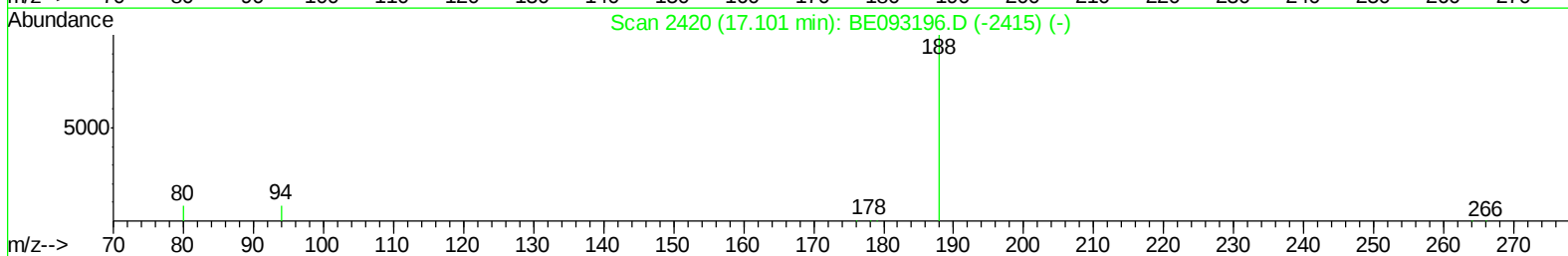
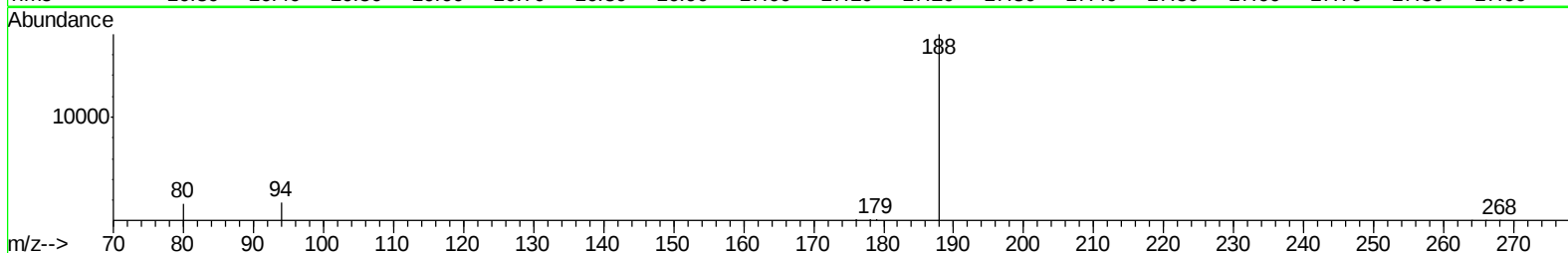
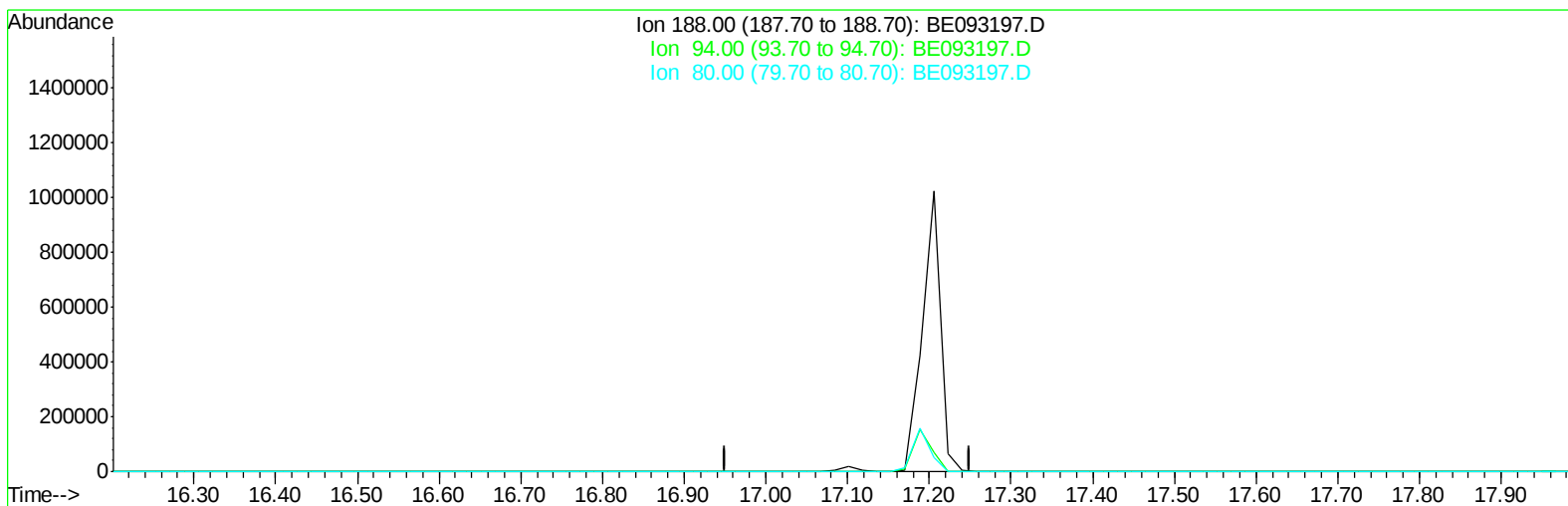


Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:14:01 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(10) Phenanthrene-d10 (I)

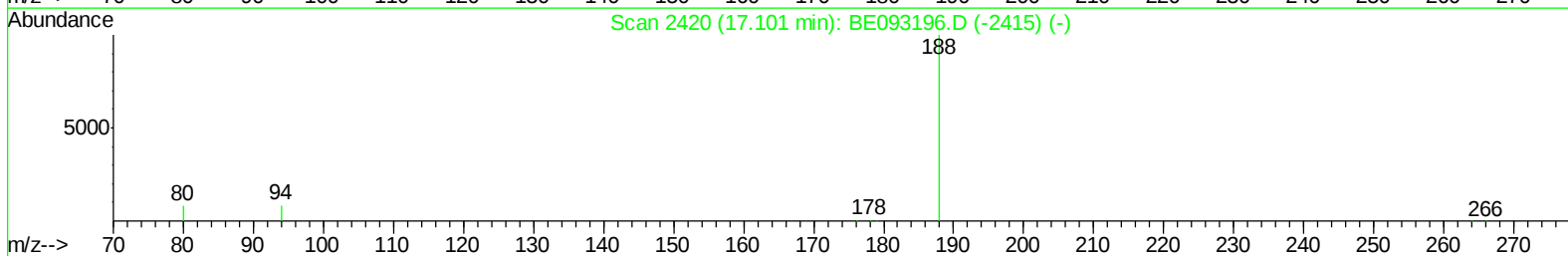
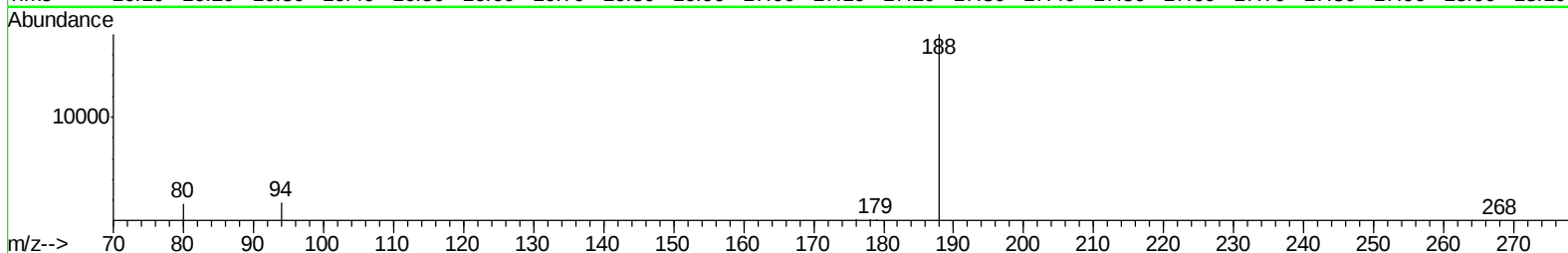
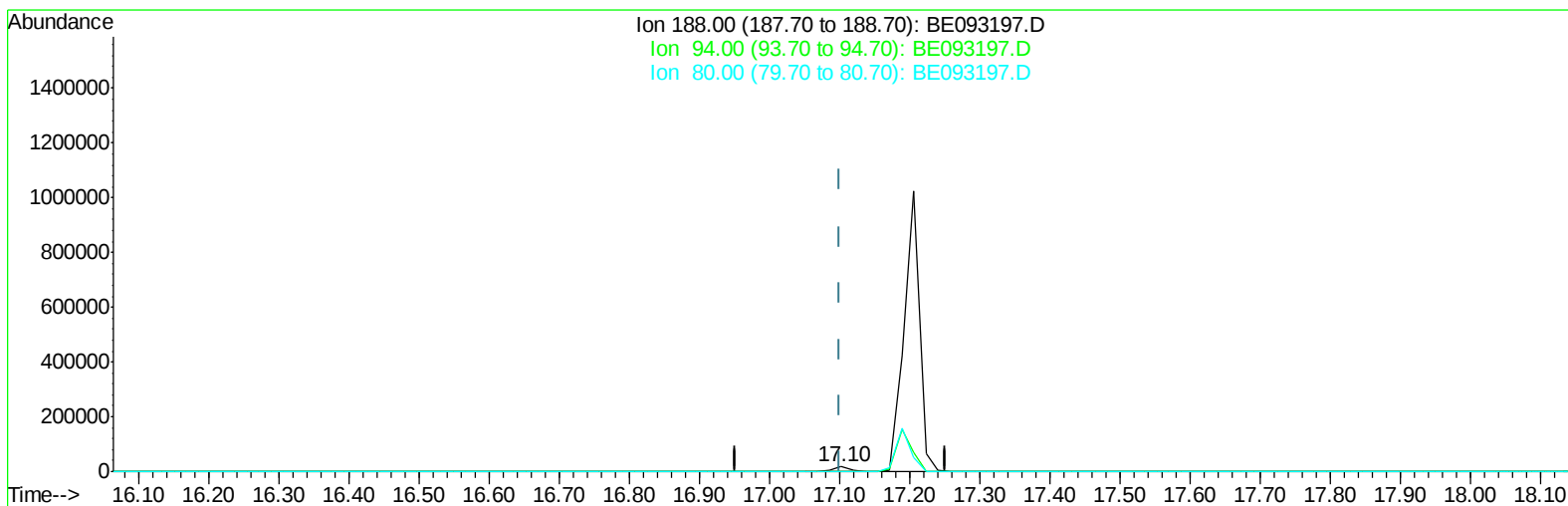
17.101min (-17.101) 0.00ng/ul

