

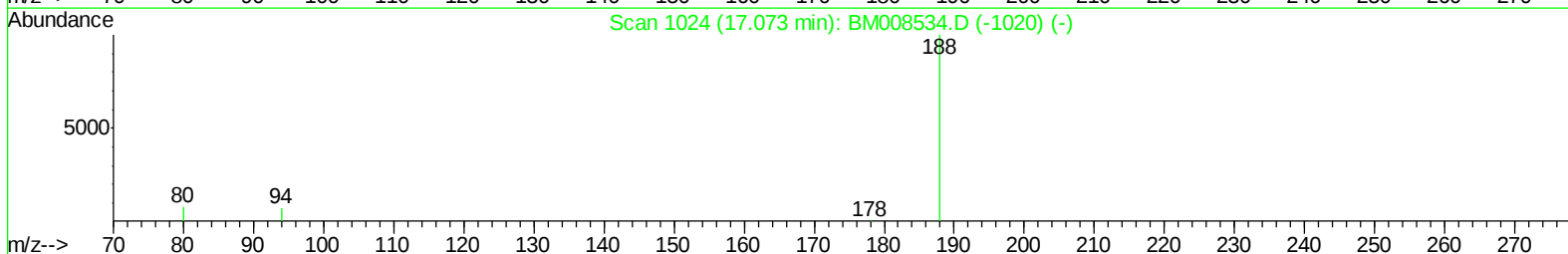
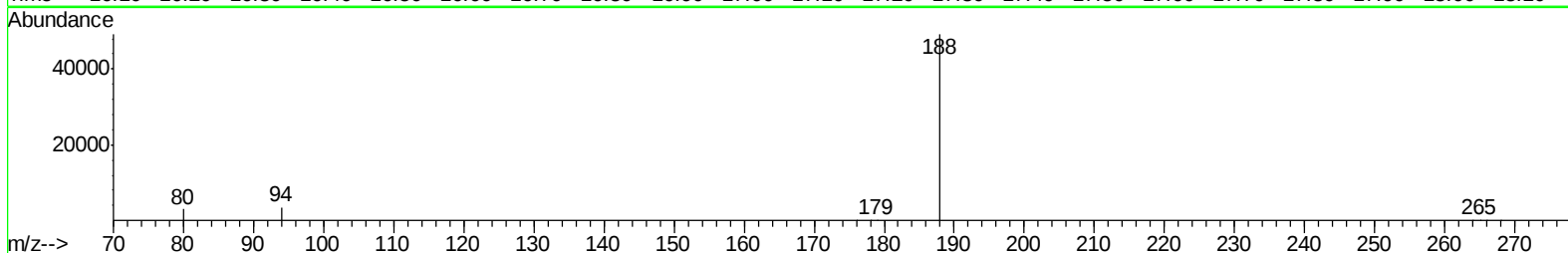
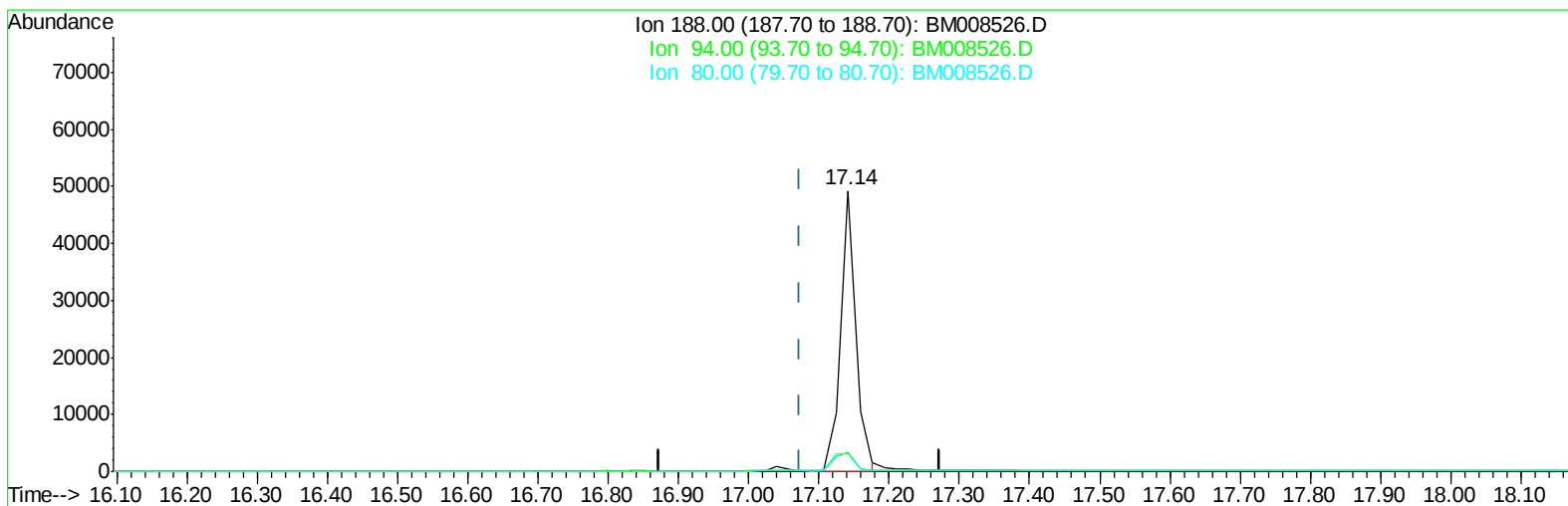
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008526.D
Acq On : 21 Dec 2016 20:36
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W9

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:36 PM

Quant Time: Dec 22 10:35:28 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 02:22:34 2016
Response via : Initial Calibration



TIC: BM008526.D

(10) Phenanthrene-d10 (I)

17.142min (+0.069) 0.40ng/ul

response 73330

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	6.97#
80.00	11.80	6.22#
0.00	0.00	0.00

