

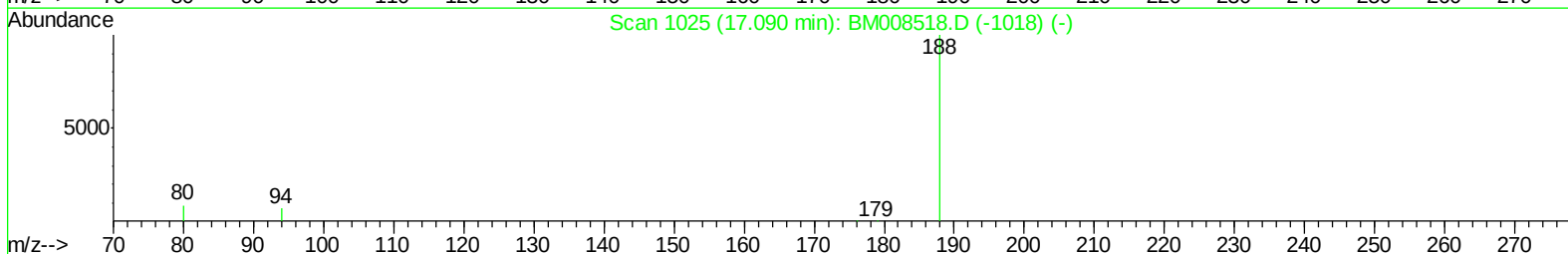
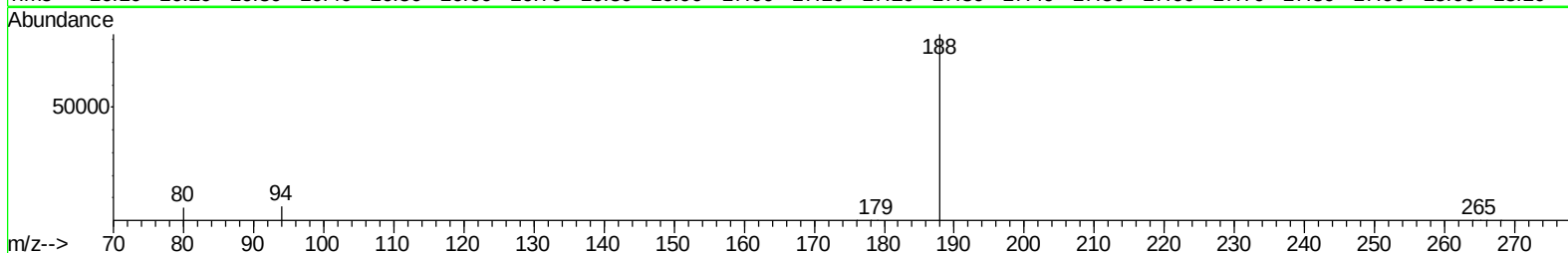
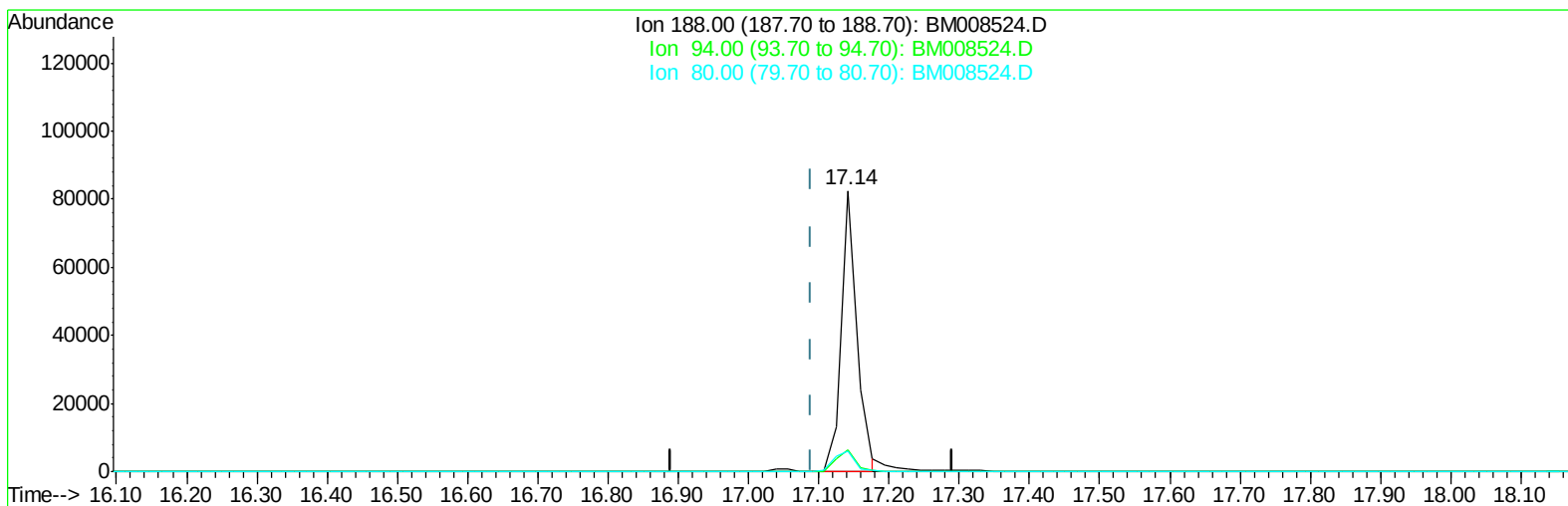
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008524.D
Acq On : 21 Dec 2016 19:24
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:28:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 00:24:45 2016
Response via : Initial Calibration



TIC: BM008524.D

(10) Phenanthrene-d10 (I)

17.142min (+0.051) 0.40ng/ul

response 126944

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.89#
80.00	11.80	7.19#
0.00	0.00	0.00

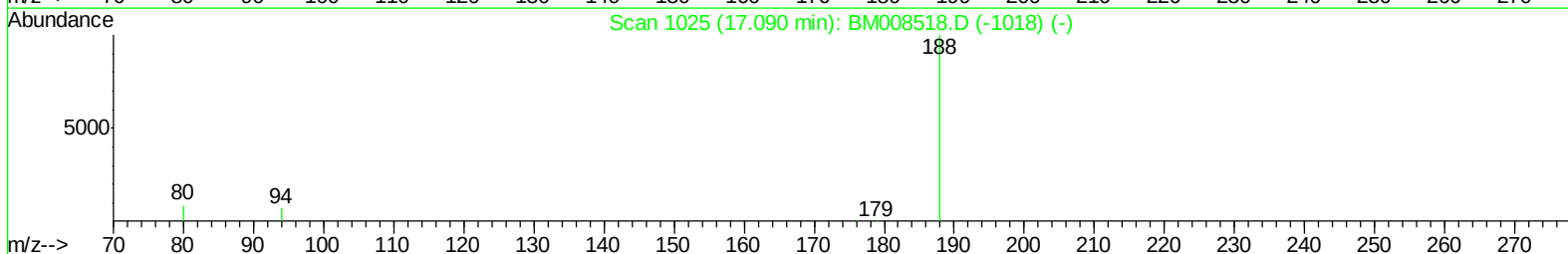
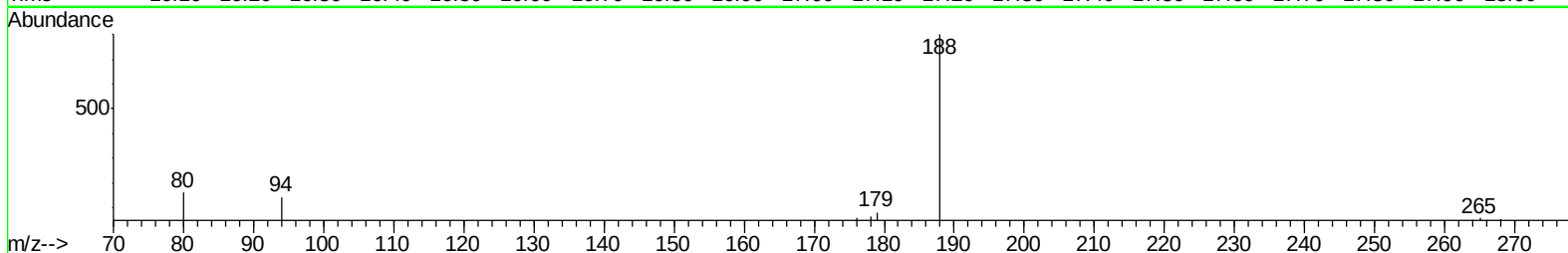
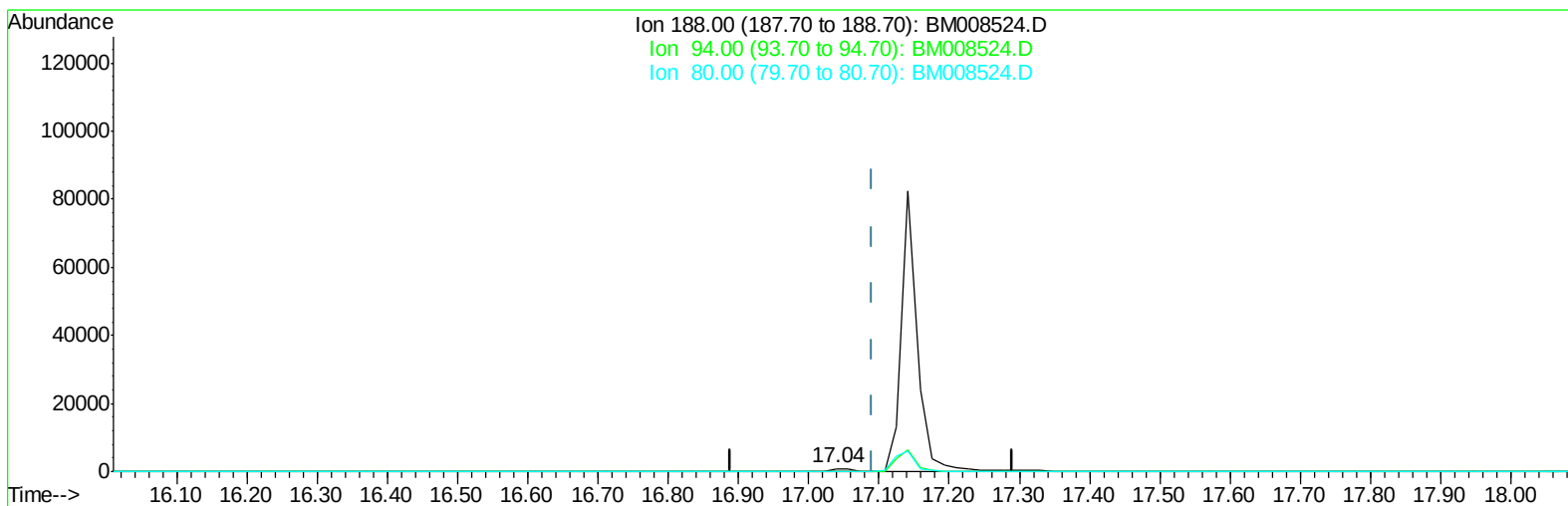
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008524.D
Acq On : 21 Dec 2016 19:24
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:28:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Response via : Initial Calibration



