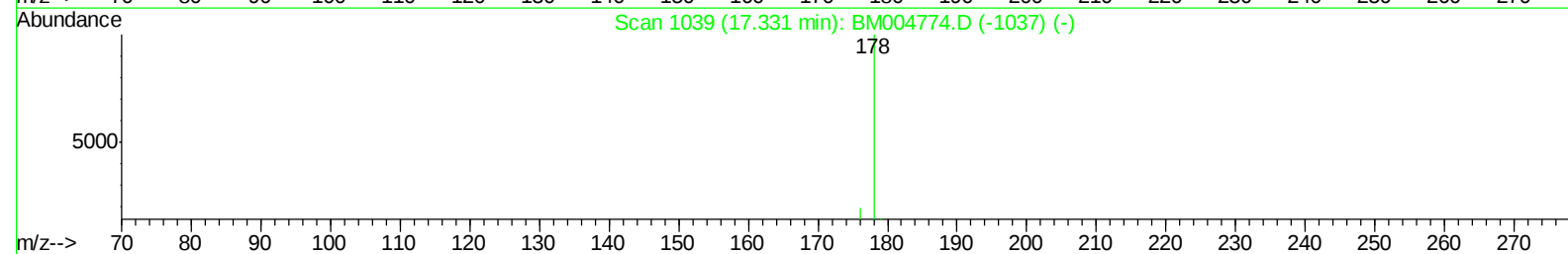
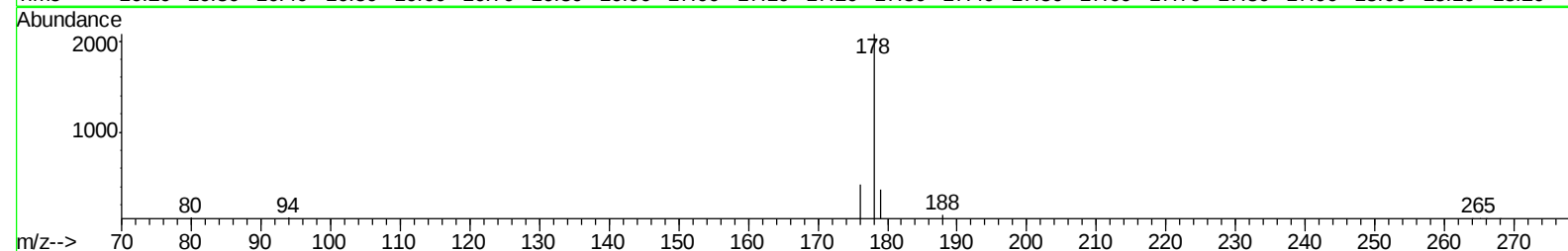
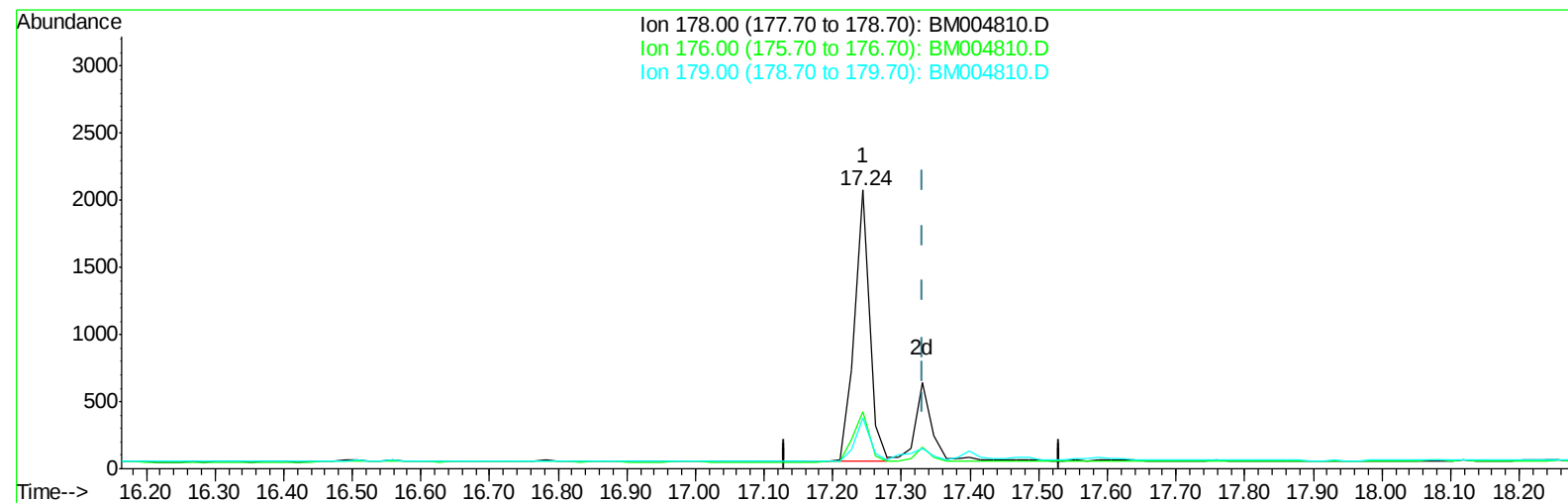


Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004810.D
Acq On : 28 Mar 2016 18:40
Operator : UM/SJ
Sample : H1909-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 05 20:03:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004810.D

(15) Anthracene

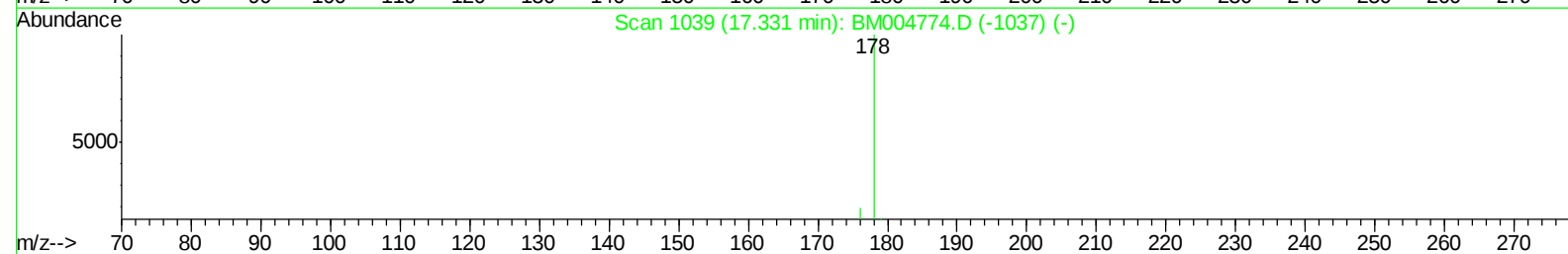
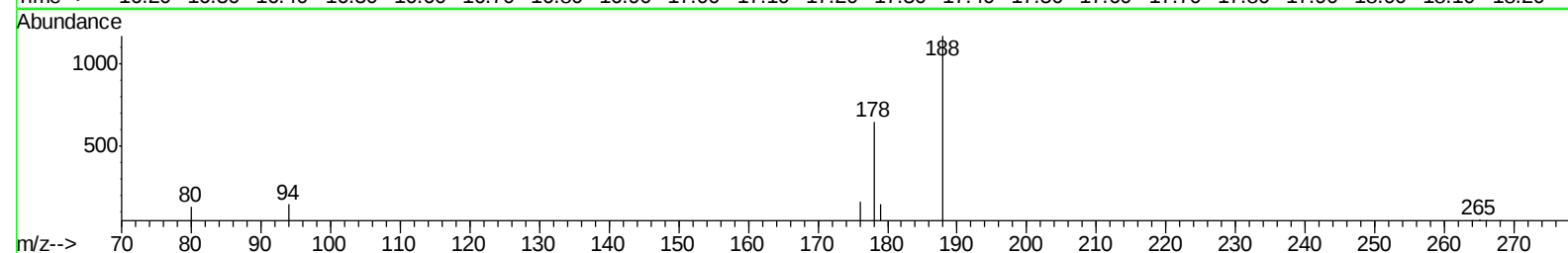
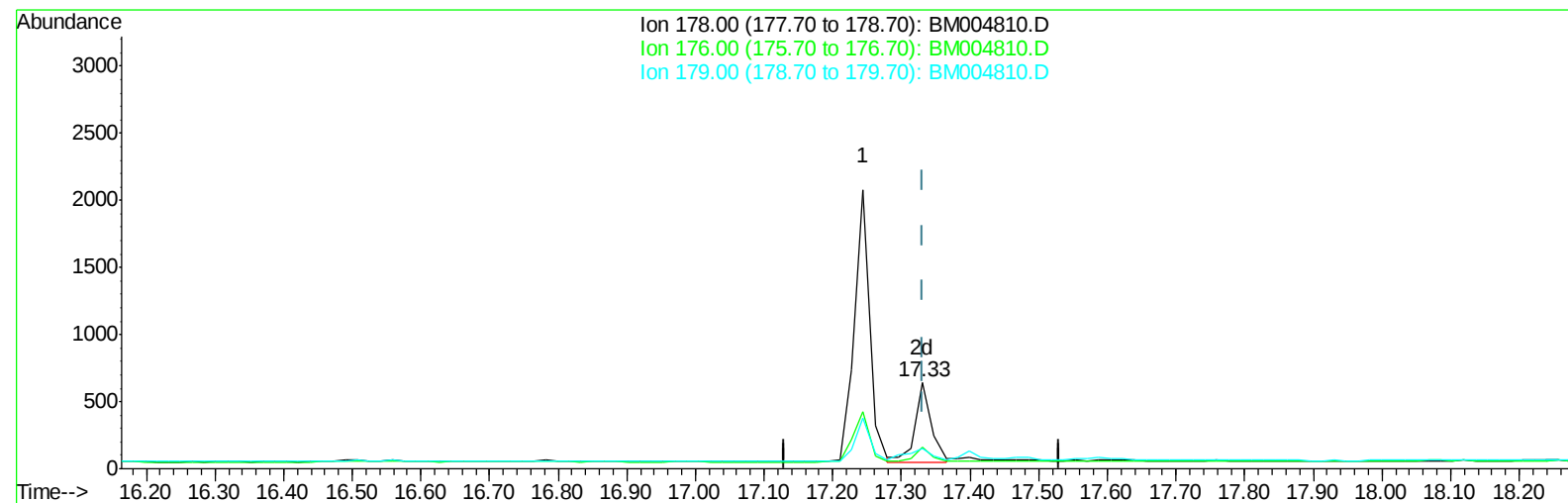
17.245min (-0.086) 0.20ng/ul