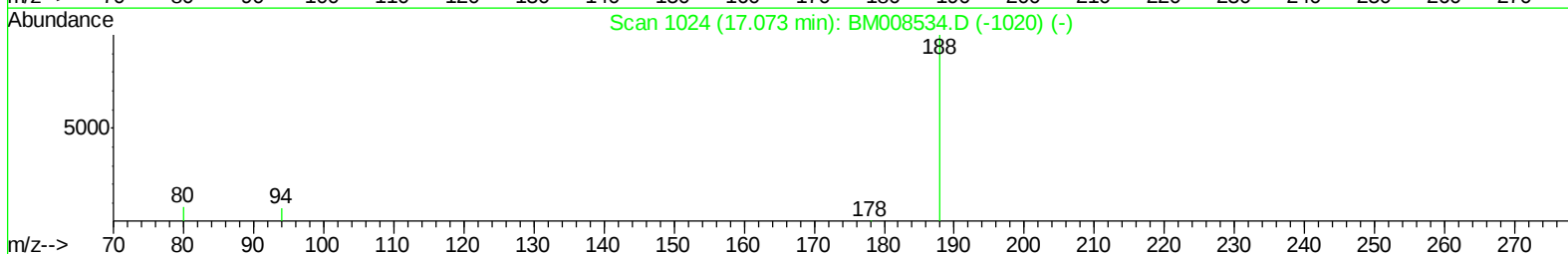
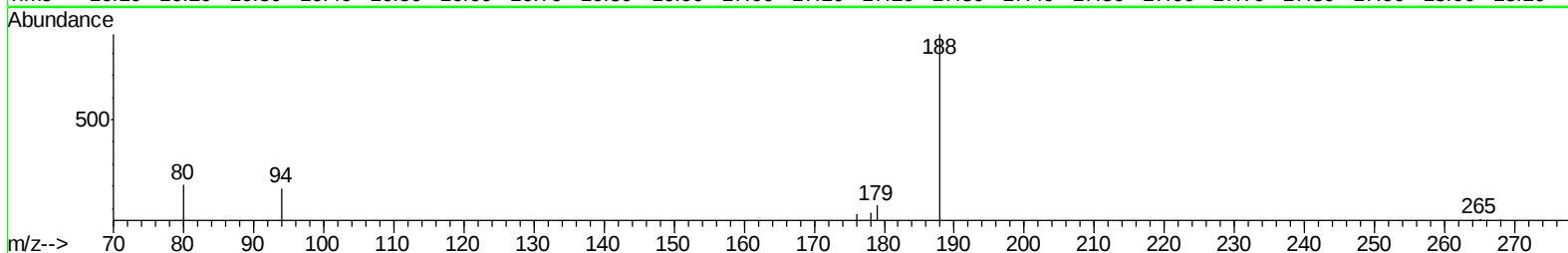
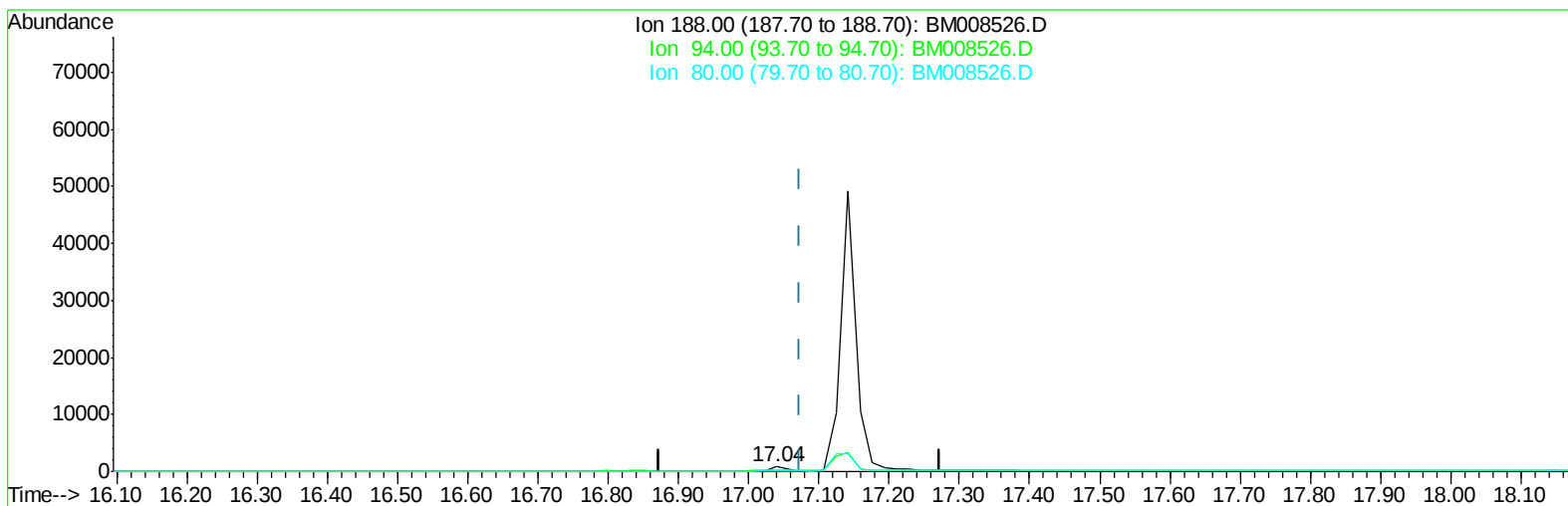
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
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Sample : H6040-16
Misc :
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Manual Integrations
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TIC: BM008526.D

(10) Phenanthrene-d10 (I)

17.039min (-0.034) 0.40ng/ul m

response 1534

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	21.86#
80.00	11.80	23.33#
0.00	0.00	0.00