TIC: BM008524.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

response 1584

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	17.85#
80.00	11.80	20.10#
0.00	0.00	0.00

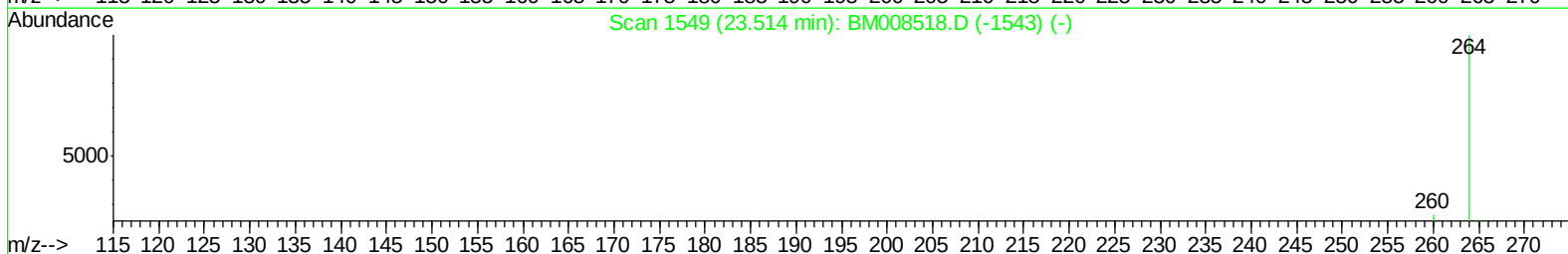
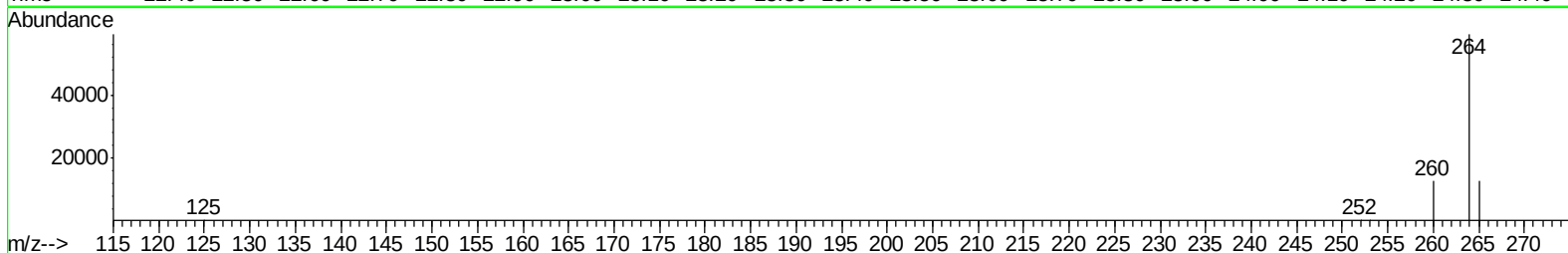
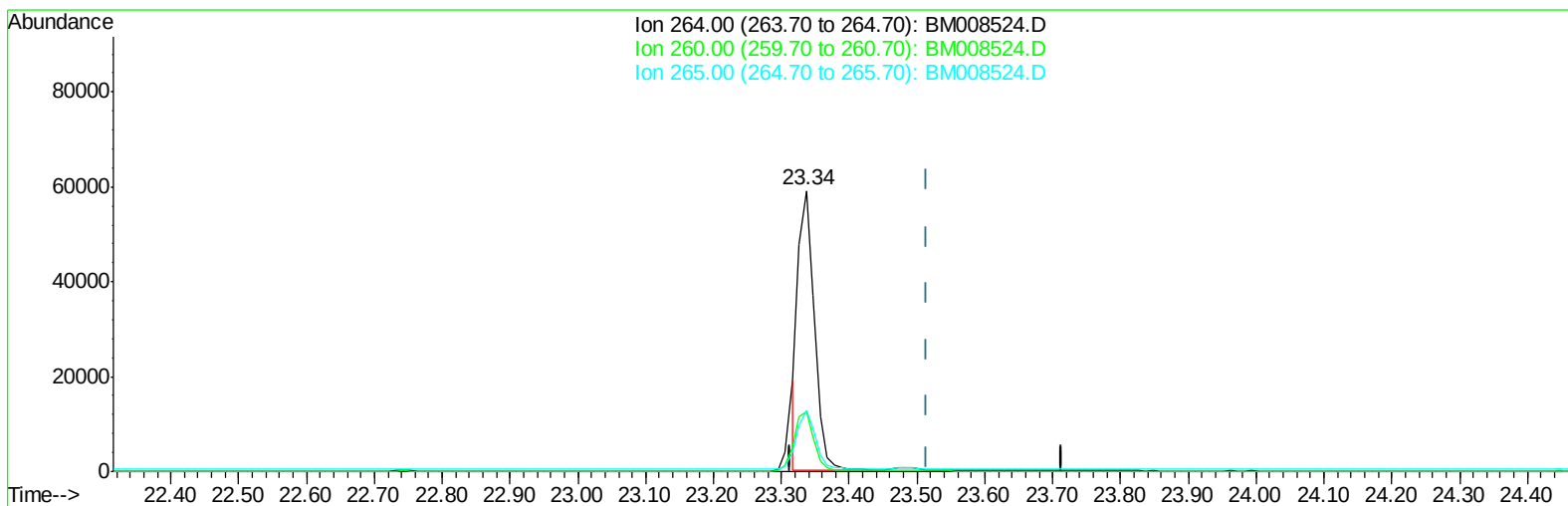
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008524.D
Acq On : 21 Dec 2016 19:24
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:28:45 2016
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TIC: BM008524.D

(20) Perylene-d12 (I)

23.337min (-0.177) 0.40ng/ul

response 99455

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.57#
265.00	103.50	22.03#
0.00	0.00	0.00

