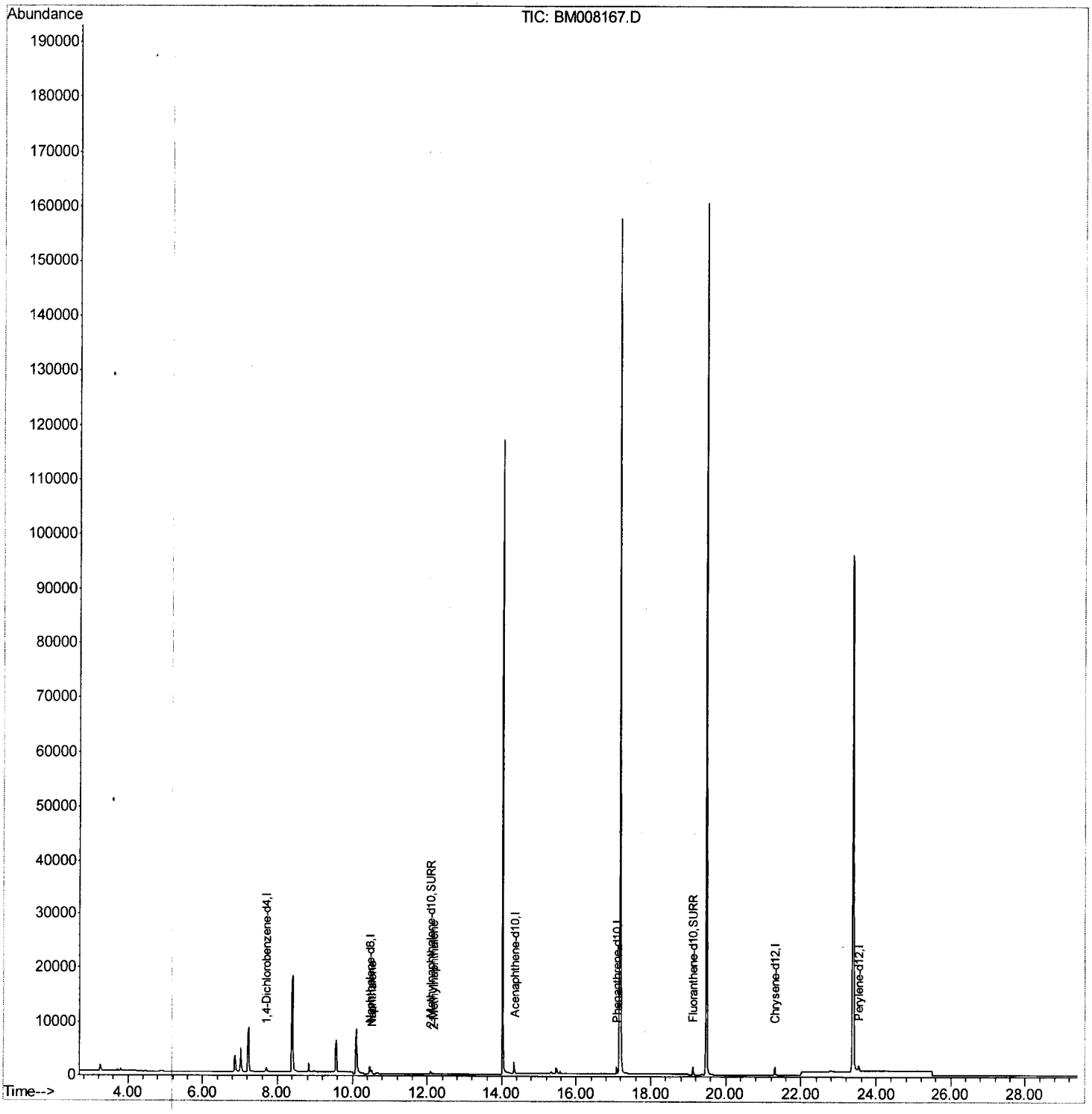
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008167.D
Acq On : 02 Dec 2016 21:38
Operator : UM/SJ
Sample : H5733-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 03 02:24:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 00:55:35 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
YA8Y5

Manual Integrations APPROVED
sohil
12/5/2016 11:17:56 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008167.D
Acq On : 02 Dec 2016 21:38
Operator : UM/SJ
Sample : H5733-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 03 00:58:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 00:55:35 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
YA8Y5

