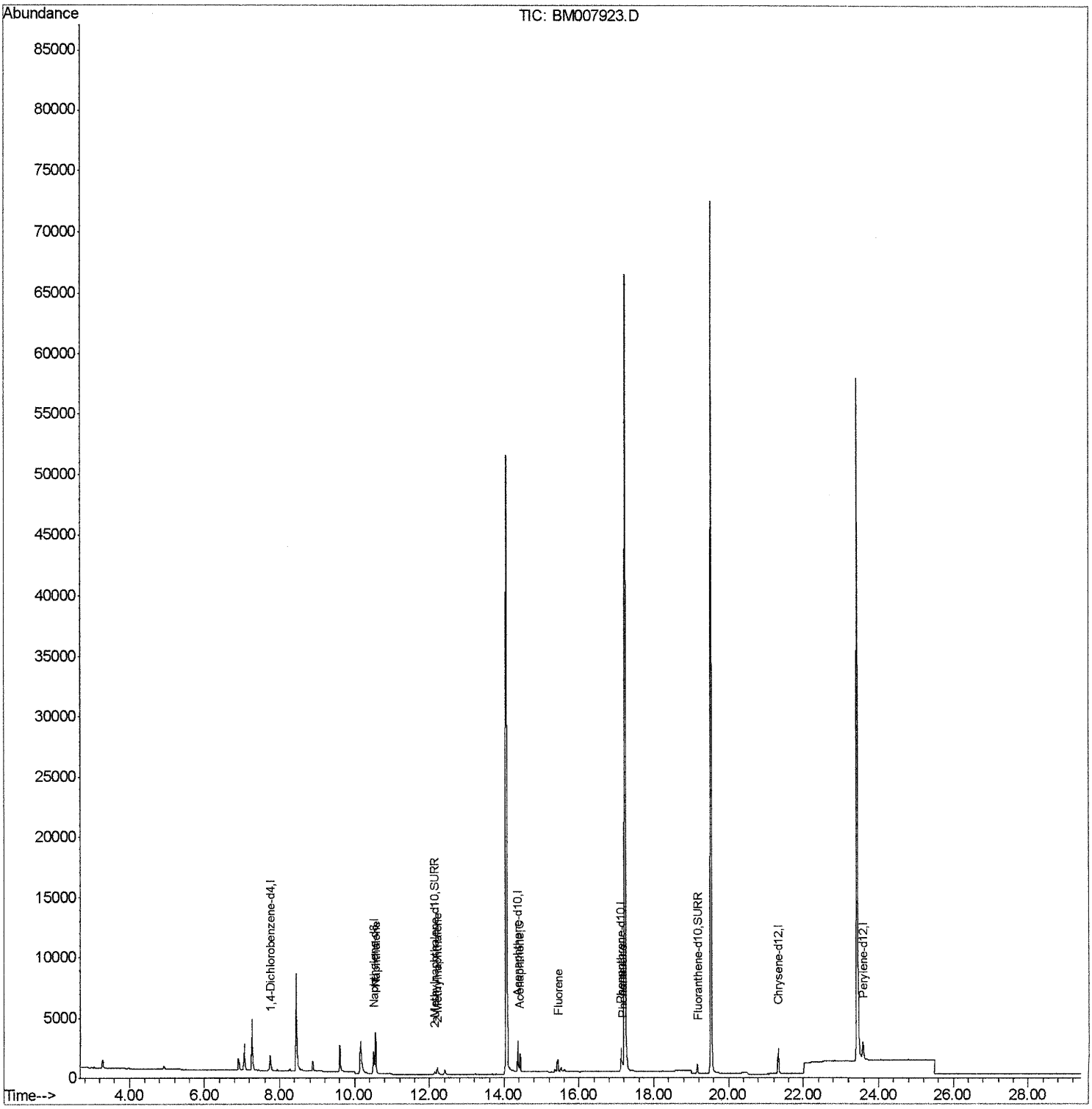
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007923.D
Acq On : 16 Nov 2016 16:17
Operator : UM/SJ
Sample : H5612-04DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 17:29:19 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 16:16:41 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H04DL

