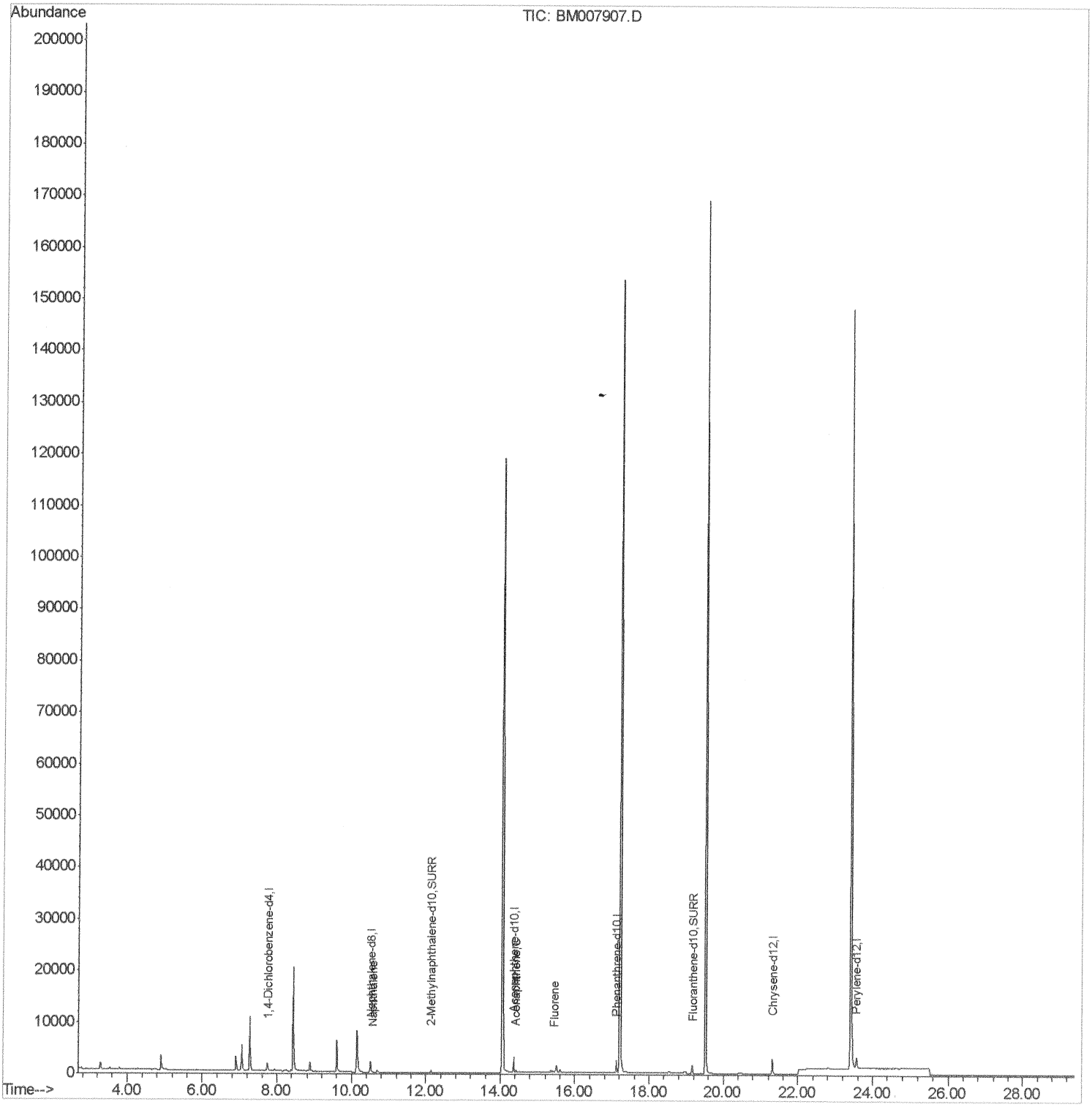
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007907.D
Acq On : 15 Nov 2016 23:41
Operator : UM/SJ
Sample : H5612-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 16 08:17:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H08

