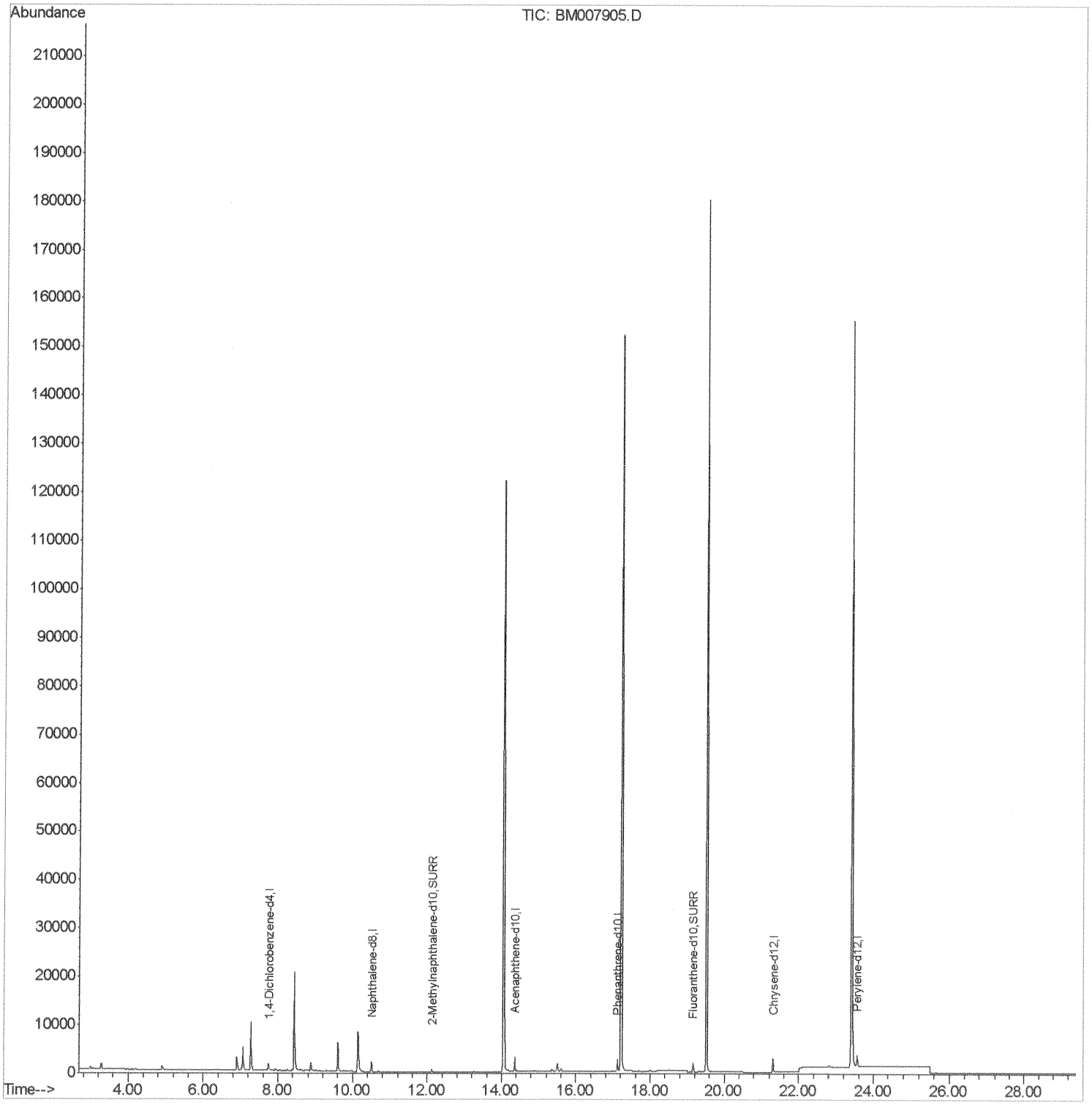
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007905.D
Acq On : 15 Nov 2016 22:30
Operator : UM/SJ
Sample : H5612-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 16 08:38:12 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 :
F2H11

