

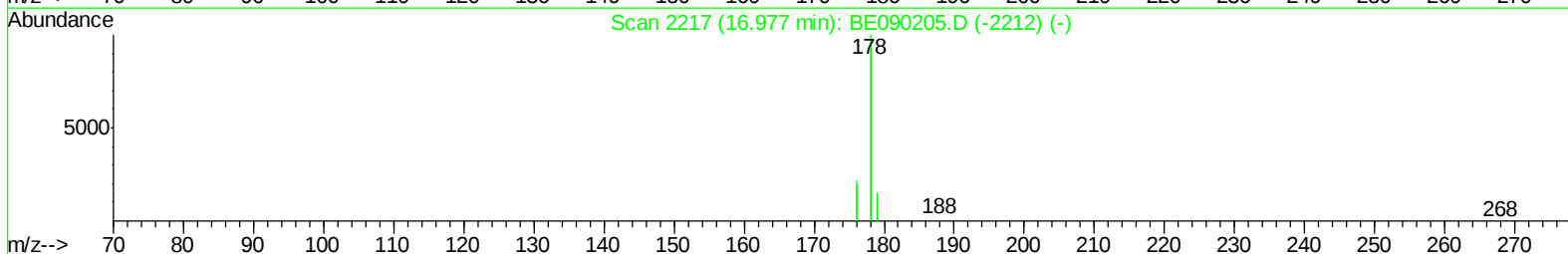
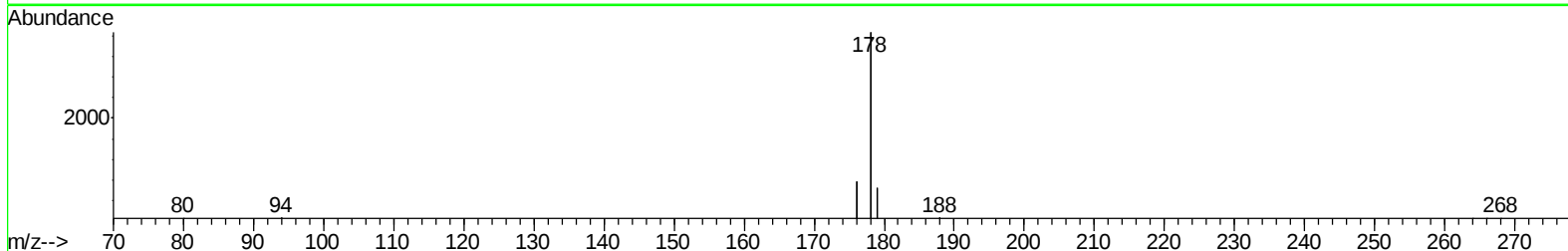
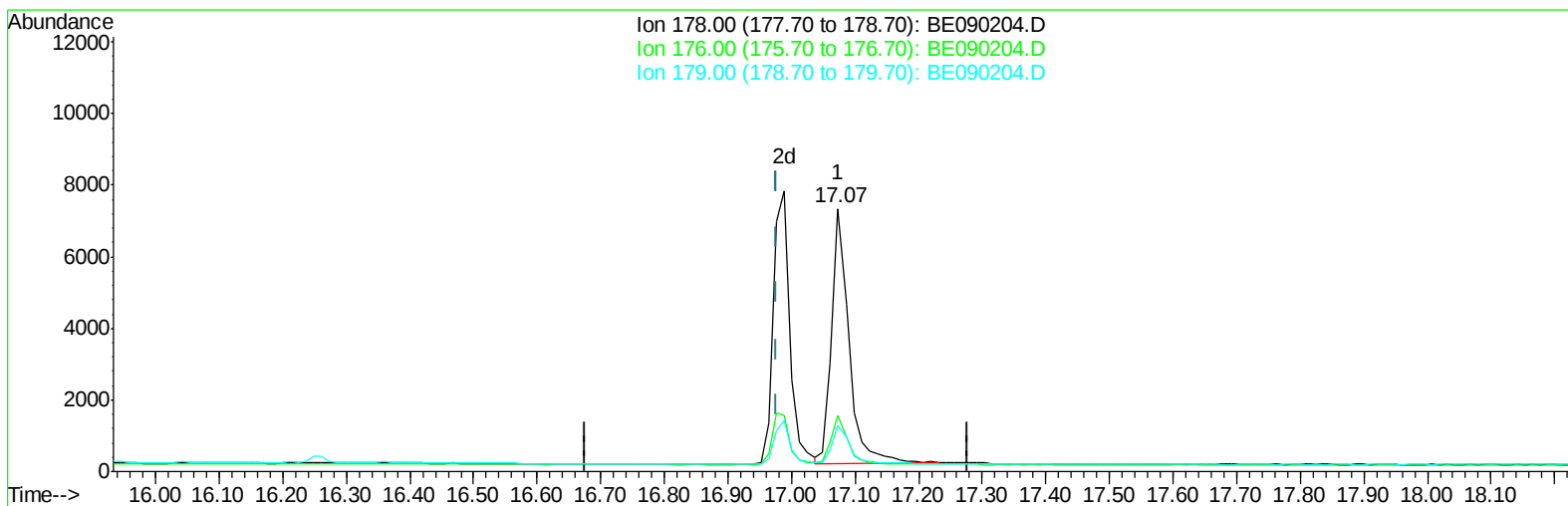
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072215\
Data File : BE090204.D
Acq On : 21 Jul 2015 17:55
Operator : TP/IZ
Sample : SST0.219
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.219

