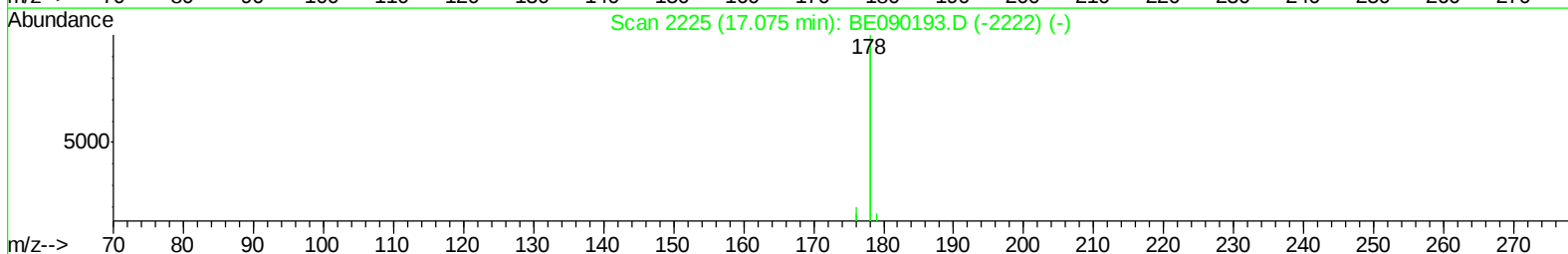
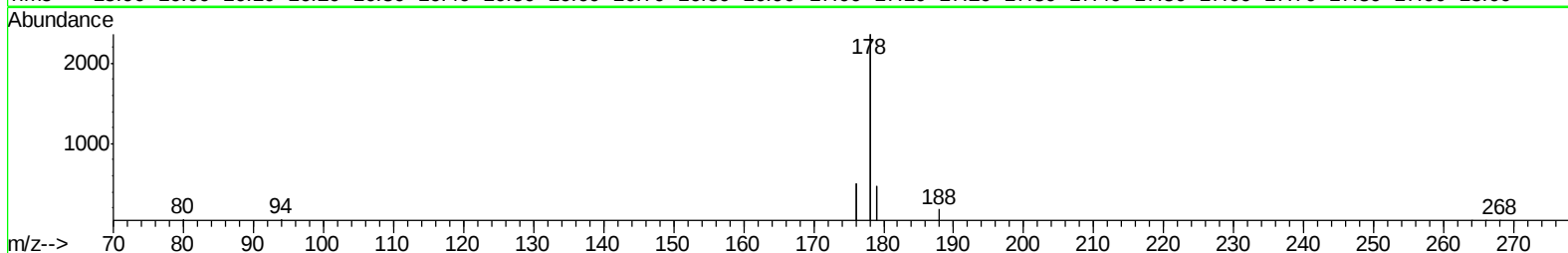
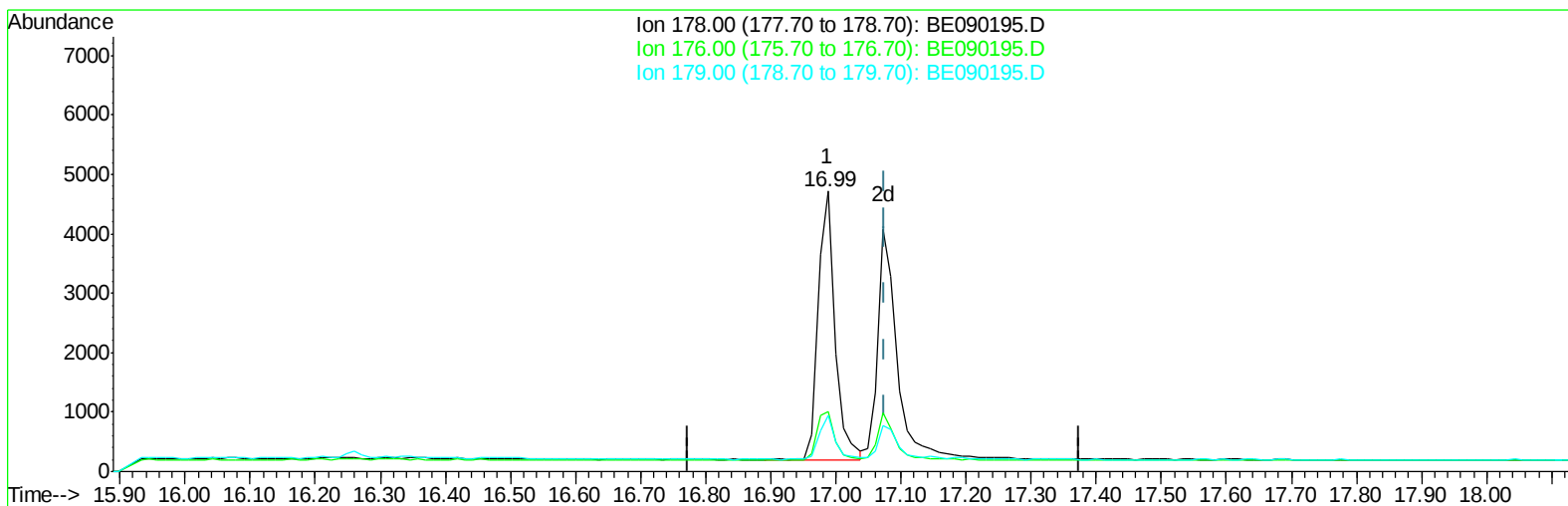


Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090195.D
Acq On : 21 Jul 2015 4:38
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-SIM2.2-0.15PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 21 07:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 07:09:07 2015
Response via : Initial Calibration



