

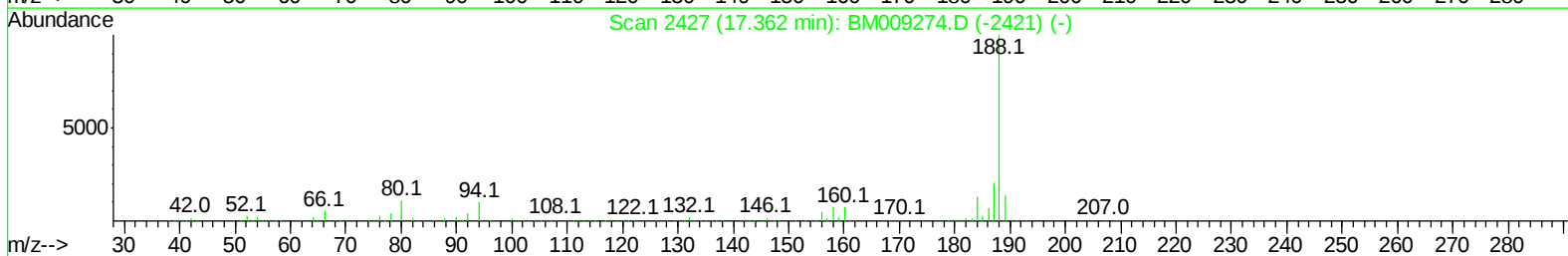
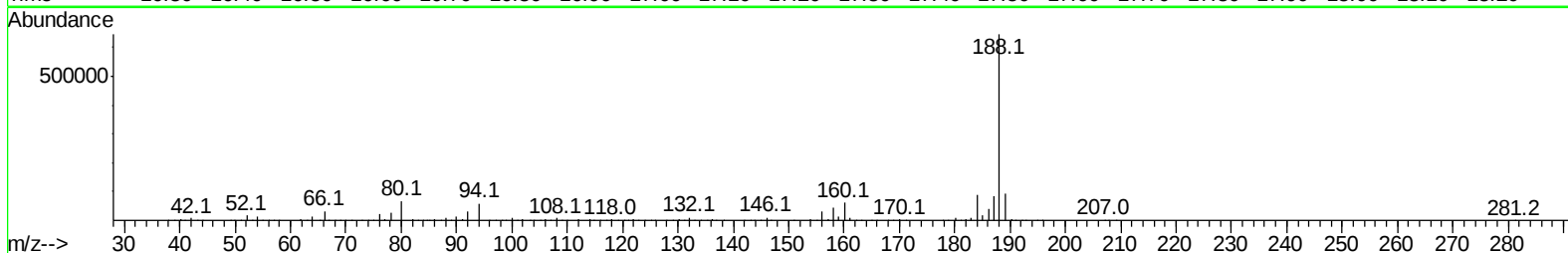
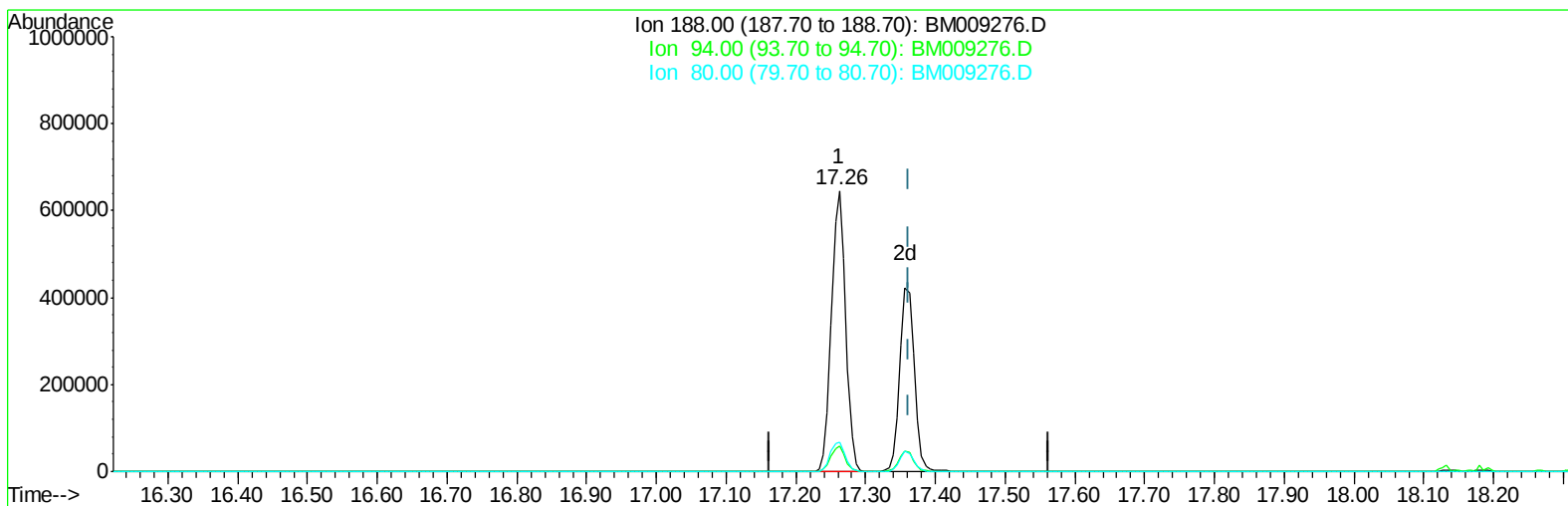
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009276.D
Acq On : 17 Mar 2017 16:25
Operator : SJ/MA
Sample : I2218-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB2Z7

Manual Integrations
APPROVED

mohammad
3/20/2017 12:07:03 PM

Quant Time: Mar 18 00:40:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration



TIC: BM009276.D

(15) Anthracene-d10 (S)

17.263min (-0.100) 21.05ng/ul

response 903856

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.98
80.00	9.10	10.59
0.00	0.00	0.00

