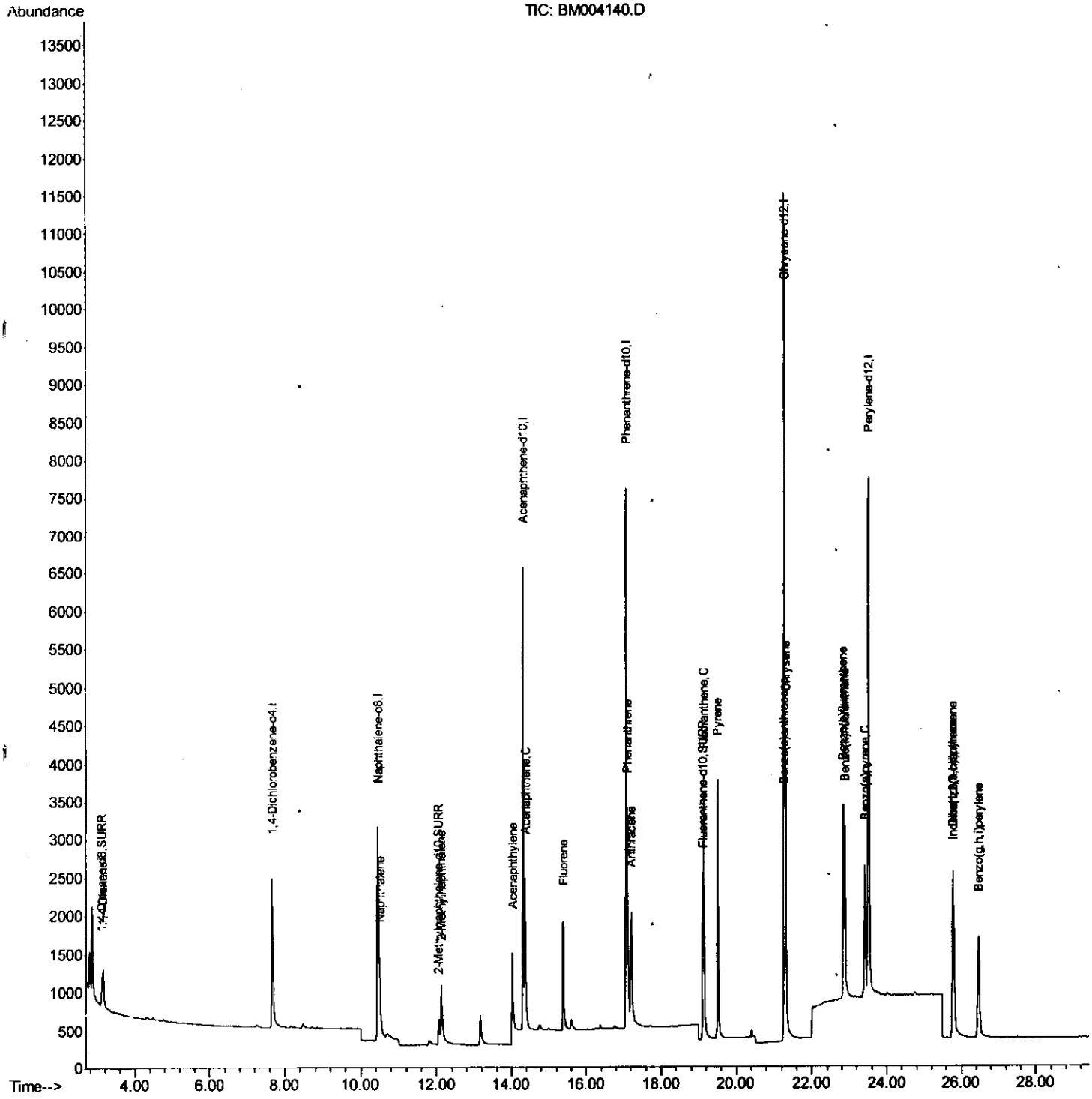
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
Data File : BM004140.D
Acq On : 29 Jan 2016 10:33
Operator : SJ/IZ
Sample : SSTD0.148
Misc :
ALS Vial : 2 Sample Multiplier: 1