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

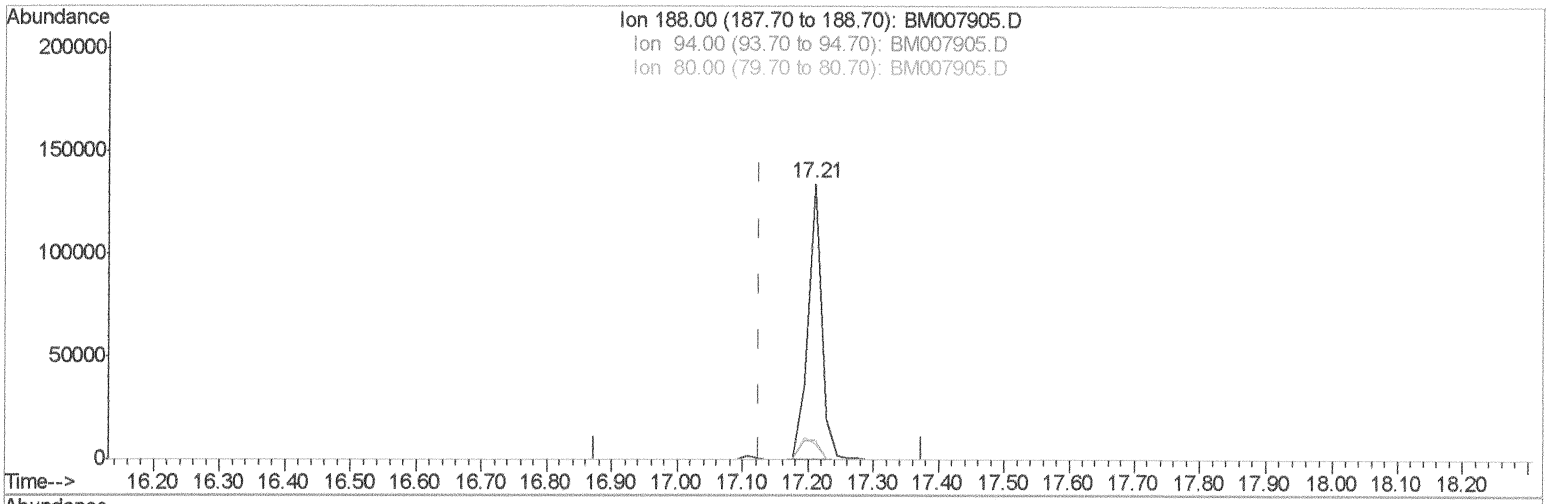


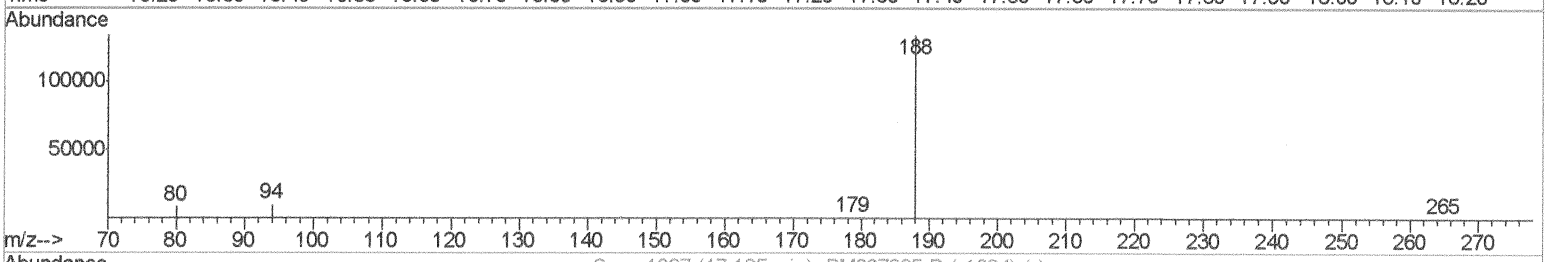
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007905.D
Acq On : 15 Nov 2016 22:30
Operator : UM/SJ
Sample : H5612-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

