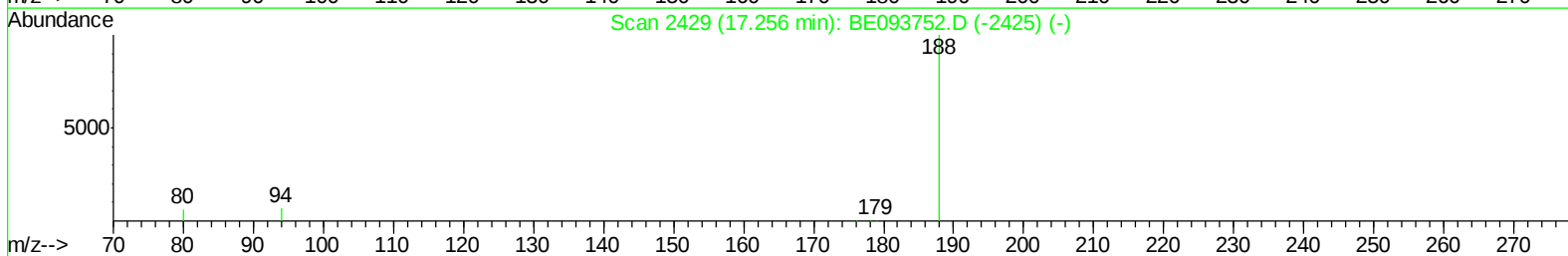
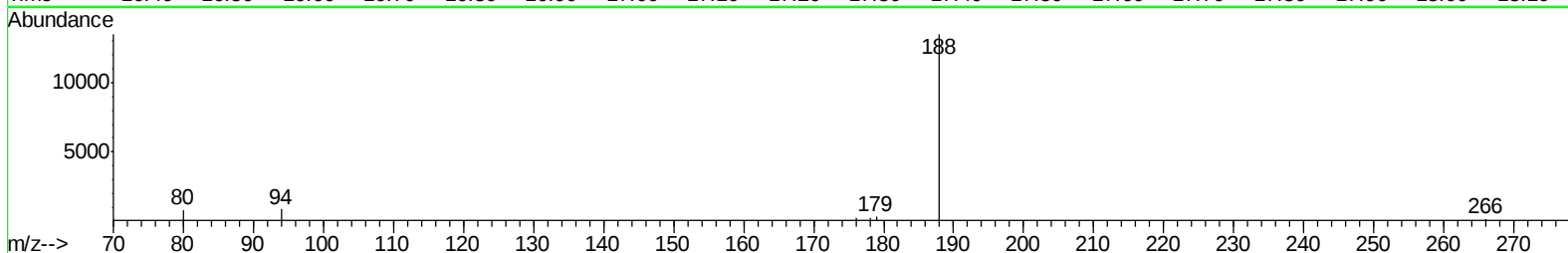
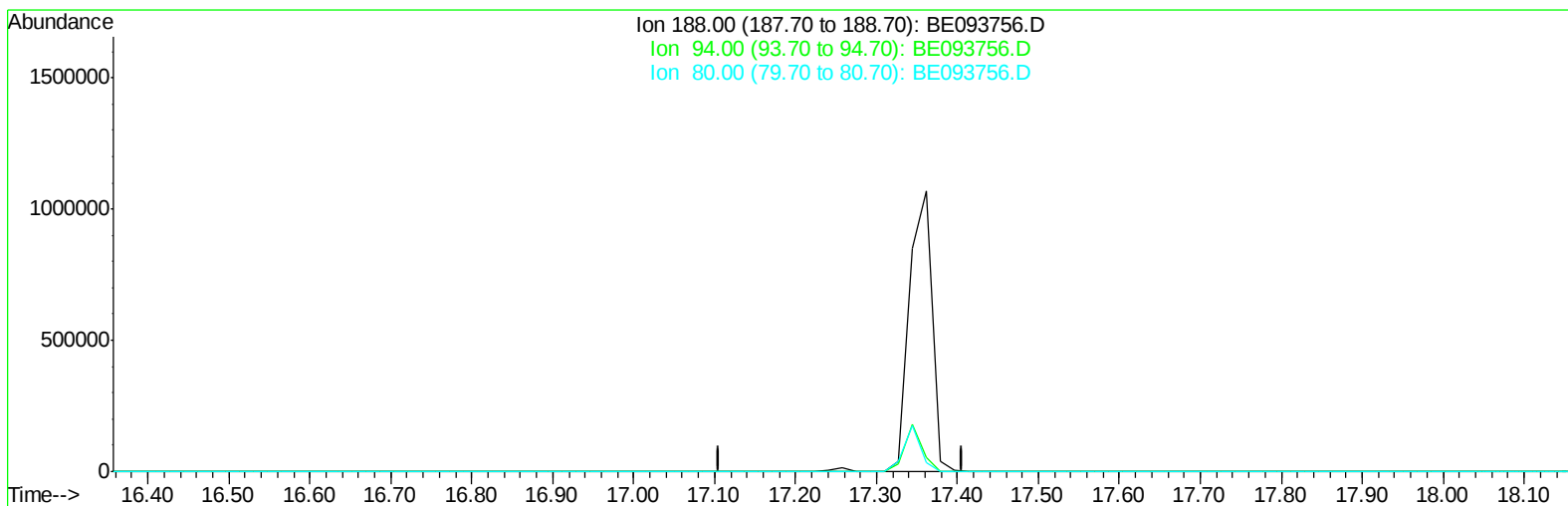


Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093756.D
Acq On : 10 Aug 2017 21:26
Operator : SJ/JU
Sample : I4529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 11 17:30:35 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093756.D

(10) Phenanthrene-d10 (I)