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\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:14:01 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(10) Phenanthrene-d10 (I)

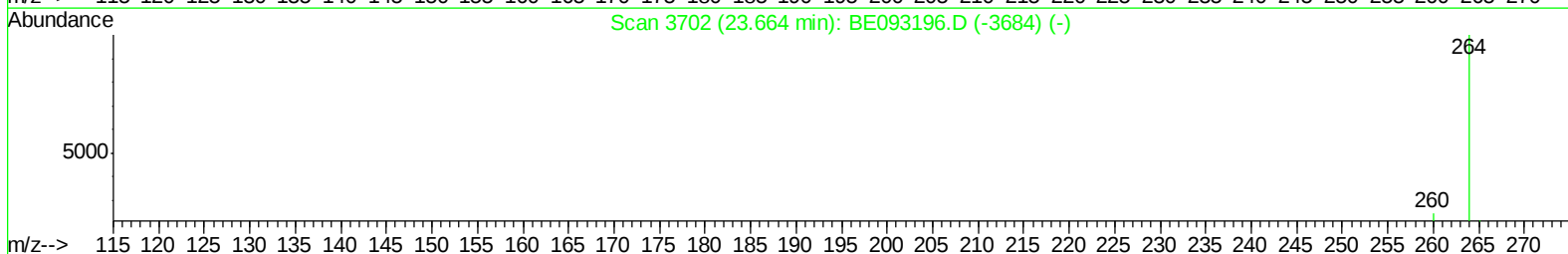
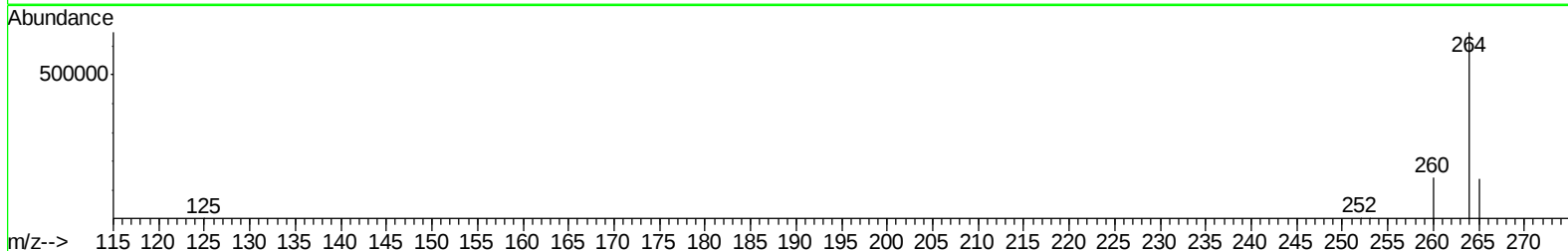
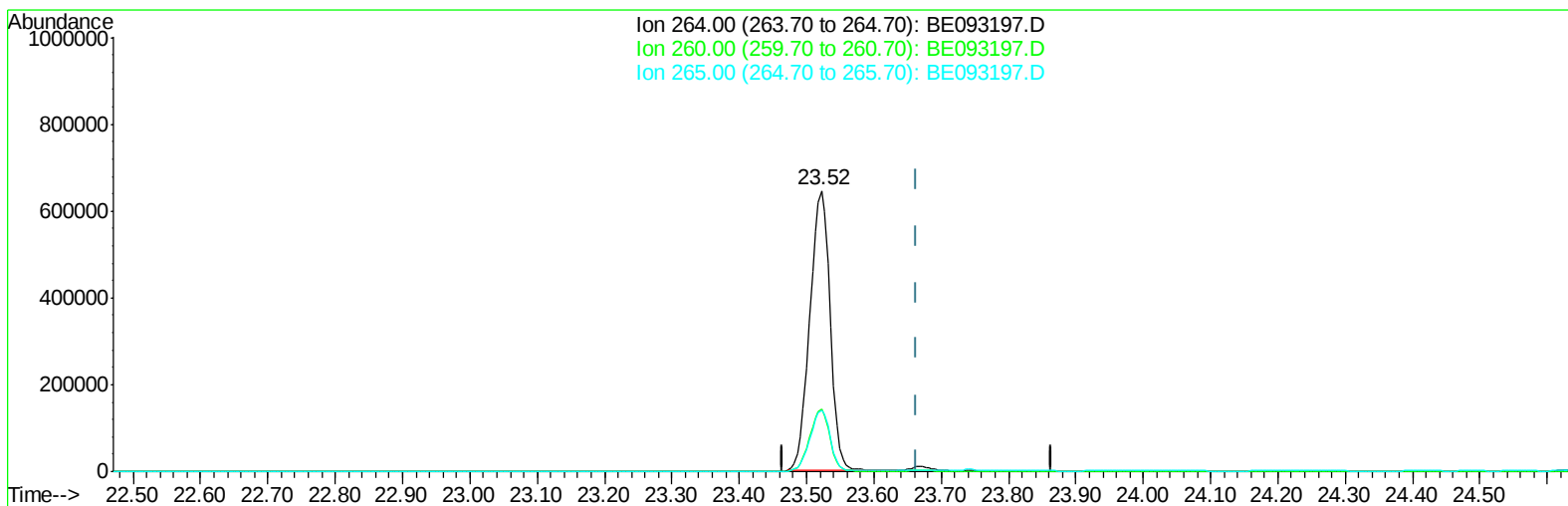
17.101min (+0.001) 0.40ng/ul m

response 25445

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.15
80.00	11.80	9.52
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:16:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(20) Perylene-d12 (I)