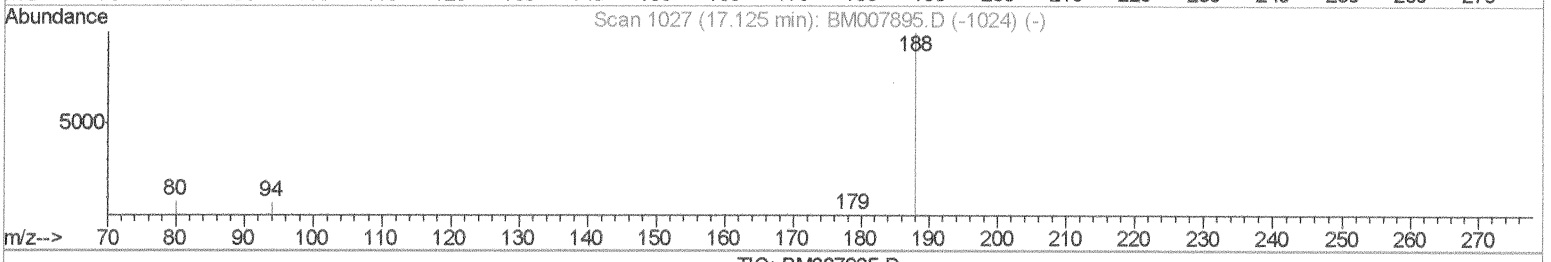
Quant Time: Nov 16 08:35:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H11

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







TIC: BM007905.D

(10) Phenanthrene-d10 (I)

17.210min (+0.086) 0.40ng/ul

response 198480

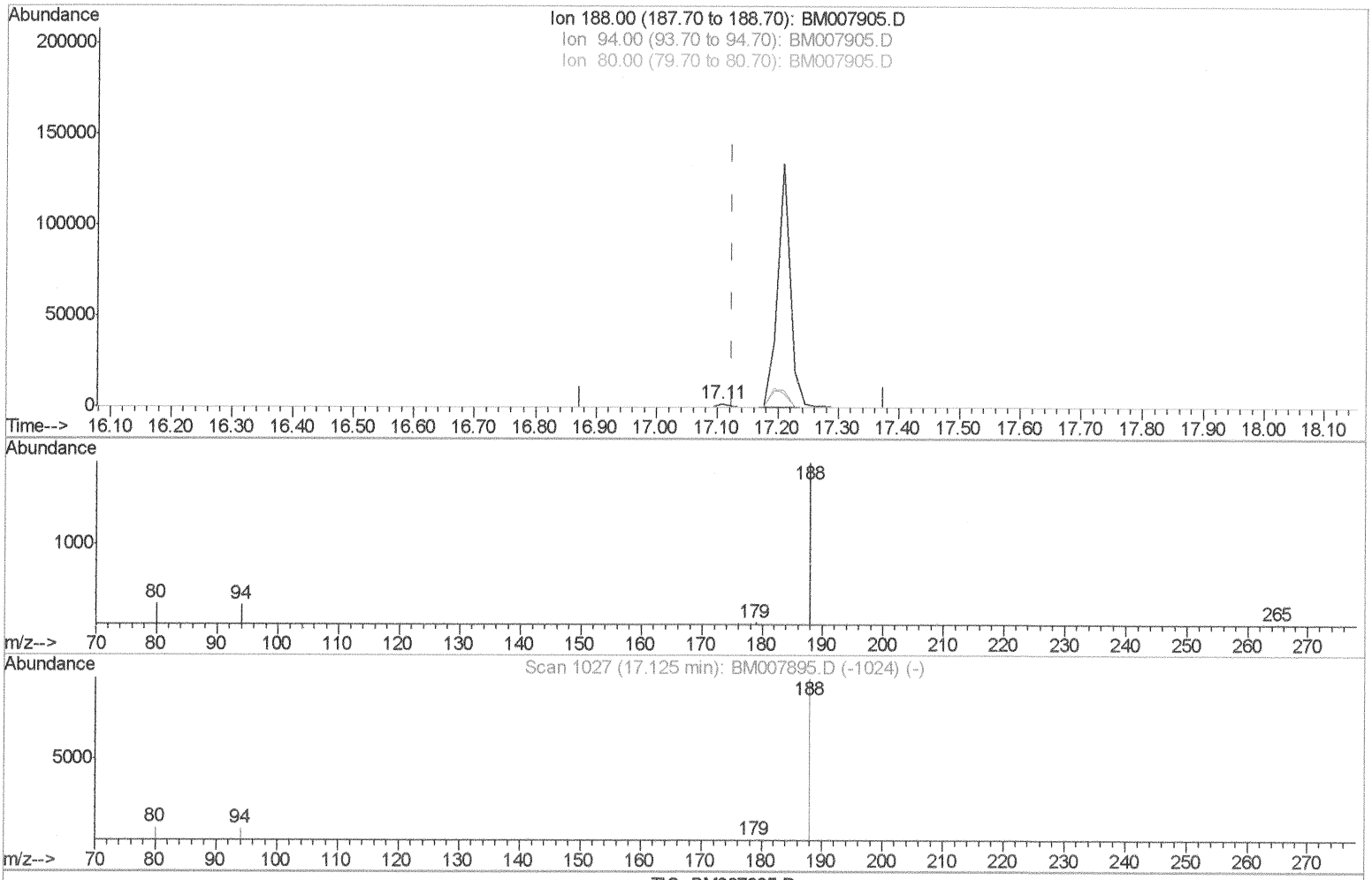
Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.10#
80.00	11.80	6.08#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007905.D
Acq On : 15 Nov 2016 22:30
Operator : UM/SJ
Sample : H5612-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 16 08:35:49 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 :
F2H11