Manual Integrations
APPROVED

apatel
7/22/2015 3:02:23 PM

Quant Time: Jul 22 03:06:08 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 03:03:48 2015
Response via : Initial Calibration



TIC: BE090204.D

(12) Phenanthrene

17.073min (+0.096) 0.18ng/ul

response 12939

Ion	Exp%	Act%
178.00	100	100
176.00	22.00	21.15
179.00	15.30	17.34
0.00	0.00	0.00

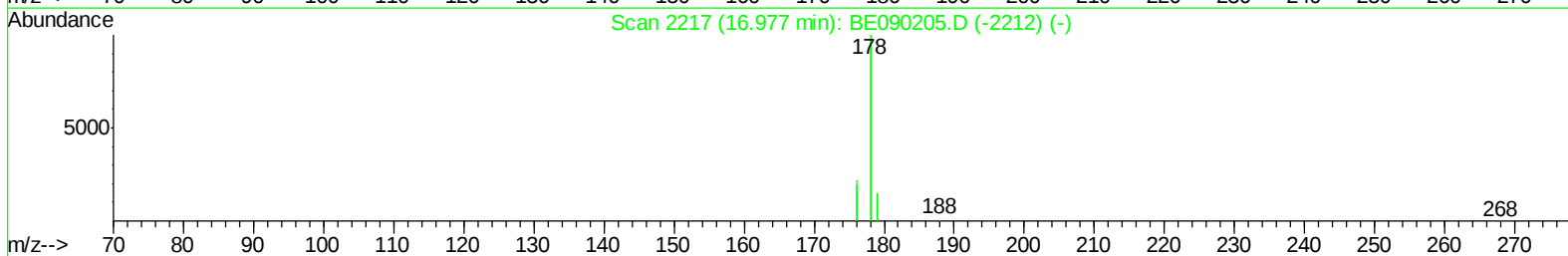
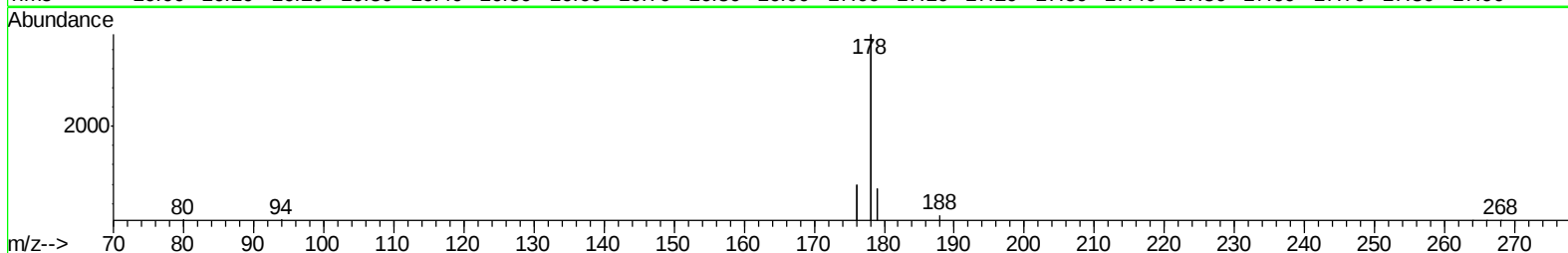
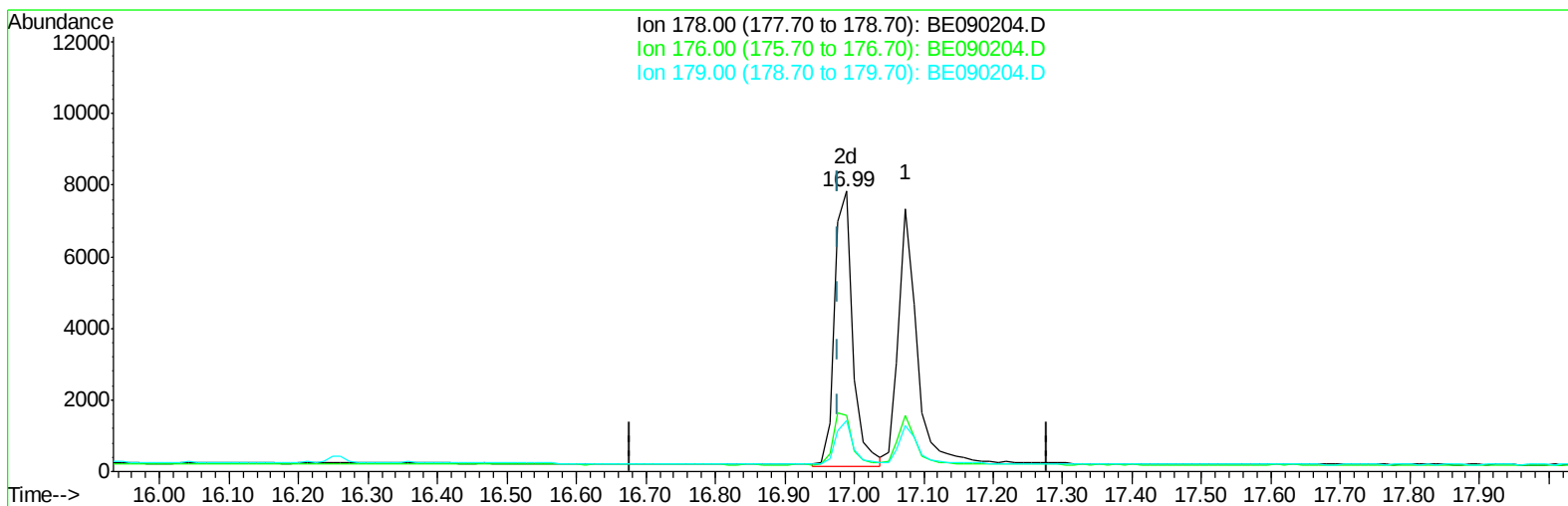
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072215\
Data File : BE090204.D
Acq On : 21 Jul 2015 17:55
Operator : TP/IZ
Sample : SST0.219
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.219