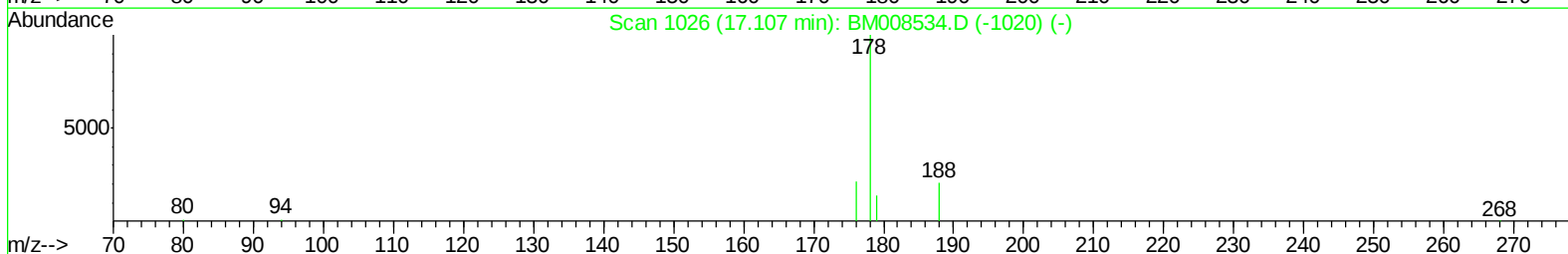
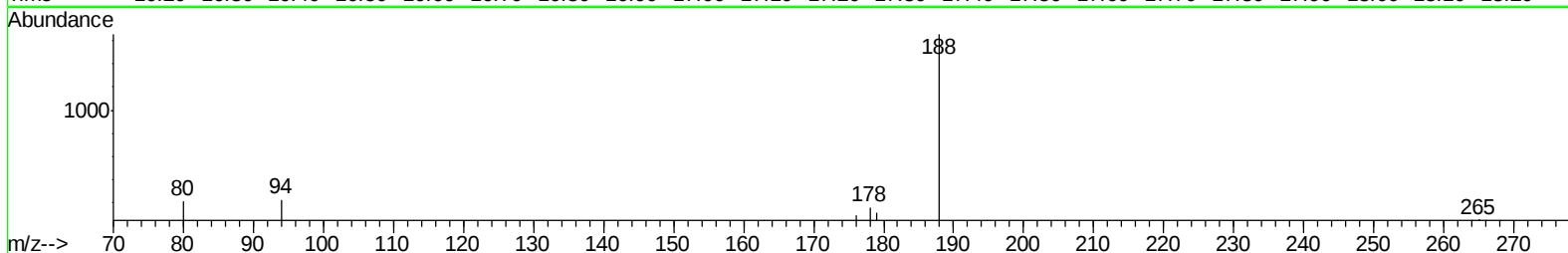
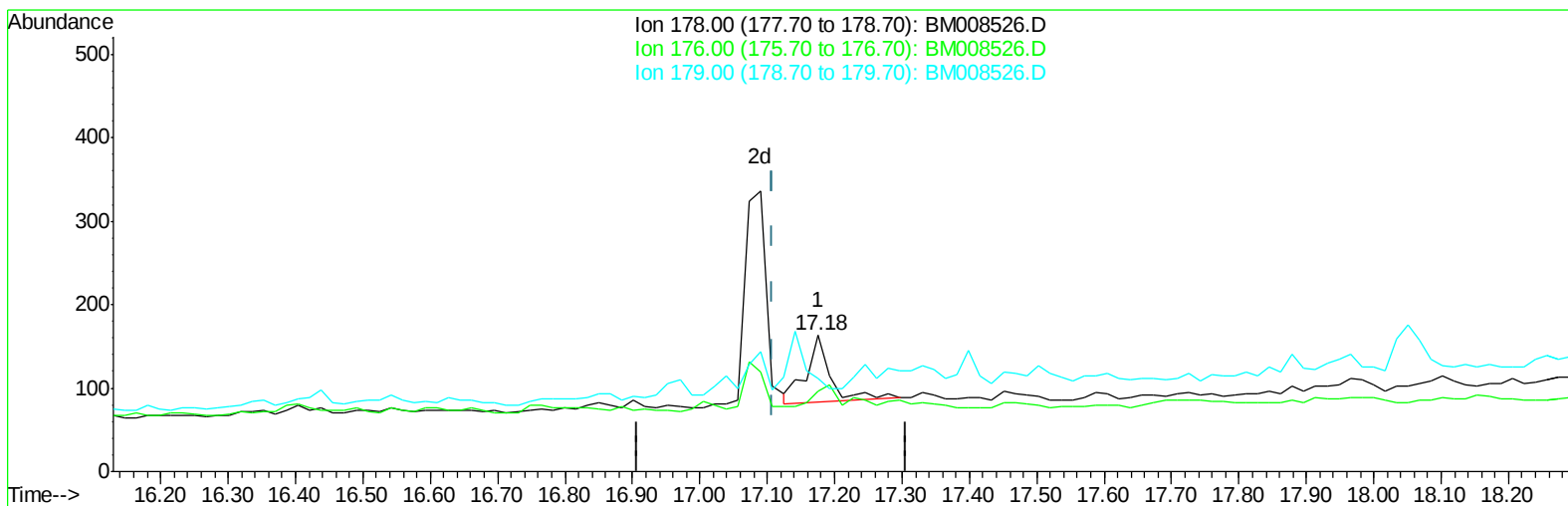
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008526.D
Acq On : 21 Dec 2016 20:36
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BM008526.D

(12) Phenanthrene

17.176min (+0.069) 0.04ng/ul

response 197

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	58.90#
179.00	17.00	68.10#
0.00	0.00	0.00

