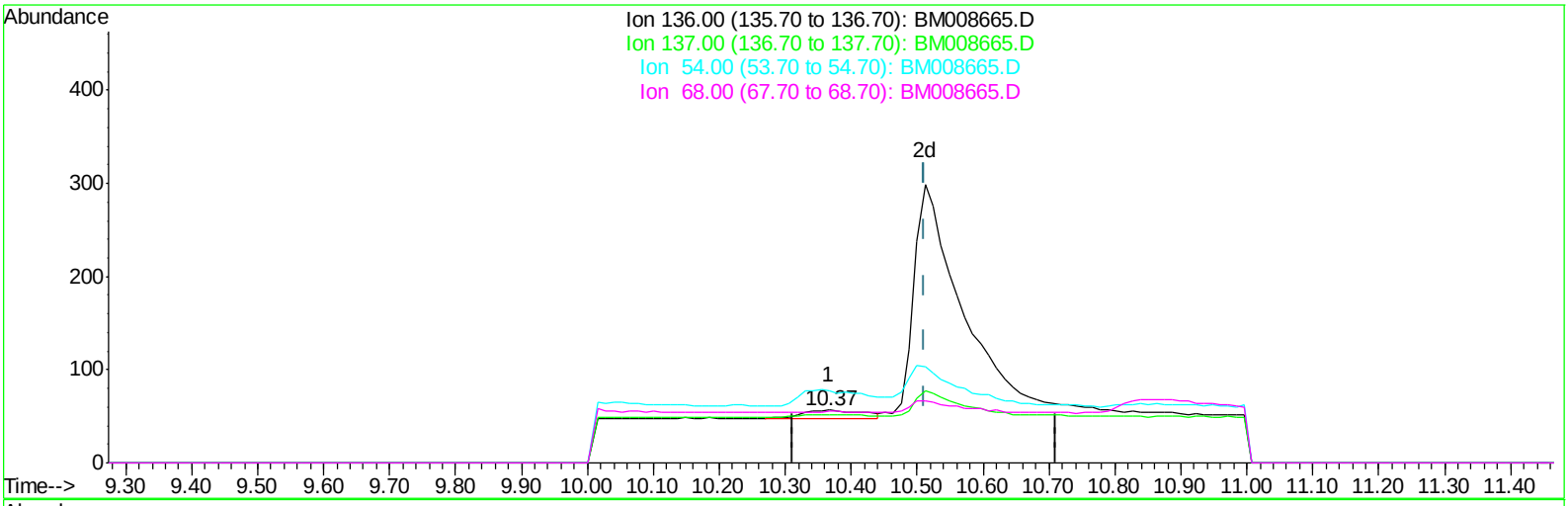
Quantitation Report (Qedit)

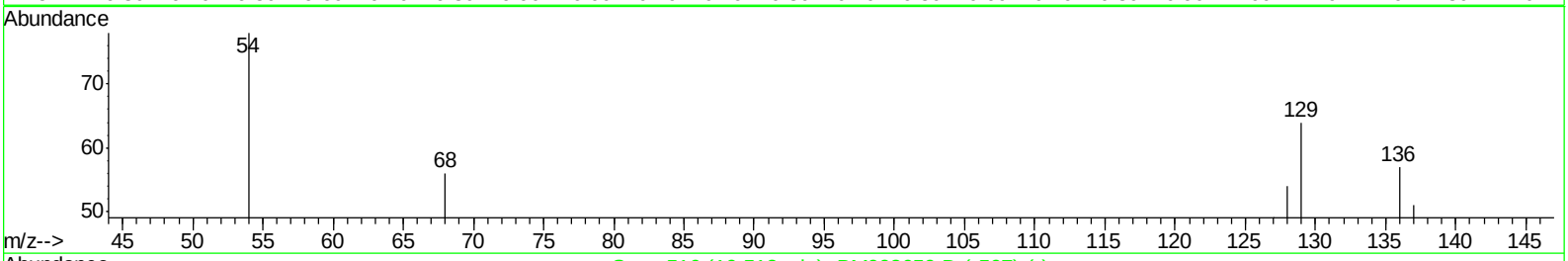
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

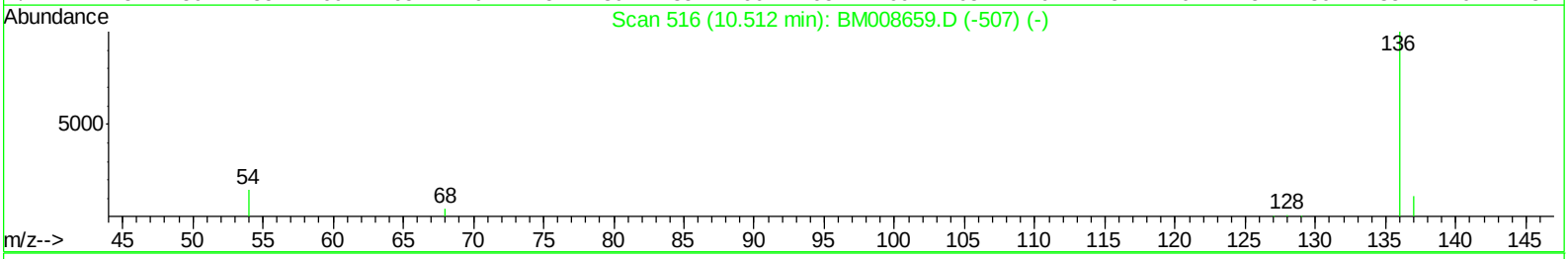
Quant Time: Dec 26 03:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:38 PM







TIC: BM008665.D

(2) Naphthalene-d8 (I)

10.367min (-0.145) 0.40ng/ul

response 57

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	89.47#
54.00	15.50	136.84#
68.00	9.90	98.25#

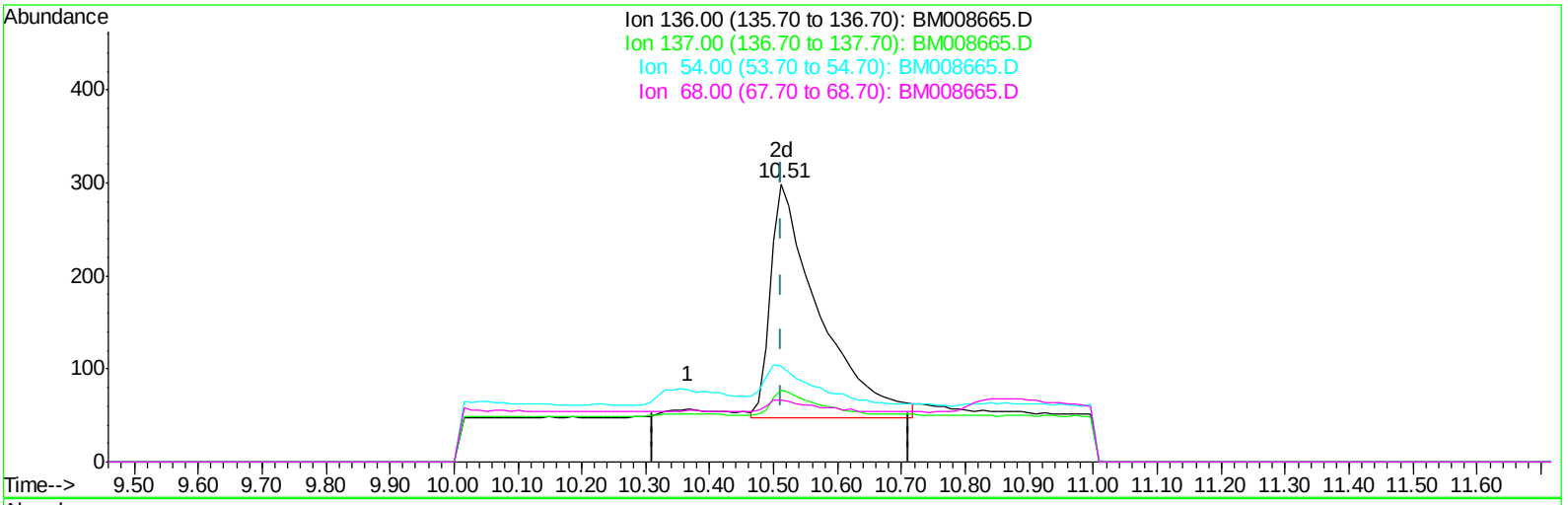
Quantitation Report (Qedit)

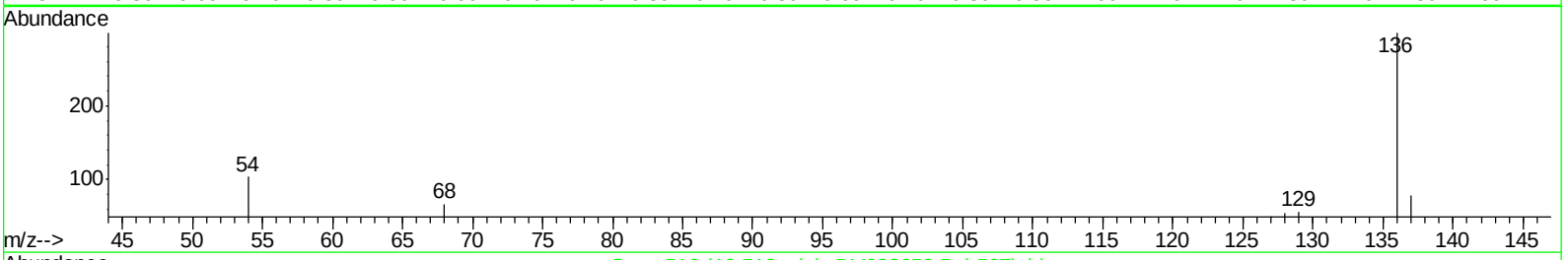
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

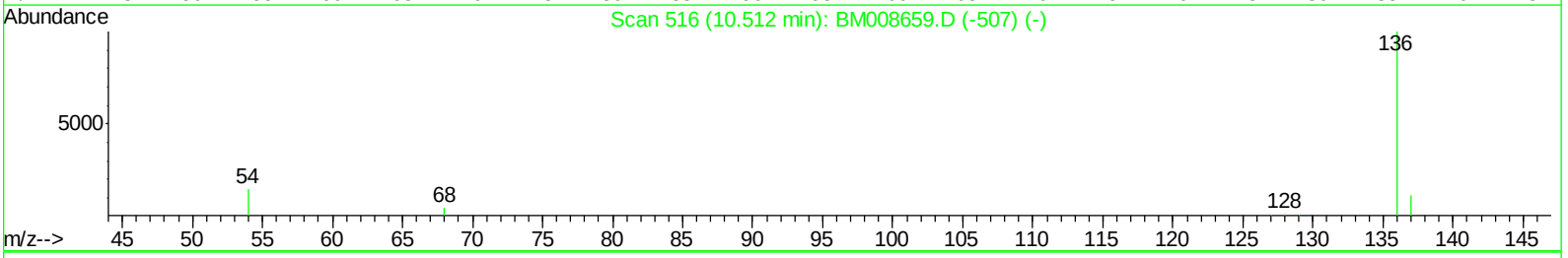
Quant Time: Dec 26 03:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:38 PM







TIC: BM008665.D

(2) Naphthalene-d8 (I)