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:05 PM

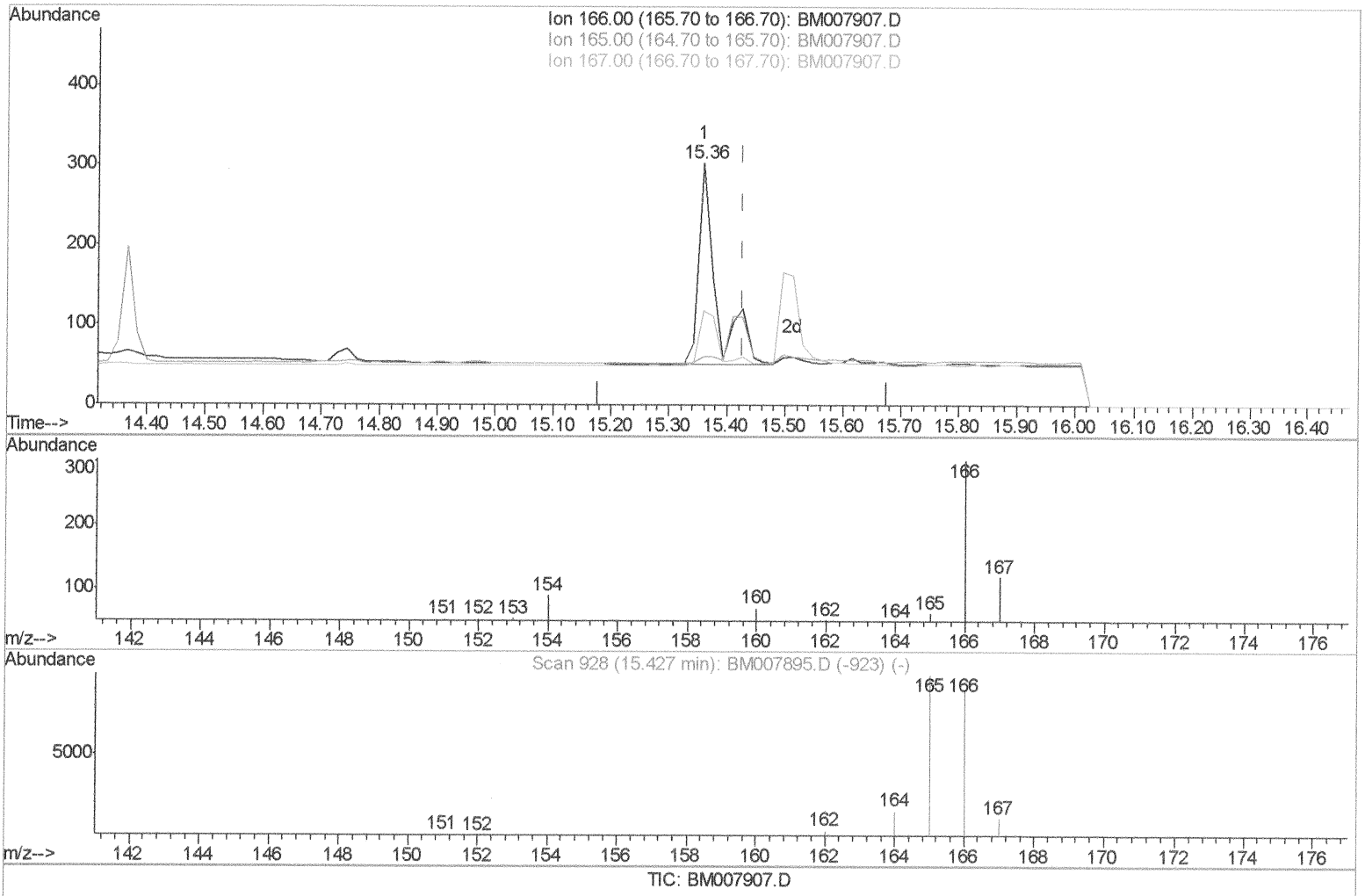


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007907.D
Acq On : 15 Nov 2016 23:41
Operator : UM/SJ
Sample : H5612-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 16 07:46:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H08

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:05 PM



TIC: BM007907.D

(9) Fluorene

15.359min (-0.069) 0.08ng/ul

response 543

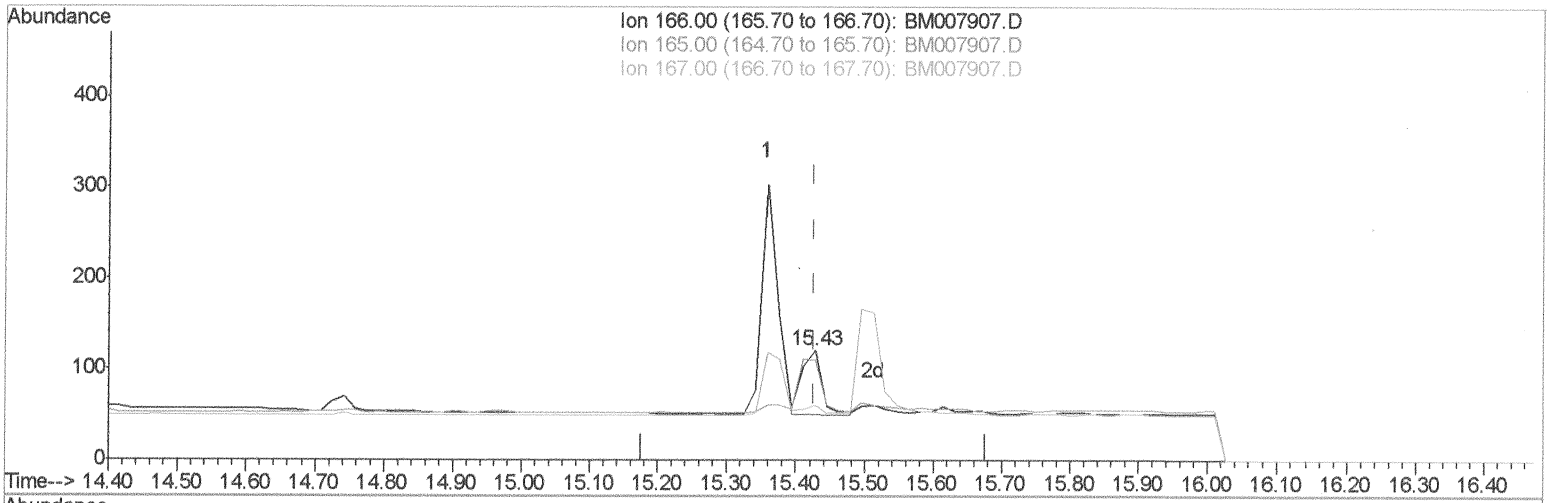
Ion	Exp%	Act%
166.00	100	100
165.00	91.80	20.13#
167.00	18.30	38.94#
0.00	0.00	0.00

