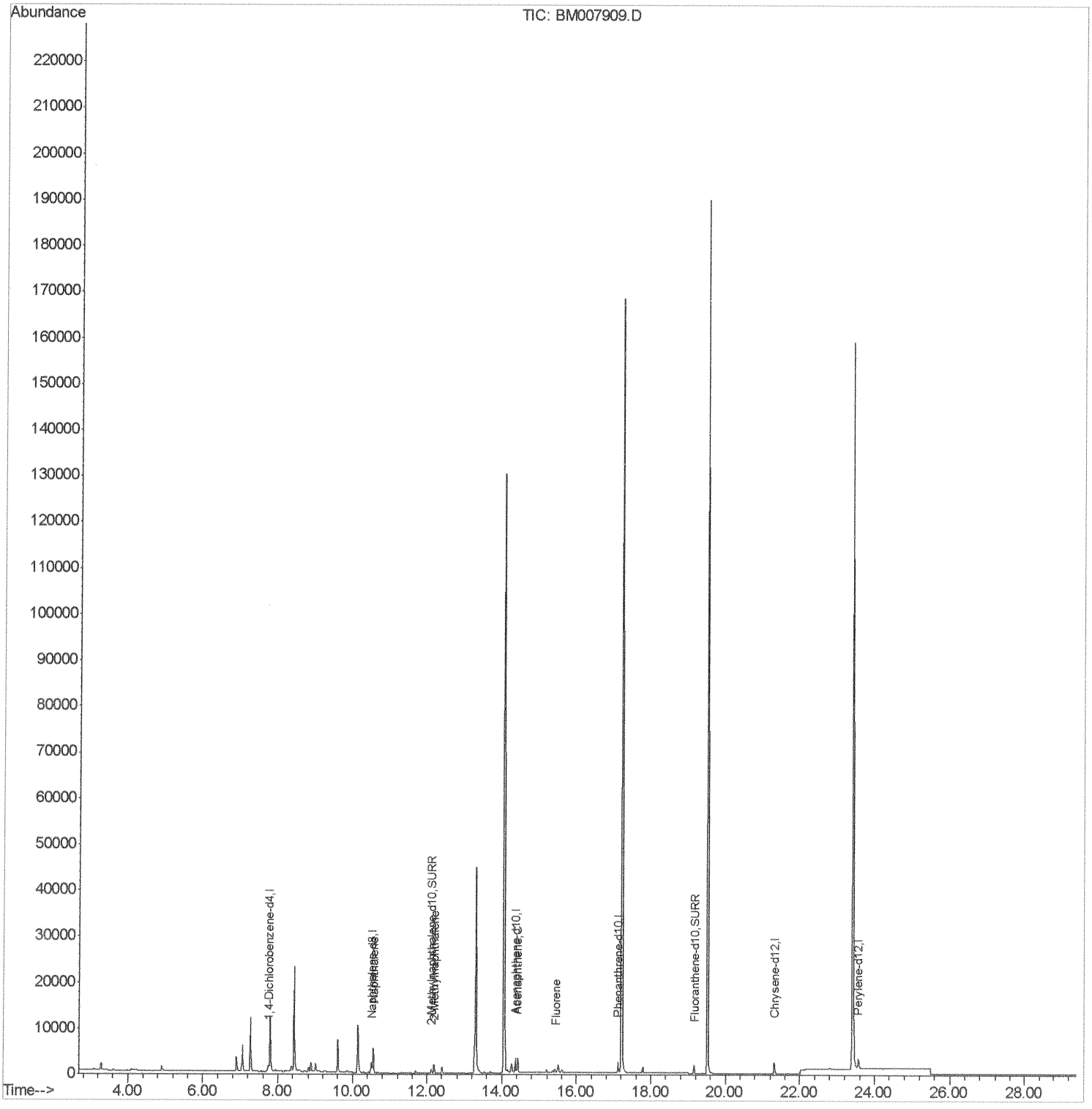
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007909.D
Acq On : 16 Nov 2016 00:51
Operator : UM/SJ
Sample : H5612-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 16 08:20:53 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 :
F2H17

