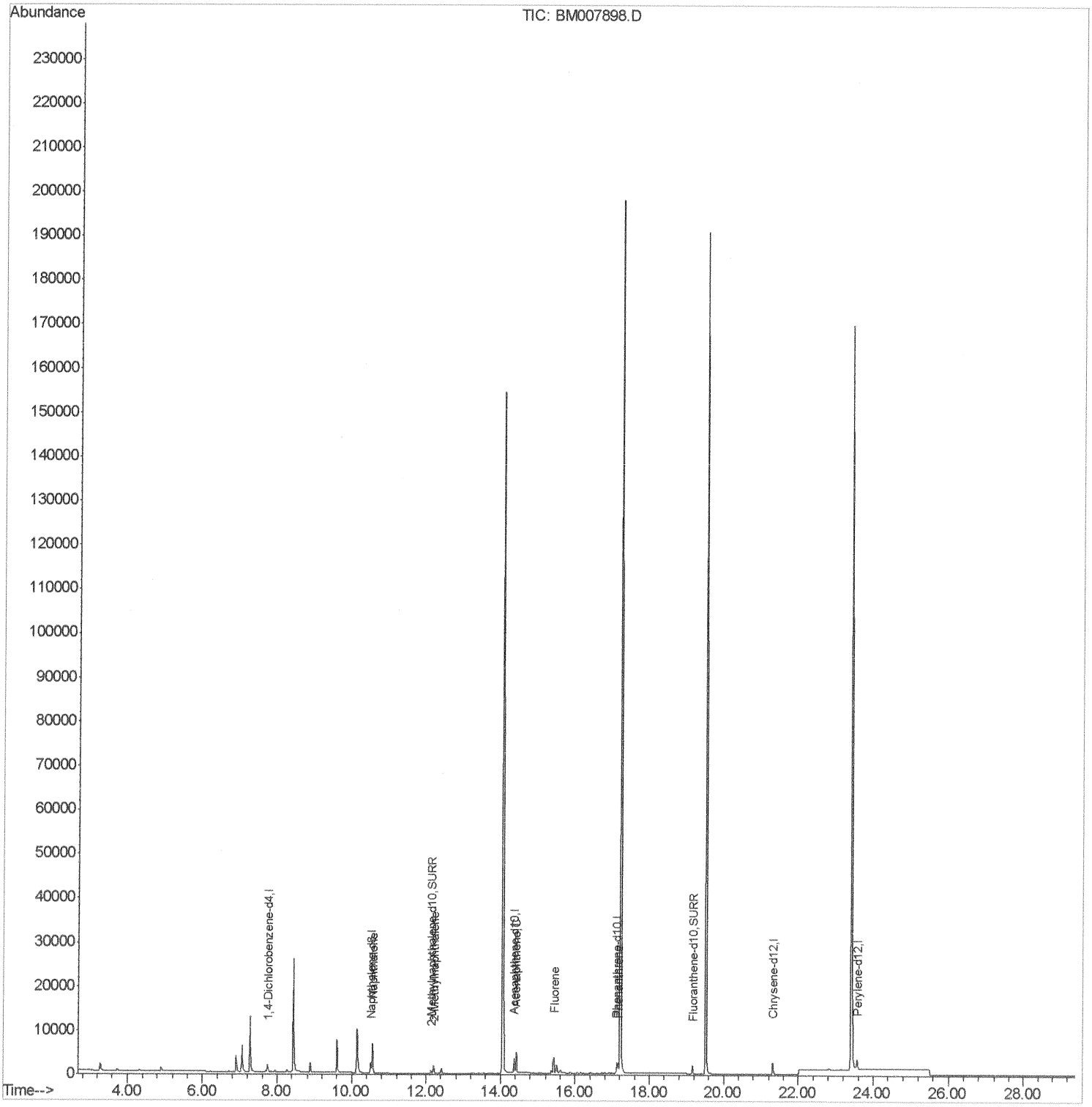
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:53:35 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 :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM