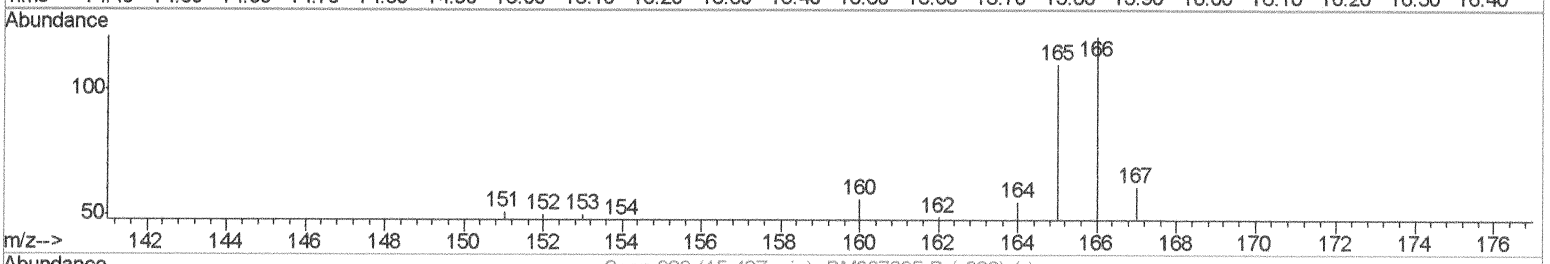
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007907.D
Acq On : 15 Nov 2016 23:41
Operator : UM/SJ
Sample : H5612-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

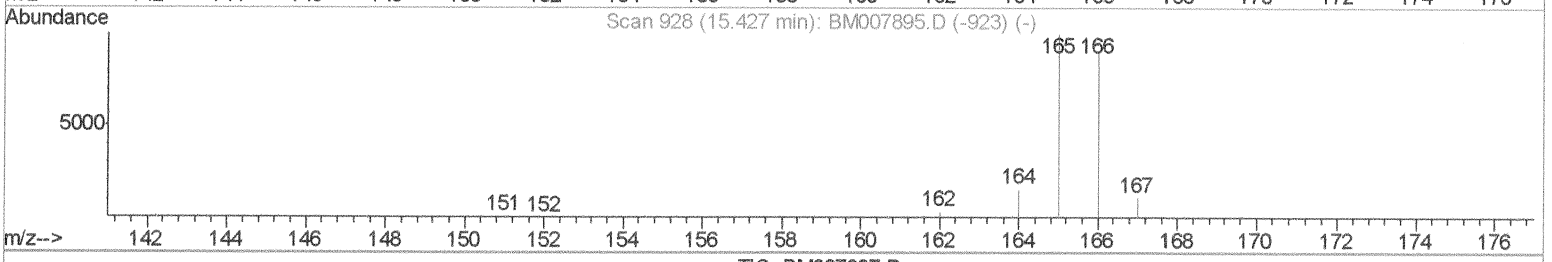
Quant Time: Nov 16 07:46:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H08