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:00 PM



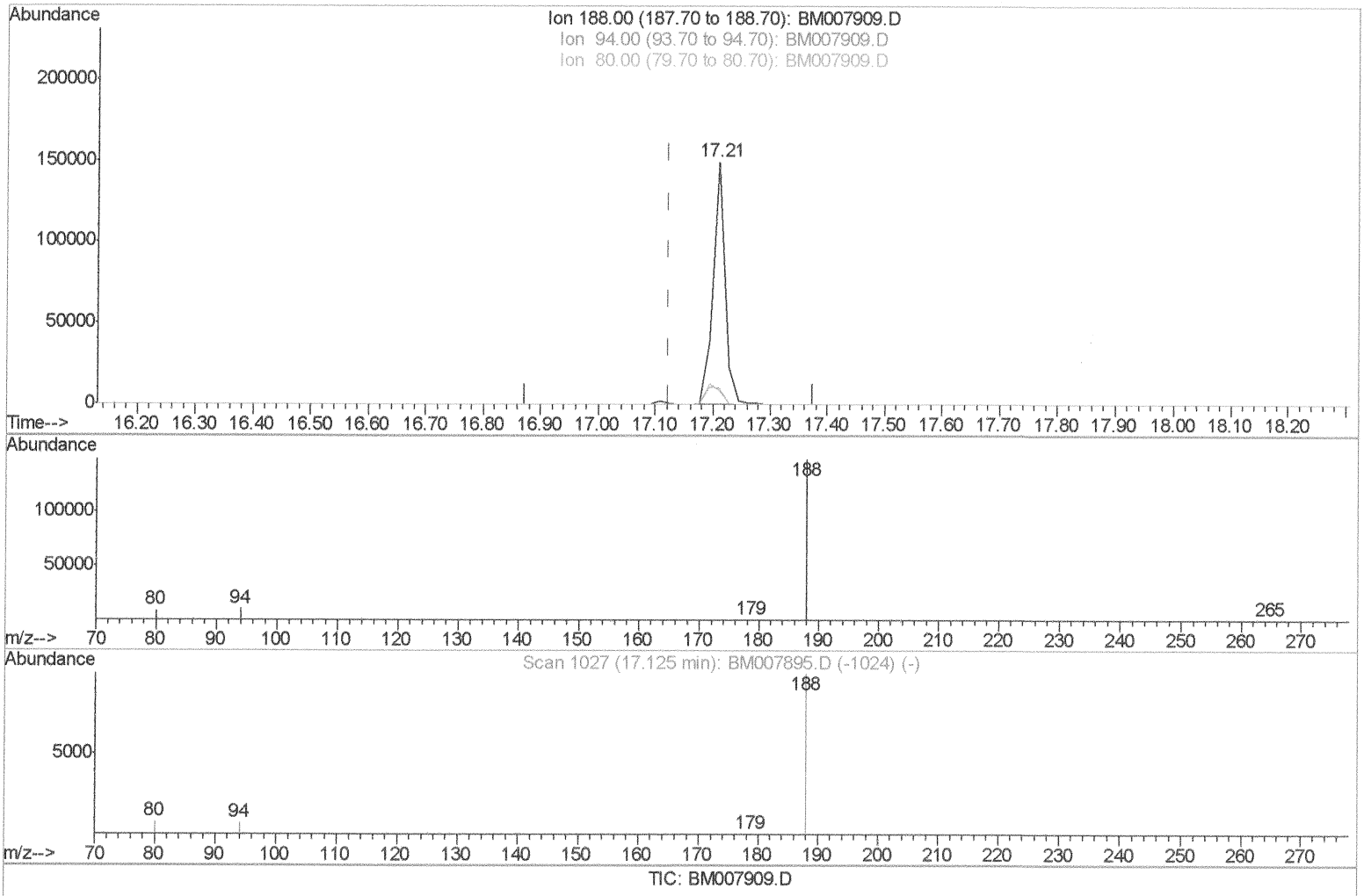
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007909.D
Acq On : 16 Nov 2016 00:51
Operator : UM/SJ
Sample : H5612-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 16 07:46:13 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 :
F2H17

