

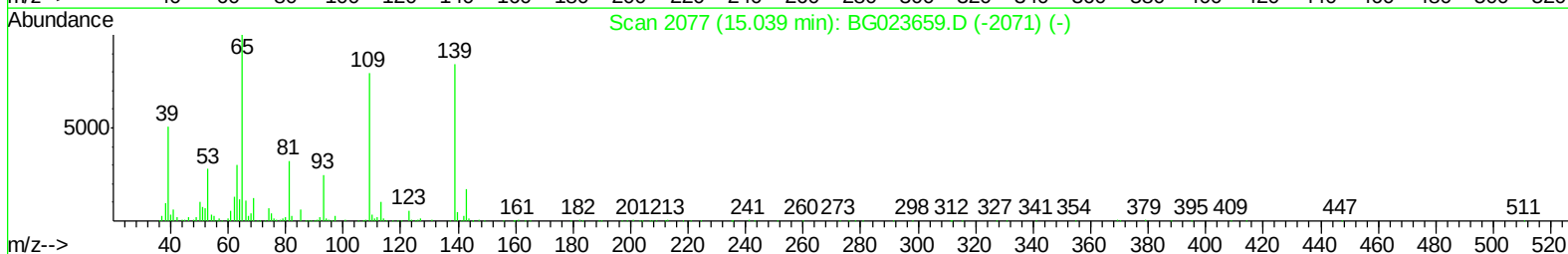
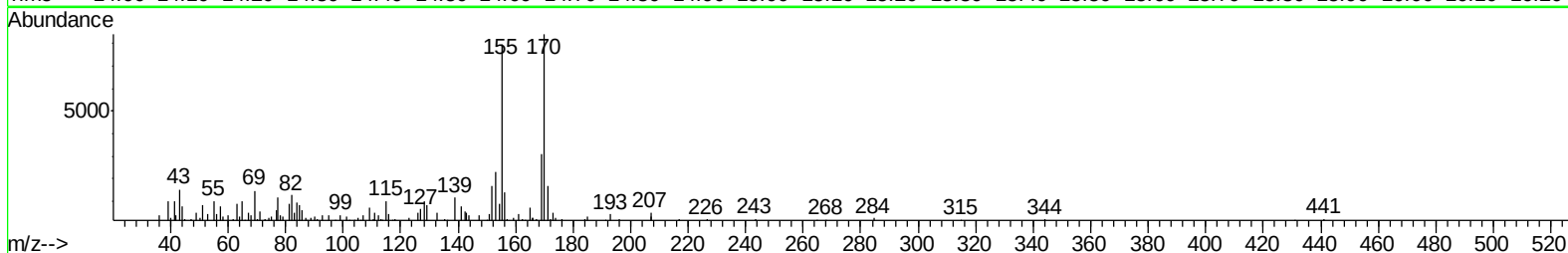
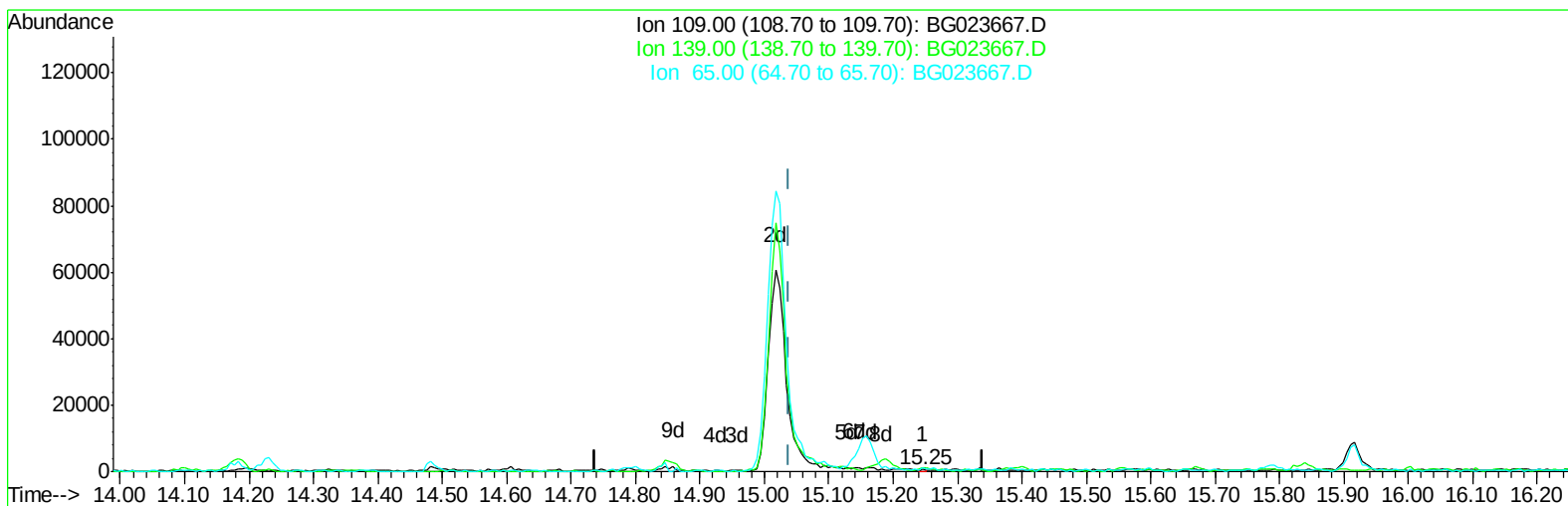
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023667.D
Acq On : 12 Aug 2016 22:13
Operator : UM/SJ
Sample : H4385-21MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01MS