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:05 PM







TIC: BM007907.D

(9) Fluorene

15.427min (-0.000) 0.02ng/ul m SJ 11/16/16

response 144

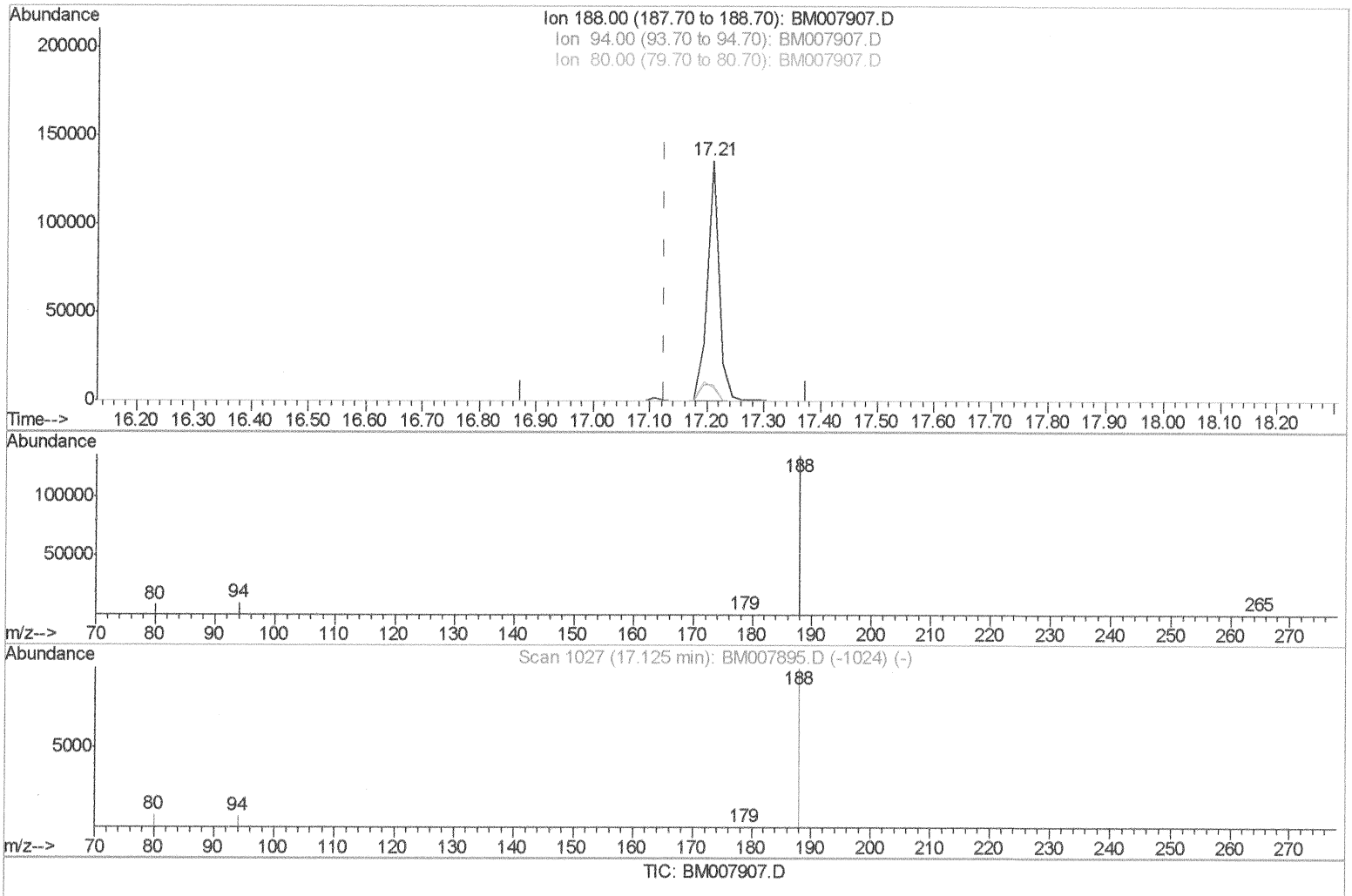
Ion	Exp%	Act%
166.00	100	100
165.00	91.80	90.91
167.00	18.30	50.41#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007907.D
Acq On : 15 Nov 2016 23:41
Operator : UM/SJ
Sample : H5612-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 16 07:46:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H08

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:05 PM



TIC: BM007907.D

(10) Phenanthrene-d10 (I)