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:00 PM



TIC: BM007909.D

(10) Phenanthrene-d10 (I)

17.211min (+0.086) 0.40ng/ul

response 220346

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	6.85#
80.00	11.80	5.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007909.D
Acq On : 16 Nov 2016 00:51
Operator : UM/SJ
Sample : H5612-17
Misc :
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Quant Time: Nov 16 07:46:13 2016
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BNA_M
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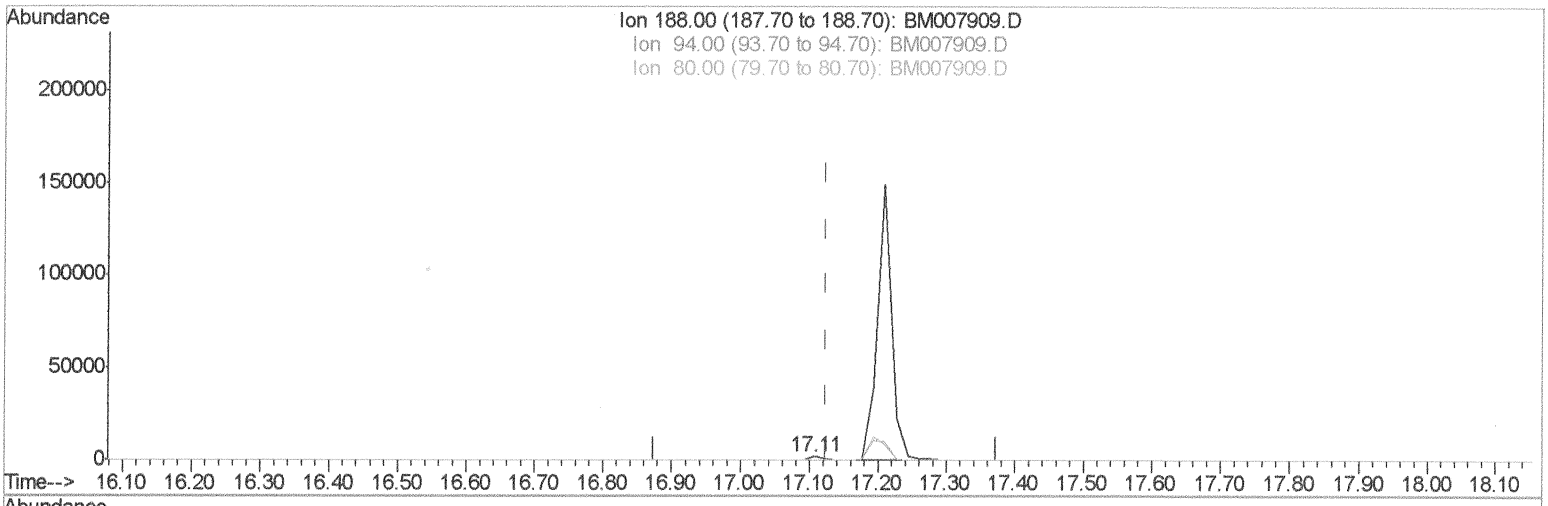
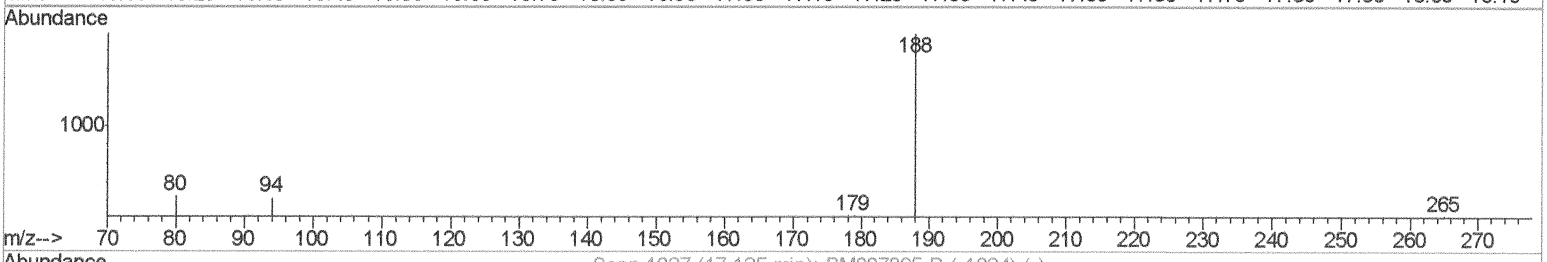
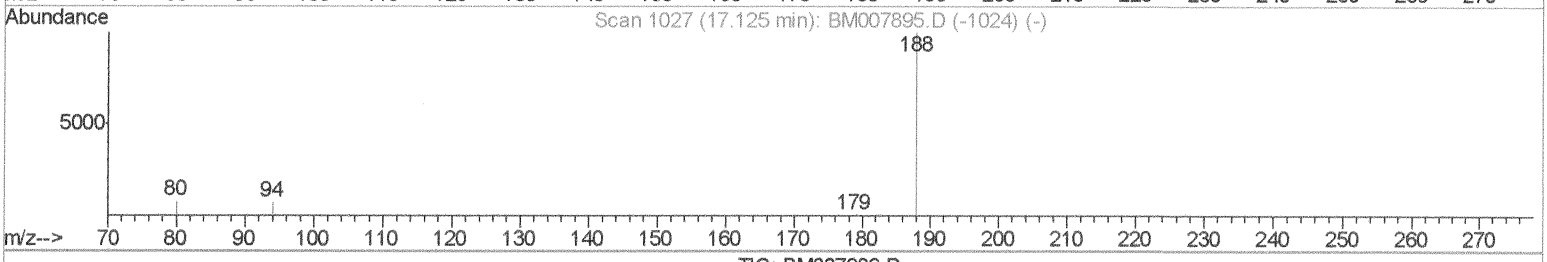
F2H17