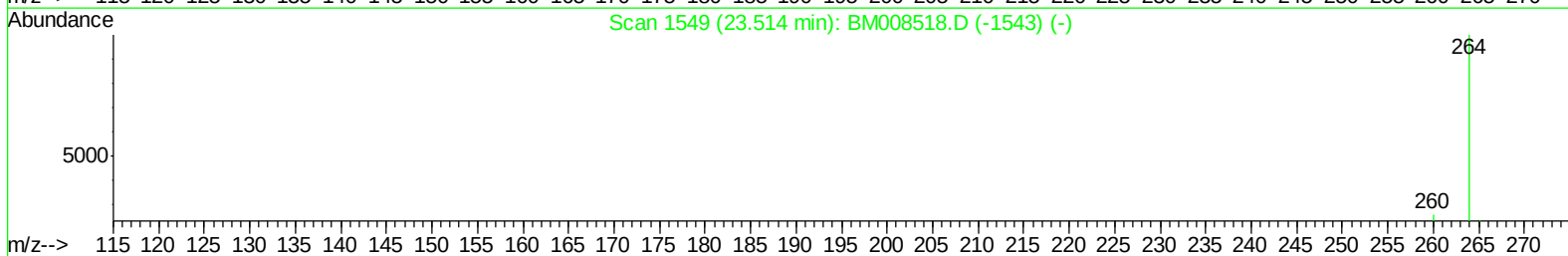
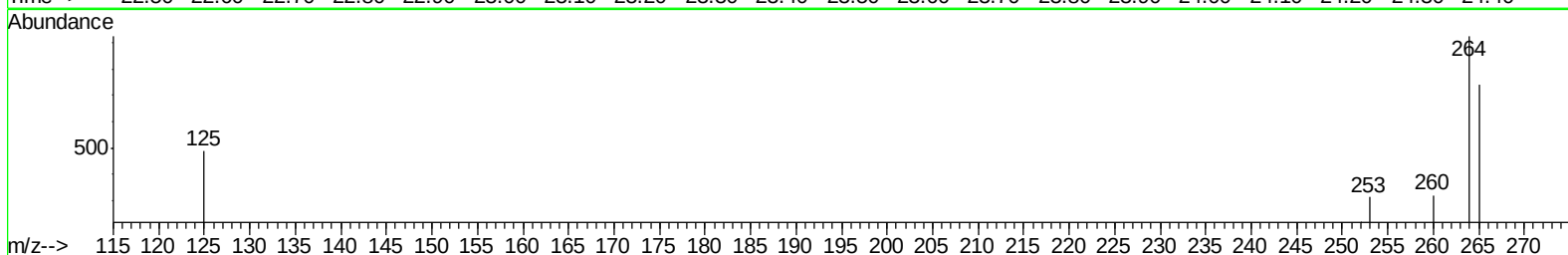
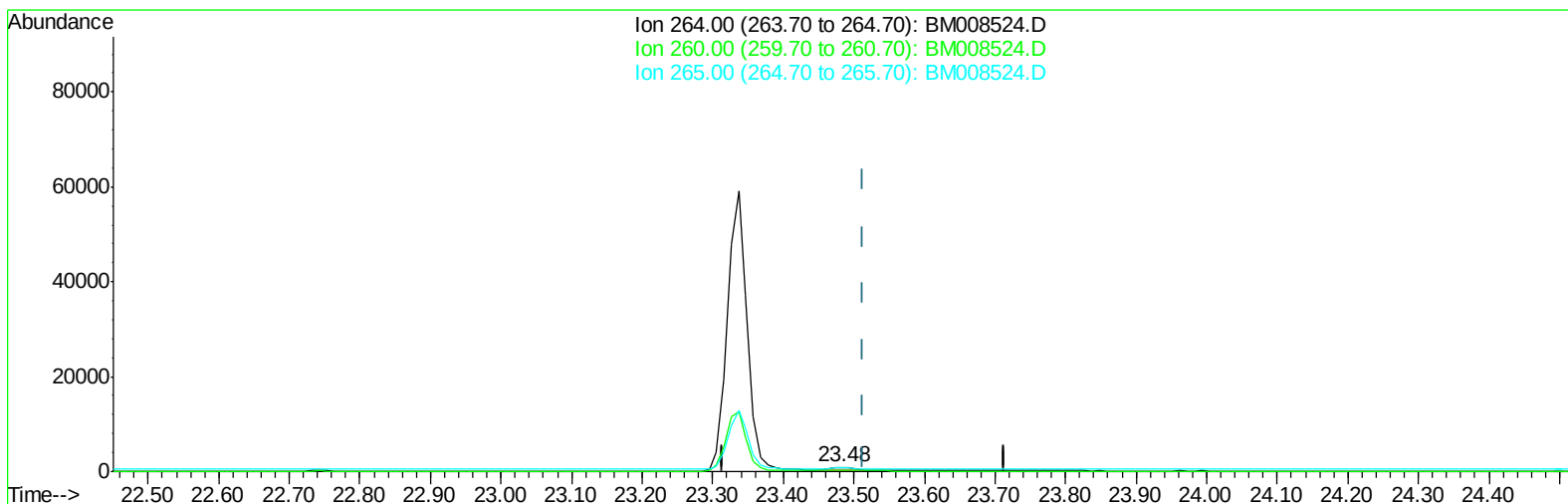
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008524.D
Acq On : 21 Dec 2016 19:24
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:28:45 2016
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Response via : Initial Calibration



TIC: BM008524.D

(20) Perylene-d12 (I)

23.483min (-0.031) 0.40ng/ul m

response 1345

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	34.70
265.00	103.50	80.22#
0.00	0.00	0.00

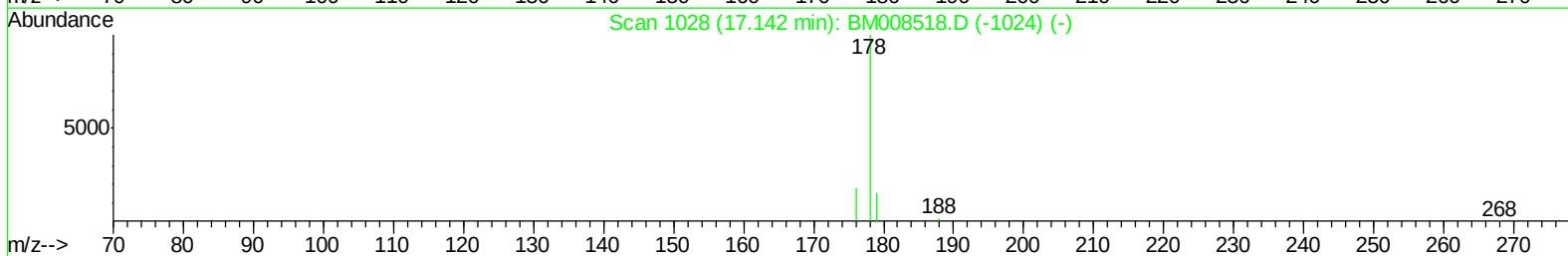
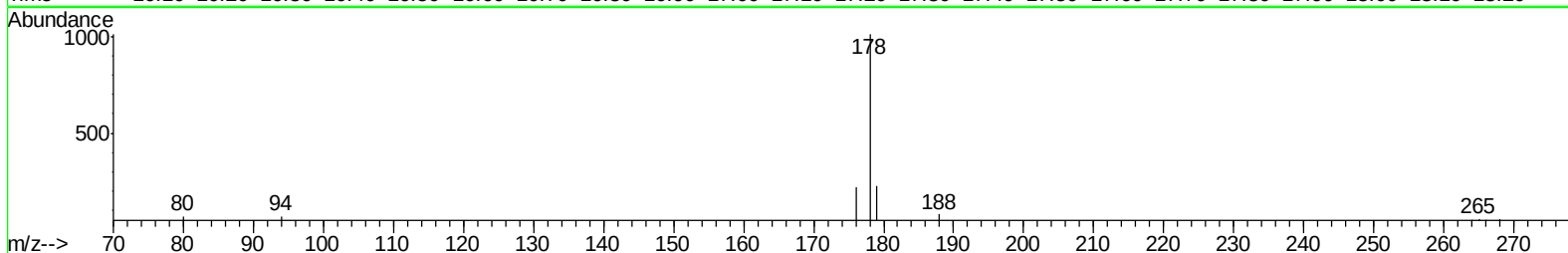
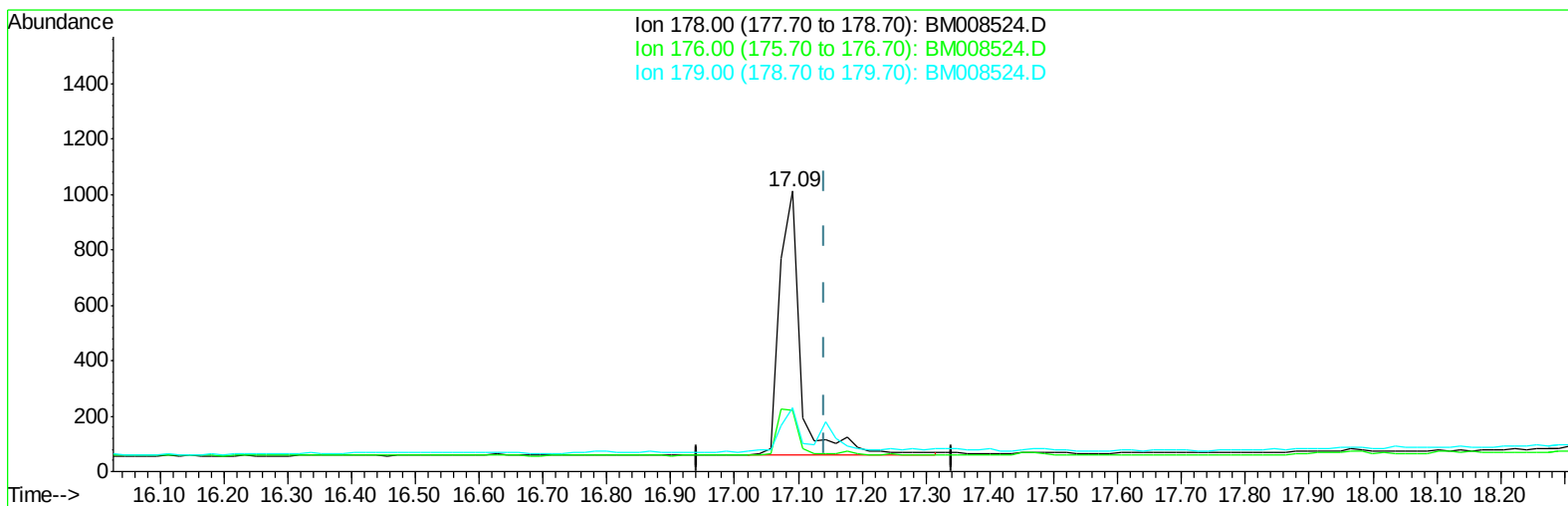
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008524.D
Acq On : 21 Dec 2016 19:24
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2

