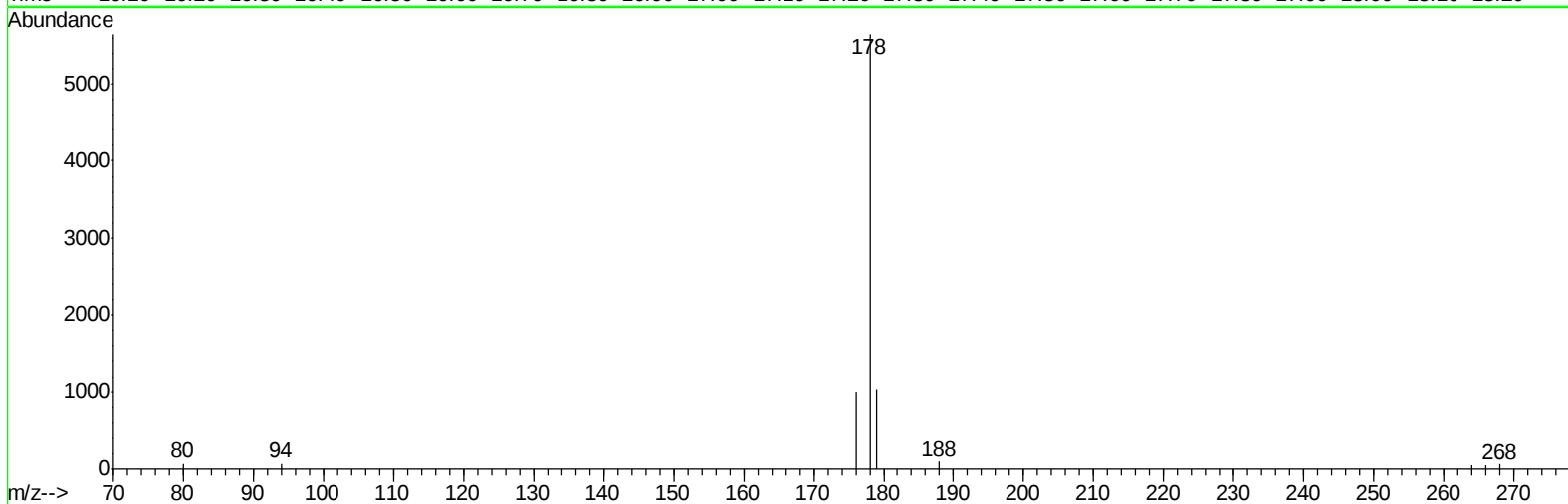
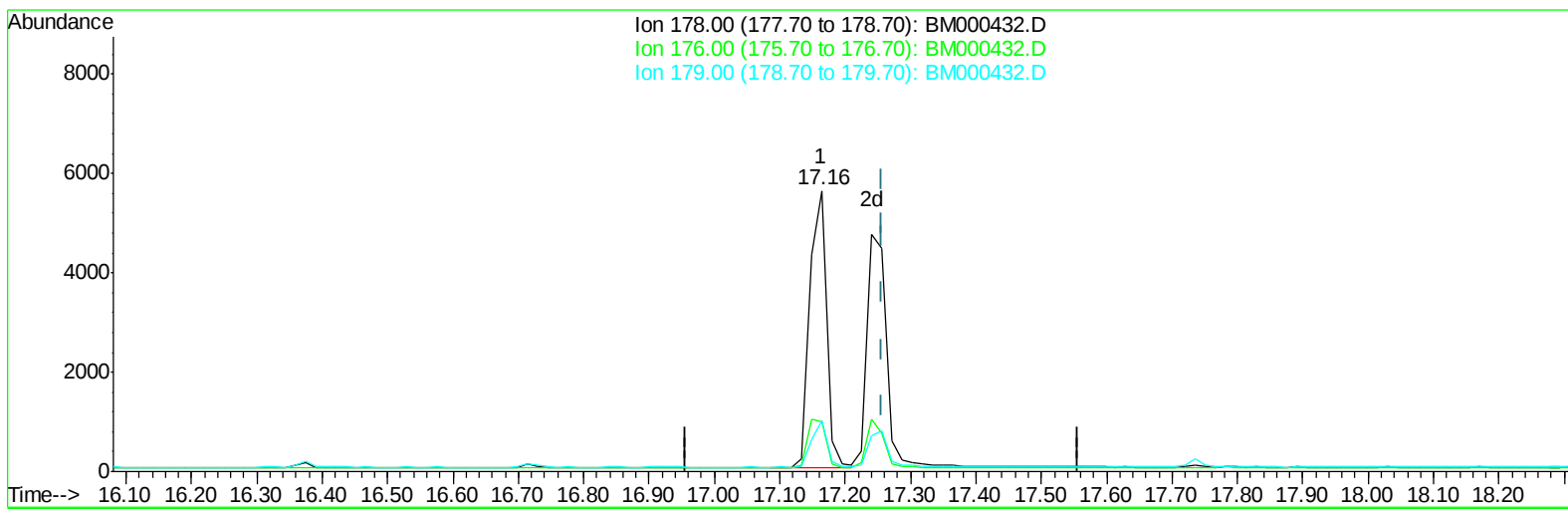