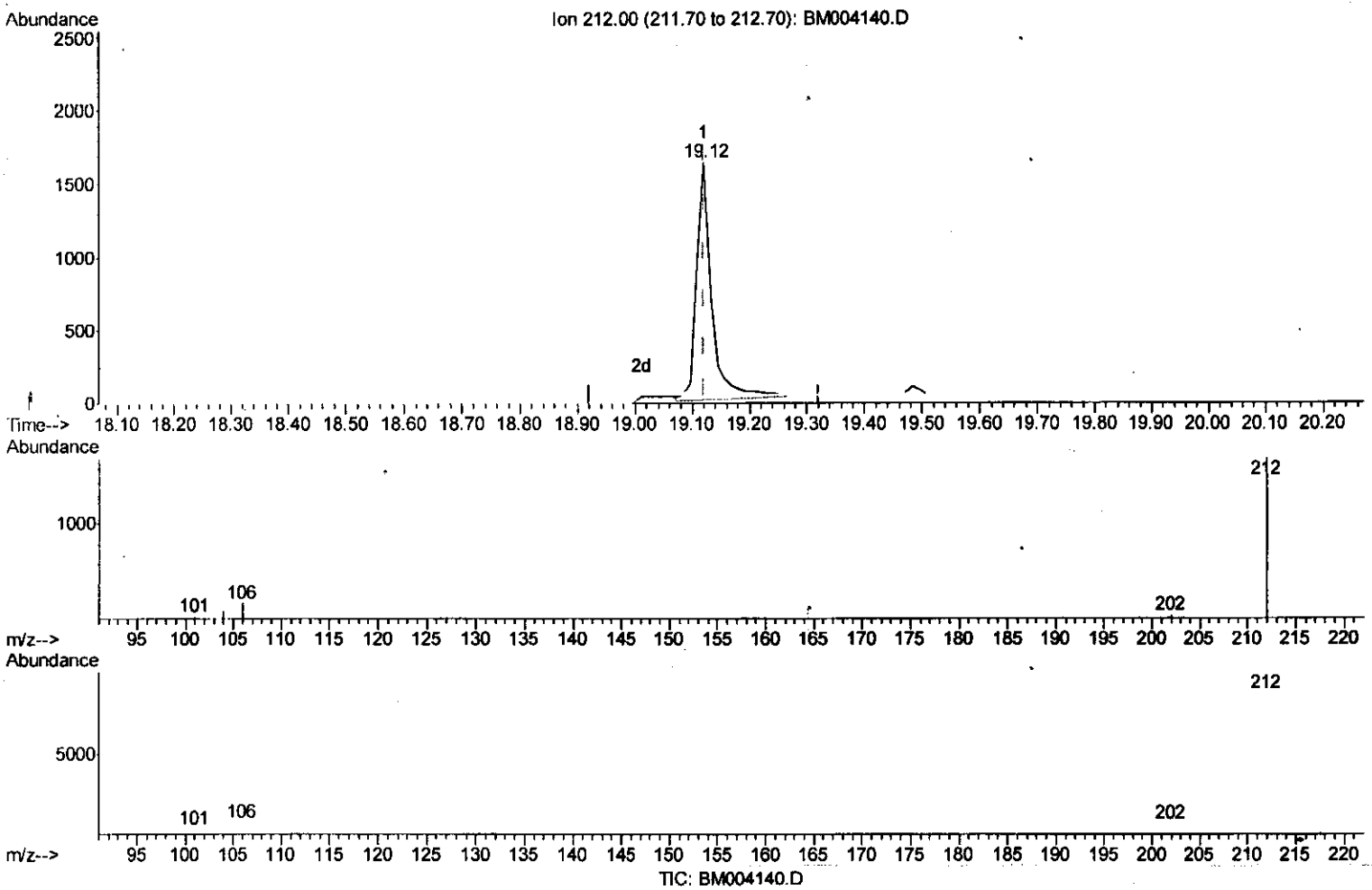
Quant Time: Jan 29 13:16:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:08:00 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
Data File : BM004140.D
Acq On : 29 Jan 2016 10:33
Operator : SJ/IZ
Sample : SSTD0.148
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 29 13:13:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:08:00 2016
Response via : Initial Calibration



