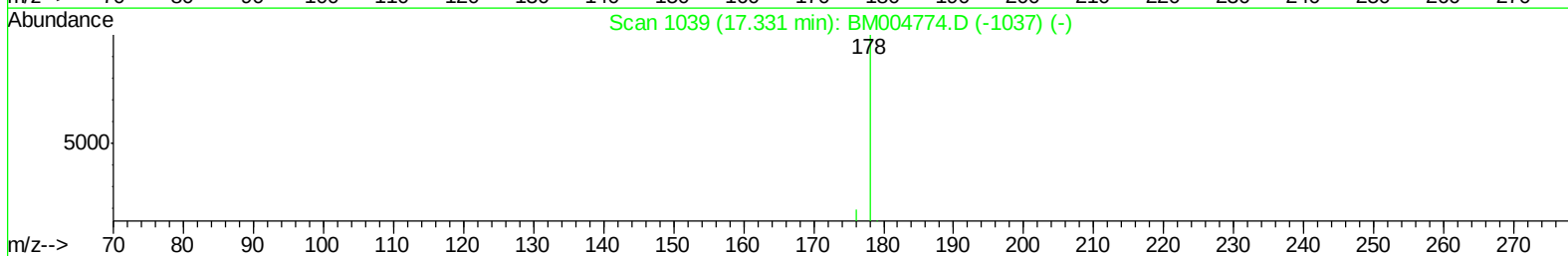
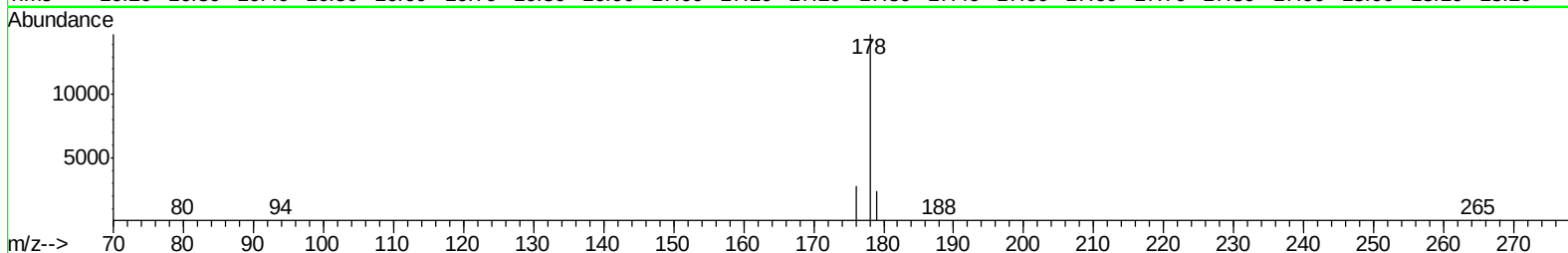
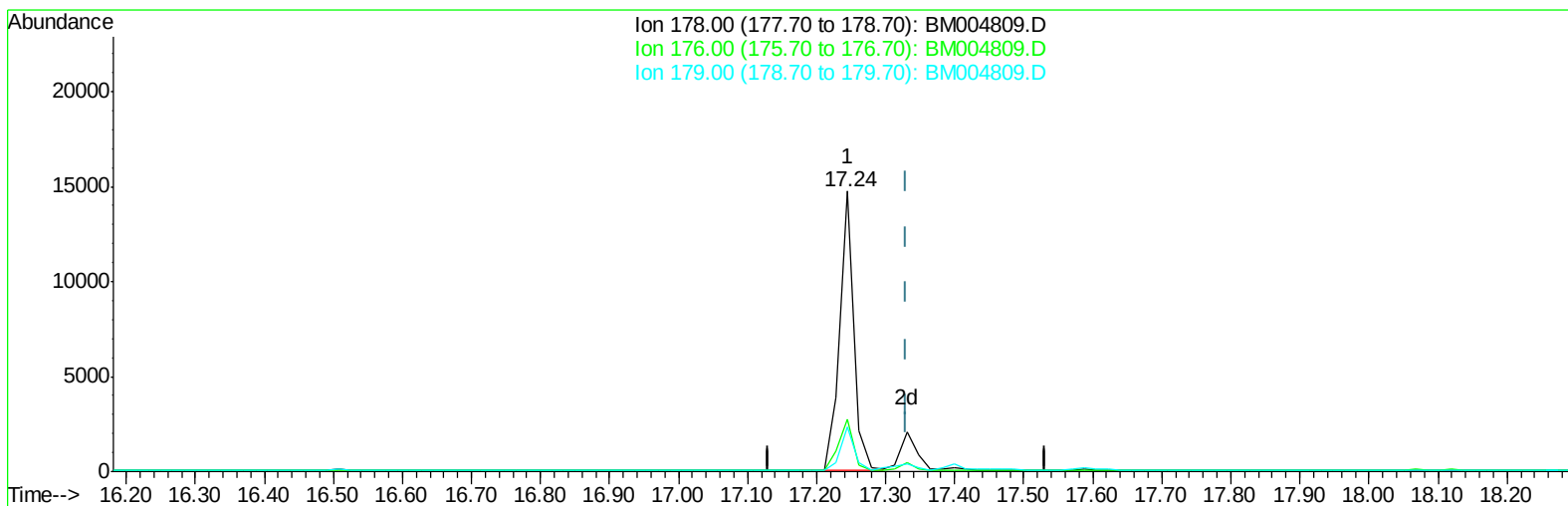


Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004809.D
Acq On : 28 Mar 2016 18:04
Operator : UM/SJ
Sample : H1909-04DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 05 20:06:12 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: BM004809.D

(15) Anthracene

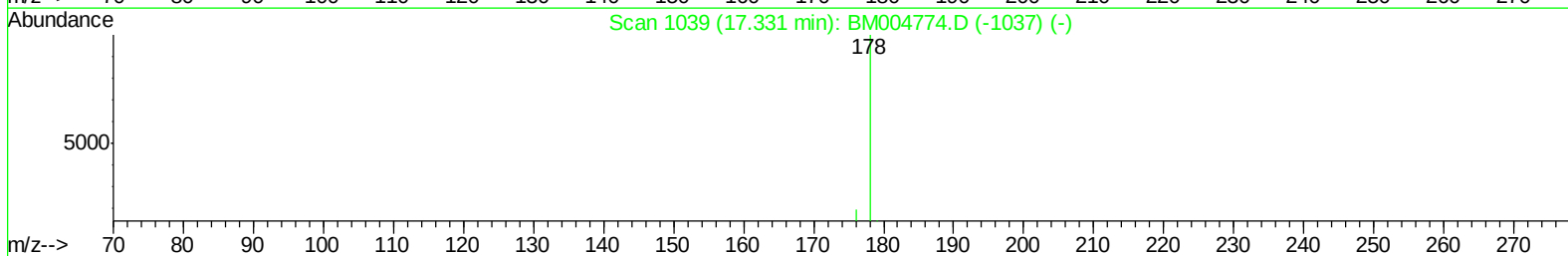
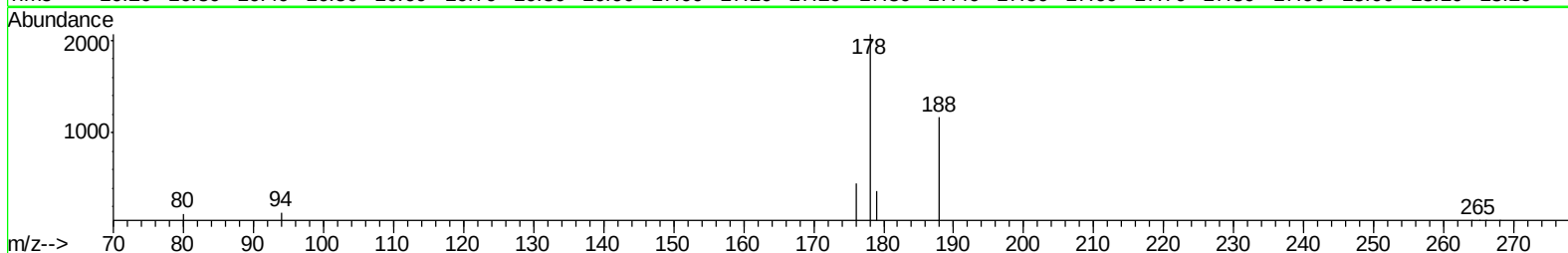
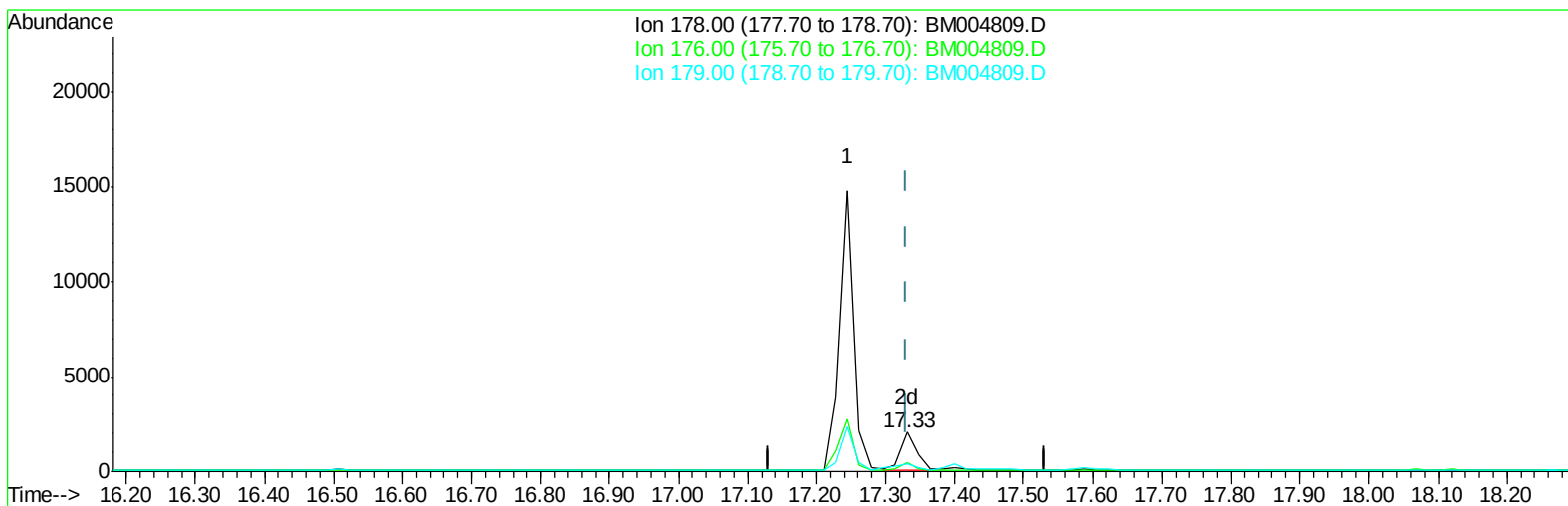
17.245min (-0.086) 1.57ng/ul