response 3104

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	20.45
179.00	16.10	18.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004810.D
Acq On : 28 Mar 2016 18:40
Operator : UM/SJ
Sample : H1909-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 05 20:03:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
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QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004810.D

(15) Anthracene

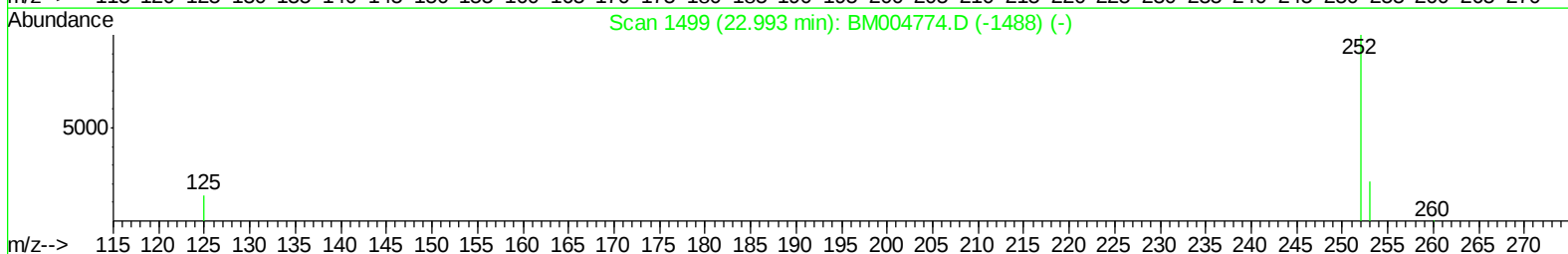