TIC: BM004140.D

(16) Fluoranthene-d10 (SURR)

19.120min (-0.000) 0.12ng/ul

response 2977

Ion	Exp%	Act%
212.00	100	100
106.00	18.90	21.60
104.00	11.10	15.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM012916\
Data File : BM004140.D
Acq On : 29 Jan 2016 10:33
Operator : SJ/IZ
Sample : SSTD0.148
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 29 13:13:30 2016
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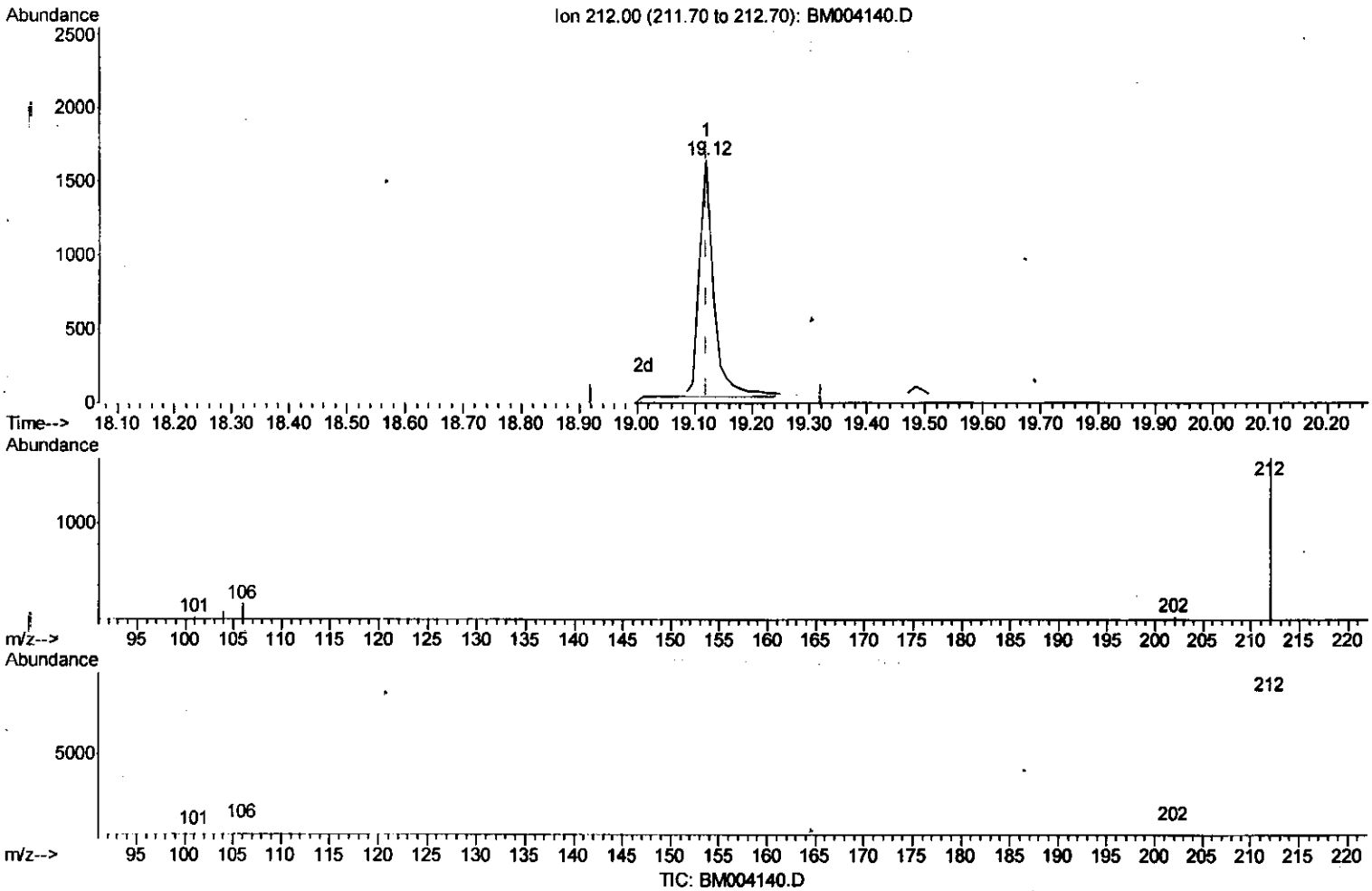
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:08:00 2016
Response via : Initial Calibration