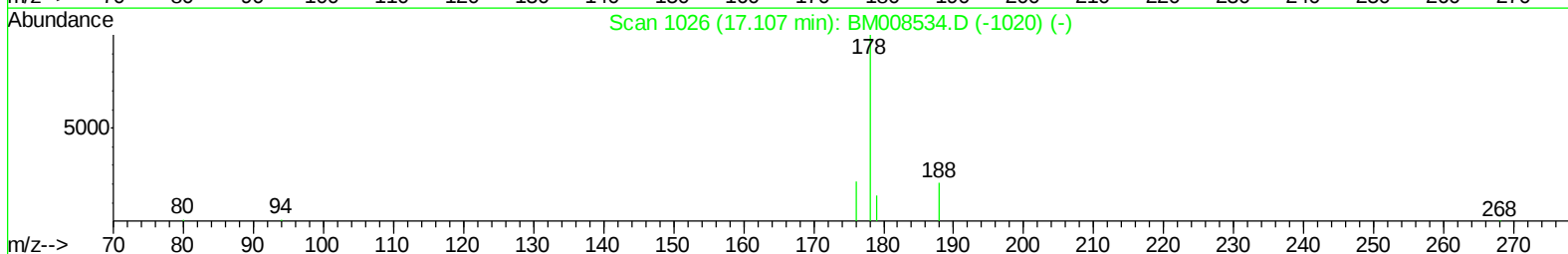
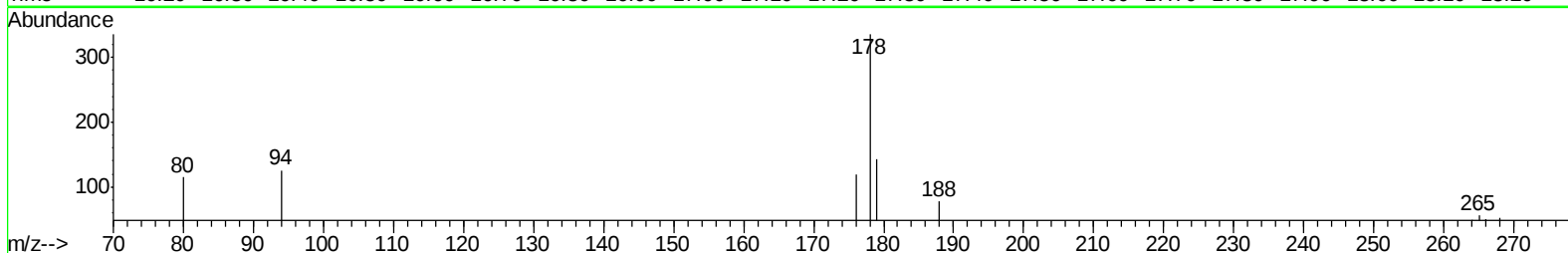
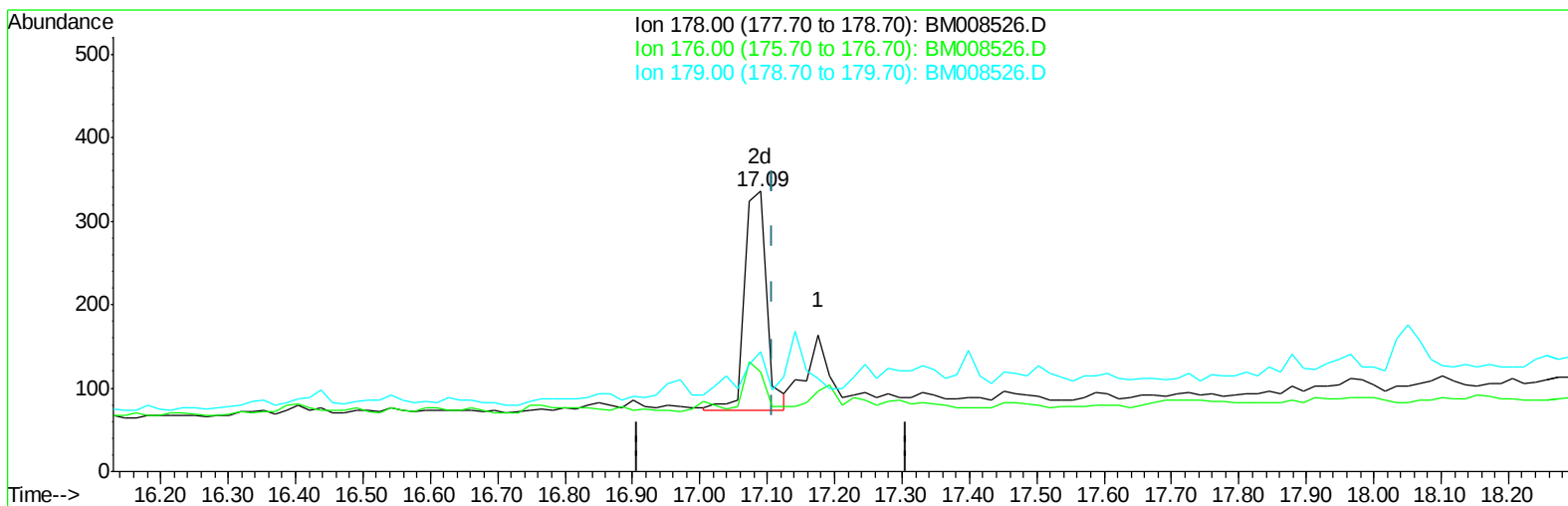
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008526.D
Acq On : 21 Dec 2016 20:36
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W9

Manual Integrations
APPROVED

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Quant Time: Dec 22 10:36:29 2016
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TIC: BM008526.D

(12) Phenanthrene

17.090min (-0.017) 0.13ng/ul m

response 608

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	35.42#
179.00	17.00	42.56#
0.00	0.00	0.00