Manual Integrations
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Quant Time: Aug 13 03:21:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration



TIC: BG023667.D

(52) 4-Nitrophenol

15.246min (+0.207) 0.04ng/ul

response 275

Ion	Exp%	Act%
109.00	100	100
139.00	170.10	163.92
65.00	132.50	140.91
0.00	0.00	0.00

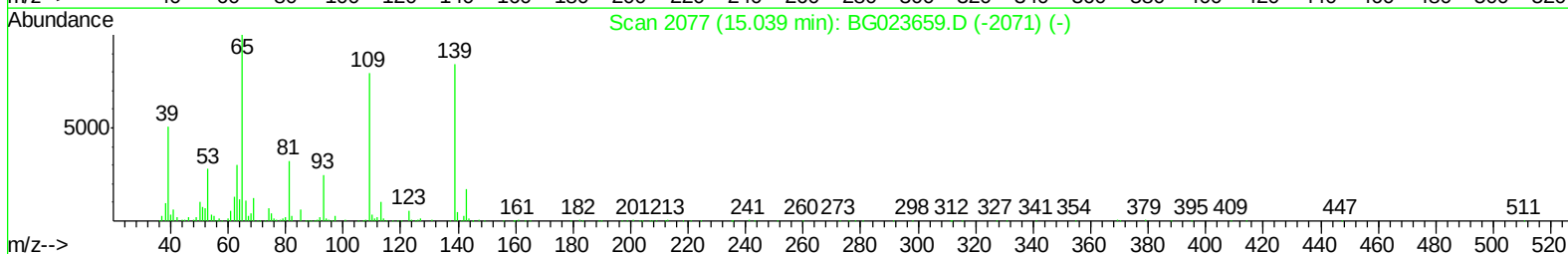
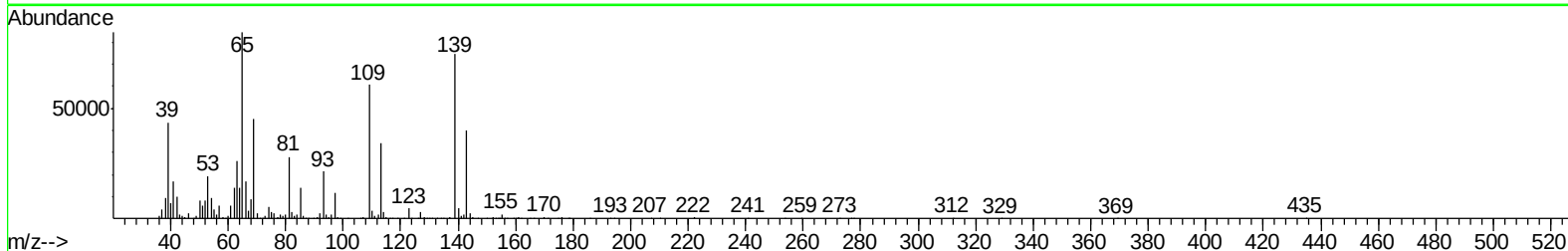
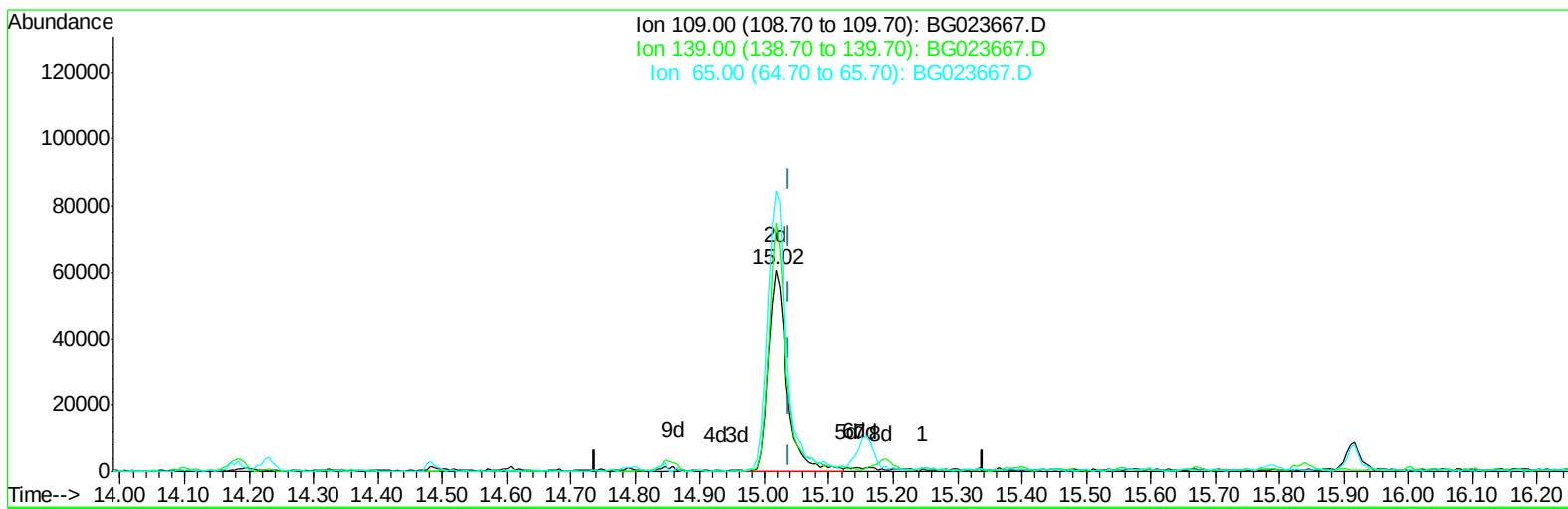
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(52) 4-Nitrophenol

