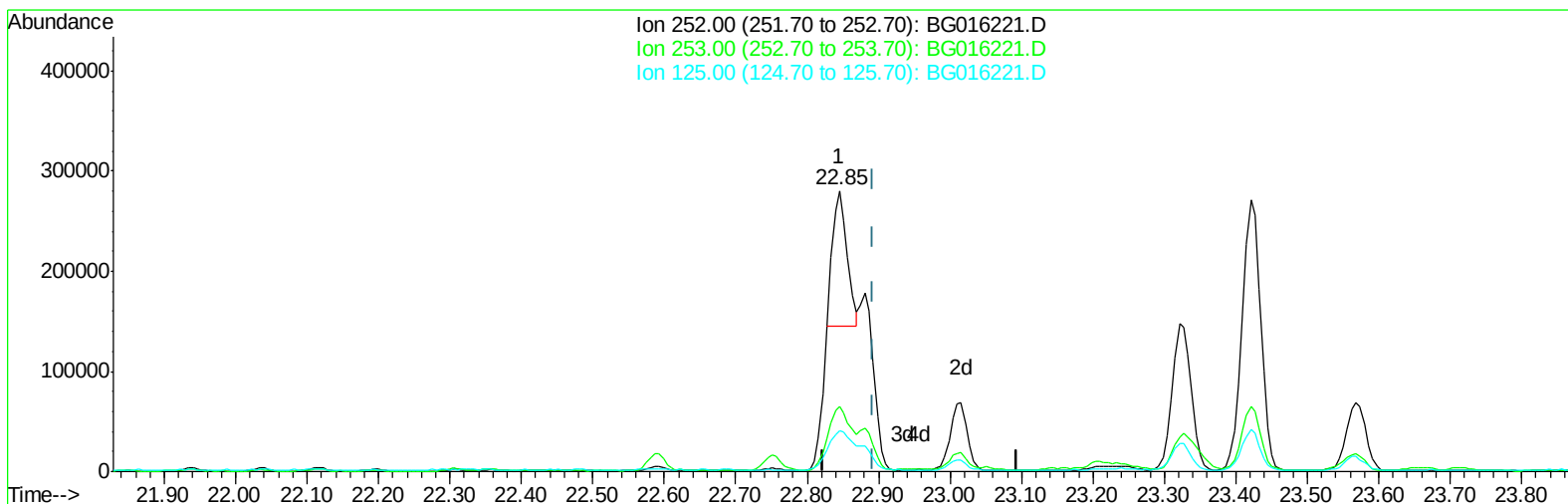
Data Path : Z:\HPCHEM1\BNA_G\Data\BG040215\
Data File : BG016221.D
Acq On : 2 Apr 2015 12:36
Operator : TP/IZ
Sample : G1647-09DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Manual Integrations
APPROVED

apatel
4/3/2015 2:22:03 PM

Quant Time: Apr 03 04:26:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 03 05:14:56 2015
Response via : Initial Calibration



TIC: BG016221.D

(86) Benzo(k)fluoranthene
22.845min (-0.048) 9.62ng/ul
response 190535

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	23.14
125.00	14.70	14.64
0.00	0.00	0.00