Manual Integrations
APPROVED

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Quant Time: Dec 22 00:54:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008524.D

(12) Phenanthrene

17.090min (-0.051) 0.45ng/ul

response 2153

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	21.64
179.00	17.00	22.53#
0.00	0.00	0.00

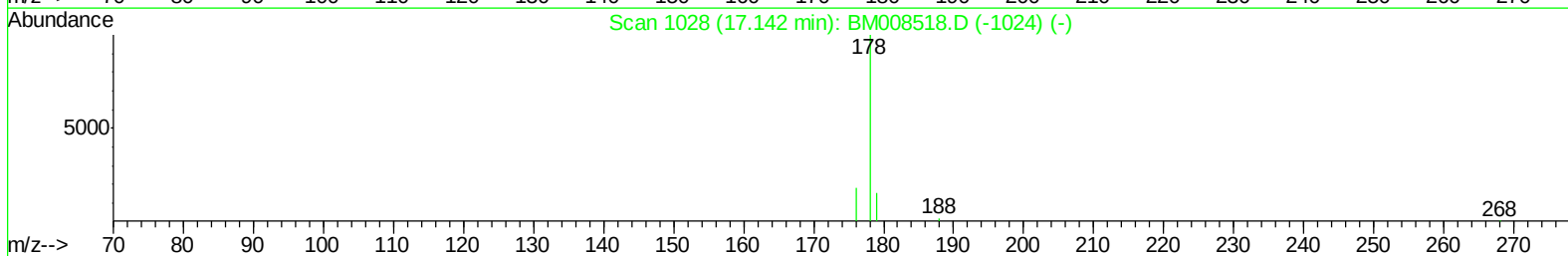
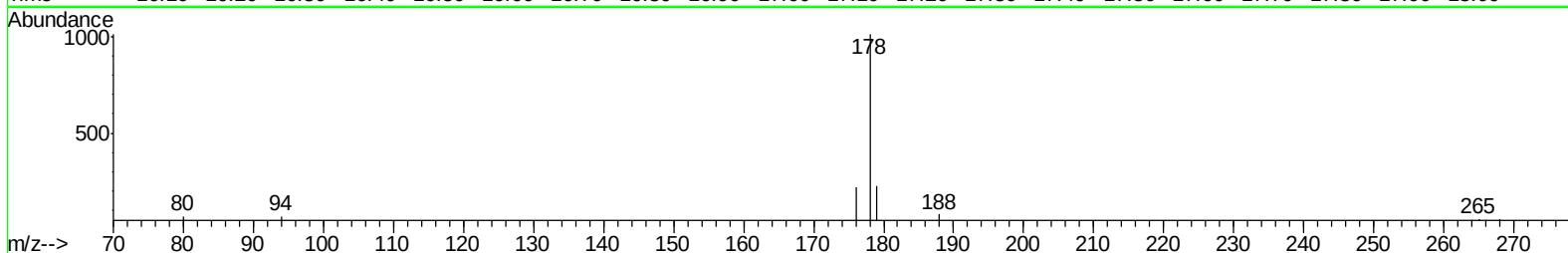
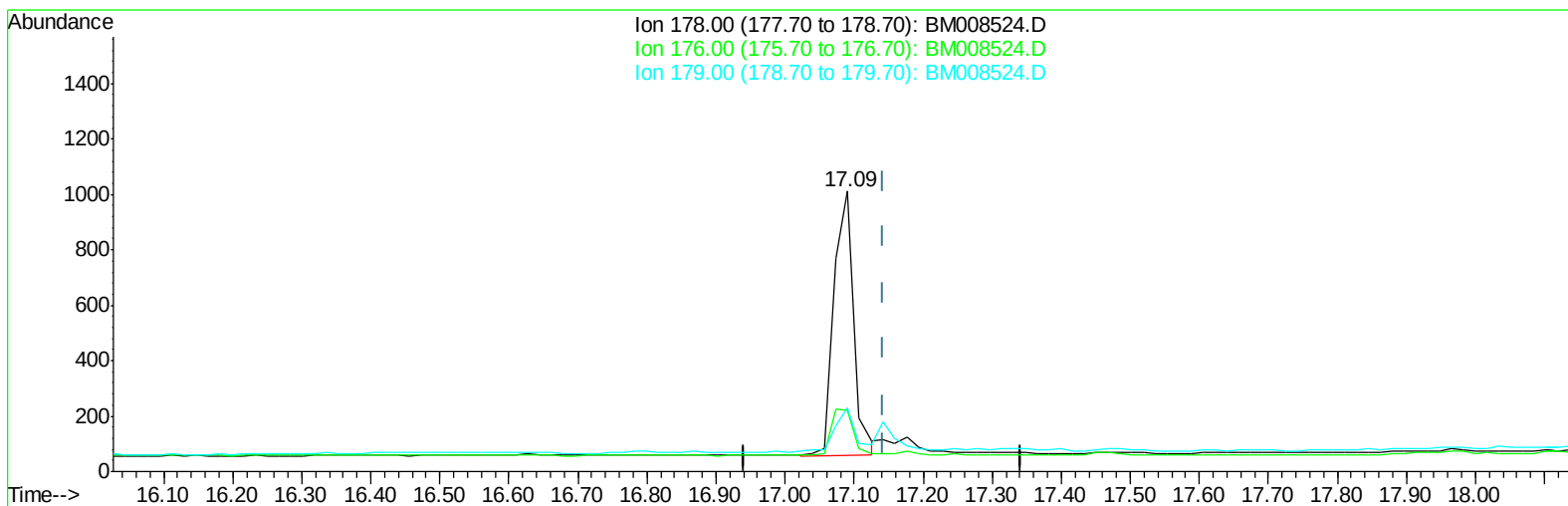
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008524.D
Acq On : 21 Dec 2016 19:24
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:54:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 00:24:45 2016
Response via : Initial Calibration



TIC: BM008524.D

(12) Phenanthrene

17.090min (-0.051) 0.40ng/ul m

response 1941

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	21.64
179.00	17.00	22.53#
0.00	0.00	0.00