response 21461

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	18.52
179.00	16.10	15.71
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004809.D
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Sample : H1909-04DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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TIC: BM004809.D

(15) Anthracene

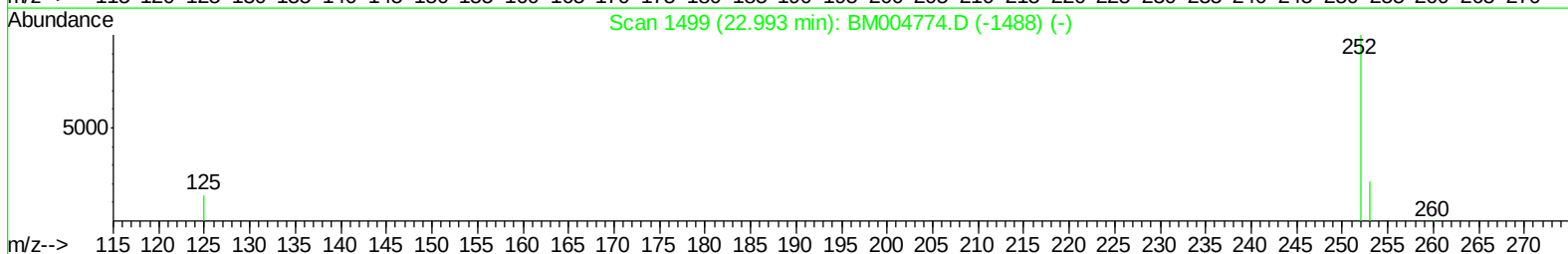
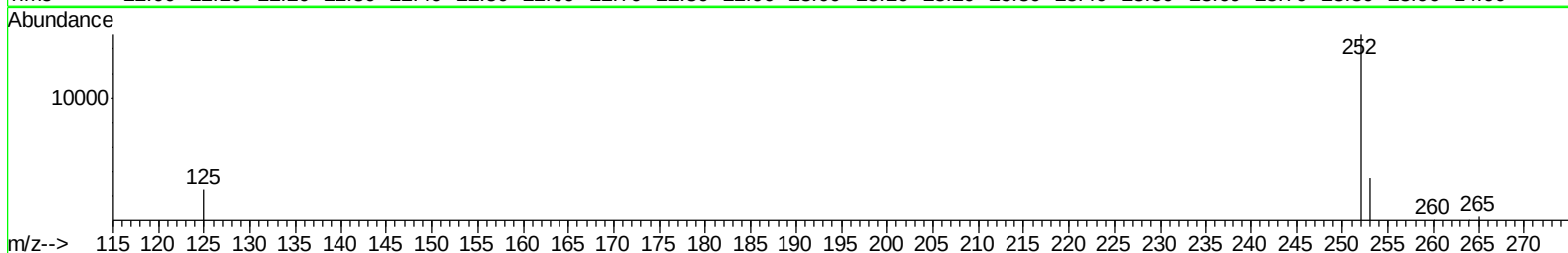
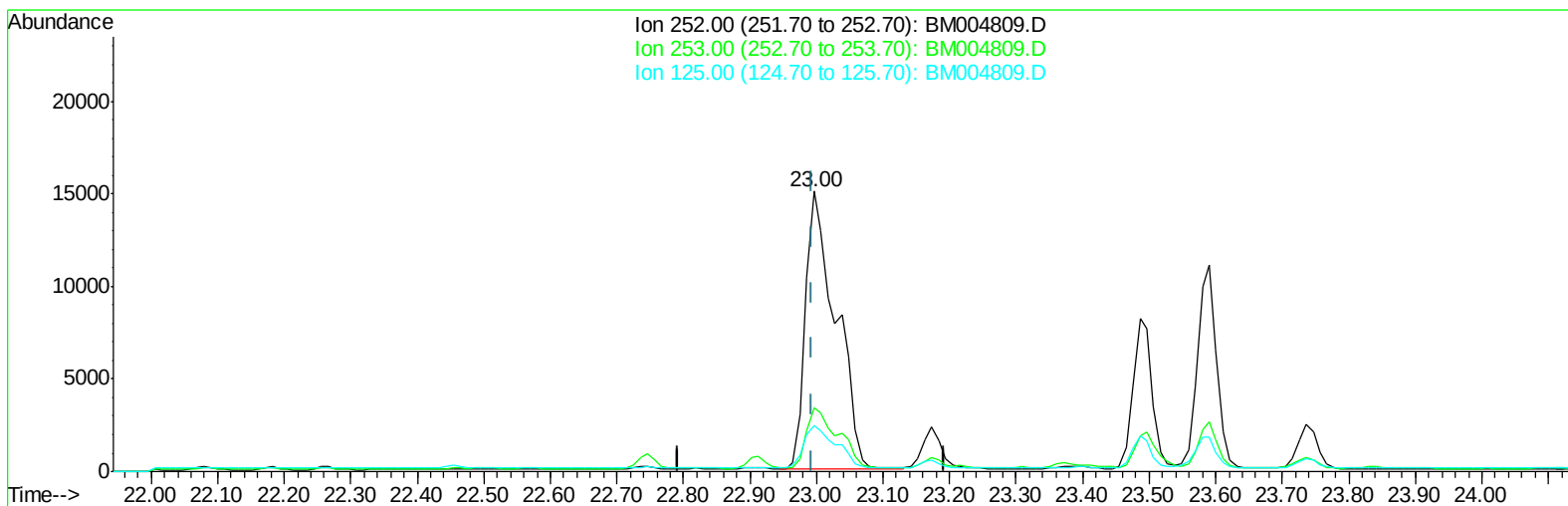
17.331min (-0.000) 0.24ng/ul m

response 3283

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	21.54#
179.00	16.10	18.01
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004809.D
Acq On : 28 Mar 2016 18:04
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Sample : H1909-04DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 05 20:06:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
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TIC: BM004809.D

