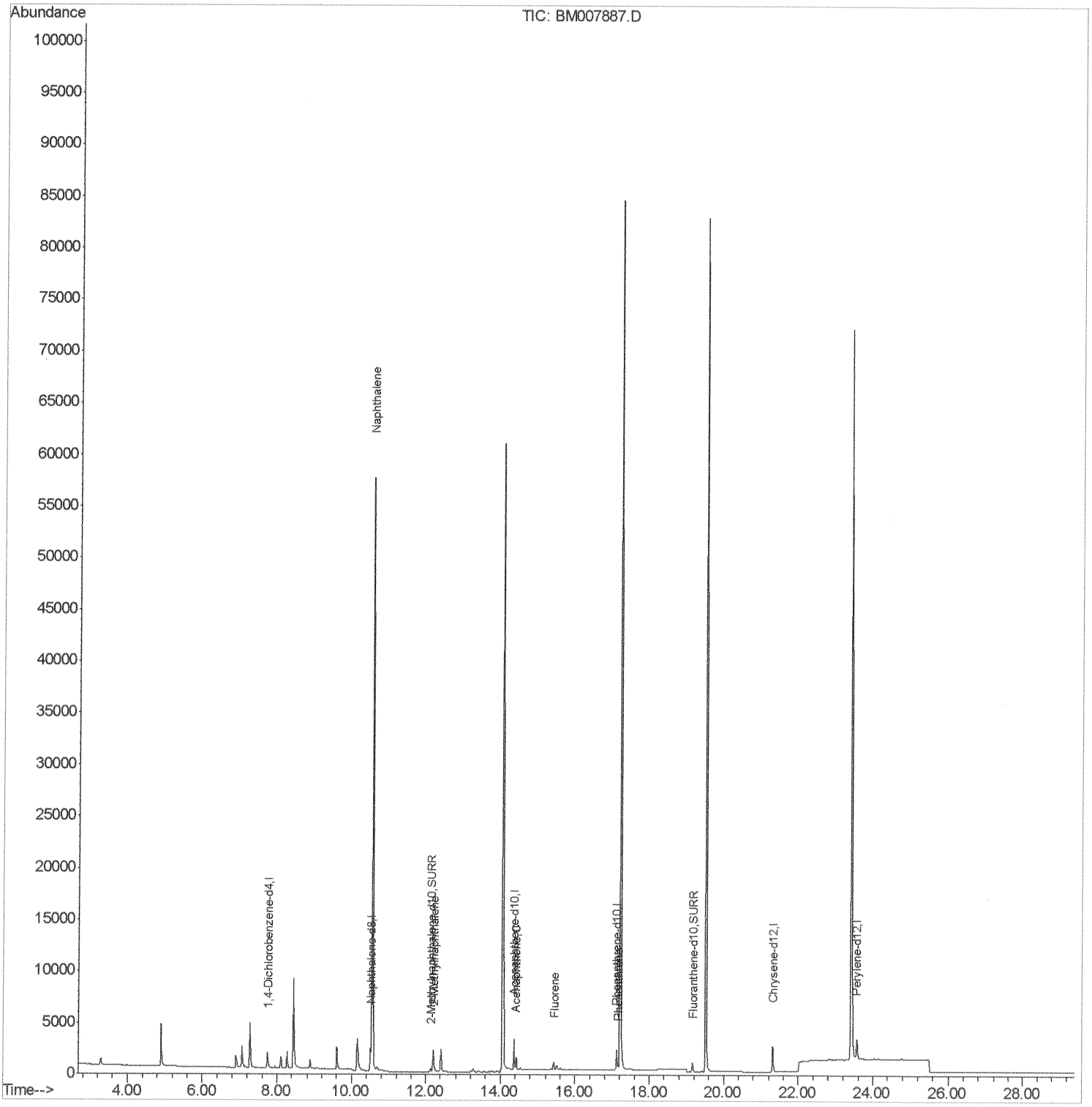
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 02:38:13 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 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM