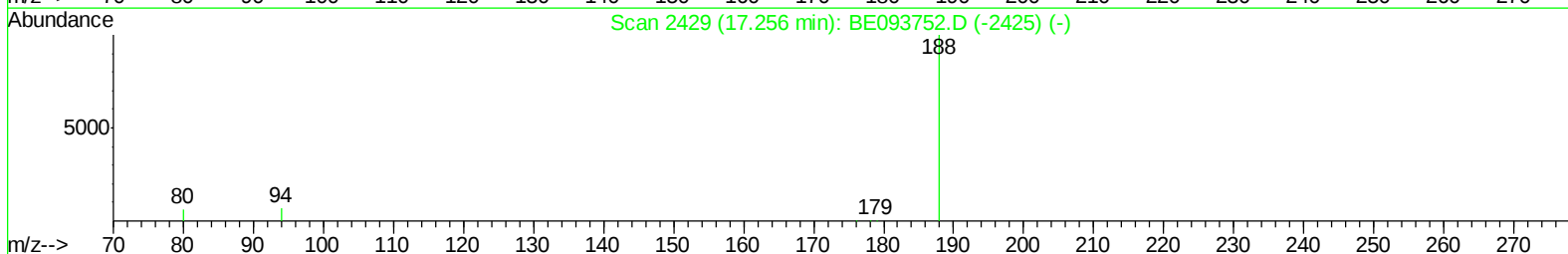
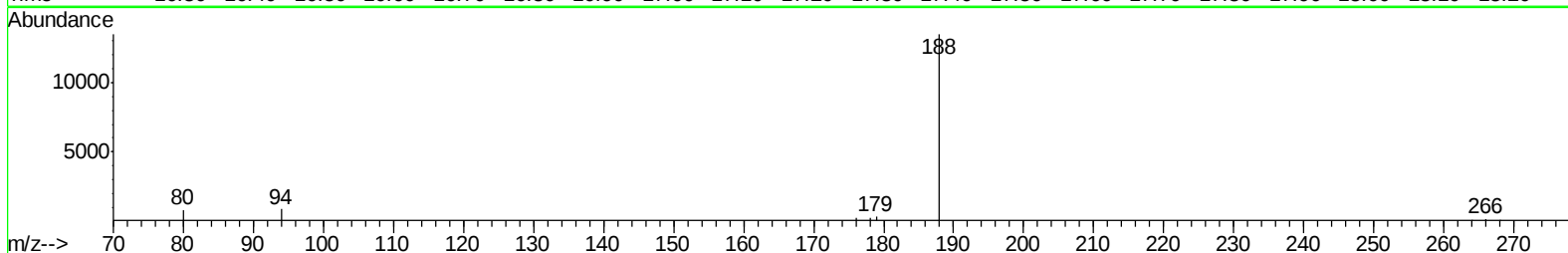
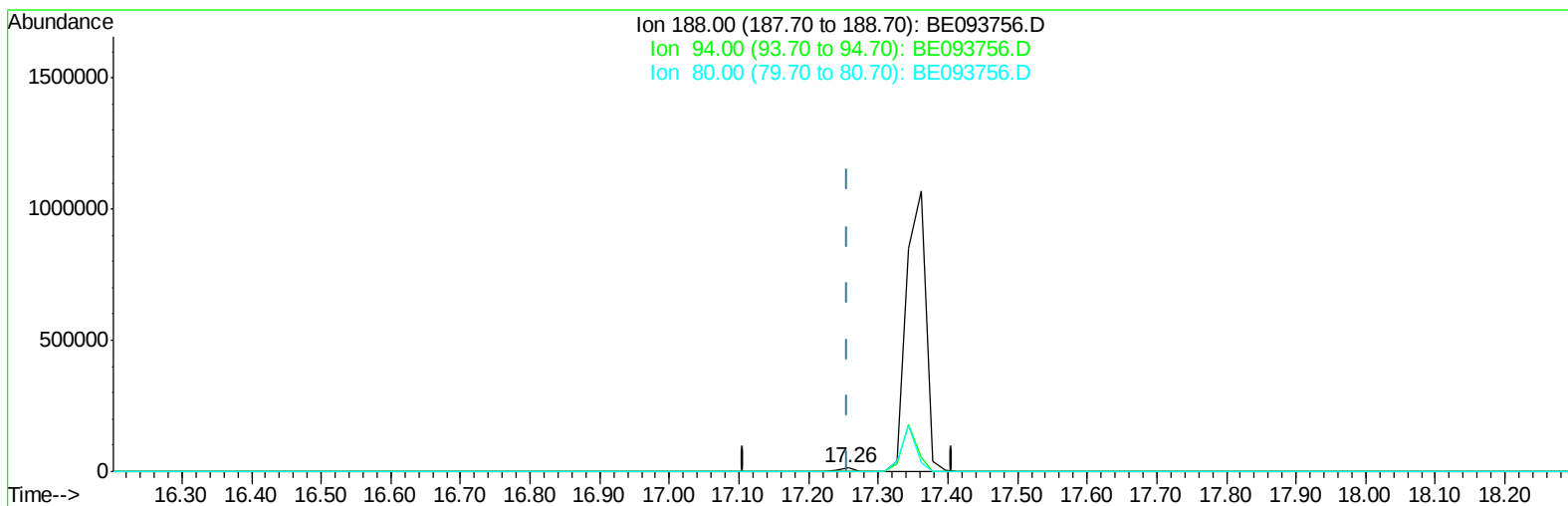
17.256min (-17.256) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093756.D
Acq On : 10 Aug 2017 21:26
Operator : SJ/JU
Sample : I4529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 11 17:30:35 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093756.D

(10) Phenanthrene-d10 (I)