(23) Benzo(b)fluoranthene

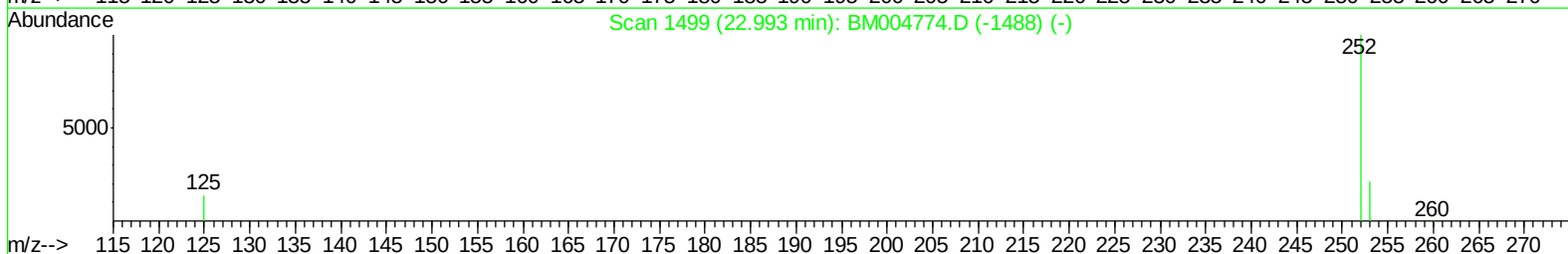
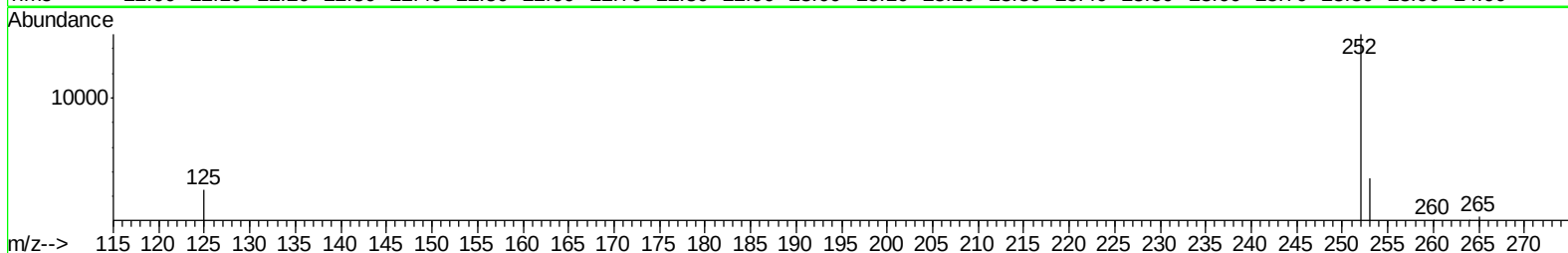
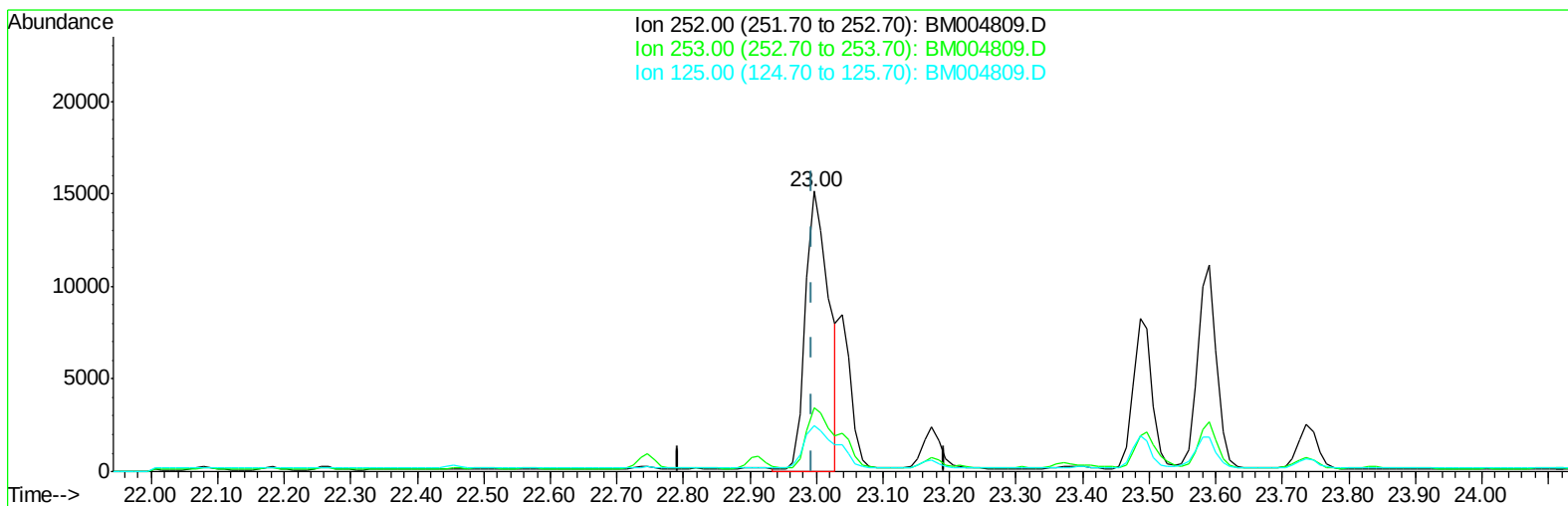
22.996min (+0.003) 2.50ng/ul

response 47647

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.89
125.00	14.40	16.53
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004809.D
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Sample : H1909-04DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 05 20:06:12 2016
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TIC: BM004809.D