Manual Integrations APPROVED
umangi
11/17/2016 5:55:32 PM



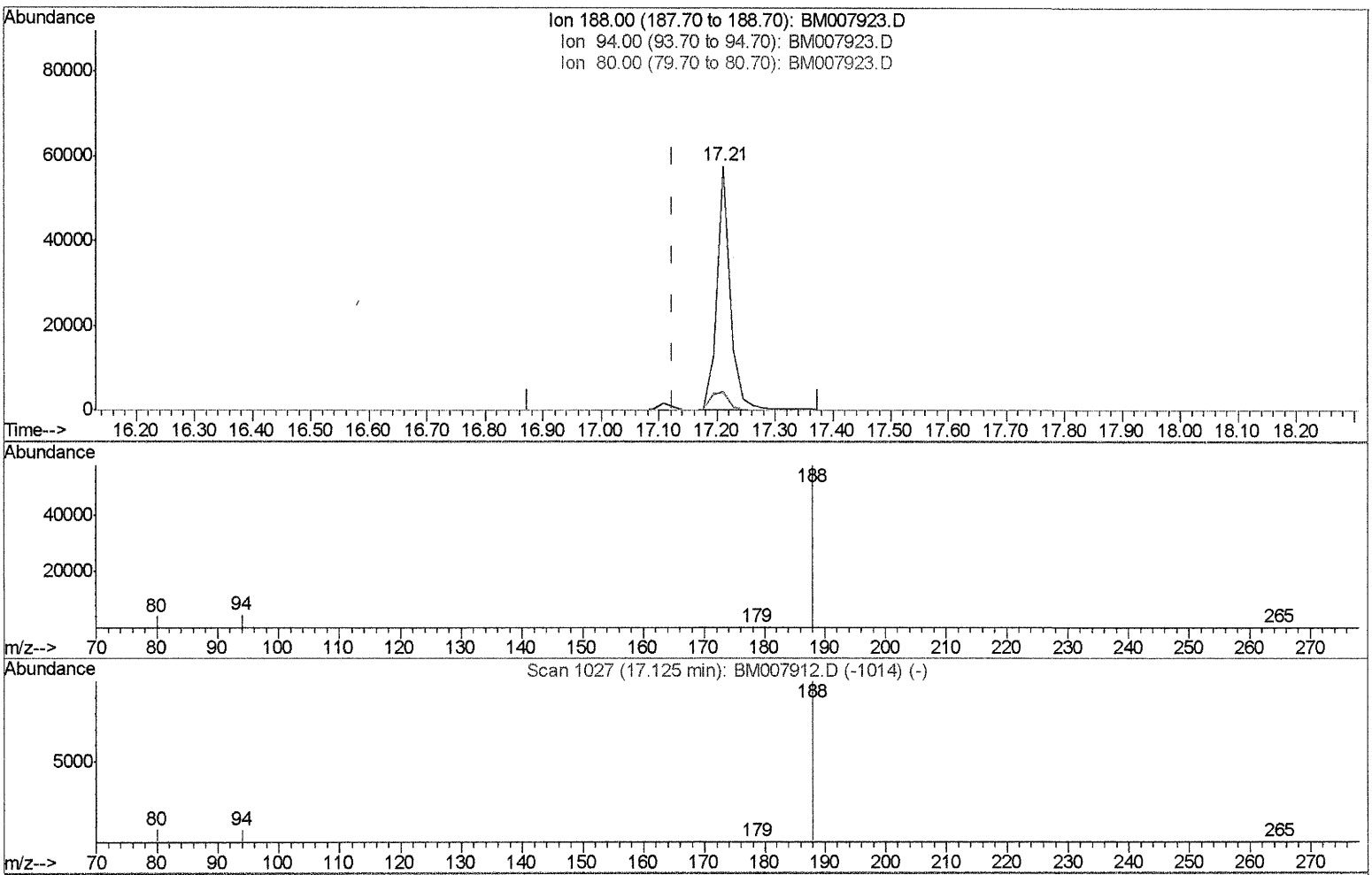
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007923.D
Acq On : 16 Nov 2016 16:17
Operator : UM/SJ
Sample : H5612-04DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 17:27:16 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 16:16:41 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H04DL