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



TIC: BM007905.D

(10) Phenanthrene-d10 (I)

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

response 3073

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.82#
80.00	11.80	14.57#
0.00	0.00	0.00

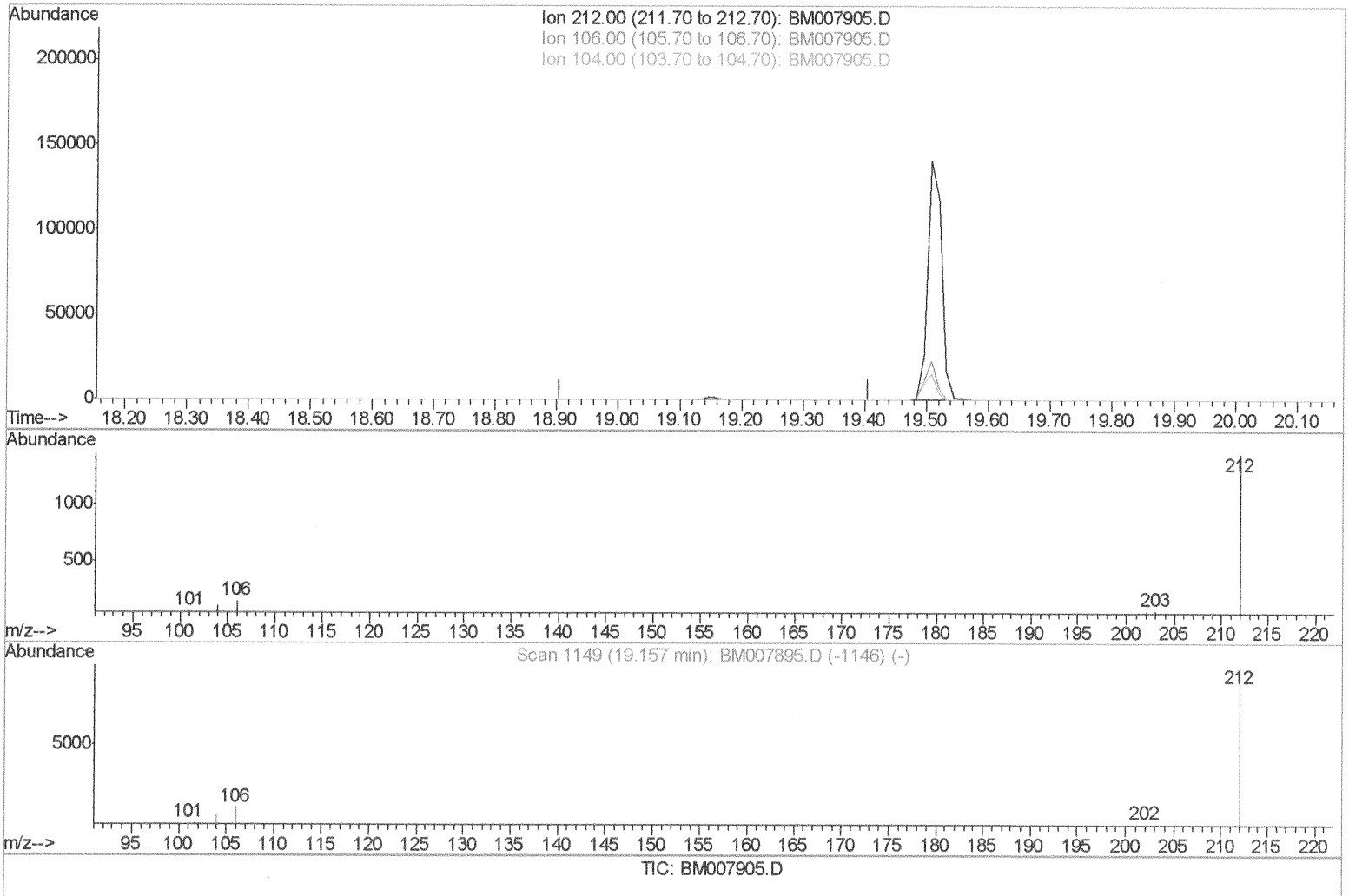
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007905.D
Acq On : 15 Nov 2016 22:30
Operator : UM/SJ
Sample : H5612-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 16 08:36:19 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 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H11