15.017min (-0.022) 19.77ng/ul m

response 124223

Ion	Exp%	Act%
109.00	100	100
139.00	170.10	123.29#
65.00	132.50	138.97
0.00	0.00	0.00

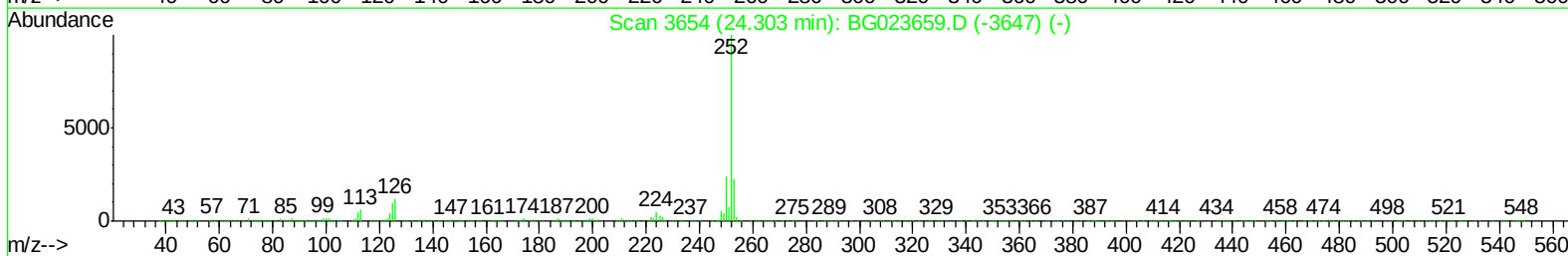
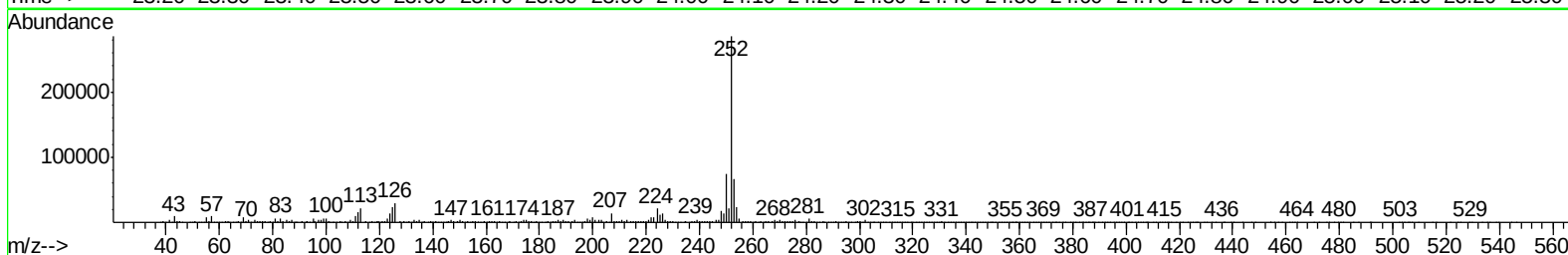
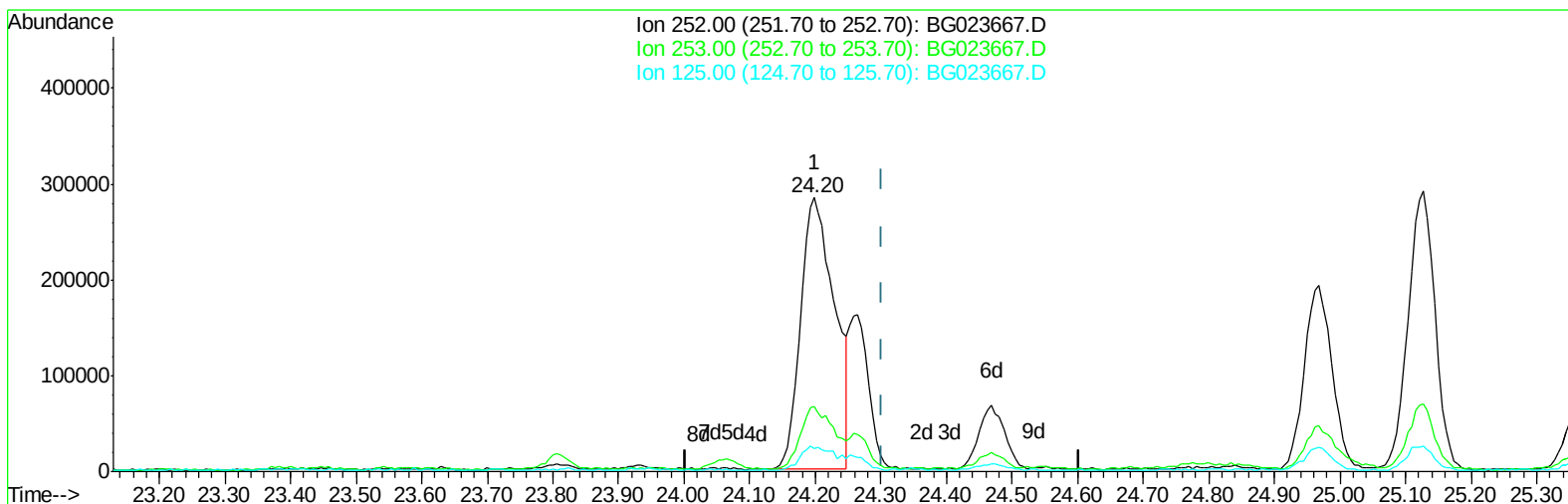
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Operator : UM/SJ
Sample : H4385-21MS
Misc :
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Instrument :
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TIC: BG023667.D

(86) Benzo(k)fluoranthene

24.199min (-0.104) 18.05ng/ul

response 1008382

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.59
125.00	13.30	8.28#
0.00	0.00	0.00