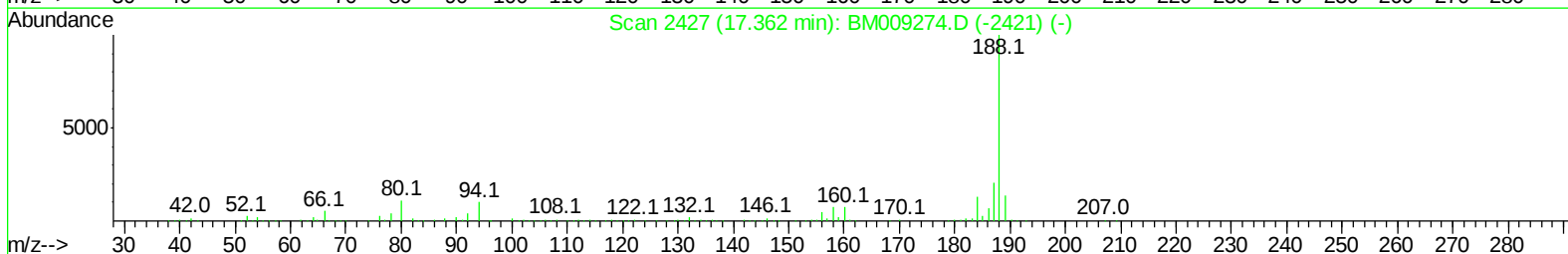
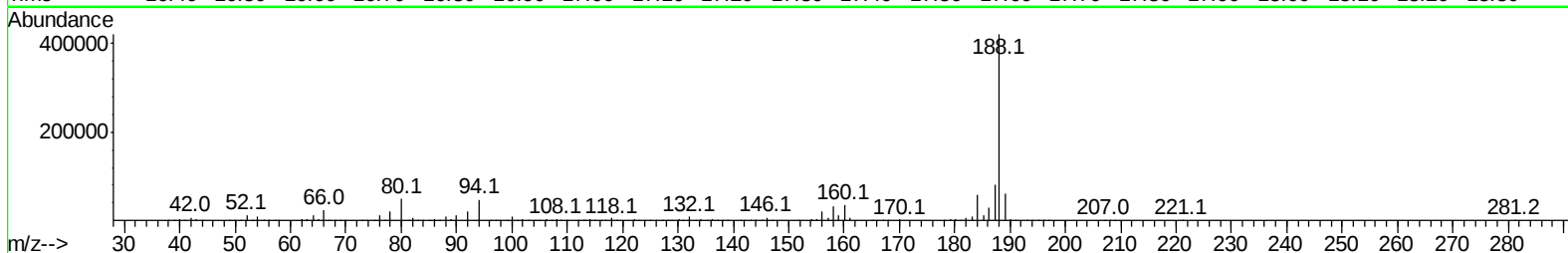
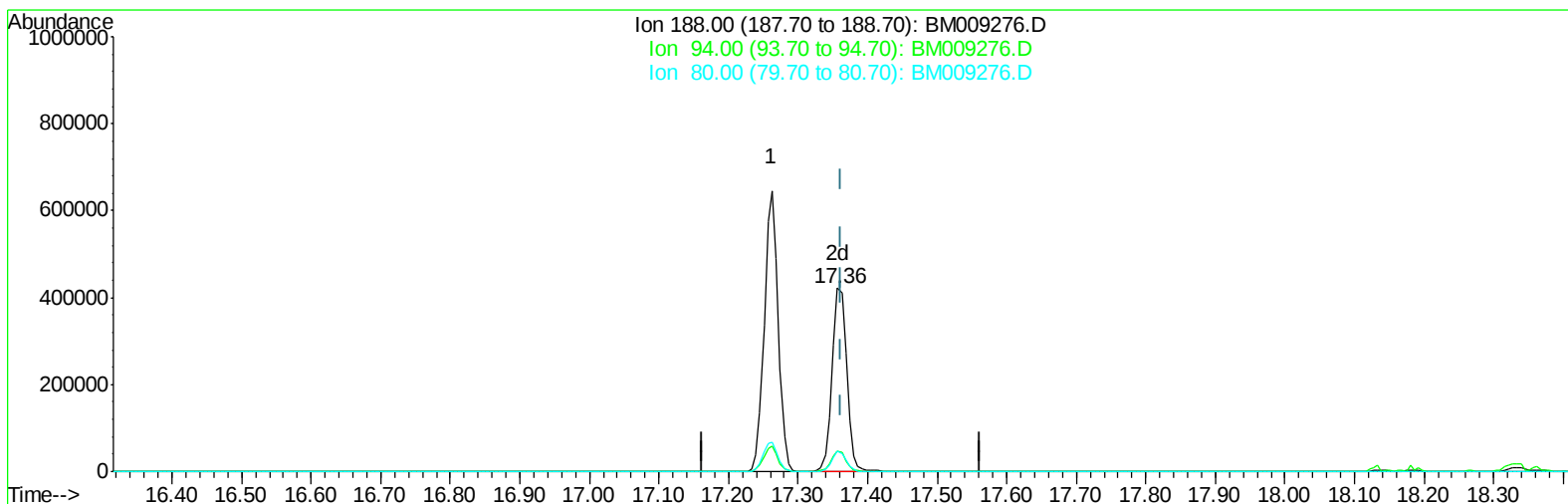
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009276.D
Acq On : 17 Mar 2017 16:25
Operator : SJ/MA
Sample : I2218-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Mar 18 00:40:01 2017
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TIC: BM009276.D

(15) Anthracene-d10 (S)

17.357min (-0.006) 14.39ng/ul m

response 617874

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.27
80.00	9.10	11.49#
0.00	0.00	0.00