17.210min (+0.086) 0.40ng/ul

response 198417

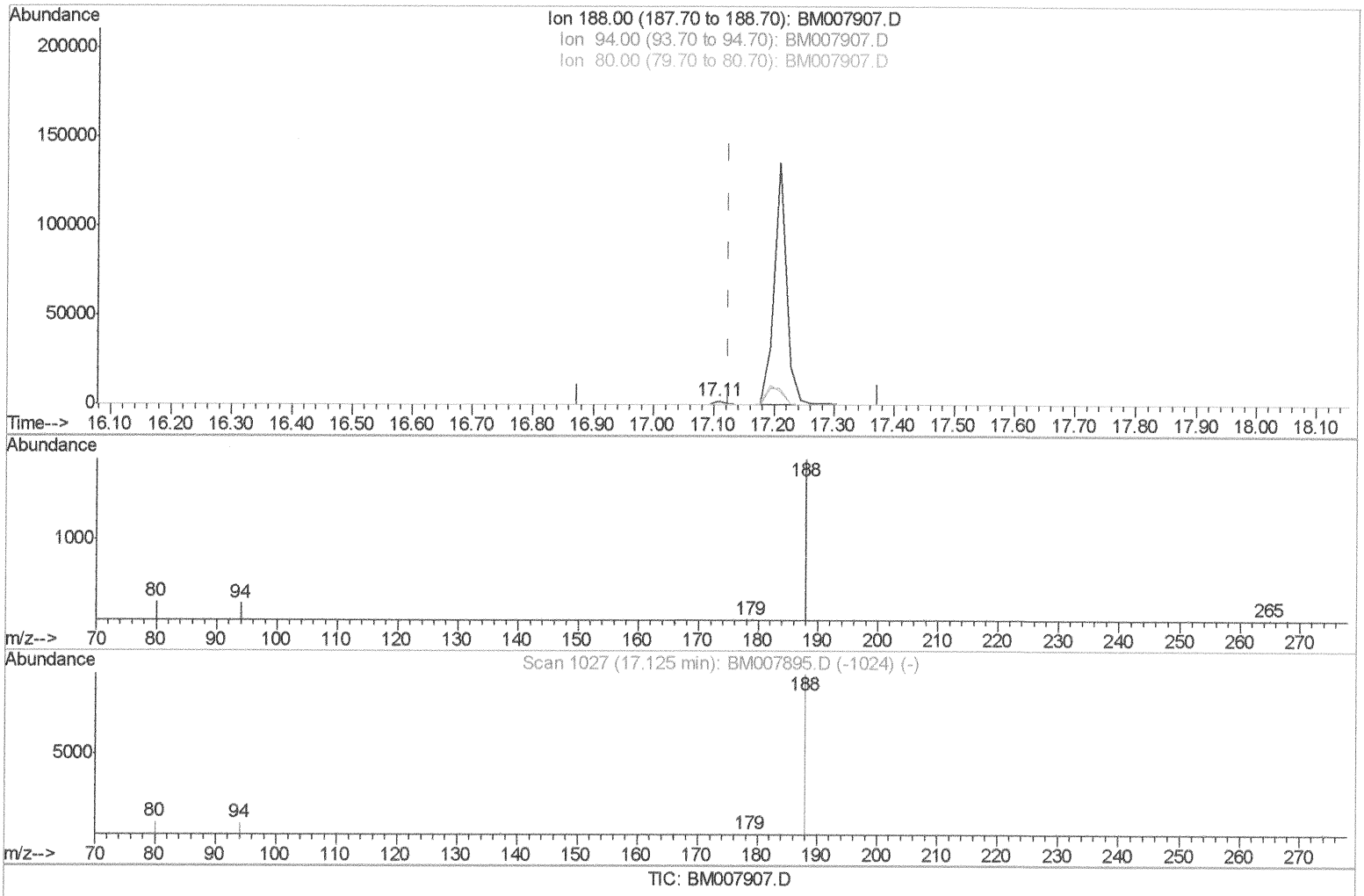
Ion	Exp%	Act%
188.00	100	100
94.00	11.00	6.98#
80.00	11.80	6.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007907.D
Acq On : 15 Nov 2016 23:41
Operator : UM/SJ
Sample : H5612-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 16 07:46:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H08

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:05 PM



(10) Phenanthrene-d10 (I)

17.108min (-0.017) 0.40ng/ul m SJ 11/16/16

response 3070

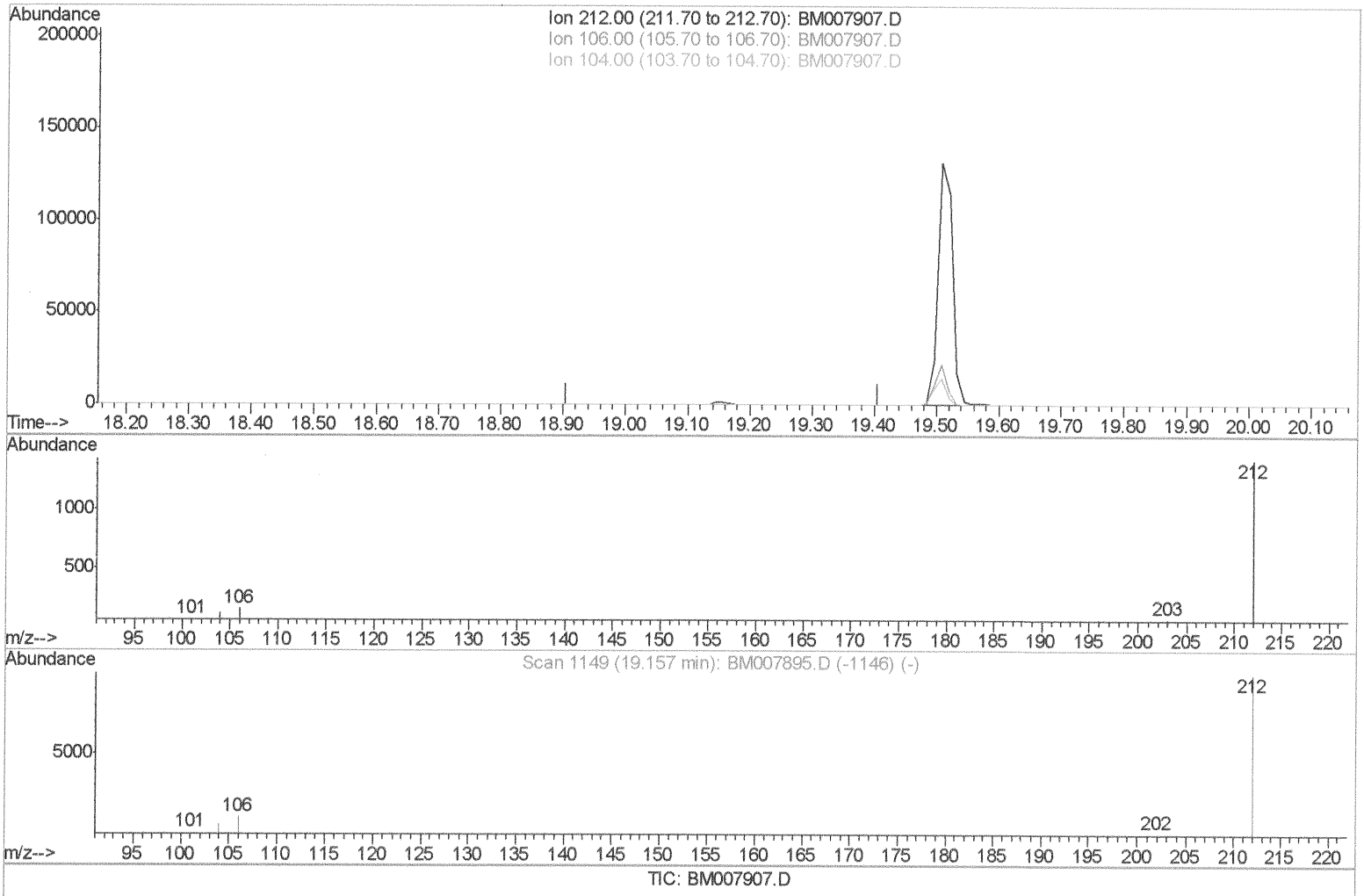
Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.29
80.00	11.80	13.32
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007907.D
Acq On : 15 Nov 2016 23:41
Operator : UM/SJ
Sample : H5612-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 16 08:15:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H08