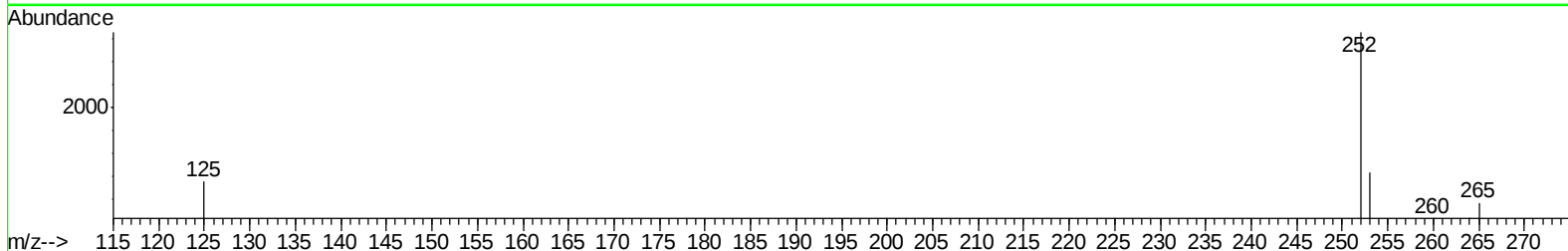
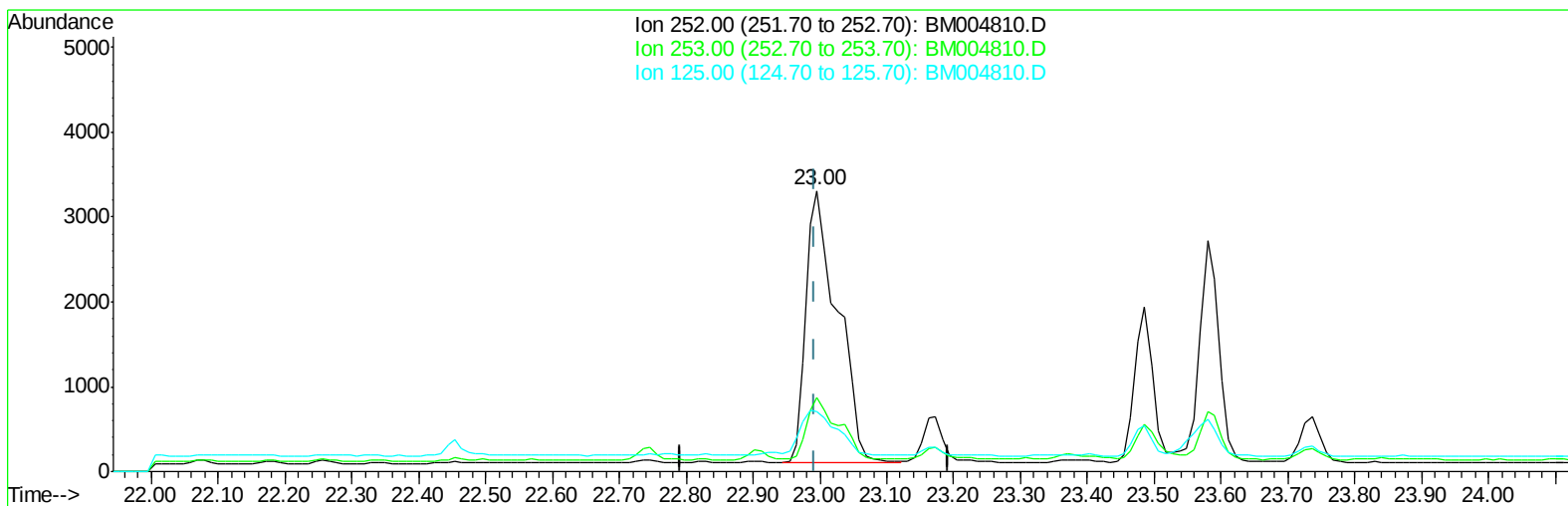
17.330min (-0.000) 0.06ng/ul m

response 974

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	25.35#
179.00	16.10	23.02#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004810.D
Acq On : 28 Mar 2016 18:40
Operator : UM/SJ
Sample : H1909-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 05 20:03:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
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TIC: BM004810.D