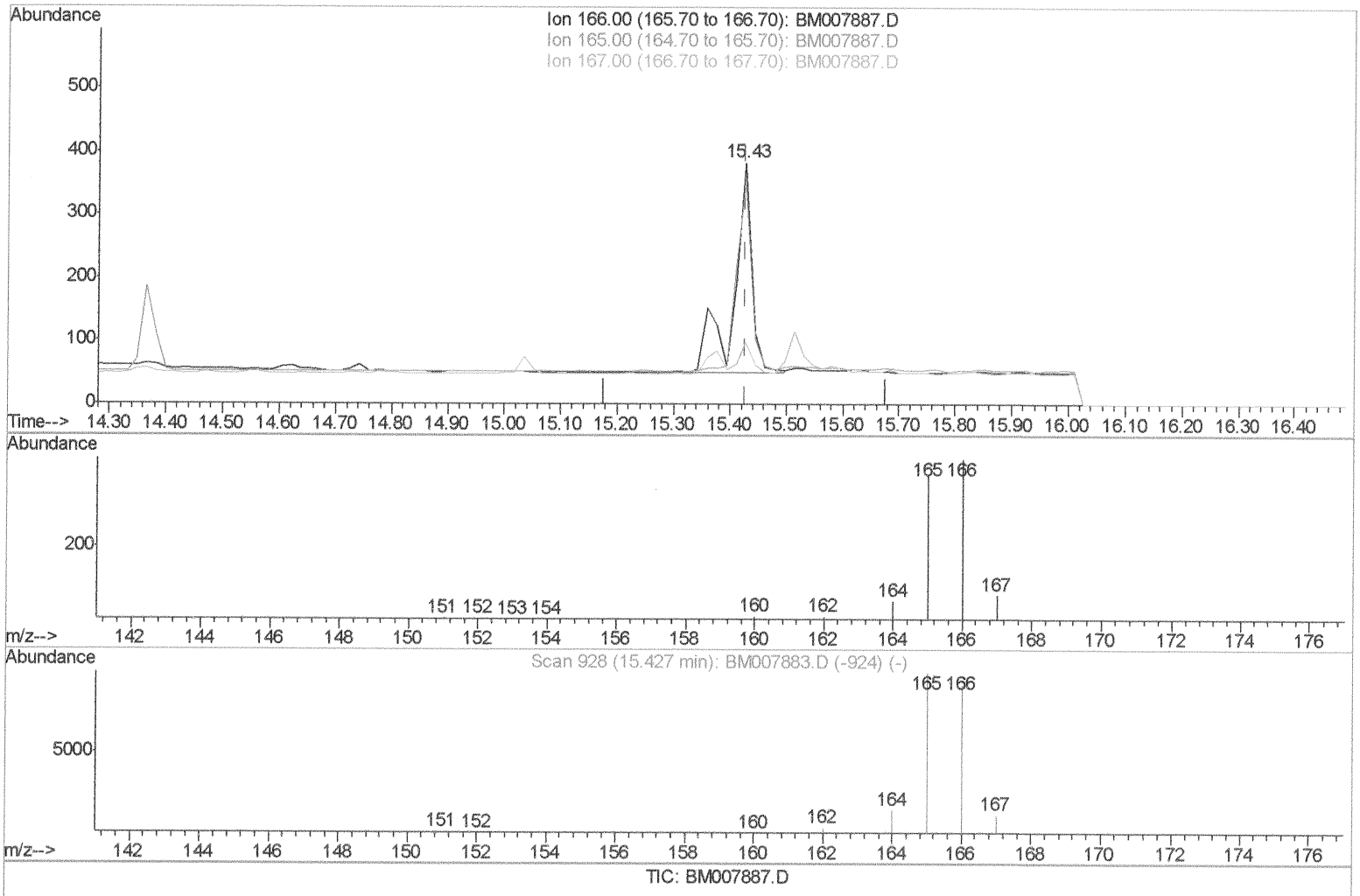


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 01:22:15 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 :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM



TIC: BM007887.D

(9) Fluorene

15.428min (+0.000) 0.12ng/ul

response 774

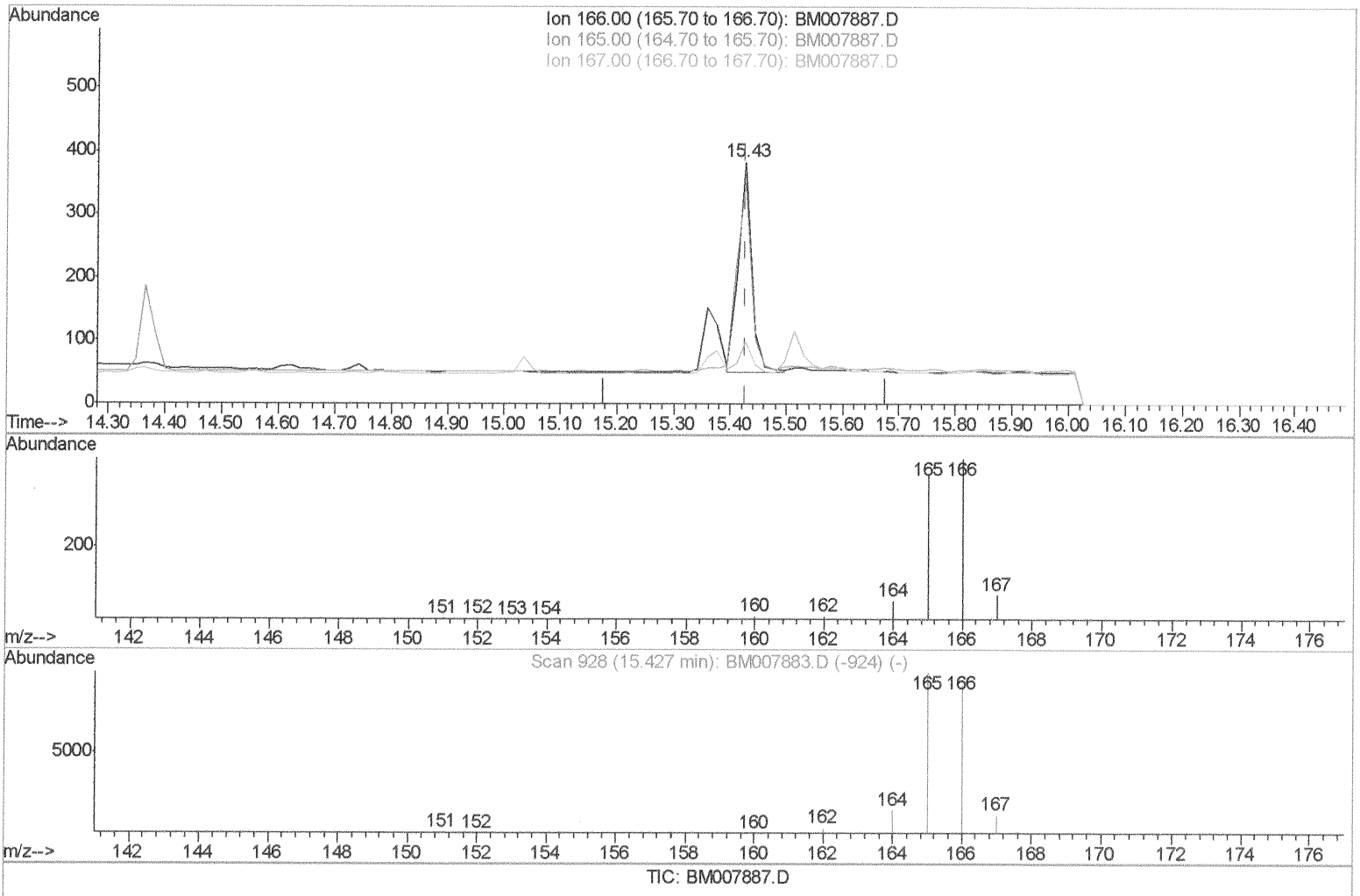
Ion	Exp%	Act%
166.00	100	100
165.00	91.80	91.88
167.00	18.30	25.92#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 01:22:15 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 :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM



TIC: BM007887.D

(9) Fluorene

15.428min (+0.000) 0.09ng/ul m SJ 11/16/16

response 565

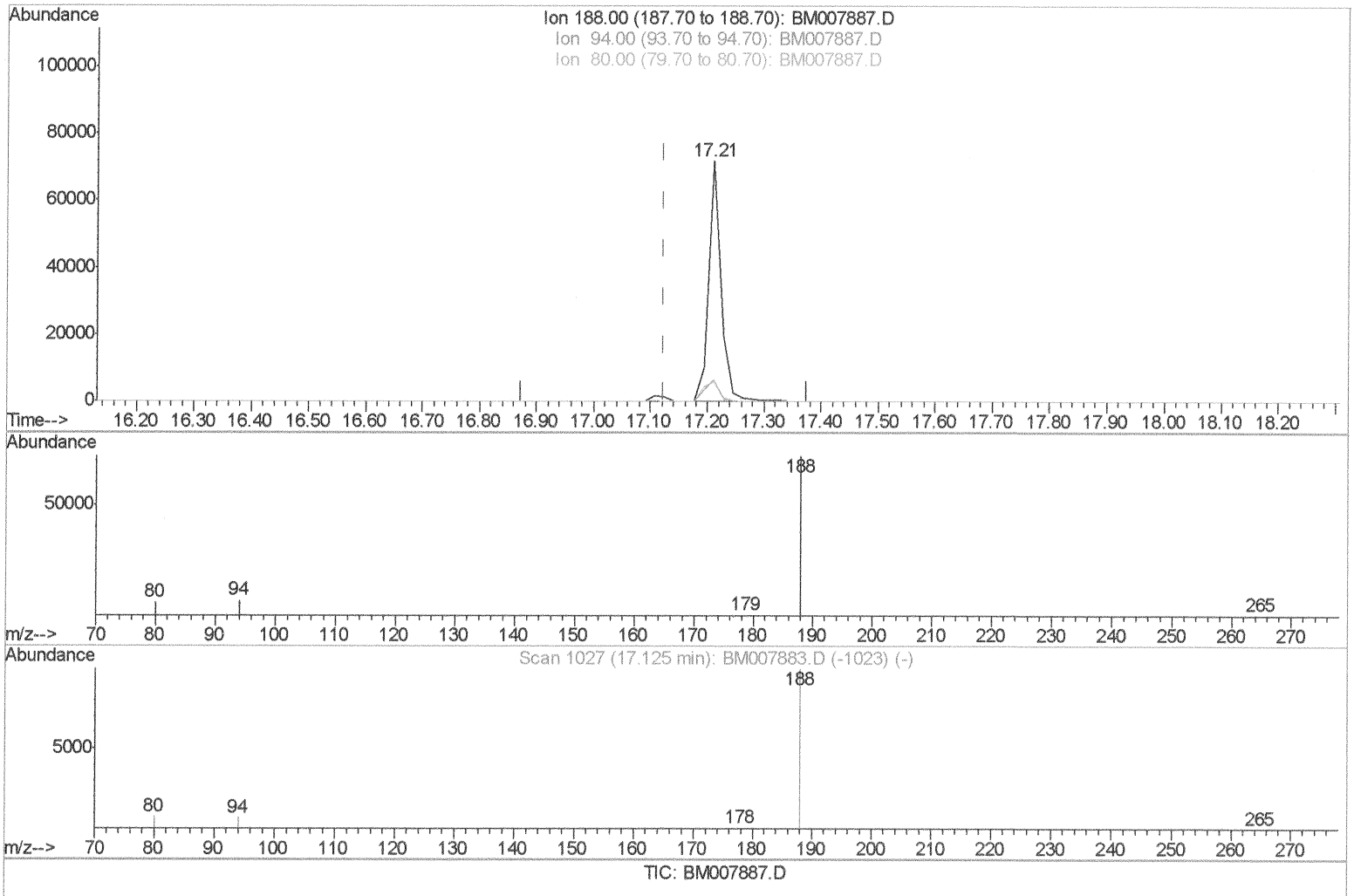
Ion	Exp%	Act%
166.00	100	100
165.00	91.80	91.88
167.00	18.30	25.92#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 01:22:15 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 :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM



TIC: BM007887.D

(10) Phenanthrene-d10 (I)