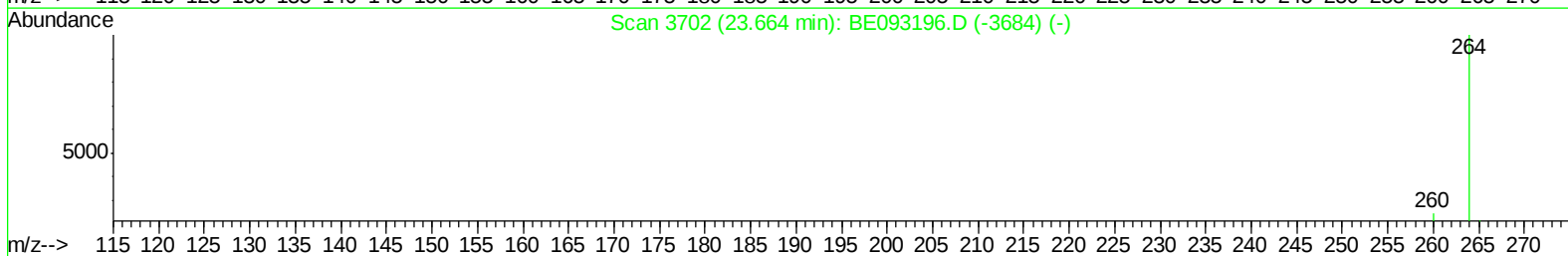
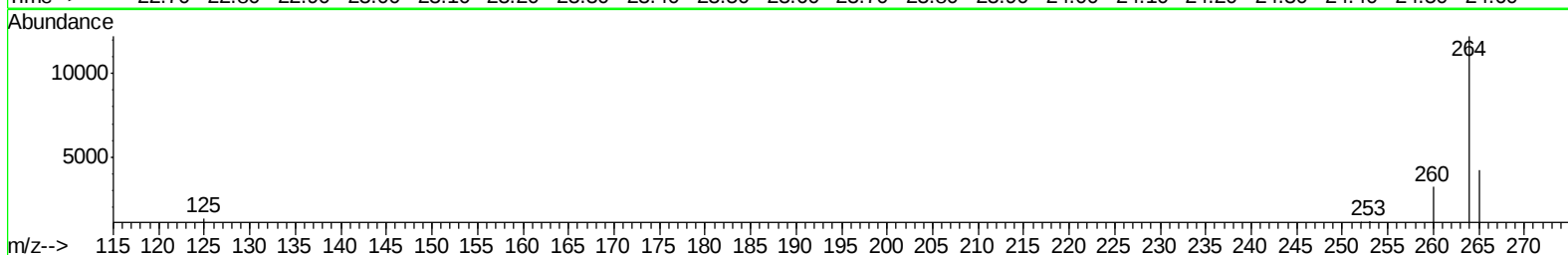
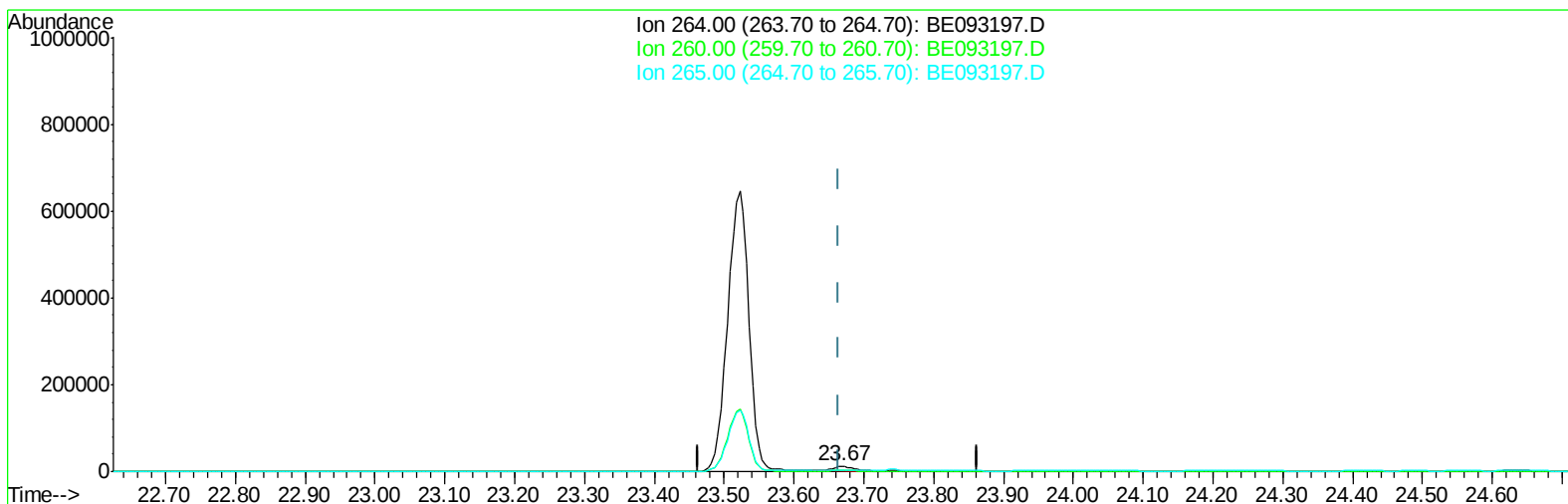
23.522min (-0.142) 0.40ng/ul

response 1351626

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.12#
265.00	103.50	21.66#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:16:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(20) Perylene-d12 (I)

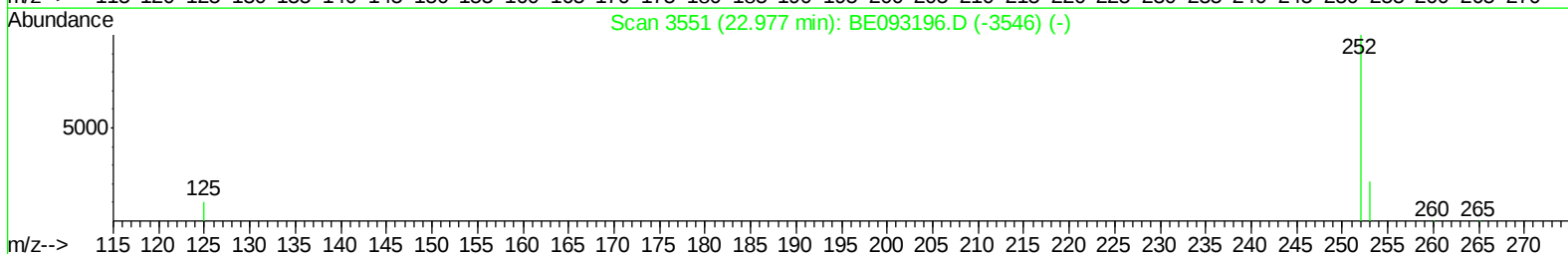
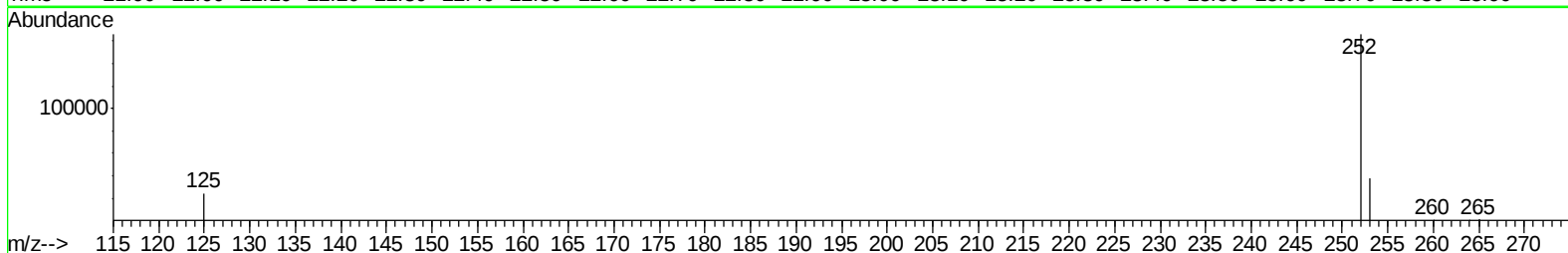
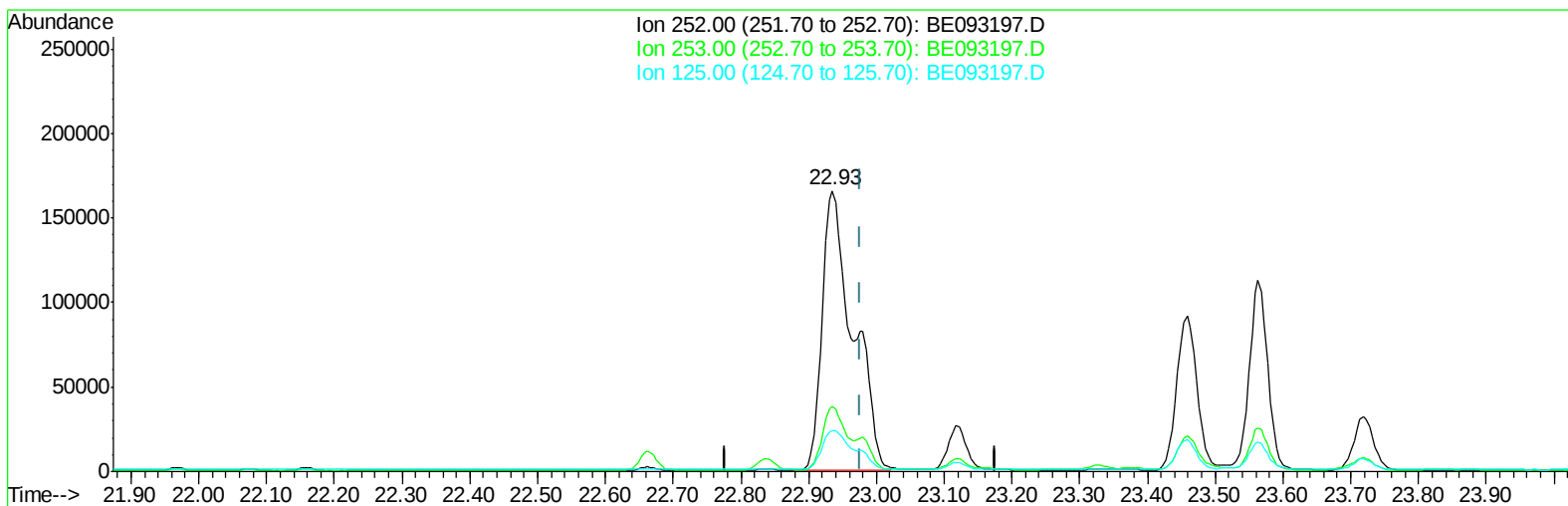
23.668min (+0.004) 0.40ng/ul m