Manual Integrations
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Quant Time: Jul 22 03:06:08 2015
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TIC: BE090204.D

(12) Phenanthrene

16.989min (+0.011) 0.20ng/ul m

response 14190

Ion	Exp%	Act%
178.00	100	100
176.00	22.00	20.06
179.00	15.30	18.37#
0.00	0.00	0.00

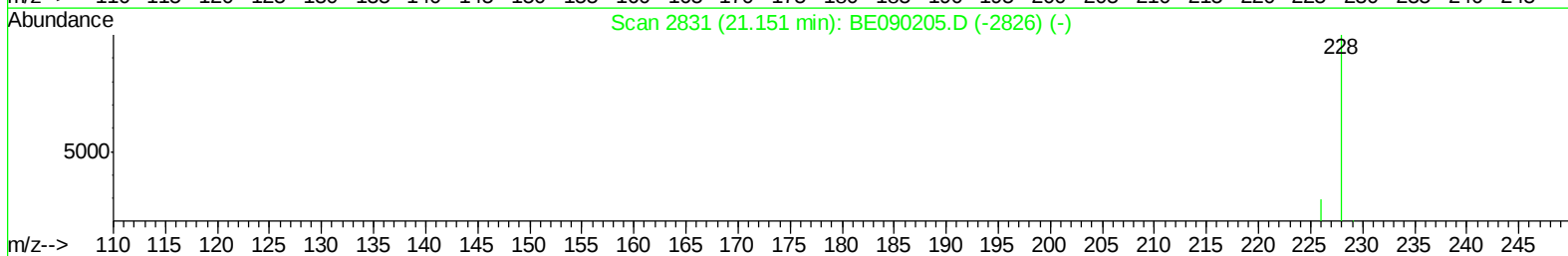
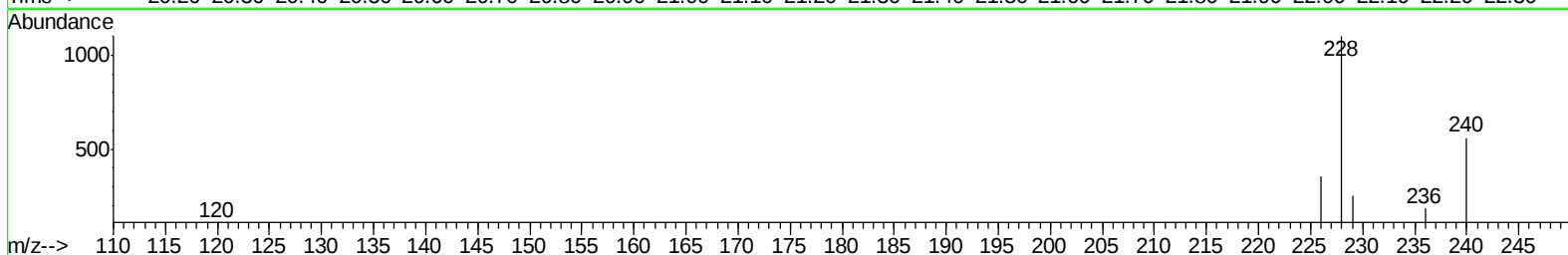
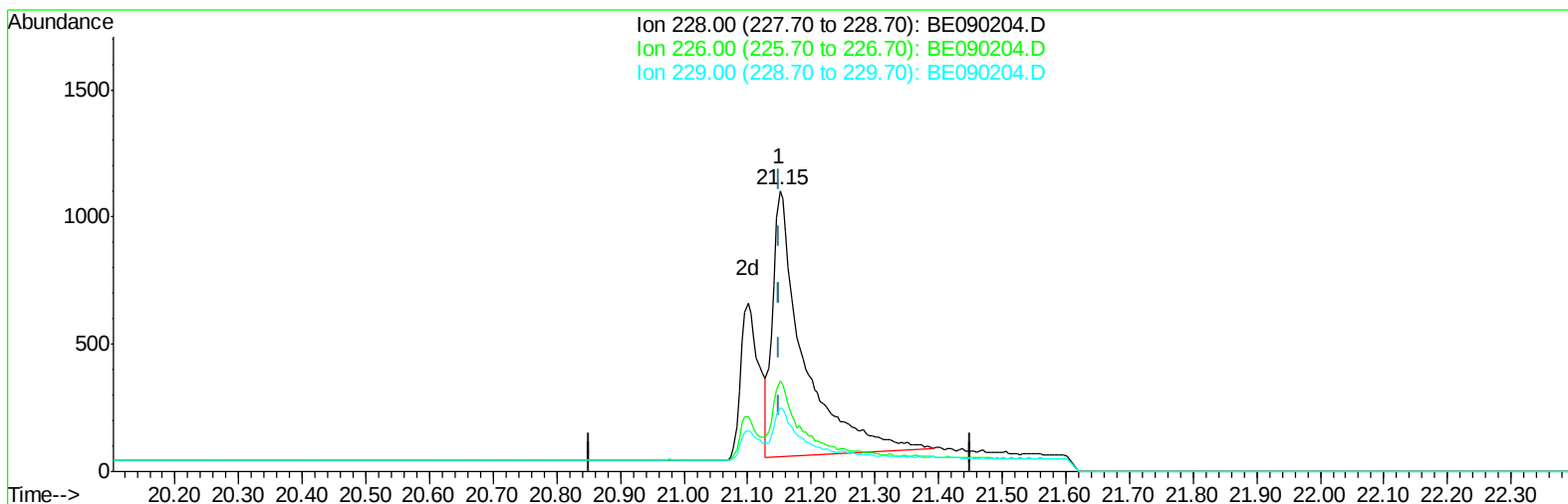
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072215\
Data File : BE090204.D
Acq On : 21 Jul 2015 17:55
Operator : TP/IZ
Sample : SST0.219
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.219

Manual Integrations
APPROVED

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Quant Time: Jul 22 03:06:08 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072215.M
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TIC: BE090204.D

(19) Chrysene

21.150min (-0.000) 0.23ng/ul

response 3538

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	32.30
229.00	21.80	22.60
0.00	0.00	0.00