(23) Benzo(b)fluoranthene

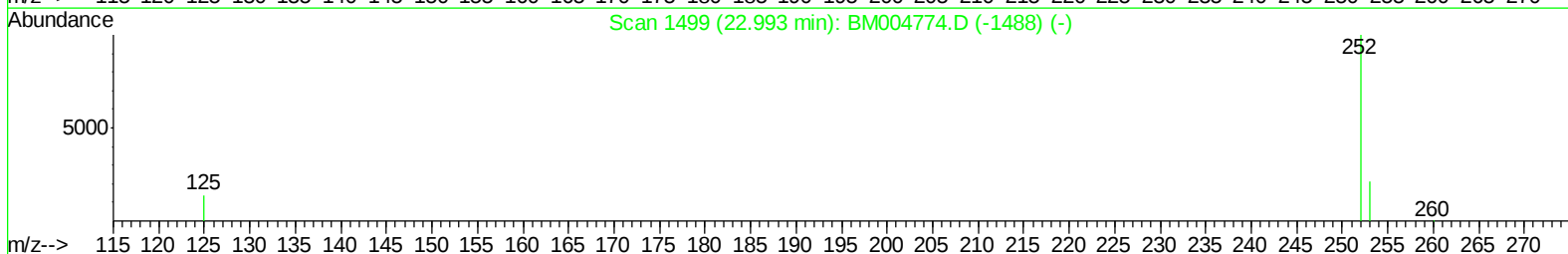
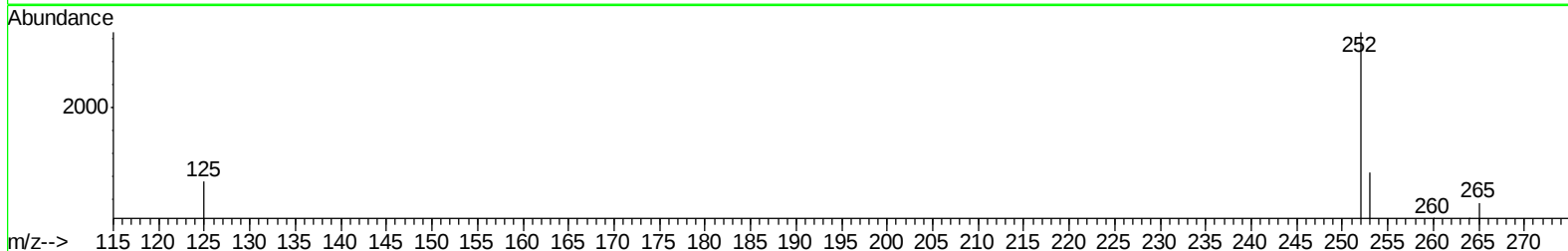
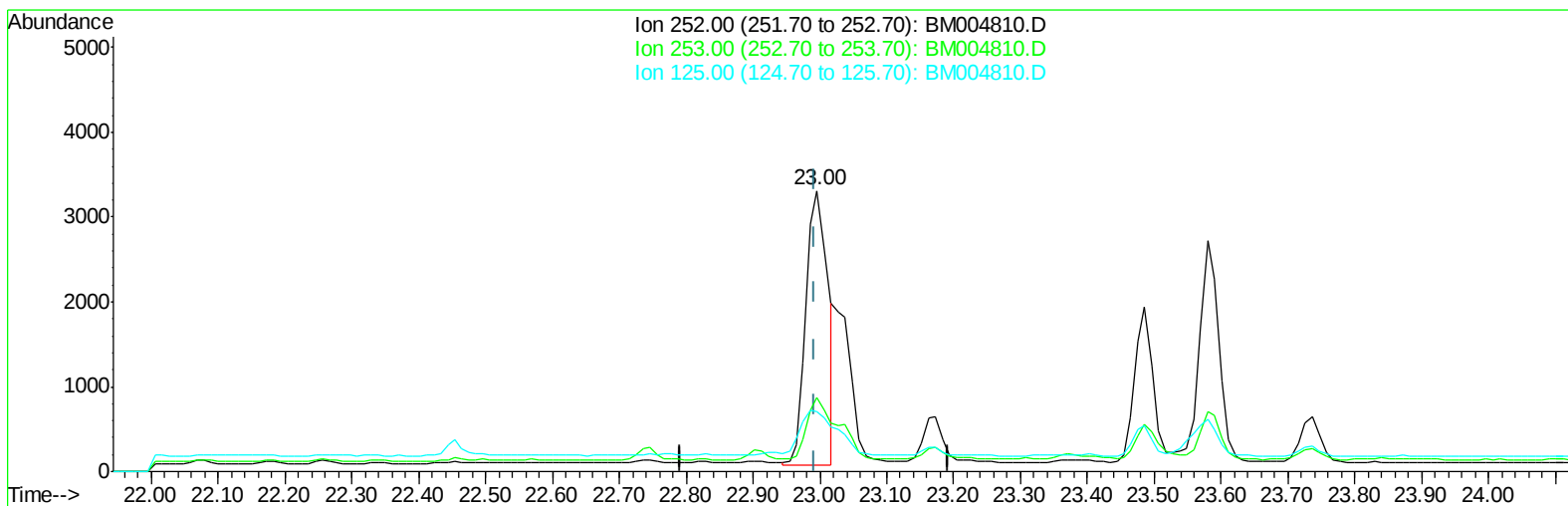
22.996min (+0.003) 0.57ng/ul

response 10445

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.15
125.00	14.40	21.22
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004810.D
Acq On : 28 Mar 2016 18:40
Operator : UM/SJ
Sample : H1909-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 05 20:03:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
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TIC: BM004810.D