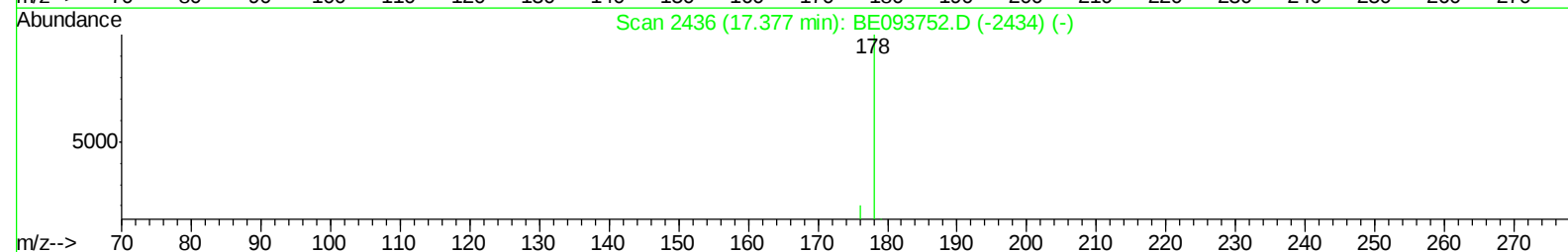
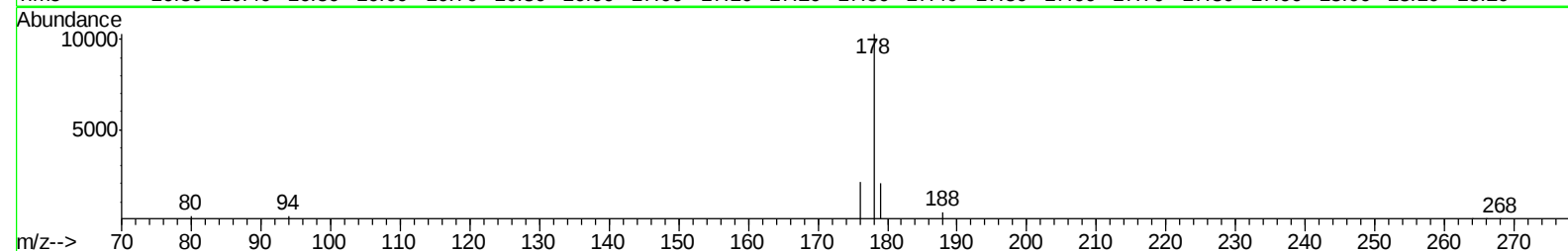
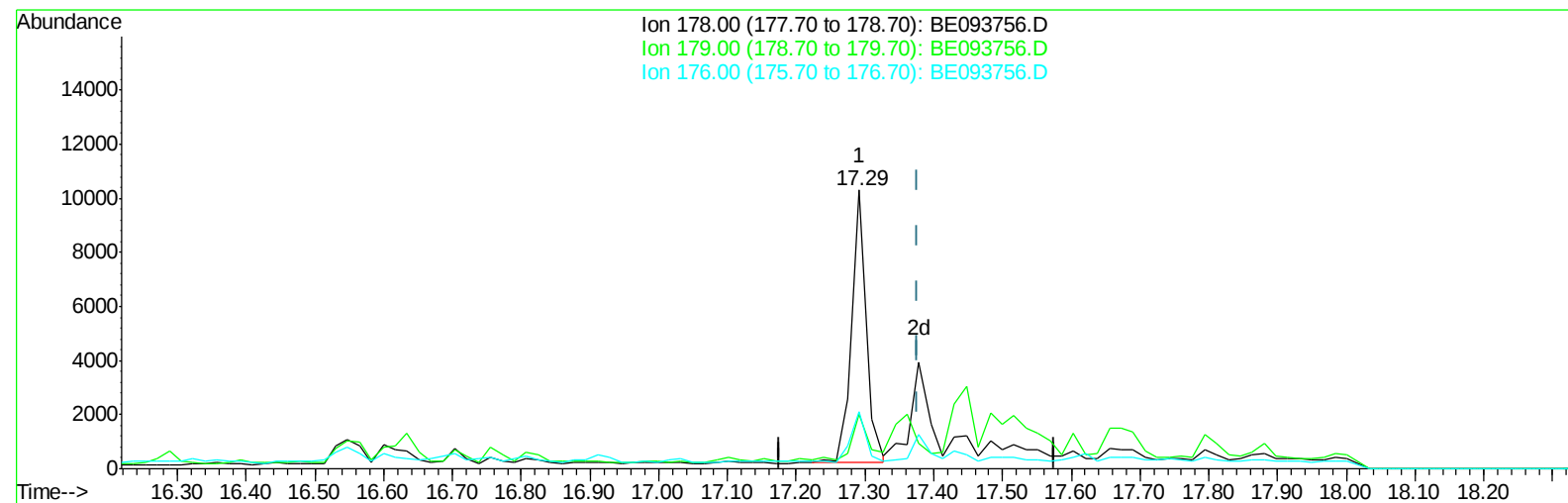
17.257min (+0.001) 0.40ng/ul m

response 23329

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	6.53#
80.00	11.80	5.90#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093756.D
Acq On : 10 Aug 2017 21:26
Operator : SJ/JU
Sample : I4529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 11 18:27:10 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093756.D