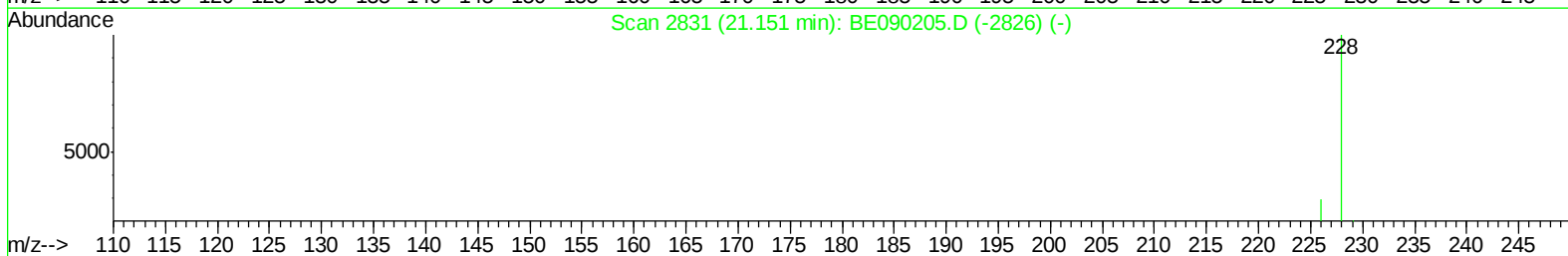
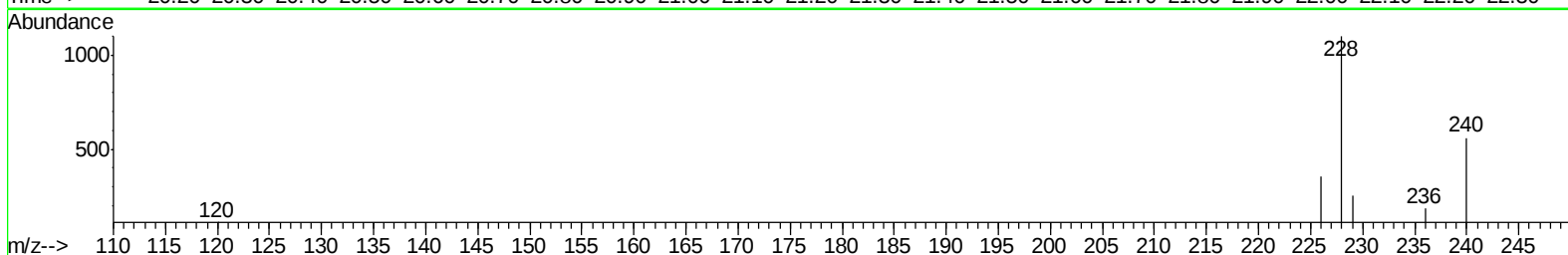
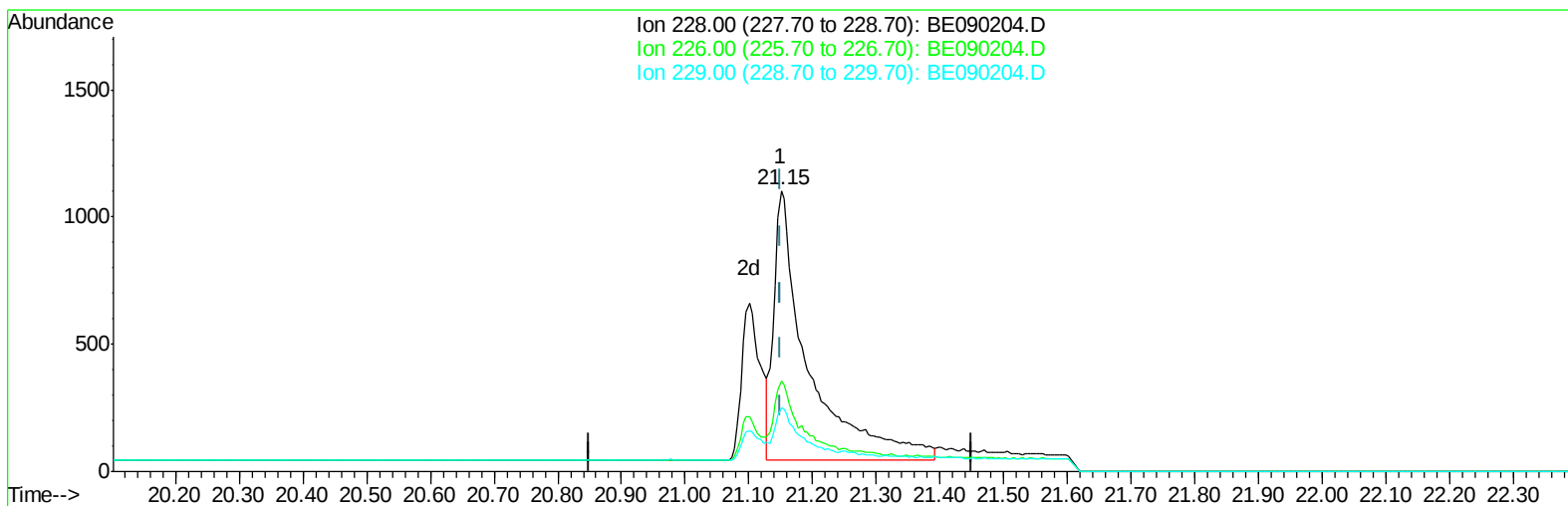
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072215\
Data File : BE090204.D
Acq On : 21 Jul 2015 17:55
Operator : TP/IZ
Sample : SST0.219
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
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TIC: BE090204.D