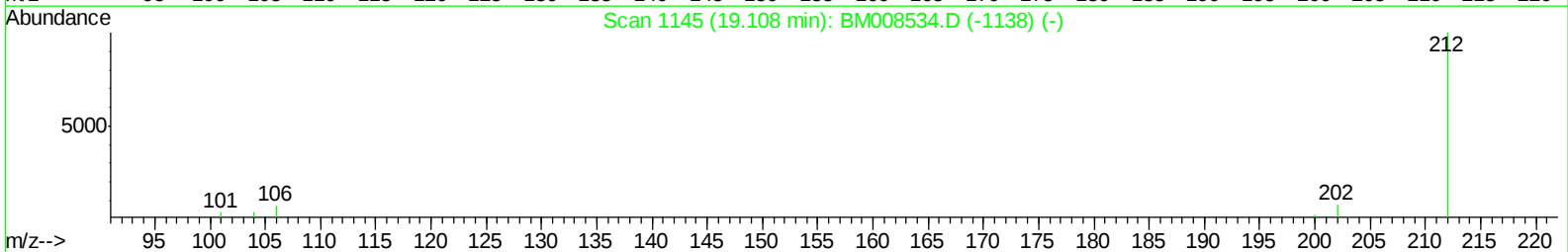
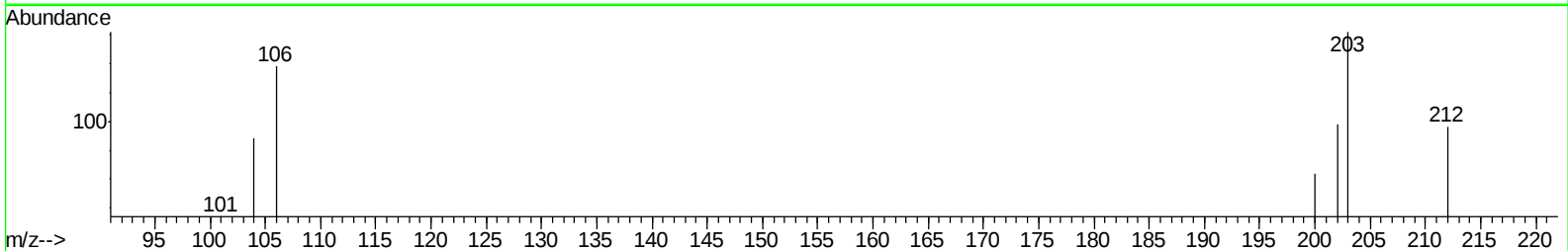
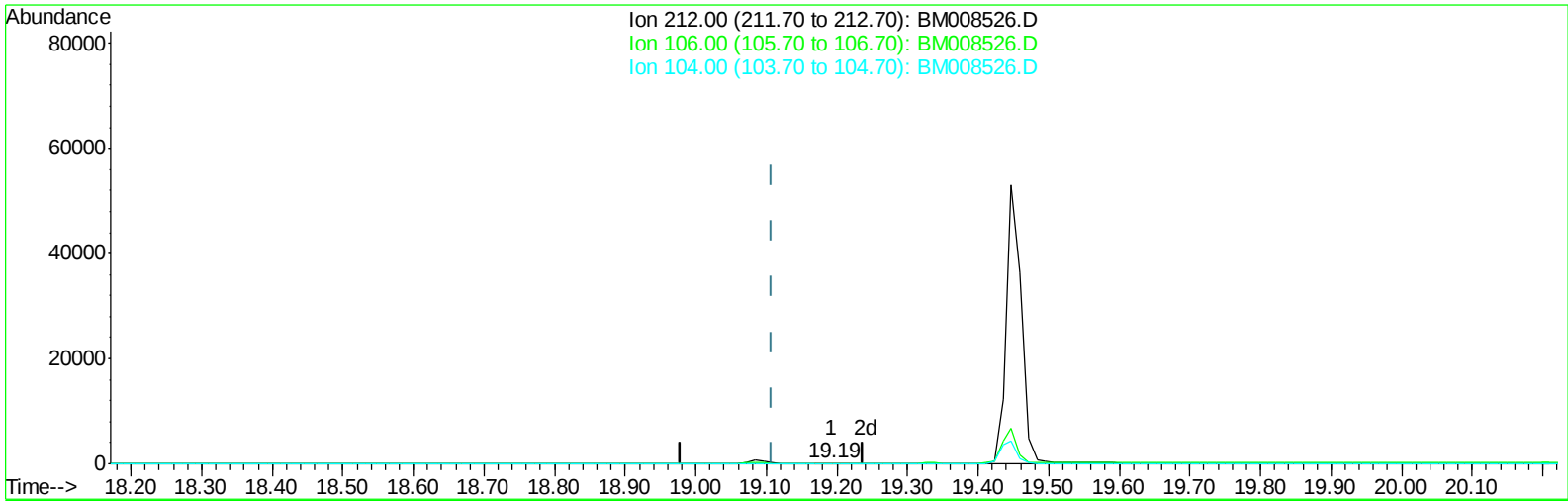
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Sample : H6040-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BM008526.D

(14) Fluoranthene-d10 (SURR)

19.193min (+0.085) 0.01ng/ul

response 22

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	40.91#
104.00	15.60	18.18
0.00	0.00	0.00