(13) Anthracene

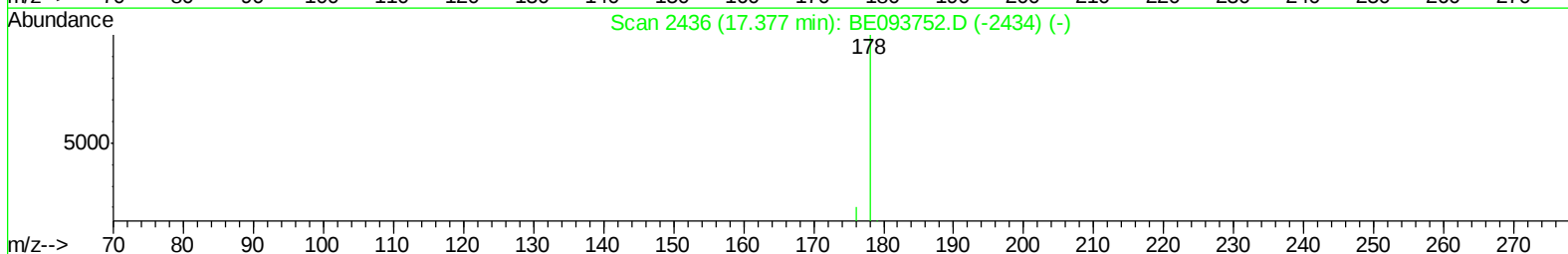
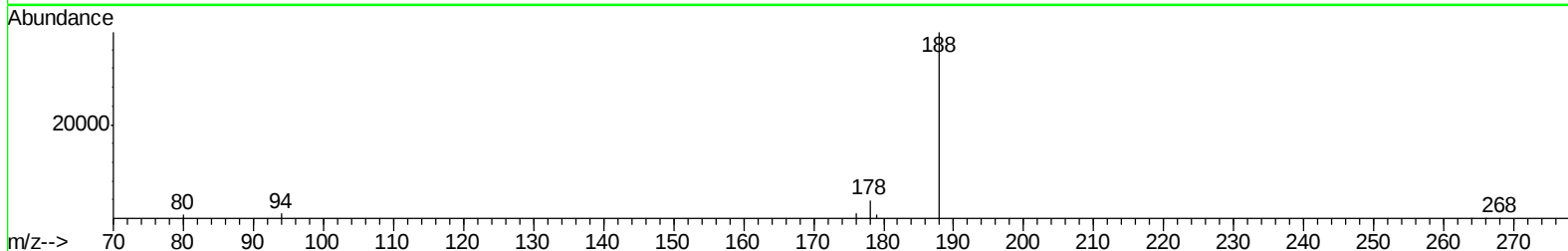
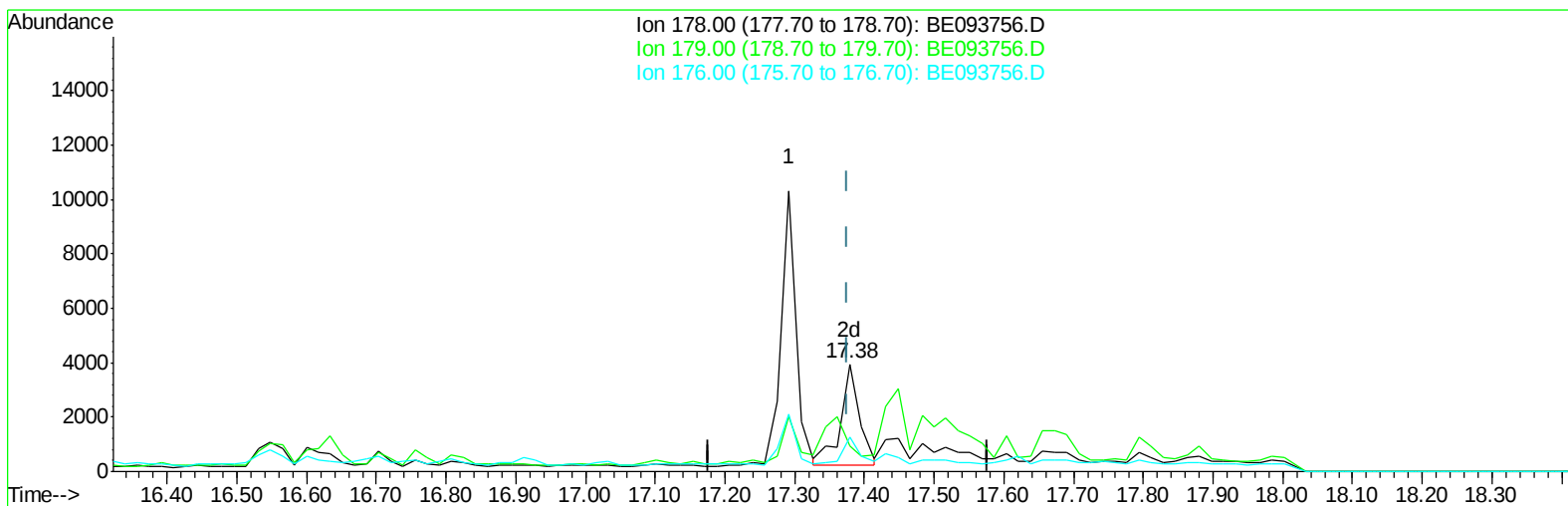
17.292min (-0.085) 0.24ng/ul

response 14891

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	19.60
176.00	18.40	20.26
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093756.D
Acq On : 10 Aug 2017 21:26
Operator : SJ/JU
Sample : I4529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 11 18:27:10 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093756.D

