

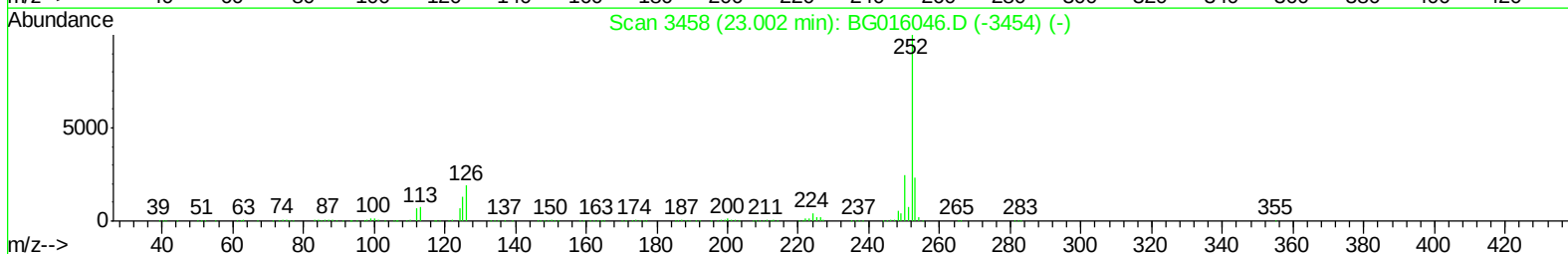
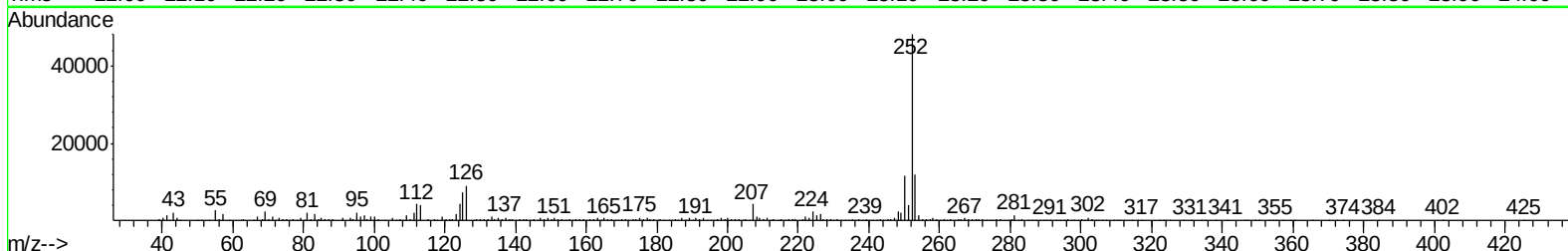
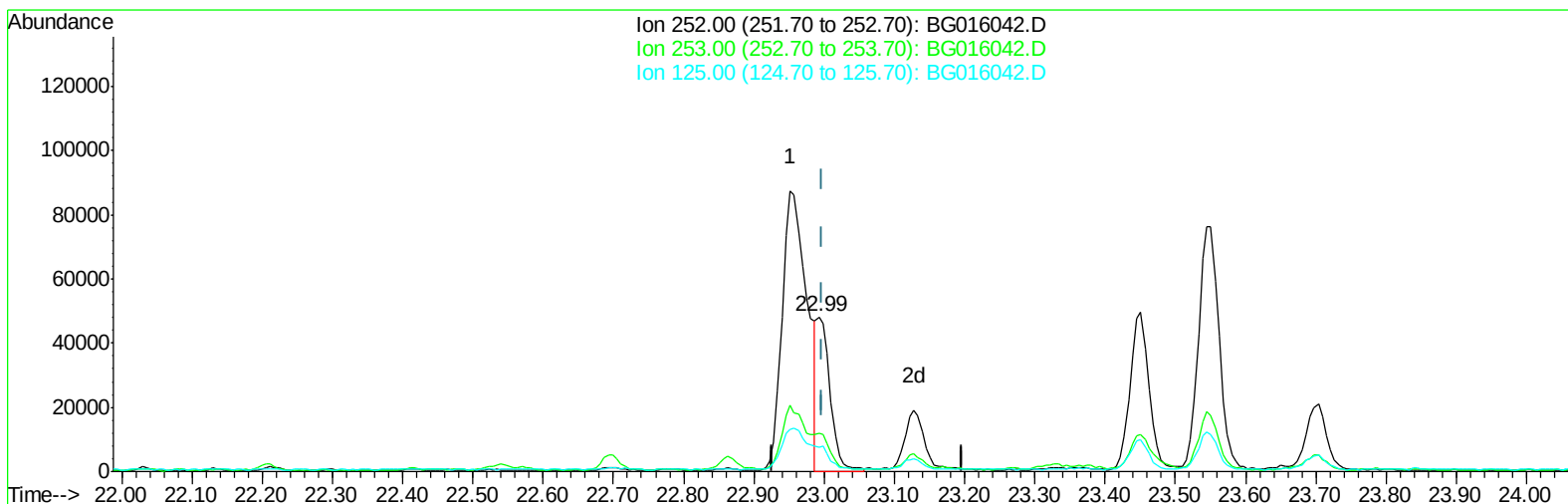
Data Path : Z:\HPCHEM1\BNA_G\Data\BG022515\
Data File : BG016042.D
Acq On : 25 Feb 2015 18:42
Operator : TP/IZ
Sample : G1354-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE3