response 20185

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.08
265.00	103.50	34.39#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:16:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(22) Benzo(k)fluoranthene

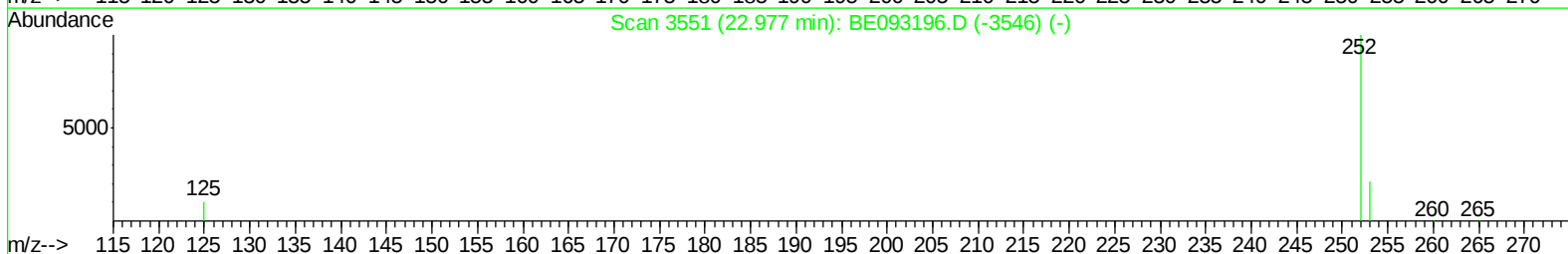
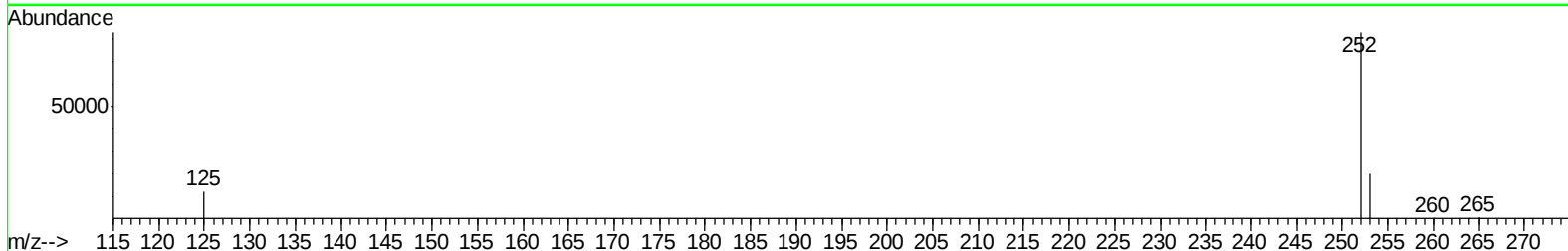
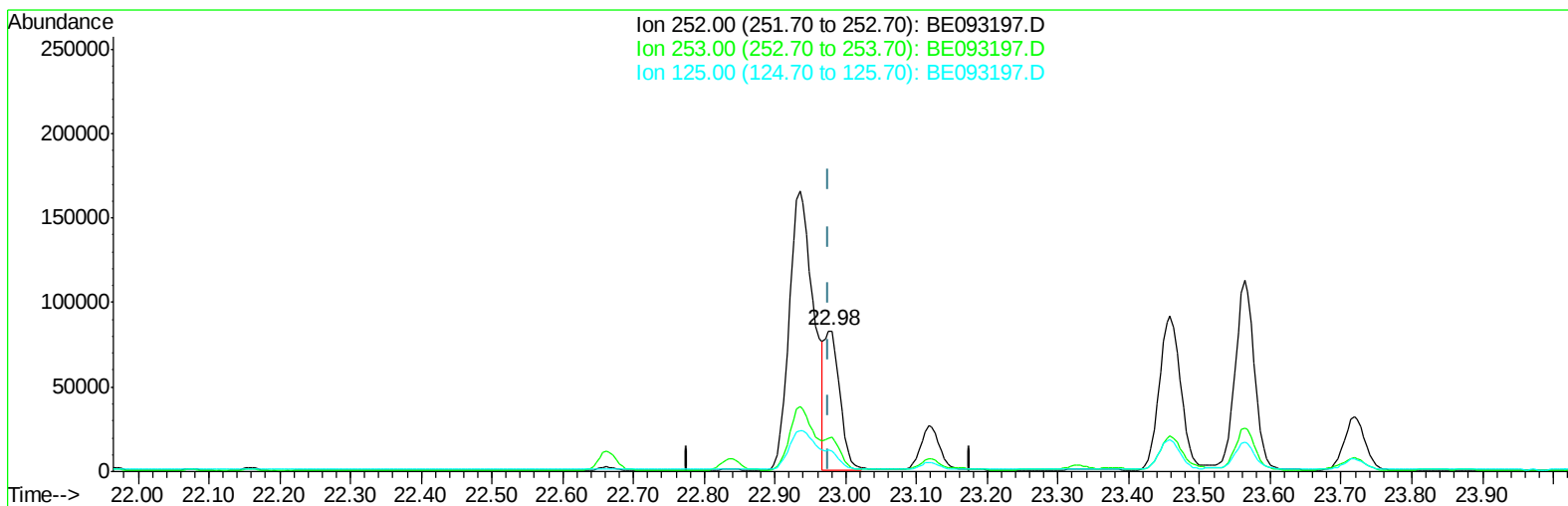
22.935min (-0.042) 8.02ng/ul

response 522022

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.04#
125.00	17.10	14.57
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:16:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(22) Benzo(k)fluoranthene

