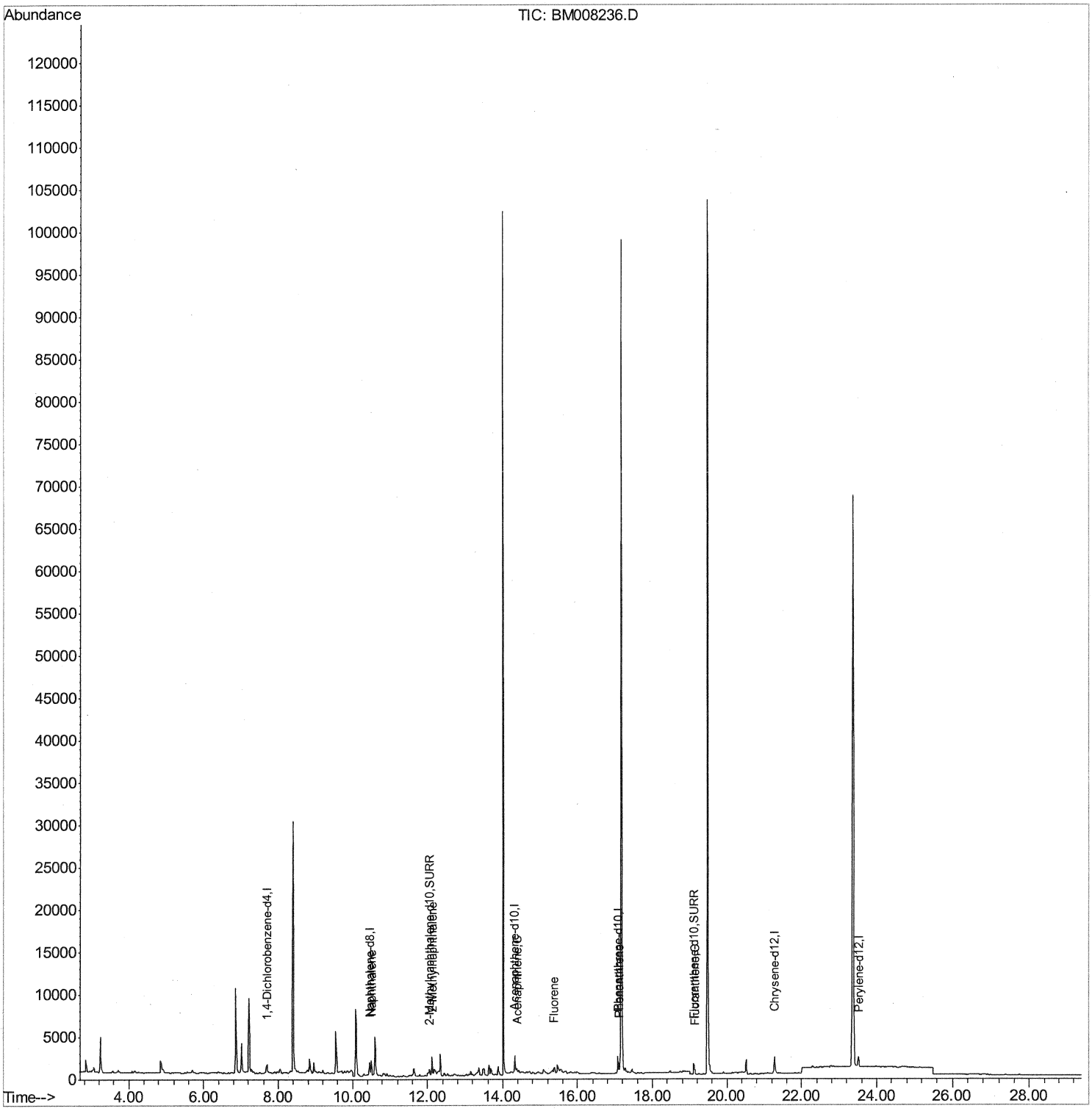
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008236.D
Acq On : 10 Dec 2016 17:29
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 12 03:49:13 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA815