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:05 PM



TIC: BM007907.D

(14) Fluoranthene-d10 (SURR)

19.157min (-19.157) 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

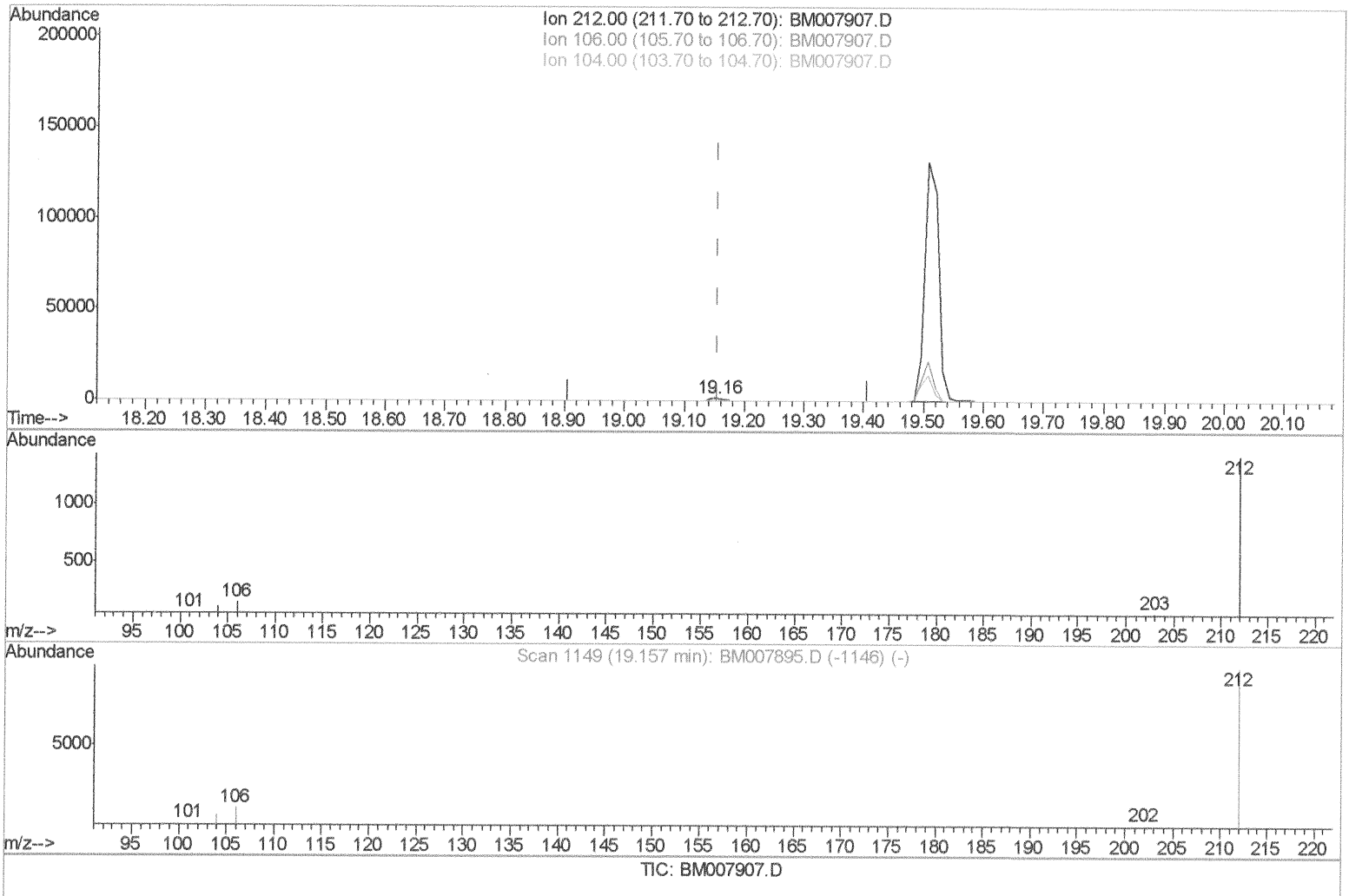
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007907.D
Acq On : 15 Nov 2016 23:41
Operator : UM/SJ
Sample : H5612-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 16 08:15:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H08