(23) Benzo(b)fluoranthene

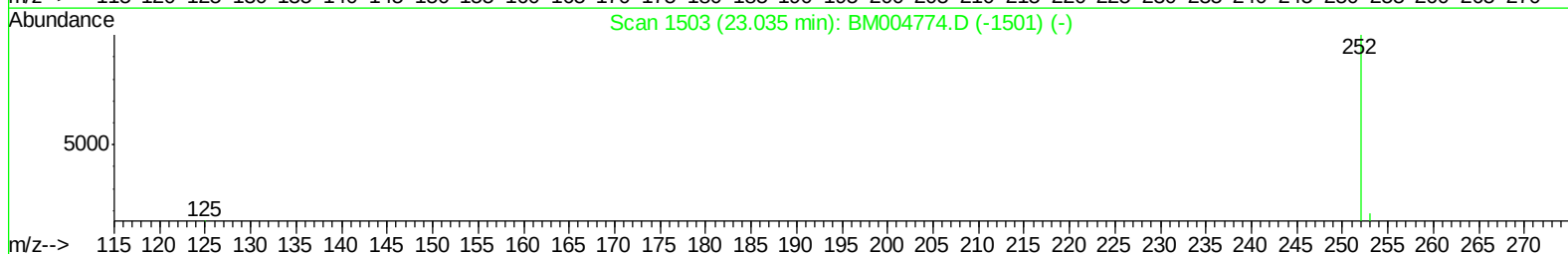
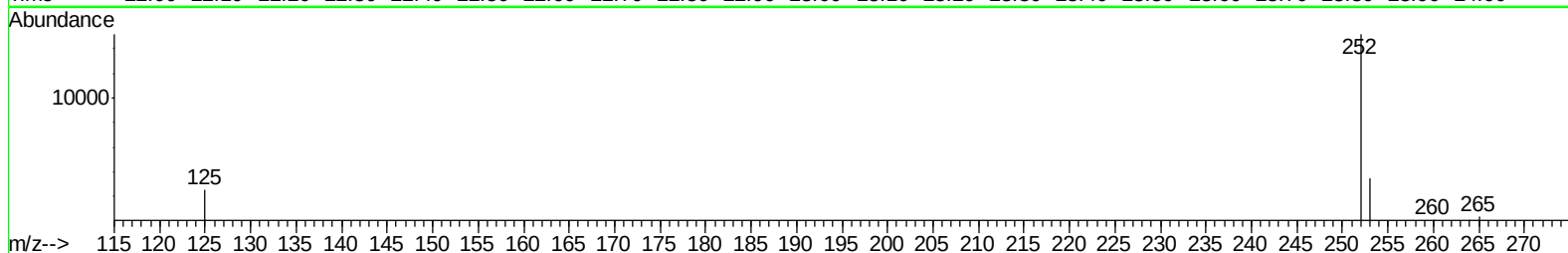
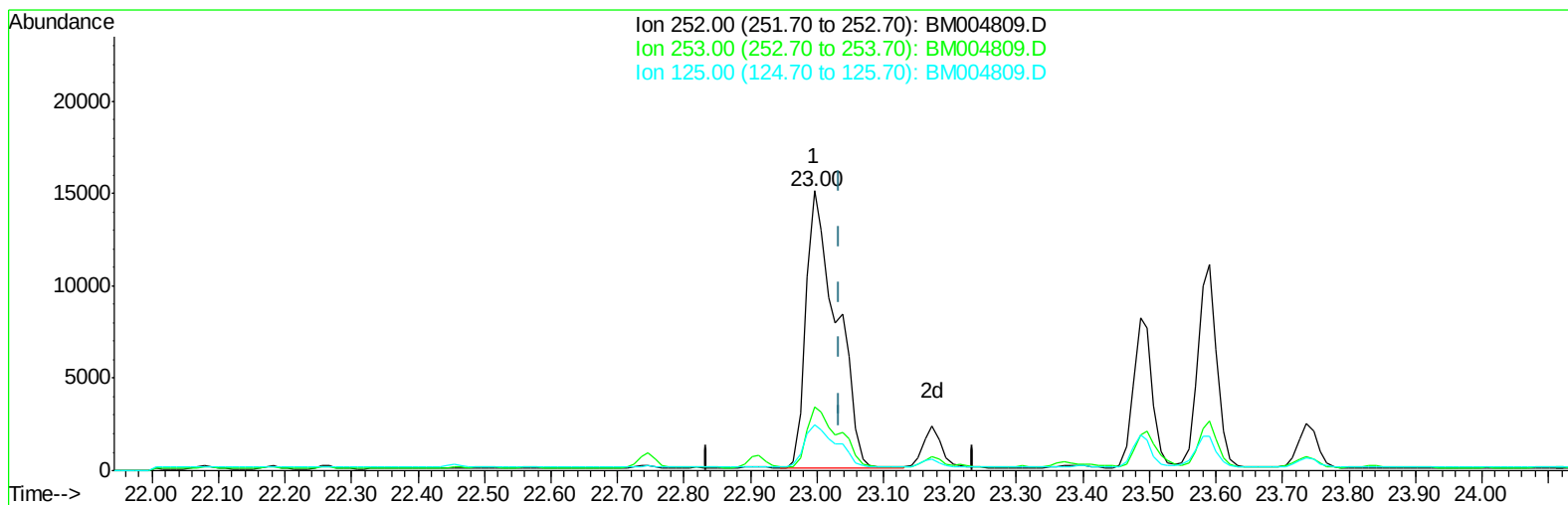
22.996min (+0.003) 1.96ng/ul m