10.512min (-0.000) 0.40ng/ul m

response 1337

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	26.09#
54.00	15.50	34.45#
68.00	9.90	22.41#

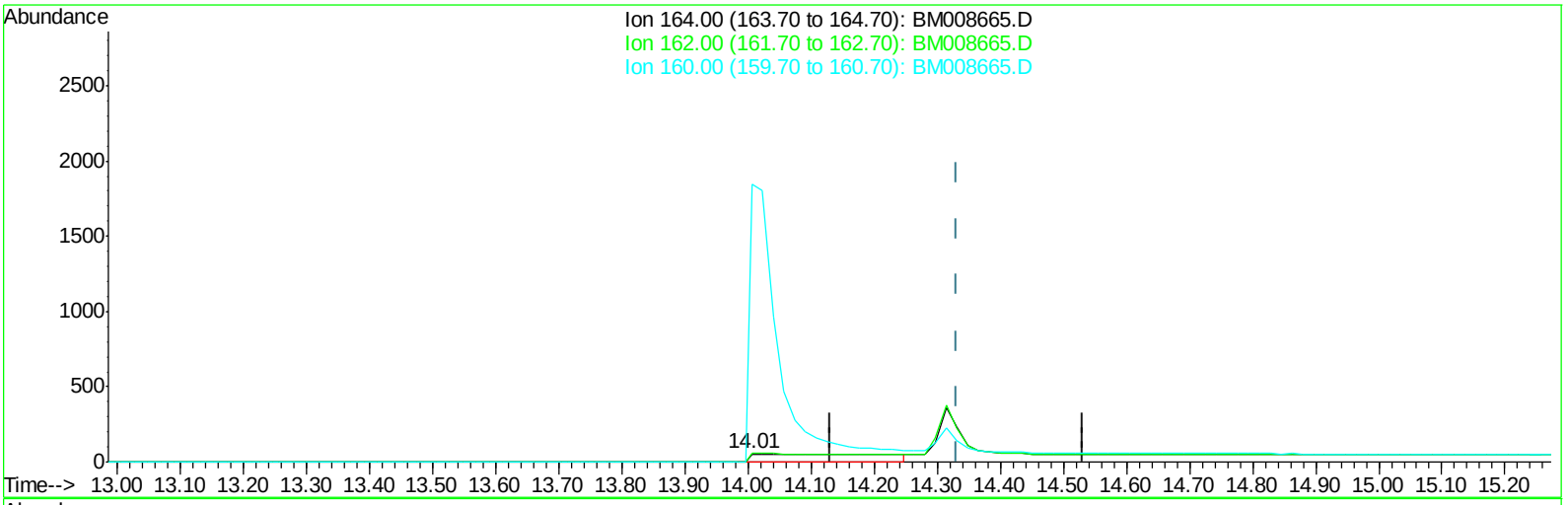
Quantitation Report (Qedit)

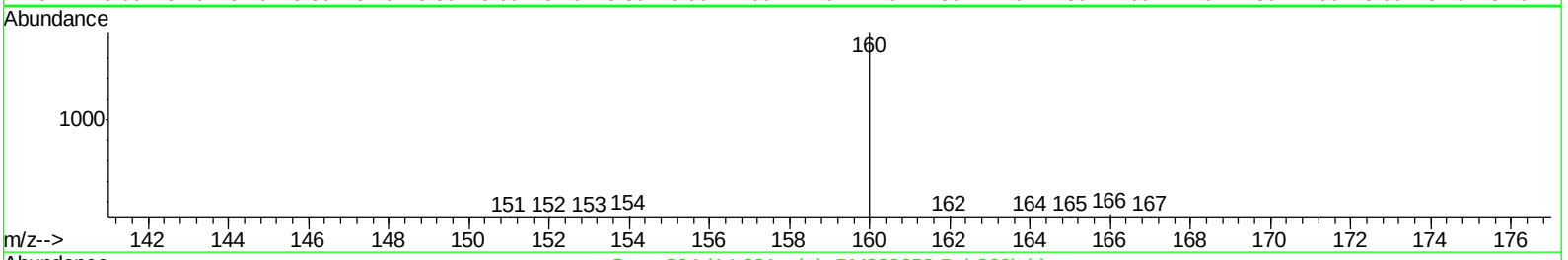
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

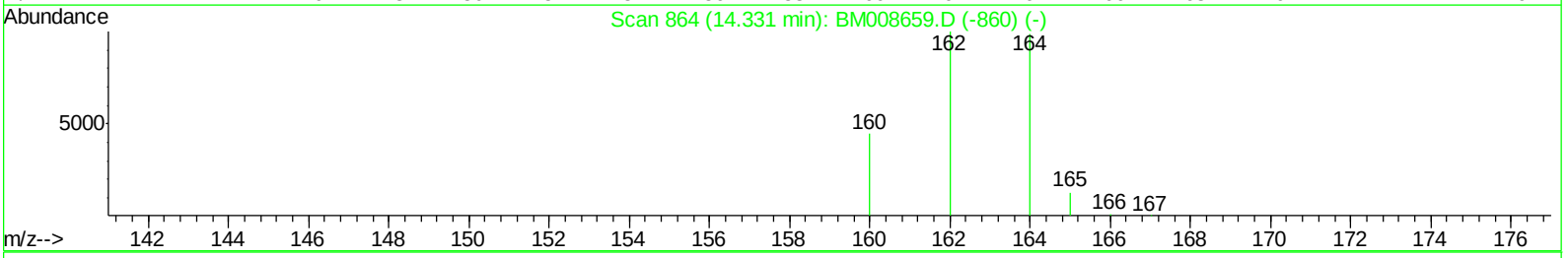
Quant Time: Dec 26 03:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:38 PM







TIC: BM008665.D

(6) Acenaphthene-d10 (I)

14.006min (-0.325) 0.40ng/ul

response 723

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	119.61#
160.00	48.80	3619.61#
0.00	0.00	0.00

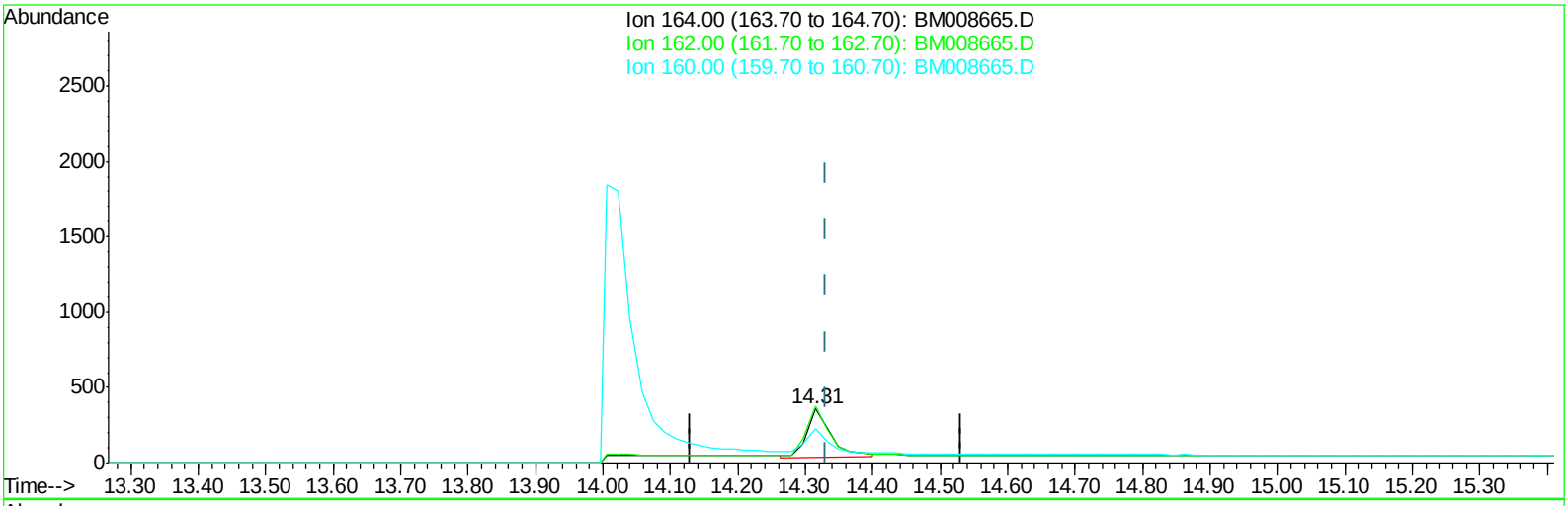
Quantitation Report (Qedit)

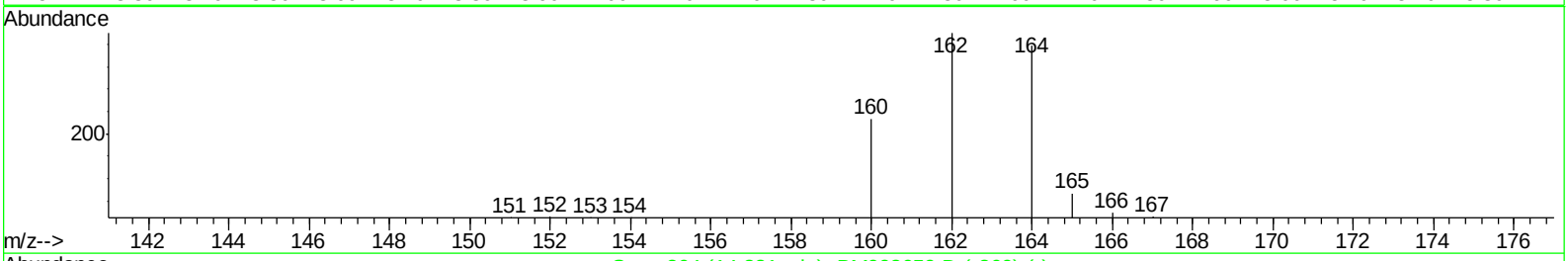
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

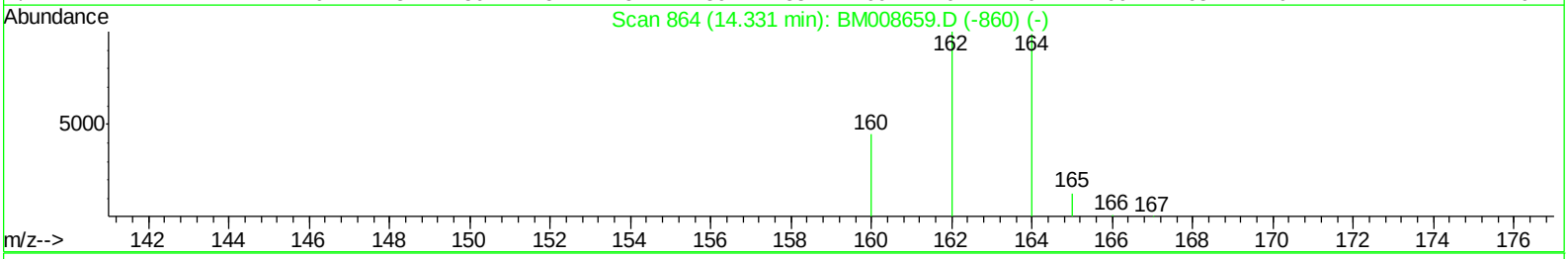
Quant Time: Dec 26 03:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:38 PM