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:00 PM







TIC: BM007909.D

(10) Phenanthrene-d10 (I)

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

response 3041

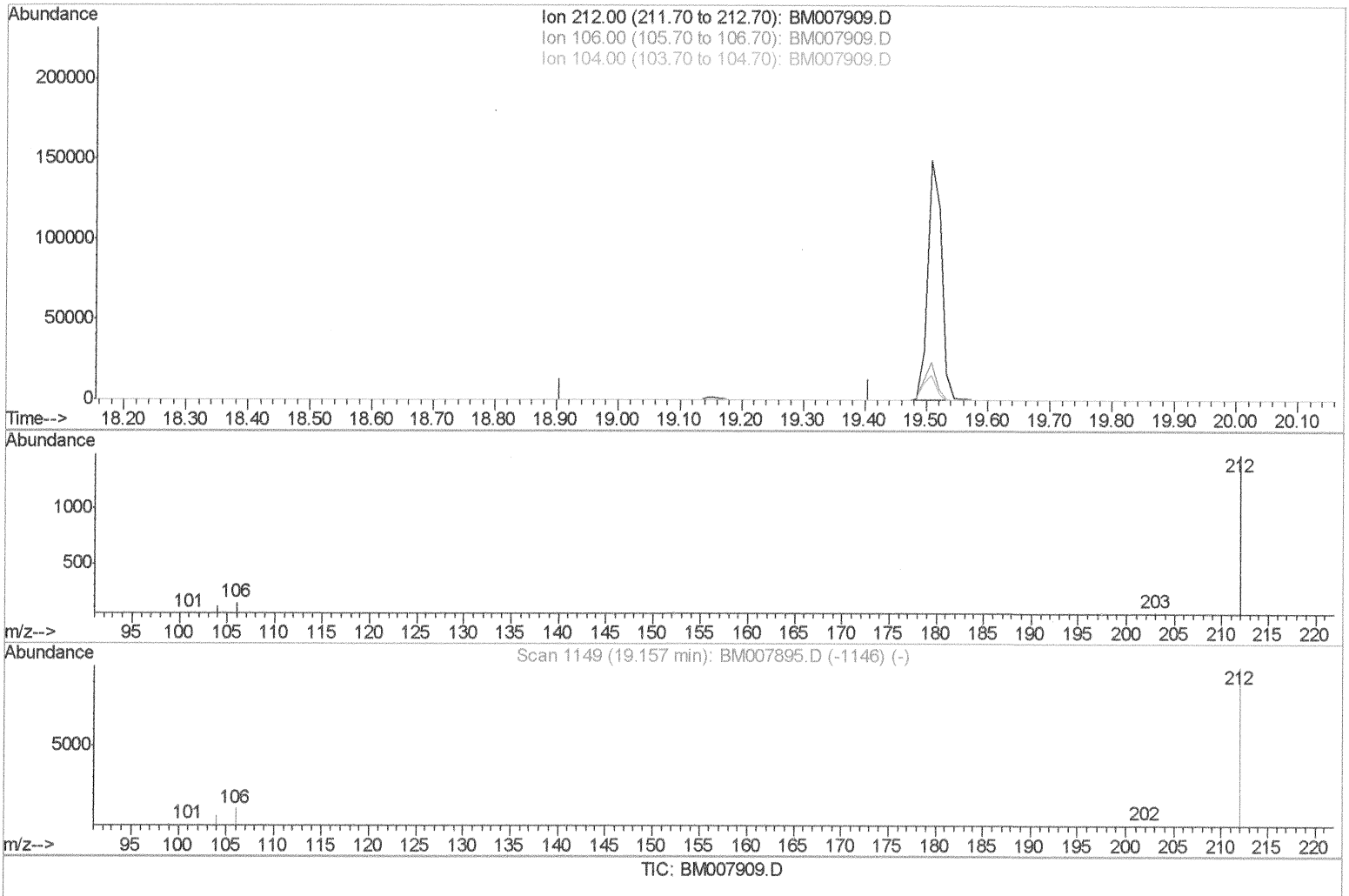
Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.05
80.00	11.80	12.90
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007909.D
Acq On : 16 Nov 2016 00:51
Operator : UM/SJ
Sample : H5612-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 16 08:19:43 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 :
F2H17