response 37464

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.89
125.00	14.40	16.53
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004809.D
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Operator : UM/SJ
Sample : H1909-04DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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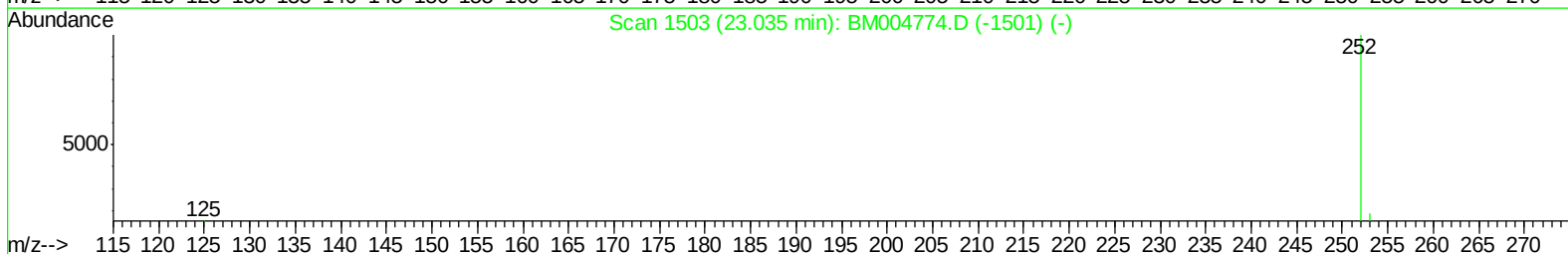
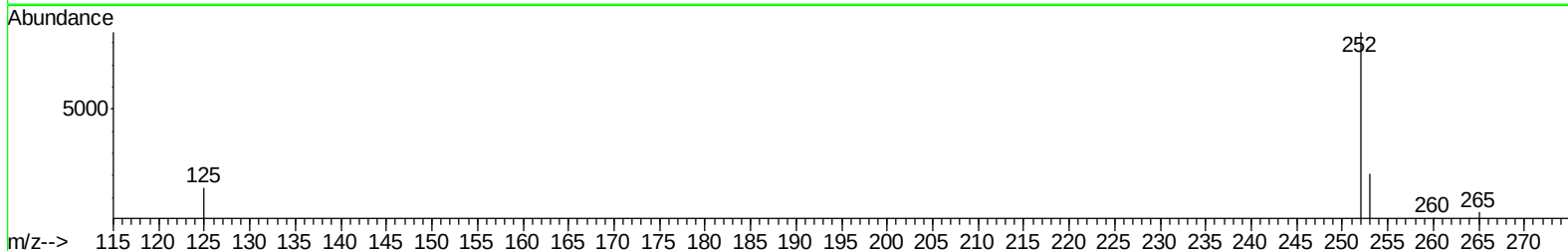
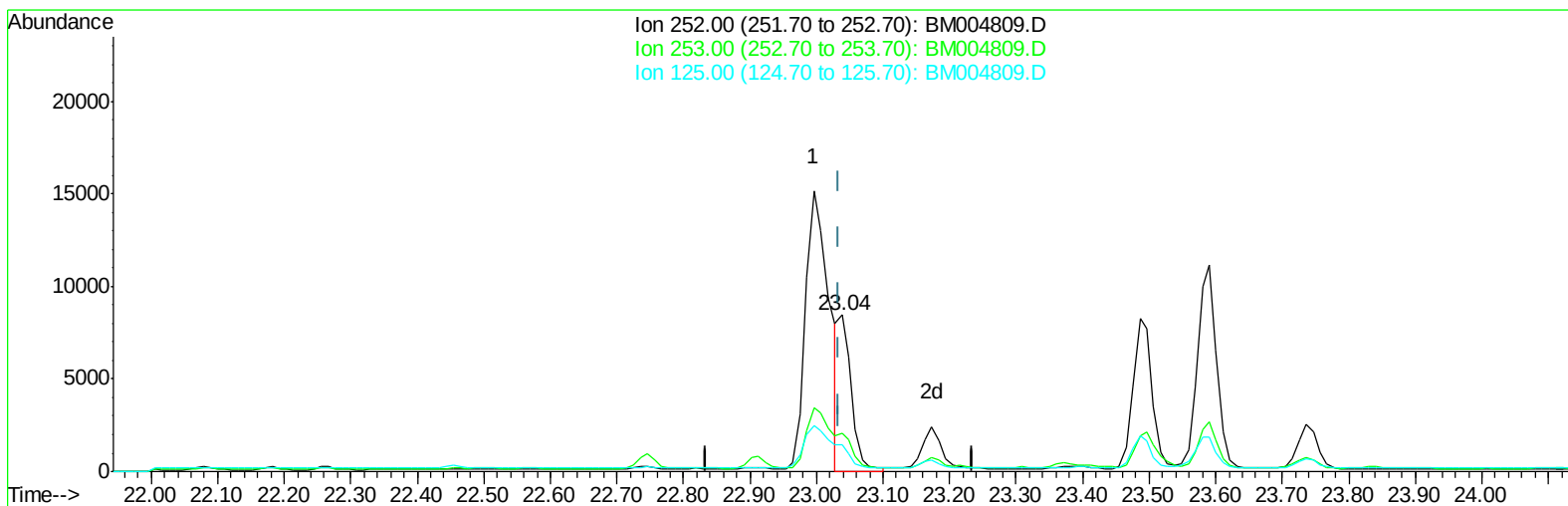
TIC: BM004809.D