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



TIC: BM007905.D

(14) Fluoranthene-d10 (SURR)

19.157min (-19.157) 0.00ng/ul

response 0

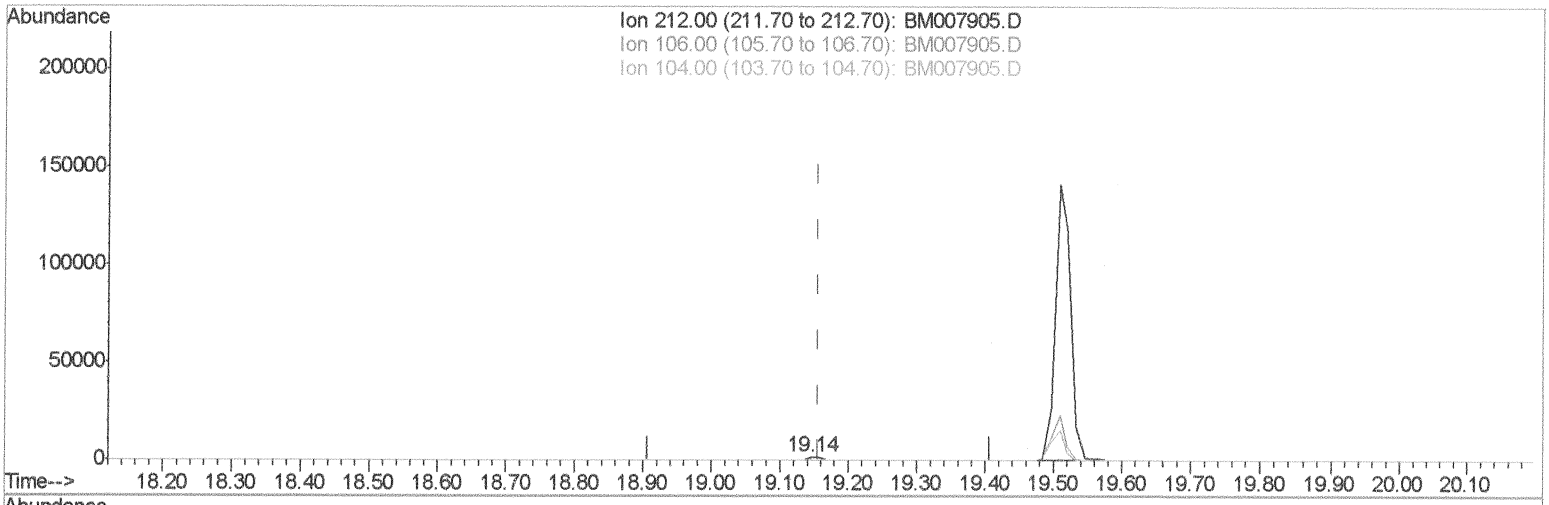
Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