TIC: BM008665.D

(6) Acenaphthene-d10 (I)

14.314min (-0.017) 0.40ng/ul m

response 779

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	106.15
160.00	48.80	63.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Dec 26 03:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
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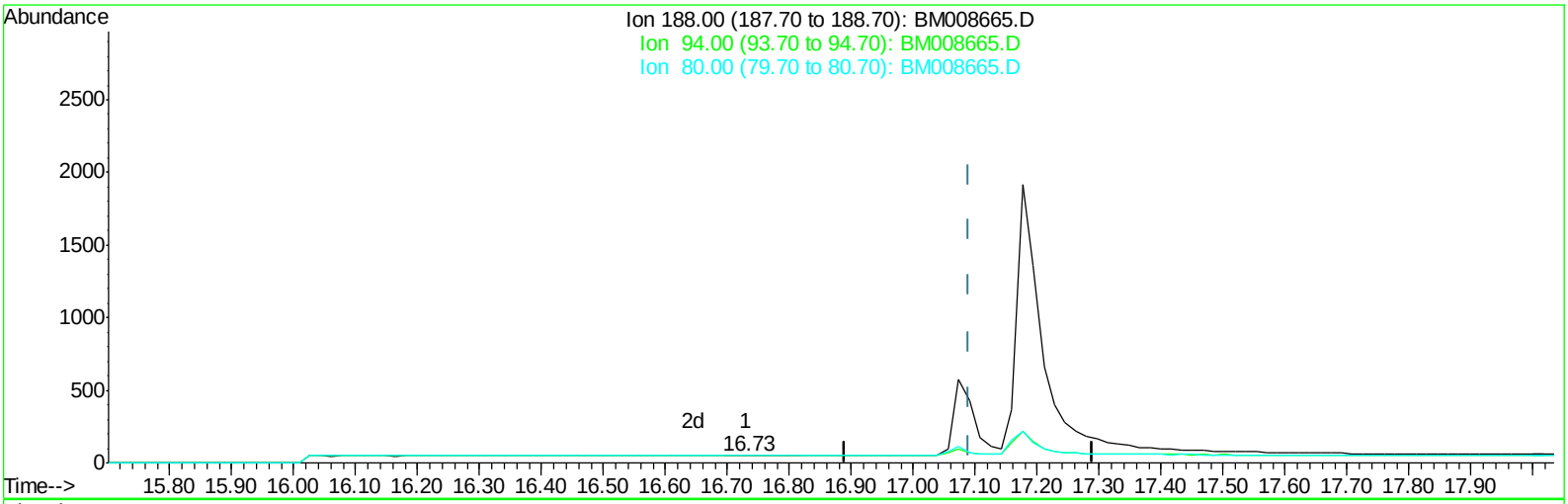

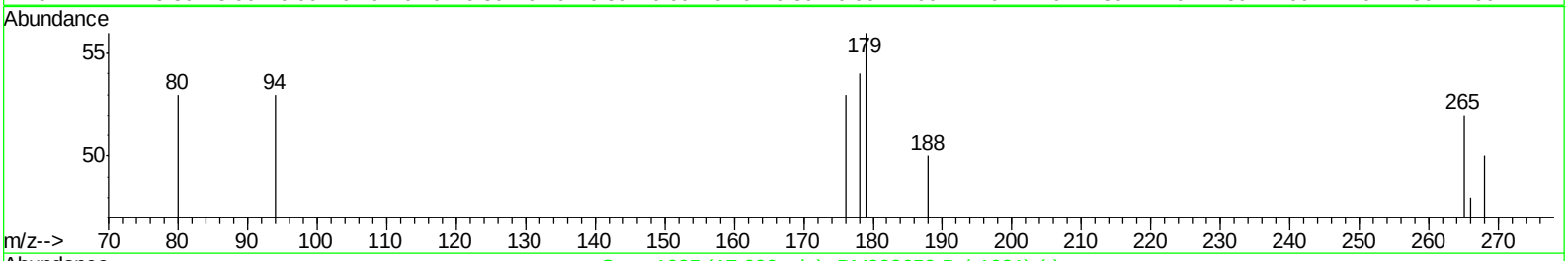

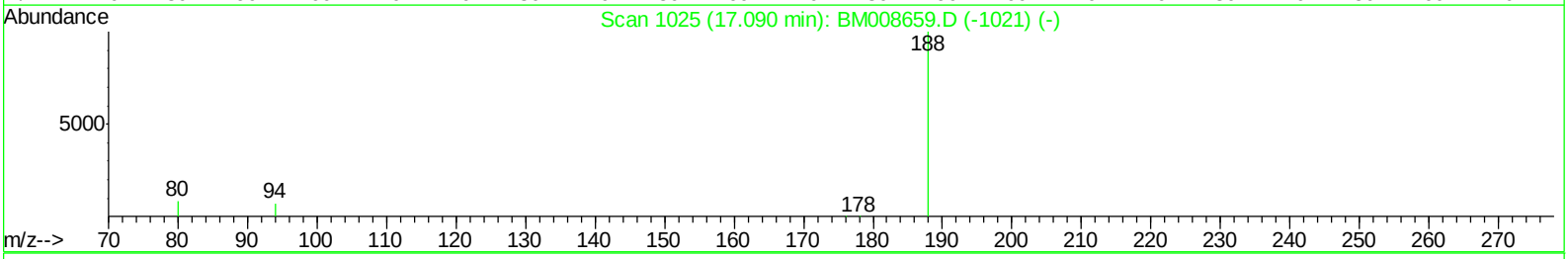

TIC: BM008665.D

(10) Phenanthrene-d10 (I)

16.730min (-0.360) 0.40ng/ul

response 2

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	106.00#
80.00	11.80	106.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Dec 26 03:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
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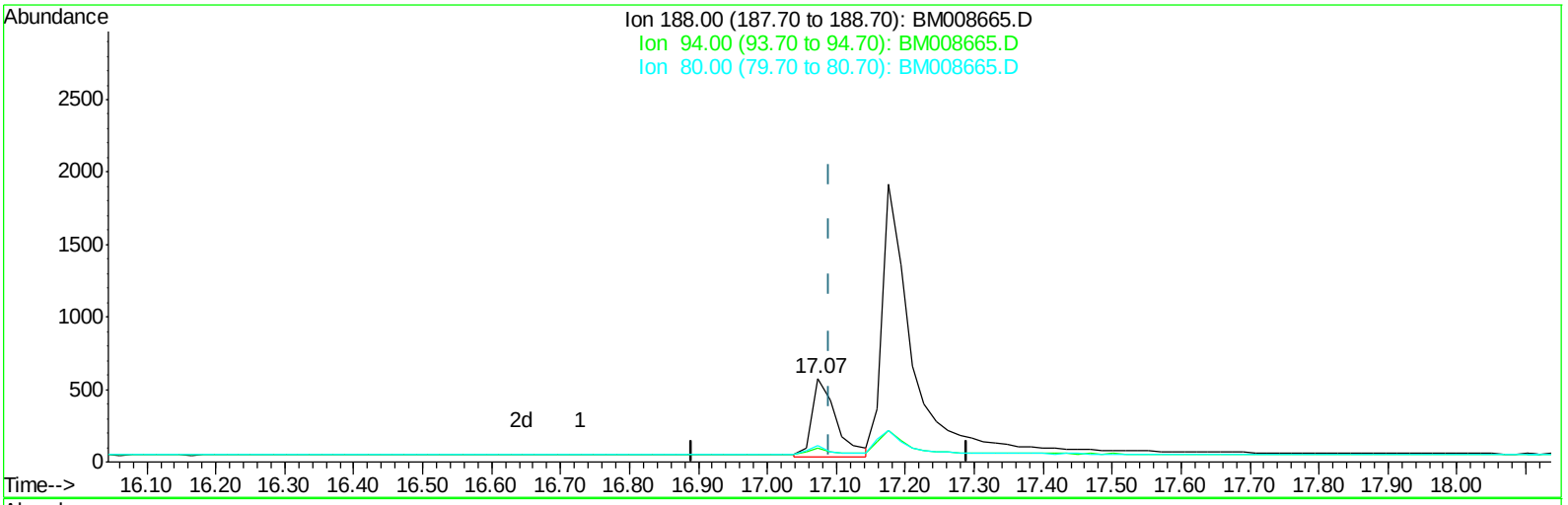
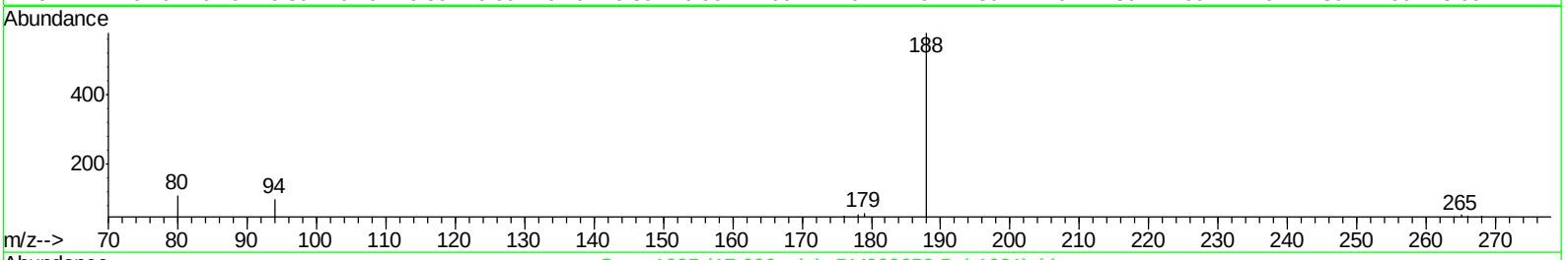
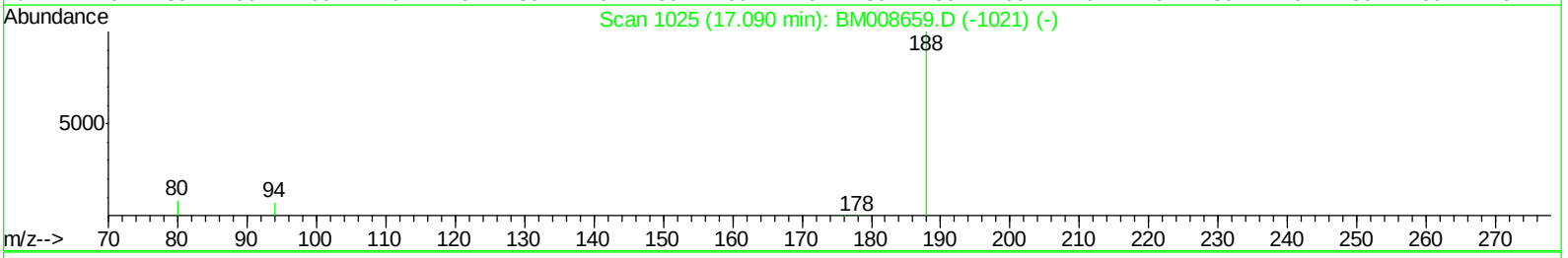
12/26/2016 6:29:38 PM







