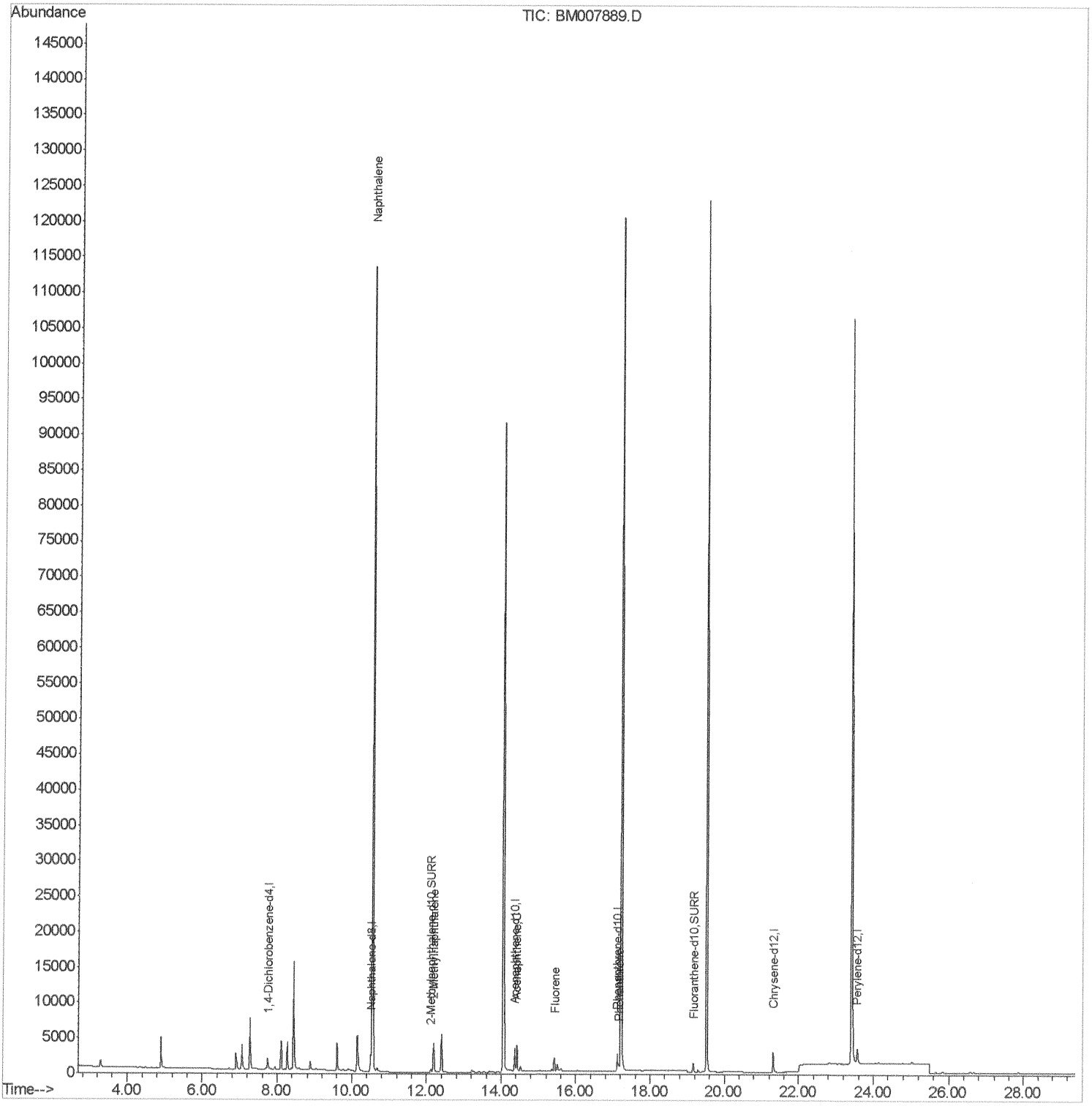
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 02:42:46 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM

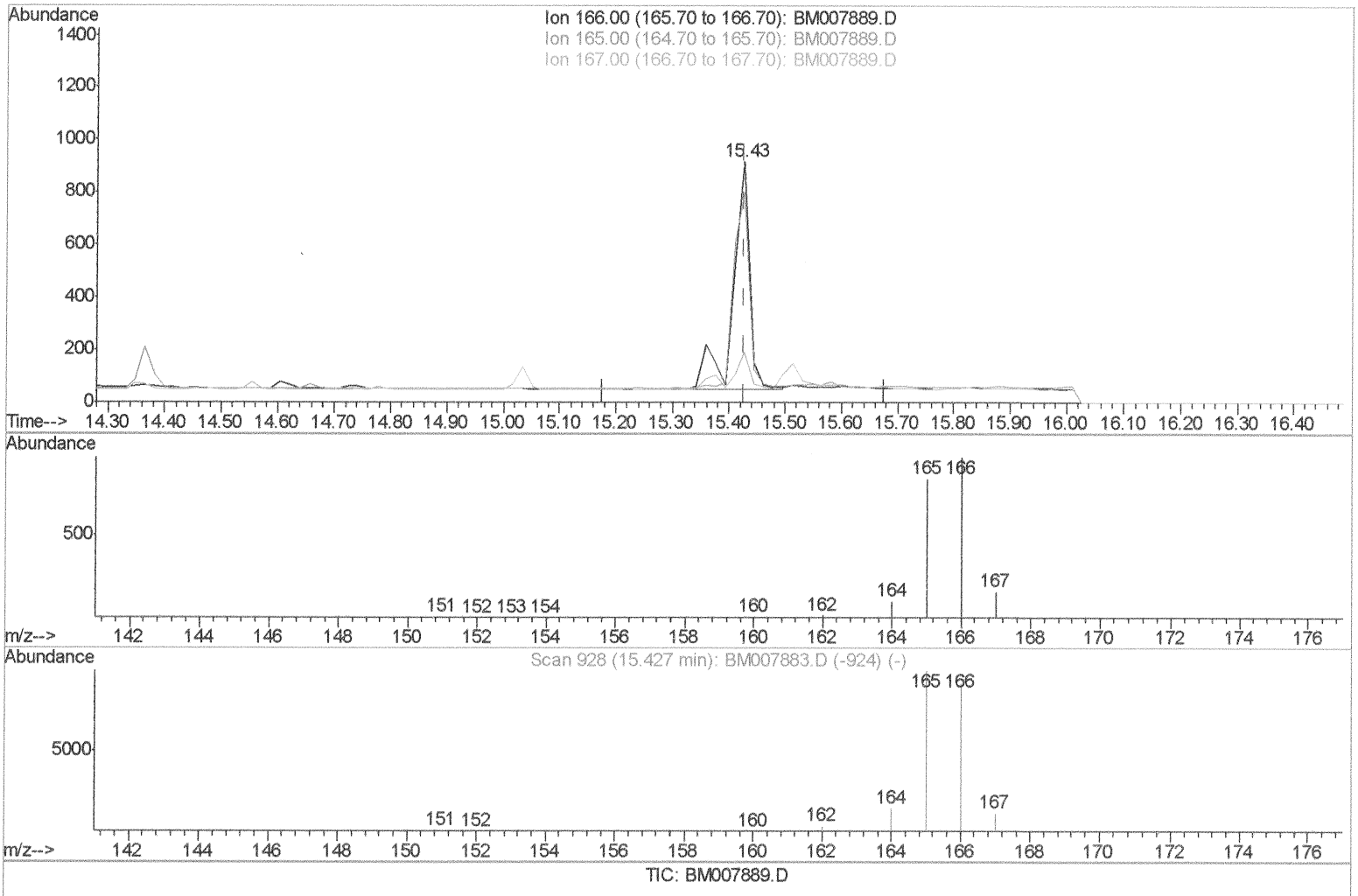


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 01:22:29 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM



TIC: BM007889.D

(9) Fluorene

15.427min (-0.000) 0.26ng/ul

response 1822

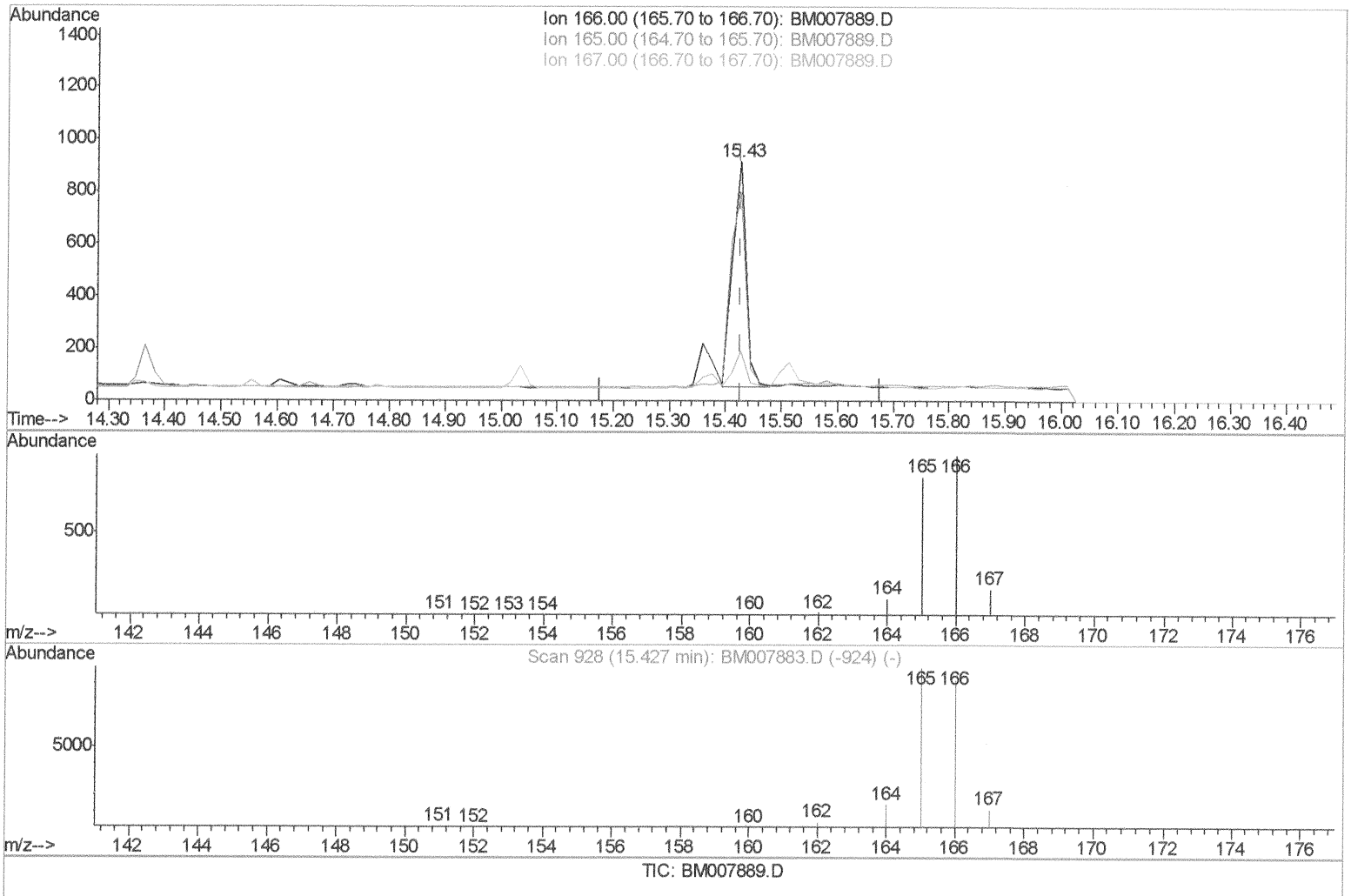
Ion	Exp%	Act%
166.00	100	100
165.00	91.80	87.36
167.00	18.30	20.81
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 01:22:29 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM



TIC: BM007889.D

(9) Fluorene

15.427min (-0.000) 0.21ng/ul m SJ 11/16/16

response 1503

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	87.36
167.00	18.30	20.81
0.00	0.00	0.00