TIC: BM004140.D

(16) Fluoranthene-d10 (SURR)

19.120min (-0.000) 0.12ng/ul m S.J

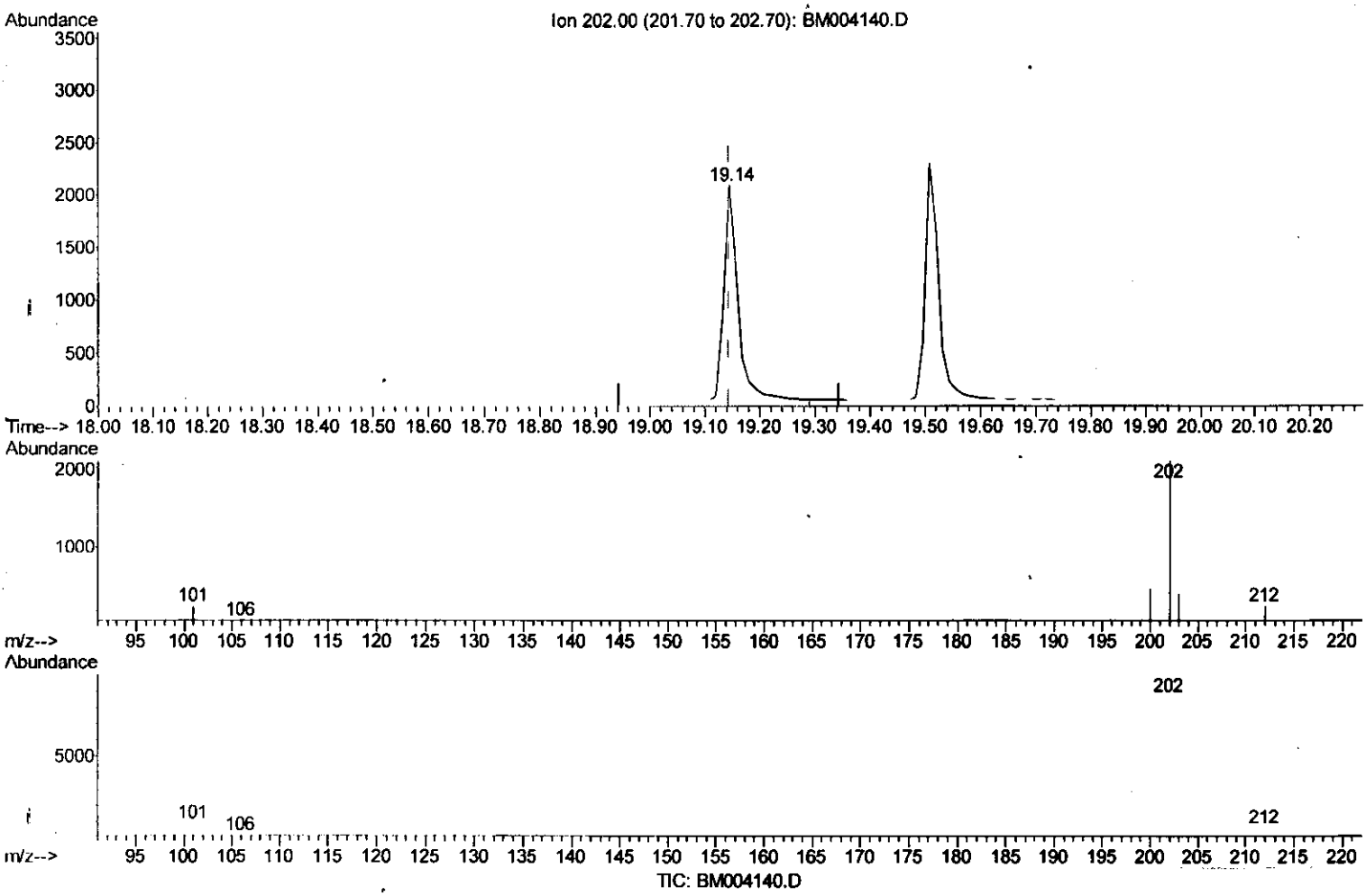
response 2783 1/30/16

Ion	Exp%	Act%
212.00	100	100
106.00	18.90	23.10#
104.00	11.10	16.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM012916\
Data File : BM004140.D
Acq On : 29 Jan 2016 10:33
Operator : SJ/IZ
Sample : SSTD0.148
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 29 13:13:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:08:00 2016
Response via : Initial Calibration



(17) Fluoranthene (C)