(13) Anthracene

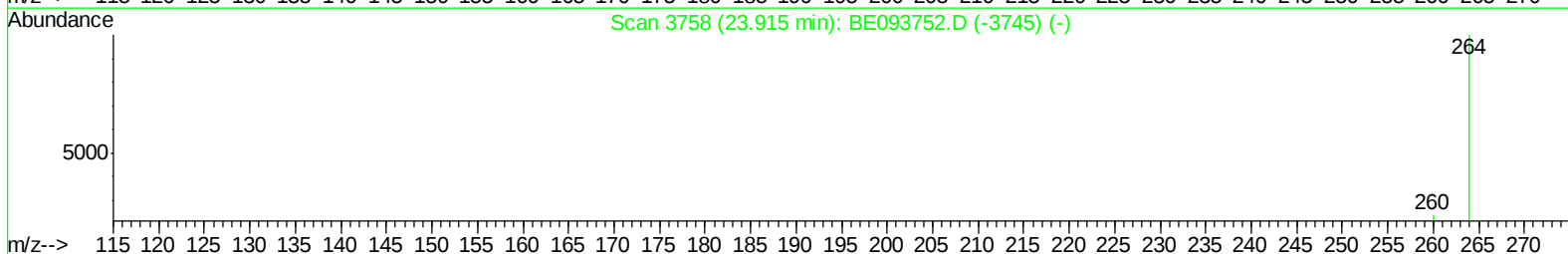
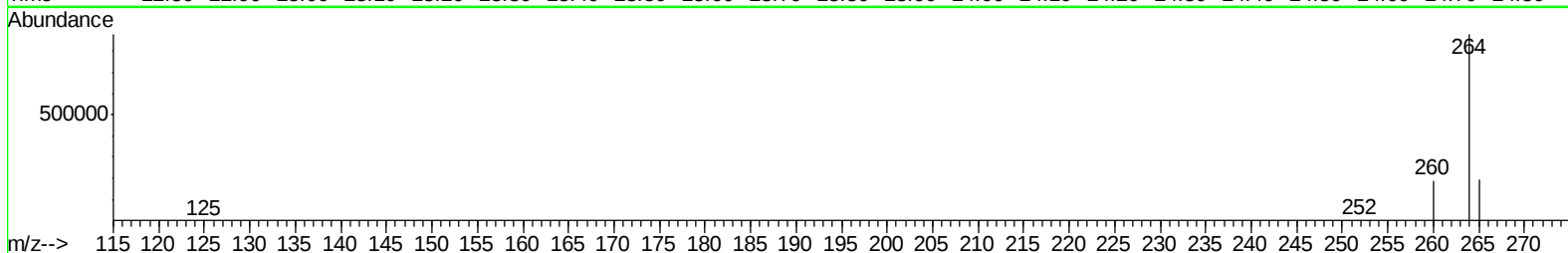
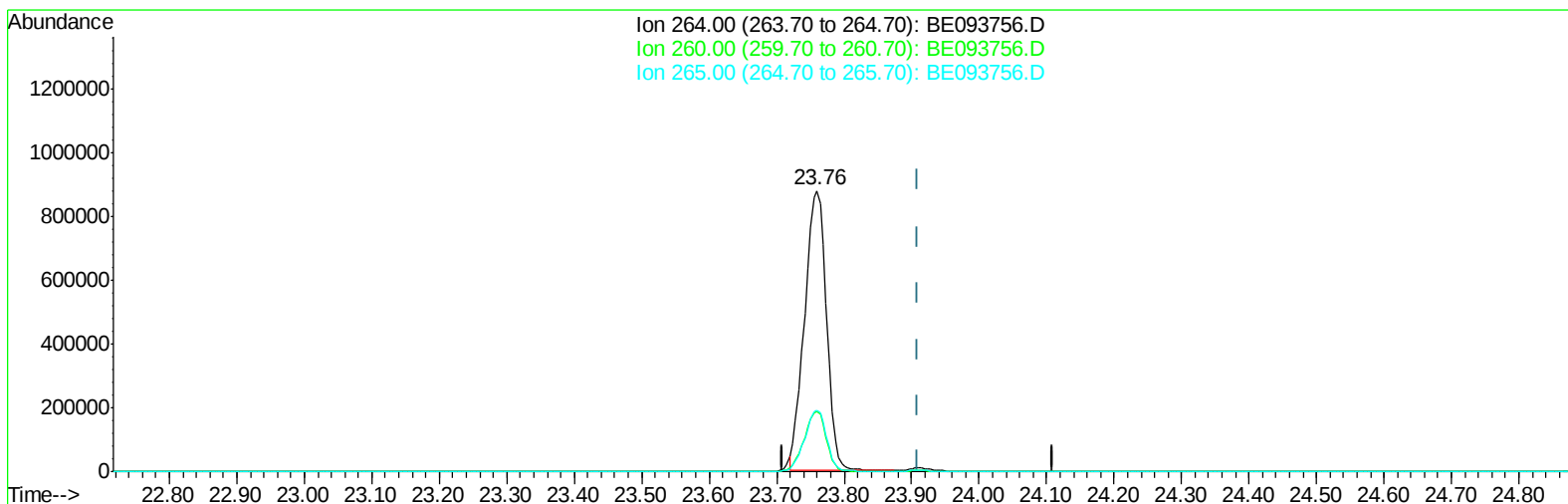
17.378min (+0.002) 0.11ng/ul m

response 7059

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	23.83
176.00	18.40	32.34#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093756.D
Acq On : 10 Aug 2017 21:26
Operator : SJ/JU
Sample : I4529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 11 18:27:10 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093756.D

(20) Perylene-d12 (I)