(23) Benzo(b)fluoranthene

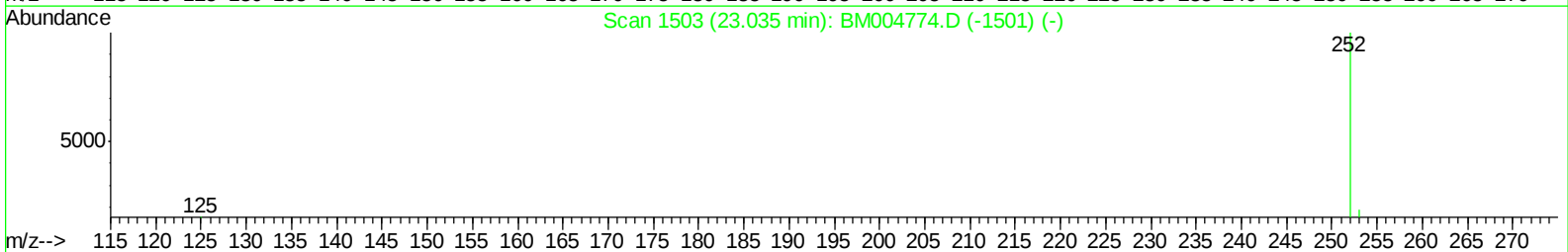
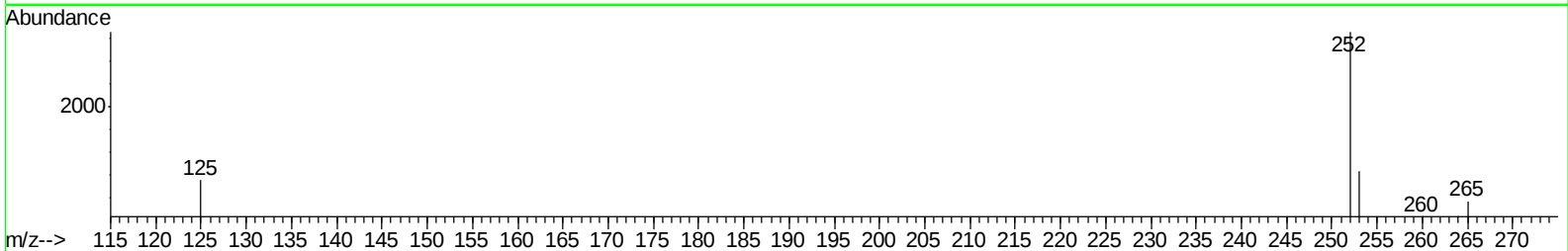
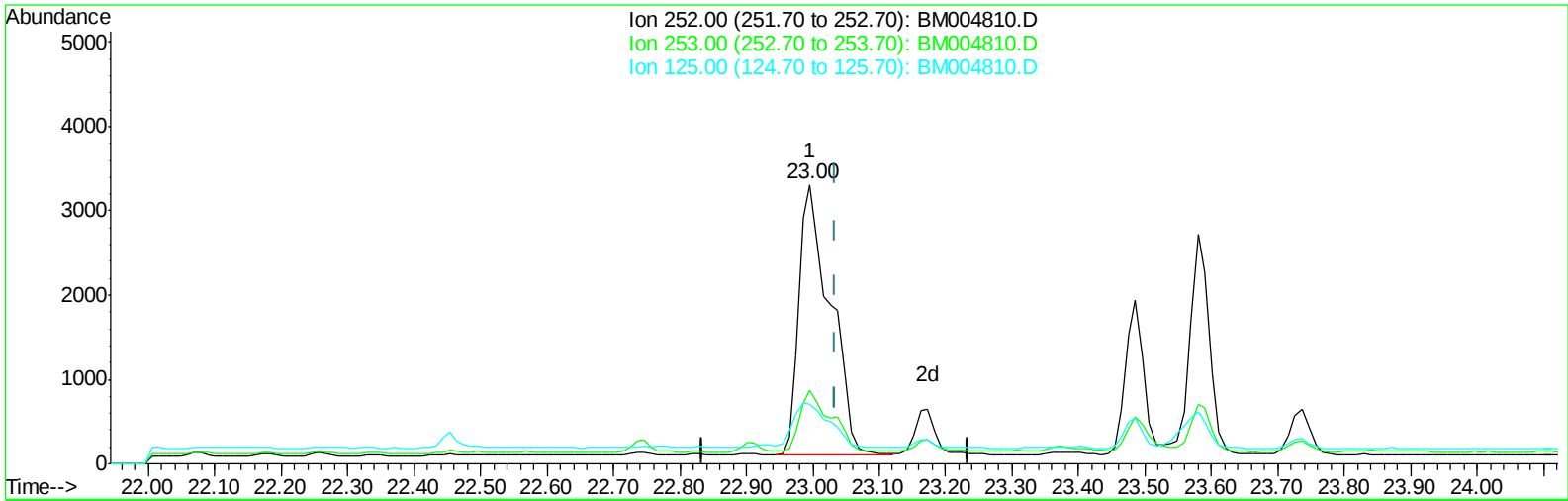
22.996min (+0.003) 0.41ng/ul m