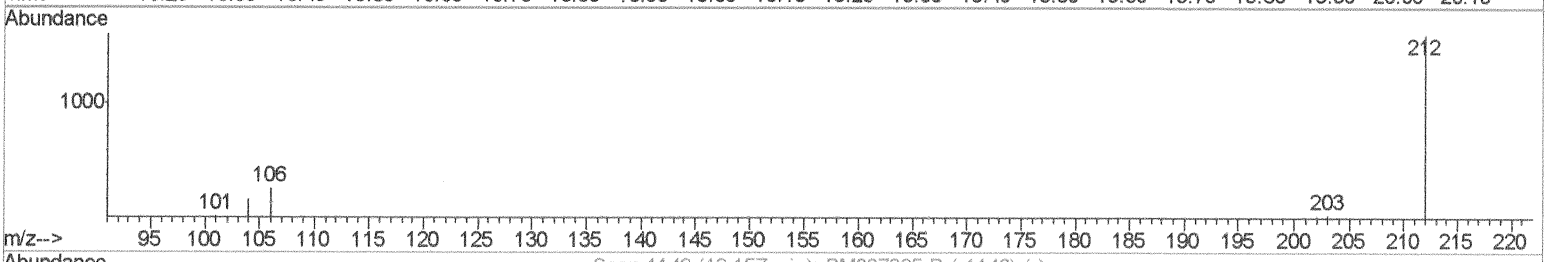
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007905.D
Acq On : 15 Nov 2016 22:30
Operator : UM/SJ
Sample : H5612-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

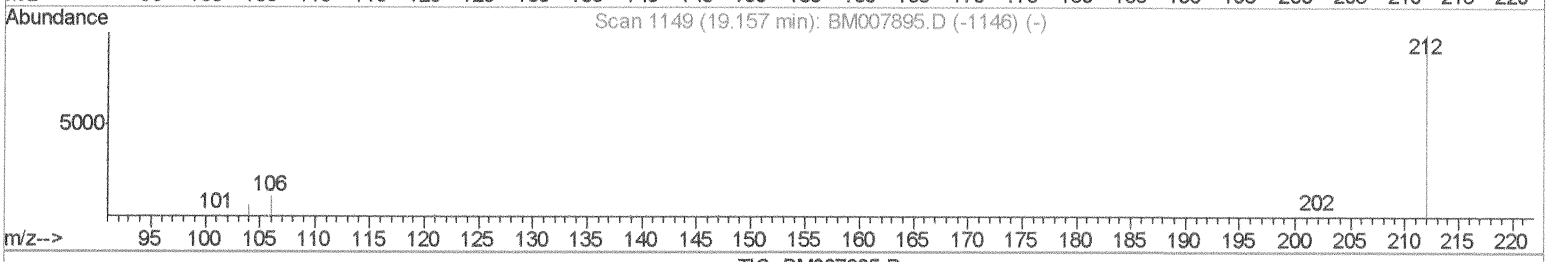
Quant Time: Nov 16 08:36:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H11

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







TIC: BM007905.D

(14) Fluoranthene-d10 (SURR)

19.145min (-0.012) 0.36ng/ul m SJ 11/16/16

response 2534

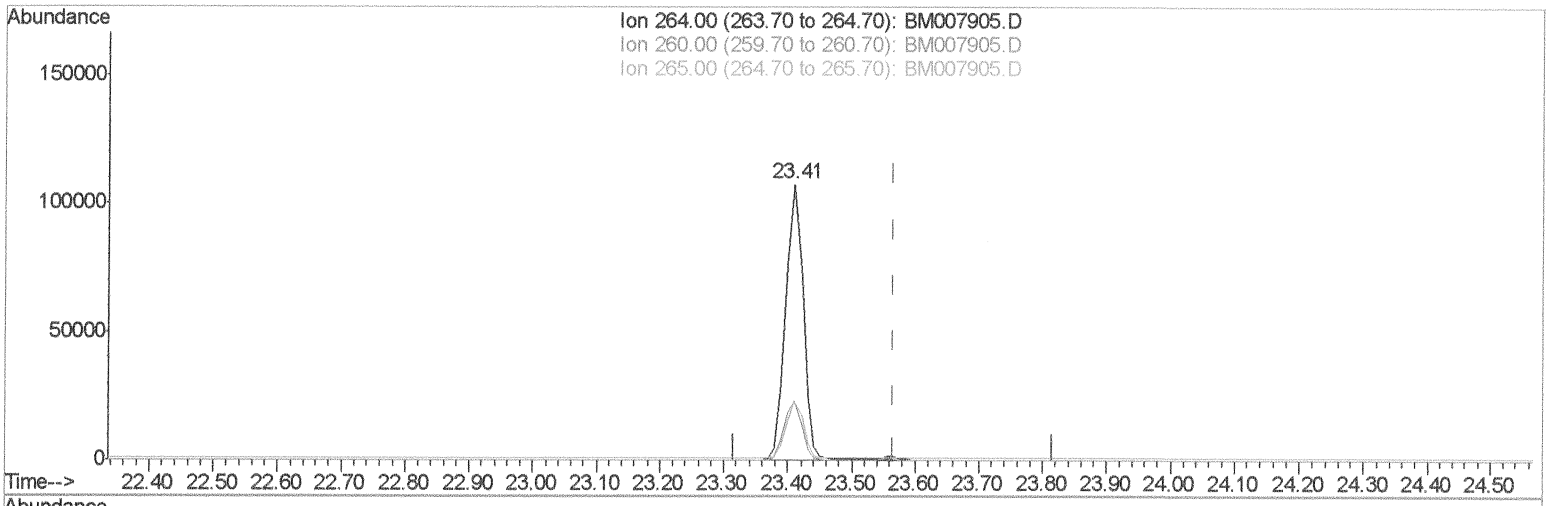
Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