TIC: BE090195.D

(13) Anthracene

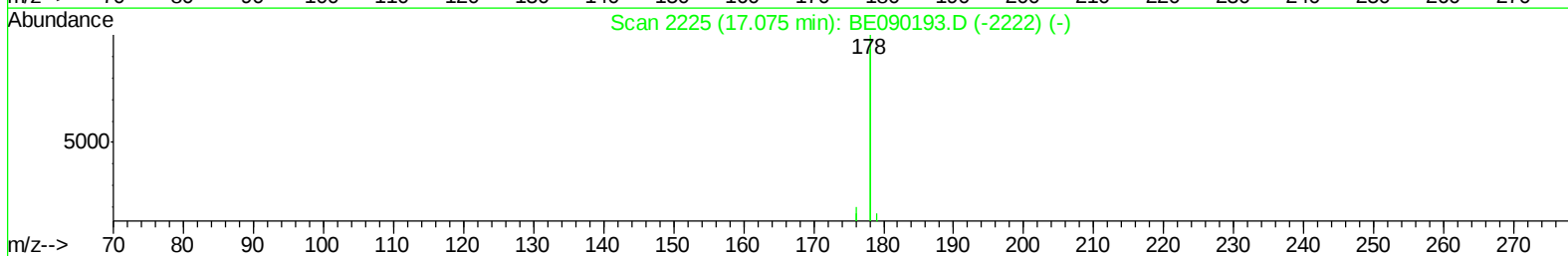
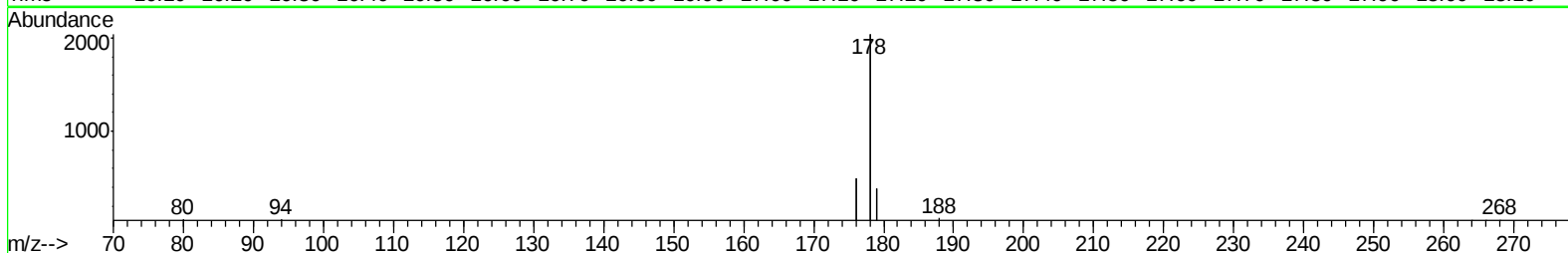
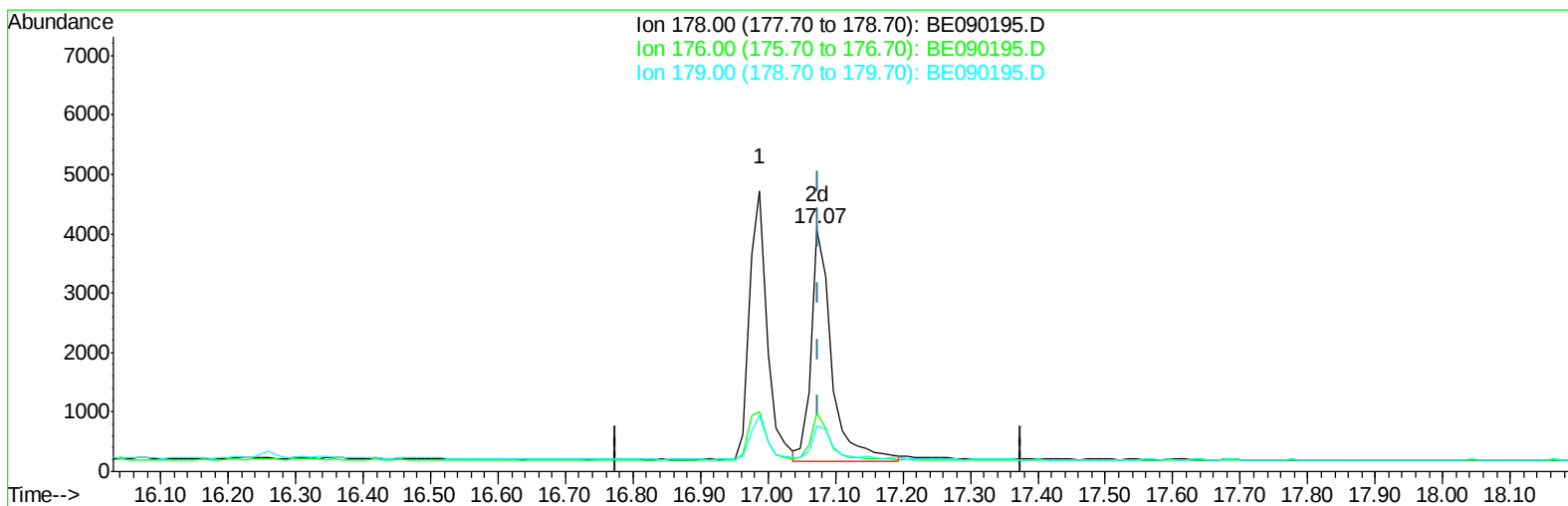
16.988min (-0.087) 0.12ng/ul

response 8084

Ion	Exp%	Act%
178.00	100	100
176.00	20.00	21.23
179.00	16.70	19.79
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090195.D
Acq On : 21 Jul 2015 4:38
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-SIM2.2-0.15PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 21 07:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 07:09:07 2015
Response via : Initial Calibration