Manual Integrations
APPROVED

apatel
2/27/2015 10:57:59 AM

Quant Time: Feb 26 01:30:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 26 00:35:32 2015
Response via : Initial Calibration



TIC: BG016042.D

(86) Benzo(k)fluoranthene

22.993min (-0.005) 2.19ng/ul m

response 62508

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	25.16
125.00	14.30	15.63
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG022515\
 Data File : BG016042.D
 Acq On : 25 Feb 2015 18:42
 Operator : TP/IZ
 Sample : G1354-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE3

Manual Integrations
 APPROVED

apatel
 2/27/2015 10:57:59 AM

Quant Time: Feb 26 01:30:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 26 00:35:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	93002	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	426403	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	258844	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	524621	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	519821	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	509867	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	92772	10.49	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.14	67	53110	10.16	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	69507	10.62	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	70232	10.73	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	31895	10.58	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	26452	9.52	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	63869	10.59	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	94872	14.28	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	213678	12.35	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	290093	11.84	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	21588	6.20	ng/ul	0.00
55) Fluorene-d10	15.43	176	207665	11.94	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	8558	4.23	ng/ul	0.00
68) Anthracene-d10	17.27	188	298730	12.01	ng/ul	0.00
76) Pyrene-d10	19.56	212	301845	12.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	278378	12.04	ng/ul	0.00

Target Compounds

						Qvalue
4) Phenol	7.00	94	10967	1.18	ng/ul	96
42) Dimethylphthalate	13.89	163	19459	1.08	ng/ul	98
67) Phenanthrene	17.22	178	136978	4.69	ng/ul	98
69) Anthracene	17.31	178	34522	1.16	ng/ul	99
74) Fluoranthene	19.23	202	308493	9.67	ng/ul	99
77) Pyrene	19.59	202	255974	8.10	ng/ul	97
80) Benzo(a)anthracene	21.33	228	164749	5.70	ng/ul	100
82) Chrysene	21.38	228	145300	5.27	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	217061	7.63	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	62508m	2.19	ng/ul	
88) Benzo(a)pyrene	23.55	252	151998	5.38	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.99	276	96983	2.95	ng/ul	97
91) Benzo(g,h,i)perylene	26.72	276	81099	2.95	ng/ul	98