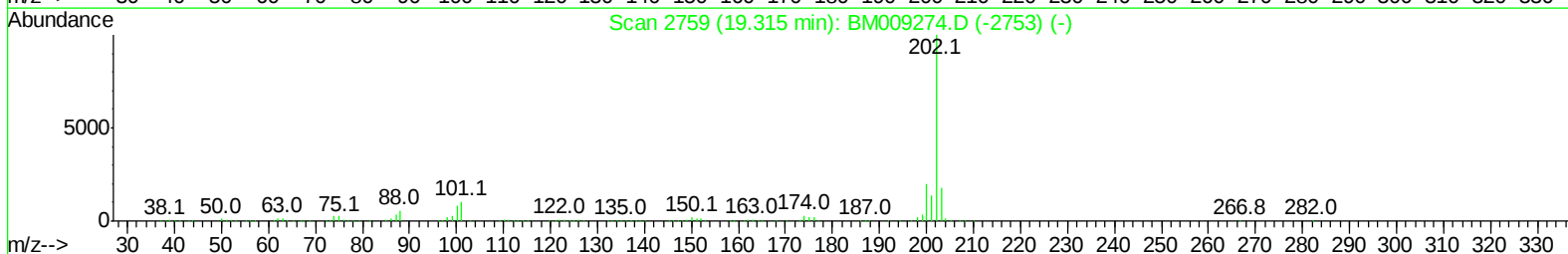
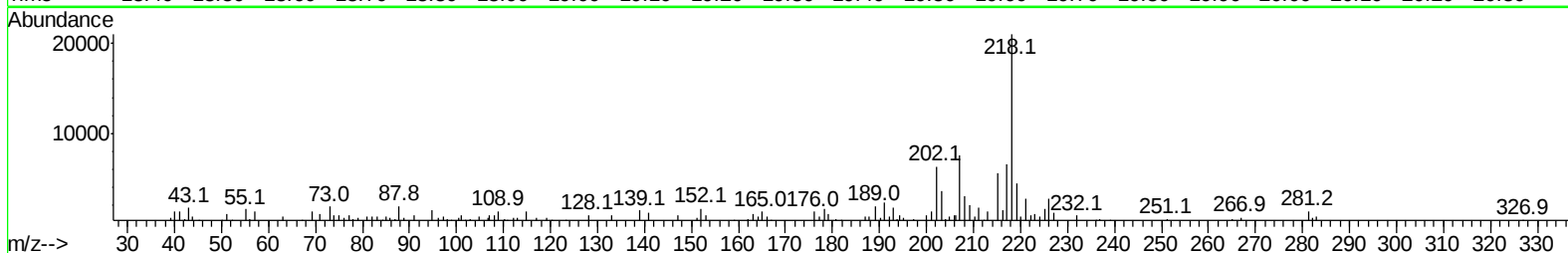
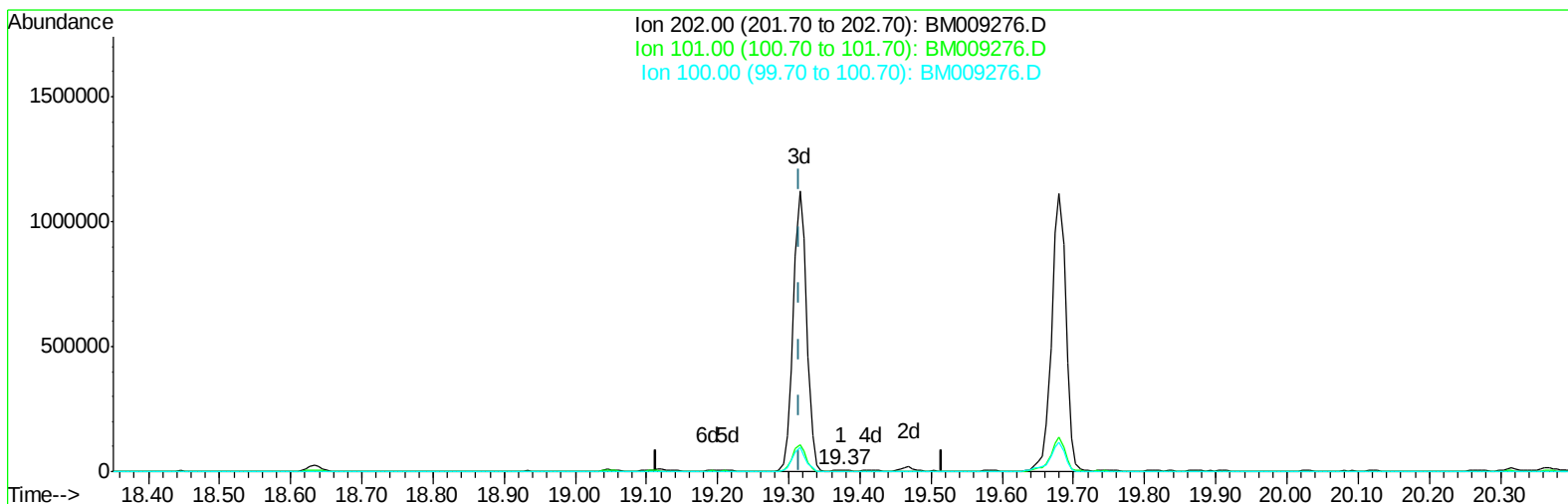
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009276.D
Acq On : 17 Mar 2017 16:25
Operator : SJ/MA
Sample : I2218-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB2Z7

Manual Integrations
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Quant Time: Mar 18 00:40:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
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QLast Update : Sat Mar 18 00:39:50 2017
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TIC: BM009276.D

(17) Fluoranthene (C)

19.374min (+0.059) 0.11ng/ul

response 6942

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.72
100.00	9.40	9.68
0.00	0.00	0.00