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:24 PM

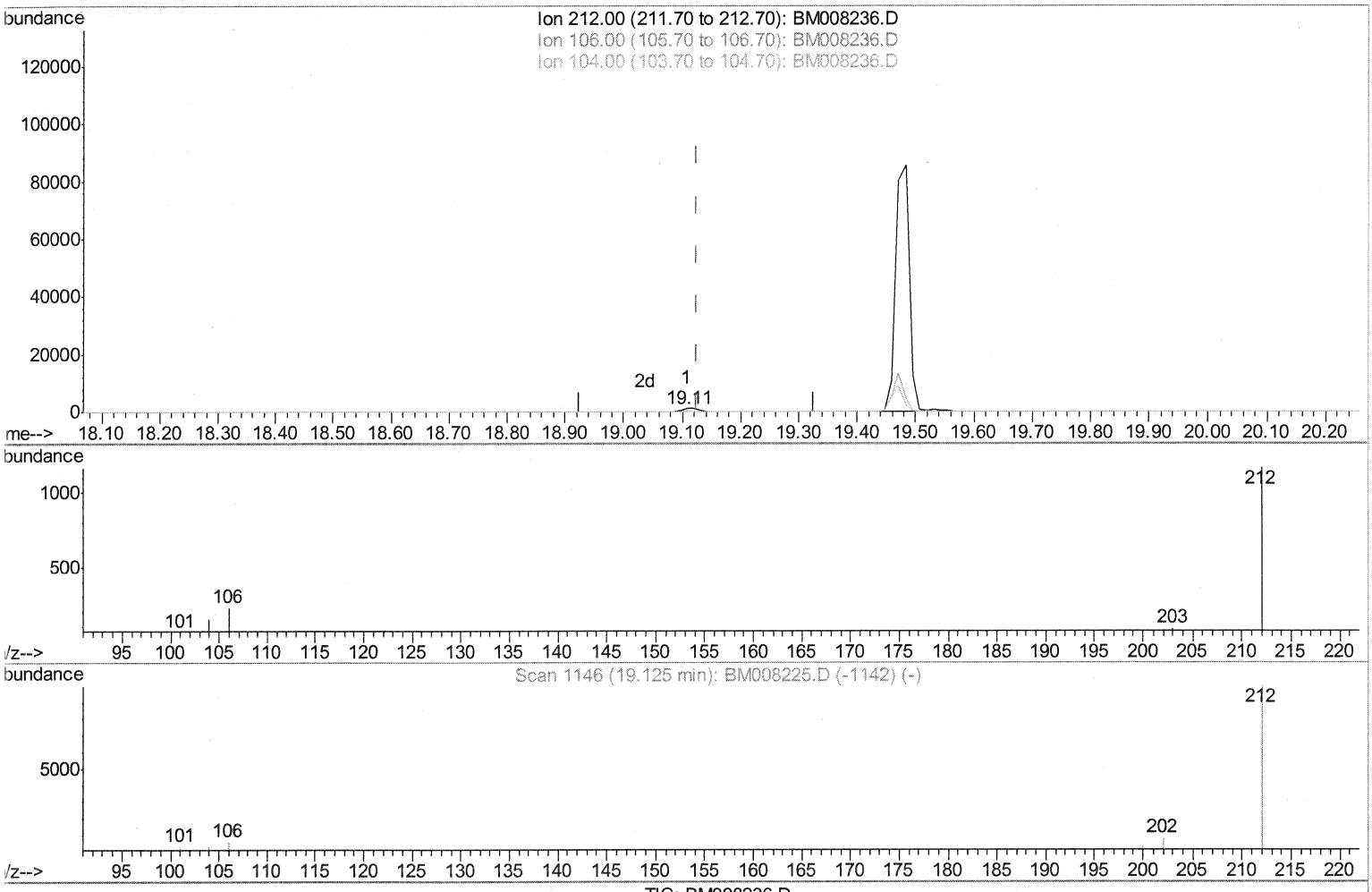


Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008236.D
Acq On : 10 Dec 2016 17:29
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 12 02:49:22 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA815

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:24 PM



TIC: BM008236.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.017) 0.27ng/ul

response 2057

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	23.97#
104.00	15.60	23.53#
0.00	0.00	0.00