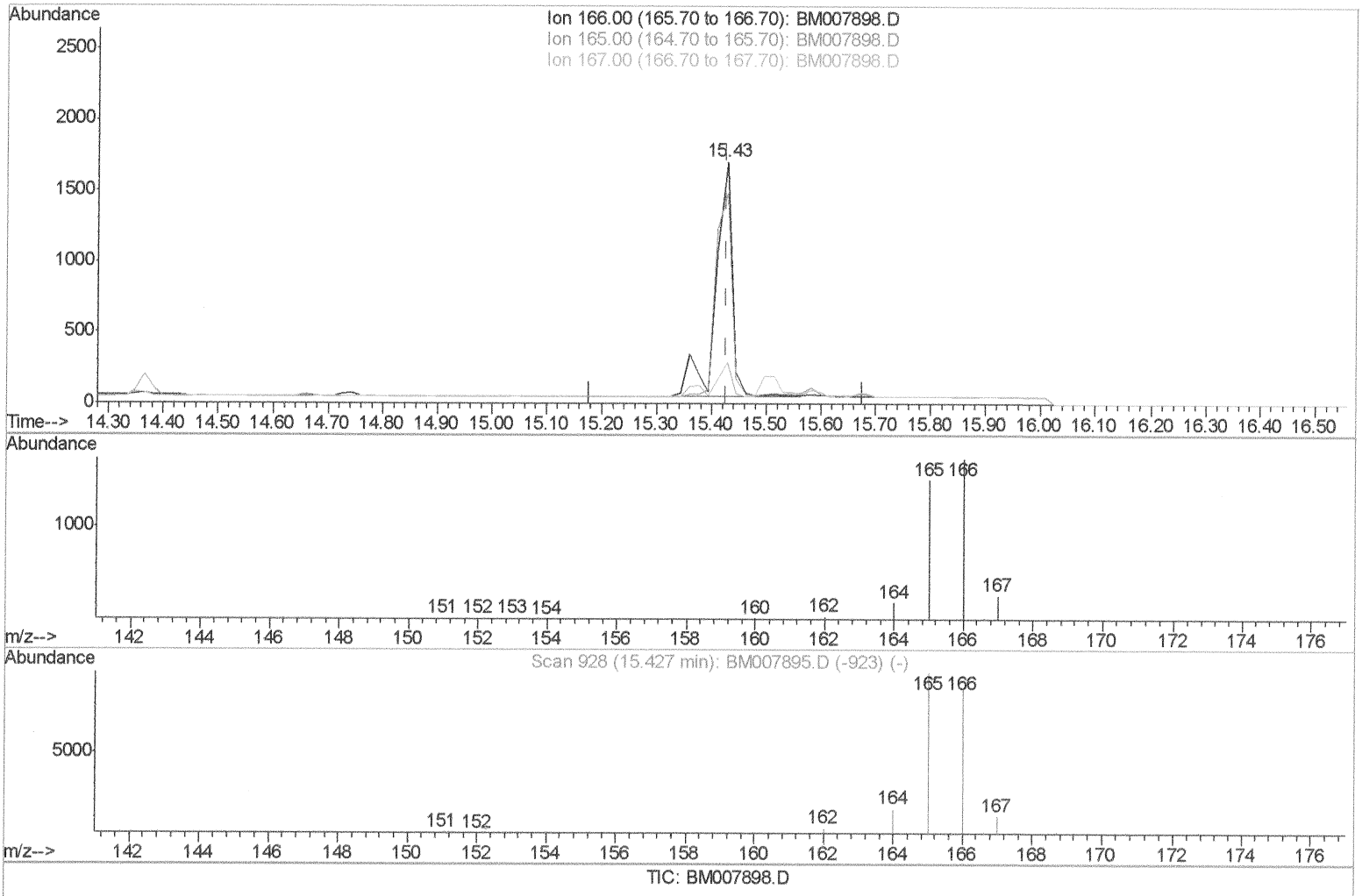


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:45:08 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 :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM



TIC: BM007898.D

(9) Fluorene

15.428min (+0.000) 0.49ng/ul

response 3546

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	87.37
167.00	18.30	17.10
0.00	0.00	0.00