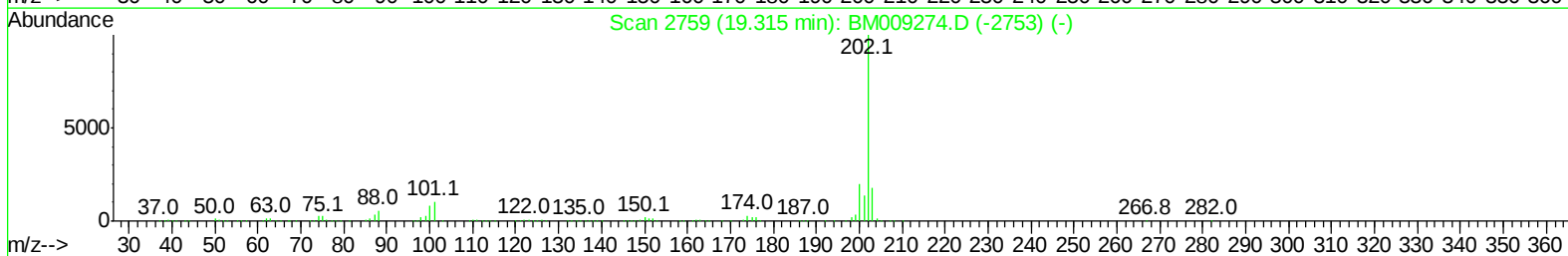
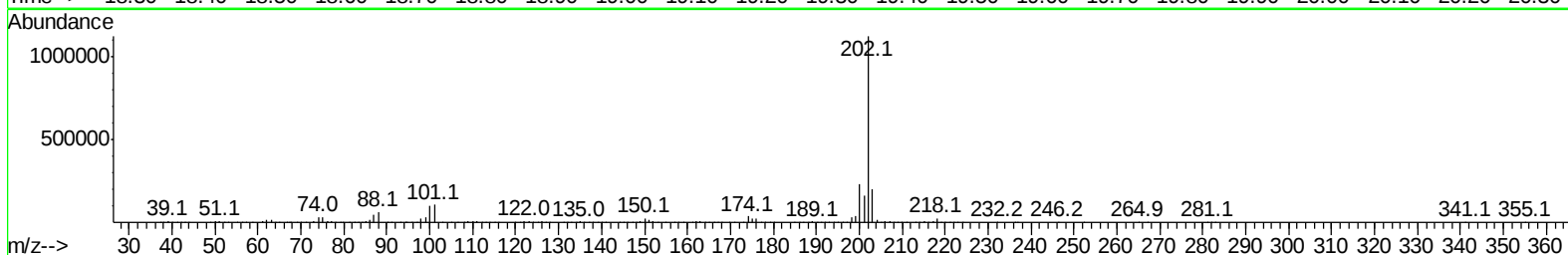
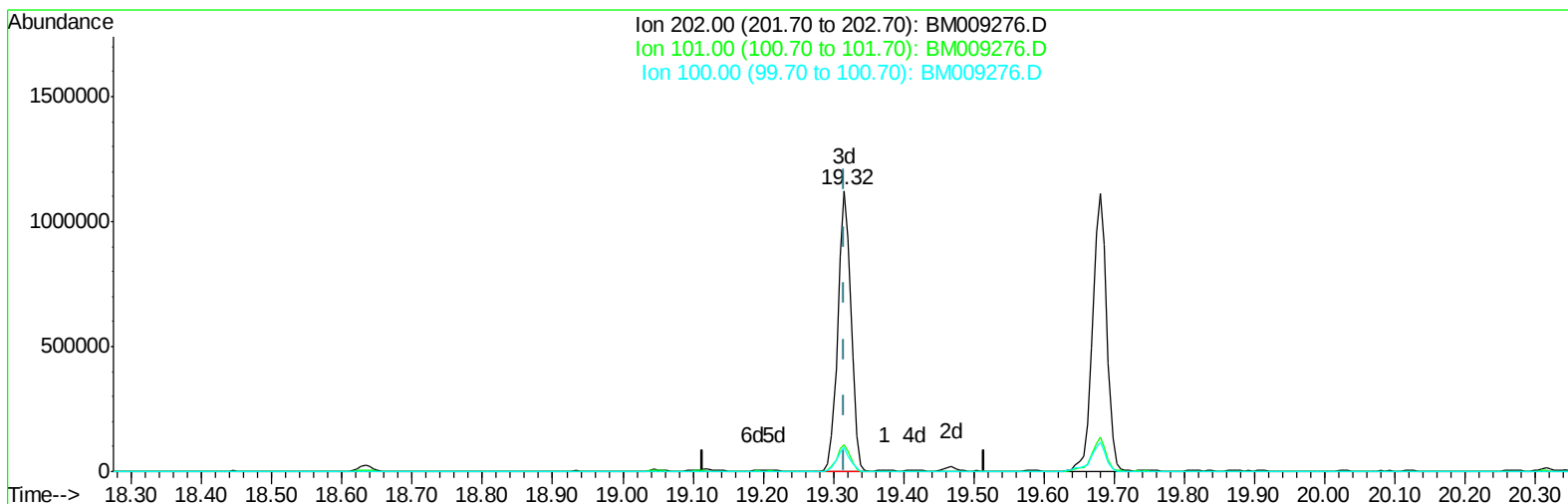
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009276.D
Acq On : 17 Mar 2017 16:25
Operator : SJ/MA
Sample : I2218-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Mar 18 00:40:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration



TIC: BM009276.D

(17) Fluoranthene (C)

19.315min (+0.000) 22.69ng/ul m

response 1463634

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	9.48#
100.00	9.40	8.85
0.00	0.00	0.00