17.211min (+0.086) 0.40ng/ul

response 108341

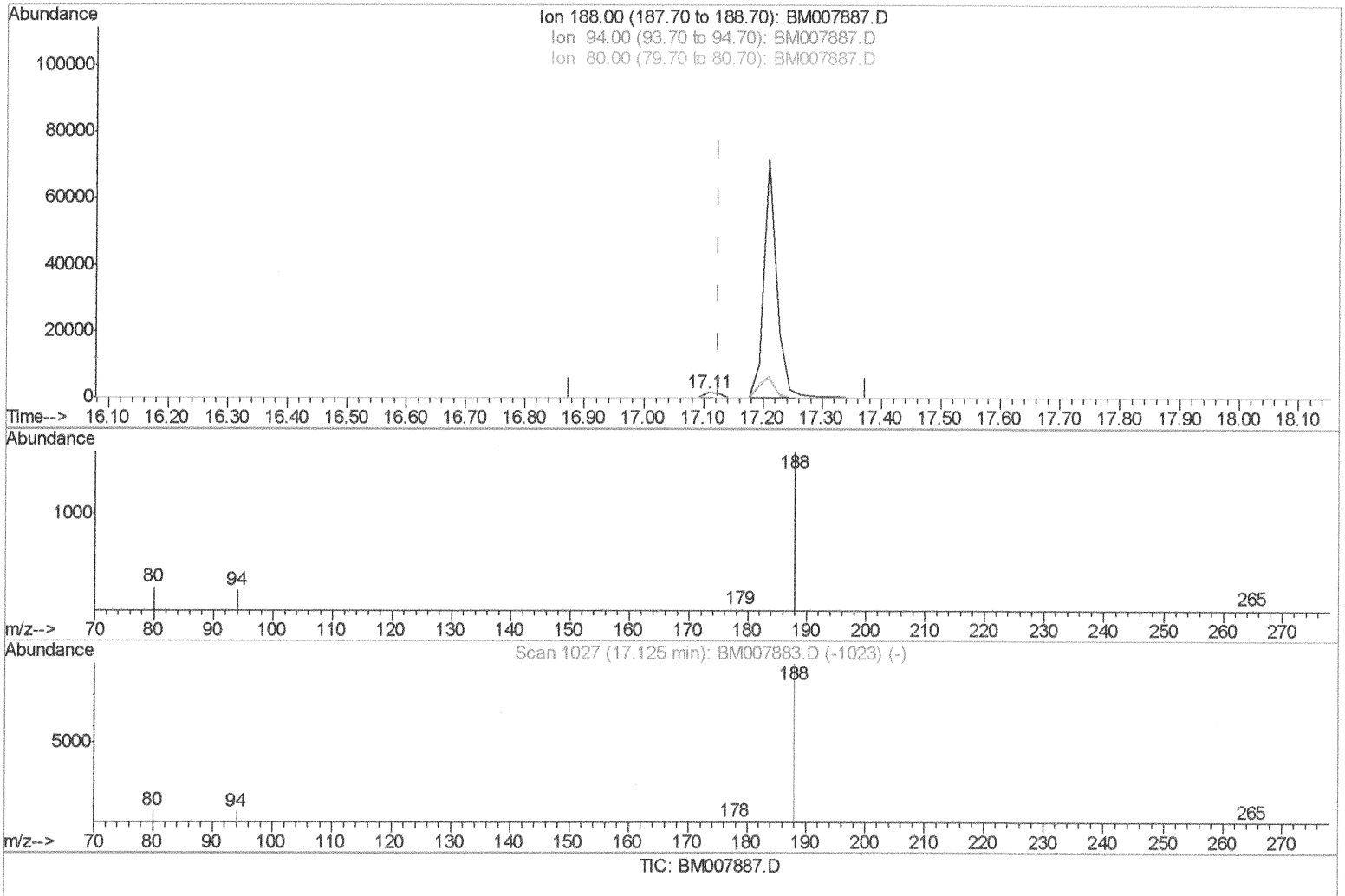
Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.97
80.00	11.80	8.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 01:22:15 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 :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM



TIC: BM007887.D

(10) Phenanthrene-d10 (I)

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

response 2990

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.89#
80.00	11.80	17.06#
0.00	0.00	0.00

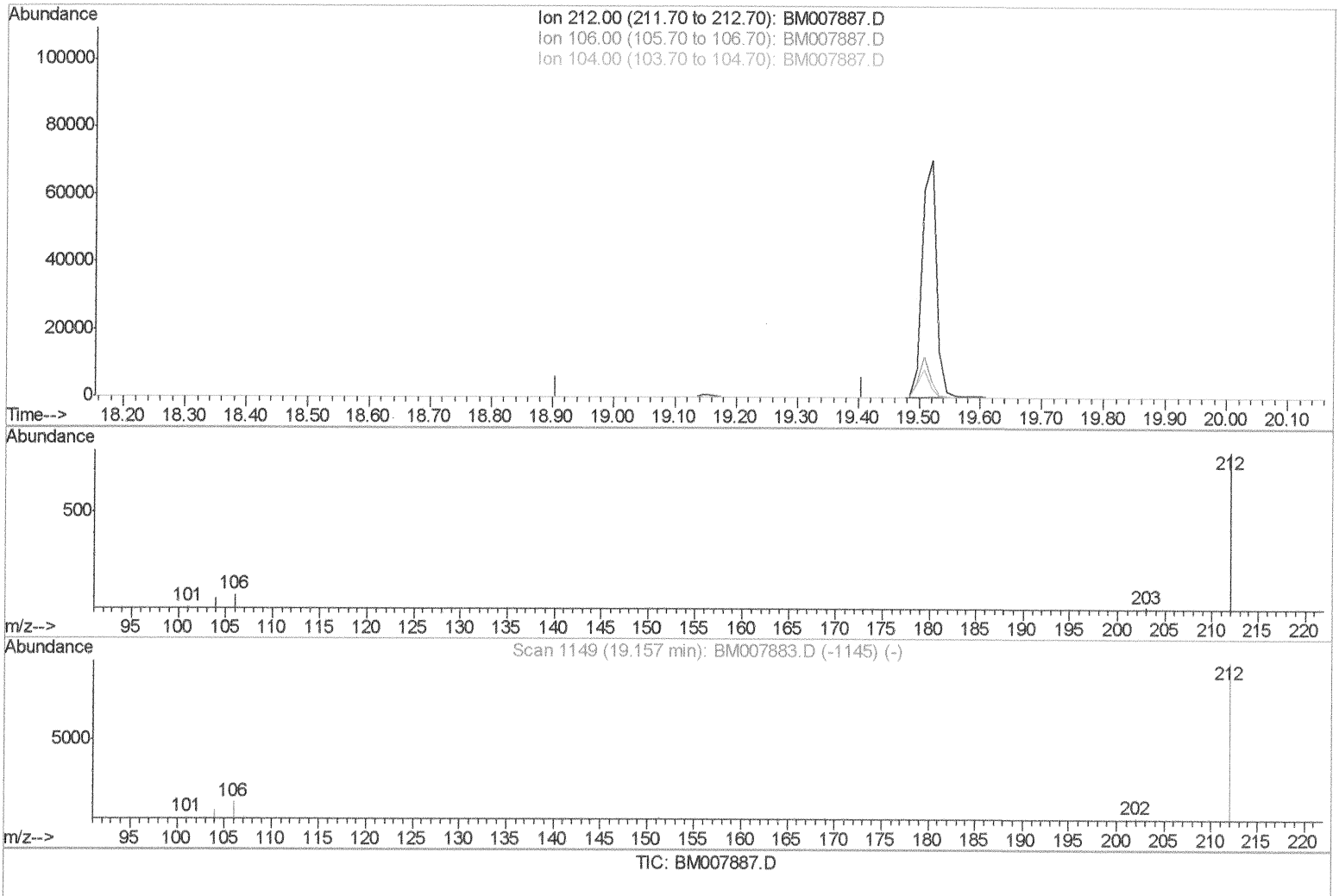
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 02:28:04 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 :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM



TIC: BM007887.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

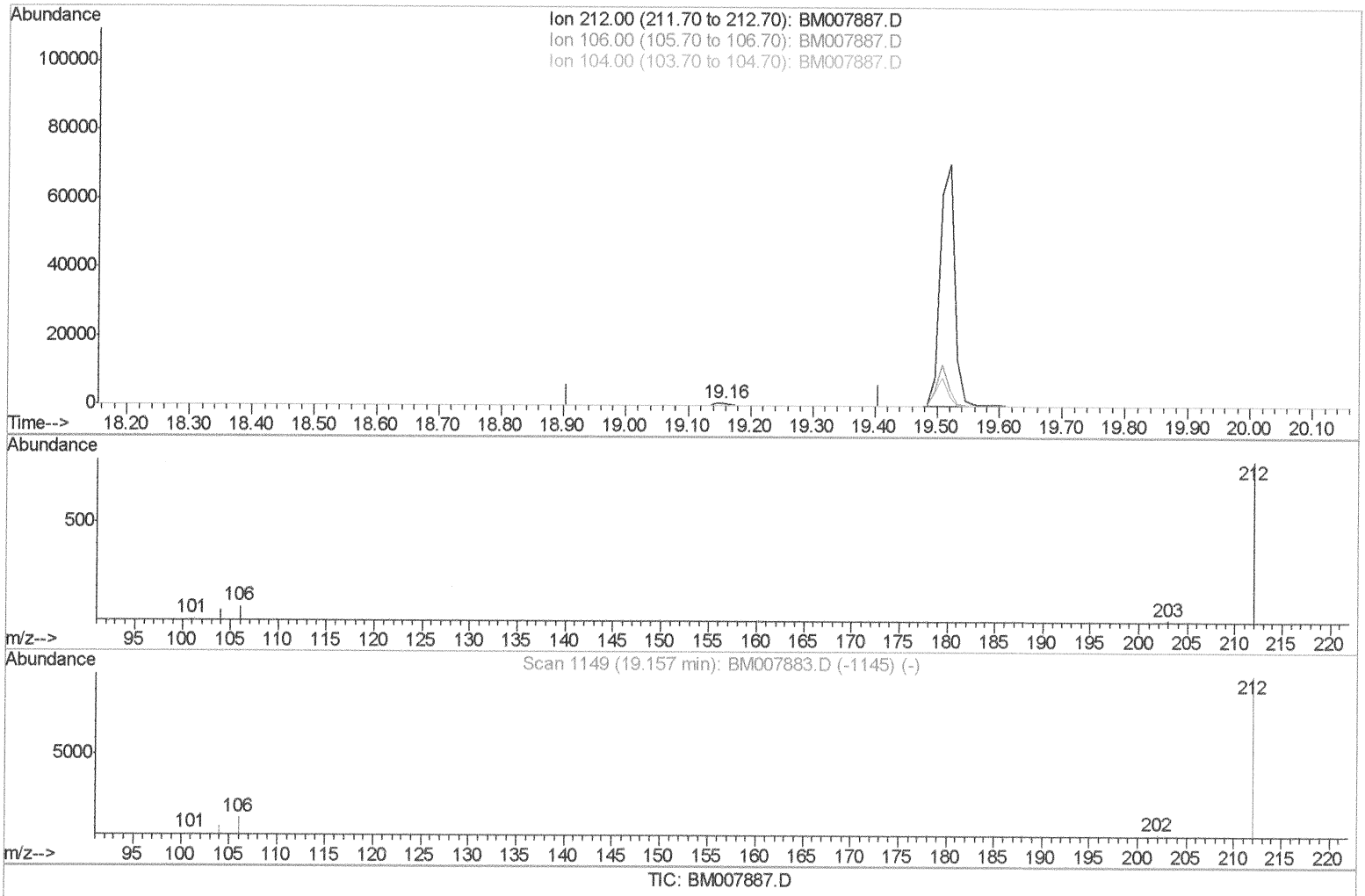
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 02:28:04 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 :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM



TIC: BM007887.D

(14) Fluoranthene-d10 (SURR)