TIC: BE090195.D

(13) Anthracene

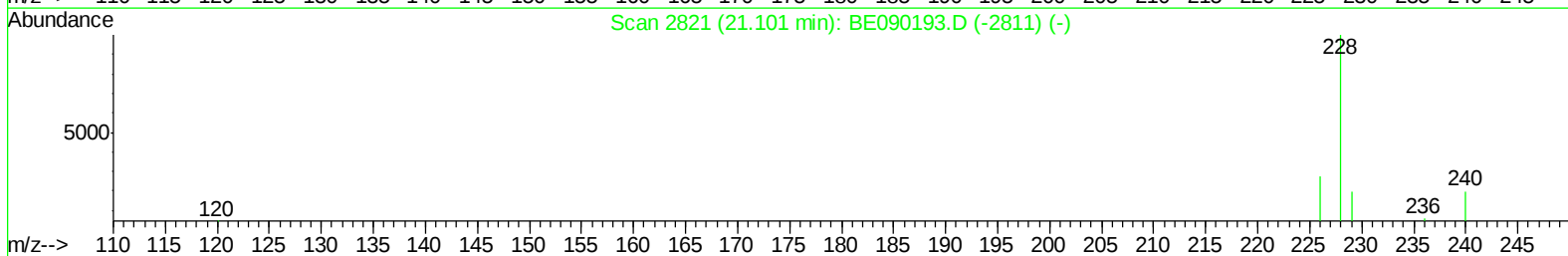
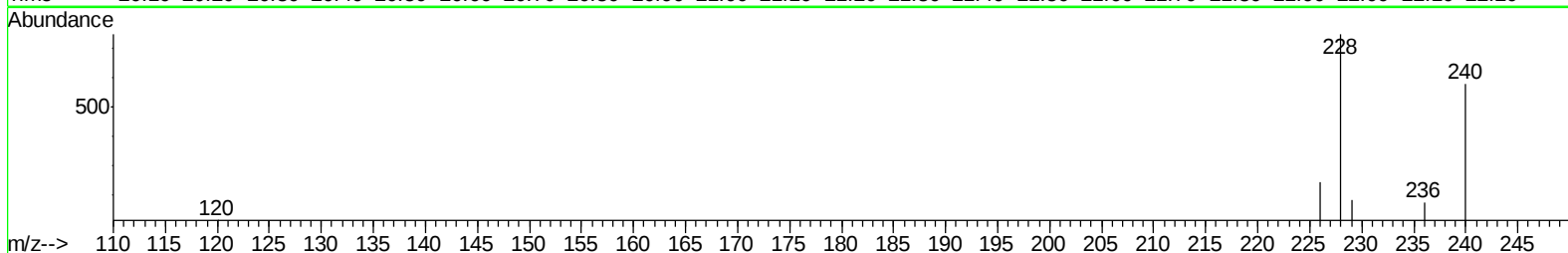
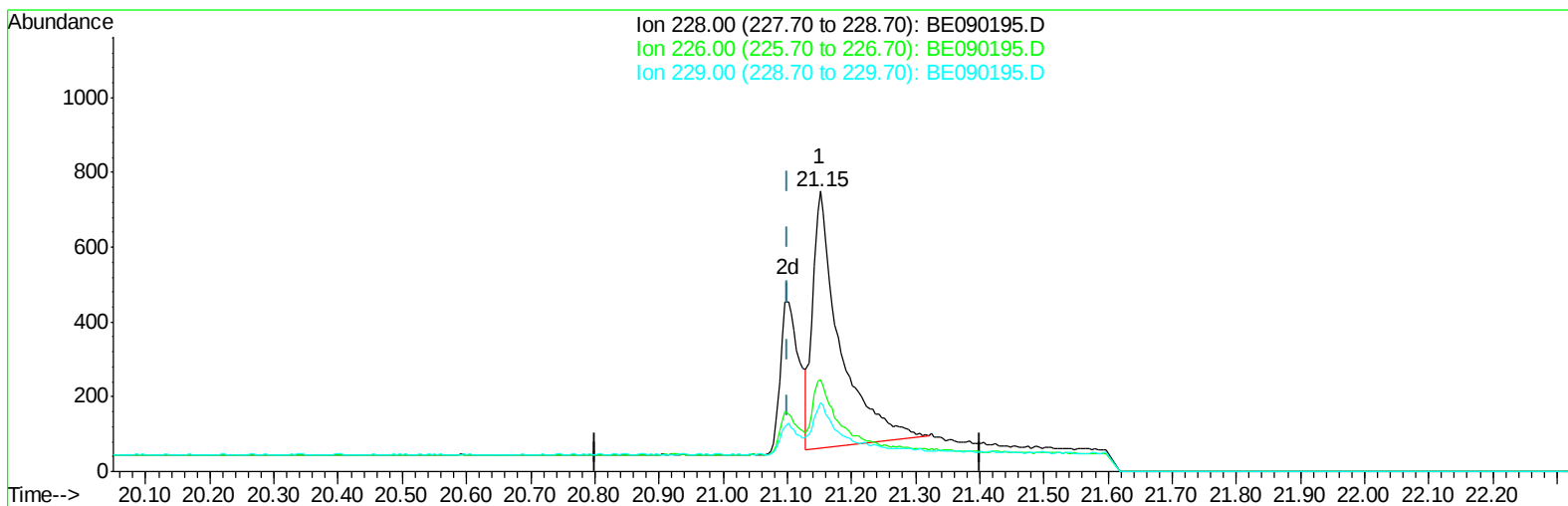
17.073min (-0.002) 0.12ng/ul m