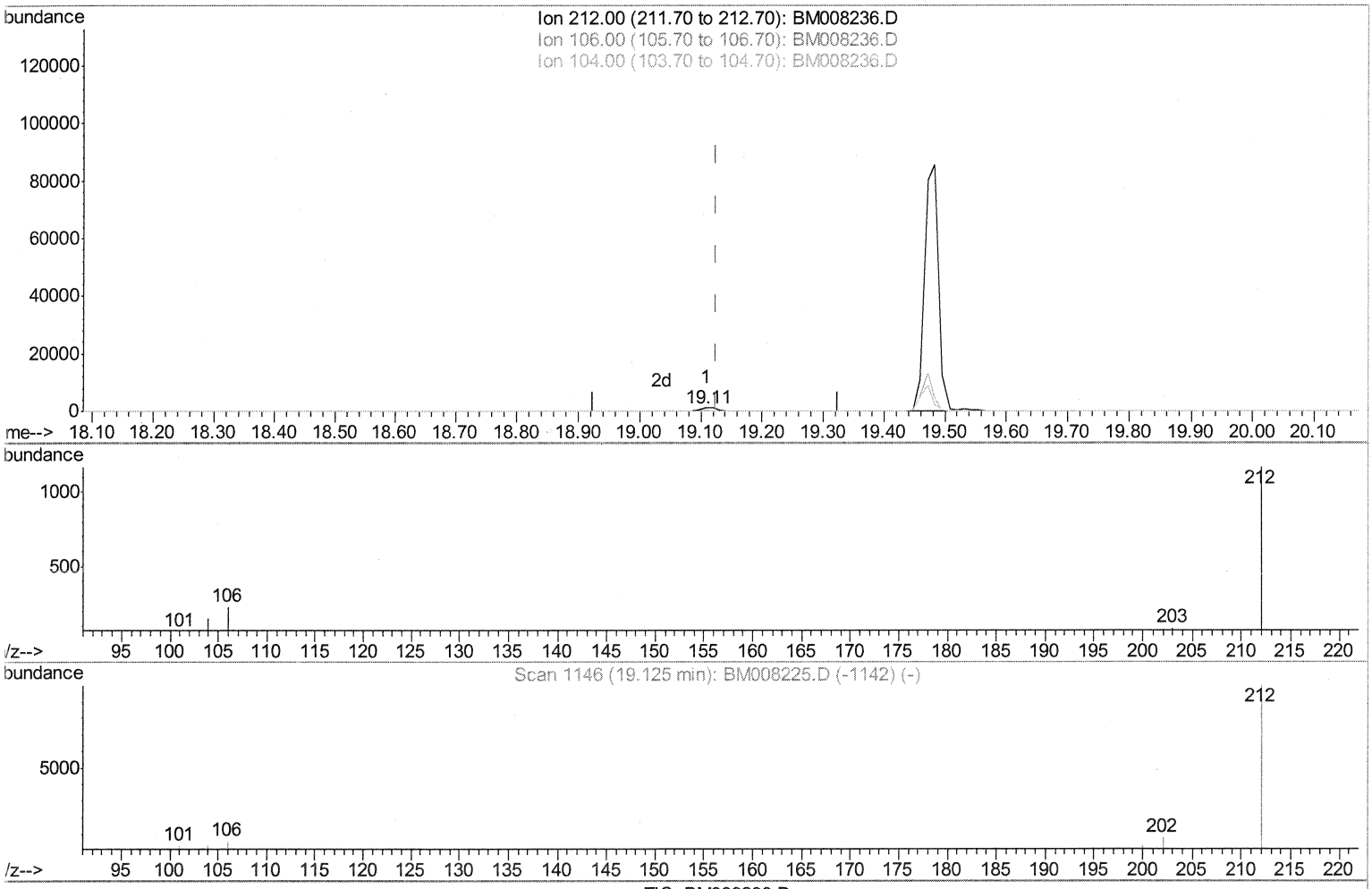
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008236.D
Acq On : 10 Dec 2016 17:29
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 12 02:49:22 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA815

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:24 PM



TIC: BM008236.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.017) 0.23ng/ul m SJ 12/12/16