TIC: BM008665.D

(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m

response 1335

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	17.10#
80.00	11.80	19.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Dec 26 03:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
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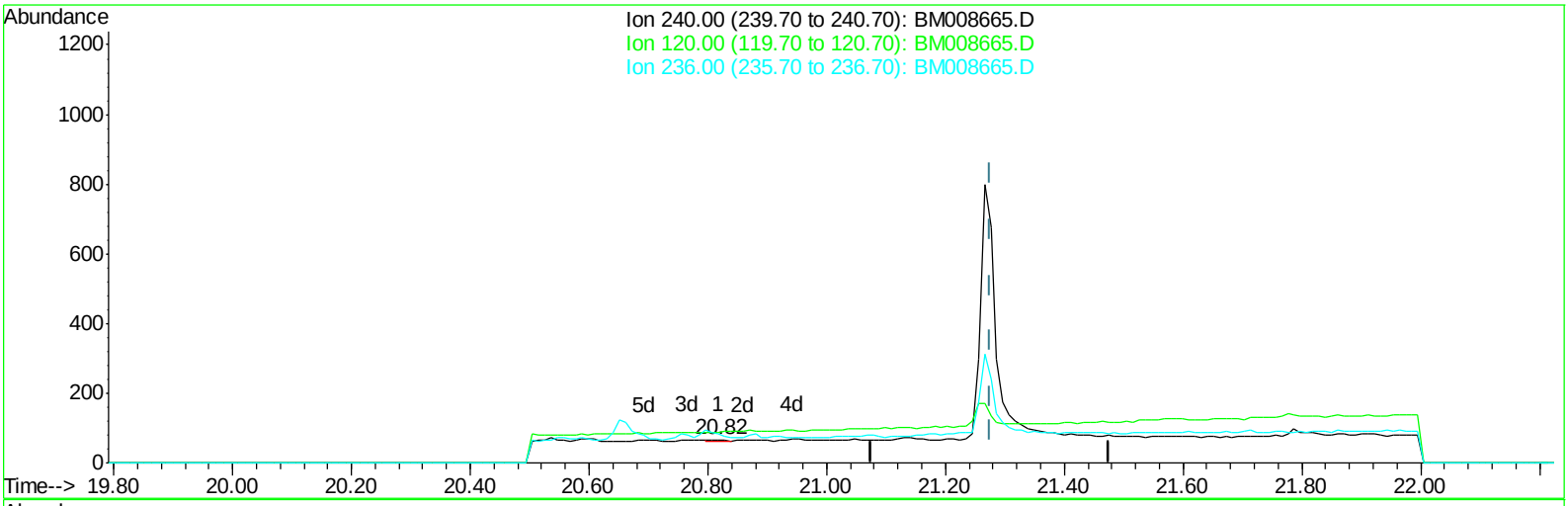

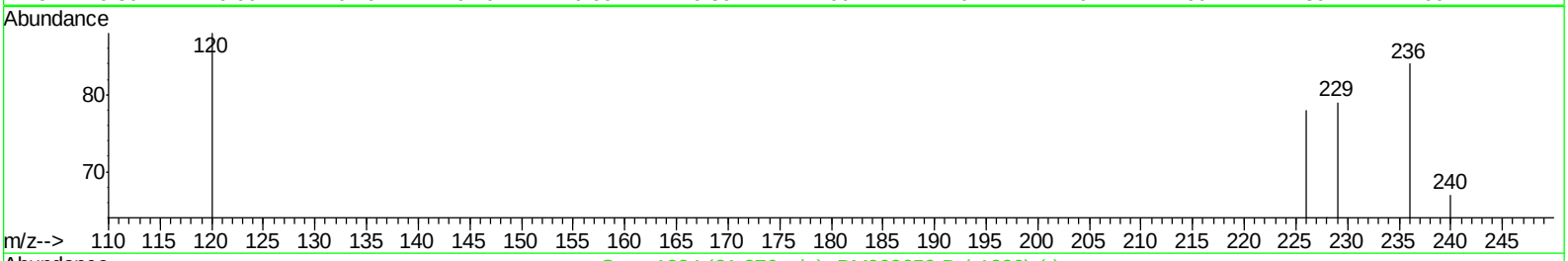

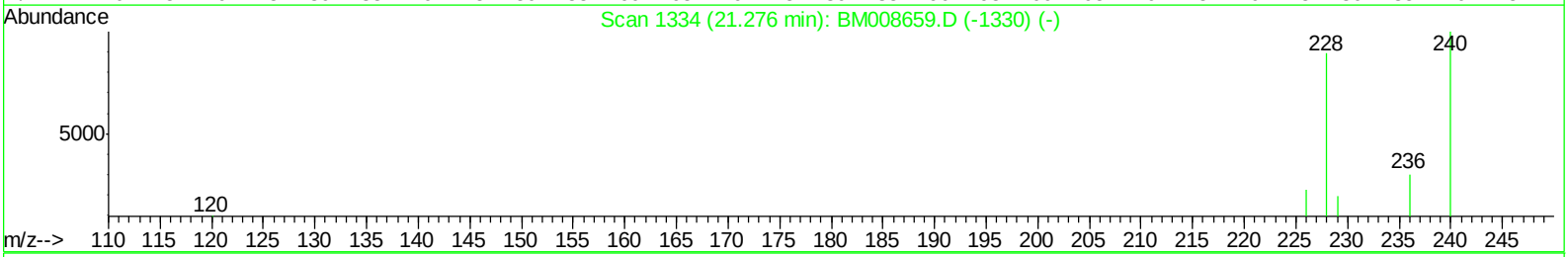

TIC: BM008665.D

(16) Chrysene-d12 (I)

20.818min (-0.459) 0.40ng/ul

response 4

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	131.34#
236.00	34.90	125.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Dec 26 03:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
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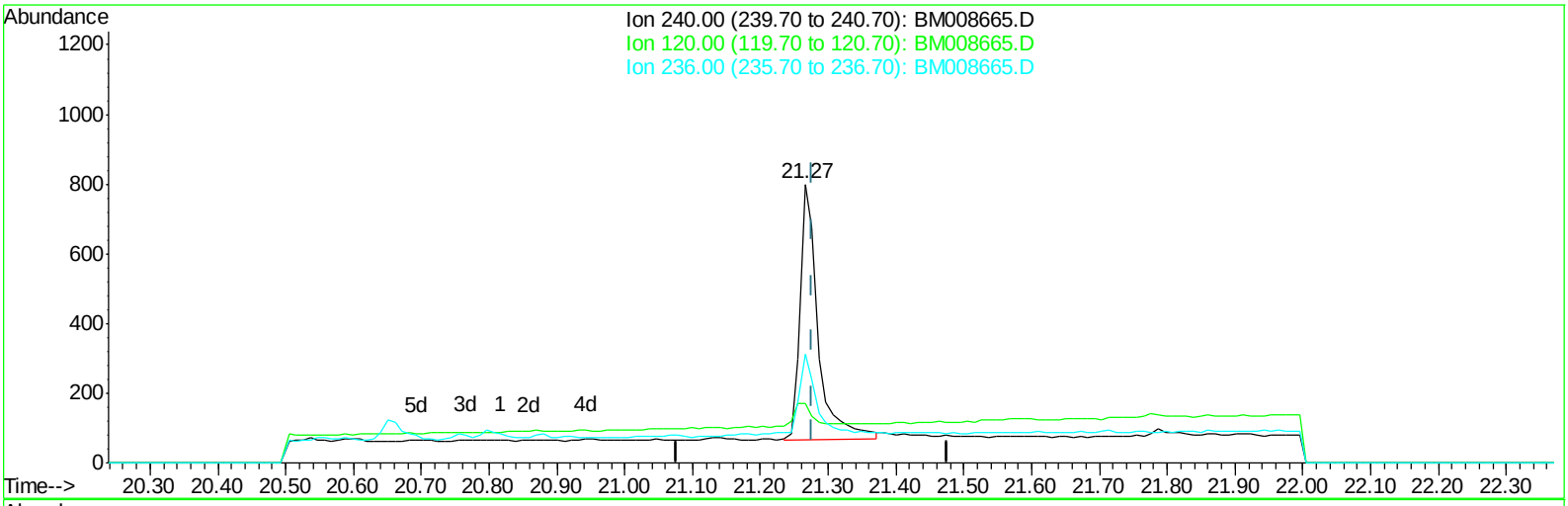
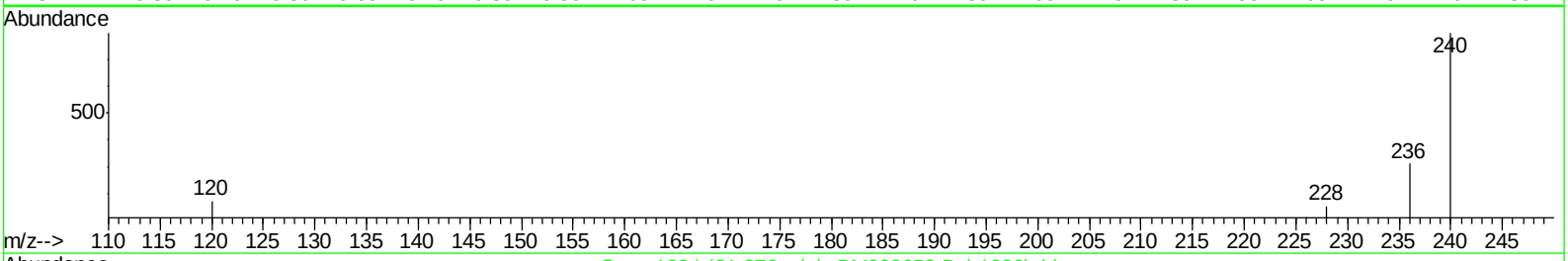
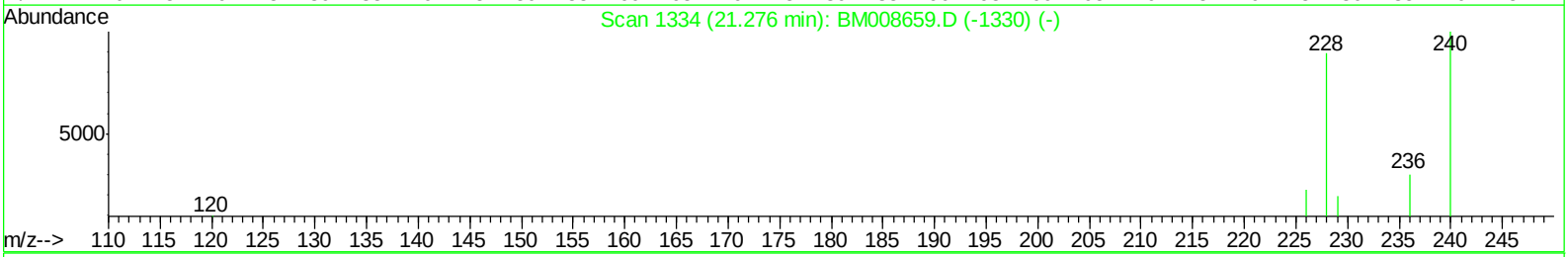
12/26/2016 6:29:38 PM







TIC: BM008665.D

(16) Chrysene-d12 (I)

21.266min (-0.010) 0.40ng/ul m

response 1378

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	21.53
236.00	34.90	39.05
0.00	0.00	0.00