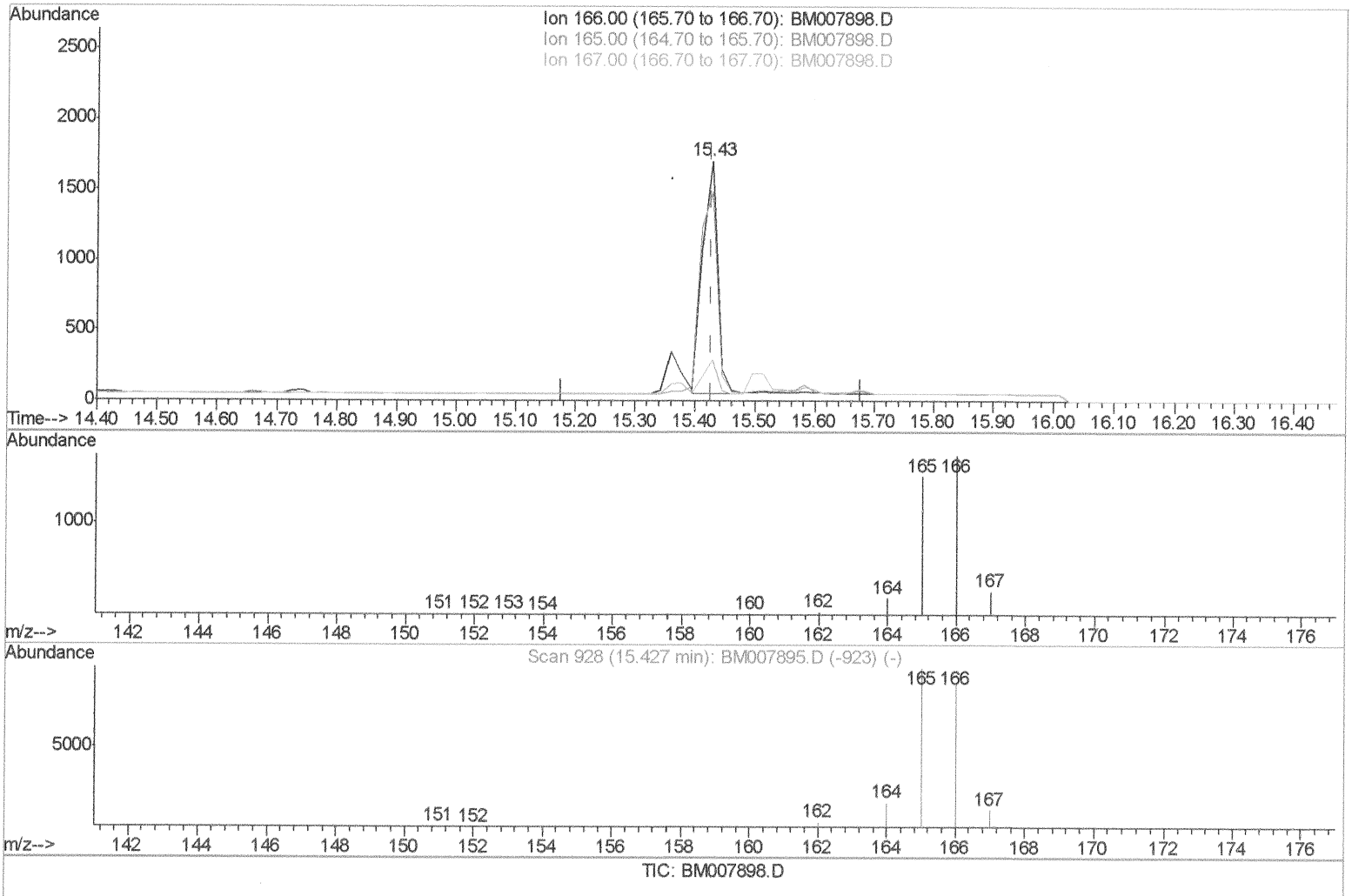
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:45:08 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 :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM



TIC: BM007898.D

(9) Fluorene

15.428min (+0.000) 0.41ng/ul m SJ 11/16/16

response 2958

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	87.37
167.00	18.30	17.10
0.00	0.00	0.00