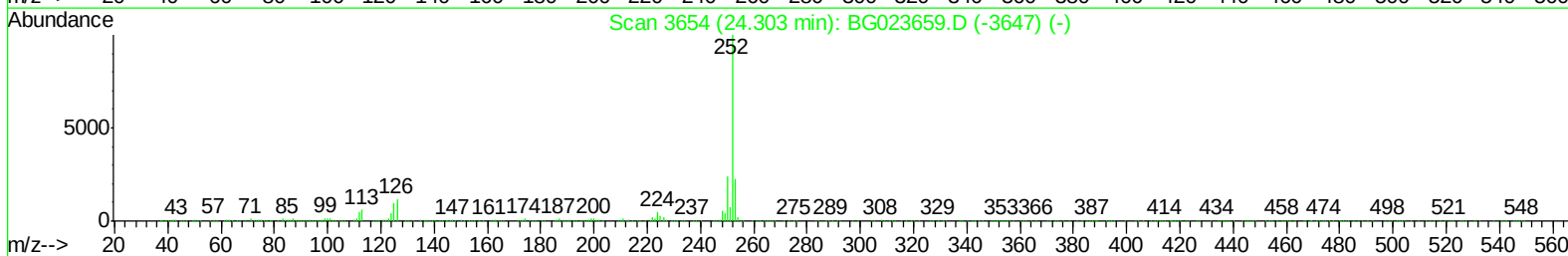
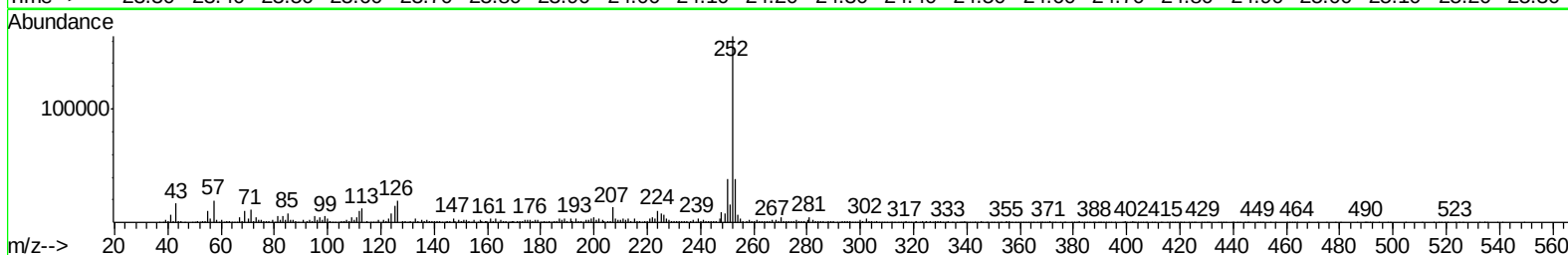
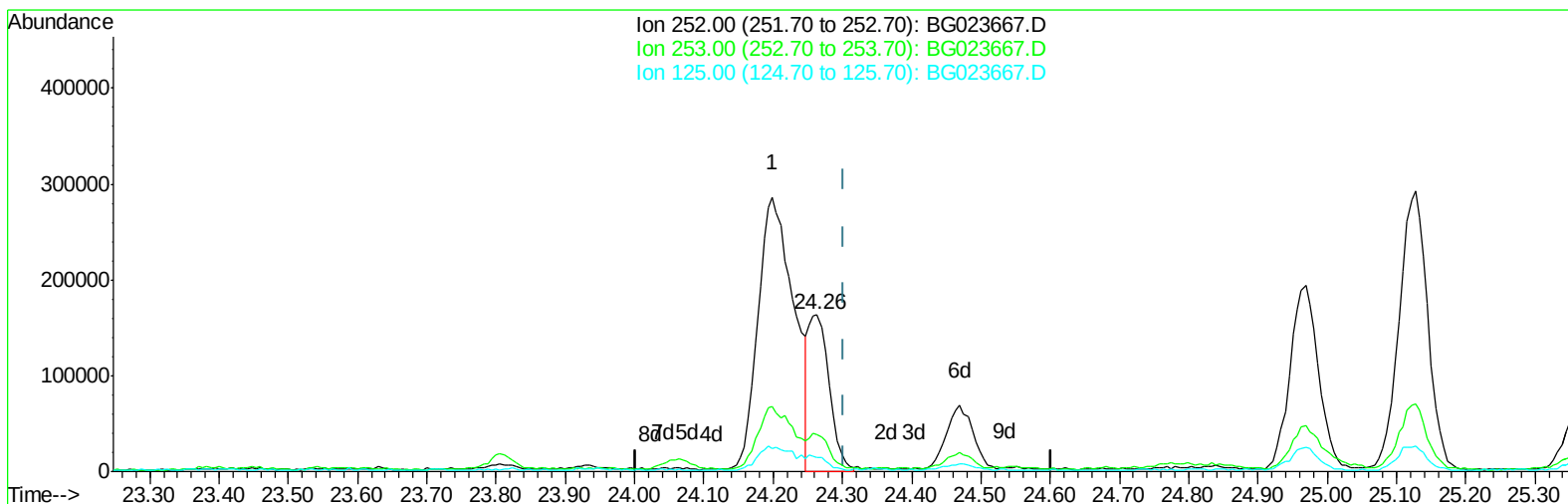
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TIC: BG023667.D

(86) Benzo(k)fluoranthene

24.264min (-0.039) 6.12ng/ul m

response 341860

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.68#
125.00	13.30	9.09#
0.00	0.00	0.00