(19) Chrysene

21.150min (-0.000) 0.26ng/ul m

response 3950

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	32.30
229.00	21.80	22.60
0.00	0.00	0.00

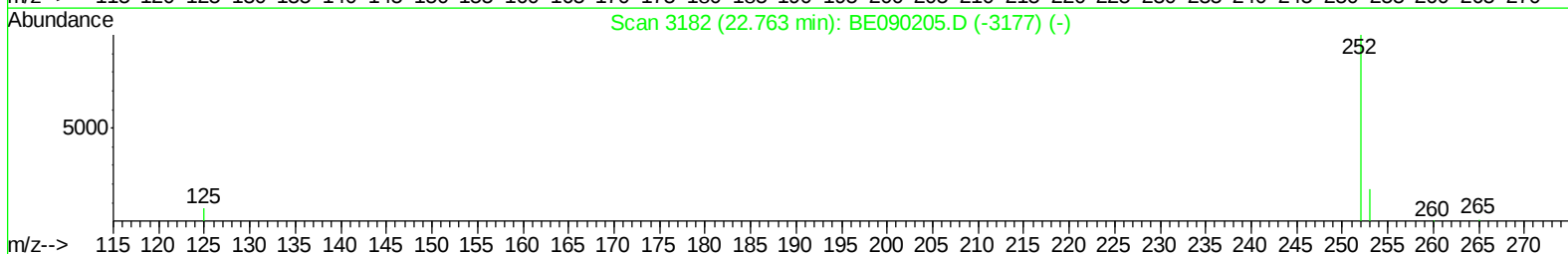
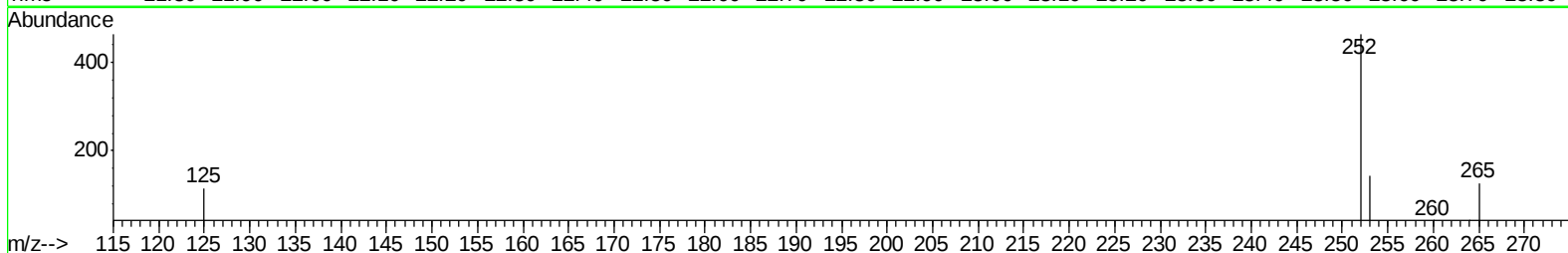
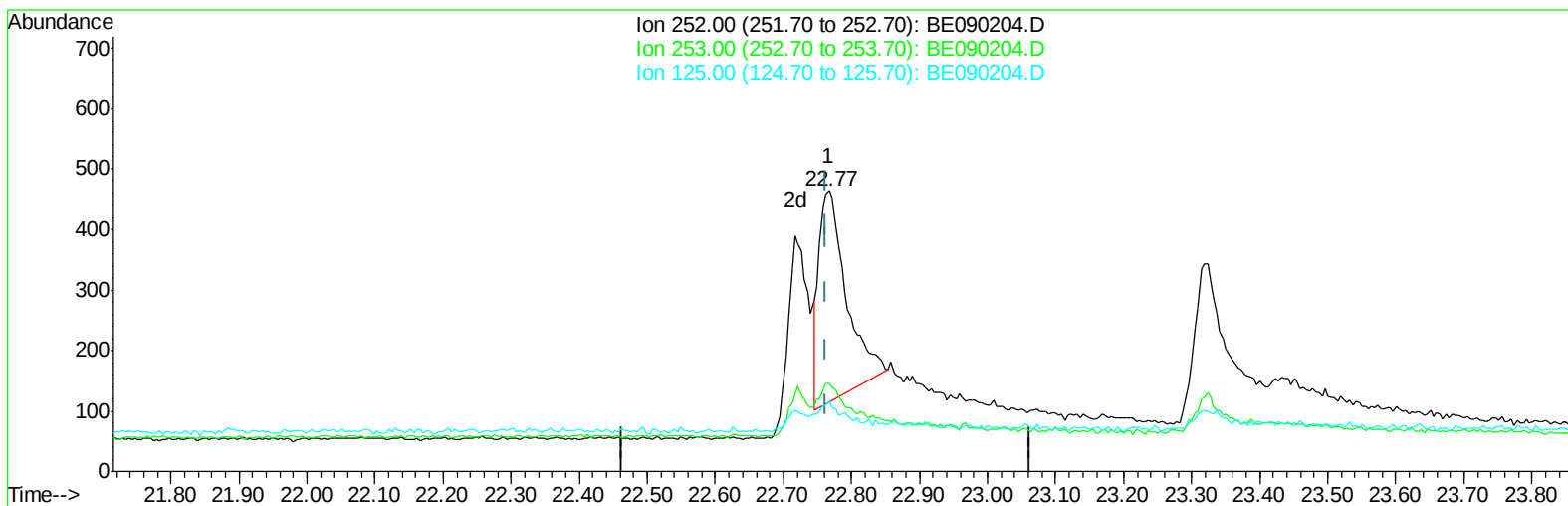
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072215\
Data File : BE090204.D
Acq On : 21 Jul 2015 17:55
Operator : TP/IZ
Sample : SST00.219
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.219