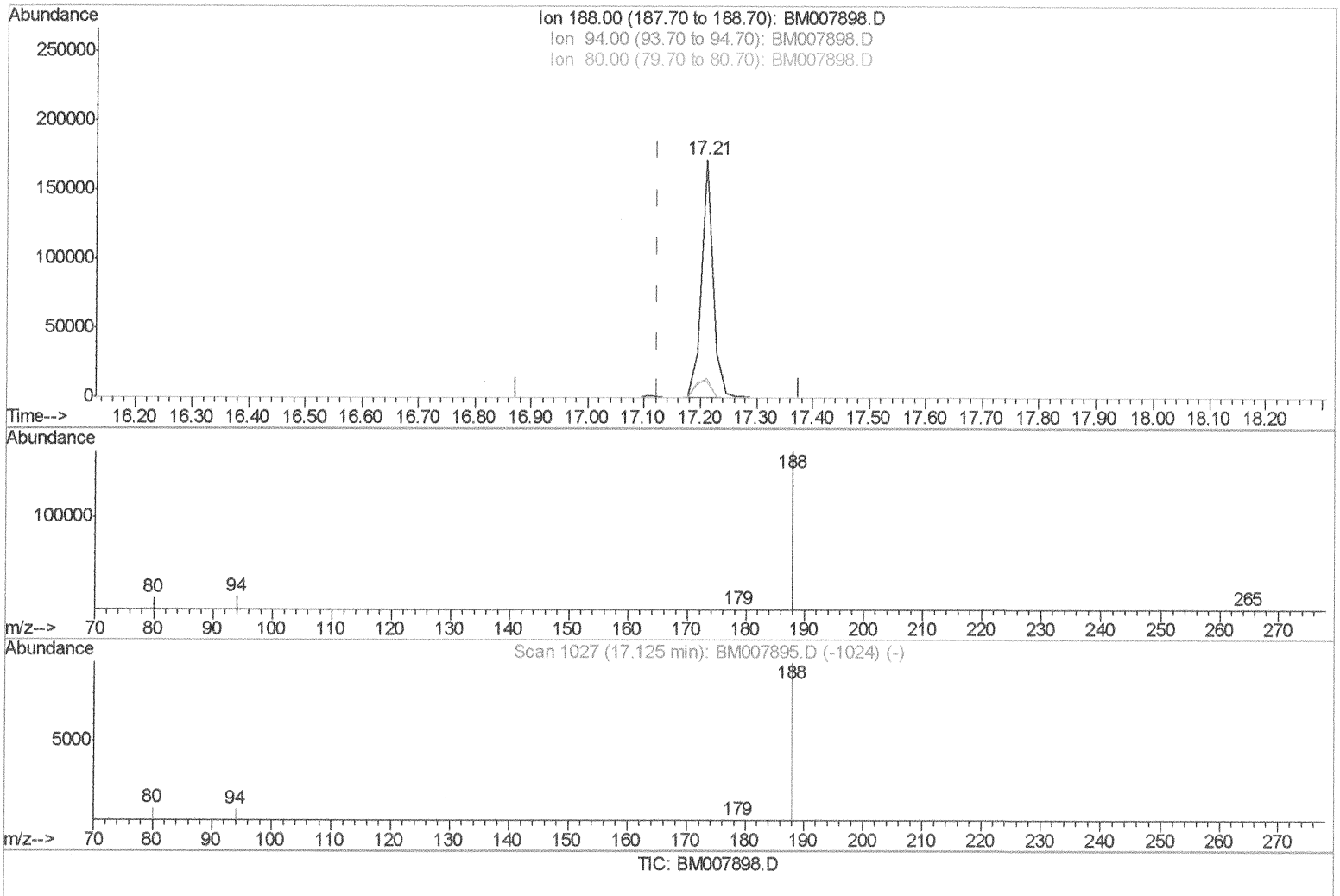
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:45:08 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 :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM



TIC: BM007898.D

(10) Phenanthrene-d10 (I)

17.211min (+0.086) 0.40ng/ul

response 248406

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.98#
80.00	11.80	6.93#
0.00	0.00	0.00

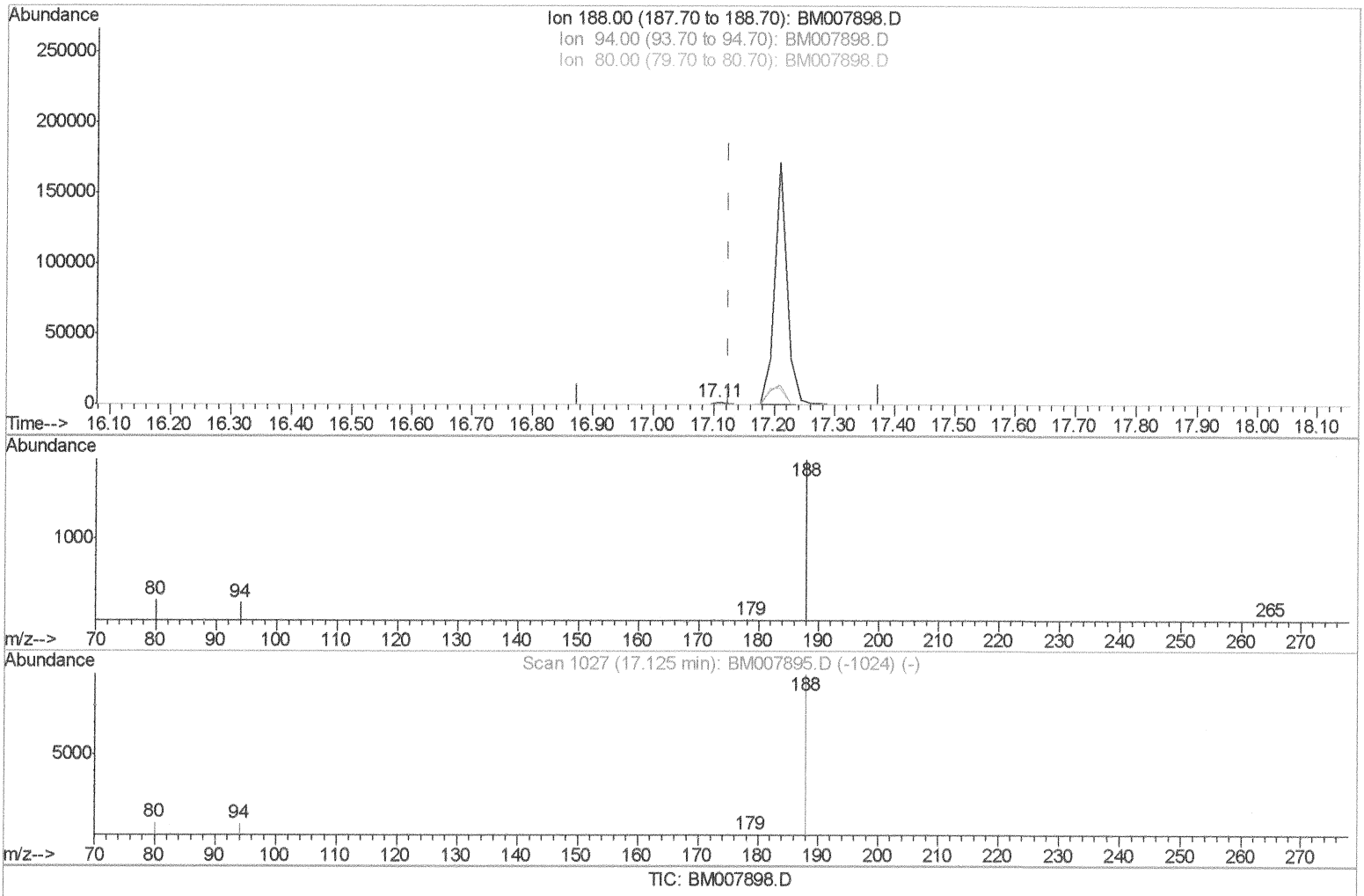
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:45:08 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 :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM



TIC: BM007898.D

(10) Phenanthrene-d10 (I)

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

response 3154

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.95
80.00	11.80	14.50#
0.00	0.00	0.00

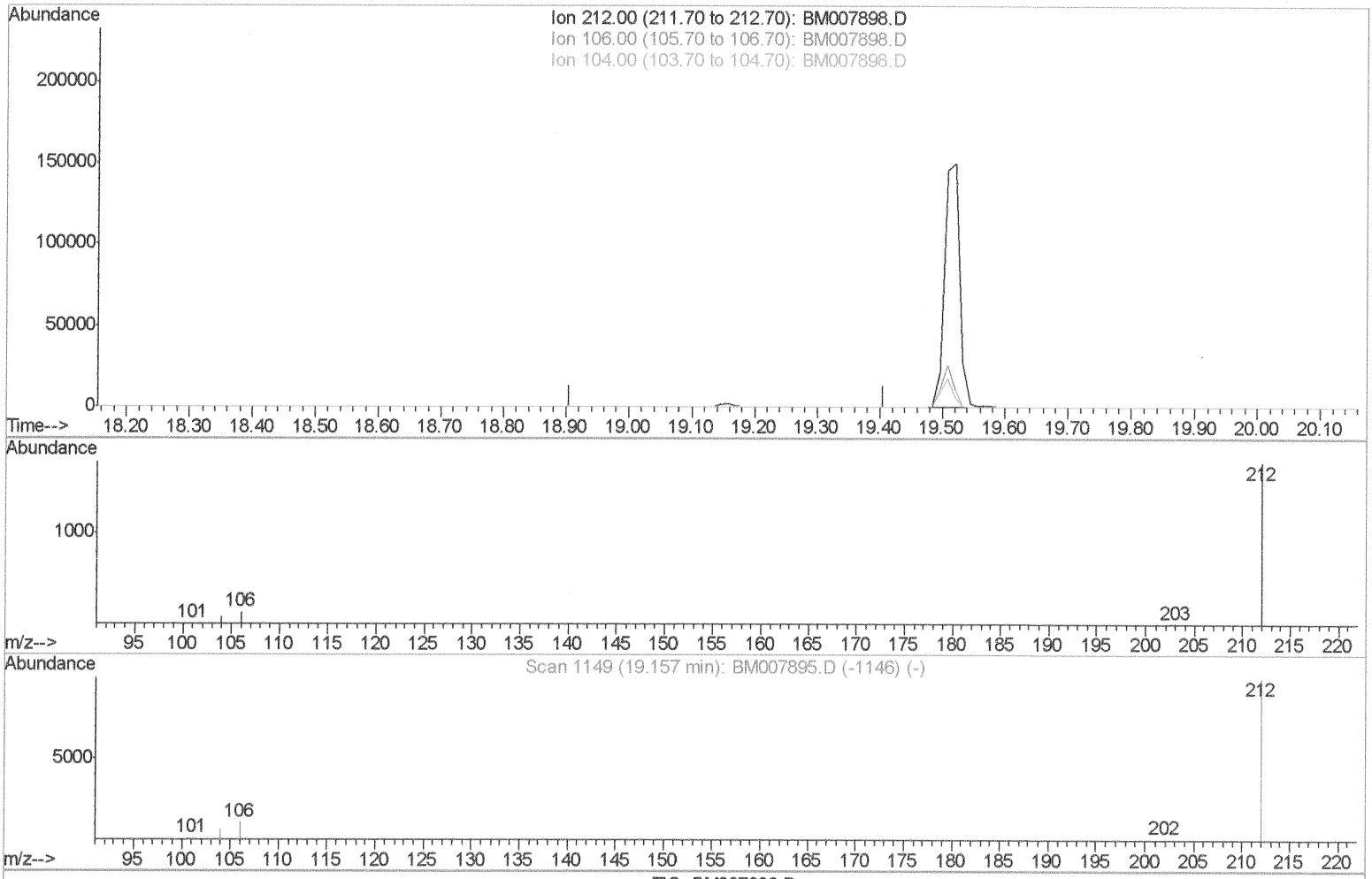
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:52:13 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 :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM



TIC: BM007898.D

(14) Fluoranthene-d10 (SURR)

19.157min (-19.157) 0.00ng/ul

response 0

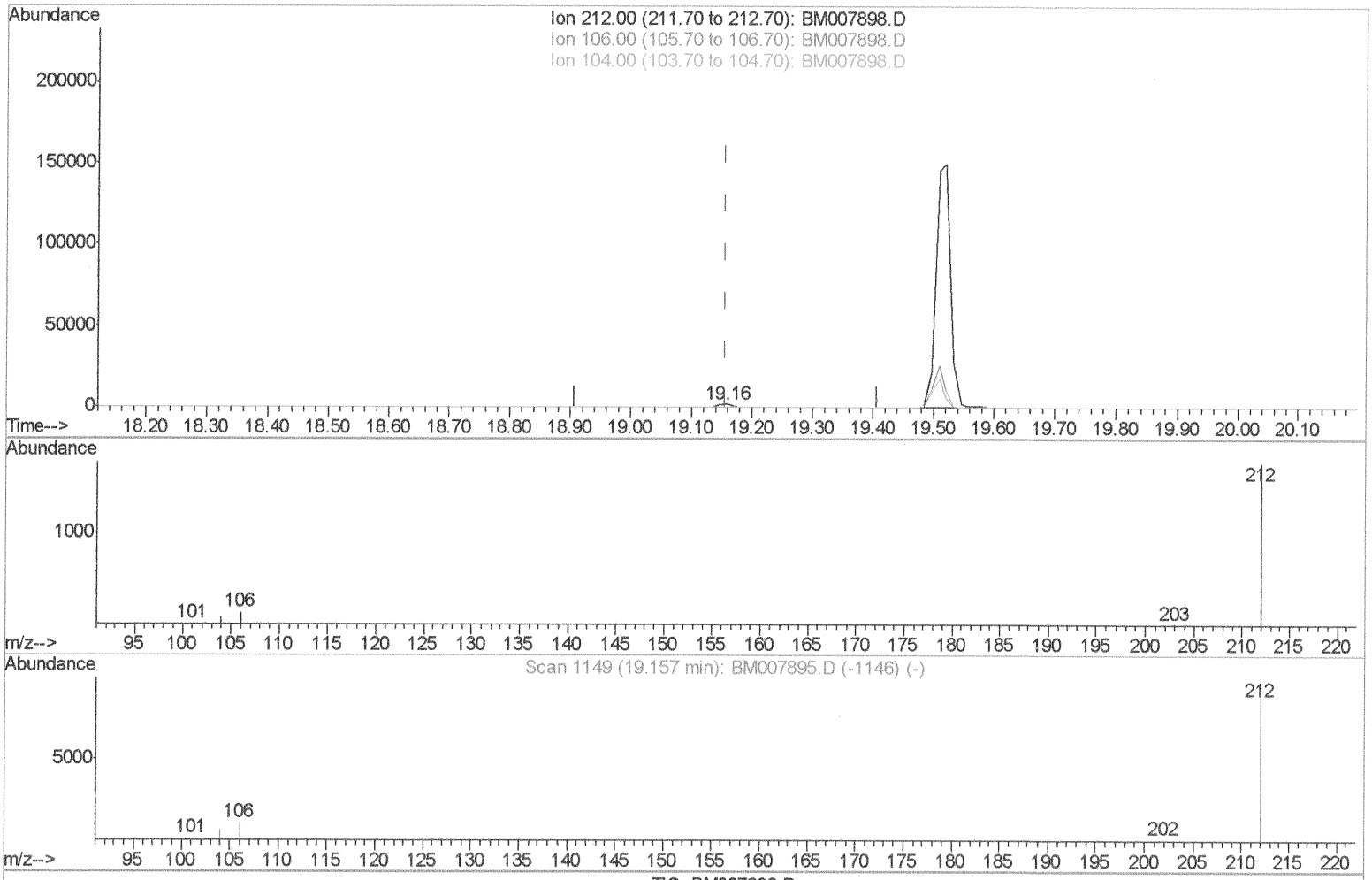
Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:52:13 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 :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM



TIC: BM007898.D

(14) Fluoranthene-d10 (SURR)

19.157min (+0.000) 0.39ng/ul m SJ 11/16/16

response 2809

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

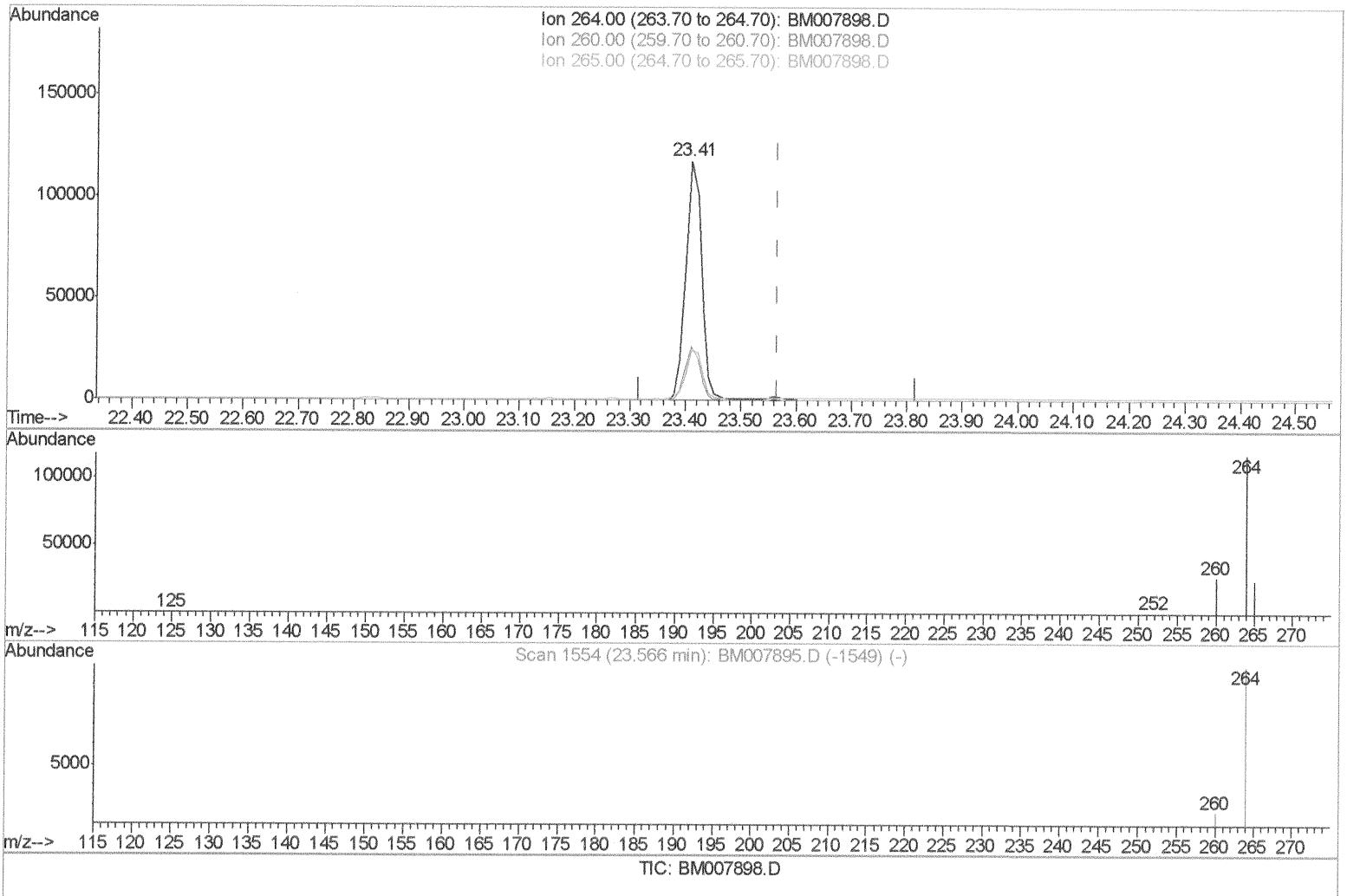
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:52:13 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 :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM



TIC: BM007898.D

(20) Perylene-d12 (I)