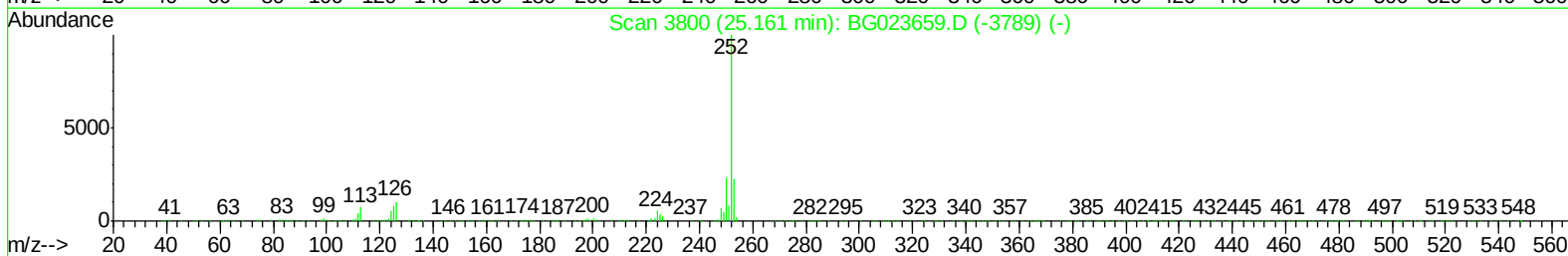
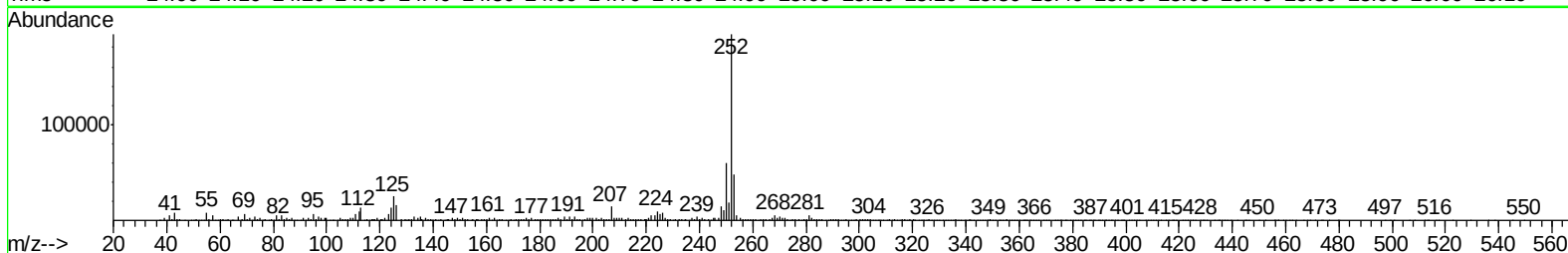
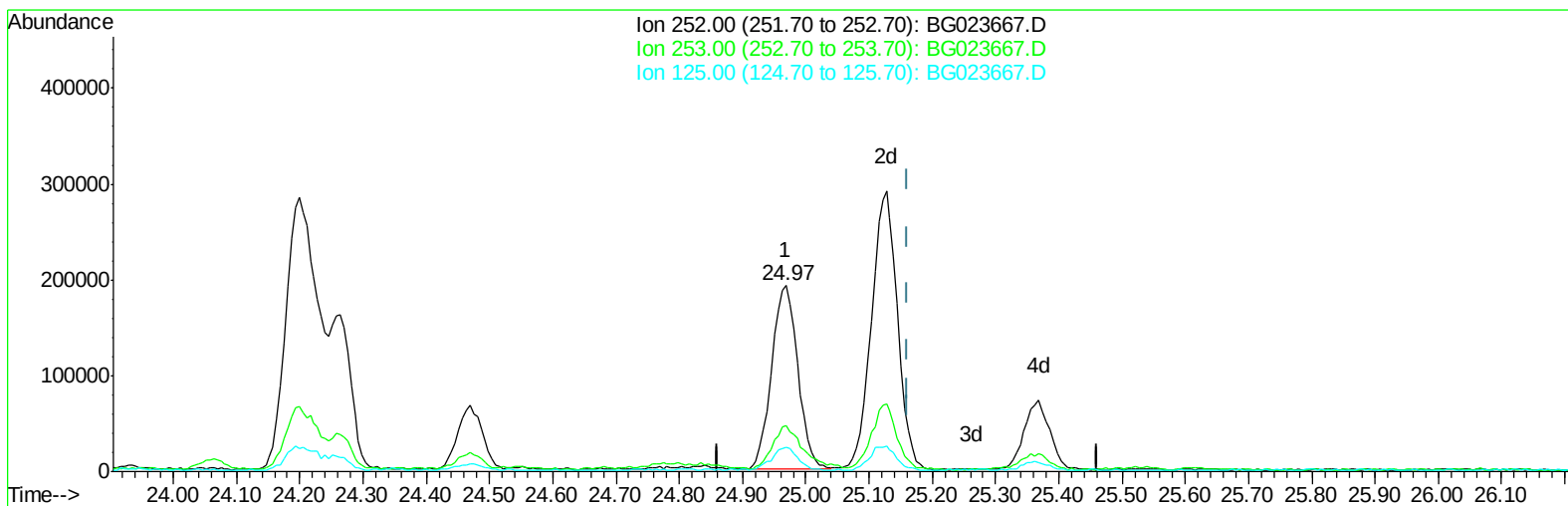
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG023667.D