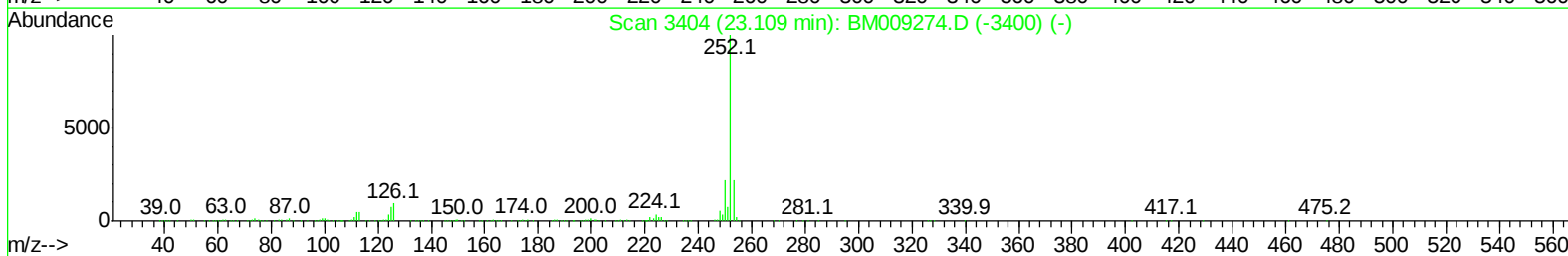
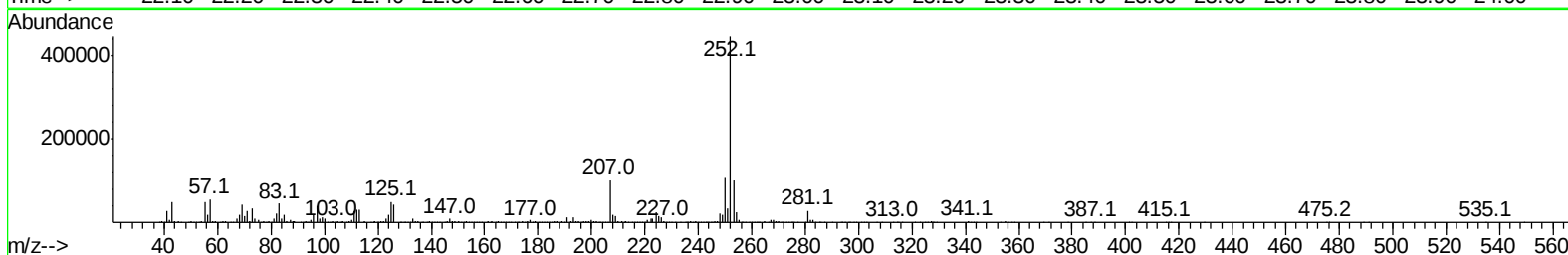
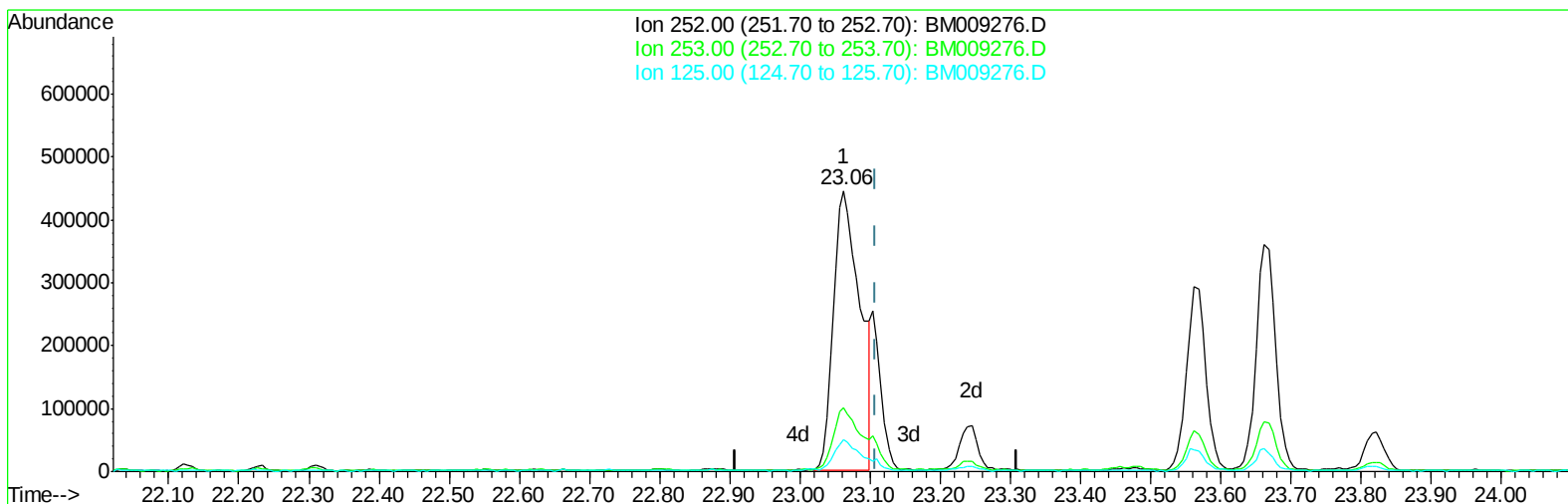
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009276.D
Acq On : 17 Mar 2017 16:25
Operator : SJ/MA
Sample : I2218-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB2Z7

Manual Integrations
APPROVED

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3/20/2017 12:07:03 PM

Quant Time: Mar 18 00:40:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
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TIC: BM009276.D

(25) Benzo(k)fluoranthene

23.062min (-0.047) 12.84ng/ul

response 1151272

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.55
125.00	11.00	11.31
0.00	0.00	0.00