19.145min (-0.000) 0.15ng/ul

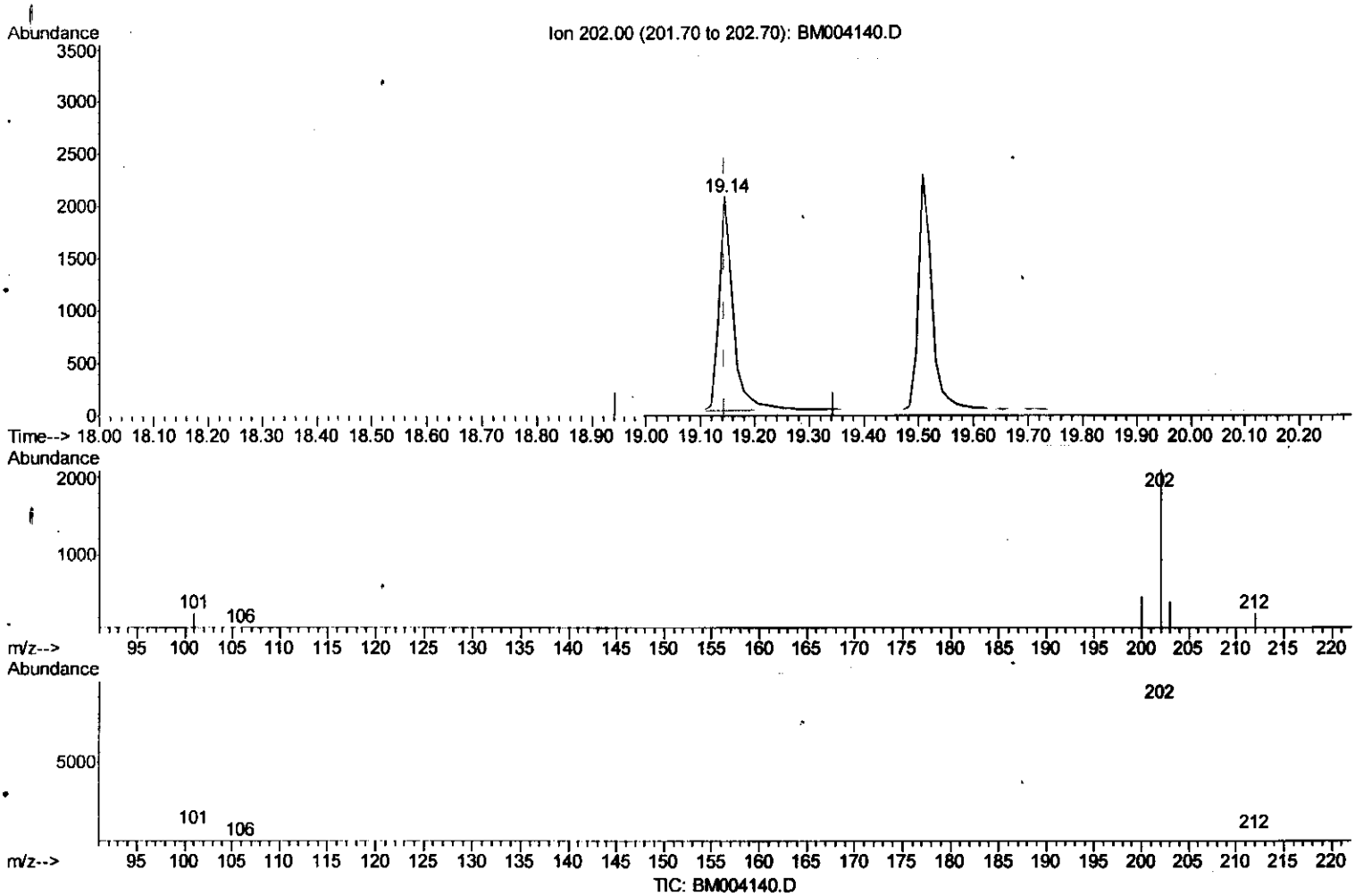
response 4622

Ion	Exp%	Act%
202.00	100	100
101.00	9.60	12.25
203.00	16.30	19.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
Data File : BM004140.D
Acq On : 29 Jan 2016 10:33
Operator : SJ/IZ
Sample : SSTD0.148
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 29 13:13:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:08:00 2016
Response via : Initial Calibration



(17) Fluoranthene (C)

19.145min (-0.000) 0.12ng/ul m S.J 1/30/16

response 3693

Ion	Exp%	Act%
202.00	100	100
101.00	9.60	12.25
203.00	16.30	19.05
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
Data File : BM004140.D
Acq On : 29 Jan 2016 10:33
Operator : SJ/IZ
Sample : SSTD0.148
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 29 13:16:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:08:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1495	0.40	ng/ul	-0.02
4) Naphthalene-d8	10.46	136	6125	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.31	164	4126	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	11296	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	11328	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	10791	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.12	96	411	0.64	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.07	152	816	0.11	ng/ul	0.01