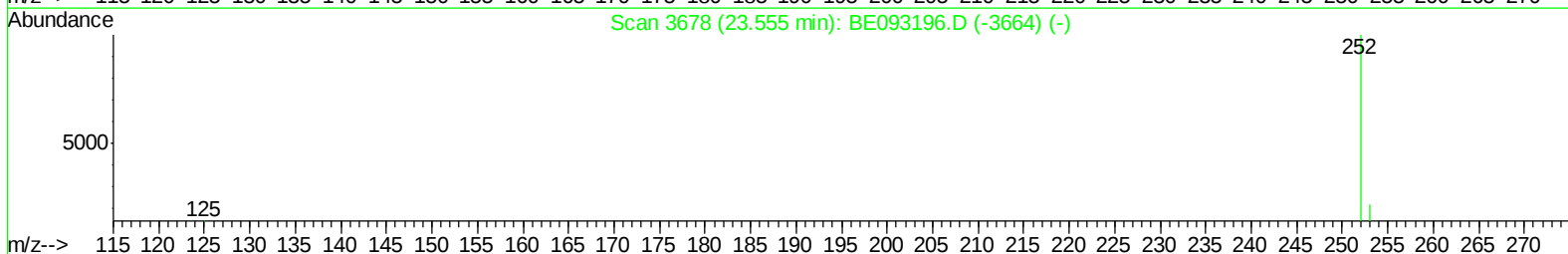
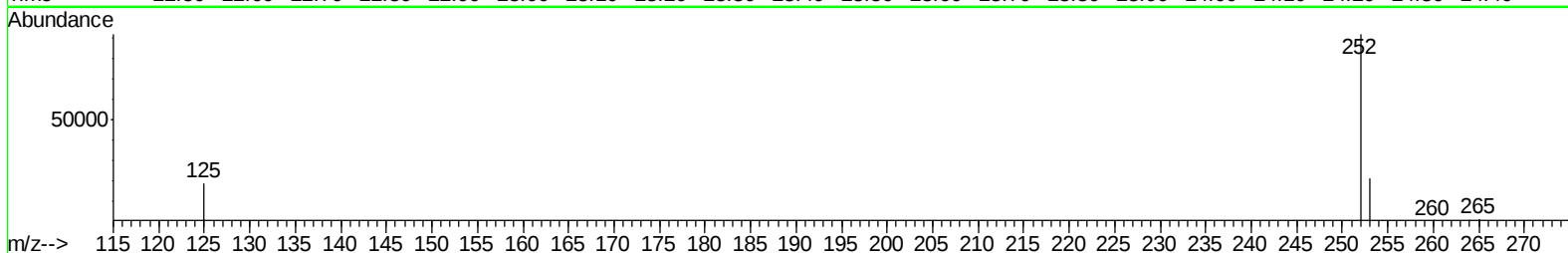
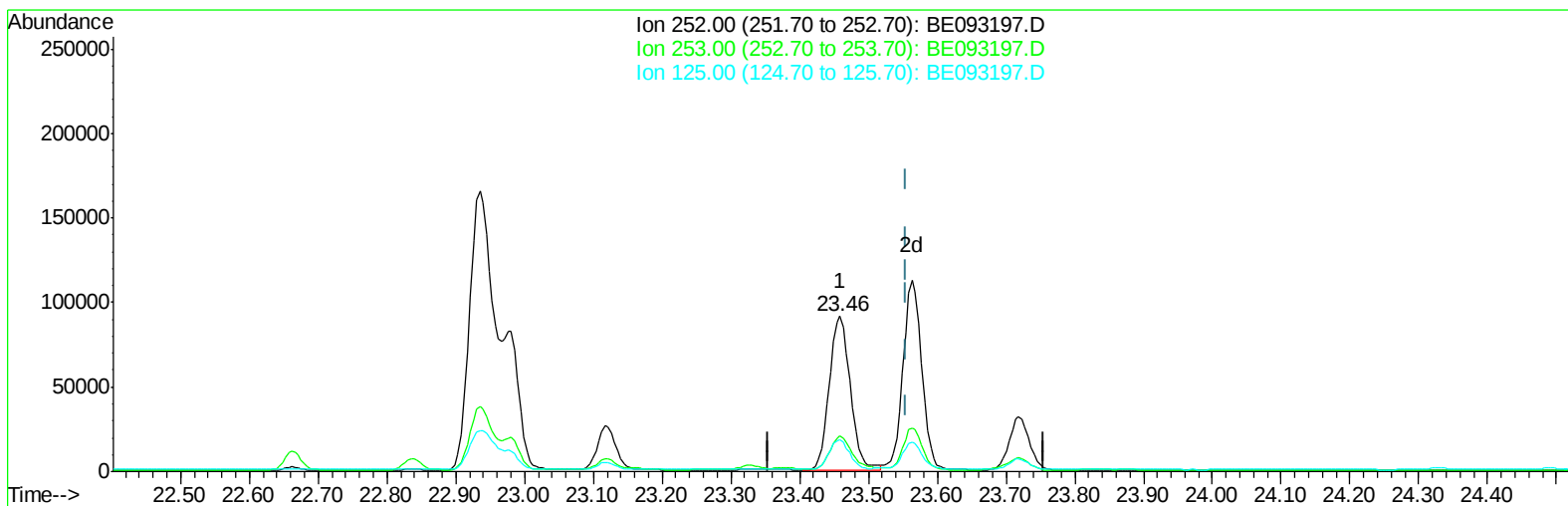
22.980min (+0.004) 1.85ng/ul m

response 120483

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.25#
125.00	17.10	14.76
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:16:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(23) Benzo(a)pyrene (C)

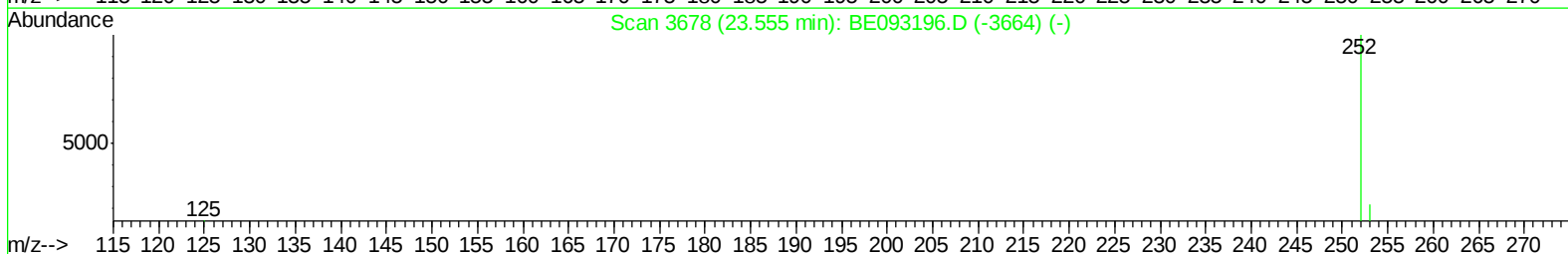
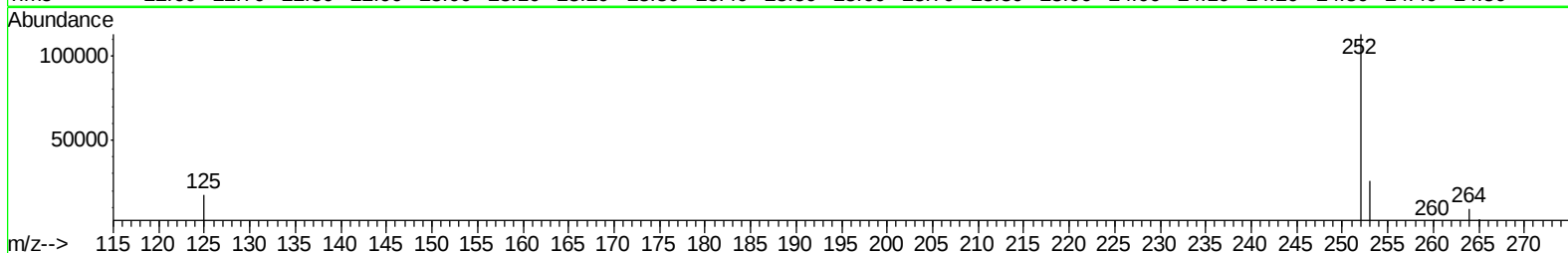
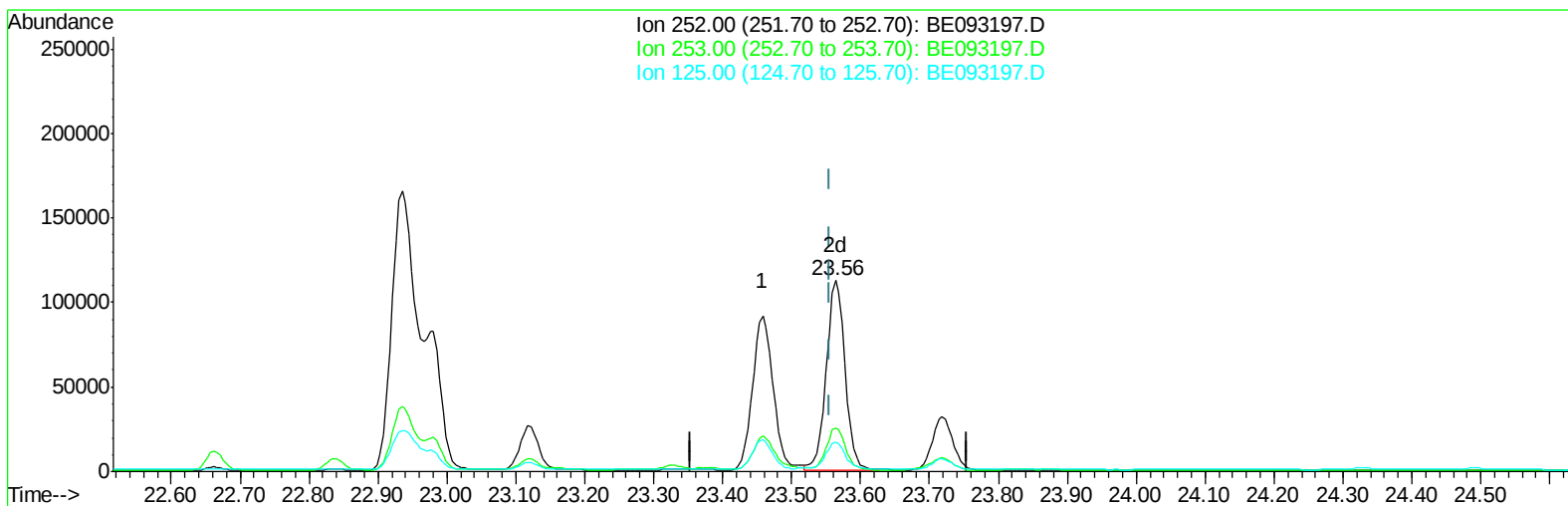
23.459min (-0.096) 3.32ng/ul