Data Path : Z:\HPCHEM1\BNA_M\Data\BM020515\
Data File : BM000432.D
Acq On : 05 Feb 2015 18:26
Operator : TP/IZ
Sample : G1147-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 06 06:28:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 05 14:01:48 2015
Response via : Initial Calibration



TIC: BM000432.D

(13) Anthracene

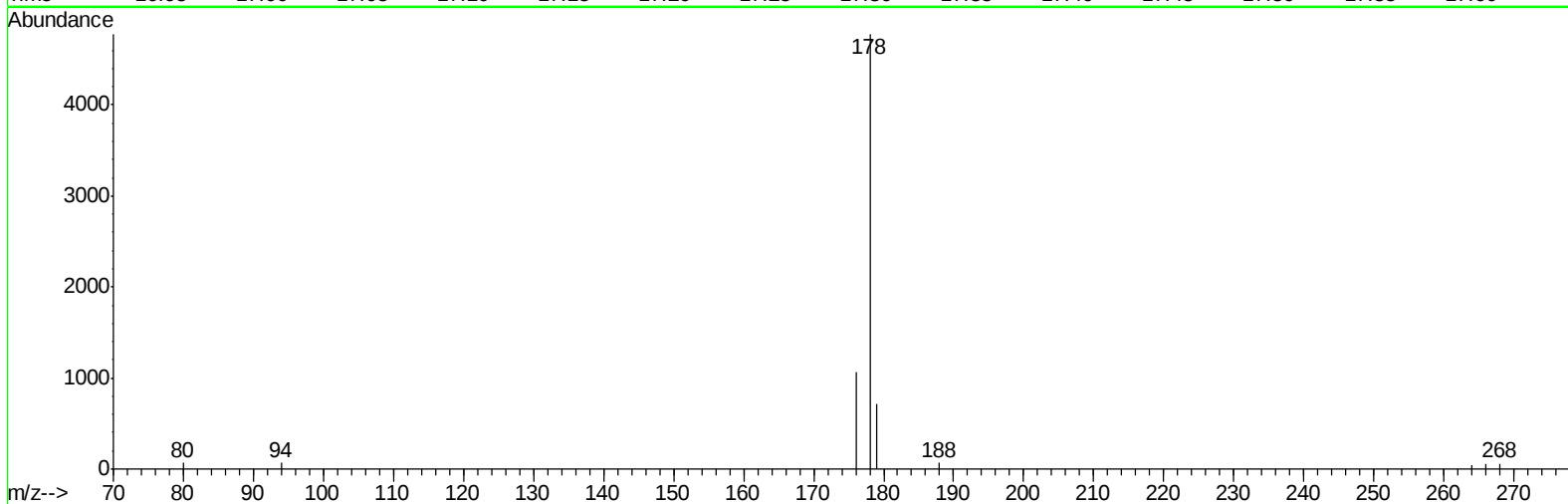
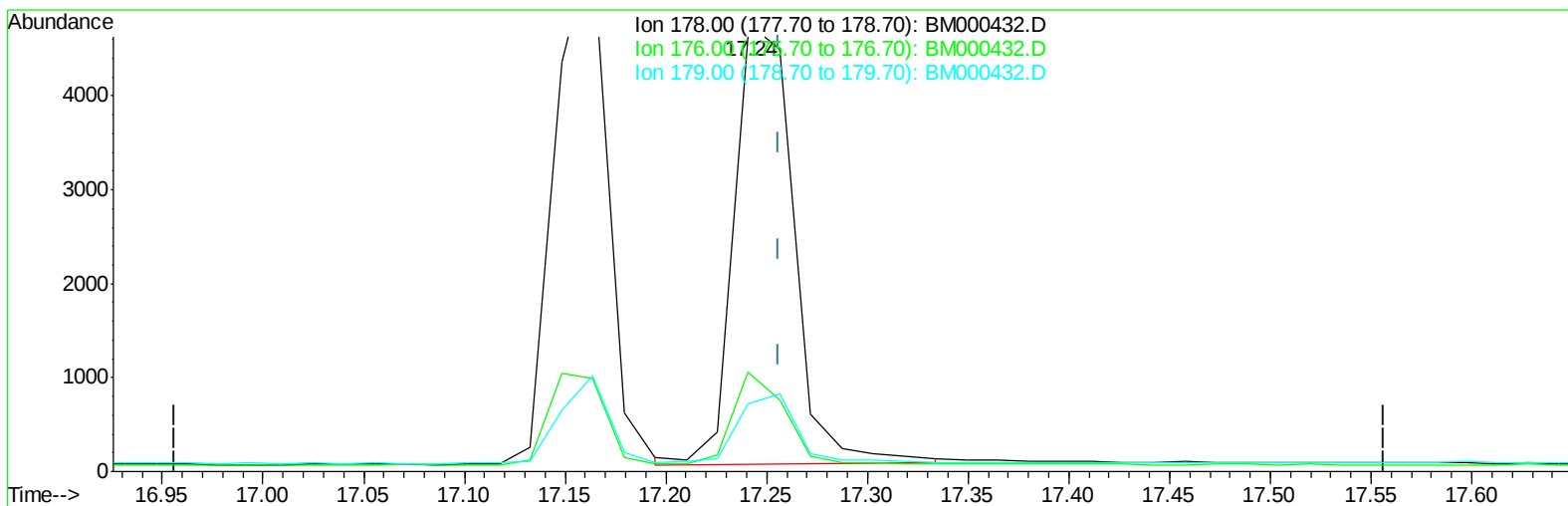
17.164min (-0.093) 0.49ng/ul