response 8264

Ion	Exp%	Act%
178.00	100	100
176.00	20.00	24.47#
179.00	16.70	18.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090195.D
Acq On : 21 Jul 2015 4:38
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-SIM2.2-0.15PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 21 07:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 07:09:07 2015
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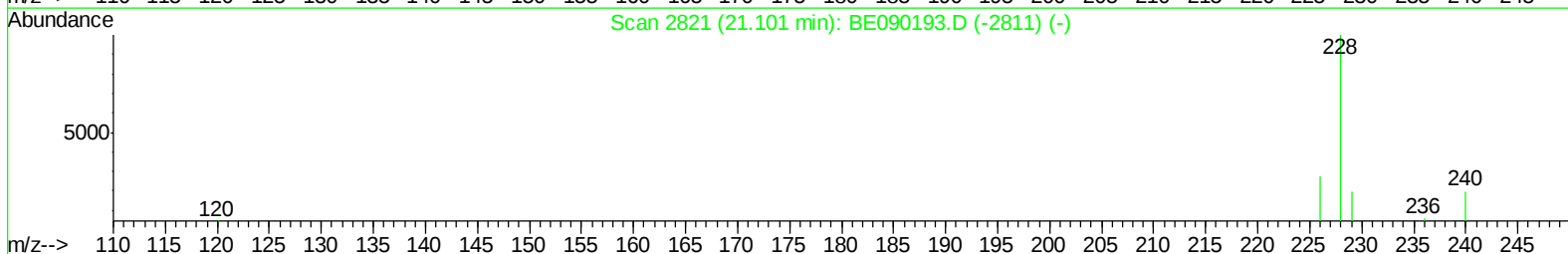
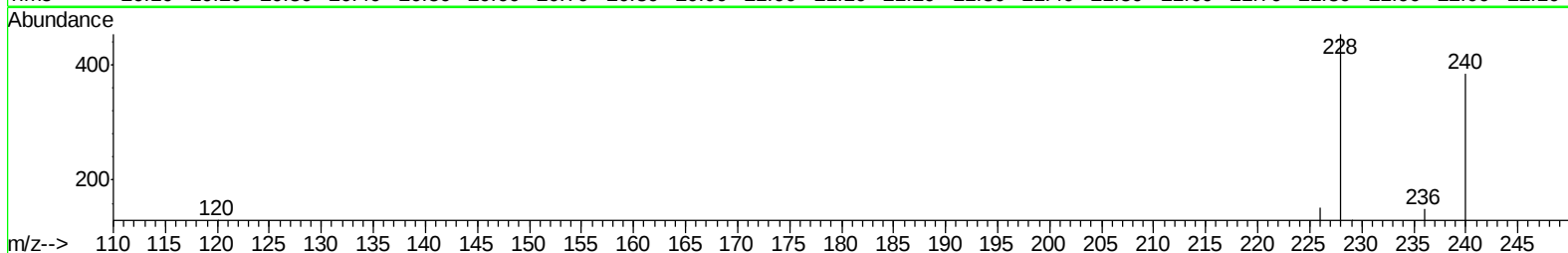
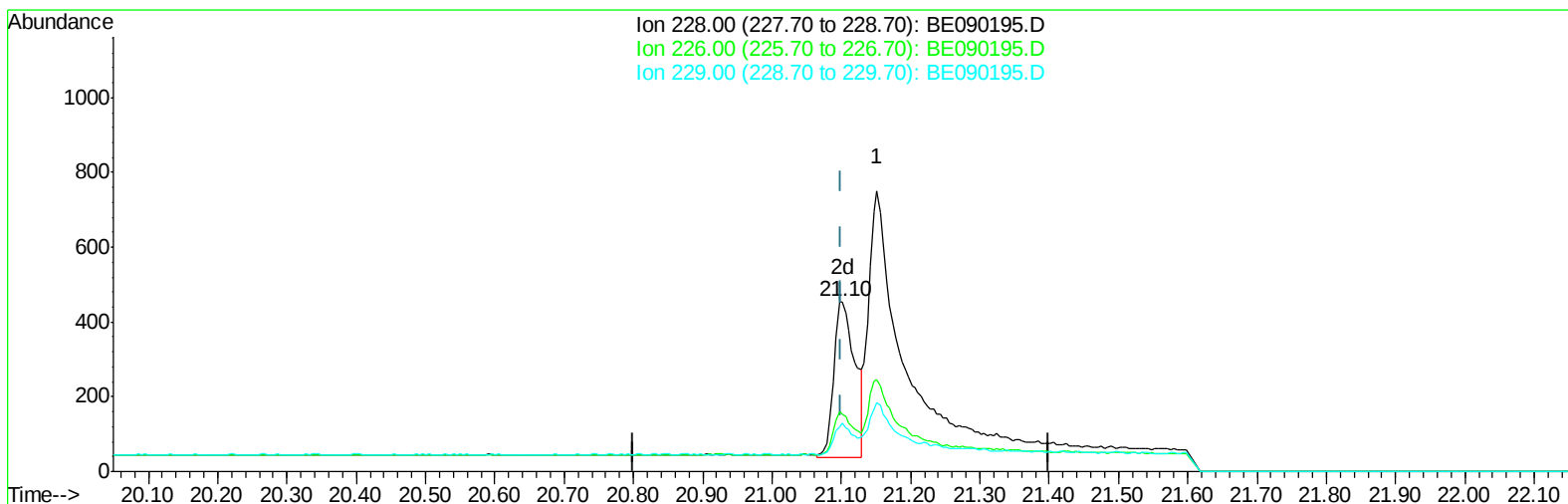
TIC: BE090195.D

(18) Benzo(a)anthracene
21.151min (+0.050) 0.16ng/ul
response 2042

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	32.67
229.00	21.10	24.53
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090195.D
Acq On : 21 Jul 2015 4:38
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-SIM2.2-0.15PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 21 07:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 07:09:07 2015
Response via : Initial Calibration