19.157min (+0.000) 0.18ng/ul m SJ 11/16/16

response 1213

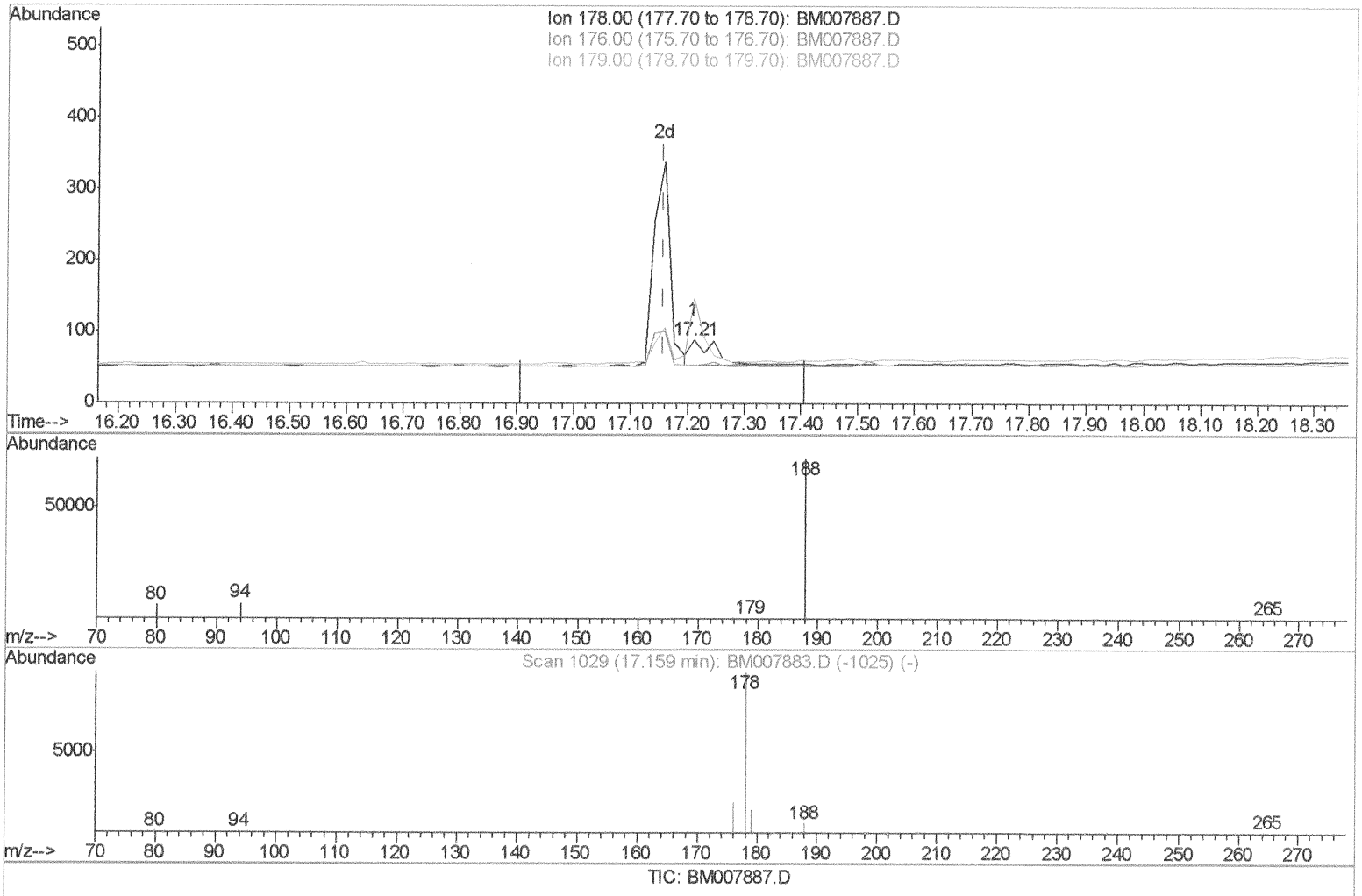
Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 02:29:45 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 :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM



TIC: BM007887.D

(12) Phenanthrene

17.211min (+0.052) 0.01ng/ul

response 105

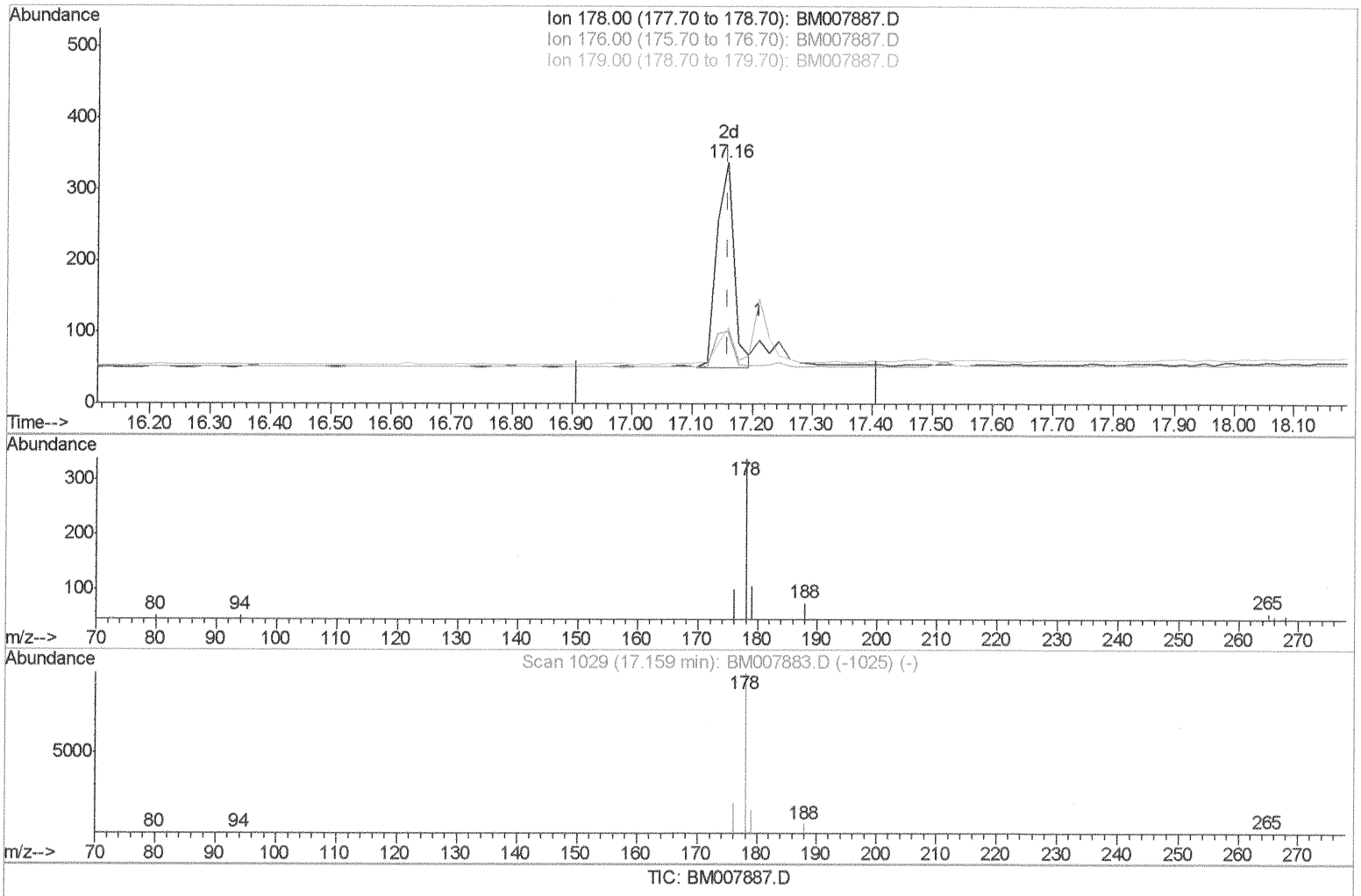
Ion	Exp%	Act%
178.00	100	100
176.00	23.00	60.67#
179.00	17.00	166.29#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 02:29:45 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 :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM



TIC: BM007887.D

(12) Phenanthrene

17.159min (+0.000) 0.07ng/ul m SJ 11/16/16

response 565

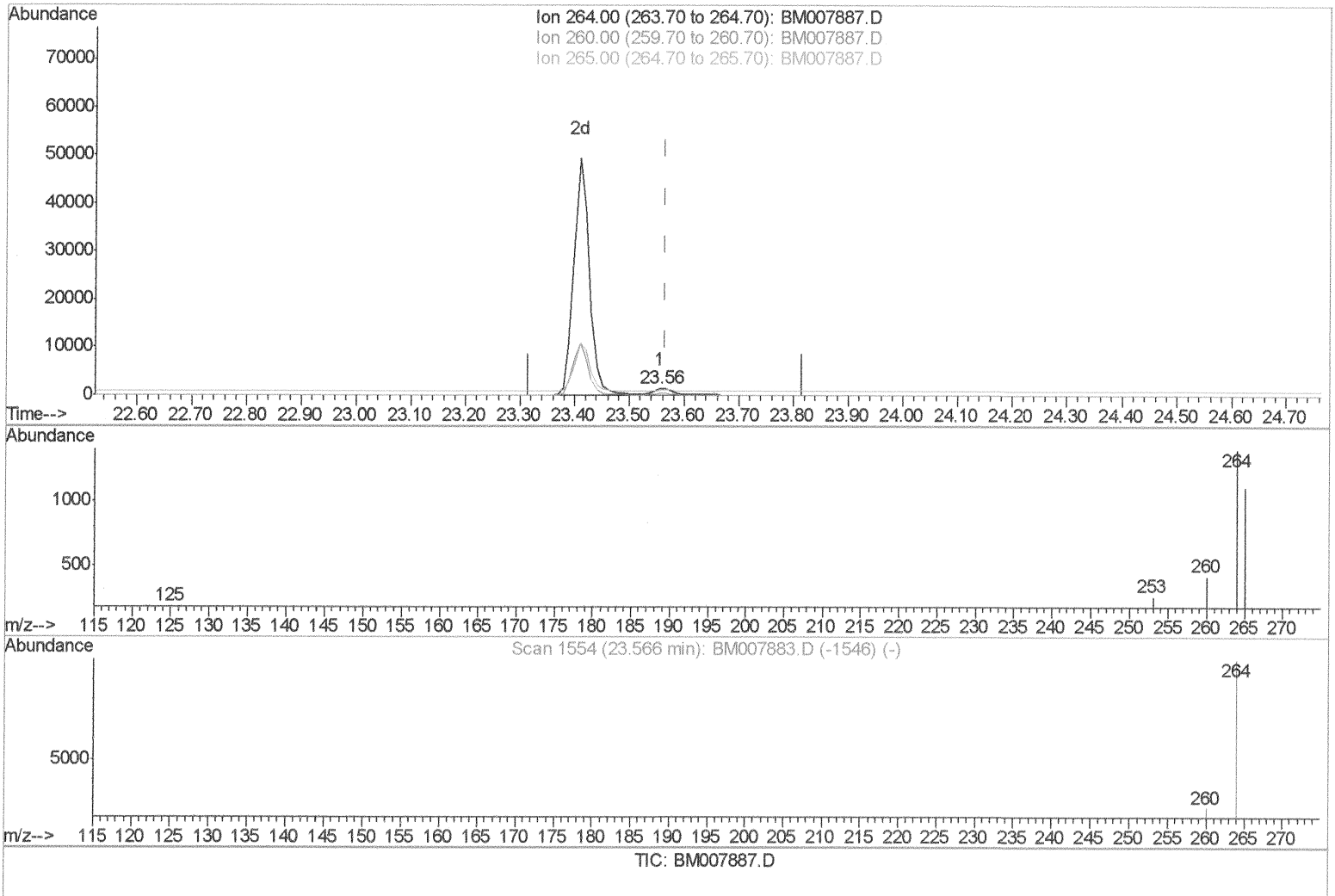
Ion	Exp%	Act%
178.00	100	100
176.00	23.00	29.88#
179.00	17.00	31.66#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 02:32:22 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 :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM



TIC: BM007887.D

(20) Perylene-d12 (I)