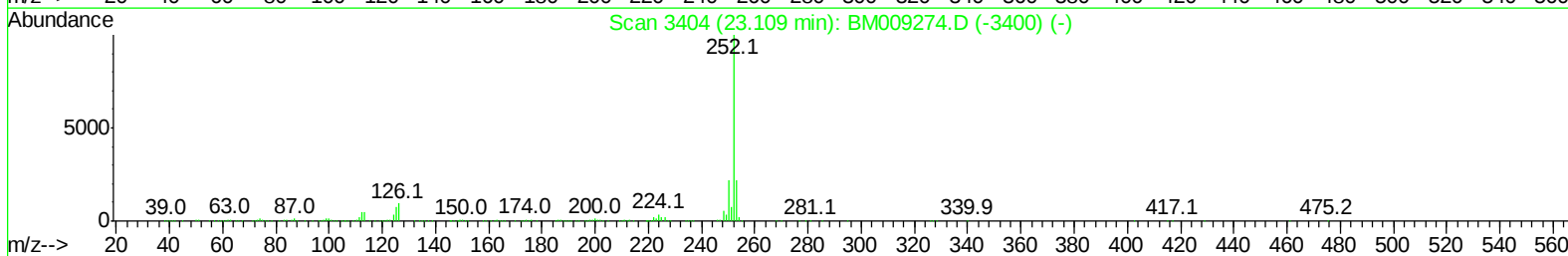
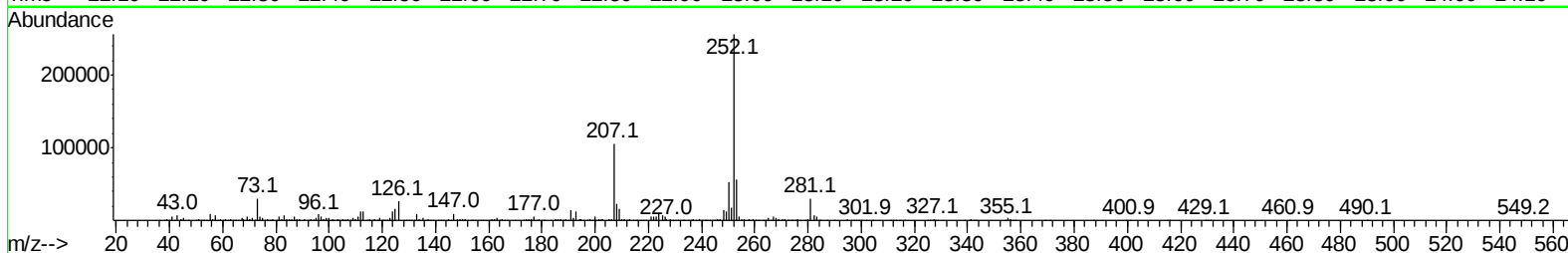
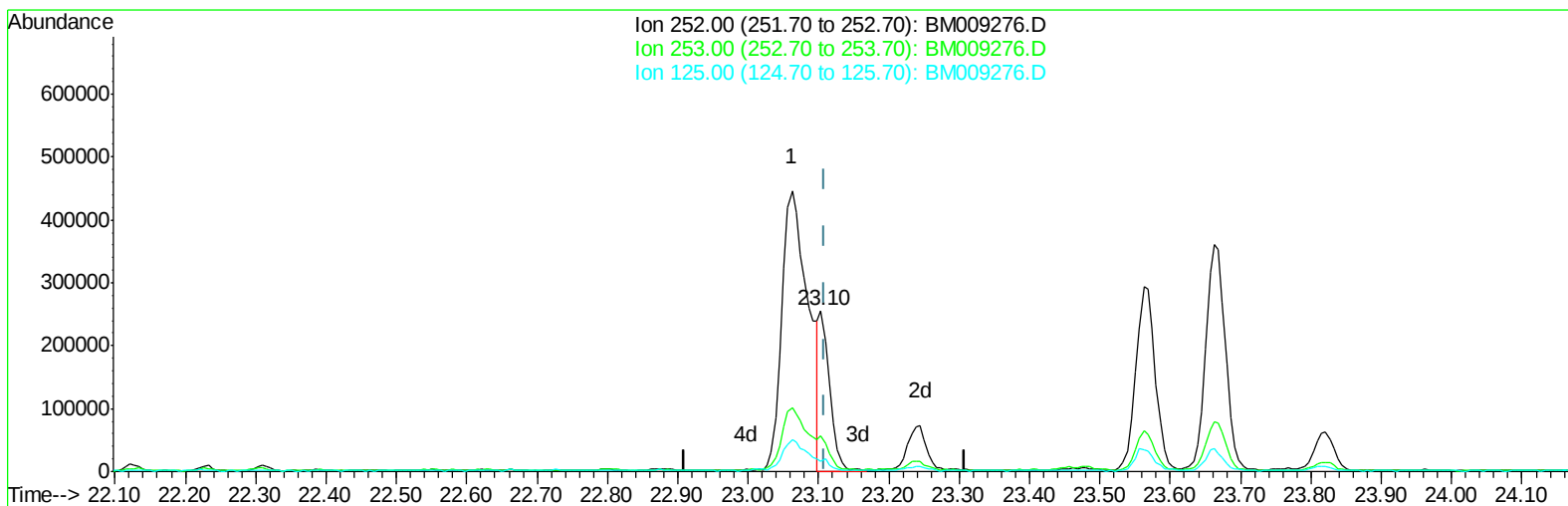
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009276.D
Acq On : 17 Mar 2017 16:25
Operator : SJ/MA
Sample : I2218-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB2Z7

Manual Integrations
APPROVED

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3/20/2017 12:07:03 PM

Quant Time: Mar 18 00:40:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration



TIC: BM009276.D

(25) Benzo(k)fluoranthene

23.103min (-0.006) 2.96ng/ul m

response 265614

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.18
125.00	11.00	5.99#
0.00	0.00	0.00