response 9942

Ion	Exp%	Act%
178.00	100	100
176.00	17.30	17.57
179.00	18.50	18.08
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM020515\
Data File : BM000432.D
Acq On : 05 Feb 2015 18:26
Operator : TP/IZ
Sample : G1147-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 06 06:28:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 05 14:01:48 2015
Response via : Initial Calibration



TIC: BM000432.D

(13) Anthracene

17.241min (-0.015) 0.48ng/ul m

response 9718

Ion	Exp%	Act%
178.00	100	100
176.00	17.30	22.17#
179.00	18.50	14.95
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM020515\
 Data File : BM000432.D
 Acq On : 05 Feb 2015 18:26
 Operator : TP/IZ
 Sample : G1147-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 06 06:29:57 2015

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 05 14:01:48 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2038	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	6729	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	4090	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.12	188	7639	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	6425	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	5917	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.11	152	5302	0.59	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	11569	0.70	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	10.56	128	4788	0.28	ng/ul	99
5) 2-Methylnaphthalene	12.18	142	6700	0.56	ng/ul	98
7) Acenaphthylene	14.10	152	3038	0.18	ng/ul	97
8) Acenaphthene	14.43	153	4620	0.36	ng/ul	98
9) Fluorene	15.43	166	7775	0.52	ng/ul	100
11) Pentachlorophenol	16.78	266	951	0.54	ng/ul	99
12) Phenanthrene	17.16	178	9942	0.46	ng/ul	100
13) Anthracene	17.24	178	9718m	0.48	ng/ul	
15) Fluoranthene	19.19	202	10685	0.43	ng/ul	99
17) Pyrene	19.55	202	10296	0.42	ng/ul	99
18) Benzo(a)anthracene	21.29	228	10514	0.52	ng/ul	99
19) Chrysene	21.34	228	10970	0.50	ng/ul	100
21) Benzo(b)fluoranthene	22.88	252	14013	0.64	ng/ul	96
22) Benzo(k)fluoranthene	22.92	252	6419	0.30	ng/ul#	93
23) Benzo(a)pyrene	23.46	252	7027	0.35	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.83	276	3434	0.15	ng/ul#	67
25) Dibenzo(a,h)anthracene	25.84	278	14382	0.79	ng/ul#	94
26) Benzo(g,h,i)perylene	26.51	276	6216	0.31	ng/ul	97

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

```
Data Path : Z:\HPCHEM1\BNA_M\Data\BM020515\  
Data File : BM000432.D  
Acq On    : 05 Feb 2015   18:26  
Operator  : TP/IZ  
Sample    : G1147-08  
Misc      :  
ALS Vial  : 11      Sample Multiplier: 1
```

Data File : BM000432.D

Acq On : 05 Feb 2015 18:26

Operator : TP/IZ

Sample : G1147-08

Misc :