response 7535

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.15
125.00	14.40	21.22
0.00	0.00	0.00

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Acq On : 28 Mar 2016 18:40
Operator : UM/SJ
Sample : H1909-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 05 20:03:39 2016
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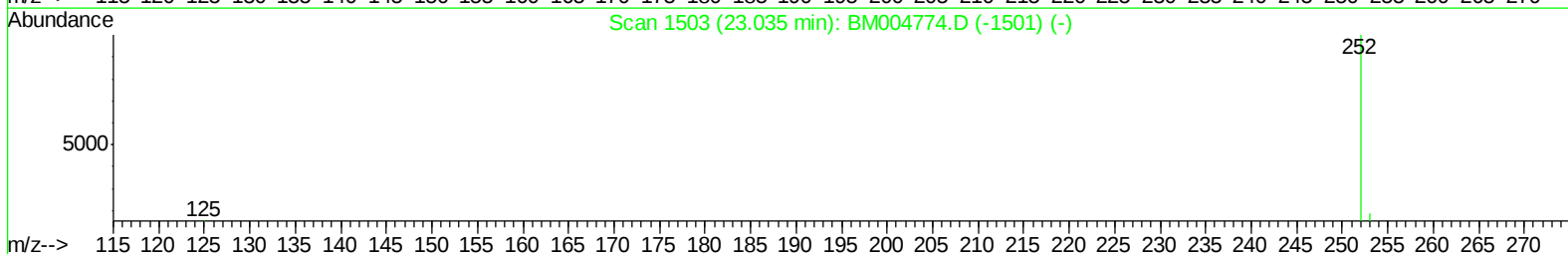
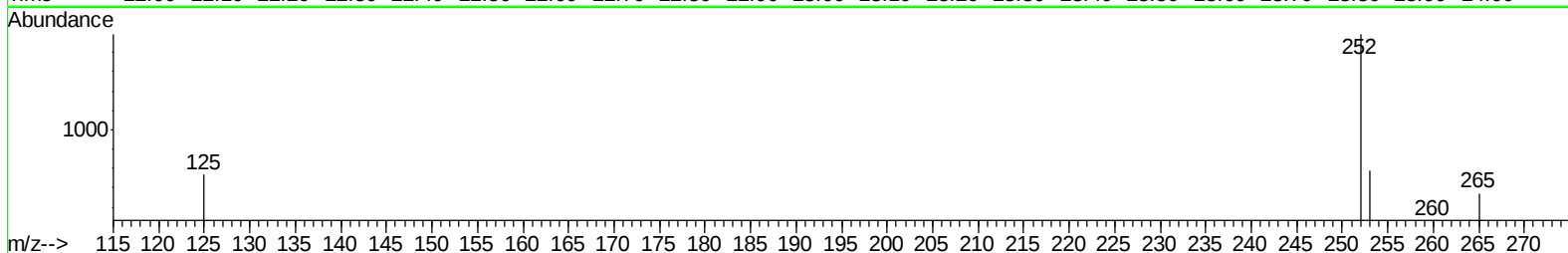
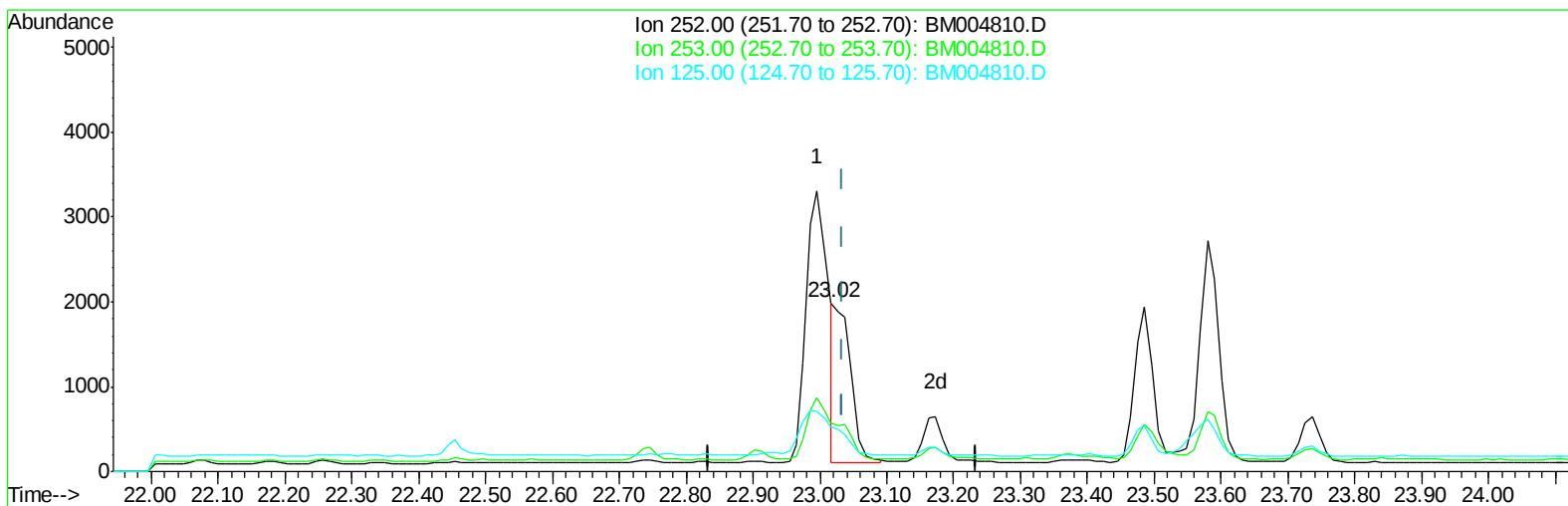
TIC: BM004810.D