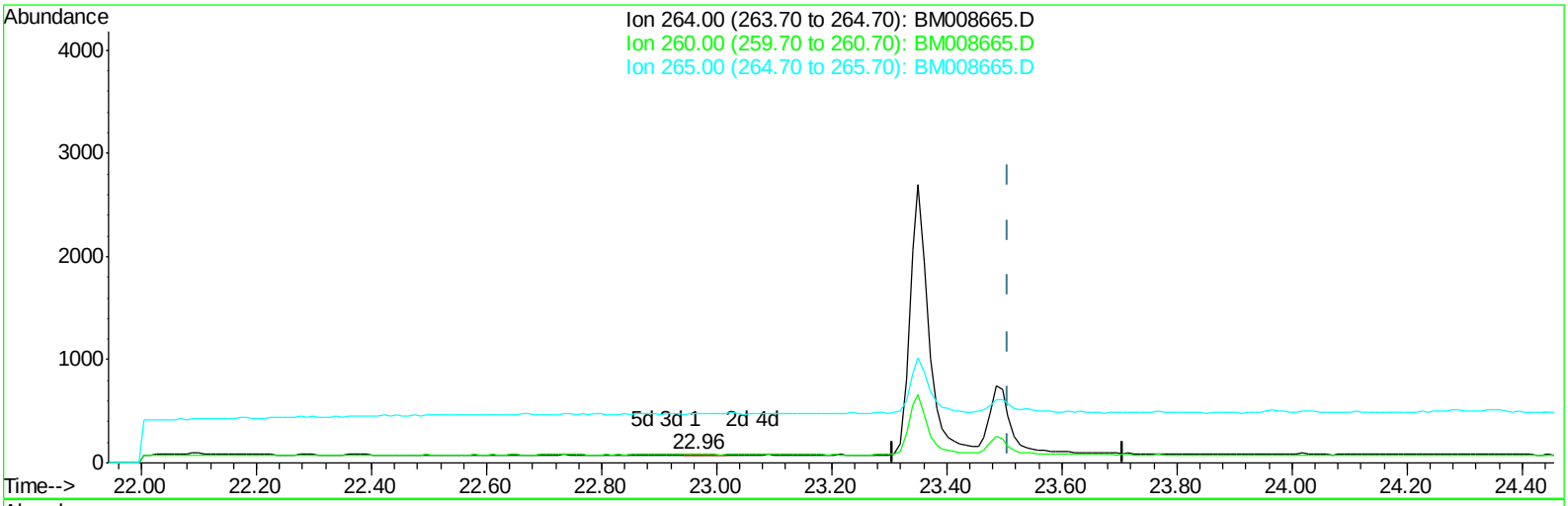
Quantitation Report (Qedit)

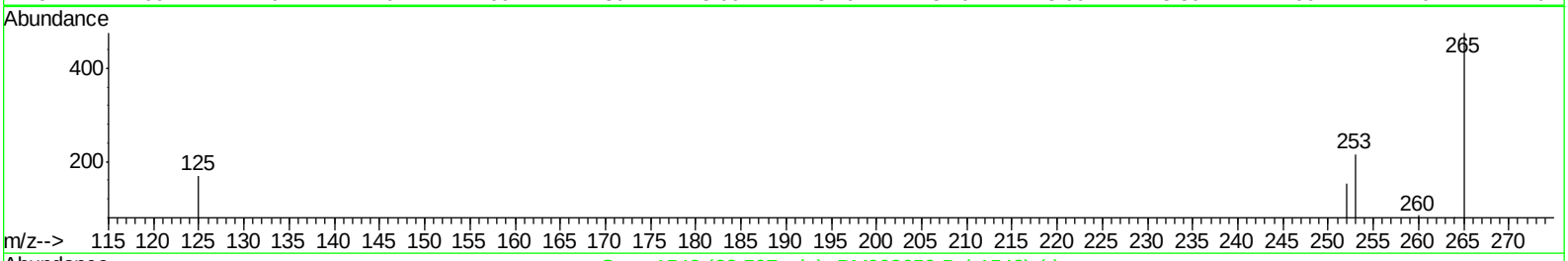
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

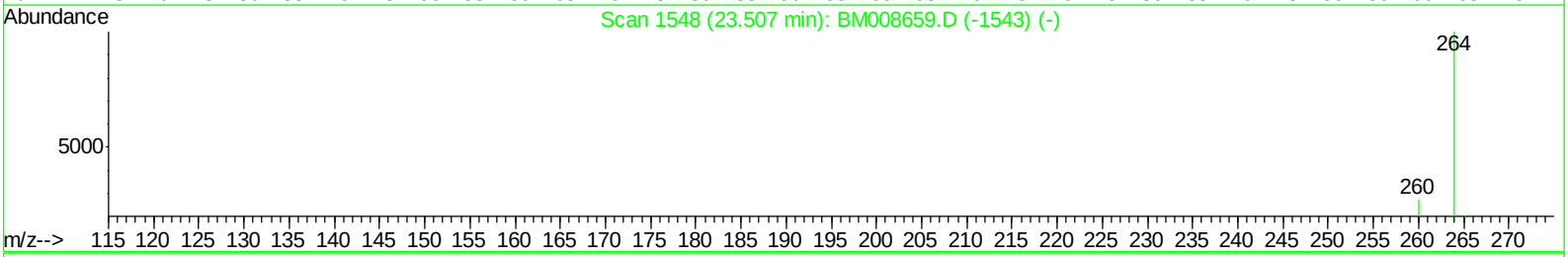
Quant Time: Dec 26 03:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:38 PM







TIC: BM008665.D

(20) Perylene-d12 (I)

22.965min (-0.542) 0.40ng/ul

response 8

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	106.33#
265.00	103.50	602.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Dec 26 03:28:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
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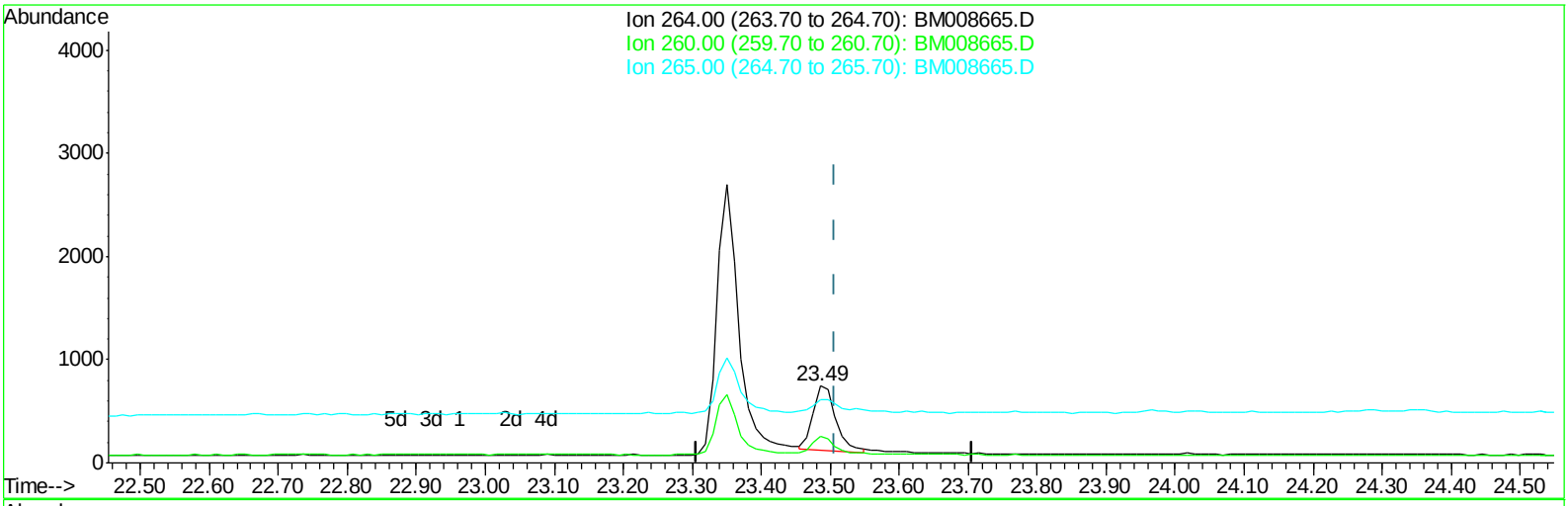
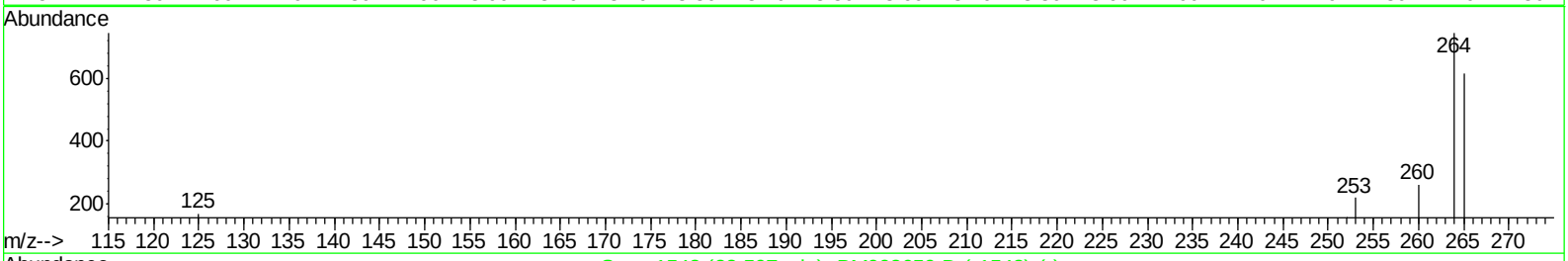
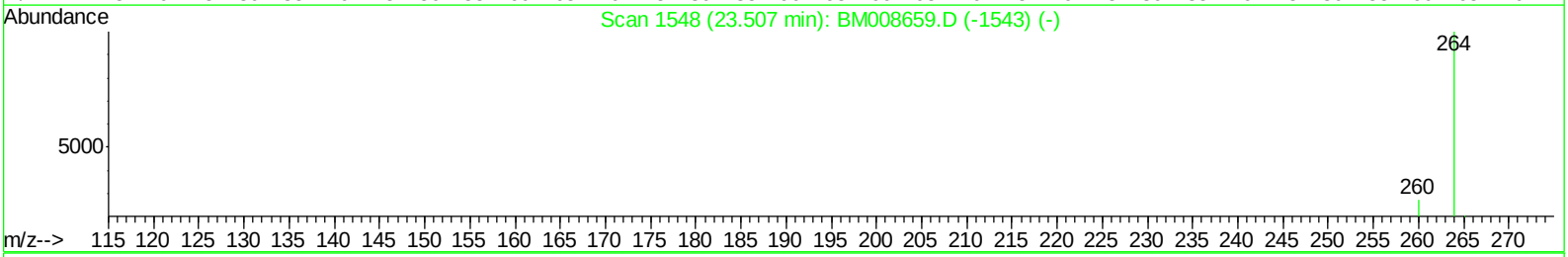
12/26/2016 6:29:38 PM







TIC: BM008665.D

(20) Perylene-d12 (I)

23.486min (-0.021) 0.40ng/ul m

response 1464

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	35.40
265.00	103.50	82.91
0.00	0.00	0.00