response 192496

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.69#
125.00	22.60	20.35
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:16:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(23) Benzo(a)pyrene (C)

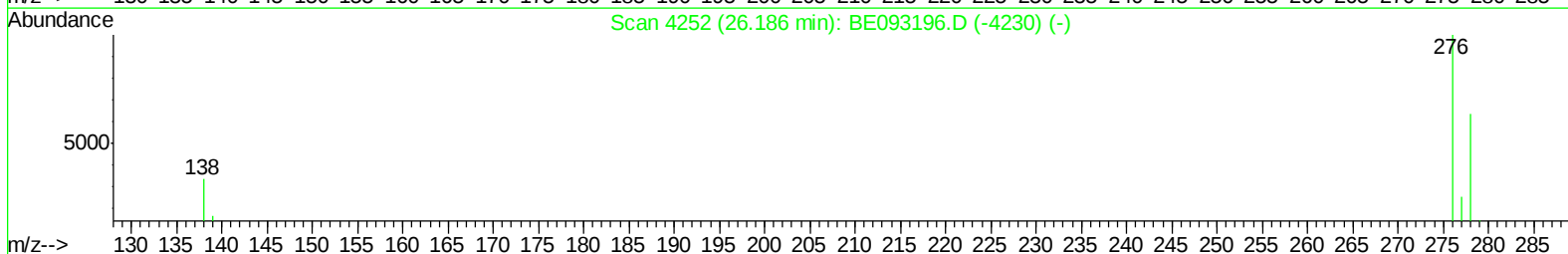
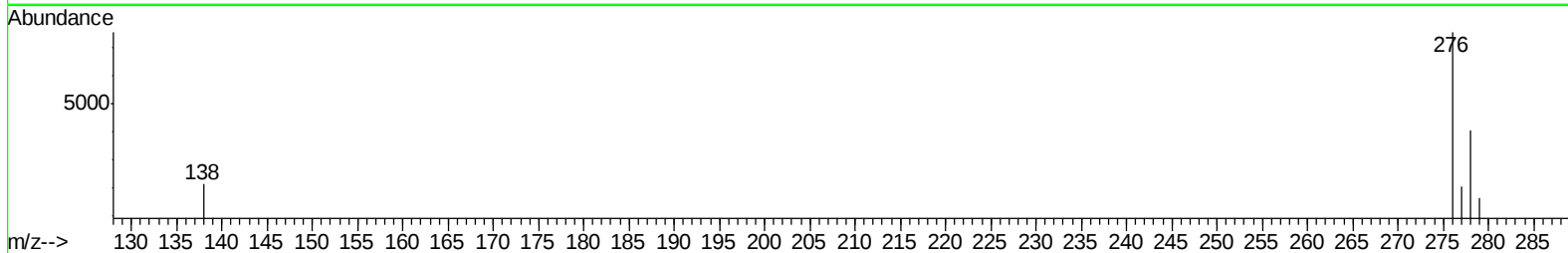
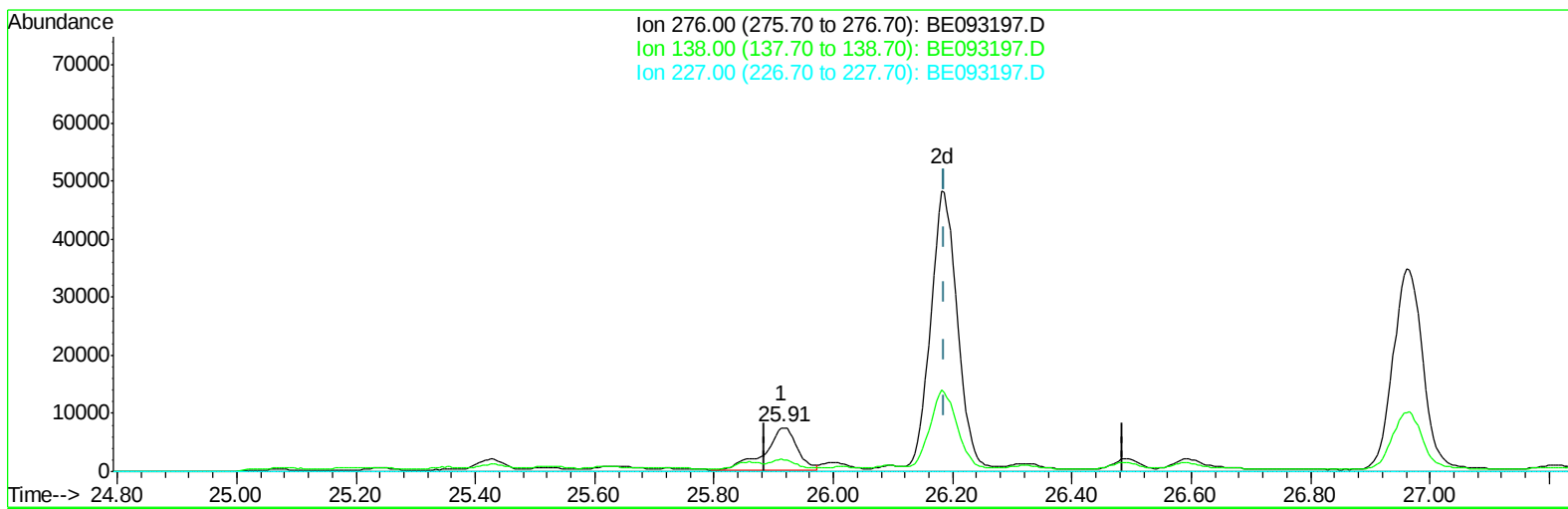
23.563min (+0.008) 3.69ng/ul m

response 213466

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.98#
125.00	22.60	15.66#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:16:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(24) Indeno(1,2,3-cd)pyrene