response 1781

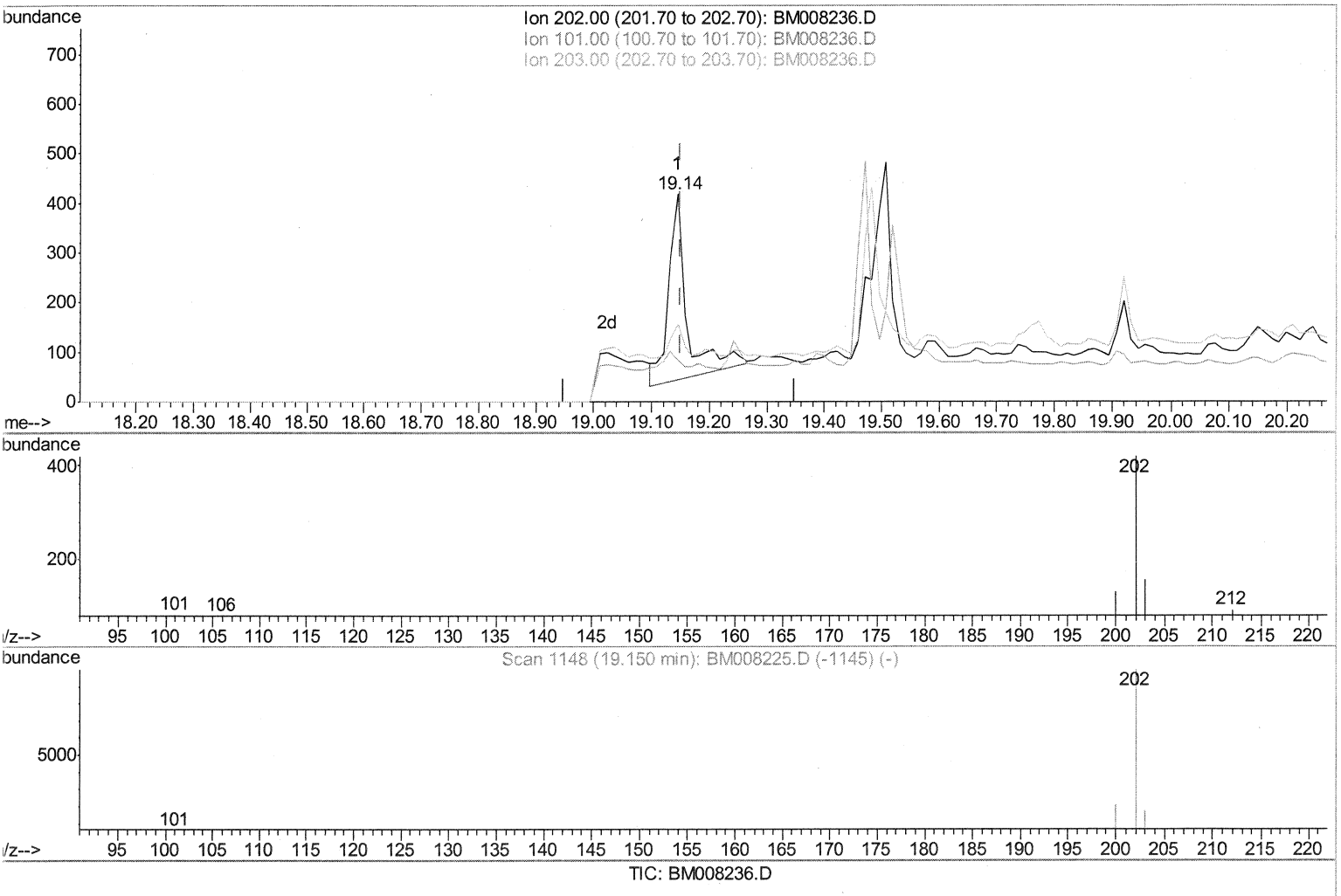
Ion	Exp%	Act%
212.00	100	100
106.00	18.30	27.68#
104.00	15.60	27.18#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008236.D
Acq On : 10 Dec 2016 17:29
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 12 02:49:22 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA815

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:24 PM



TIC: BM008236.D

(15) Fluoranthene (C)

19.145min (-0.005) 0.08ng/ul

response 821

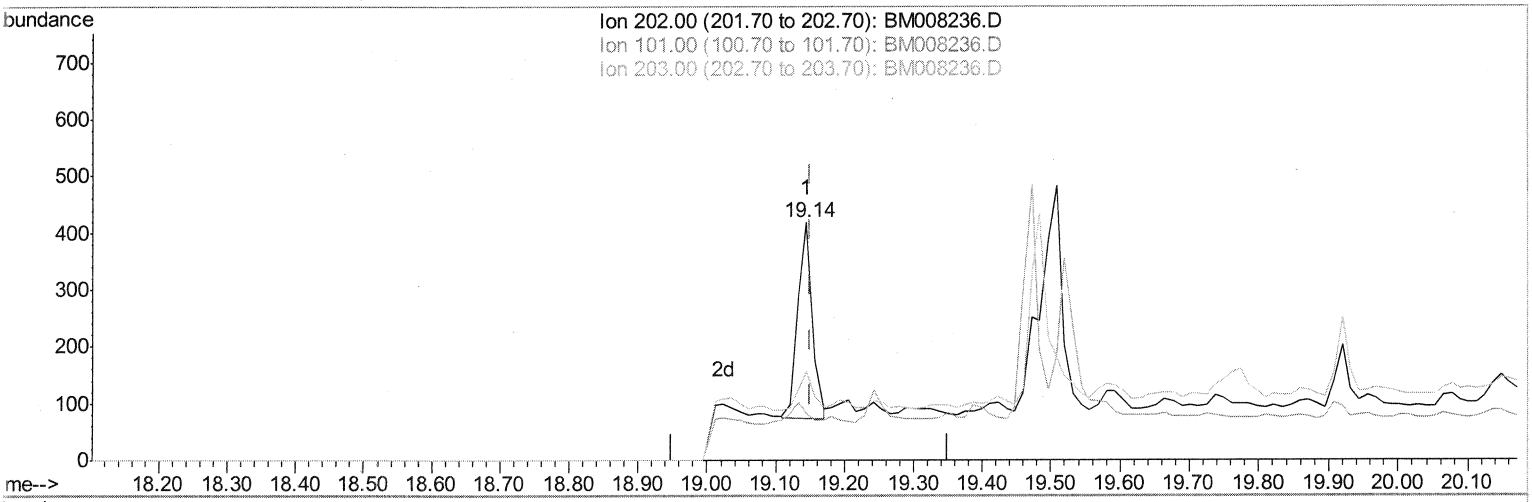
Ion	Exp%	Act%
202.00	100	100
101.00	10.30	19.86
203.00	19.50	37.56
0.00	0.00	0.00