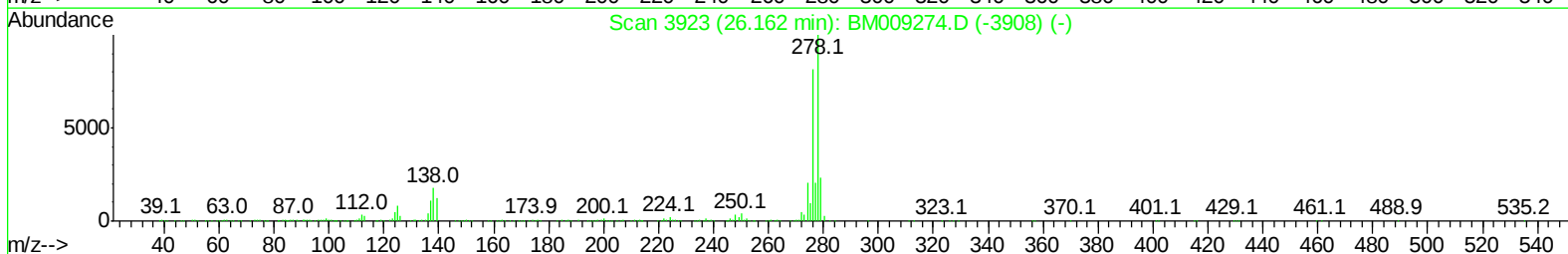
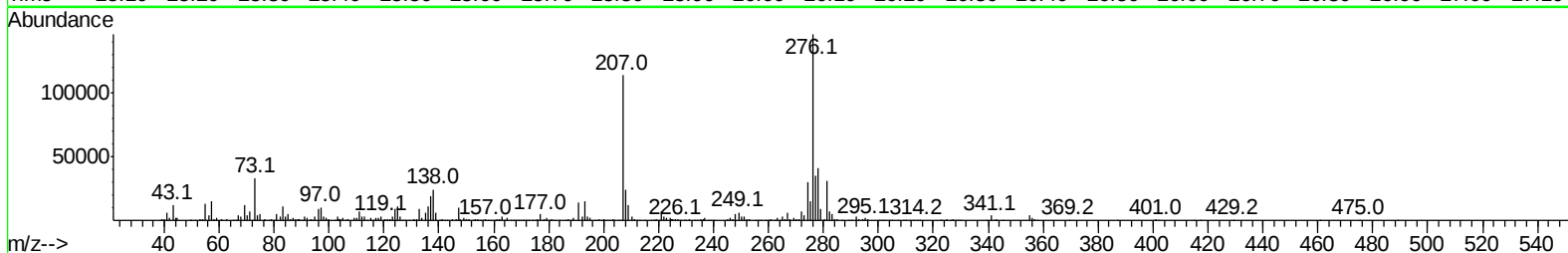
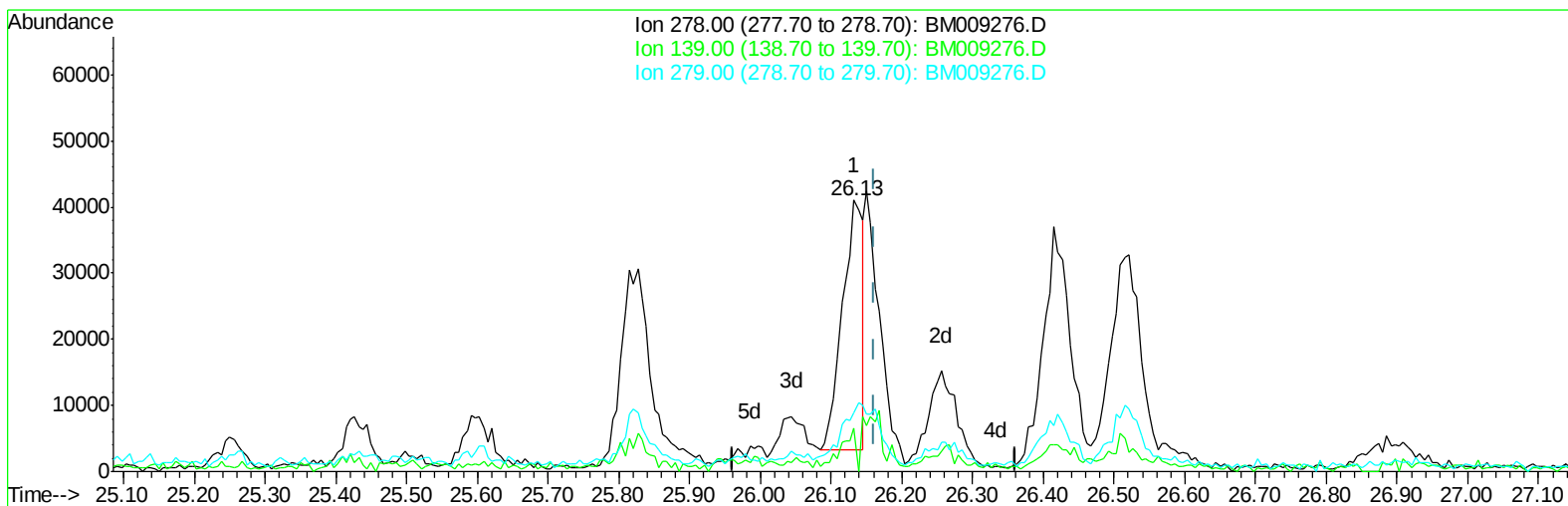
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009276.D
Acq On : 17 Mar 2017 16:25
Operator : SJ/MA
Sample : I2218-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB2Z7

Manual Integrations
APPROVED

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3/20/2017 12:07:03 PM

Quant Time: Mar 18 00:51:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration



TIC: BM009276.D

(29) Dibenzo(a,h)anthracene

26.133min (-0.029) 0.82ng/ul

response 75401

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	15.99
279.00	25.80	21.50
0.00	0.00	0.00