23.410min (-0.156) 0.40ng/ul

response 230726

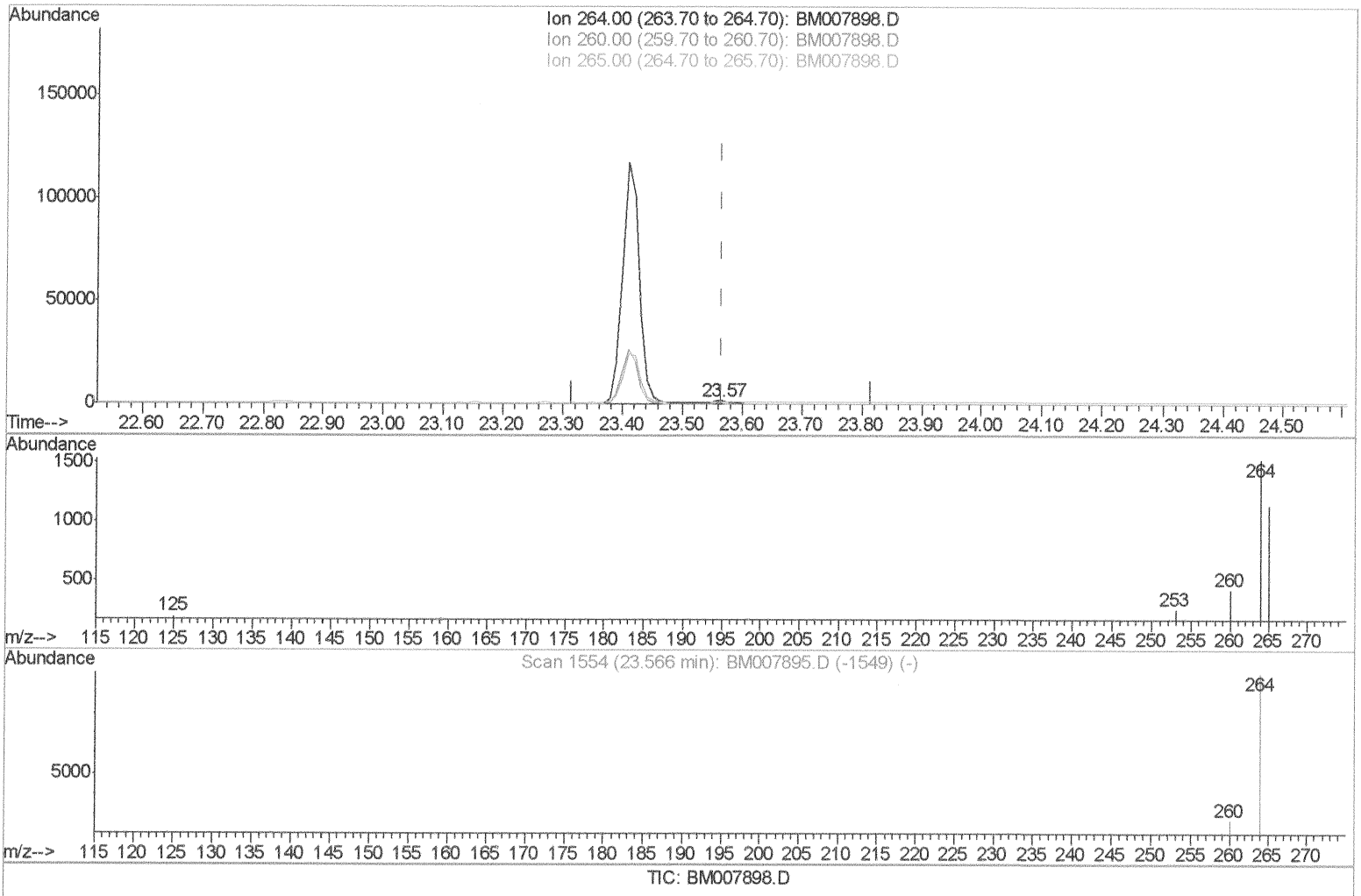
Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.75#
265.00	103.50	20.76#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:52:13 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 :
F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM



TIC: BM007898.D

(20) Perylene-d12 (I)

23.566min (+0.000) 0.40ng/ul m SJ 11/16/16

response 2556

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.80
265.00	103.50	74.75#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007898.D
Acq On : 15 Nov 2016 18:22
Operator : UM/SJ
Sample : H5612-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:53:35 2016
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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 : F2H00

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	983	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	3142	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1812	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	3154m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.31	240	3259	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	2556m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1343	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	2809m	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	9695	1.20	ng/ul	95
5) 2-Methylnaphthalene	12.19	142	1749	0.34	ng/ul	99
8) Acenaphthene	14.42	153	3416	0.53	ng/ul	90
9) Fluorene	15.43	166	2958m	0.41	ng/ul	
12) Phenanthrene	17.16	178	3523	0.40	ng/ul	92

SJ 11/16/16

SJ 11/16/16

SJ 11/16/16

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