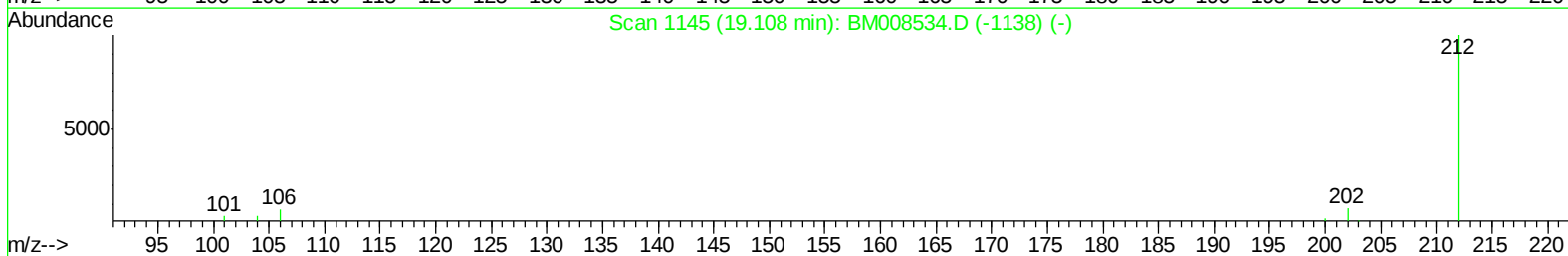
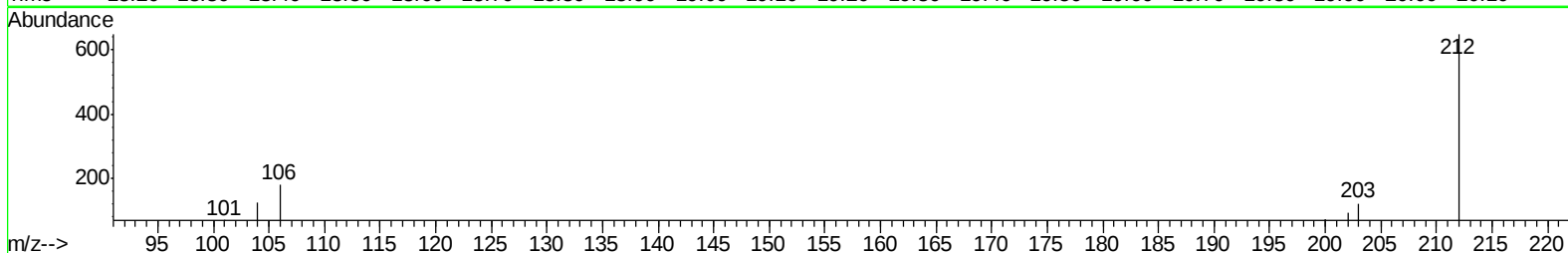
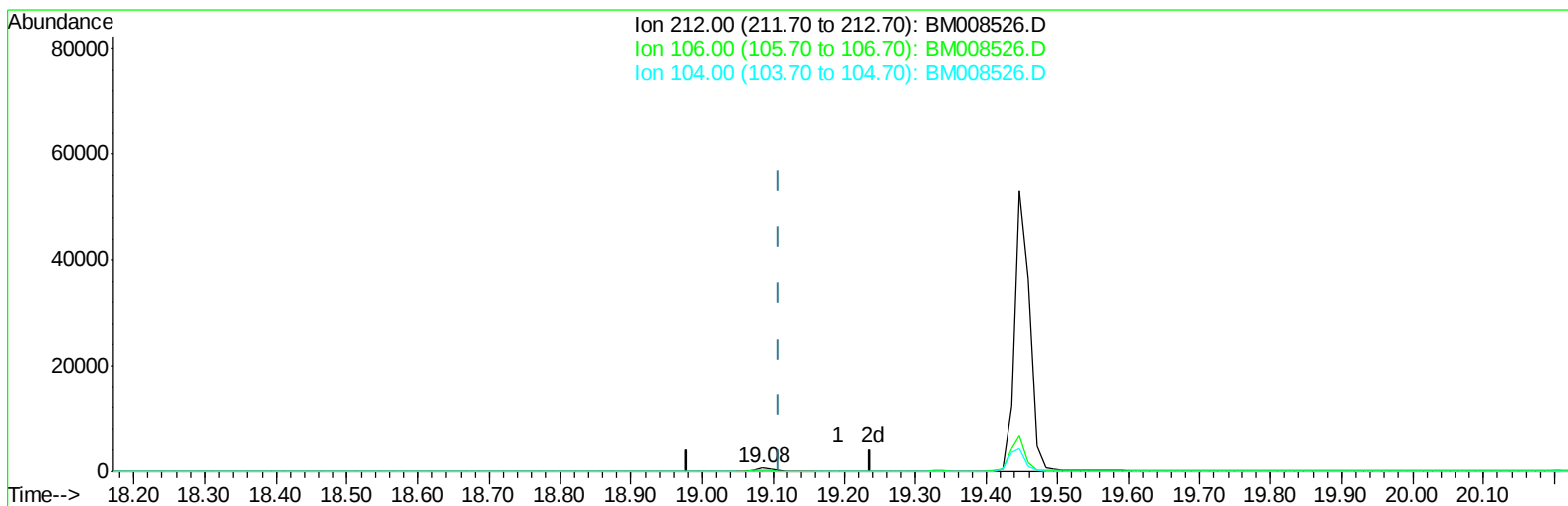
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008526.D
Acq On : 21 Dec 2016 20:36
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W9

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:36 PM

Quant Time: Dec 22 10:36:29 2016
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TIC: BM008526.D

(14) Fluoranthene-d10 (SURR)

19.084min (-0.024) 0.24ng/ul m

response 996

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.90#
104.00	15.60	0.40#
0.00	0.00	0.00