(24) Benzo(k)fluoranthene
22.996min (-0.039) 2.70ng/ul
response 47647

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	22.89
125.00	13.00	16.53#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004809.D
Acq On : 28 Mar 2016 18:04
Operator : UM/SJ
Sample : H1909-04DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 05 20:06:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
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TIC: BM004809.D

(24) Benzo(k)fluoranthene

23.038min (+0.003) 0.65ng/ul m

response 11462

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.60
125.00	13.00	16.97#
0.00	0.00	0.00

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 Data File : BM004809.D
 Acq On : 28 Mar 2016 18:04
 Operator : UM/SJ
 Sample : H1909-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 05 20:07:27 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	894	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	3998	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2282	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5151	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	5696	0.40	ng/ul	0.00
22) Perylene-d12	23.69	264	5661	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.32	96	729	1.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	304	0.05	ng/ul	0.01
16) Fluoranthene-d10	19.23	212	786	0.06	ng/ul	0.00

Target Compounds

					Qvalue
5) Naphthalene	10.67	128	1951	0.20 ng/ul#	89
7) 2-Methylnaphthalene	12.28	142	380	0.05 ng/ul	99
9) Acenaphthylene	14.18	152	3158	0.30 ng/ul#	95
10) Acenaphthene	14.52	153	667	0.09 ng/ul#	86
11) Fluorene	15.51	166	1121	0.13 ng/ul#	86
14) Phenanthrene	17.24	178	21473	1.48 ng/ul	95
15) Anthracene	17.33	178	3283m	0.24 ng/ul	
17) Fluoranthene	19.27	202	47586	2.89 ng/ul	93
19) Pyrene	19.63	202	42444	2.18 ng/ul	93
20) Benzo(a)anthracene	21.38	228	23114	1.32 ng/ul	95
21) Chrysene	21.43	228	23690	1.40 ng/ul	96
23) Benzo(b)fluoranthene	23.00	252	37464m	1.96 ng/ul	
24) Benzo(k)fluoranthene	23.04	252	11462m	0.65 ng/ul	
25) Benzo(a)pyrene	23.59	252	22067	1.27 ng/ul	99
26) Indeno(1,2,3-cd)pyrene	26.01	276	13397	0.83 ng/ul#	88
27) Dibenzo(a,h)anthracene	26.02	278	3277	0.26 ng/ul#	80
28) Benzo(g,h,i)perylene	26.73	276	11751	0.88 ng/ul	94

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

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