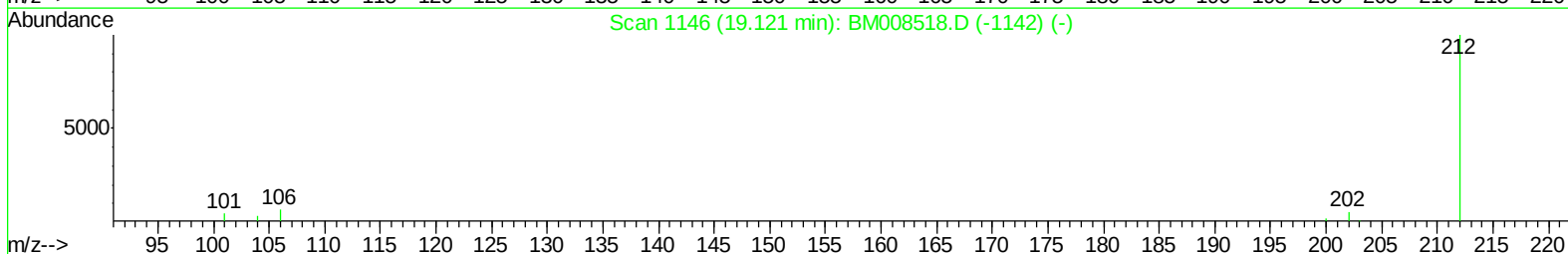
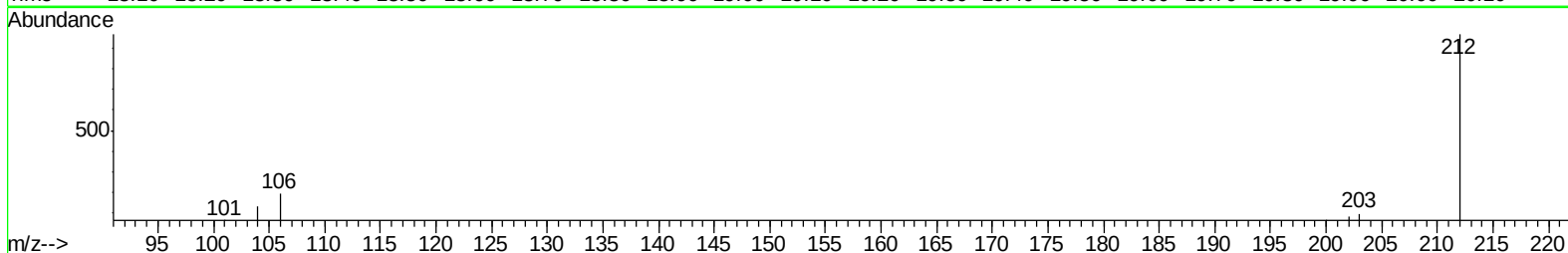
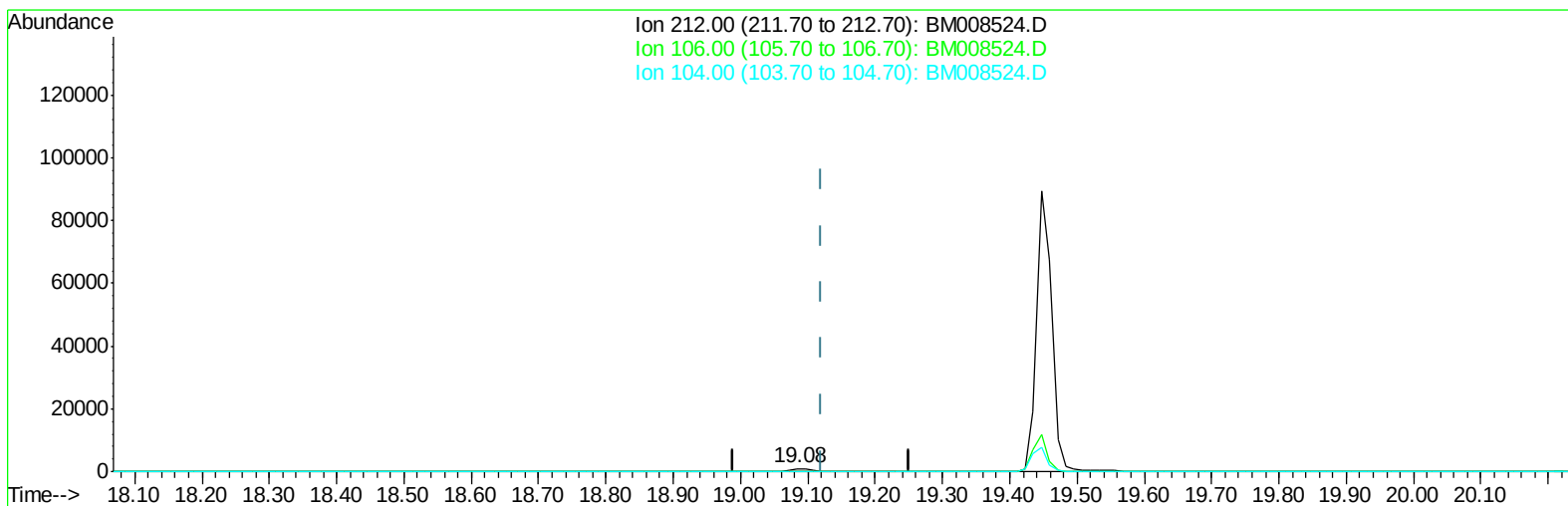
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008524.D
Acq On : 21 Dec 2016 19:24
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:54:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 00:24:45 2016
Response via : Initial Calibration



TIC: BM008524.D

(14) Fluoranthene-d10 (SURR)

19.084min (-0.036) 0.32ng/ul

response 1385

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	7.15#
104.00	15.60	0.00#
0.00	0.00	0.00

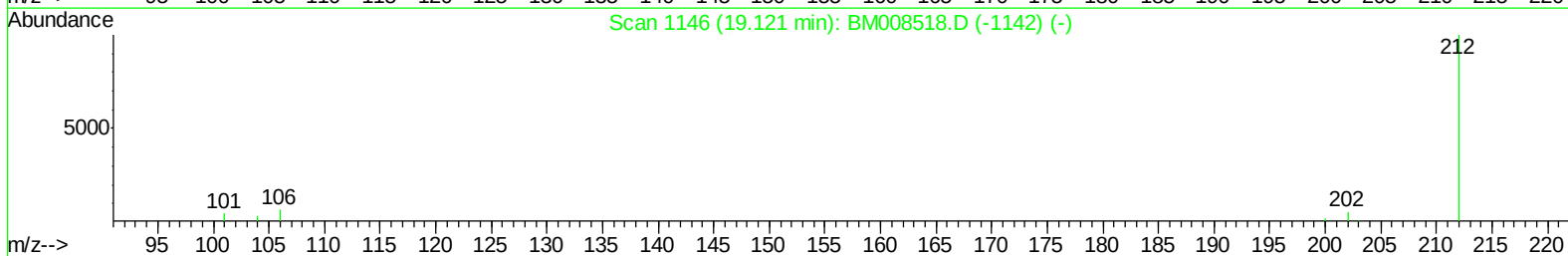
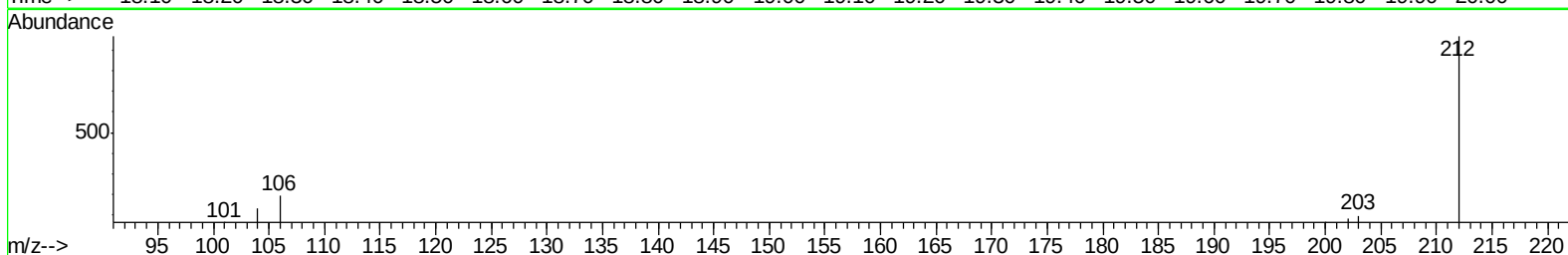
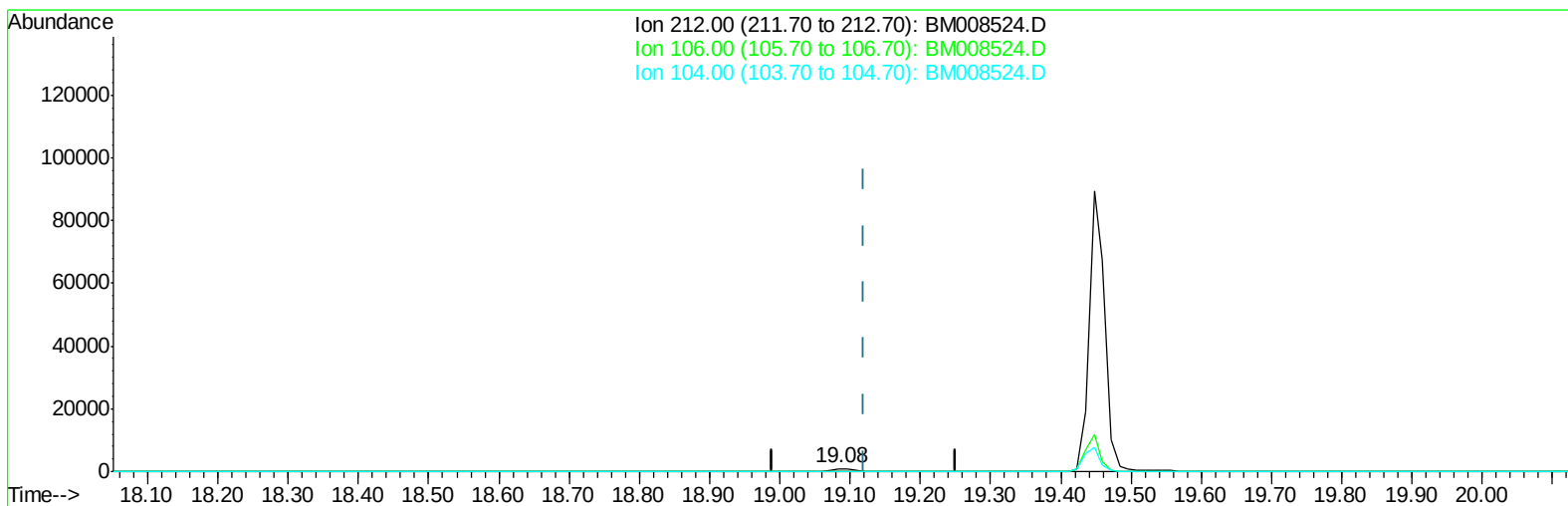
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008524.D
Acq On : 21 Dec 2016 19:24
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:54:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 00:24:45 2016
Response via : Initial Calibration