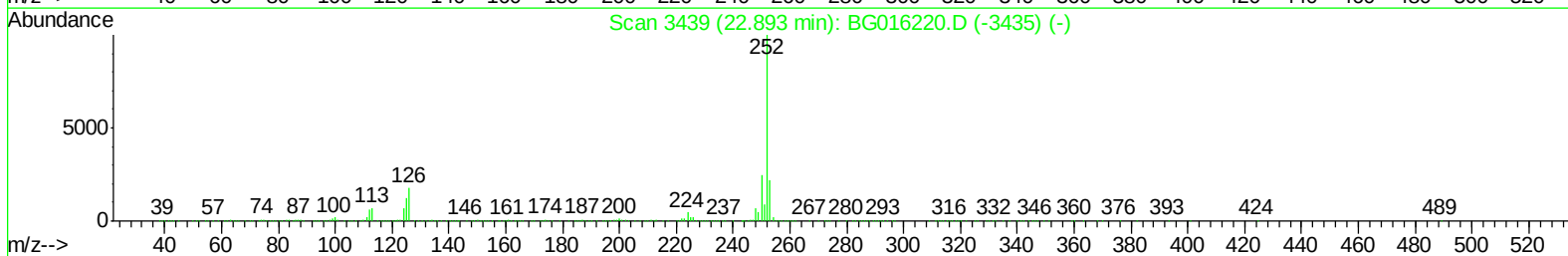
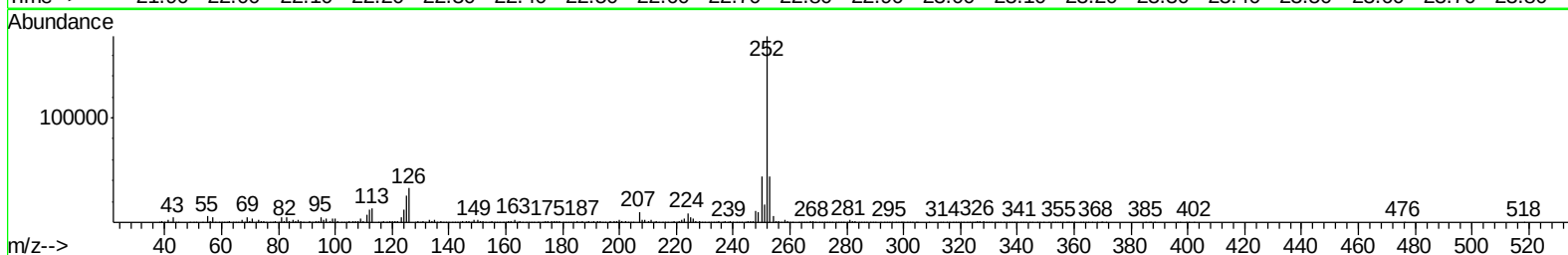
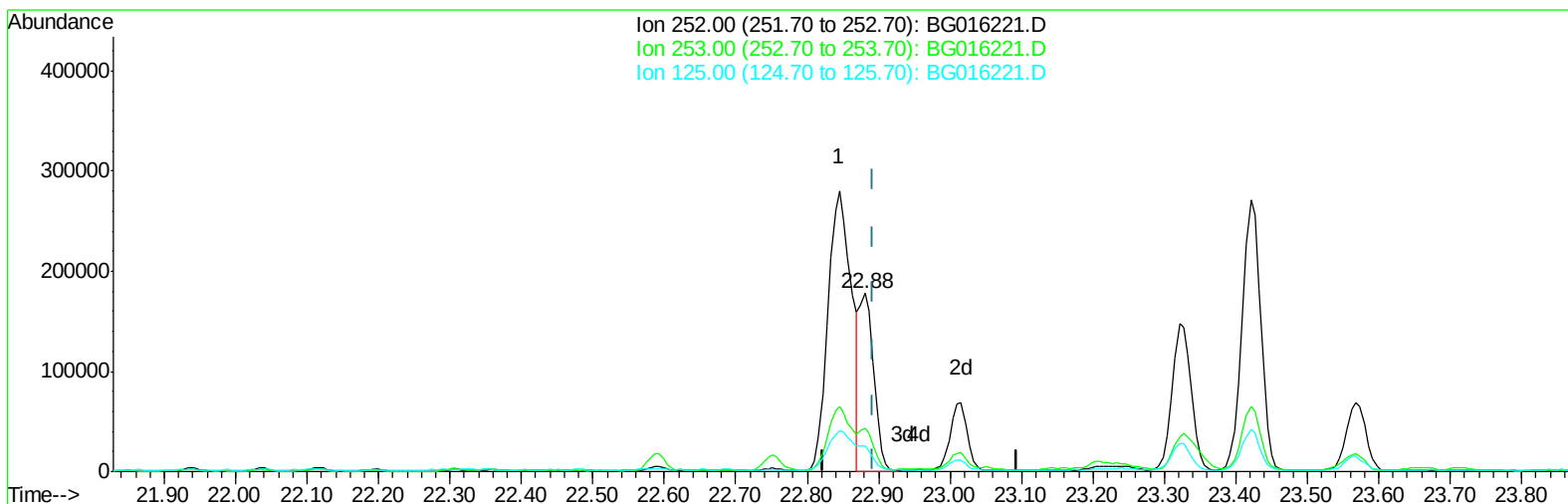
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TIC: BG016221.D

(86) Benzo(k)fluoranthene

22.881min (-0.013) 12.48ng/ul m

response 247104

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	24.43
125.00	14.70	14.21
0.00	0.00	0.00

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apatel
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Quant Time: Apr 03 04:30:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 03 05:14:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	65389	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.49	136	288876	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	174241	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	356824	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	351137	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	344053	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.87	99	9700	1.62	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.03	67	5523	1.59	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.23	132	7678	1.63	ng/ul	-0.01
13) 4-Methylphenol-d8	8.40	113	7976	1.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.86	128	4586	1.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	4666	1.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	6744	1.53	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.62	131	5027	0.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	21778	1.89	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	29313	1.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	4148	1.43	ng/ul	0.00
57) Fluorene-d10	15.34	176	21188	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	1971	0.81	ng/ul	0.00
70) Anthracene-d10	17.19	188	29636	1.81	ng/ul	0.00
76) Pyrene-d10	19.48	212	30436	1.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	26281	1.69	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.54	128	20624	1.33	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	13371	1.22	ng/ul	96
49) Acenaphthene	14.41	153	116830	9.62	ng/ul	98
53) Dibenzofuran	14.74	168	115048	7.29	ng/ul	97
58) Fluorene	15.39	166	163984	11.86	ng/ul	100
69) Phenanthrene	17.13	178	1101269	54.37	ng/ul	97
71) Anthracene	17.22	178	430844	20.81	ng/ul	99
72) Carbazole	17.49	167	93840	4.69	ng/ul	97
74) Fluoranthene	19.15	202	1402667	62.30	ng/ul	98
77) Pyrene	19.51	202	1169759	53.67	ng/ul	99
80) Benzo(a)anthracene	21.25	228	597687	29.41	ng/ul	99
82) Chrysene	21.31	228	488172	25.86	ng/ul	97
85) Benzo(b)fluoranthene	22.85	252	640648	31.18	ng/ul	97
86) Benzo(k)fluoranthene	22.88	252	247104m	12.48	ng/ul	
88) Benzo(a)pyrene	23.42	252	493980	25.22	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.81	276	306444	13.38	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.82	278	78013	4.09	ng/ul	94
91) Benzo(g,h,i)perylene	26.52	276	239575	12.80	ng/ul	99

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

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