Manual Integrations APPROVED
umangi
11/17/2016 5:55:32 PM



TIC: BM007923.D

(10) Phenanthrene-d10 (I)

17.210min (+0.086) 0.40ng/ul

response 91852

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.77#
80.00	11.80	6.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

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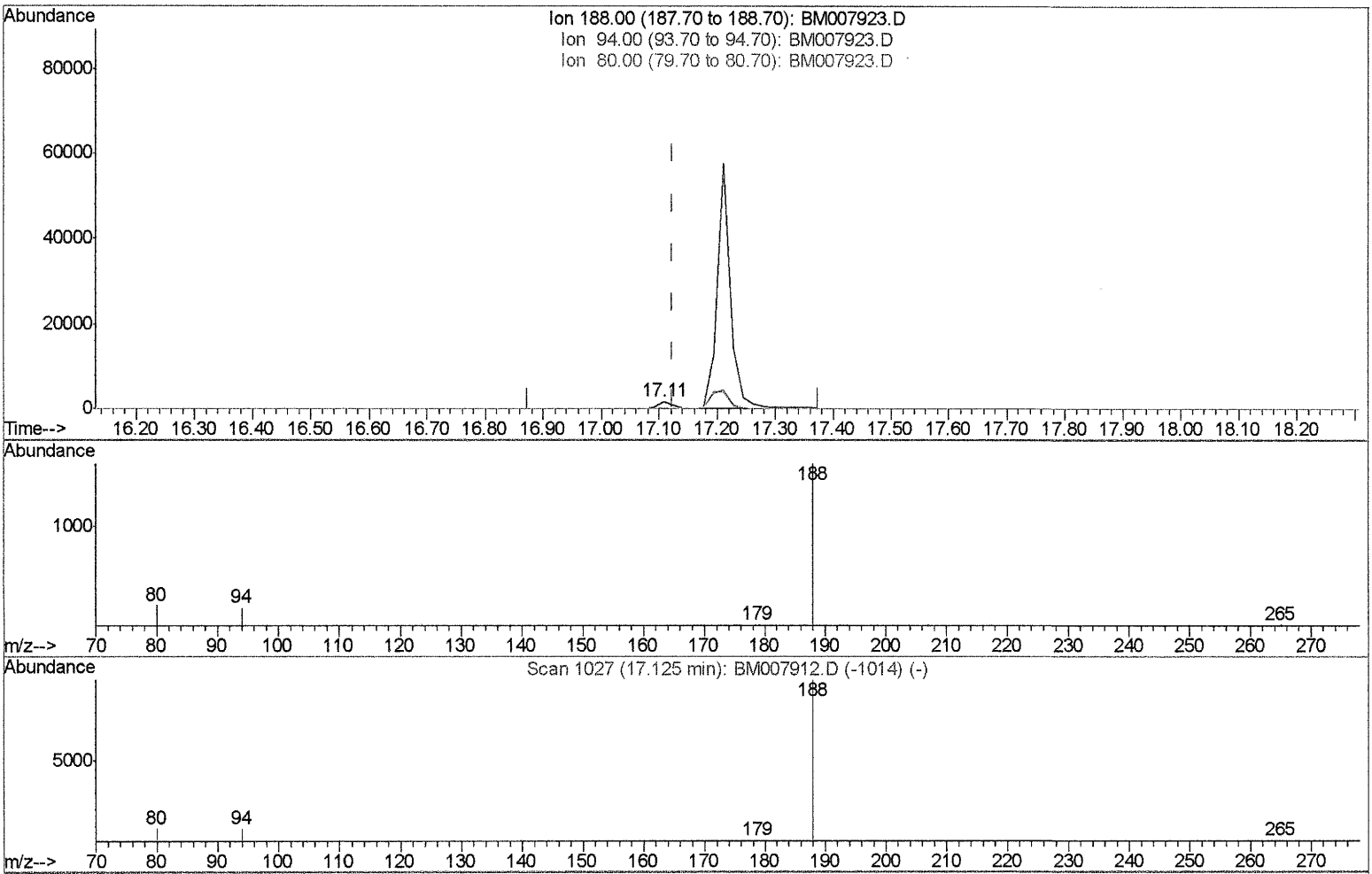
Instrument :
BNA_M
ClientSampleId :
F2H04DL