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

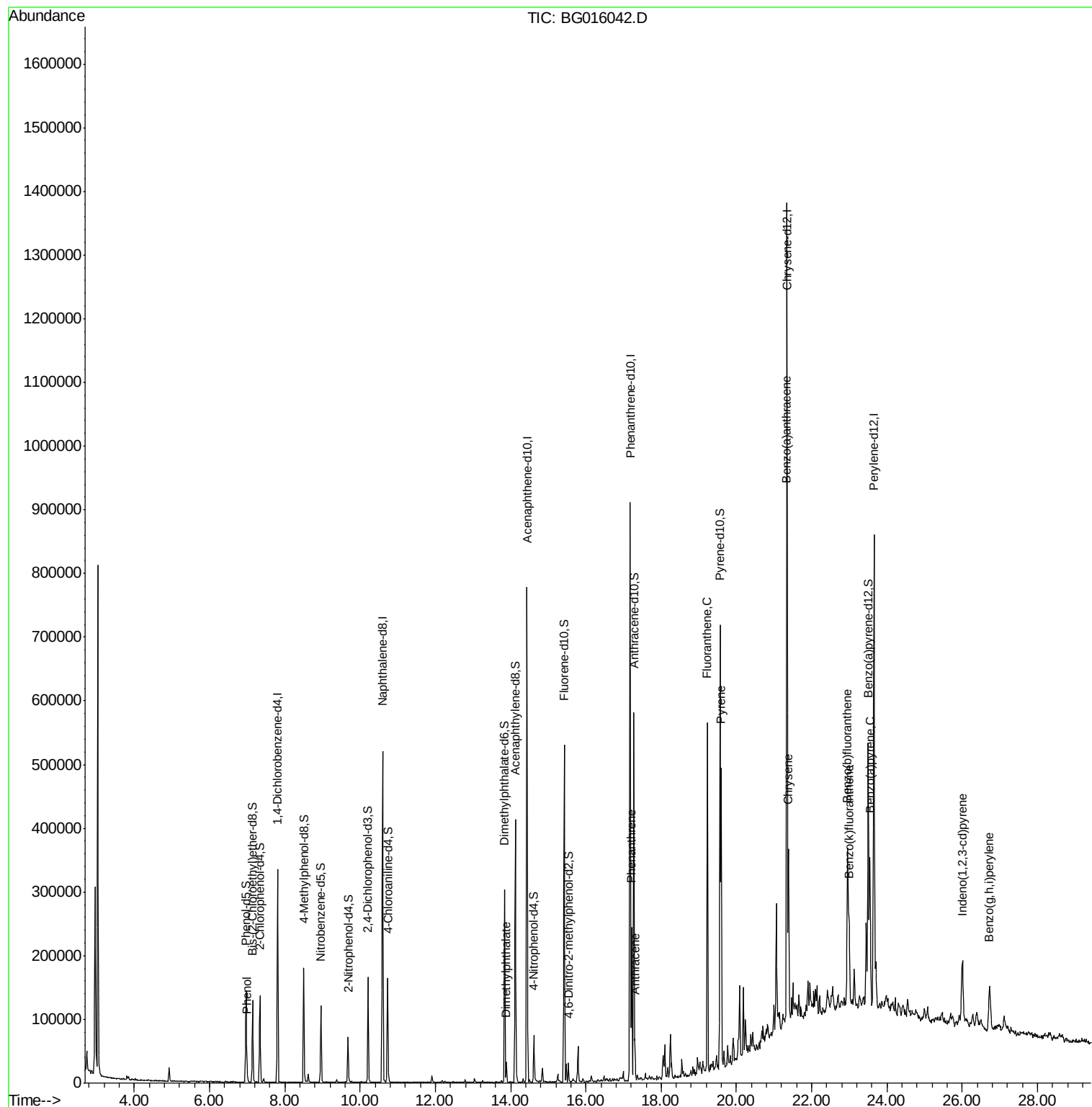
Data Path : Z:\HPCHEM1\BNA_G\Data\BG022515\
Data File : BG016042.D
Acq On : 25 Feb 2015 18:42
Operator : TP/IZ
Sample : G1354-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AE3

Manual Integrations
APPROVED

apatel
2/27/2015 10:57:59 AM

Quant Time: Feb 26 01:30:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 26 00:35:32 2015
Response via : Initial Calibration