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:05 PM



TIC: BM007907.D

(14) Fluoranthene-d10 (SURR)

19.157min (-0.000) 0.33ng/ul m SJ 11/16/16

response 2297

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

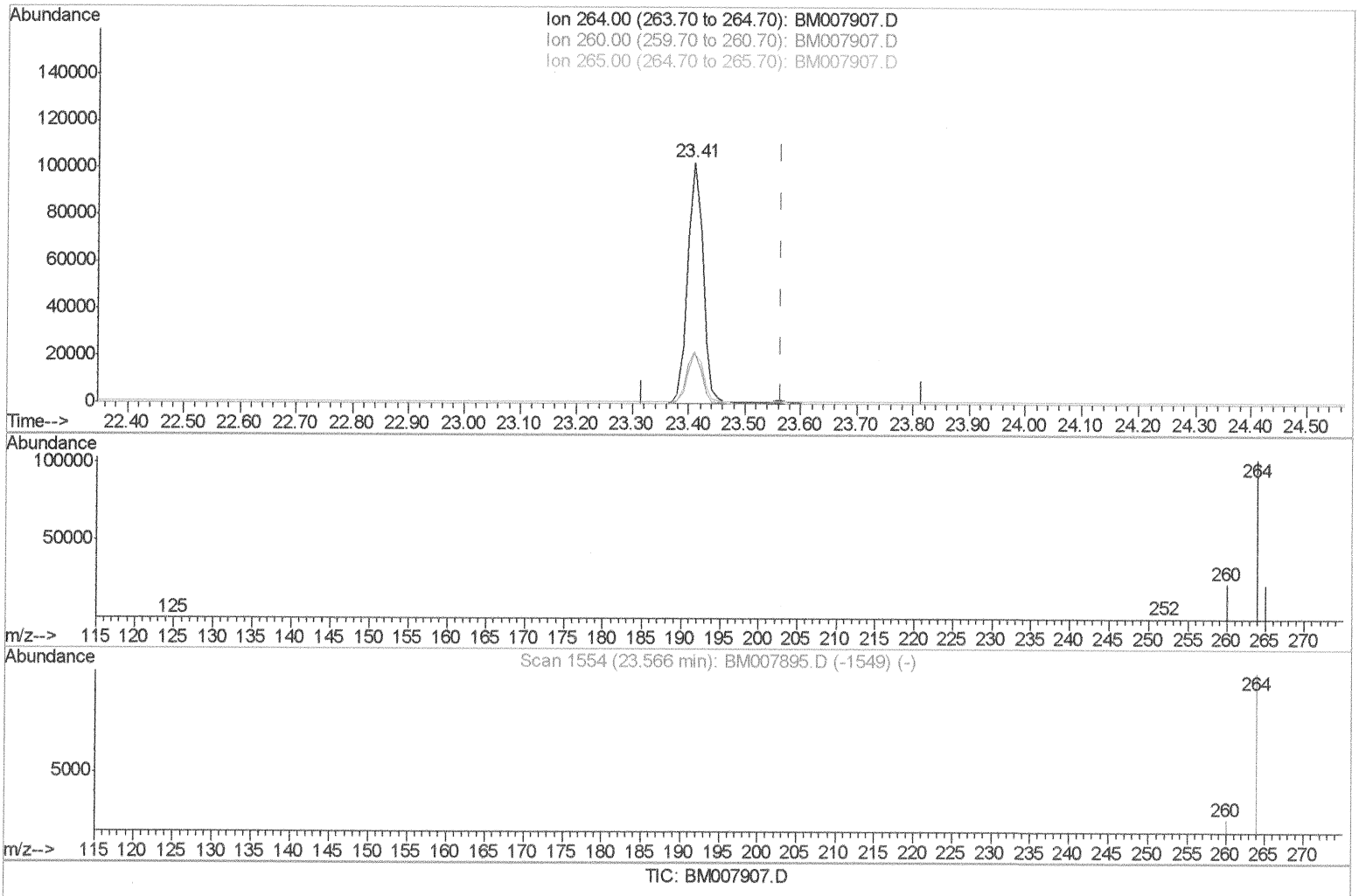
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007907.D
Acq On : 15 Nov 2016 23:41
Operator : UM/SJ
Sample : H5612-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 16 08:15:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H08

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:05 PM



TIC: BM007907.D

(20) Perylene-d12 (I)