TIC: BM008524.D

(14) Fluoranthene-d10 (SURR)

19.084min (-0.036) 0.36ng/ul m

response 1552

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	6.38#
104.00	15.60	0.00#
0.00	0.00	0.00

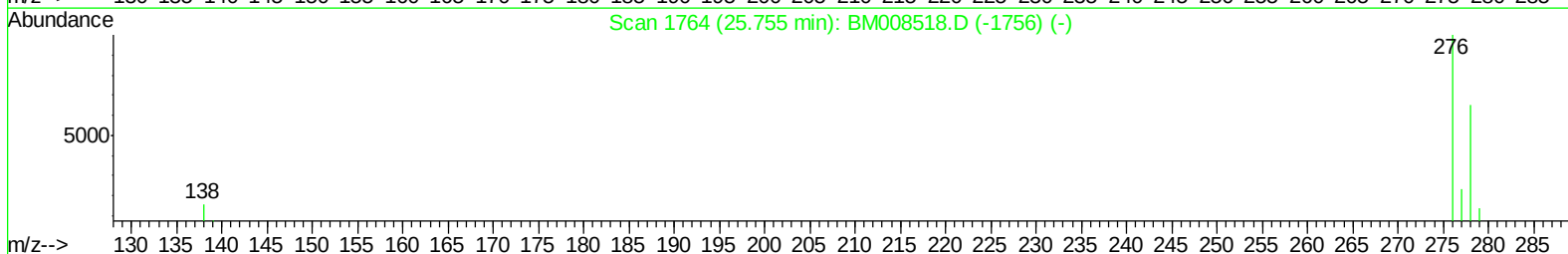
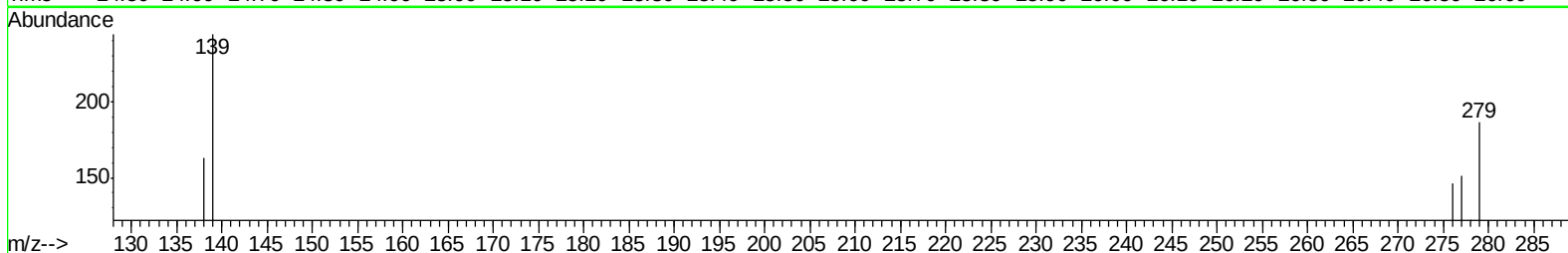
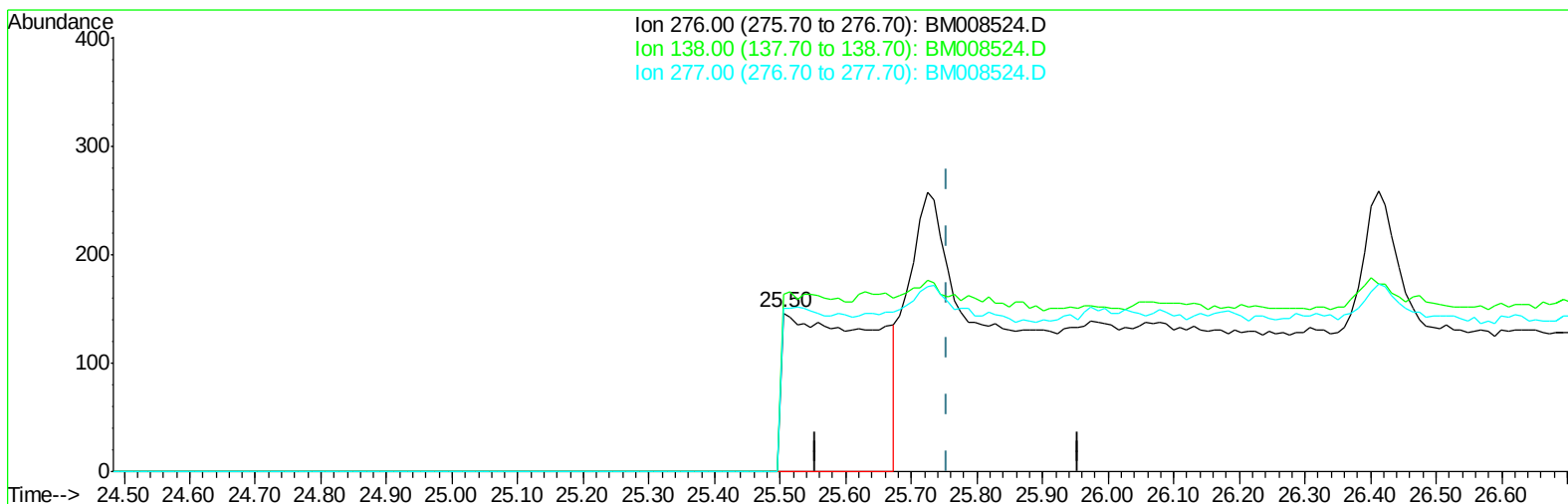
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008524.D
Acq On : 21 Dec 2016 19:24
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA8X2

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:54:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 00:24:45 2016
Response via : Initial Calibration