(88) Benzo(a)pyrene (C)

24.968min (-0.192) 9.94ng/ul

response 544726

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	25.07
125.00	15.00	12.97
0.00	0.00	0.00

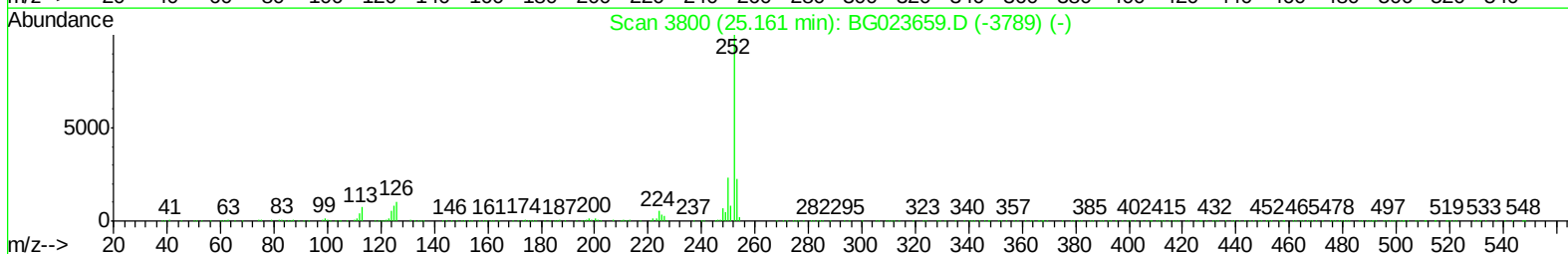
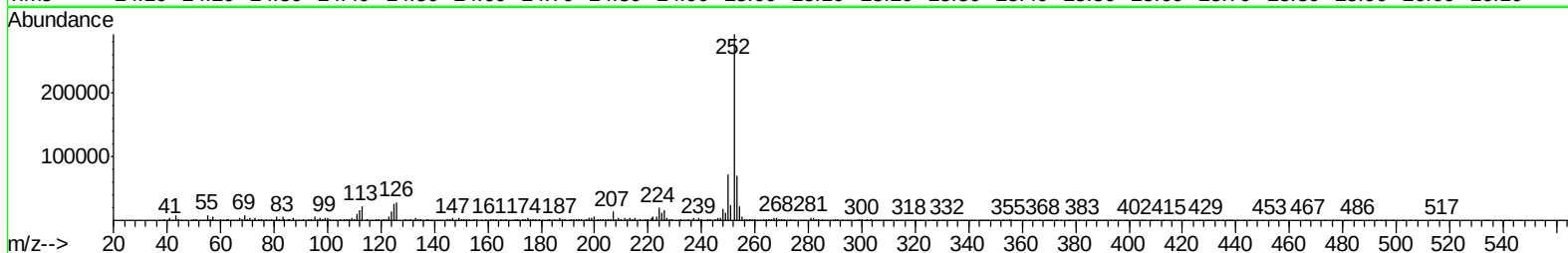
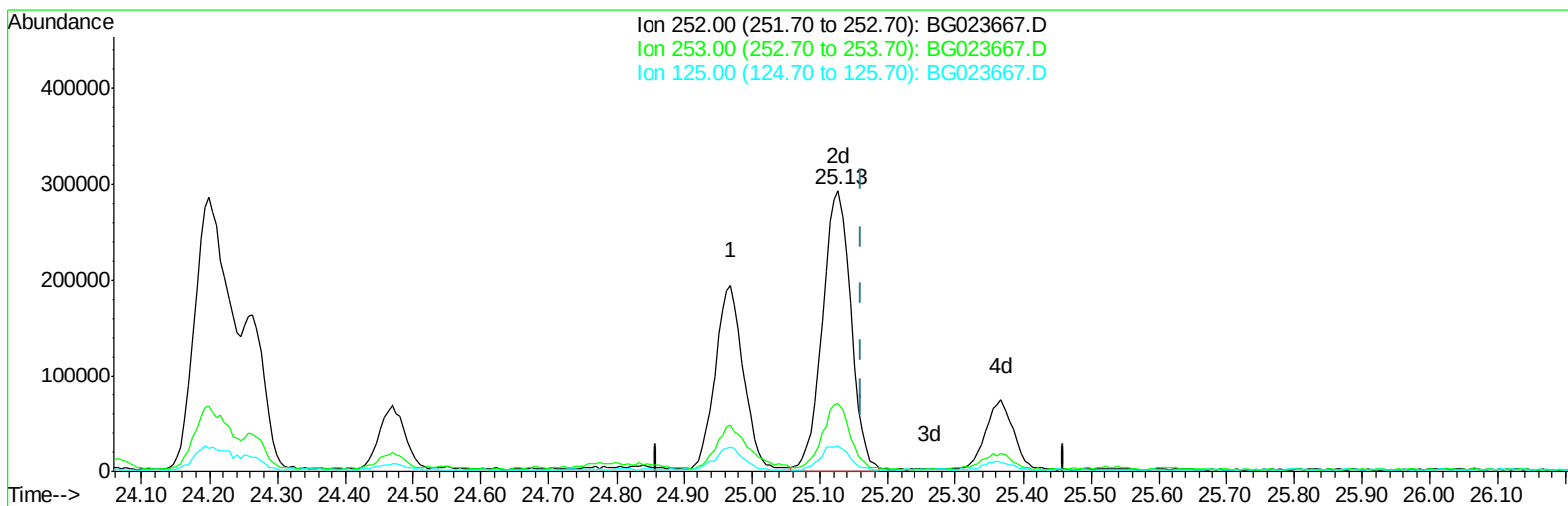
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Data File : BG023667.D
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Operator : UM/SJ
Sample : H4385-21MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG023667.D