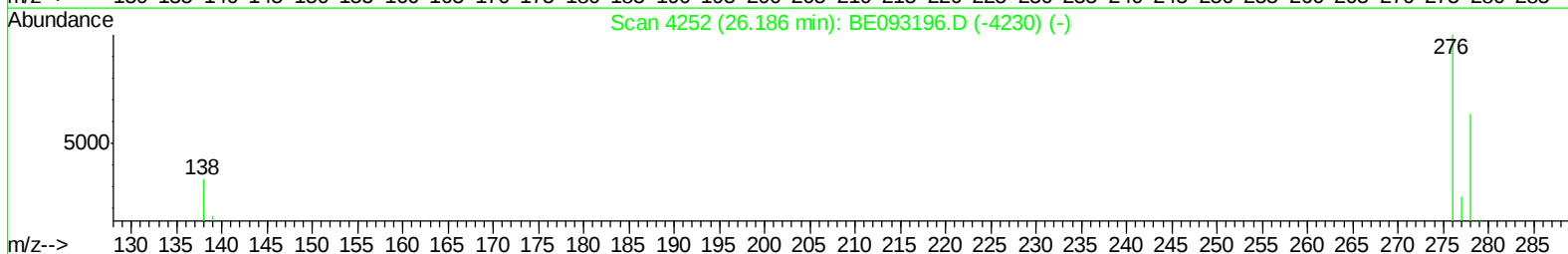
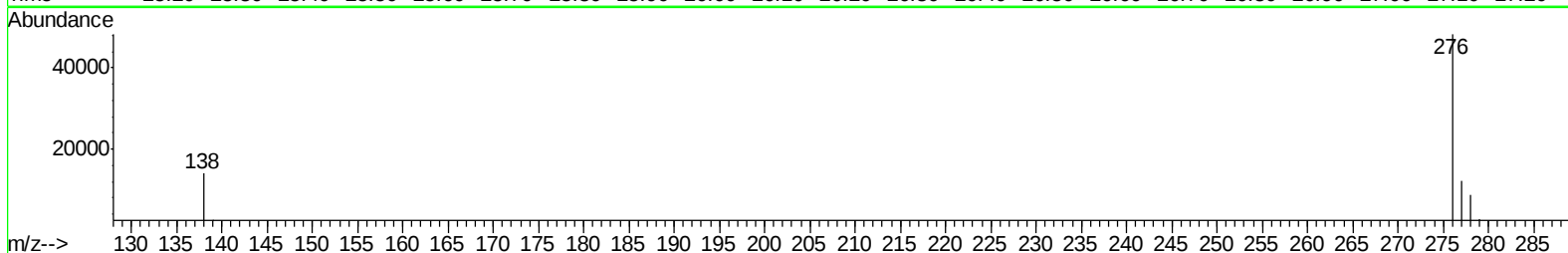
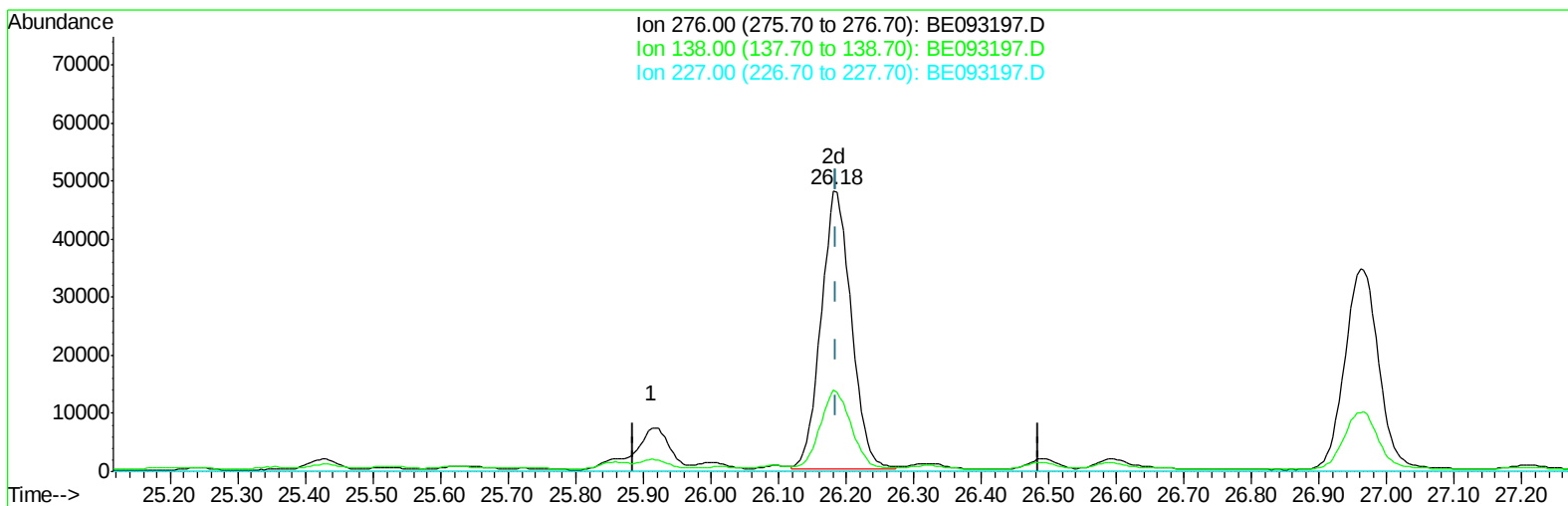
25.913min (-0.273) 0.40ng/ul

response 26953

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	17.30#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:16:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(24) Indeno(1,2,3-cd)pyrene

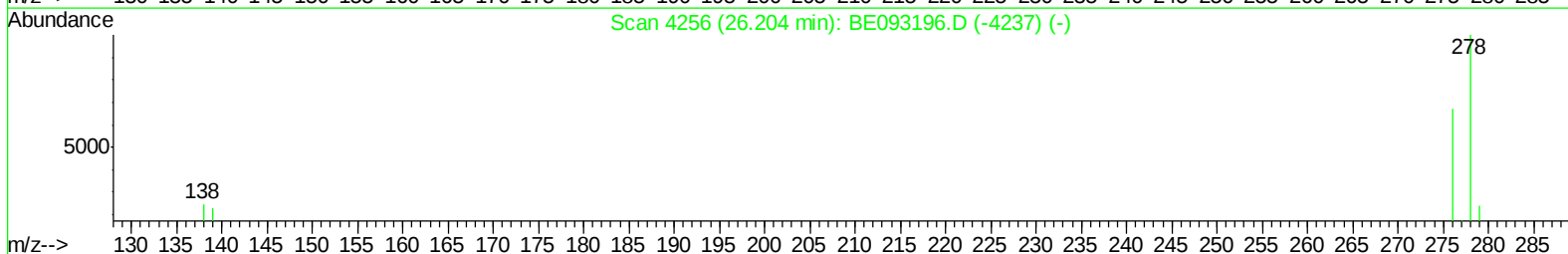
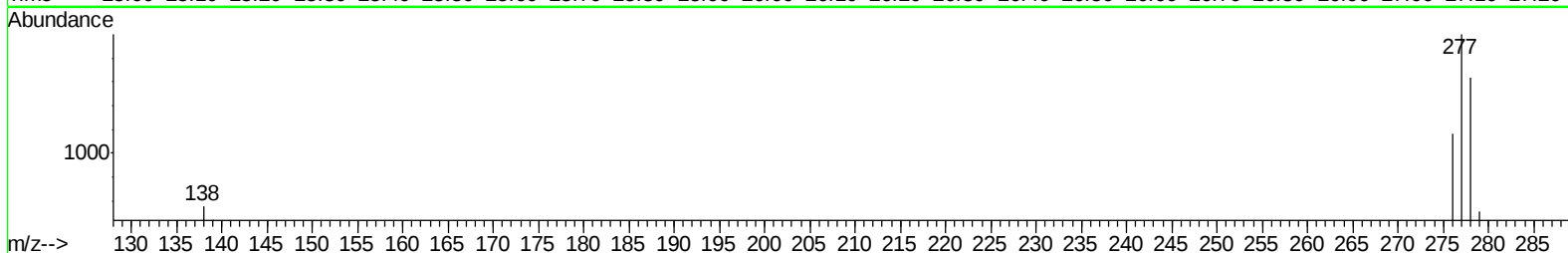
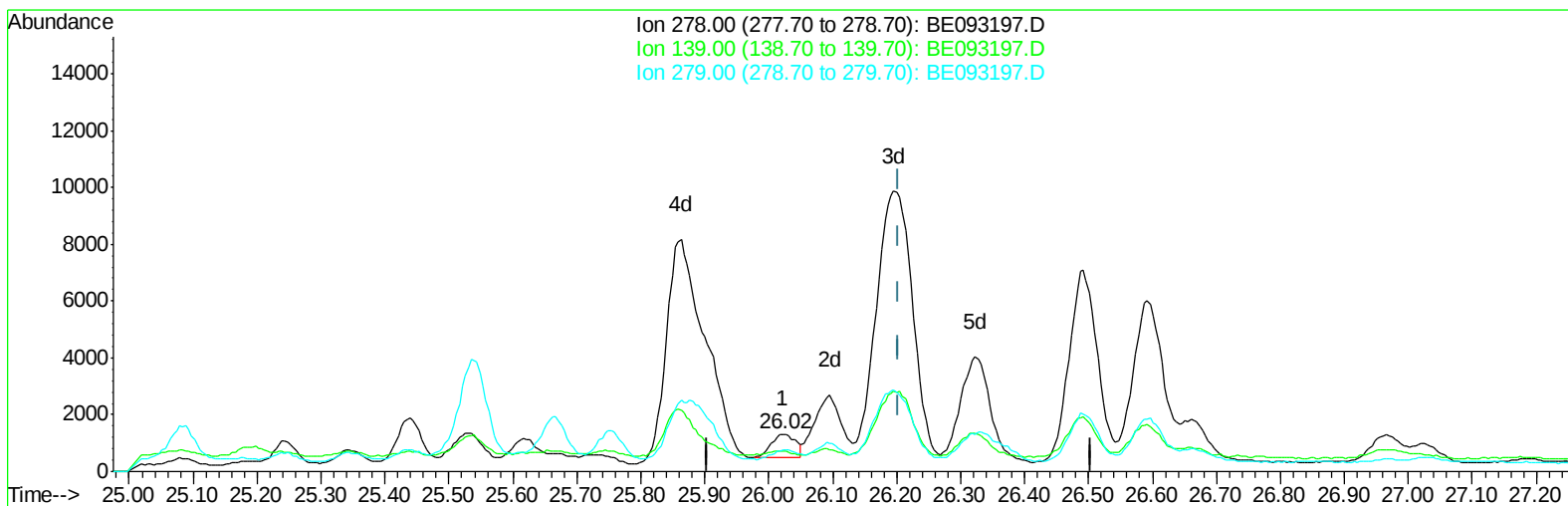
26.182min (-0.004) 2.21ng/ul m