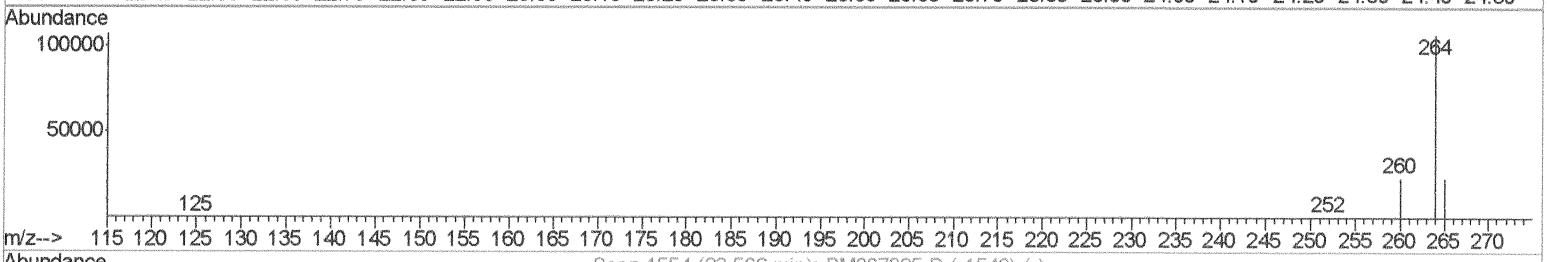
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007905.D
Acq On : 15 Nov 2016 22:30
Operator : UM/SJ
Sample : H5612-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

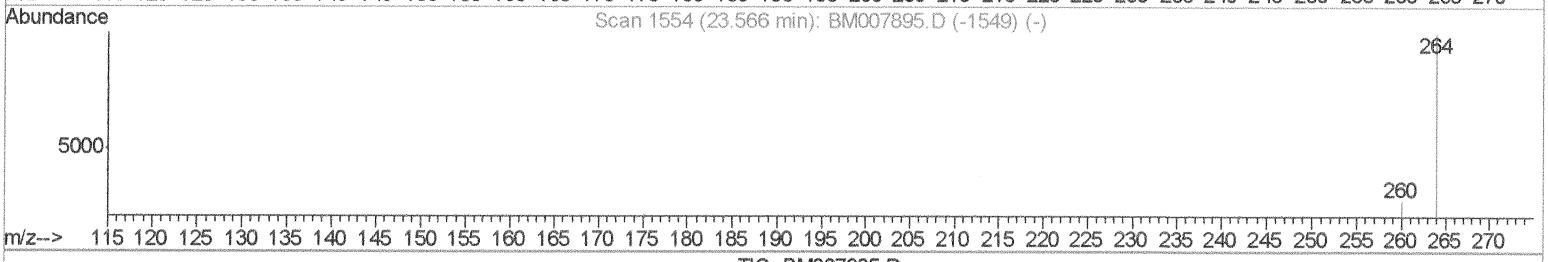
Quant Time: Nov 16 08:36:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H11

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







TIC: BM007905.D

(20) Perylene-d12 (I)

23.409min (-0.157) 0.40ng/ul

response 204106

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.72#
265.00	103.50	21.81#
0.00	0.00	0.00