ALS Vial : 11 Sample Multiplier: 1

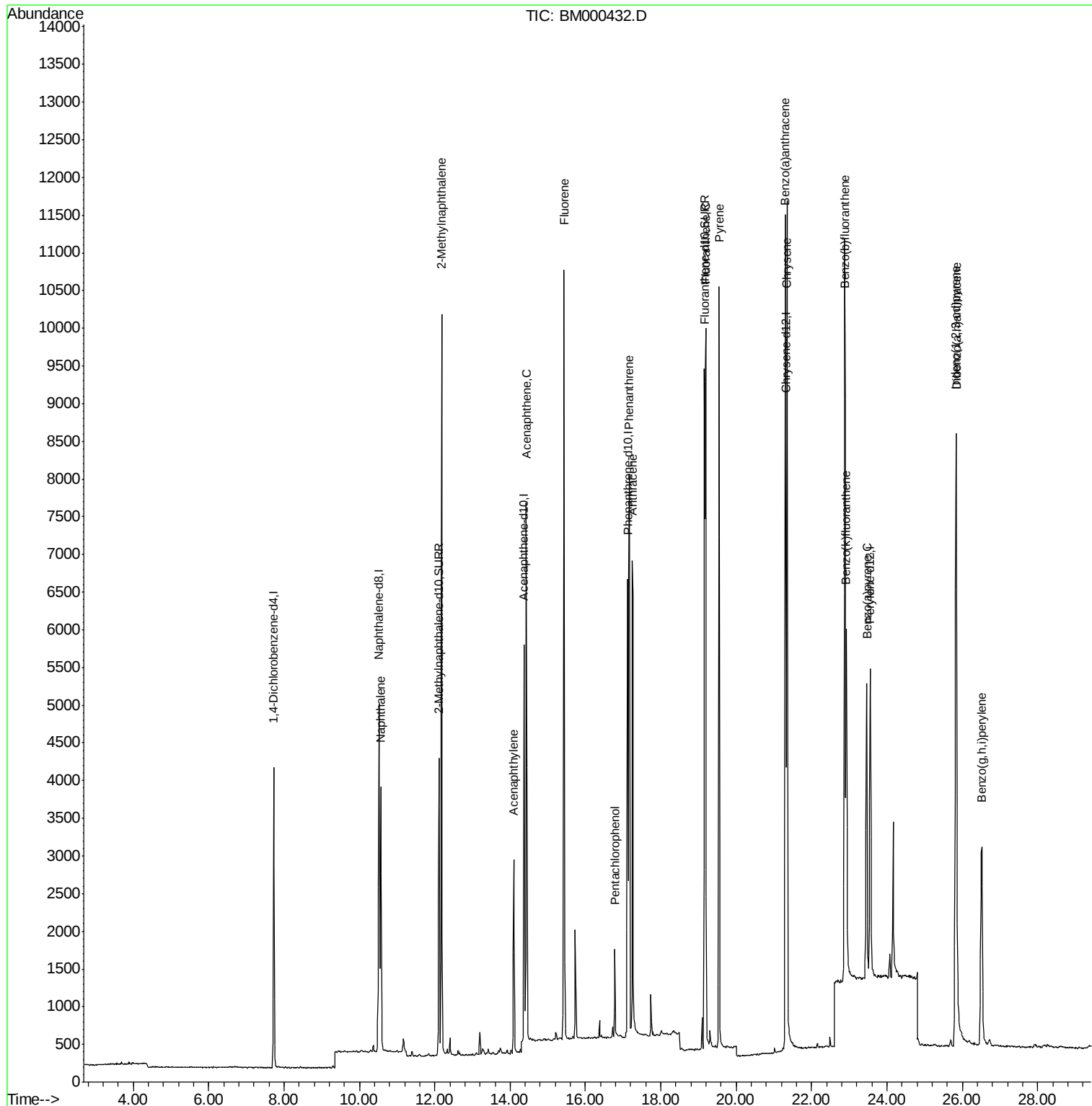
Quant Time: Feb 06 06:29:57 2015

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 05 14:01:48 2015

Response via : Initial Calibration



TIC: BM000432.D

Time-->

1,4-Dichlorobenzene-d4, I

Naphthalene-d8, 1

Naphthalene-d8, 1

2-Methylnaphthalene

~~-Methylnaphthalene-d10 SURR~~ $\sqrt{2} \cos \theta + \sqrt{2} \sin \theta$

Fluorene

Pentachlorophenol

phenanthrene-d10 | Phenanthrene

phenanthrene-d10 | Phenanthrene

phenanthrene-d10 | Phenanthrene

phenanthrene-d10 | Phenanthrene

phenanthrene-d10 | Phenanthrene

phenanthrene-d10 | Phenanthrene

phenanthrene-d10 | Phenanthrene

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phenanthrene-d10 | Phenanthrene

phenanthrene-d10 | Phenanthrene

phenanthrene-d10 | Phenanthrene