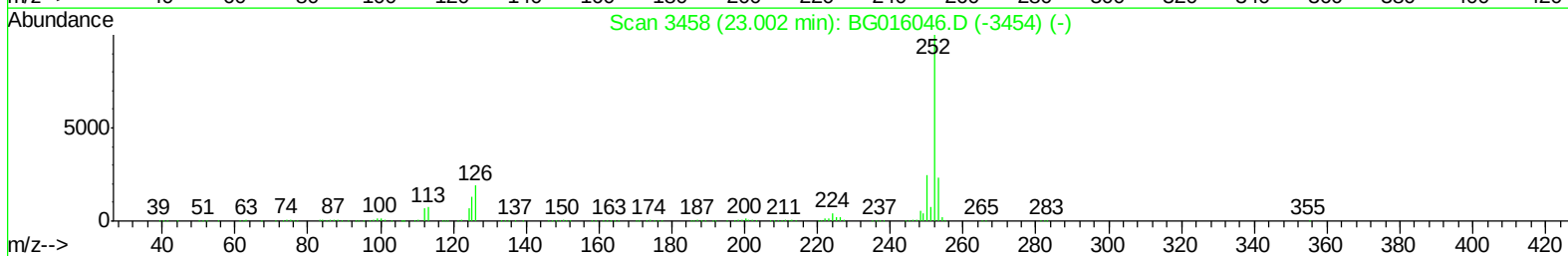
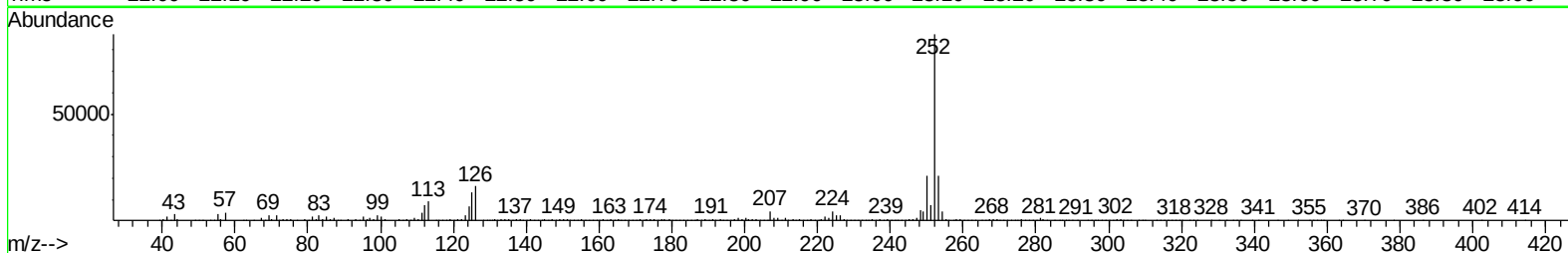
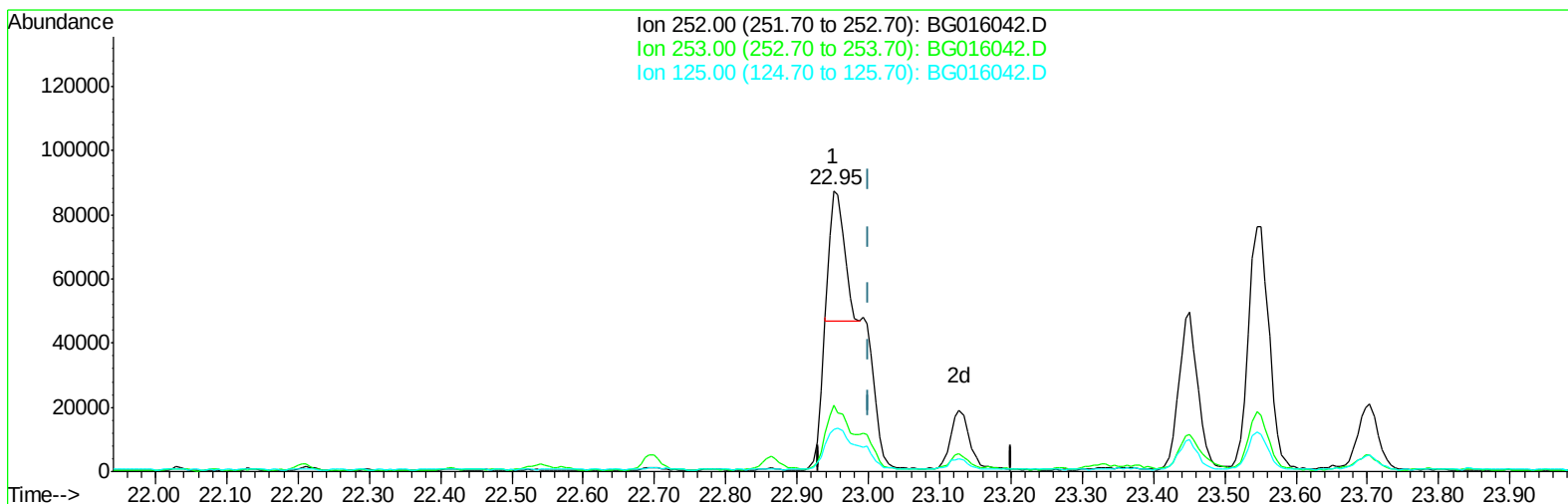
Data Path : Z:\HPCHEM1\BNA_G\Data\BG022515\
Data File : BG016042.D
Acq On : 25 Feb 2015 18:42
Operator : TP/IZ
Sample : G1354-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE3

Manual Integrations
APPROVED

apatel
2/27/2015 10:57:59 AM

Quant Time: Mar 04 10:55:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 05:38:39 2015
Response via : Initial Calibration



TIC: BG016042.D

(86) Benzo(k)fluoranthene

22.951min (-0.050) 1.96ng/ul

response 56025

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.84
125.00	14.30	15.16
0.00	0.00	0.00