(24) Benzo(k)fluoranthene
22.996min (-0.039) 0.62ng/ul
response 10445

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	26.15
125.00	13.00	21.22#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004810.D
Acq On : 28 Mar 2016 18:40
Operator : UM/SJ
Sample : H1909-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 05 20:03:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
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TIC: BM004810.D

(24) Benzo(k)fluoranthene

23.017min (-0.018) 0.18ng/ul m

response 3055

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	29.06
125.00	13.00	26.85#
0.00	0.00	0.00

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 Acq On : 28 Mar 2016 18:40
 Operator : UM/SJ
 Sample : H1909-12DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 05 20:05:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1017	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4542	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2588	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5796	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	6050	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	5402	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	727	1.59	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	289	0.05	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	718	0.05	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.67	128	547	0.05	ng/ul#	66
9) Acenaphthylene	14.18	152	793	0.07	ng/ul#	84
14) Phenanthrene	17.24	178	3106	0.19	ng/ul#	95
15) Anthracene	17.33	178	974m	0.06	ng/ul	
17) Fluoranthene	19.26	202	10540	0.57	ng/ul	92
19) Pyrene	19.62	202	10446	0.50	ng/ul	96
20) Benzo(a)anthracene	21.37	228	6176	0.33	ng/ul#	90
21) Chrysene	21.42	228	5536	0.31	ng/ul#	92
23) Benzo(b)fluoranthene	23.00	252	7535m	0.41	ng/ul	
24) Benzo(k)fluoranthene	23.02	252	3055m	0.18	ng/ul	
25) Benzo(a)pyrene	23.58	252	5253	0.32	ng/ul#	91
26) Indeno(1,2,3-cd)pyrene	26.01	276	2643	0.17	ng/ul#	88
27) Dibenzo(a,h)anthracene	26.02	278	649	0.05	ng/ul#	41
28) Benzo(g,h,i)perylene	26.72	276	2315	0.18	ng/ul#	83

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

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