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:00 PM



TIC: BM007909.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

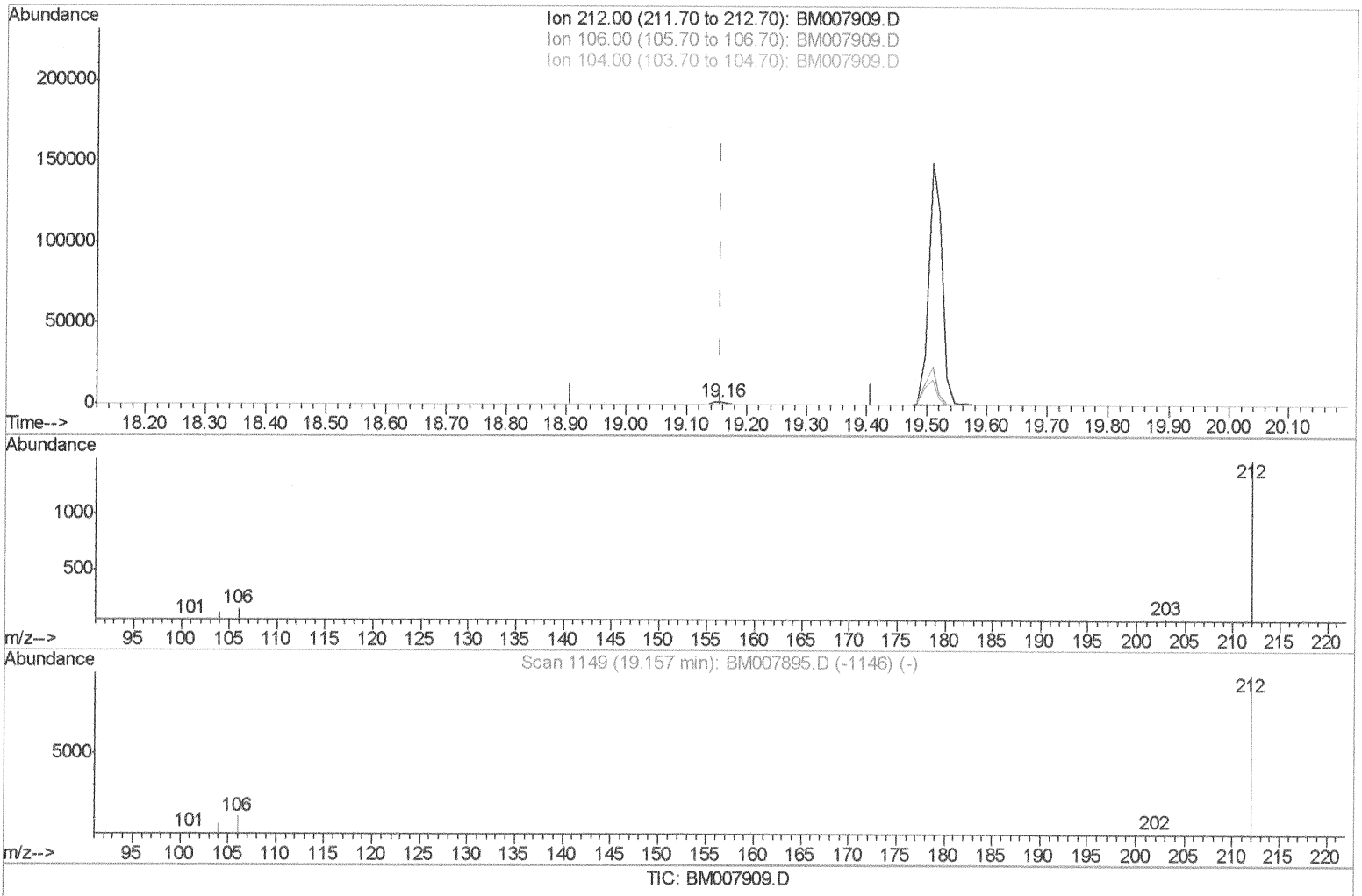
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007909.D
Acq On : 16 Nov 2016 00:51
Operator : UM/SJ
Sample : H5612-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 16 08:19:43 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 :
F2H17

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:00 PM



TIC: BM007909.D

(14) Fluoranthene-d10 (SURR)