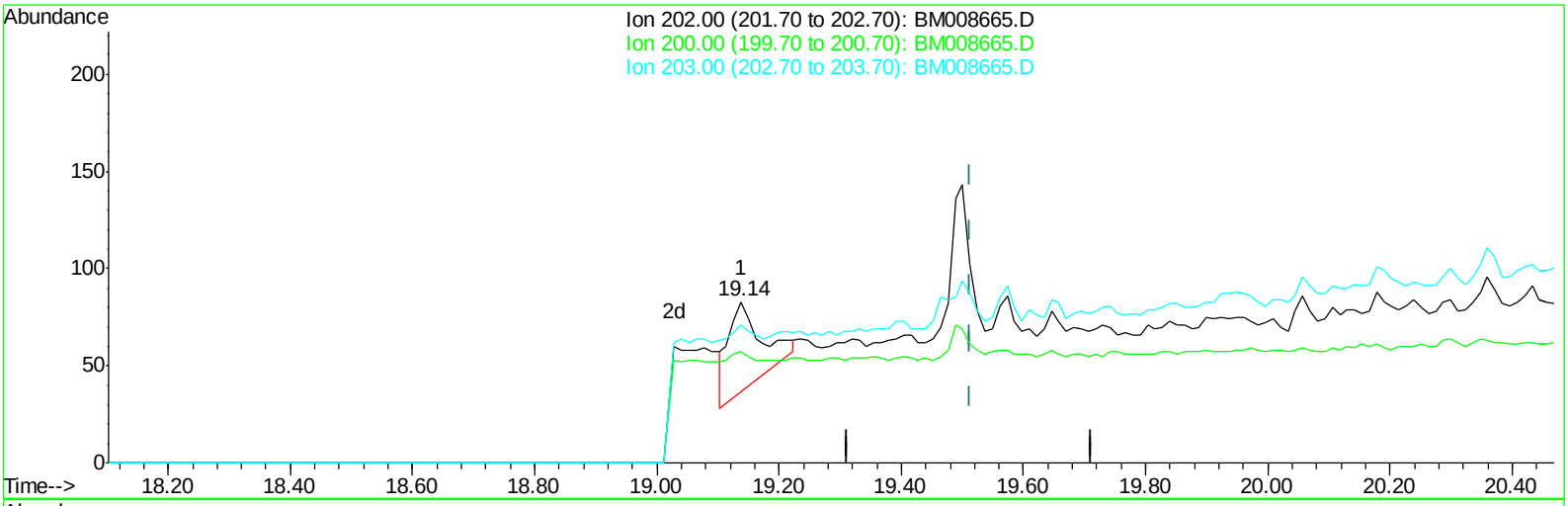
Quantitation Report (Qedit)

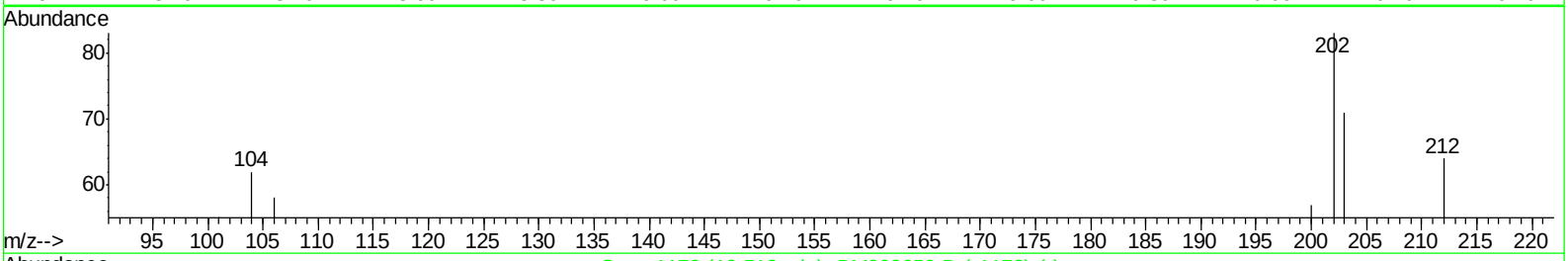
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

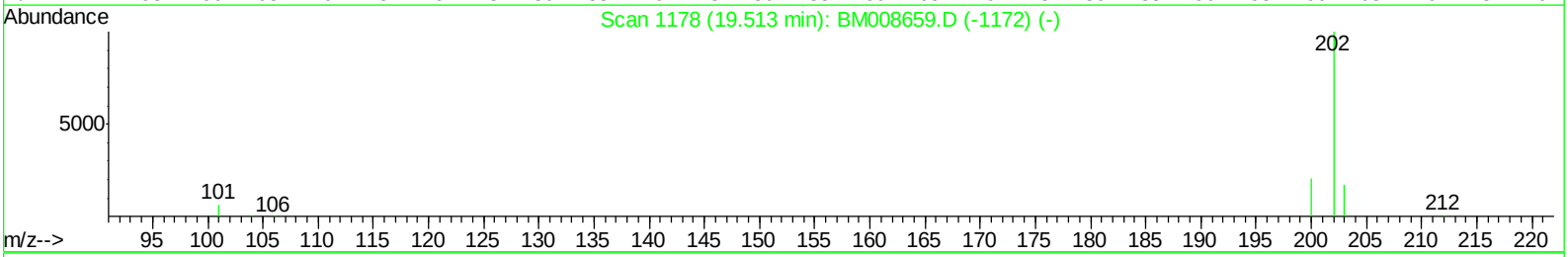
Quant Time: Dec 26 04:26:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:38 PM







TIC: BM008665.D

(17) Pyrene

19.137min (-0.375) 0.03ng/ul

response 174

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	68.67#
203.00	19.50	85.54#
0.00	0.00	0.00

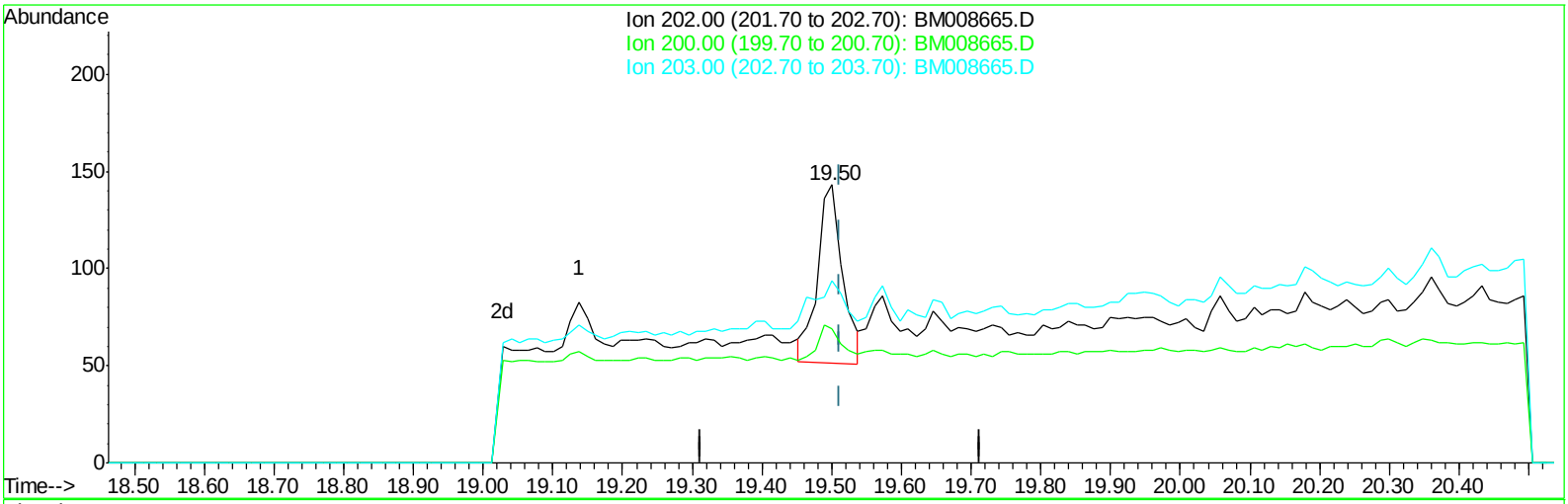
Quantitation Report (Qedit)

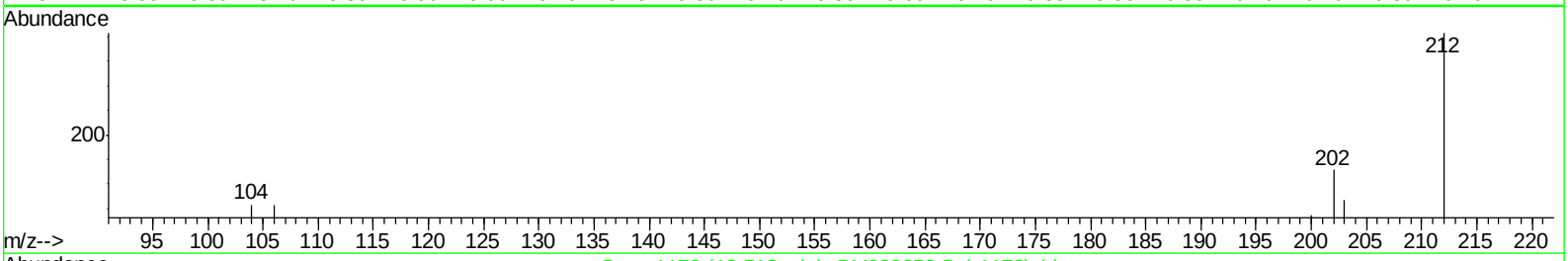
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

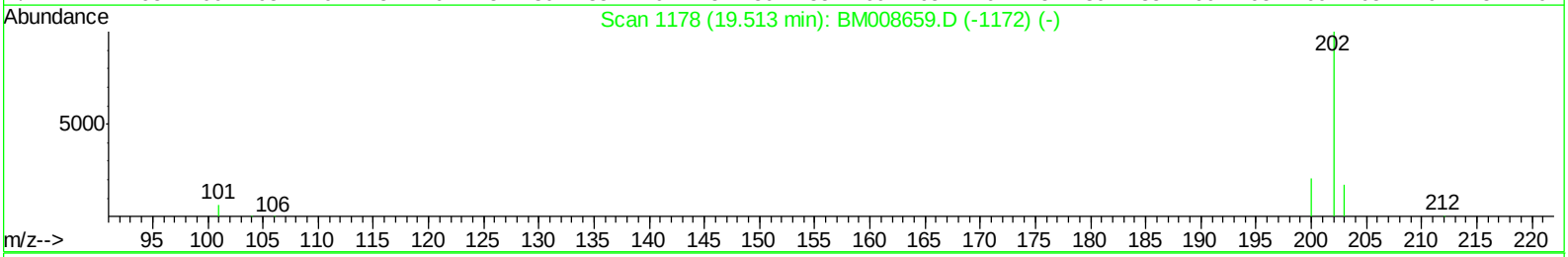
Quant Time: Dec 26 04:26:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:38 PM







TIC: BM008665.D

(17) Pyrene

19.501min (-0.012) 0.04ng/ul m

response 234

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	48.25#
203.00	19.50	65.73#
0.00	0.00	0.00