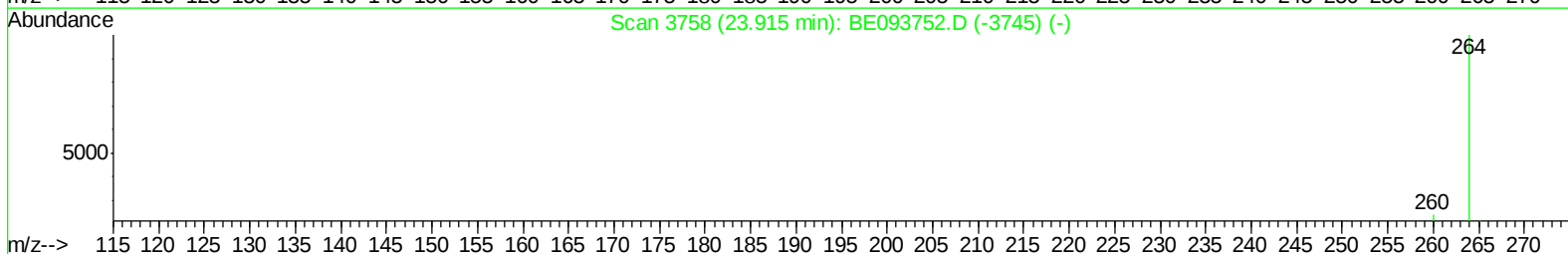
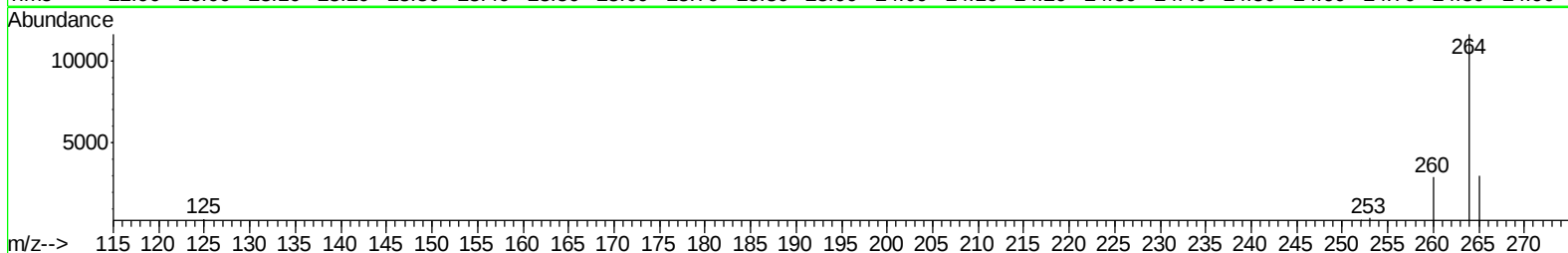
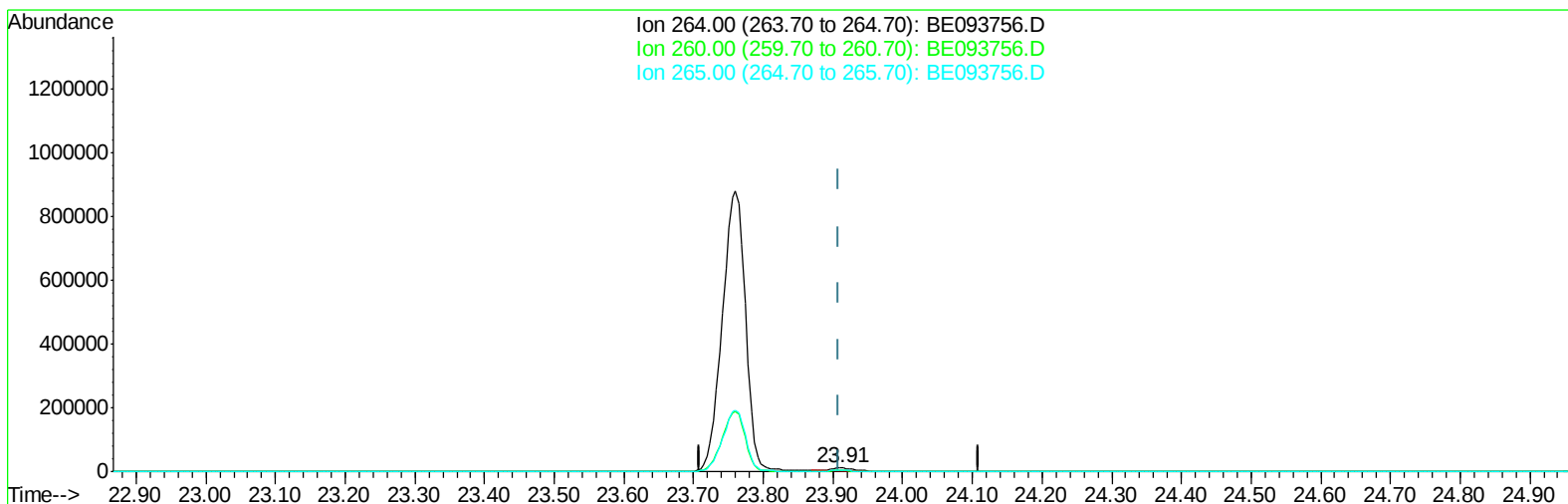
23.760min (-0.150) 0.40ng/ul

response 1986381

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.58#
265.00	103.50	21.90#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093756.D
Acq On : 10 Aug 2017 21:26
Operator : SJ/JU
Sample : I4529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 11 18:27:10 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093756.D

(20) Perylene-d12 (I)