19.157min (-0.000) 0.37ng/ul m SJ 11/16/16

response 2555

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

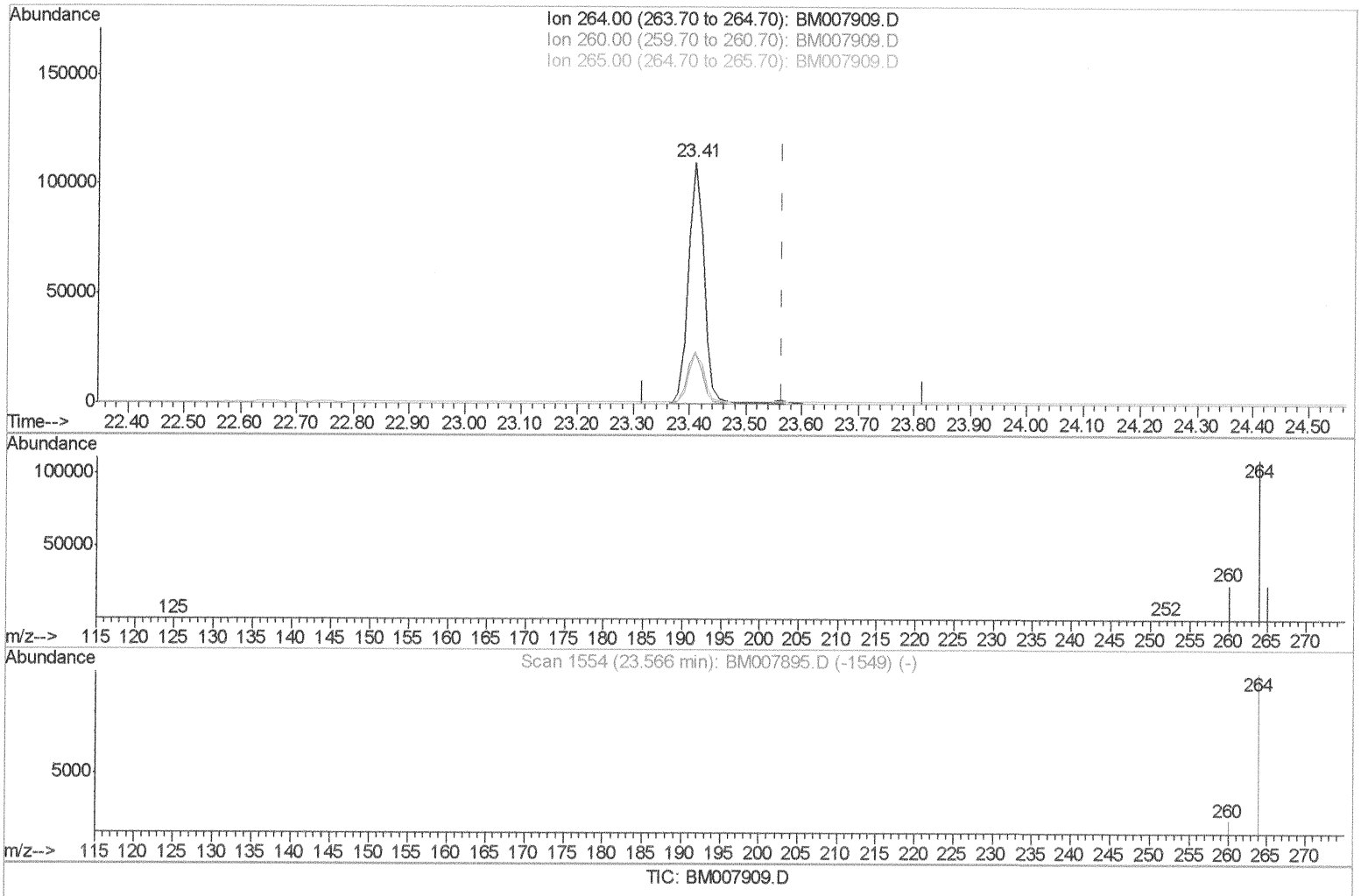
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007909.D
Acq On : 16 Nov 2016 00:51
Operator : UM/SJ
Sample : H5612-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 16 08:19:43 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 :
F2H17

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:00 PM



TIC: BM007909.D

(20) Perylene-d12 (I)

23.410min (-0.156) 0.40ng/ul

response 212828

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.77#
265.00	103.50	21.55#
0.00	0.00	0.00