Manual Integrations APPROVED
umangi
11/17/2016 5:55:32 PM



TIC: BM007923.D

(10) Phenanthrene-d10 (I)

17.107min (-0.017) 0.40ng/ul m UM 11/17/16

response 2899

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.15
80.00	11.80	14.58#
0.00	0.00	0.00

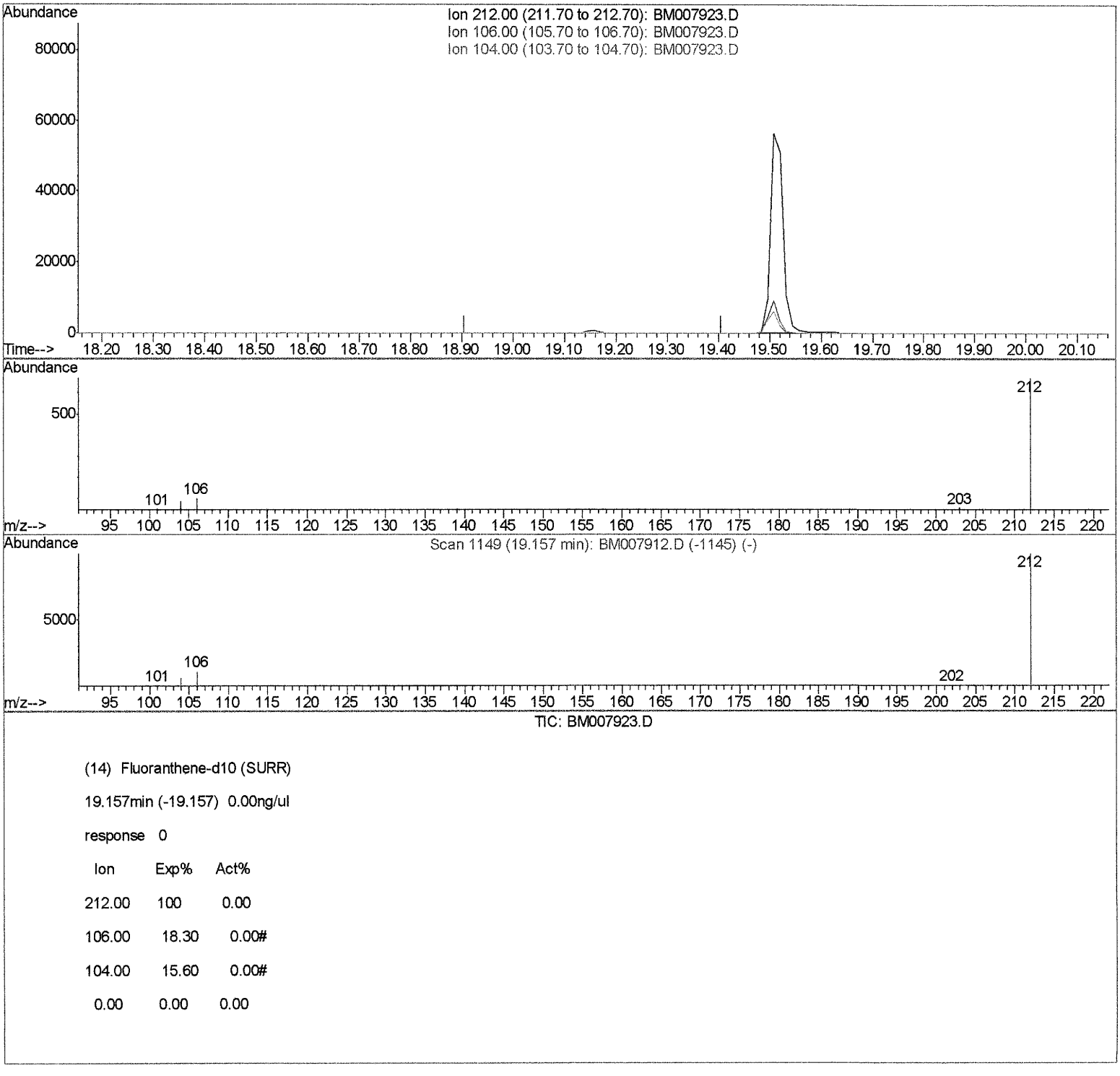
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007923.D
Acq On : 16 Nov 2016 16:17
Operator : UM/SJ
Sample : H5612-04DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 17:28:25 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 16:16:41 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H04DL