response 148234

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.15#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:16:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(25) Dibenzo(a,h)anthracene

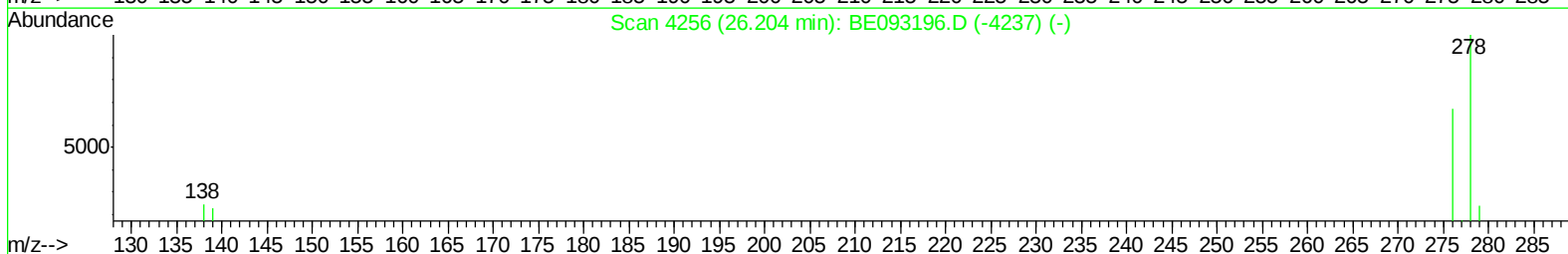
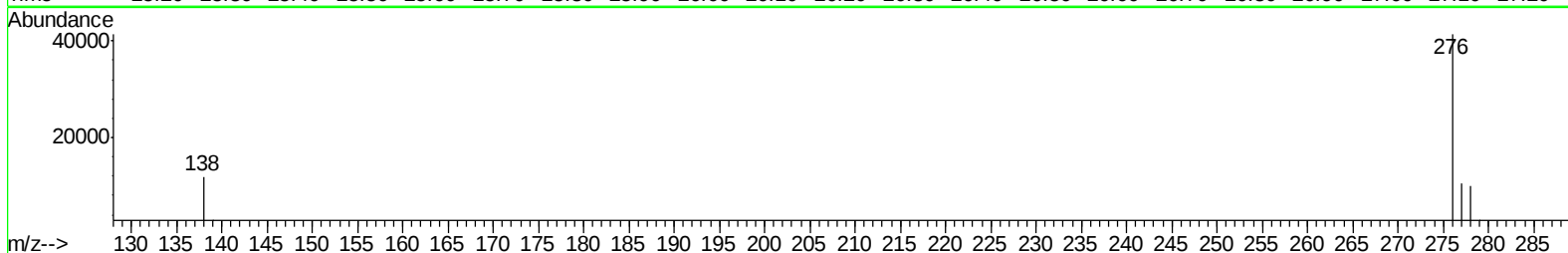
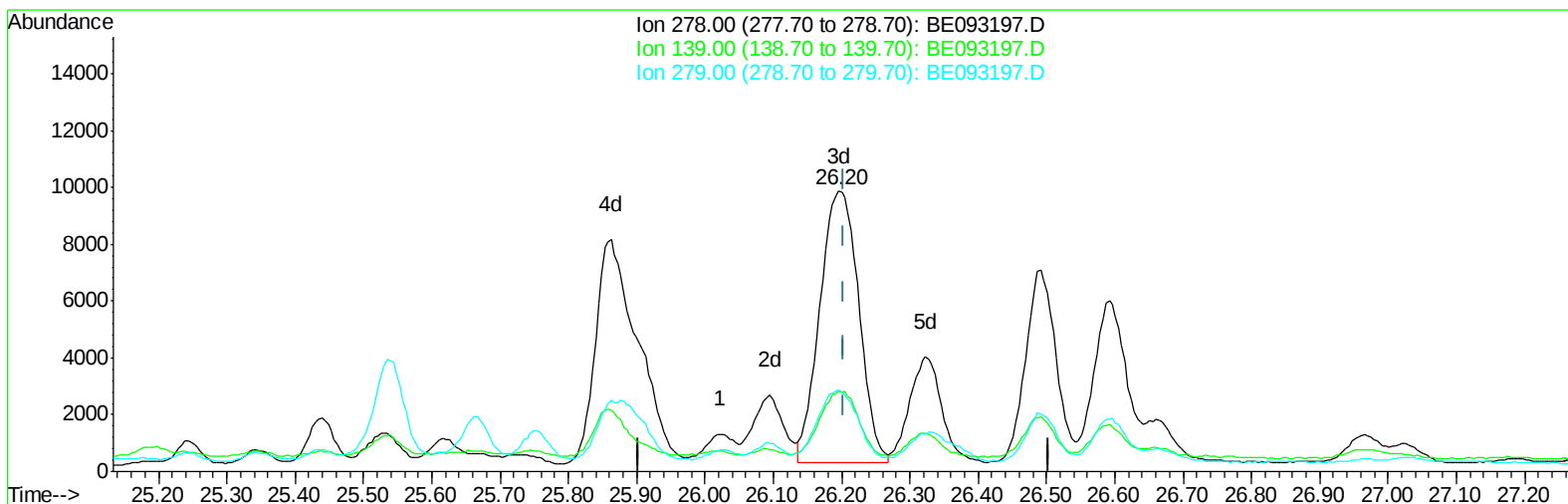
26.022min (-0.182) 0.04ng/ul

response 2263

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	54.44#
279.00	32.40	57.16#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:16:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093197.D

(25) Dibenzo(a,h)anthracene

26.195min (-0.009) 0.67ng/ul m

response 37888

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	28.57#
279.00	32.40	29.10
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
 Data File : BE093197.D
 Acq On : 15 Jun 2017 8:02
 Operator : SJ/MA
 Sample : I3521-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:18:26 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 07:58:47 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17059	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10896	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	25445m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	24613	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	20185m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7539	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	20257	0.29	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.57	128	7627	0.180	ng/ul#	93
5) 2-Methylnaphthalene	12.19	142	2259	0.078	ng/ul	98
7) Acenaphthylene	14.09	152	31423	0.672	ng/ul	96
8) Acenaphthene	14.43	153	1393	0.037	ng/ul	95
9) Fluorene	15.42	166	1376	0.031	ng/ul#	82
12) Phenanthrene	17.14	178	32375	0.462	ng/ul#	87
13) Anthracene	17.22	178	36290	0.595	ng/ul#	86
15) Fluoranthene	19.16	202	271286	3.160	ng/ul	83
17) Pyrene	19.52	202	359799	4.957	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	178796	2.723	ng/ul#	85
19) Chrysene	21.29	228	199428	2.928	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	400451	6.537	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	120483m	1.852	ng/ul	
23) Benzo(a)pyrene	23.56	252	213466m	3.686	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	148234m	2.210	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	37888m	0.671	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	120881	2.102	ng/ul	97

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

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093197.D
Acq On : 15 Jun 2017 8:02
Operator : SJ/MA
Sample : I3521-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 11:18:26 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
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