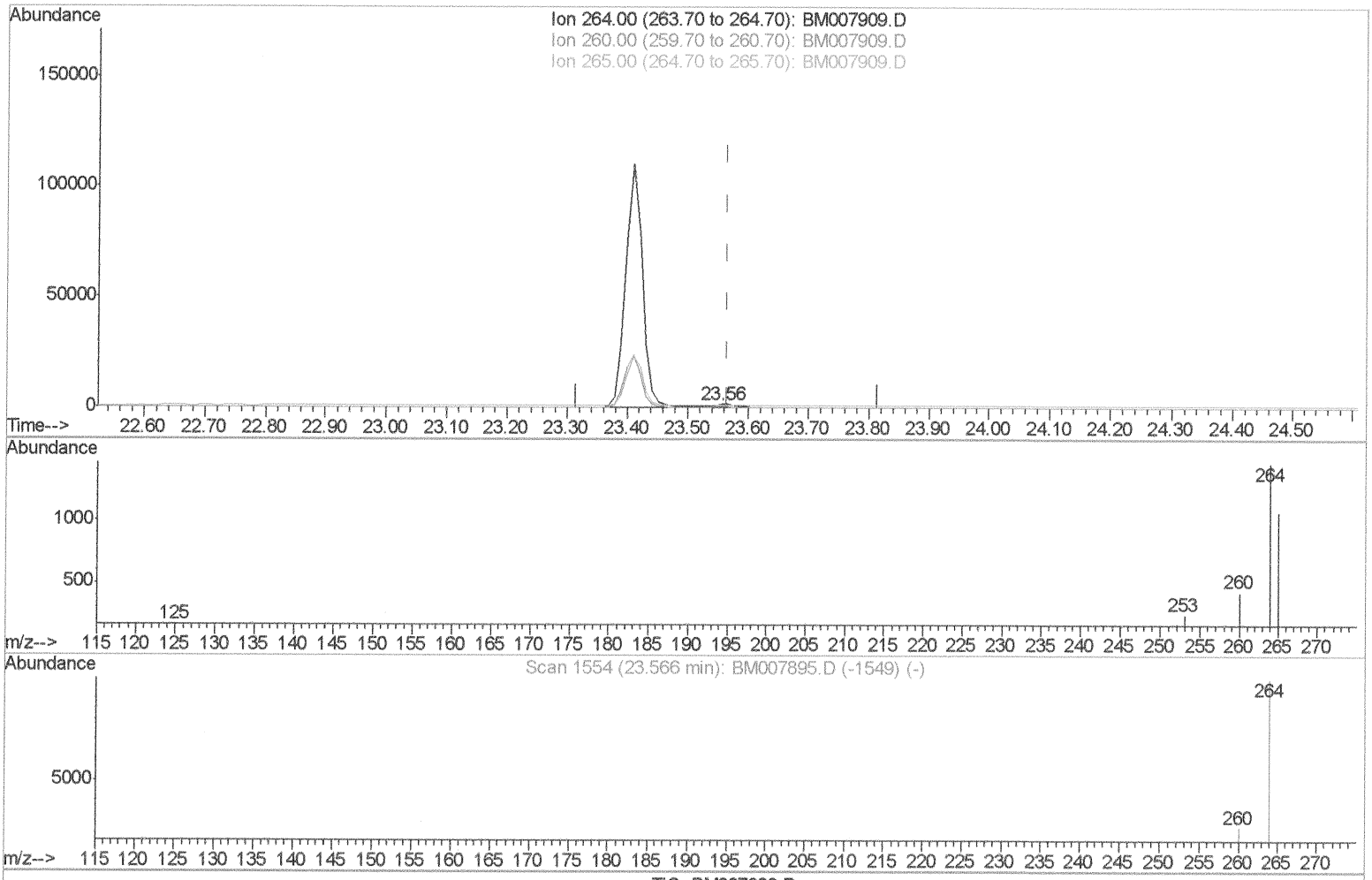
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007909.D
Acq On : 16 Nov 2016 00:51
Operator : UM/SJ
Sample : H5612-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 16 08:19:43 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 :
F2H17

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:00 PM



TIC: BM007909.D

(20) Perylene-d12 (I)

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

response 2446

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.19
265.00	103.50	73.14#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
Data File : BM007909.D
Acq On : 16 Nov 2016 00:51
Operator : UM/SJ
Sample : H5612-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2H17

Manual Integrations APPROVED
Umangi
11/16/2016 6:02:00 PM

Quant Time: Nov 16 08:20:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	892	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	2829	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1673	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	3041m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.31	240	3083	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	2446m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1275	0.38	ng/ul	-0.01
14) Fluoranthene-d10	19.16	212	2555m	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	7687	1.06	ng/ul	95
5) 2-Methylnaphthalene	12.17	142	1524	0.33	ng/ul	99
8) Acenaphthene	14.42	153	2172	0.36	ng/ul	91
9) Fluorene	15.43	166	539	0.08	ng/ul#	94

SJ 11/16/16

SJ 11/16/16

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