23.410min (-0.156) 0.40ng/ul

response 196490

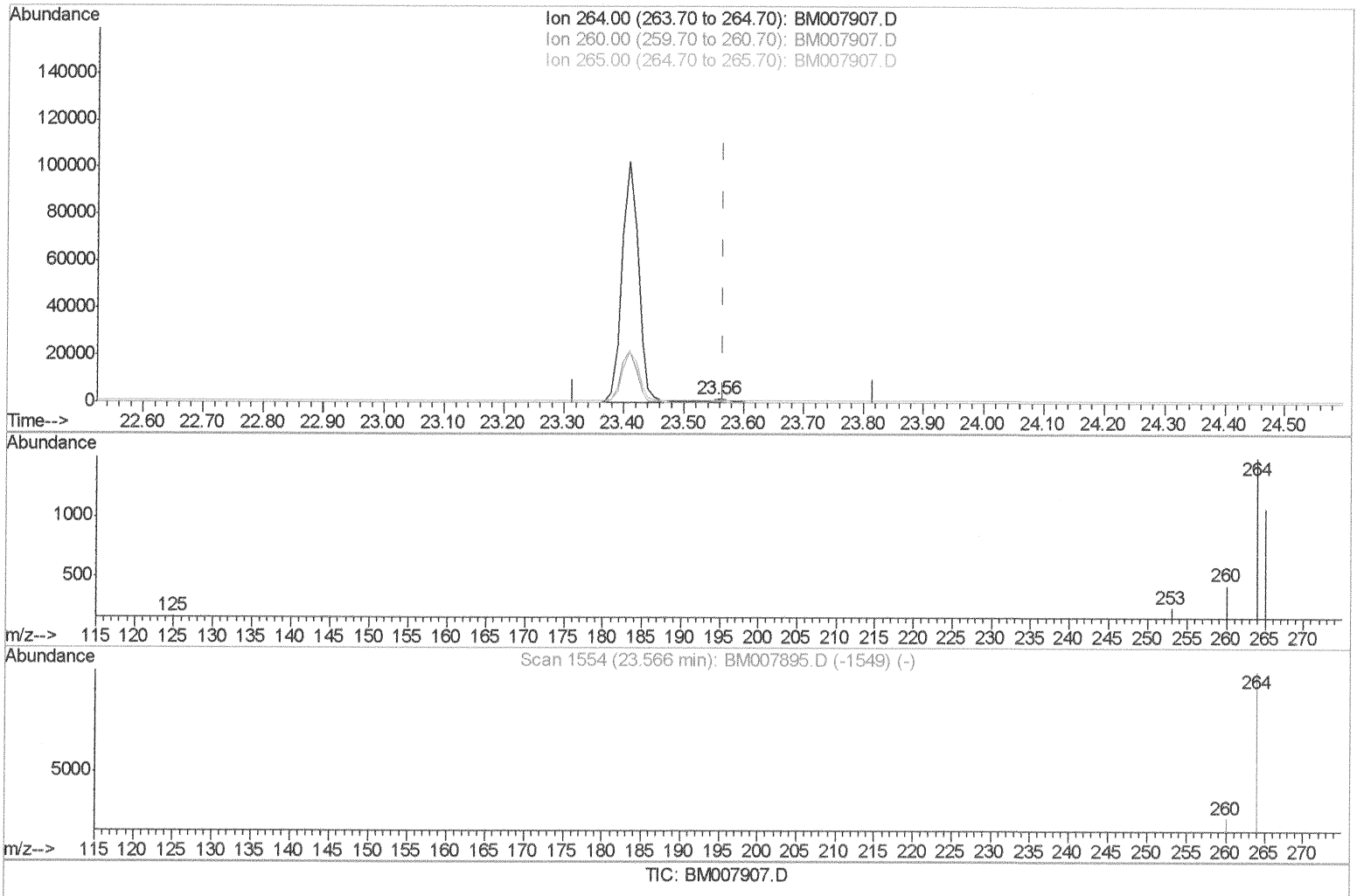
Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.04#
265.00	103.50	21.51#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007907.D
Acq On : 15 Nov 2016 23:41
Operator : UM/SJ
Sample : H5612-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 16 08:15:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H08

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:05 PM



TIC: BM007907.D

(20) Perylene-d12 (I)

23.556min (-0.011) 0.40ng/ul m SJ 11/16/16

response 2572

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.92
265.00	103.50	71.41#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007907.D
Acq On : 15 Nov 2016 23:41
Operator : UM/SJ
Sample : H5612-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2H08

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:05 PM

Quant Time: Nov 16 08:17:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	904	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	2910	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1677	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	3070m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.31	240	3159	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	2572m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	1108	0.32	ng/ul	0.01
14) Fluoranthene-d10	19.16	212	2297m	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	284	0.04	ng/ul#	55
8) Acenaphthene	14.42	153	179	0.03	ng/ul#	87
9) Fluorene	15.43	166	144m	0.02	ng/ul	

SJ 11/16/16

SJ 11/16/16

SJ 11/16/16

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