Manual Integrations
APPROVED

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Quant Time: Jul 22 03:06:08 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BE090204.D

(22) Benzo(k)fluoranthene

22.767min (+0.004) 0.09ng/ul

response 972

Ion	Exp%	Act%
252.00	100	100
253.00	24.40	31.32#
125.00	14.90	25.05#
0.00	0.00	0.00

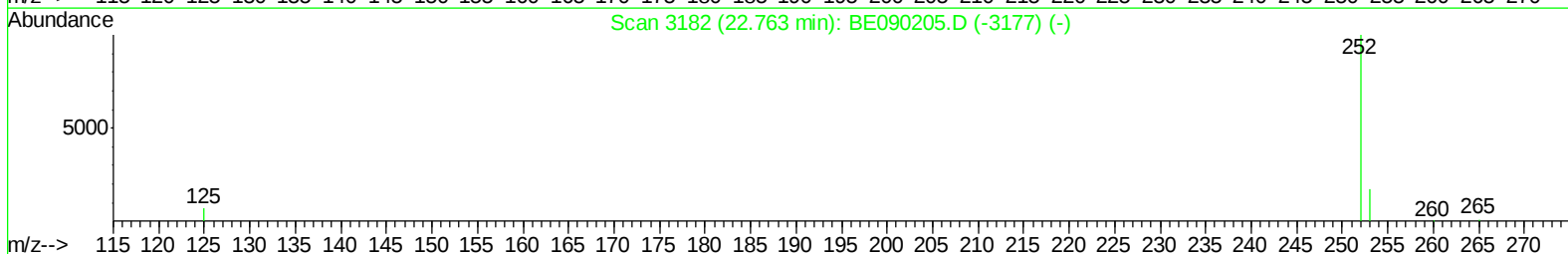
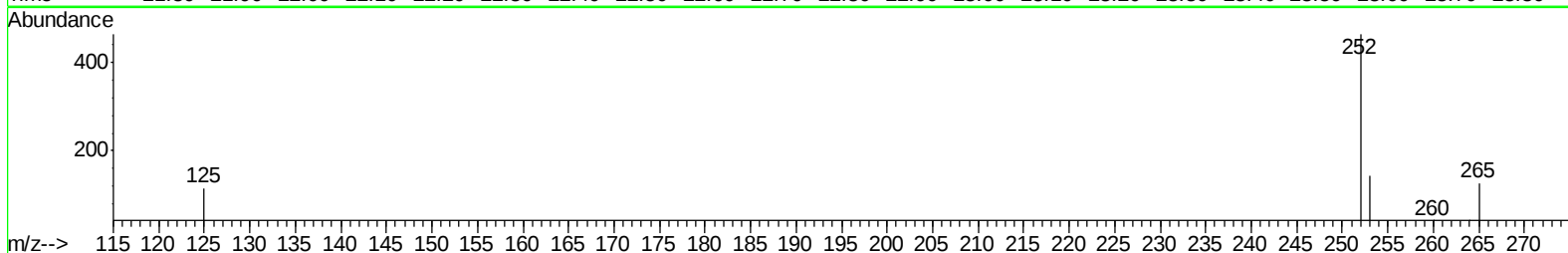
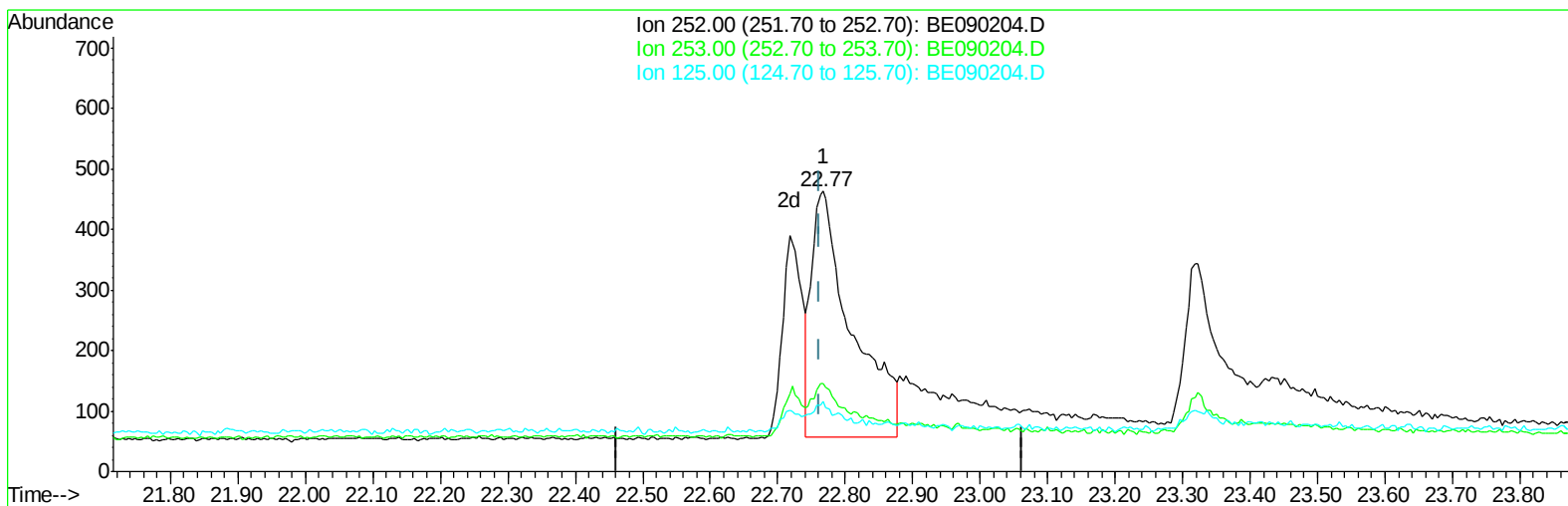
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072215\
Data File : BE090204.D
Acq On : 21 Jul 2015 17:55
Operator : TP/IZ
Sample : SST00.219
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.219