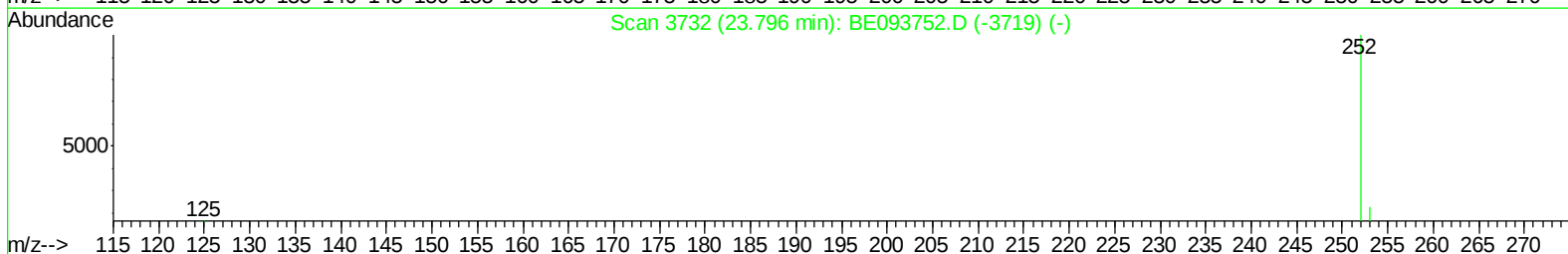
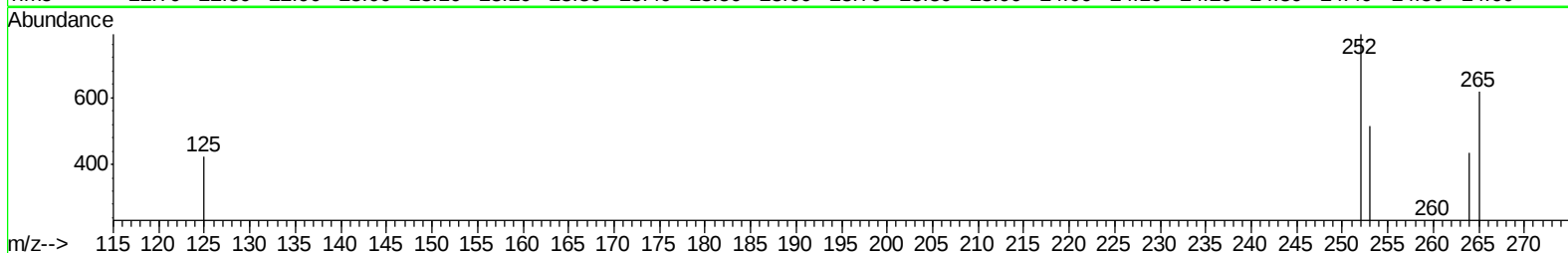
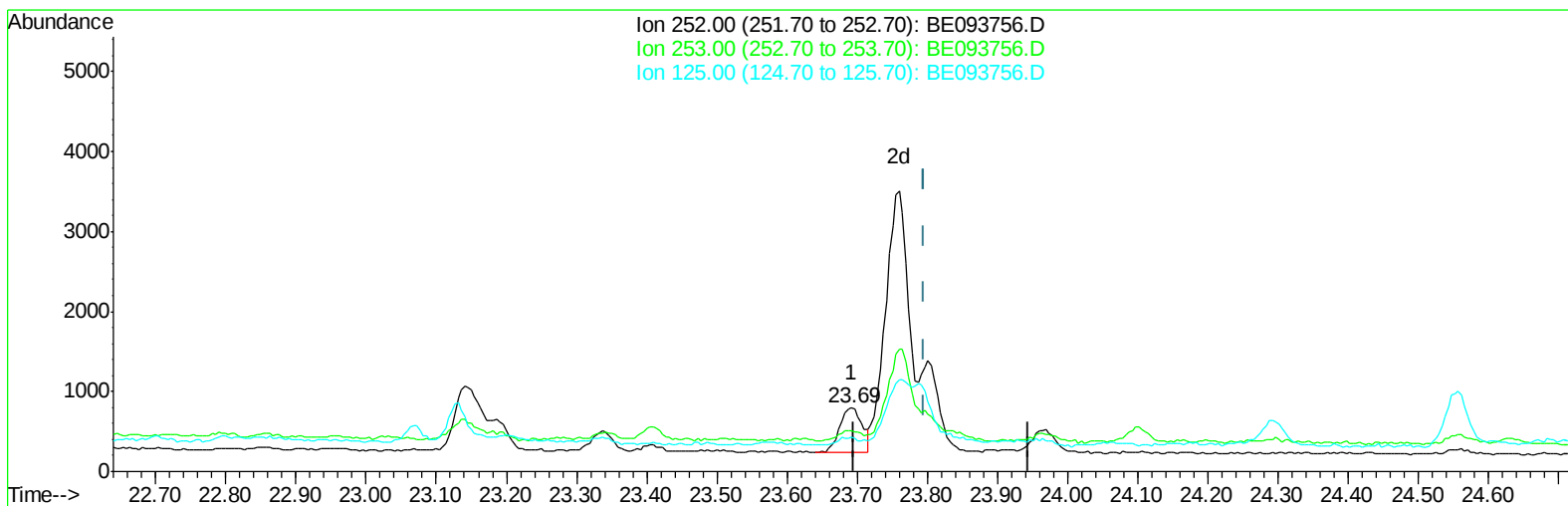
23.910min (+0.001) 0.40ng/ul m

response 18463

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.95
265.00	103.50	26.08#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093756.D
Acq On : 10 Aug 2017 21:26
Operator : SJ/JU
Sample : I4529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 11 18:28:32 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093756.D

(23) Benzo(a)pyrene (C)