23.556min (-0.010) 0.40ng/ul

response 3571

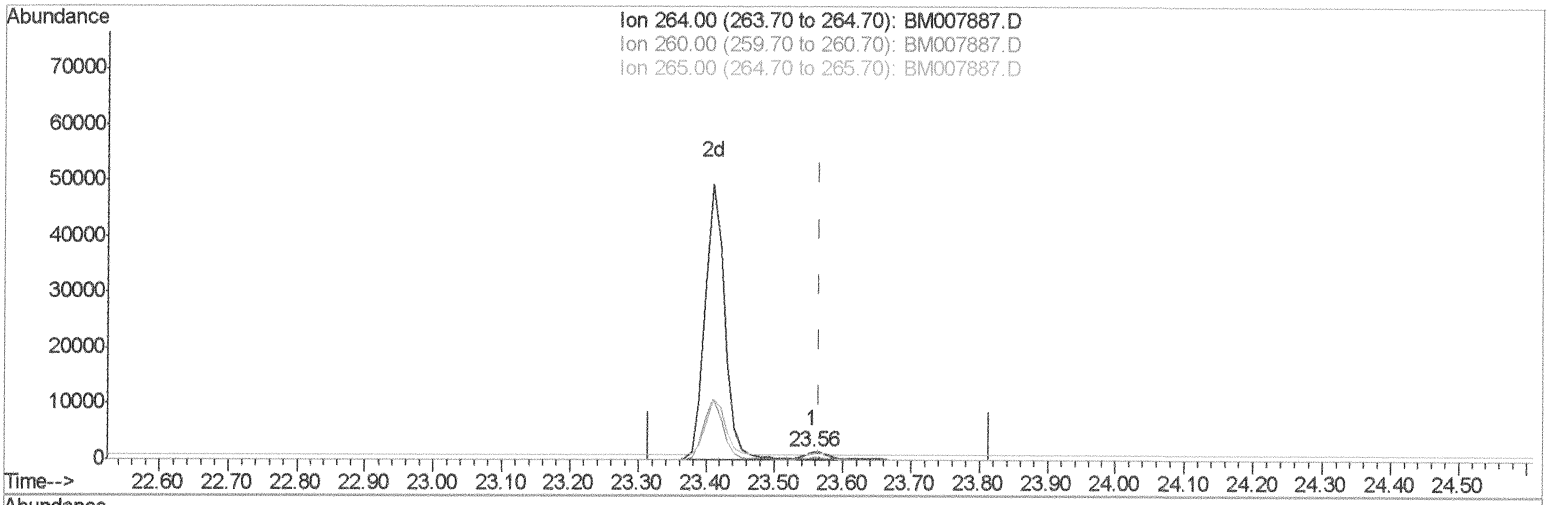
Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.83
265.00	103.50	79.26#
0.00	0.00	0.00

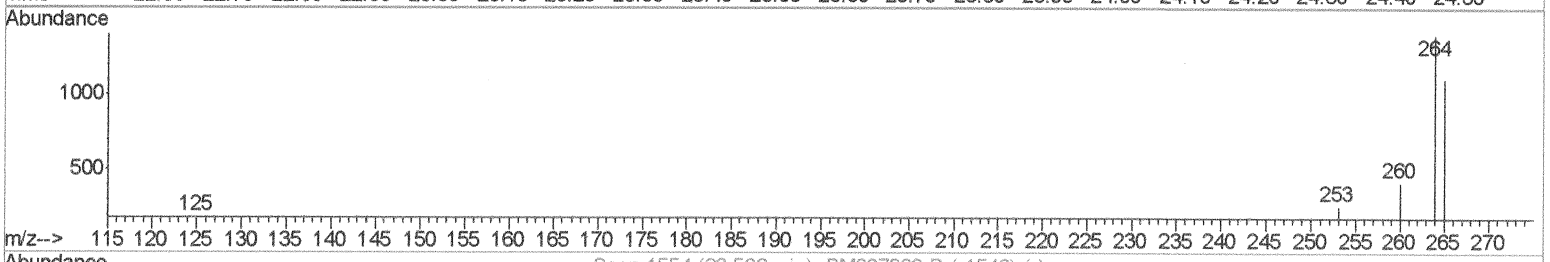
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

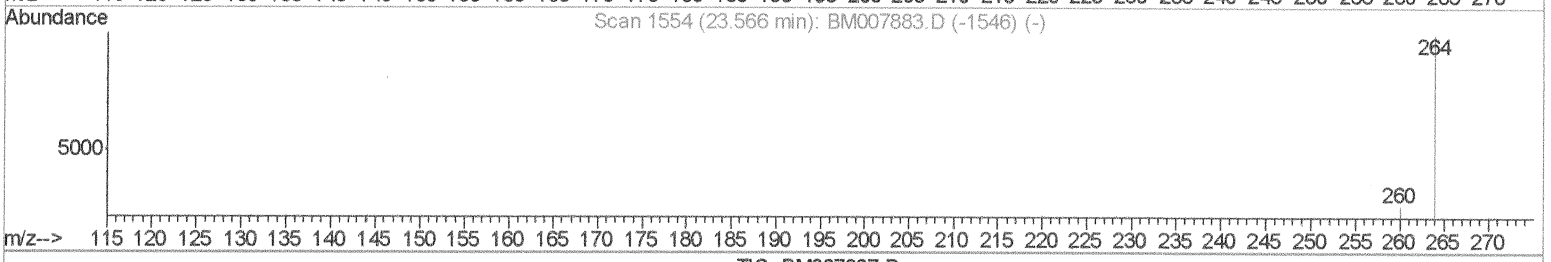
Quant Time: Nov 16 02:32:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 01:19:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM







TIC: BM007887.D

(20) Perylene-d12 (I)

23.556min (-0.010) 0.40ng/ul m SJ 11/16/16

response 2537

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.83
265.00	103.50	79.26#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007887.D
Acq On : 15 Nov 2016 11:53
Operator : UM/SJ
Sample : H5626-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2J00

Manual Integrations APPROVED
Umangi
11/16/2016 6:00:30 PM

Quant Time: Nov 16 02:38:13 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 01:19:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	947	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	3001	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	2990m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.31	240	3138	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	2537m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	531	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	1213m	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	81375	10.55	ng/ul#	93
5) 2-Methylnaphthalene	12.19	142	2093	0.43	ng/ul	100
8) Acenaphthene	14.42	153	966	0.16	ng/ul	87
9) Fluorene	15.43	166	565m	0.09	ng/ul	
12) Phenanthrene	17.16	178	565m	0.07	ng/ul	

SJ 11/16/16

SJ 11/16/16

SJ 11/16/16

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