Manual Integrations
APPROVED

apatel
7/22/2015 3:02:23 PM

Quant Time: Jul 22 03:06:08 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE090204.D

(22) Benzo(k)fluoranthene

22.767min (+0.004) 0.16ng/ul m

response 1700

Ion	Exp%	Act%
252.00	100	100
253.00	24.40	31.32#
125.00	14.90	25.05#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072215\
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 Operator : TP/IZ
 Sample : SSTD0.219
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jul 22 03:12:28 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 03:03:48 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	865	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	4089	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2268	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6084	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	4652	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2798	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1250	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	3402	0.19	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	10.41	128	2143	0.20	ng/ul	95
5) 2-Methylnaphthalene	12.03	142	1433	0.20	ng/ul	99
7) Acenaphthylene	13.93	152	9466	0.20	ng/ul	97
8) Acenaphthene	14.27	153	6928	0.20	ng/ul	99
9) Fluorene	15.26	166	2017	0.20	ng/ul	97
11) Pentachlorophenol	16.61	266	55	0.09	ng/ul#	81
12) Phenanthrene	16.99	178	14190m	0.20	ng/ul	
13) Anthracene	17.07	178	13352	0.20	ng/ul	98
15) Fluoranthene	19.00	202	15473	0.19	ng/ul	97
17) Pyrene	19.36	202	15878	0.26	ng/ul	99
18) Benzo(a)anthracene	21.10	228	1264	0.11	ng/ul	96
19) Chrysene	21.15	228	3950m	0.26	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	667	0.10	ng/ul	88
22) Benzo(k)fluoranthene	22.77	252	1700m	0.16	ng/ul	
23) Benzo(a)pyrene	23.32	252	960	0.13	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.81	276	2638	0.08	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.84	278	435	0.07	ng/ul#	83
26) Benzo(g,h,i)perylene	26.55	276	4454	0.14	ng/ul#	86

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

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