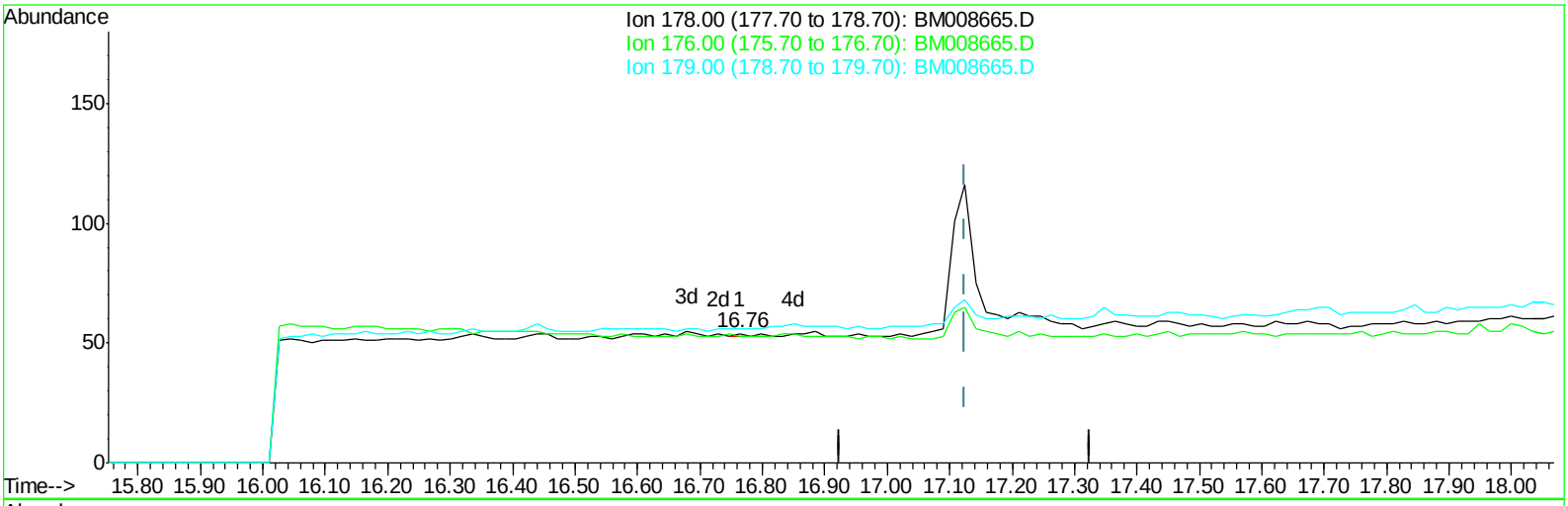
Quantitation Report (Qedit)

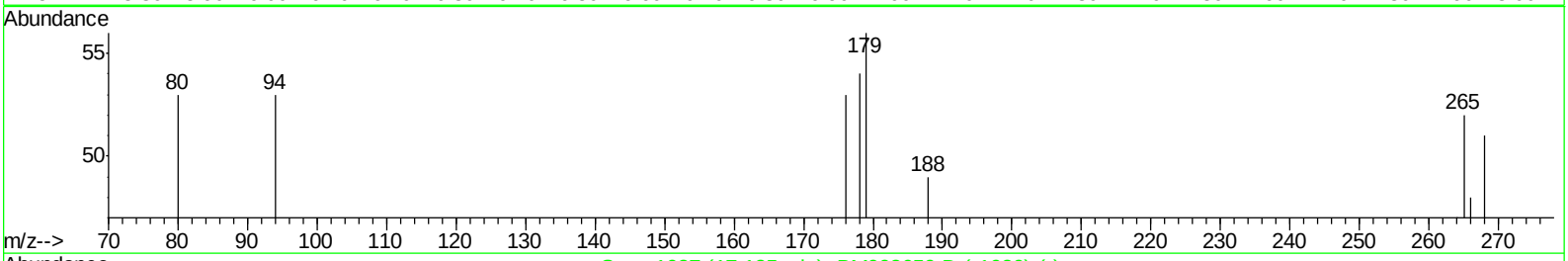
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

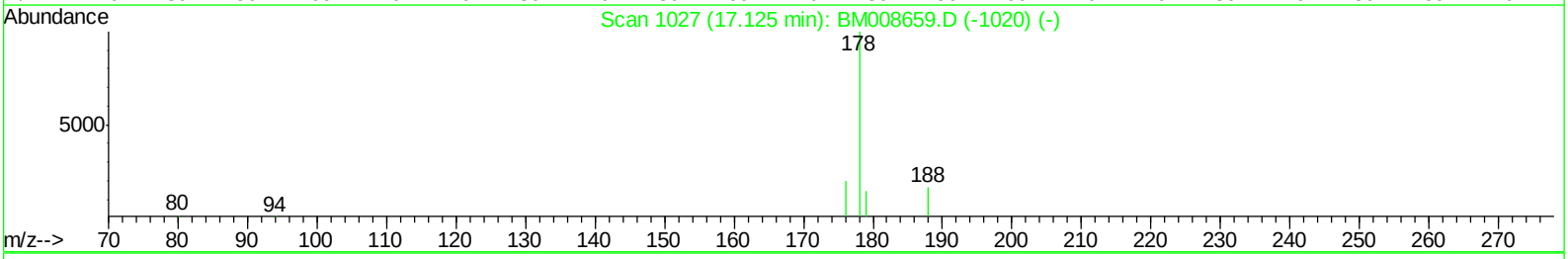
Quant Time: Dec 26 04:28:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:38 PM







TIC: BM008665.D

(12) Phenanthrene

16.764min (-0.360) 0.00ng/ul

response 2

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	98.15#
179.00	17.00	103.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Dec 26 04:28:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
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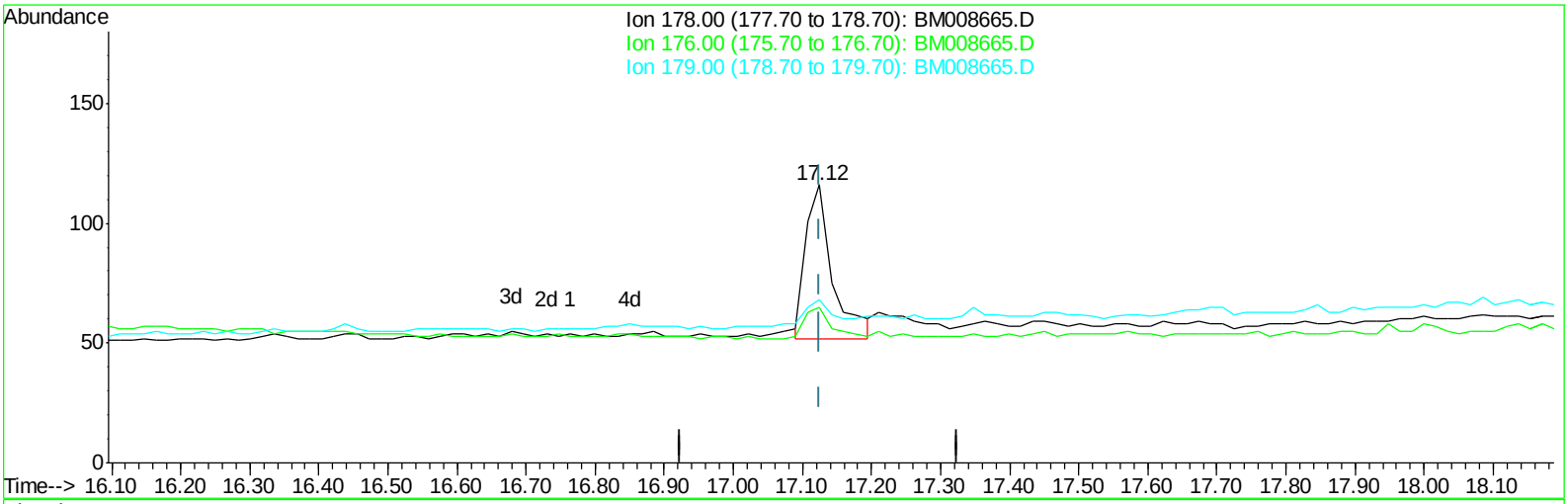