TIC: BE090195.D

(18) Benzo(a)anthracene

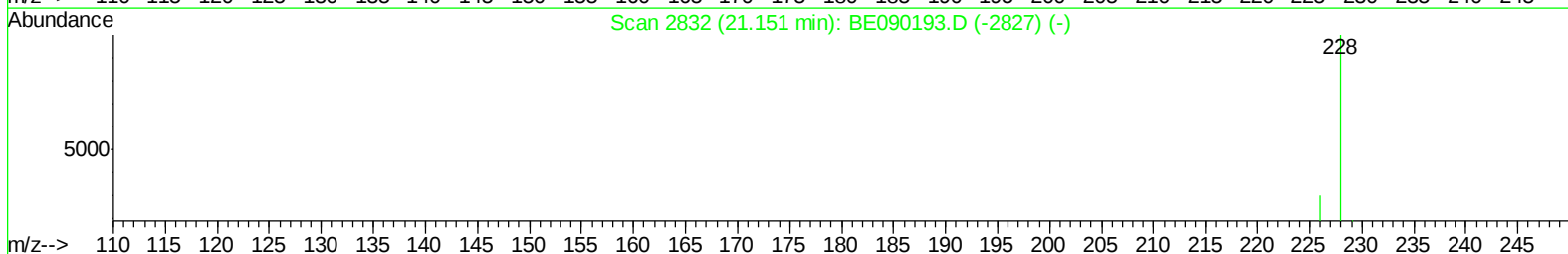
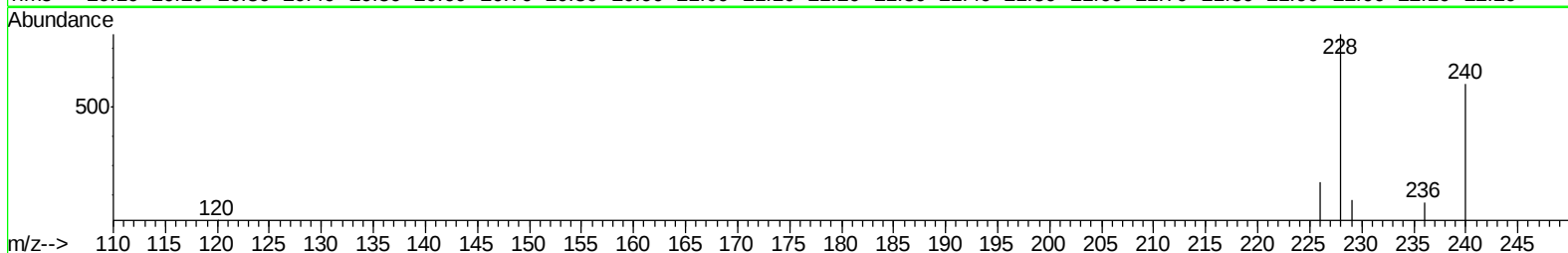
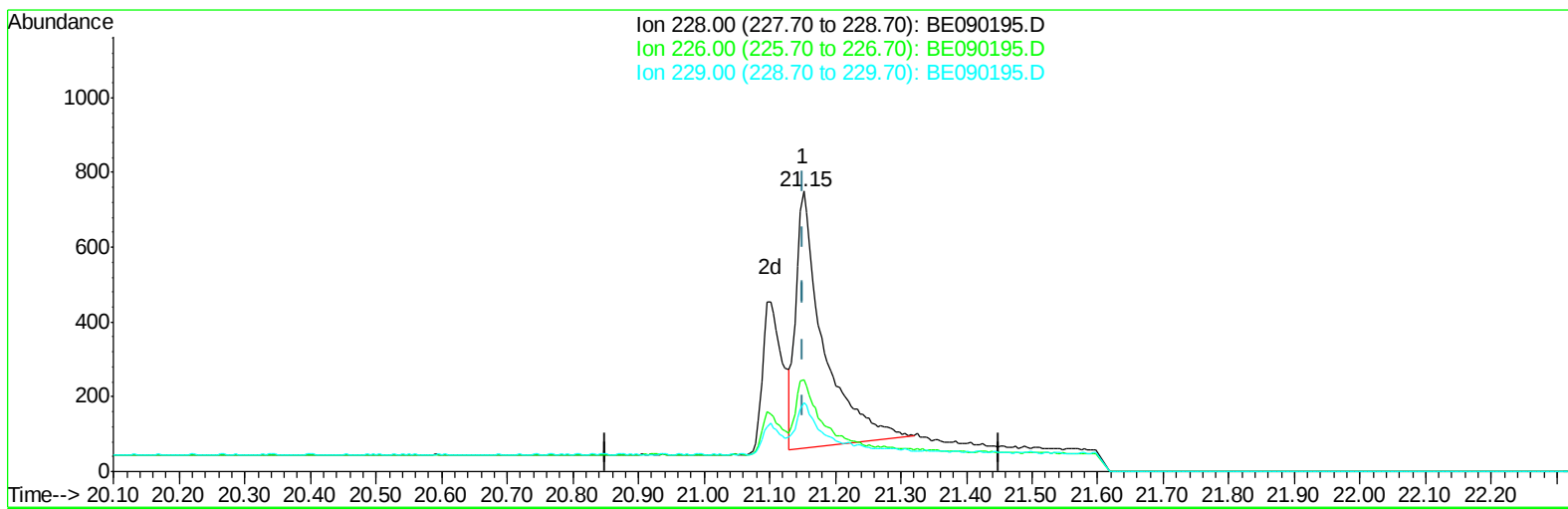
21.101min (+0.000) 0.07ng/ul m

response 888

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	33.48#
229.00	21.10	28.85#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090195.D
Acq On : 21 Jul 2015 4:38
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-SIM2.2-0.15PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 21 07:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 07:09:07 2015
Response via : Initial Calibration