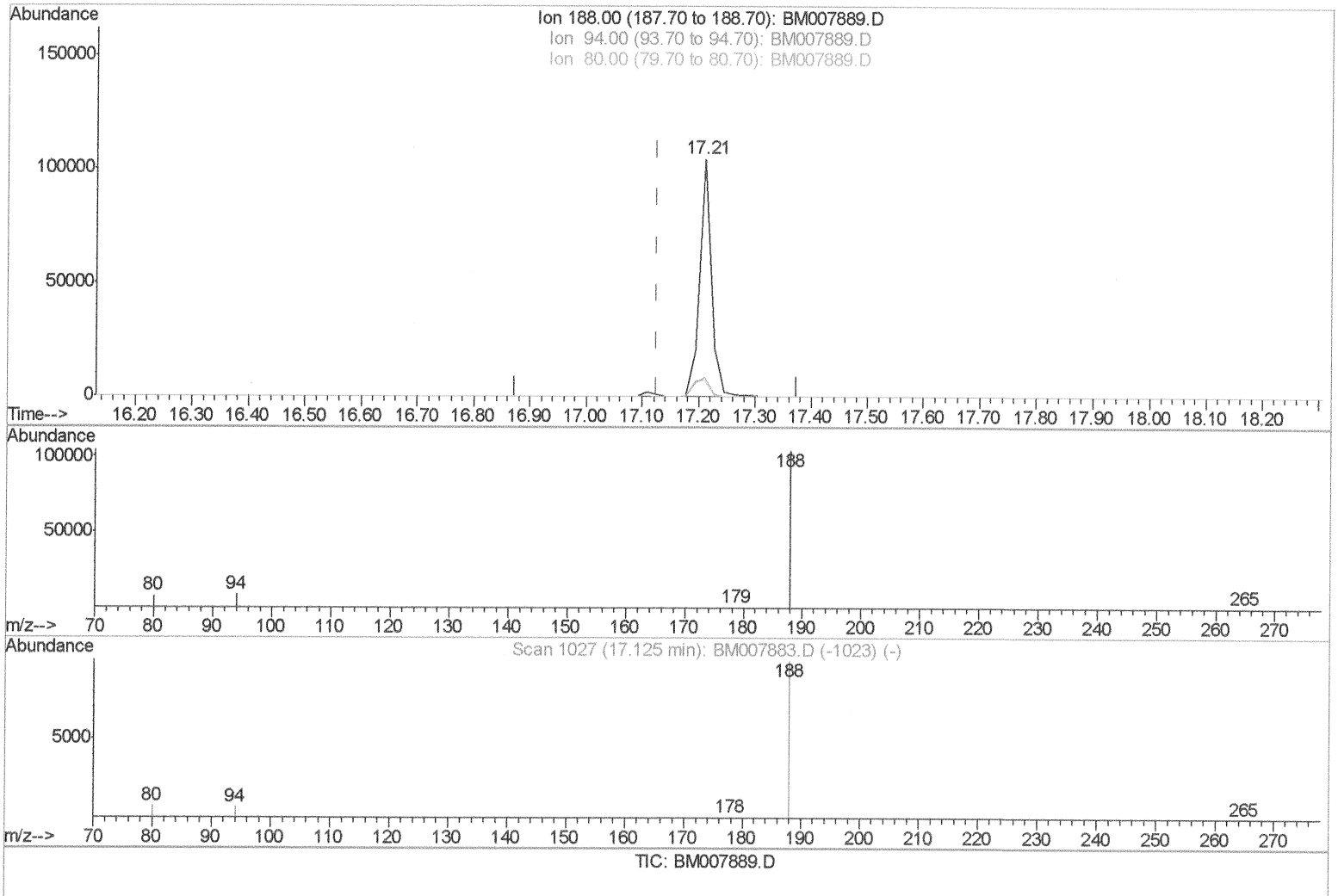
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 01:22:29 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM



TIC: BM007889.D

(10) Phenanthrene-d10 (I)

17.210min (+0.086) 0.40ng/ul

response 153004

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.03#
80.00	11.80	7.01#
0.00	0.00	0.00

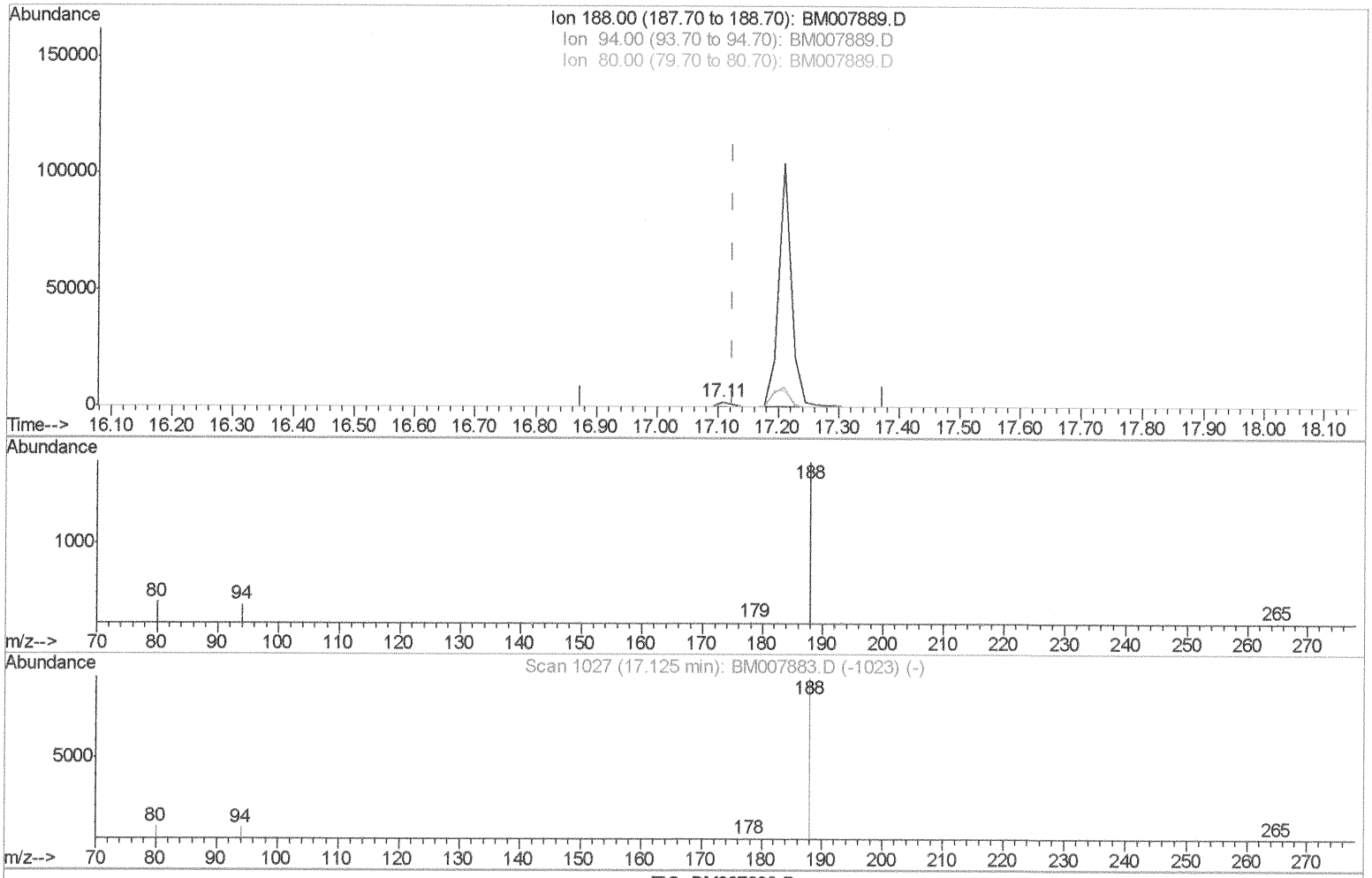
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 01:22:29 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM



TIC: BM007889.D

(10) Phenanthrene-d10 (I)

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

response 3325

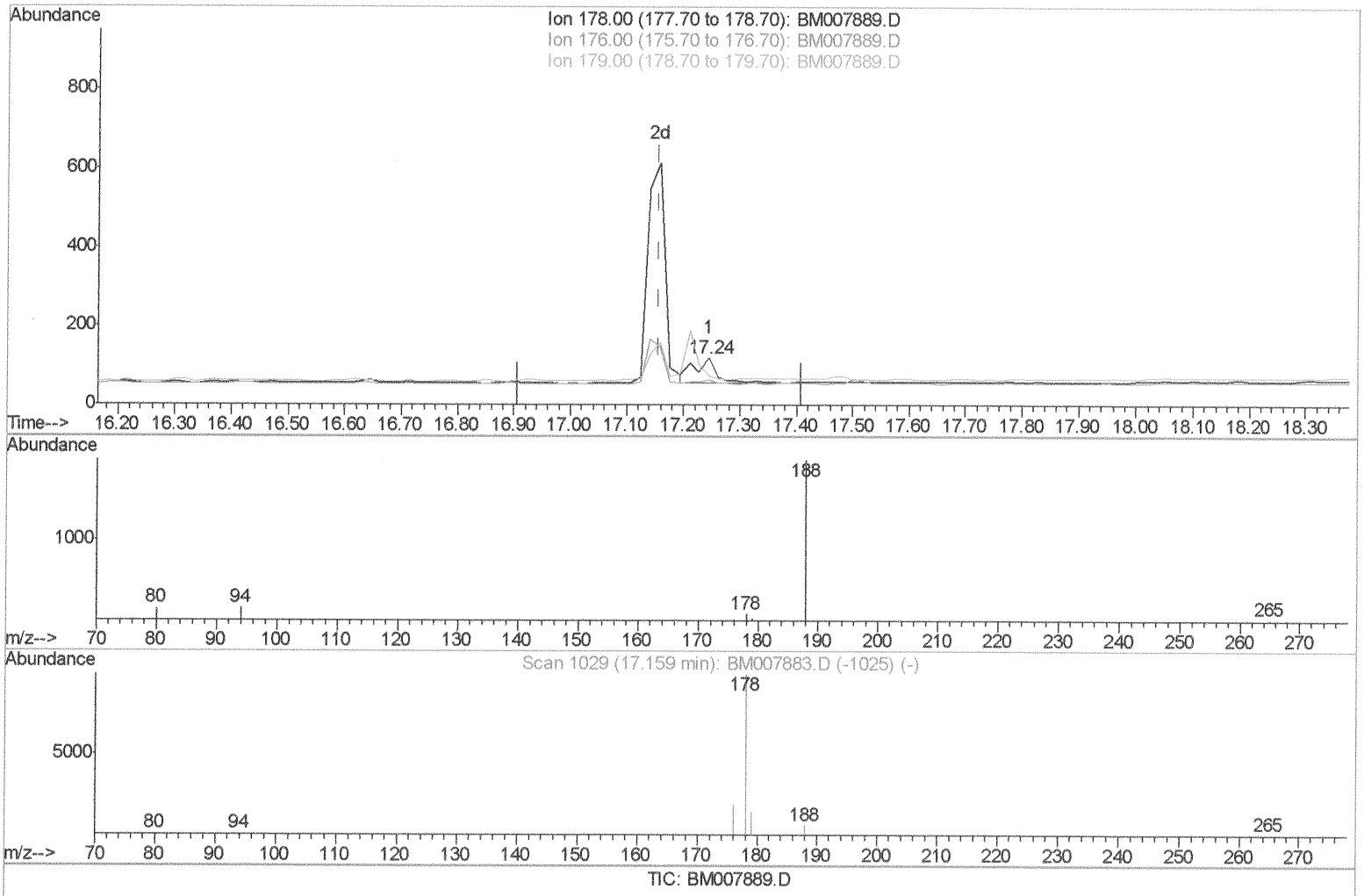
Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.27#
80.00	11.80	15.05#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 02:40:24 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM