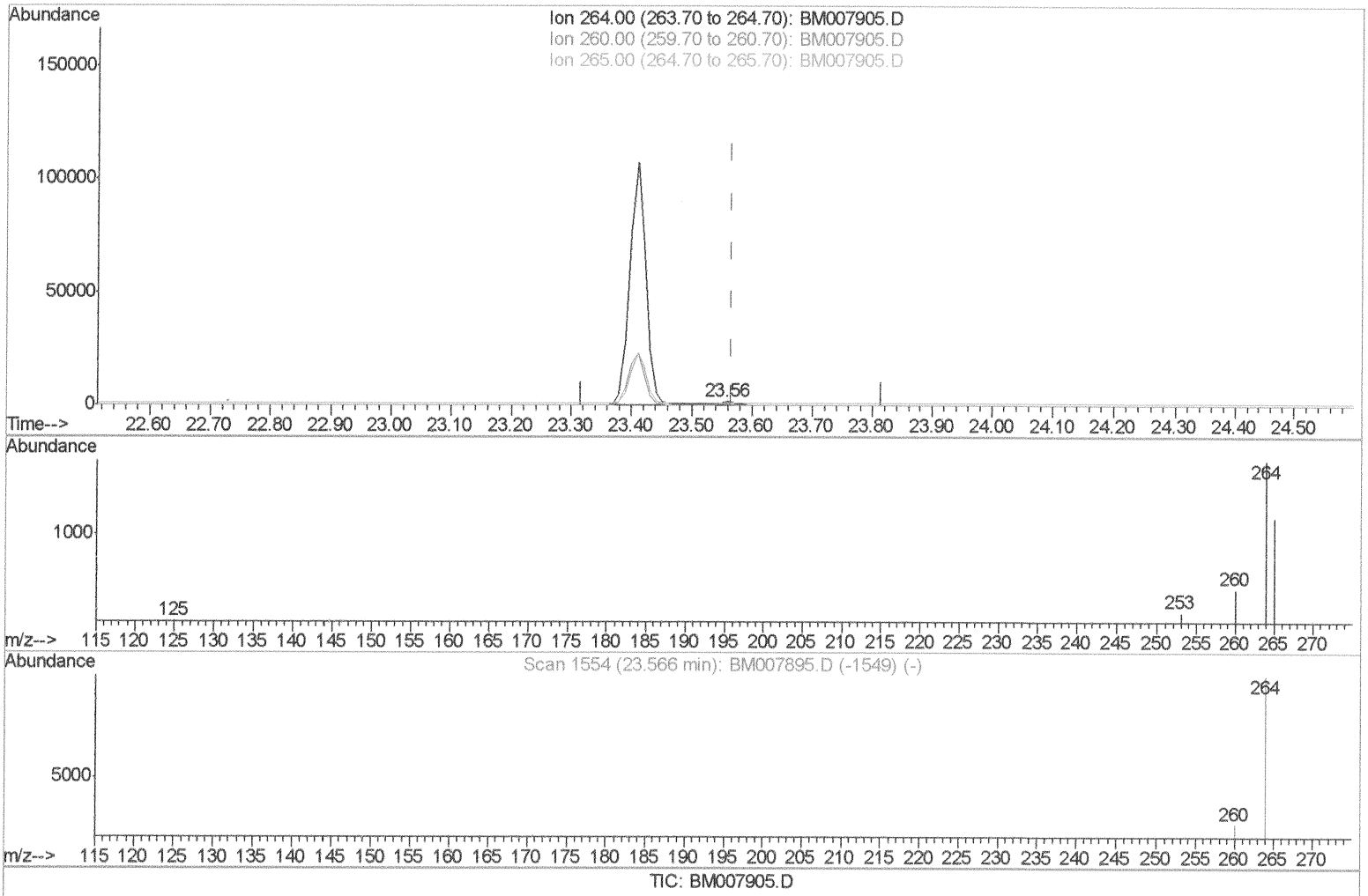
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007905.D
Acq On : 15 Nov 2016 22:30
Operator : UM/SJ
Sample : H5612-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 16 08:36:19 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 07:43:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2H11

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



TIC: BM007905.D

(20) Perylene-d12 (I)

23.555min (-0.011) 0.40ng/ul m SJ 11/16/16

response 2693

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.65
265.00	103.50	68.58#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007905.D
Acq On : 15 Nov 2016 22:30
Operator : UM/SJ
Sample : H5612-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2H11

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

Quant Time: Nov 16 08:38:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	862	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	2790	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1658	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	3073m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.31	240	3302	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	2693m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1097	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	2534m	0.36	ng/ul	-0.01
Target Compounds						Qvalue

SJ 11/16/16

SJ 11/16/16

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