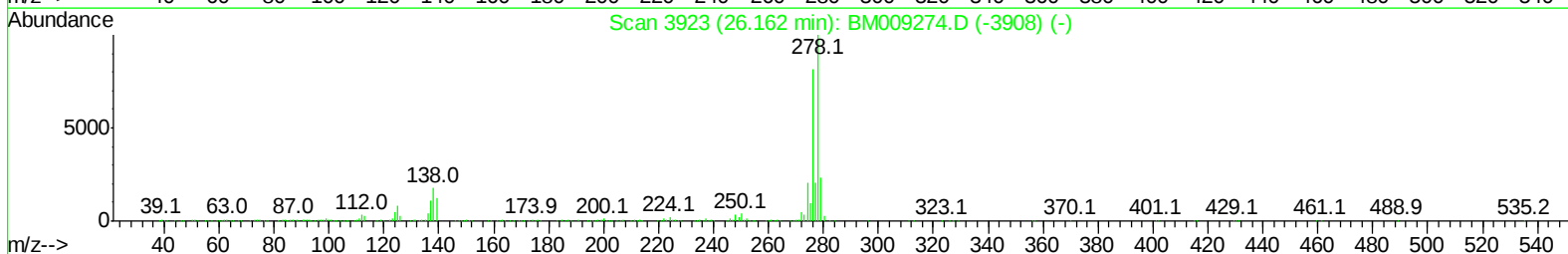
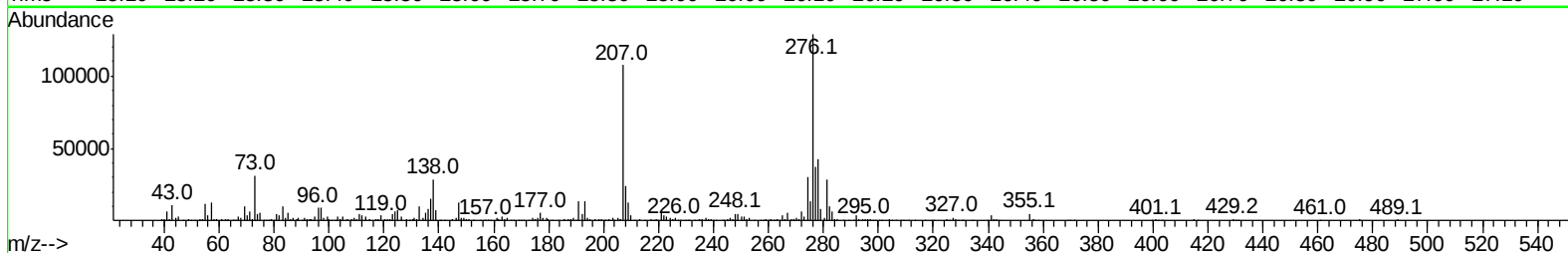
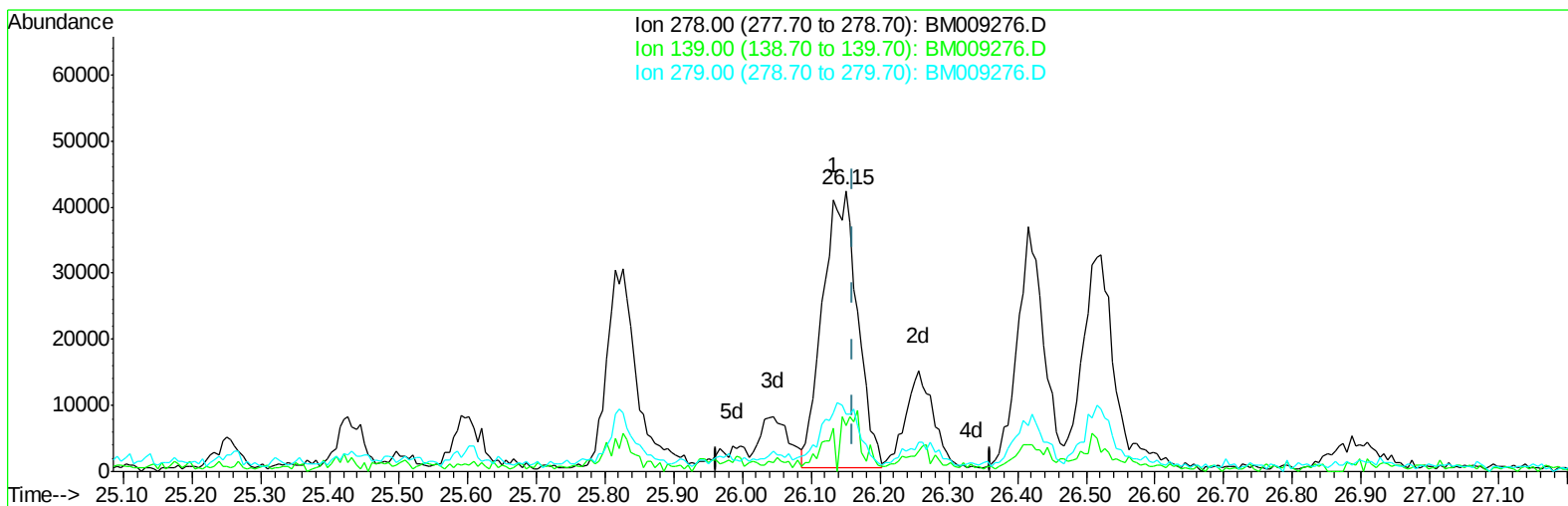
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009276.D
Acq On : 17 Mar 2017 16:25
Operator : SJ/MA
Sample : I2218-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB2Z7

Manual Integrations
APPROVED

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3/20/2017 12:07:03 PM

Quant Time: Mar 18 00:51:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration



TIC: BM009276.D

(29) Dibenzo(a,h)anthracene

26.150min (-0.012) 1.59ng/ul m

response 146092

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	16.59
279.00	25.80	20.39#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
 Data File : BM009276.D
 Acq On : 17 Mar 2017 16:25
 Operator : SJ/MA
 Sample : I2218-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB2Z7

Manual Integrations
 APPROVED

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 3/20/2017 12:07:03 PM

Quant Time: Mar 18 00:52:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	103850	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	462576	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	324859	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	903856	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	1529652	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1615423	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.29	165	3377	0.45	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	344052	12.49	ng/ul	0.00
10) Fluorene-d10	15.51	176	372850	15.44	ng/ul	0.00
15) Anthracene-d10	17.36	188	617874m	14.39	ng/ul	0.00
19) Pyrene-d10	19.65	212	904206	14.74	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.62	264	1025908	13.97	ng/ul	0.00
Target Compounds						
						Qvalue
4) Naphthalene	10.73	128	26830	1.14	ng/ul#	85
8) Acenaphthylene	14.24	152	34443	1.24	ng/ul	98
9) Acenaphthene	14.57	153	21951	1.09	ng/ul#	83
11) Fluorene	15.56	166	34634	1.25	ng/ul	95
14) Phenanthrene	17.30	178	935199	18.37	ng/ul	97
16) Anthracene	17.40	178	115997	2.20	ng/ul	96
17) Fluoranthene	19.32	202	1463634m	22.69	ng/ul	
20) Pyrene	19.68	202	1548310	19.62	ng/ul	96
21) Benzo(a)anthracene	21.42	228	863855	9.92	ng/ul	99
22) Chrysene	21.47	228	944936	11.49	ng/ul	96
24) Benzo(b)fluoranthene	23.06	252	1151272	12.11	ng/ul	99
25) Benzo(k)fluoranthene	23.10	252	265614m	2.96	ng/ul	
27) Benzo(a)pyrene	23.66	252	680394	7.44	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.14	276	453387	4.17	ng/ul#	94
29) Dibenzo(a,h)anthracene	26.15	278	146092m	1.59	ng/ul	
30) Benzo(g,h,i)perylene	26.87	276	395866	4.38	ng/ul#	87

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

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