TIC: BE090195.D

(19) Chrysene

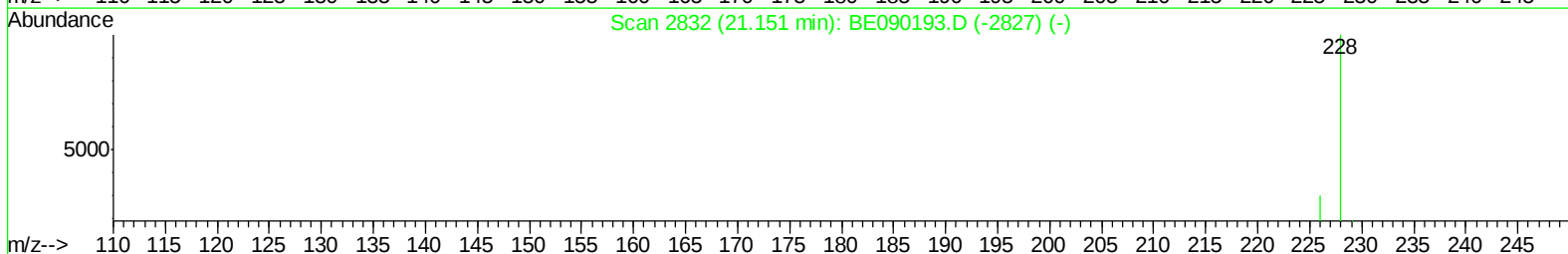
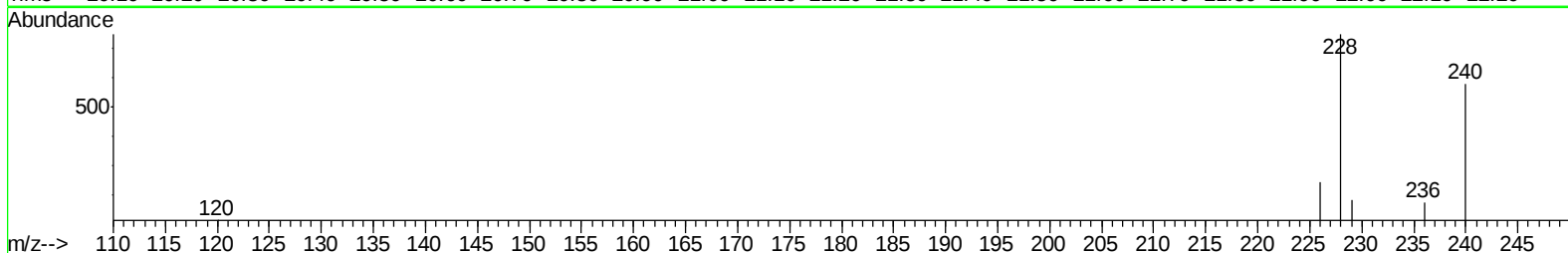
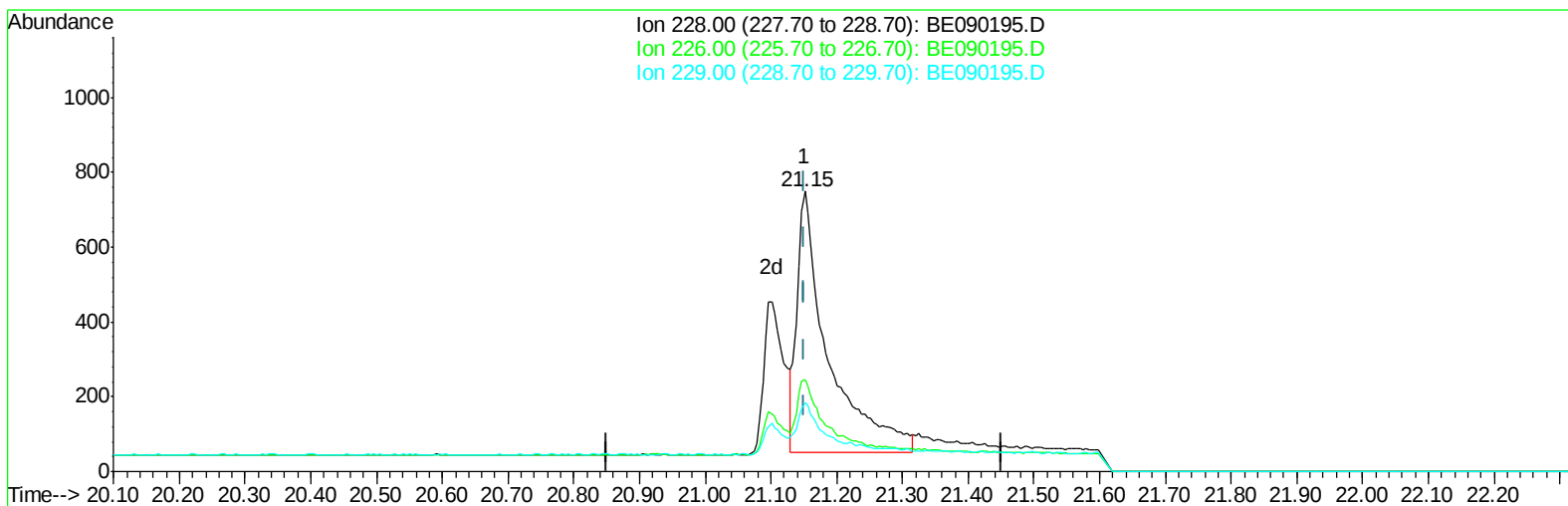
21.151min (+0.000) 0.13ng/ul

response 2042

Ion	Exp%	Act%
228.00	100	100
226.00	30.40	32.67
229.00	20.70	24.53
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090195.D
Acq On : 21 Jul 2015 4:38
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-SIM2.2-0.15PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 21 07:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 07:09:07 2015
Response via : Initial Calibration