TIC: BM007889.D

(12) Phenanthrene

17.245min (+0.086) 0.02ng/ul

response 189

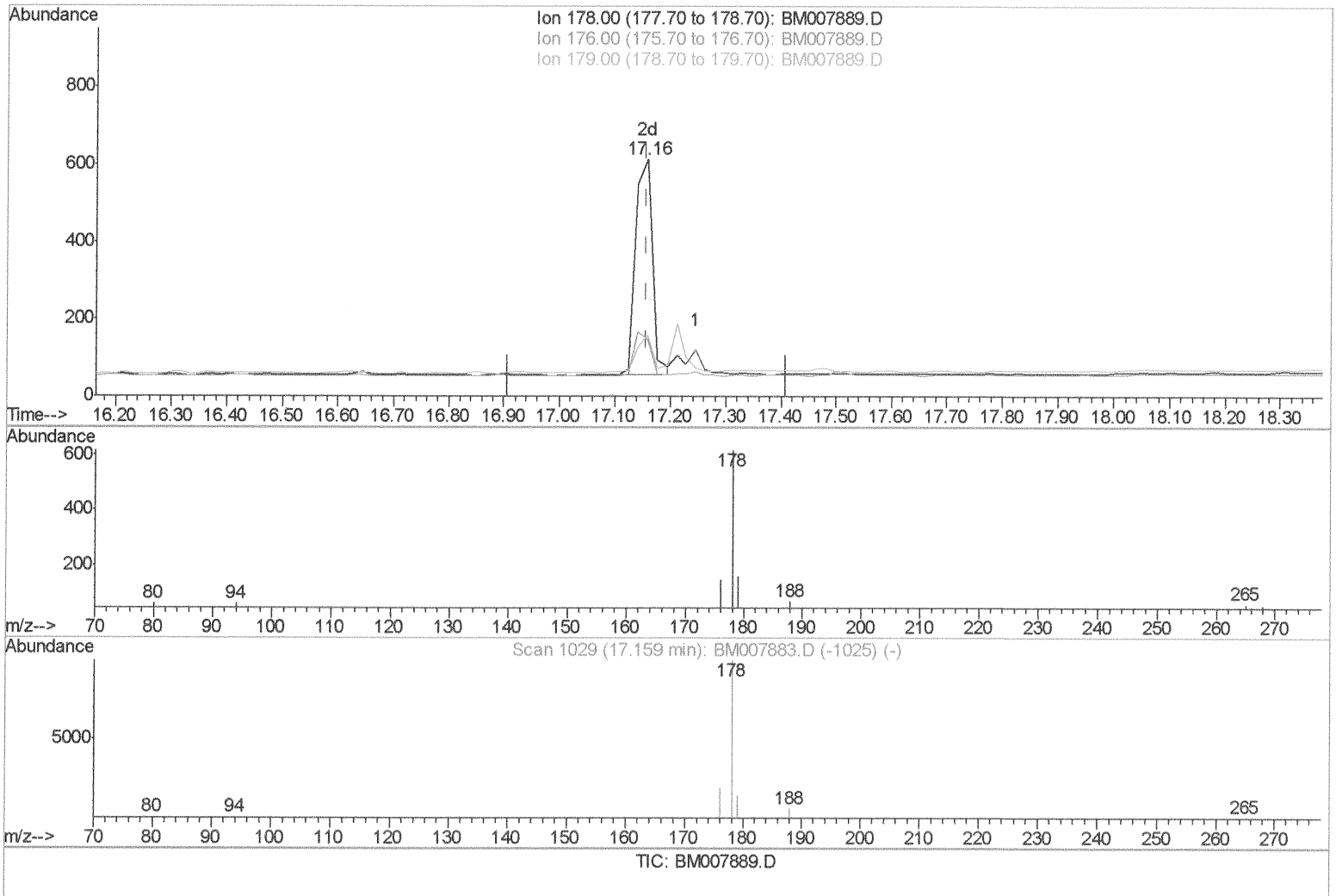
Ion	Exp%	Act%
178.00	100	100
176.00	23.00	53.78#
179.00	17.00	63.03#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 02:40:24 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM



TIC: BM007889.D

(12) Phenanthrene

17.159min (-0.000) 0.13ng/ul m SJ 11/16/16

response 1163

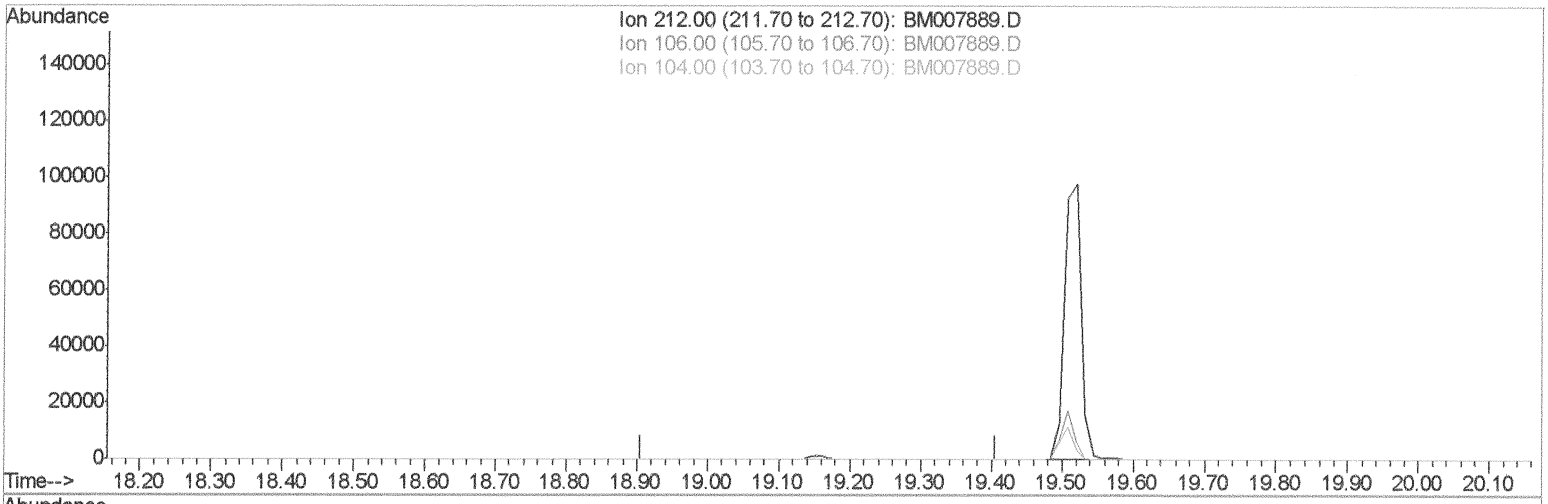
Ion	Exp%	Act%
178.00	100	100
176.00	23.00	24.27
179.00	17.00	25.73#
0.00	0.00	0.00