TIC: BM008524.D

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

25.505min (-0.250) 0.24ng/ul

response 1426

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	0.00#
0.00	0.00	0.00

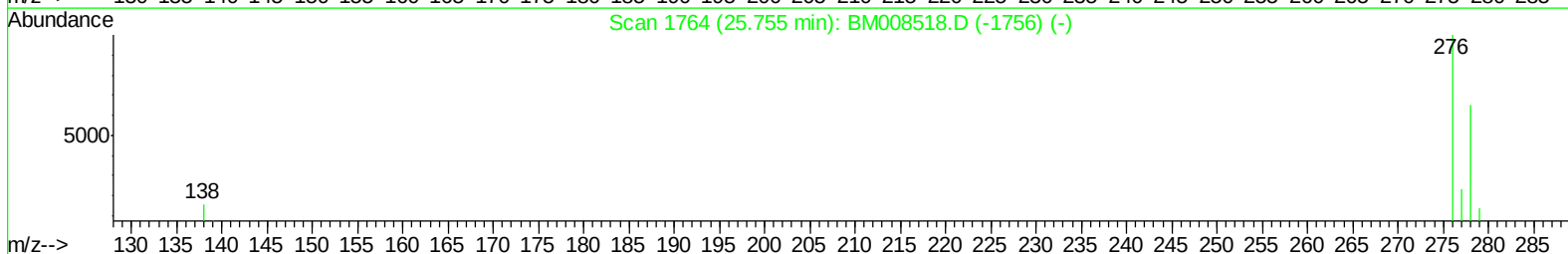
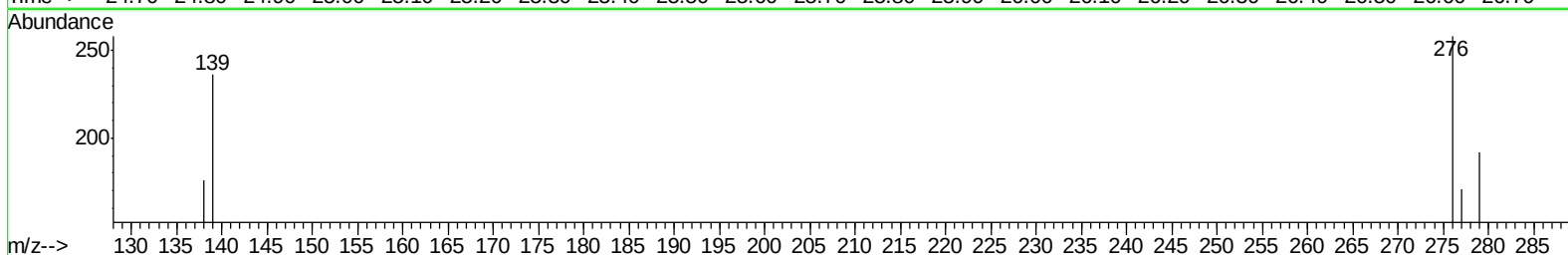
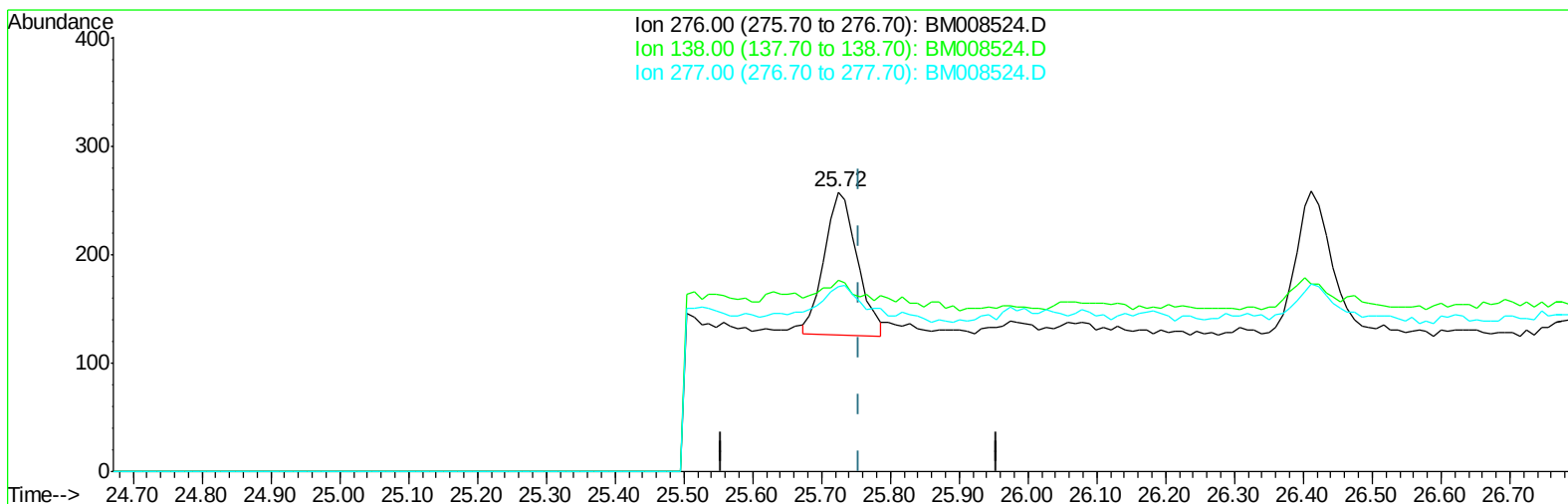
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008524.D
Acq On : 21 Dec 2016 19:24
Operator : UM/SJ
Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X2

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:54:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Response via : Initial Calibration



TIC: BM008524.D

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

25.724min (-0.031) 0.07ng/ul m

response 437

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	0.00#
0.00	0.00	0.00

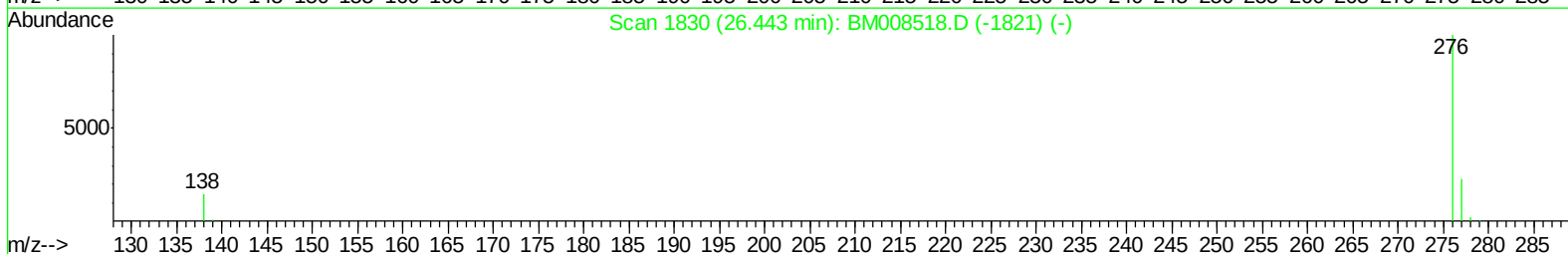
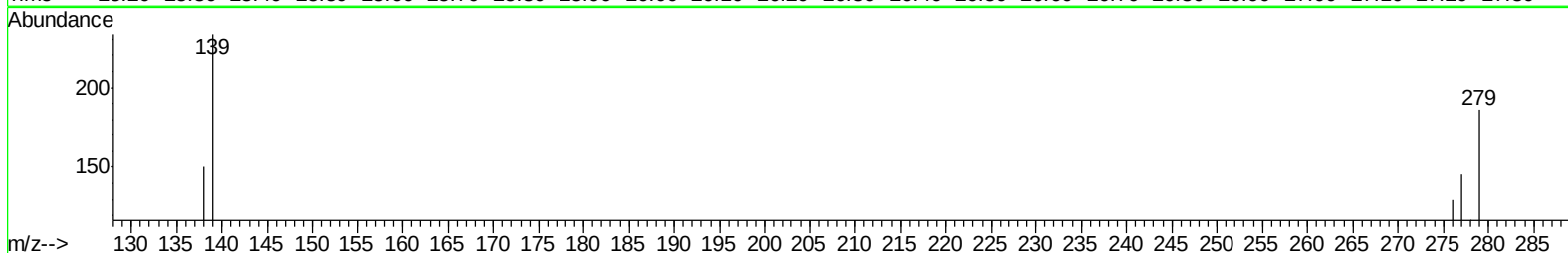
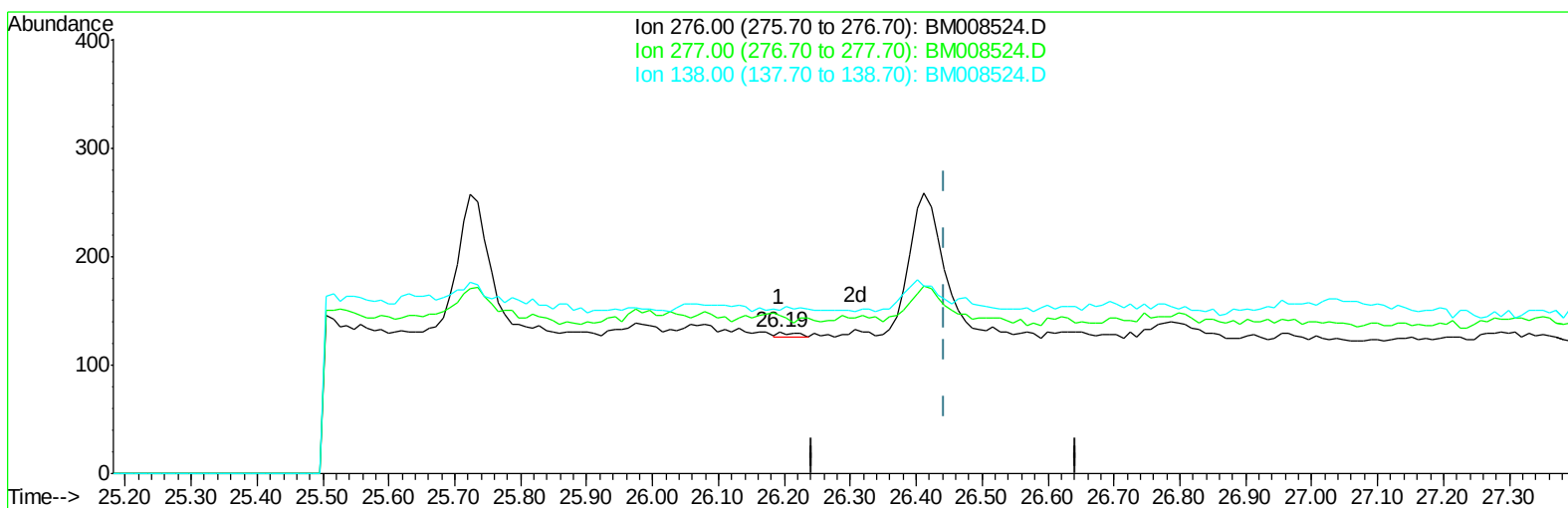
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Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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Quant Time: Dec 22 00:54:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008524.D