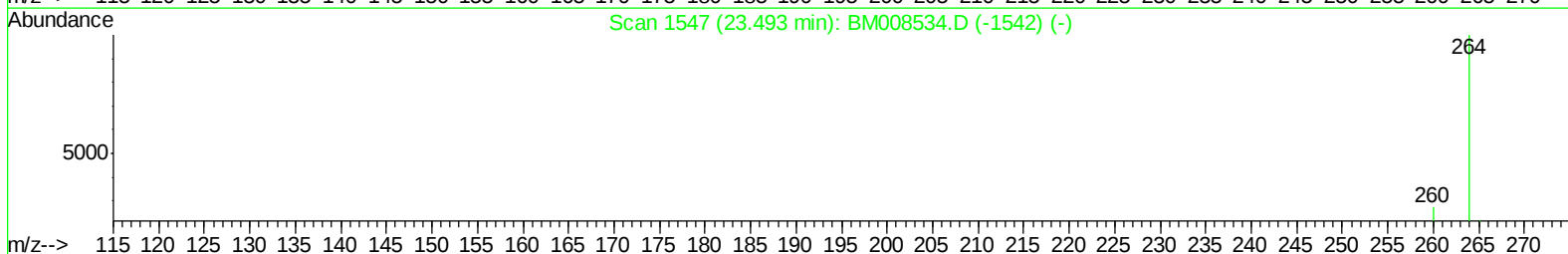
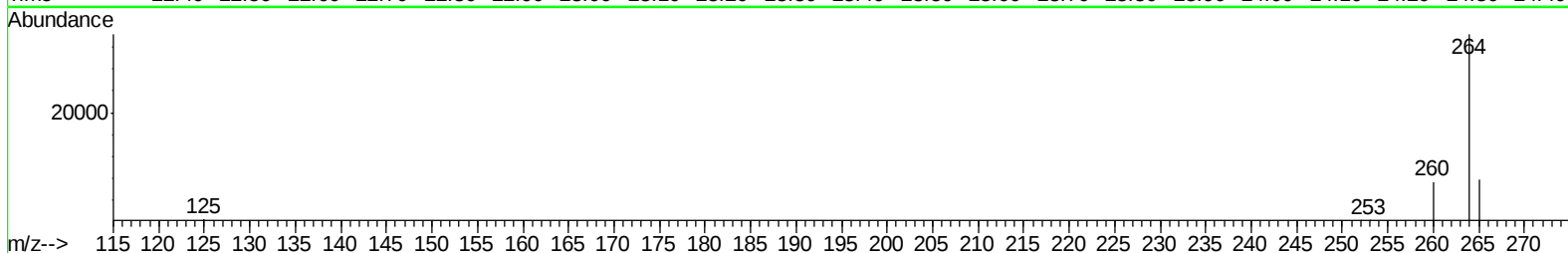
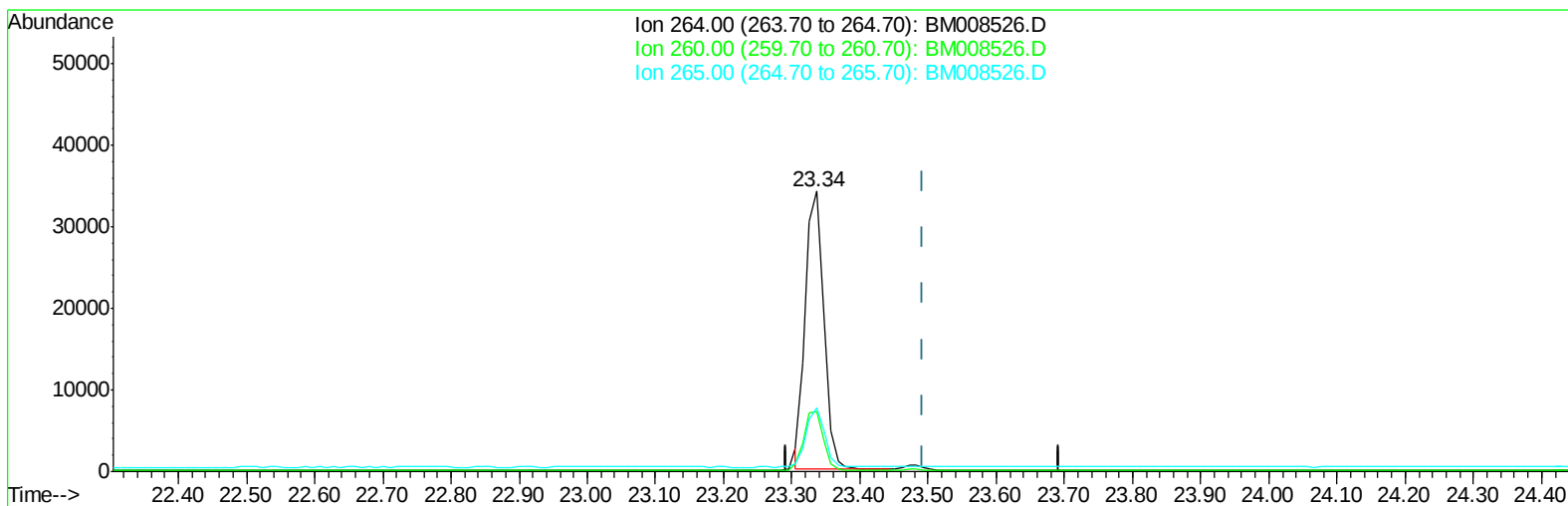
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Data File : BM008526.D
Acq On : 21 Dec 2016 20:36
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W9

Manual Integrations
APPROVED

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TIC: BM008526.D

(20) Perylene-d12 (I)

23.337min (-0.156) 0.40ng/ul

response 63695

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.38#
265.00	103.50	22.73#
0.00	0.00	0.00