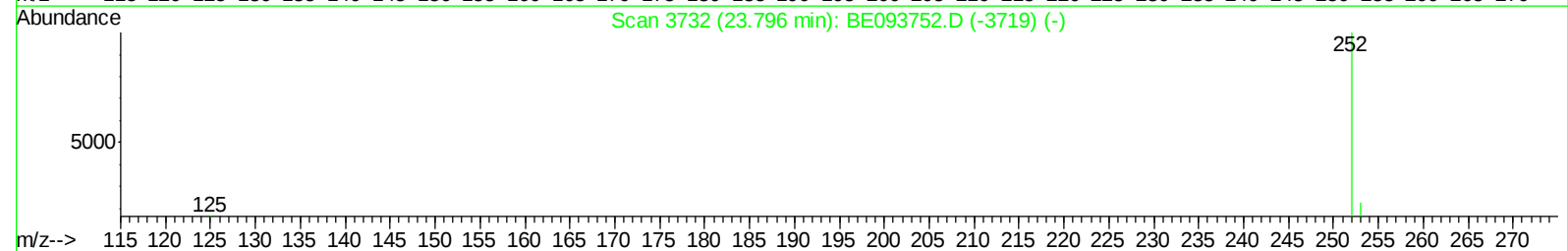
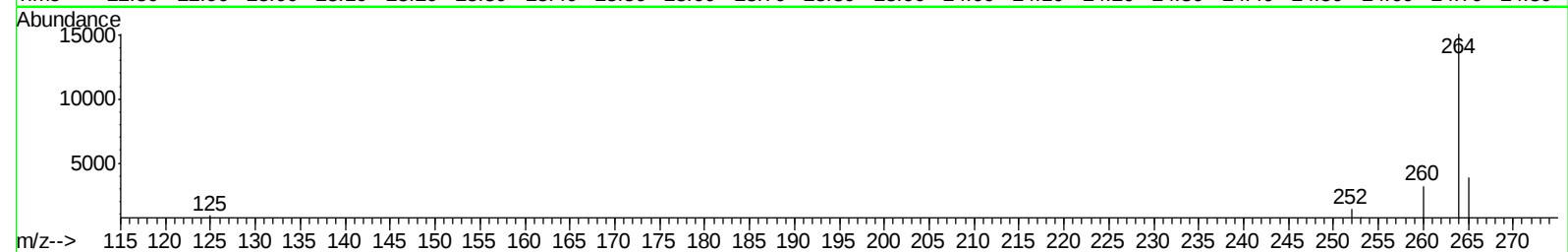
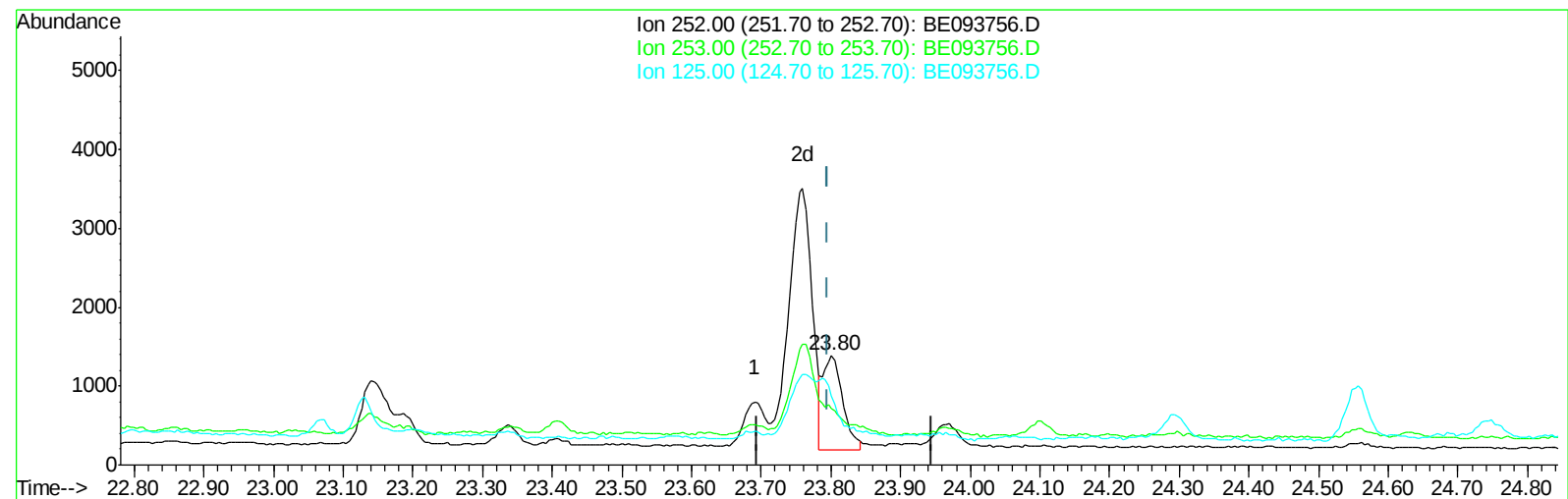
23.691min (-0.104) 0.02ng/ul

response 1272

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	65.32#
125.00	22.60	53.54#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093756.D
Acq On : 10 Aug 2017 21:26
Operator : SJ/JU
Sample : I4529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 11 18:28:32 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration



TIC: BE093756.D

(23) Benzo(a)pyrene (C)

23.801min (+0.005) 0.04ng/ul m

response 2392

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	52.02#
125.00	22.60	63.62#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093756.D
 Acq On : 10 Aug 2017 21:26
 Operator : SJ/JU
 Sample : I4529-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 11 18:29:06 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3015	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15605	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	10216	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	23329m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22352	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18463m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	9289	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	28442	0.39	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	1499	0.039	ng/ul#	84
5) 2-Methylnaphthalene	12.36	142	4062	0.147	ng/ul	99
8) Acenaphthene	14.59	153	1380	0.041	ng/ul	98
9) Fluorene	15.57	166	6164	0.145	ng/ul	88
12) Phenanthrene	17.29	178	15229	0.240	ng/ul	93
13) Anthracene	17.38	178	7059m	0.114	ng/ul	
15) Fluoranthene	19.30	202	7294	0.092	ng/ul	84
17) Pyrene	19.66	202	14536	0.223	ng/ul#	90
18) Benzo(a)anthracene	21.39	228	3642	0.056	ng/ul#	67
19) Chrysene	21.44	228	3302	0.053	ng/ul#	64
23) Benzo(a)pyrene	23.80	252	2392m	0.044	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093756.D
Acq On : 10 Aug 2017 21:26
Operator : SJ/JU
Sample : I4529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 11 18:29:06 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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