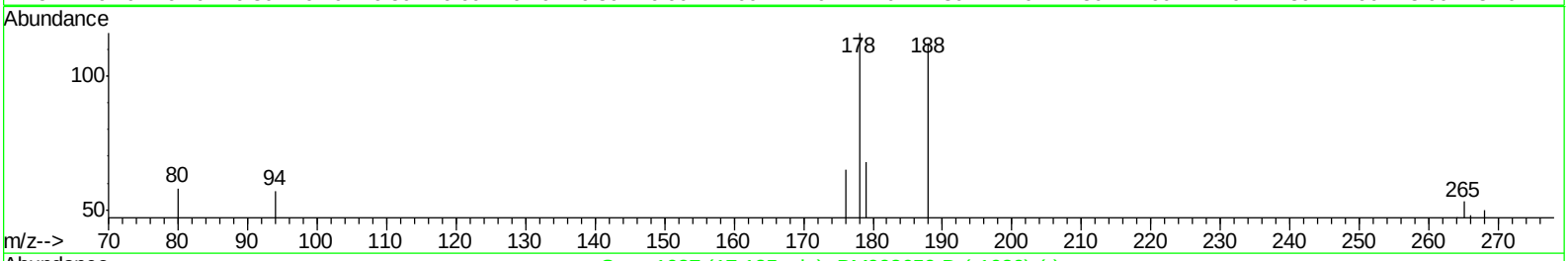

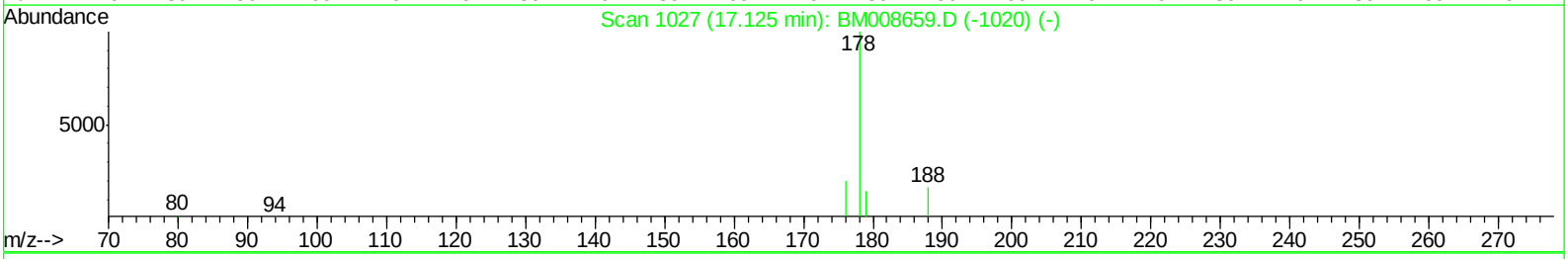

TIC: BM008665.D

(12) Phenanthrene

17.125min (-0.000) 0.04ng/ul m

response 170

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	56.03#
179.00	17.00	58.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Dec 26 04:29:06 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
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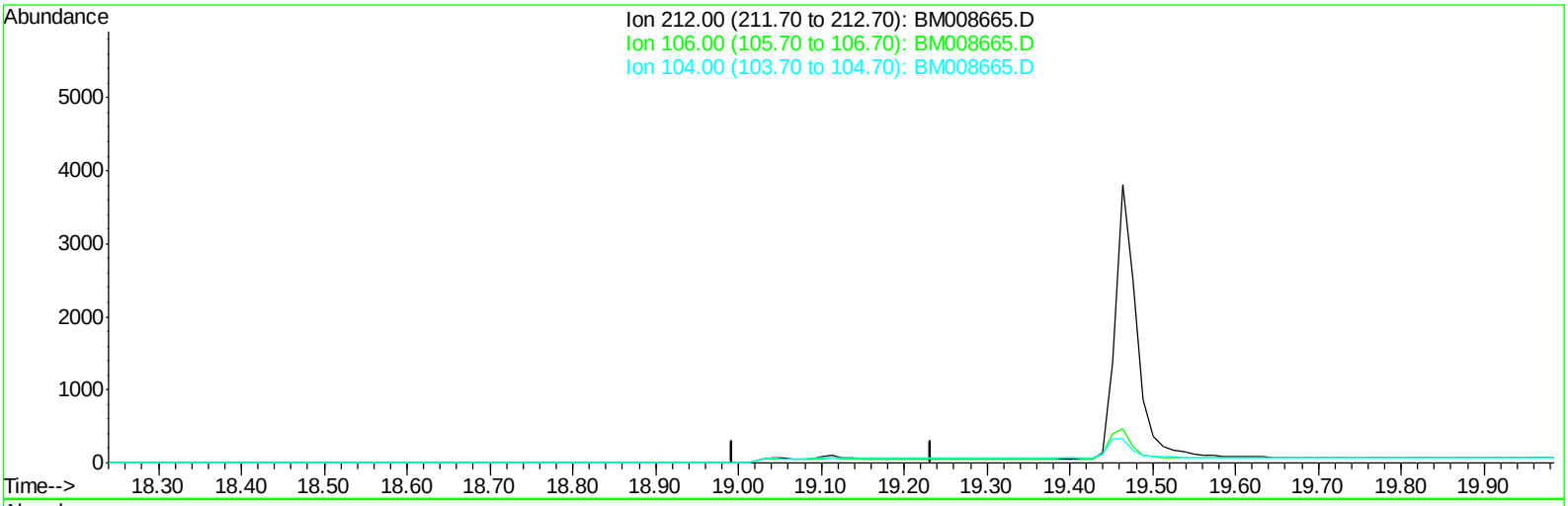

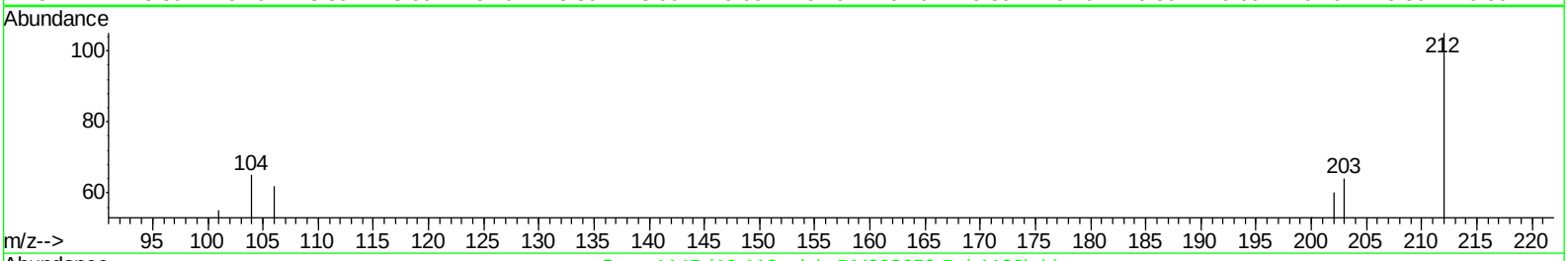

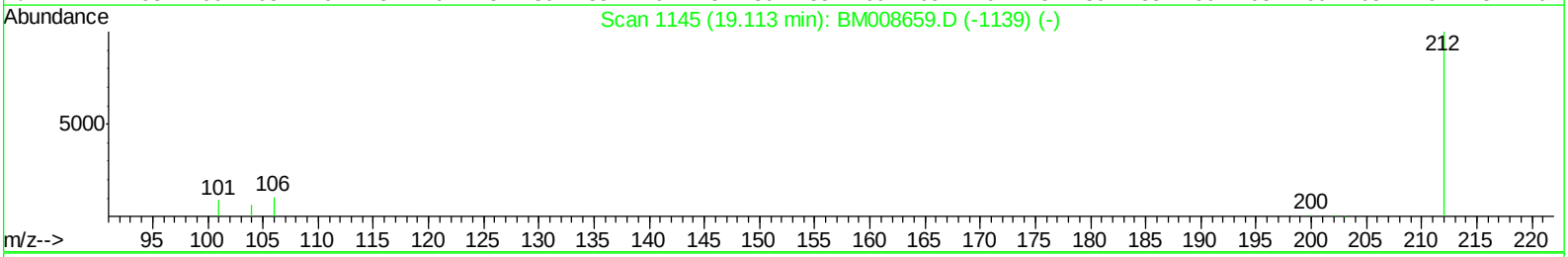

TIC: BM008665.D

(14) Fluoranthene-d10 (SURR)

19.113min (-19.113) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Dec 26 04:29:06 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
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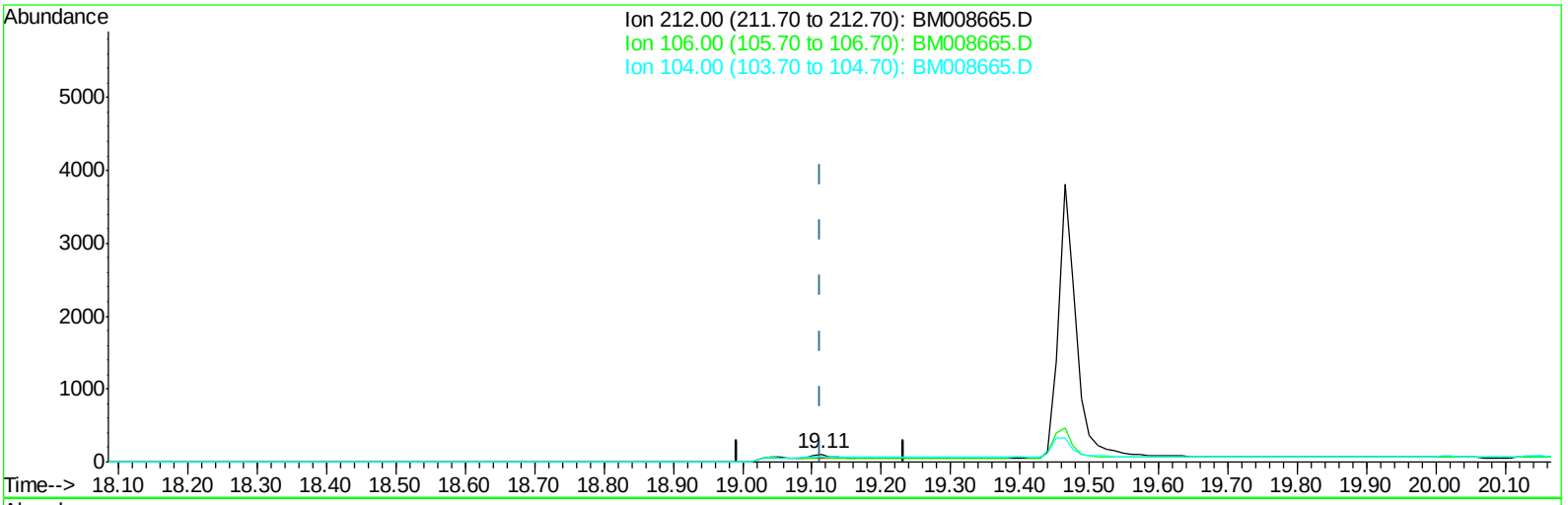

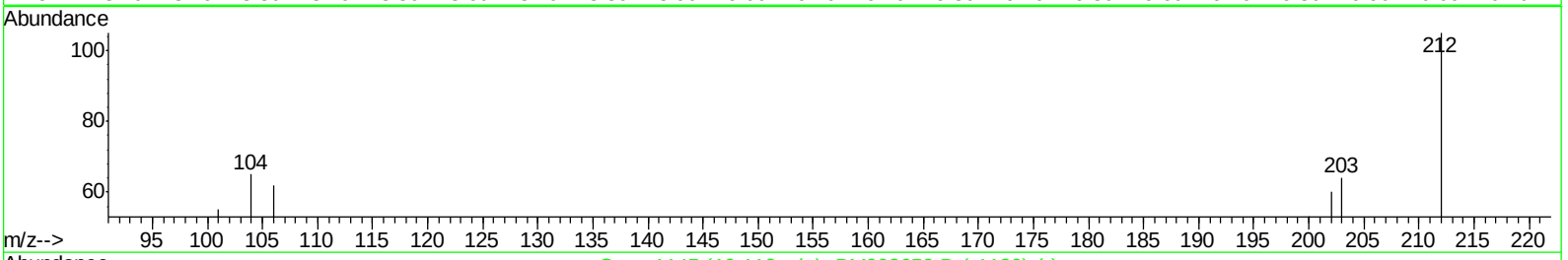

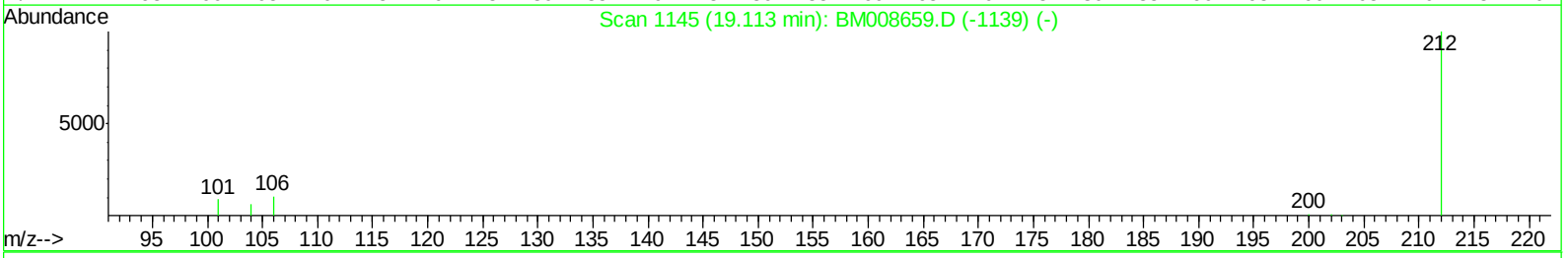

TIC: BM008665.D

(14) Fluoranthene-d10 (SURR)

19.113min (-0.000) 0.03ng/ul m

response 105

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W8DL

Manual Integrations APPROVED
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12/26/2016 6:29:38 PM

Quant Time: Dec 26 04:30:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	398	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.51	136	1337m	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	779m	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1335m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1378m	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	1464m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2	0.00	ng/ul	-0.16
14) Fluoranthene-d10	19.11	212	105m	0.03	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.12	178	170m	0.04	ng/ul	
17) Pyrene	19.50	202	234m	0.04	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008665.D
Acq On : 25 Dec 2016 11:22
Operator : UM/SJ
Sample : H6040-15DL 5X
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Quant Time: Dec 26 04:30:35 2016
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ClientSampleId :
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Manual Integrations APPROVED
sohil
12/26/2016 6:29:38 PM