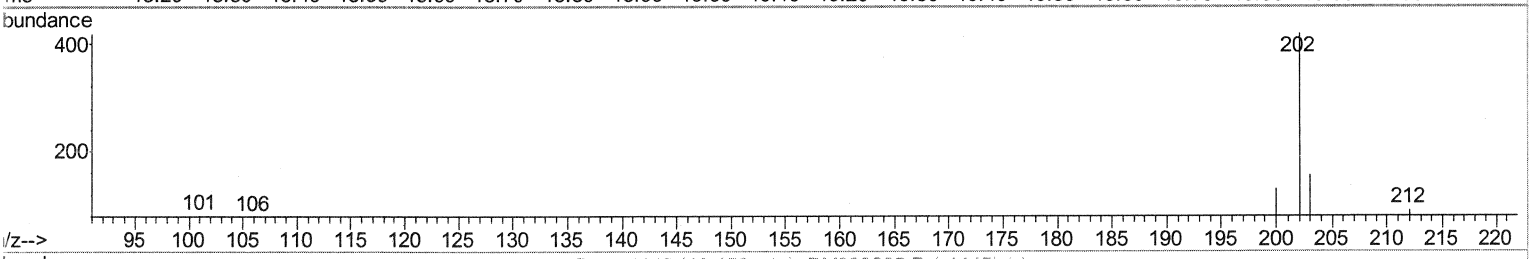
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008236.D
Acq On : 10 Dec 2016 17:29
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

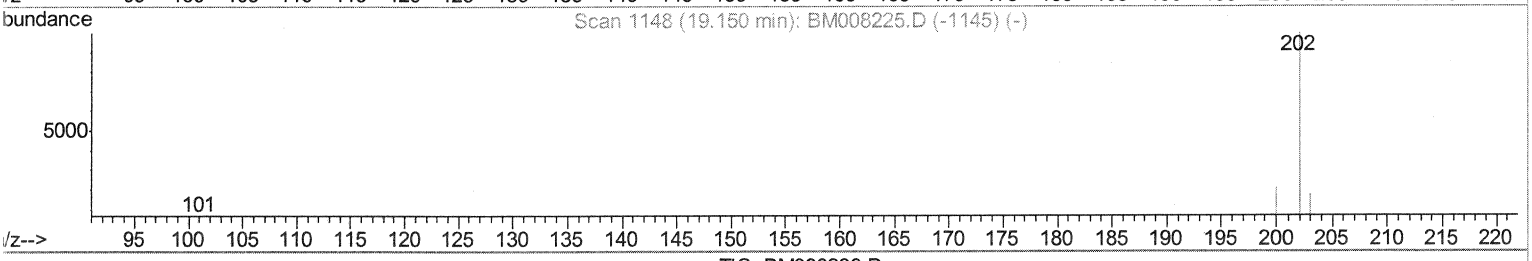
Quant Time: Dec 12 02:49:22 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA815

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:24 PM







TIC: BM008236.D

(15) Fluoranthene (C)

19.145min (-0.005) 0.05ng/ul m SJ 12/12/16

response 507

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	19.86
203.00	19.50	37.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008236.D
Acq On : 10 Dec 2016 17:29
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA815

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:24 PM

Quant Time: Dec 12 03:49:13 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	641	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	2257	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1457	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2718	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1964	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1764	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	951	0.30	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1781m	0.23	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.51	128	2737	0.43	ng/ul	98
5) 2-Methylnaphthalene	12.13	142	1844	0.45	ng/ul	97
8) Acenaphthene	14.38	153	404	0.08	ng/ul#	94
9) Fluorene	15.38	166	396	0.07	ng/ul#	75
12) Phenanthrene	17.11	178	1611	0.19	ng/ul#	91
15) Fluoranthene	19.14	202	507m	0.05	ng/ul	

SJ 12/12/16

SJ 12/12/16

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