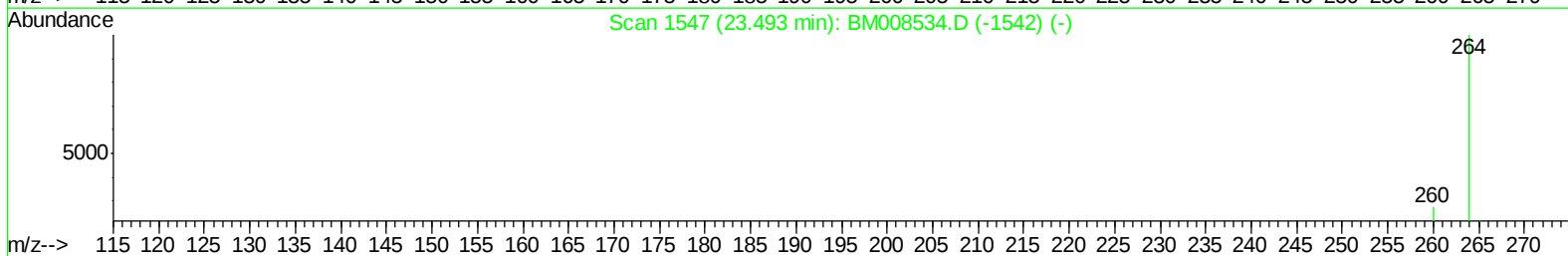
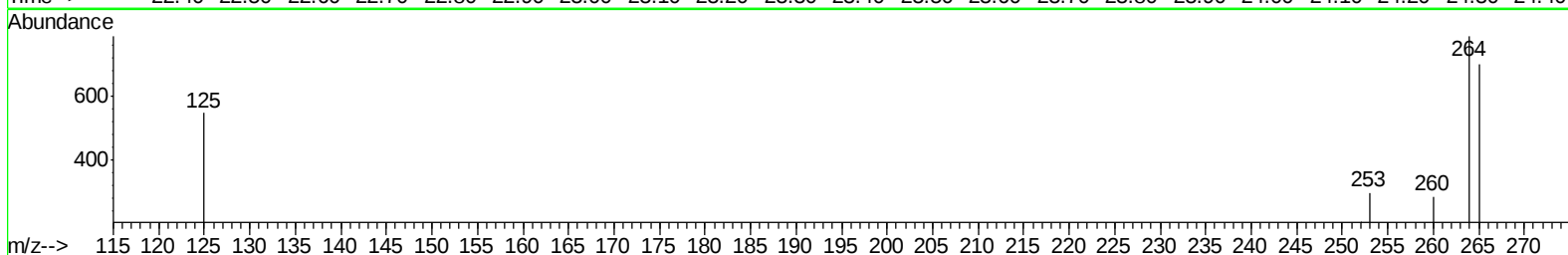
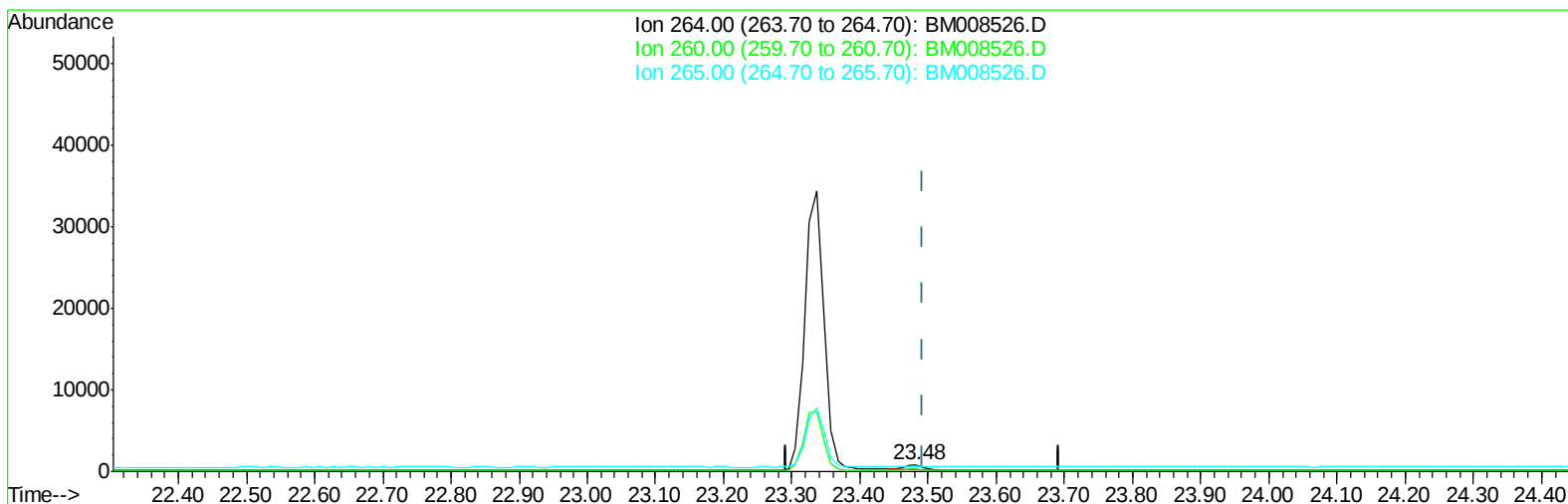
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008526.D
Acq On : 21 Dec 2016 20:36
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W9

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:36 PM

Quant Time: Dec 22 10:36:29 2016
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Response via : Initial Calibration



TIC: BM008526.D

(20) Perylene-d12 (I)

23.482min (-0.010) 0.40ng/ul m

response 1153

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	36.17#
265.00	103.50	89.09
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008526.D
 Acq On : 21 Dec 2016 20:36
 Operator : UM/SJ
 Sample : H6040-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W9

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:35:36 PM

Quant Time: Dec 22 10:39:28 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 02:22:34 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	399	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	1299	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	779	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1534m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1426	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1153m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	347	0.17	ng/ul	-0.03
14) Fluoranthene-d10	19.08	212	996m	0.24	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.48	128	263	0.07	ng/ul#	49
5) 2-Methylnaphthalene	12.12	142	229	0.09	ng/ul	95
12) Phenanthrene	17.09	178	608m	0.13	ng/ul	
18) Benzo(a)anthracene	21.23	228	471	0.10	ng/ul#	13
19) Chrysene	21.28	228	313	0.06	ng/ul#	12

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

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