TIC: BE090195.D

(19) Chrysene

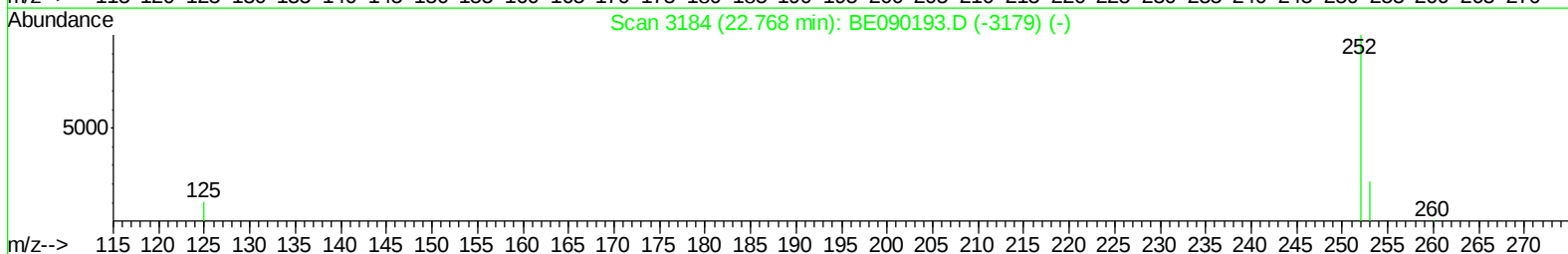
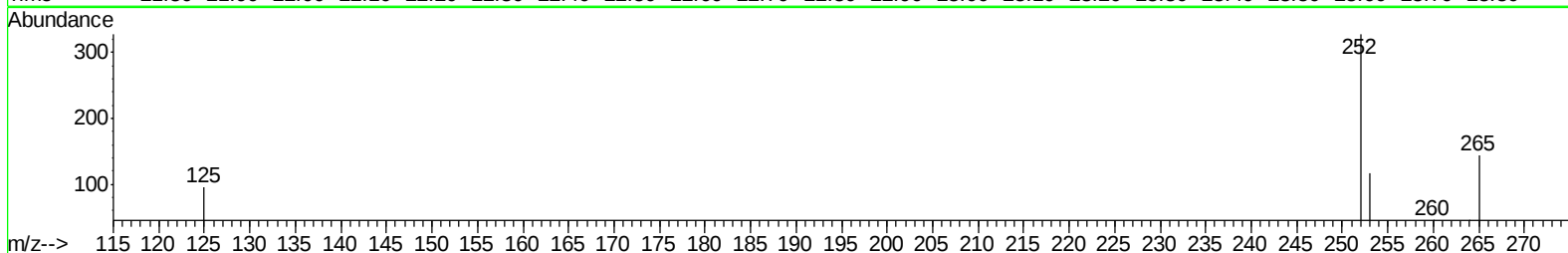
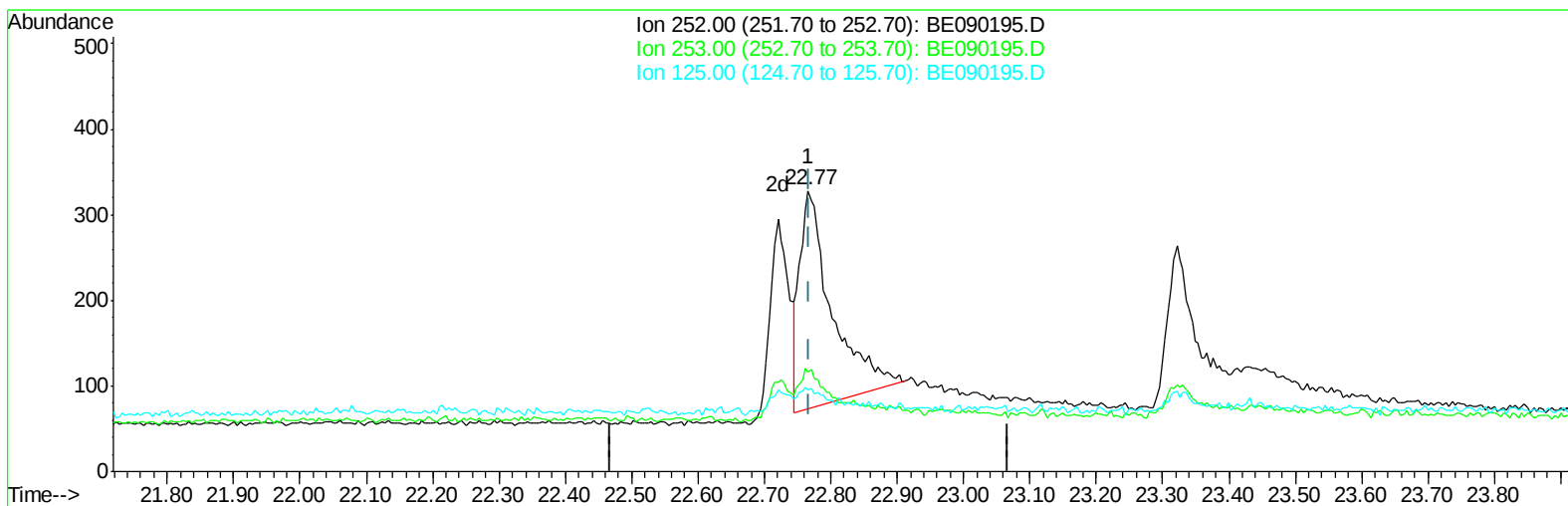
21.151min (+0.000) 0.15ng/ul m