(26) Benzo(g,h,i)perylene

26.193min (-0.250) 0.00ng/ul

response 8

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	112.31#
138.00	25.60	115.38#
0.00	0.00	0.00

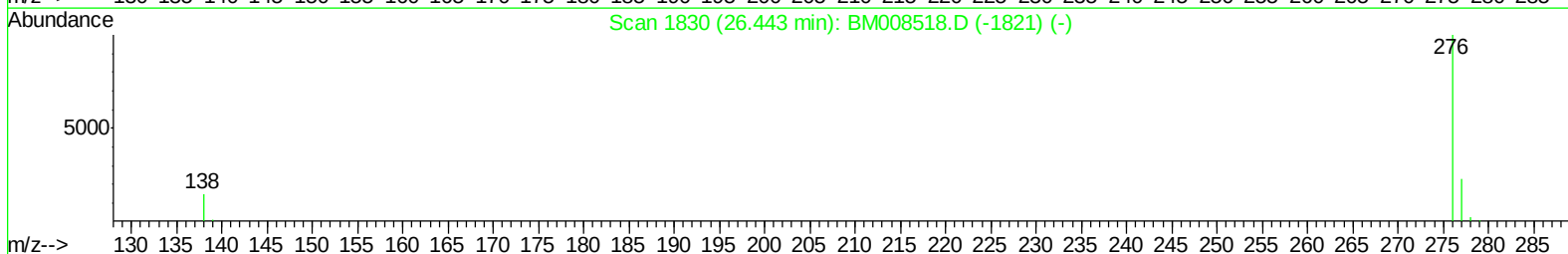
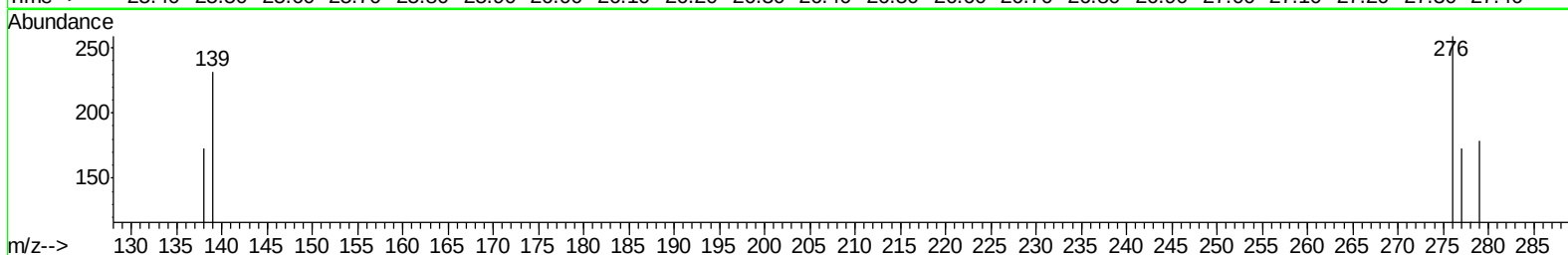
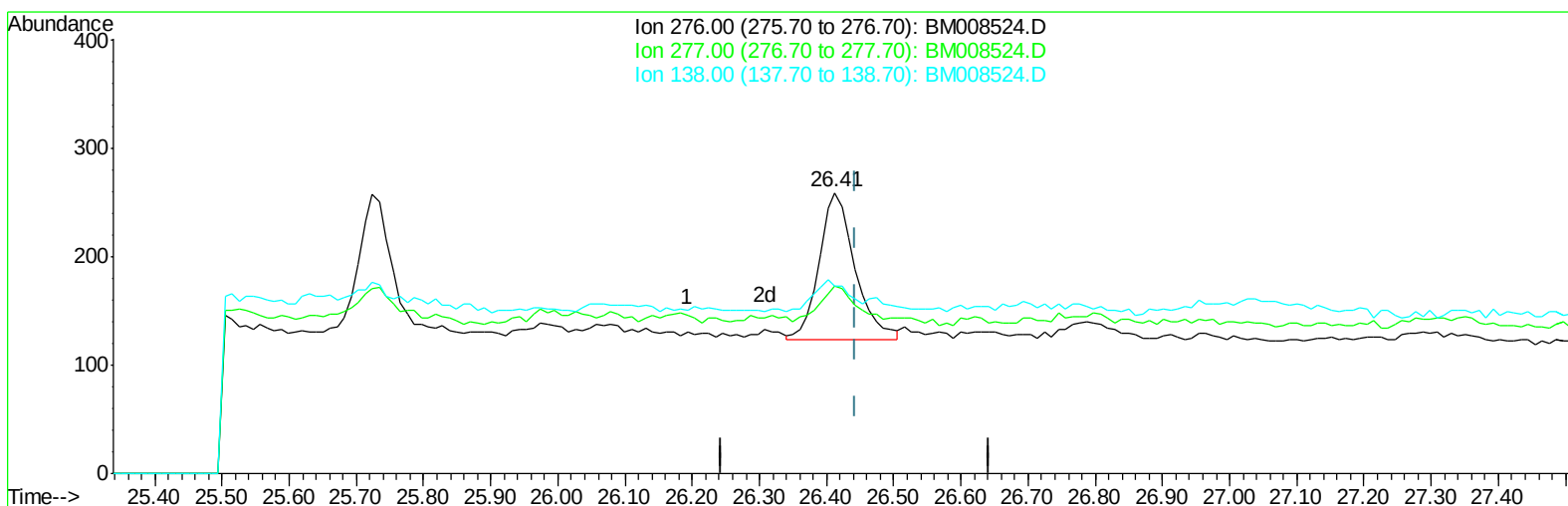
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
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Sample : H6040-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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Quant Time: Dec 22 00:54:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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Response via : Initial Calibration



TIC: BM008524.D

(26) Benzo(g,h,i)perylene

26.412min (-0.031) 0.10ng/ul m

response 512

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	66.80#
138.00	25.60	66.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008524.D
 Acq On : 21 Dec 2016 19:24
 Operator : UM/SJ
 Sample : H6040-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X2

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:57:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 00:24:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	417	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.44	136	1370	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	854	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1584m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1521	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1345m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	590	0.28	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1552m	0.36	ng/ul	-0.04
Target Compounds						
3) Naphthalene	10.49	128	928	0.24	ng/ul#	84
5) 2-Methylnaphthalene	12.11	142	800	0.31	ng/ul	99
12) Phenanthrene	17.09	178	1941m	0.40	ng/ul	
15) Fluoranthene	19.12	202	1684	0.28	ng/ul	90
17) Pyrene	19.48	202	1547	0.26	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.72	276	437m	0.07	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	512m	0.10	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
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Operator : UM/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:30 PM

Quant Time: Dec 22 00:57:24 2016
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