16) Fluoranthene-d10	19.12	212	2783m>	0.12	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.15	88	623	0.77	ng/ul#	41
5) Naphthalene	10.51	128	1546	0.11	ng/ul#	81
7) 2-Methylnaphthalene	12.14	142	1053	0.11	ng/ul	96
9) Acenaphthylene	14.04	152	1449	0.09	ng/ul#	92
10) Acenaphthene	14.38	153	1397	0.11	ng/ul	92
11) Fluorene	15.39	166	1627	0.12	ng/ul#	95
14) Phenanthrene	17.11	178	3103	0.11	ng/ul#	92
15) Anthracene	17.21	178	2448	0.10	ng/ul#	91
17) Fluoranthene	19.14	202	3693m>	0.12	ng/ul	
19) Pyrene	19.51	202	3922	0.13	ng/ul	96
20) Benzo(a)anthracene	21.26	228	2827	0.10	ng/ul#	89
21) Chrysene	21.31	228	3736	0.12	ng/ul#	91
23) Benzo(b)fluoranthene	22.85	252	3439	0.09	ng/ul	89
24) Benzo(k)fluoranthene	22.89	252	3478	0.10	ng/ul#	89
25) Benzo(a)pyrene	23.42	252	3119	0.10	ng/ul#	84
26) Indeno(1,2,3-cd)pyrene	25.78	276	3196	0.09	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.79	278	2294	0.08	ng/ul#	82
28) Benzo(g,h,i)perylene	26.46	276	3212	0.10	ng/ul#	92

S.J 1/30/16

S.J 1/30/16

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