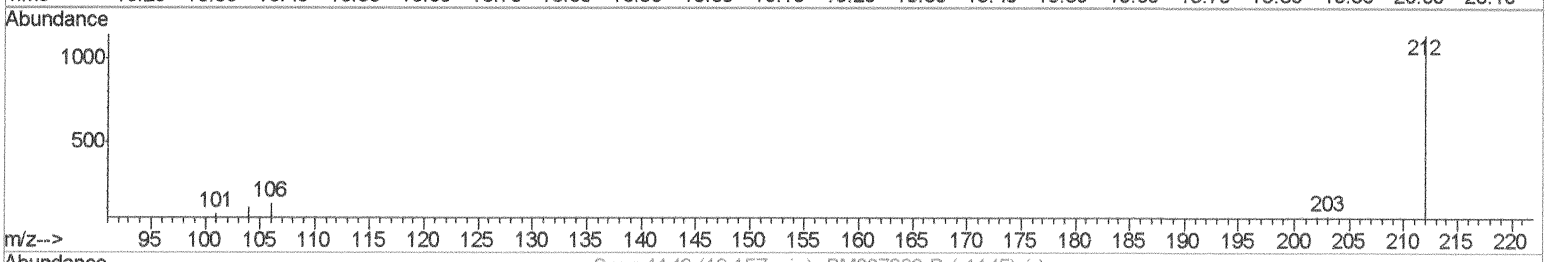
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

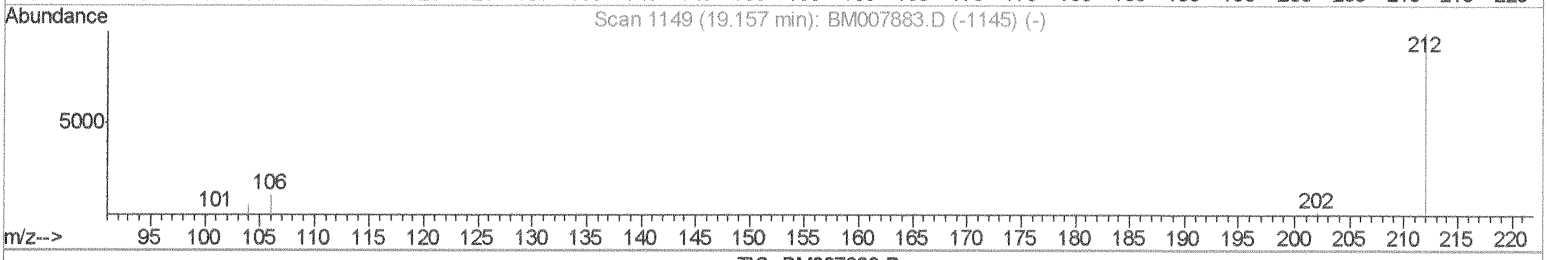
Quant Time: Nov 16 02:40:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM







TIC: BM007889.D

(14) Fluoranthene-d10 (SURR)

19.157min (-19.157) 0.00ng/ul

response 0

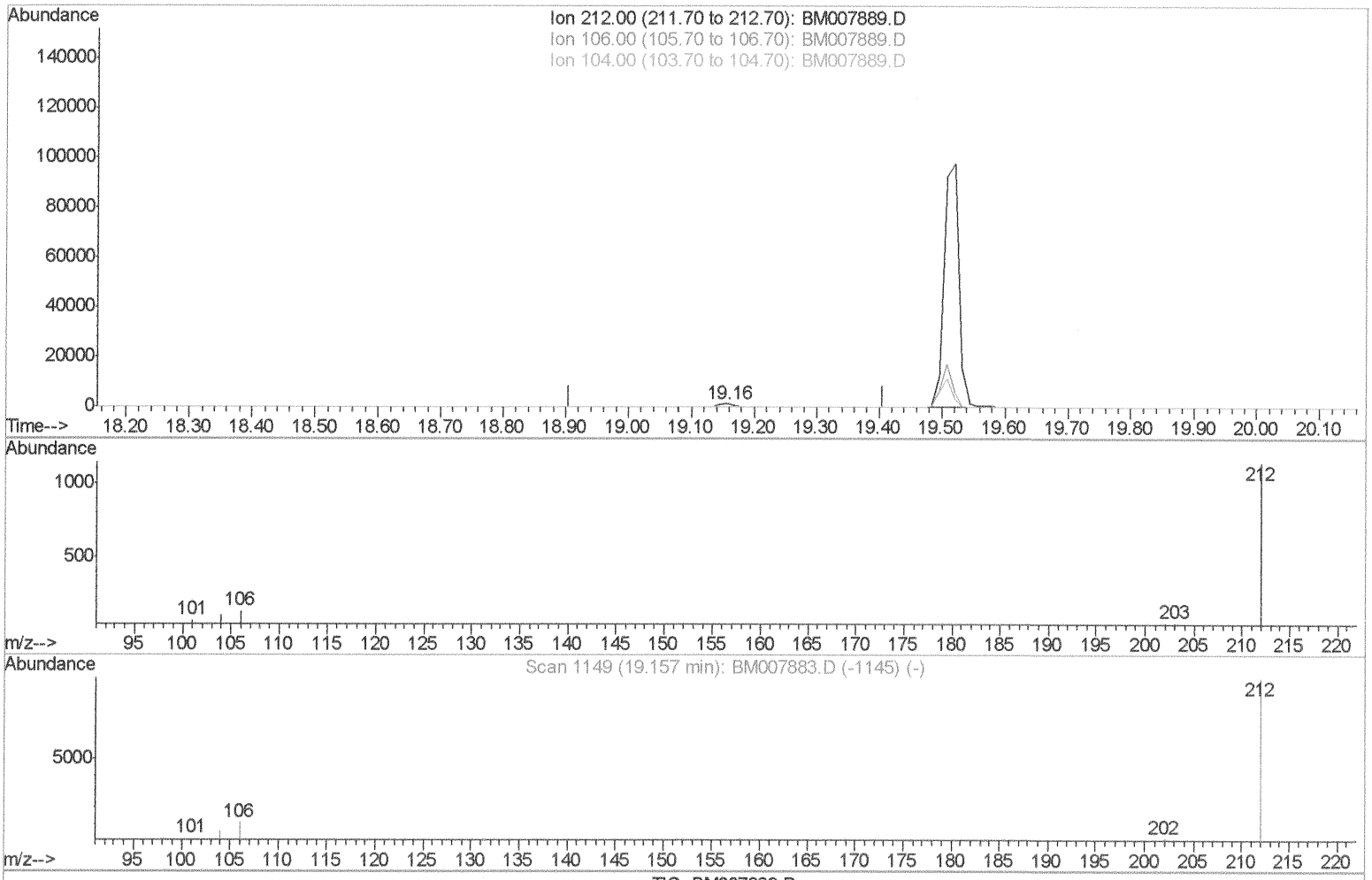
Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 02:40:24 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM



TIC: BM007889.D

(14) Fluoranthene-d10 (SURR)

19.157min (-0.000) 0.24ng/ul m SJ 11/16/16

response 1802

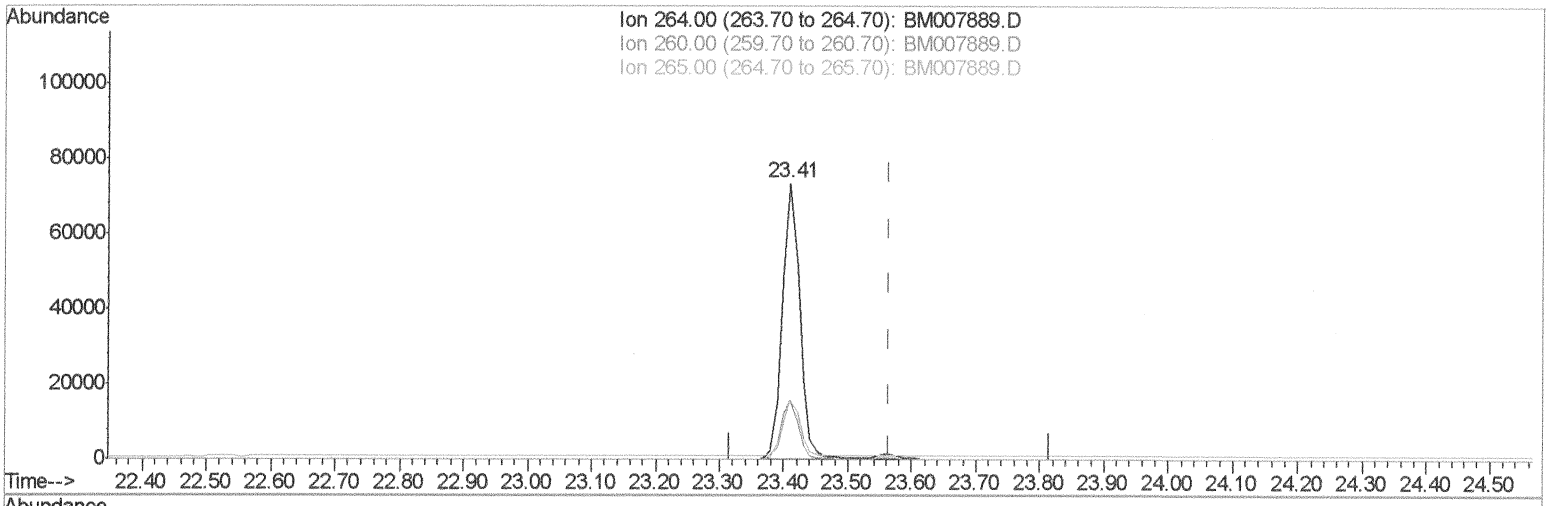
Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

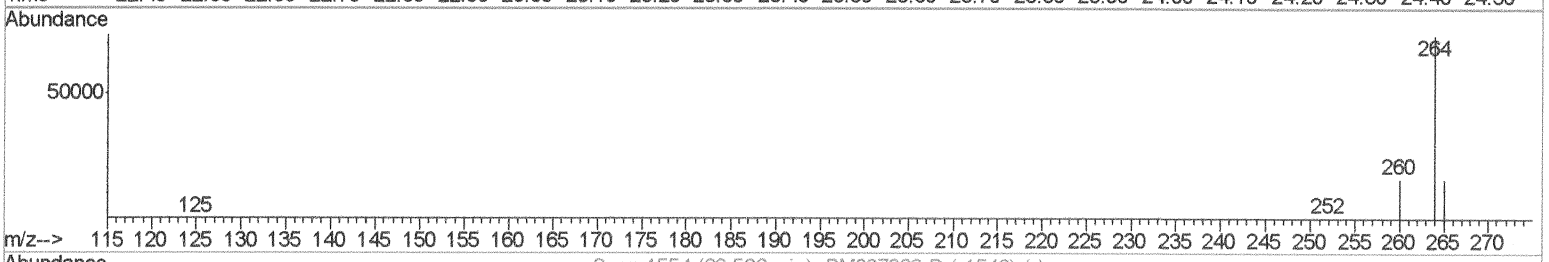
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

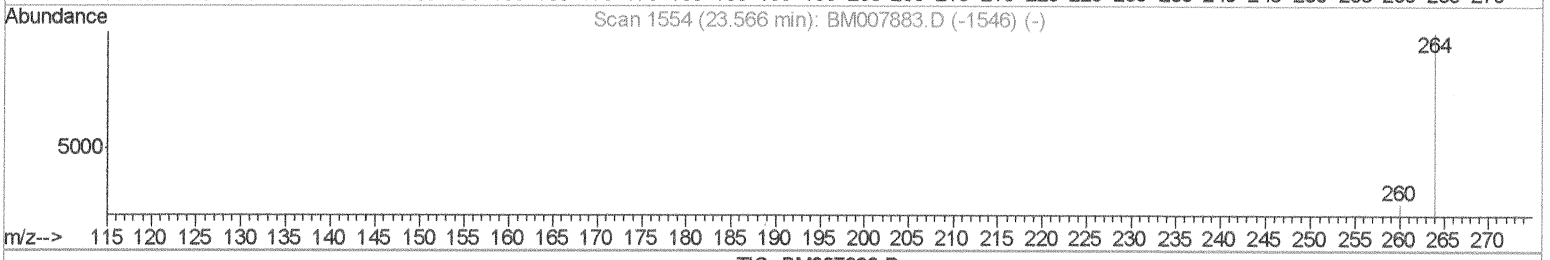
Quant Time: Nov 16 02:40:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM







TIC: BM007889.D

(20) Perylene-d12 (I)

23.409min (-0.156) 0.40ng/ul

response 139558

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.67#
265.00	103.50	21.85#
0.00	0.00	0.00

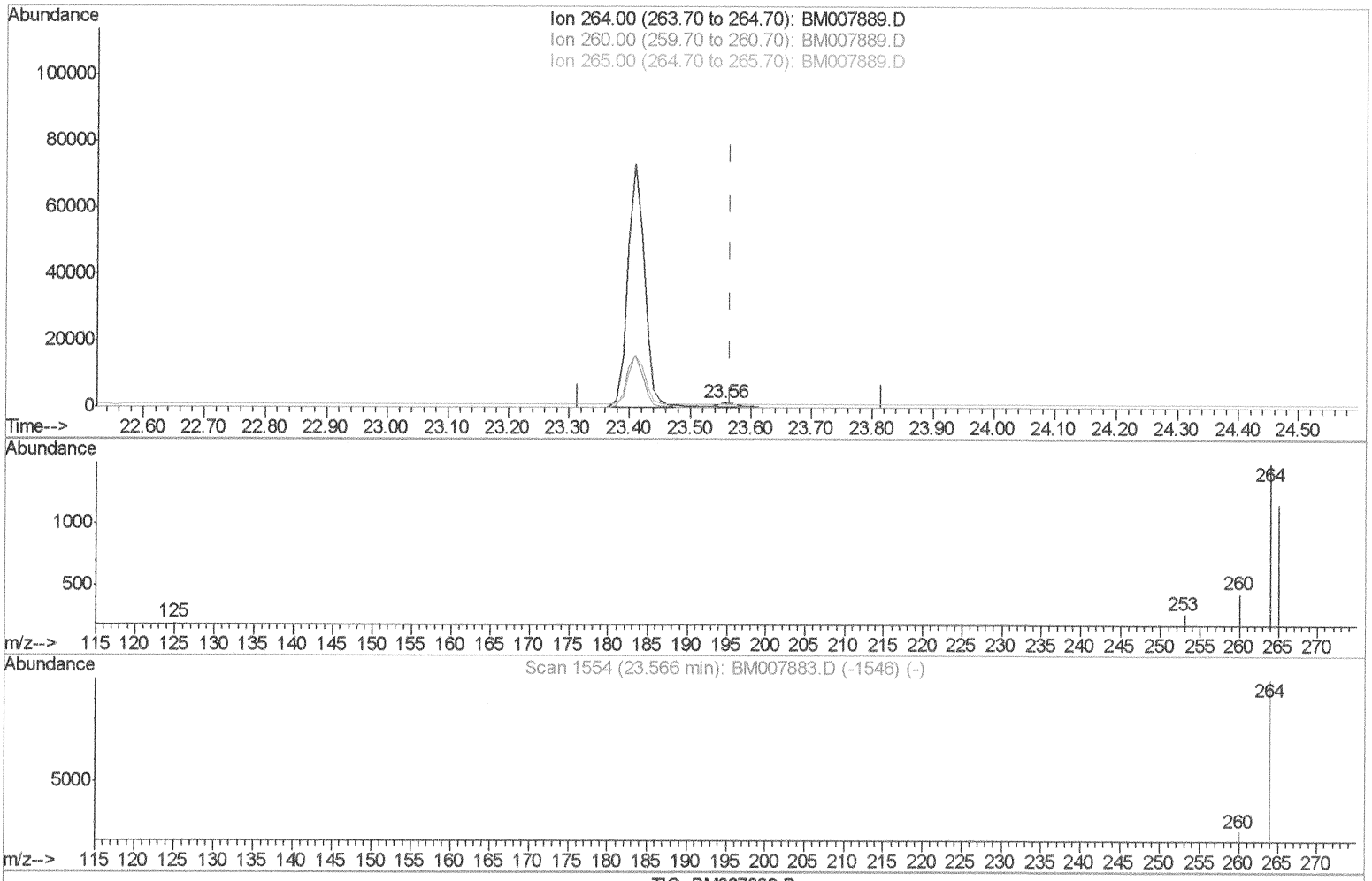
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 02:40:24 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM



TIC: BM007889.D

(20) Perylene-d12 (I)

23.555min (-0.010) 0.40ng/ul m SJ 11/16/16

response 2651

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.76
265.00	103.50	77.95#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007889.D
Acq On : 15 Nov 2016 13:04
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 16 02:42:46 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J02

Manual Integrations APPROVED
Umangi
11/16/2016 6:01:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.74	152	993	0.40	ng/ul	0.00	
2) Naphthalene-d8	10.51	136	3169	0.40	ng/ul	-0.01	
6) Acenaphthene-d10	14.37	164	1790	0.40	ng/ul	0.00	
10) Phenanthrene-d10	17.11	188	3325m	0.40	ng/ul	-0.02	SJ 11/16/16
16) Chrysene-d12	21.31	240	3335	0.40	ng/ul	0.00	
20) Perylene-d12	23.56	264	2651m	0.40	ng/ul	-0.01	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.11	152	818	0.22	ng/ul	-0.01	SJ 11/16/16
14) Fluoranthene-d10	19.16	212	1802m	0.24	ng/ul	0.00	
Target Compounds						Qvalue	
3) Naphthalene	10.56	128	157941	19.38	ng/ul#	92	
5) 2-Methylnaphthalene	12.18	142	3789	0.74	ng/ul	98	
8) Acenaphthene	14.42	153	2673	0.42	ng/ul	90	
9) Fluorene	15.43	166	1503m	0.21	ng/ul		SJ 11/16/16
12) Phenanthrene	17.16	178	1163m	0.13	ng/ul		

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