(88) Benzo(a)pyrene (C)

25.127min (-0.034) 15.52ng/ul m

response 850416

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	23.98
125.00	15.00	9.16#
0.00	0.00	0.00

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Manual Integrations
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 8/15/2016 6:50:00 PM

Quant Time: Aug 13 04:47:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 03:19:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	139674	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	652865	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	448798	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.55	188	974942	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	978461	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	997565	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	9654	2.94	ng/uL	0.00
5) Phenol-d5	7.27	99	281632	20.02	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	181537	20.14	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	199131	20.75	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	223556	20.35	ng/ul	-0.02
19) Nitrobenzene-d5	9.30	128	112946	21.95	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	135182	22.87	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	244112	21.90	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	272262	20.82	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	836928	22.78	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	979950	23.70	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	144602	23.05	ng/ul	-0.02
57) Fluorene-d10	15.79	176	759521	22.37	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	140573	22.47	ng/ul	-0.02
70) Anthracene-d10	17.65	188	1103801	25.13	ng/ul	-0.01
76) Pyrene-d10	19.95	212	1182601	23.88	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.04	264	1150889	25.49	ng/ul	-0.05

Target Compounds

						Qvalue
6) Phenol	7.30	94	298222	20.35	ng/ul#	71
10) 2-Chlorophenol	7.67	128	202776	20.74	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.92	70	223723	21.11	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.24	107	337082	23.30	ng/ul	84
44) Dimethylphthalate	14.23	163	456649	12.55	ng/ul	100
47) Acenaphthylene	14.51	152	104112	2.41	ng/ul	97
49) Acenaphthene	14.85	153	711746	24.15	ng/ul	96
52) 4-Nitrophenol	15.02	109	124223m	19.77	ng/ul	
54) 2,4-Dinitrotoluene	15.16	165	279526	23.39	ng/ul#	74
58) Fluorene	15.84	166	44818	1.23	ng/ul#	90
68) Pentachlorophenol	17.21	266	150622	22.92	ng/ul	93
69) Phenanthrene	17.60	178	723279	14.32	ng/ul	99
71) Anthracene	17.69	178	147194	2.86	ng/ul	95
74) Fluoranthene	19.61	202	1449810	28.05	ng/ul	94
77) Pyrene	19.98	202	2677019	44.26	ng/ul	99
80) Benzo(a)anthracene	21.86	228	918865	16.68	ng/ul#	95
82) Chrysene	21.93	228	933385	18.63	ng/ul#	94
85) Benzo(b)fluoranthene	24.20	252	1008382	17.77	ng/ul#	94
86) Benzo(k)fluoranthene	24.26	252	341860m	6.12	ng/ul	
88) Benzo(a)pyrene	25.13	252	850416m	15.52	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.19	276	499244	7.76	ng/ul#	87
91) Benzo(g,h,i)perylene	30.41	276	478857	8.97	ng/ul#	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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