Manual Integrations APPROVED
umangi
11/17/2016 5:55:32 PM



TIC: BM007923.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\BM111616\
Data File : BM007923.D
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Operator : UM/SJ
Sample : H5612-04DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 17:28:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
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QLast Update : Wed Nov 16 16:16:41 2016
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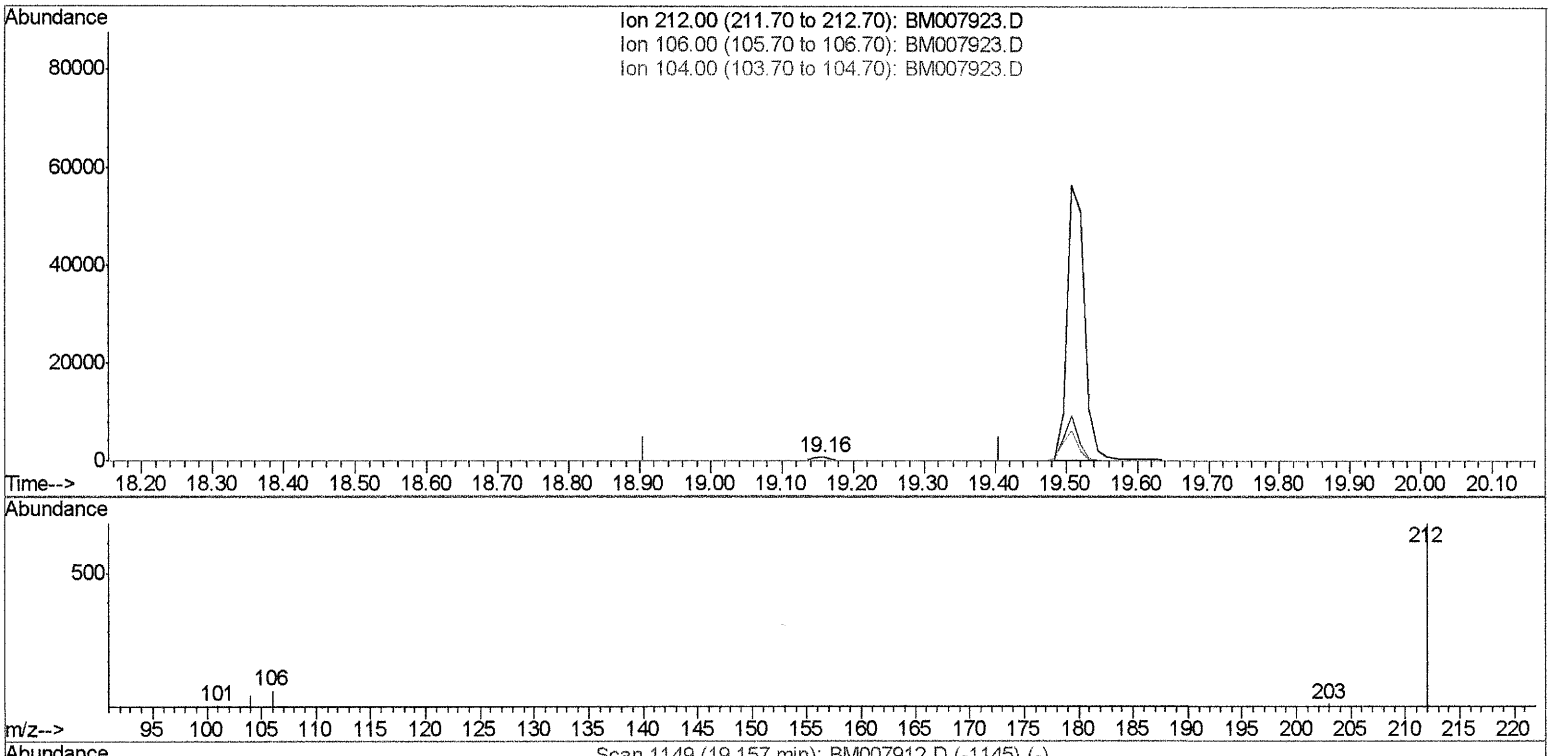
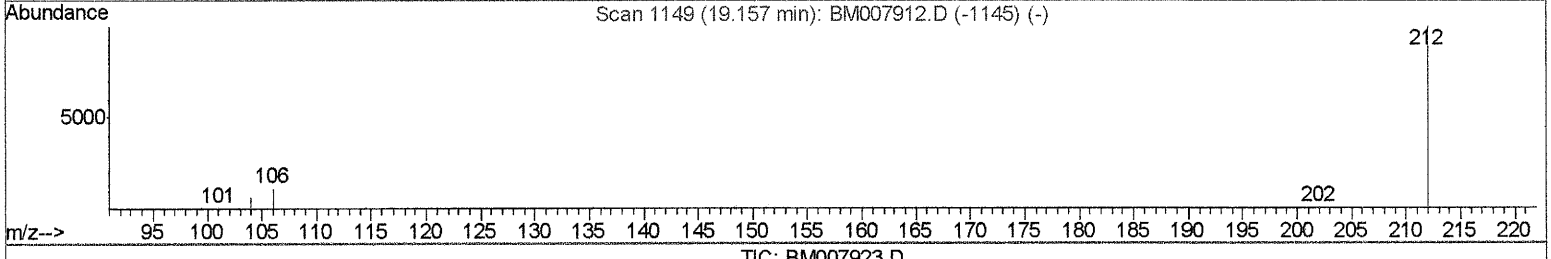
Instrument :
BNA_M
ClientSampleId :
F2H04DL

Manual Integrations APPROVED
umangi
11/17/2016 5:55:32 PM





TIC: BM007923.D

(14) Fluoranthene-d10 (SURR)

19.157min (-0.000) 0.19ng/ul m

response 1260

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11/17/16

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\BM111616\
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umangi
11/17/2016 5:55:32 PM

Quant Time: Nov 16 17:29:19 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	828	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	2695	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1514	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	2899m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.32	240	2473	0.40	ng/ul	0.01
20) Perylene-d12	23.57	264	3227	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.14	152	495	0.16	ng/ul	0.01
14) Fluoranthene-d10	19.16	212	1260m	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	5159	0.74	ng/ul	96
5) 2-Methylnaphthalene	12.20	142	631	0.14	ng/ul	99
8) Acenaphthene	14.42	153	1031	0.19	ng/ul	92
9) Fluorene	15.43	166	1043	0.17	ng/ul#	97
12) Phenanthrene	17.14	178	1167	0.14	ng/ul#	88

UM 111716

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