response 2312

Ion	Exp%	Act%
228.00	100	100
226.00	30.40	32.67
229.00	20.70	24.53
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090195.D
Acq On : 21 Jul 2015 4:38
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-SIM2.2-0.15PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 21 07:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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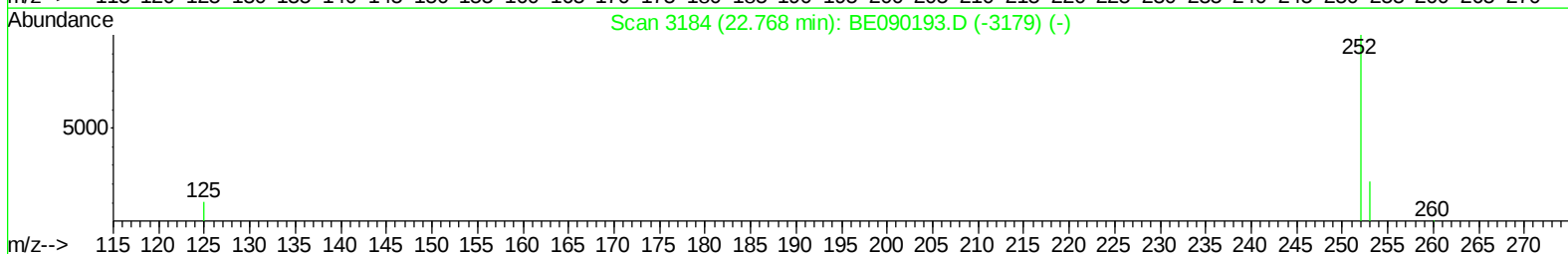
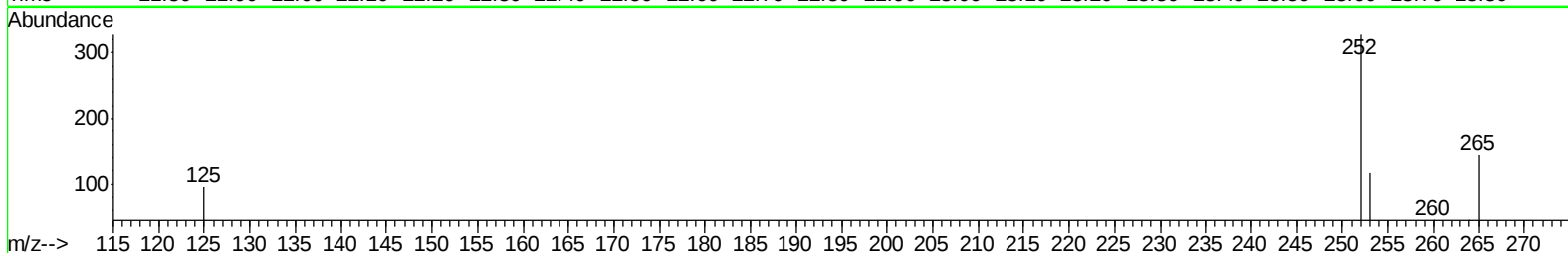
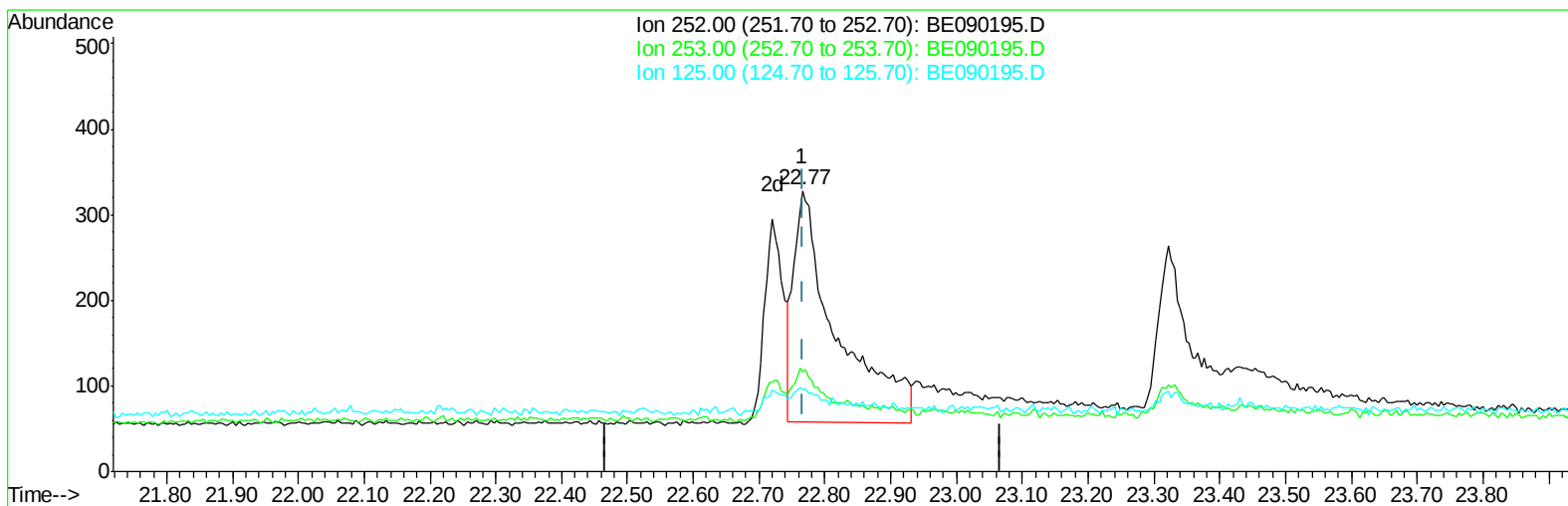
TIC: BE090195.D

(22) Benzo(k)fluoranthene
22.766min (-0.002) 0.07ng/ul
response 865

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	35.37#
125.00	12.30	28.96#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
Data File : BE090195.D
Acq On : 21 Jul 2015 4:38
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-WATER-SIM2.2-0.15PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 21 07:16:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M
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Response via : Initial Calibration



TIC: BE090195.D

(22) Benzo(k)fluoranthene

22.766min (-0.002) 0.10ng/ul m

response 1227

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	35.37#
125.00	12.30	28.96#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072115\
 Data File : BE090195.D
 Acq On : 21 Jul 2015 4:38
 Operator : TP/IZ
 Sample : MDL-02-W
 Misc : MDL-WATER-SIM2.2-0.15PPM
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 21 07:26:41 2015

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072115.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 21 07:09:07 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	822	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3937	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2276	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6109	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	4877	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	3219	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2505	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	6671	0.36	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	10.42	128	1227	0.12	ng/ul#	89
5) 2-Methylnaphthalene	12.03	142	826	0.12	ng/ul	99
7) Acenaphthylene	13.93	152	5588	0.12	ng/ul#	93
8) Acenaphthene	14.27	153	4098	0.12	ng/ul	95
9) Fluorene	15.27	166	1152	0.11	ng/ul#	98
12) Phenanthrene	16.99	178	8084	0.11	ng/ul	95
13) Anthracene	17.07	178	8264m	0.12	ng/ul	
15) Fluoranthene	19.00	202	9505	0.11	ng/ul	92
17) Pyrene	19.36	202	9645	0.16	ng/ul	96
18) Benzo(a)anthracene	21.10	228	888m	0.07	ng/ul	
19) Chrysene	21.15	228	2312m	0.15	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	481	0.05	ng/ul#	67
22) Benzo(k)fluoranthene	22.77	252	1227m	0.10	ng/ul	
23) Benzo(a)pyrene	23.32	252	592	0.06	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.82	276	1863	0.04	ng/ul	94
25) Dibenzo(a,h)anthracene	25.83	278	263	0.03	ng/ul#	38
26) Benzo(g,h,i)perylene	26.56	276	2568	0.07	ng/ul#	63

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

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