Manual Integrations APPROVED
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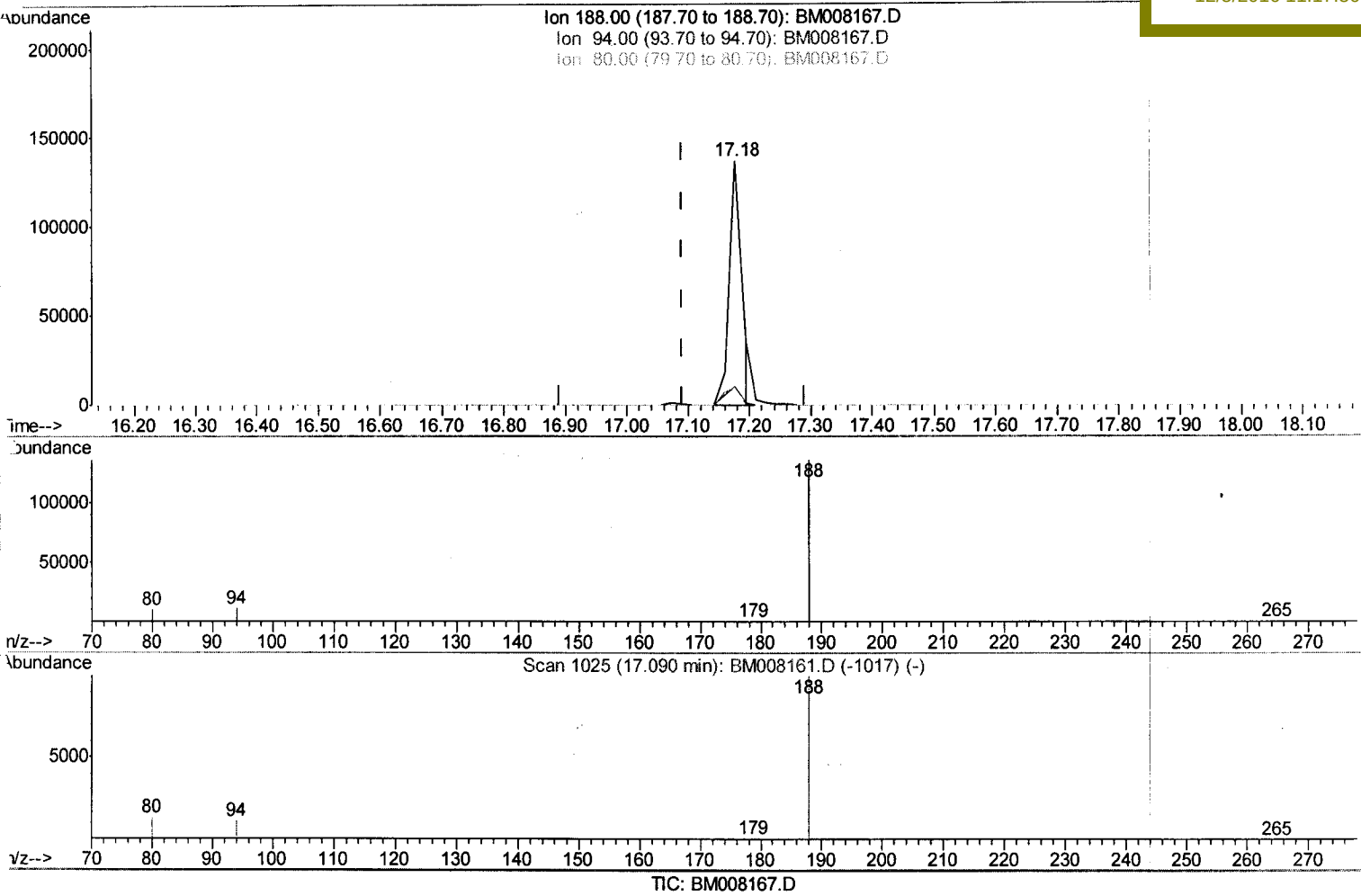
12/5/2016 11:17:56 AM



TIC: BM008167.D

(10) Phenanthrene-d10 (I)

17.176min (+0.086) 0.40ng/ul

response 195767

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.93#
80.00	11.80	7.33#
0.00	0.00	0.00

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ClientSampleId :
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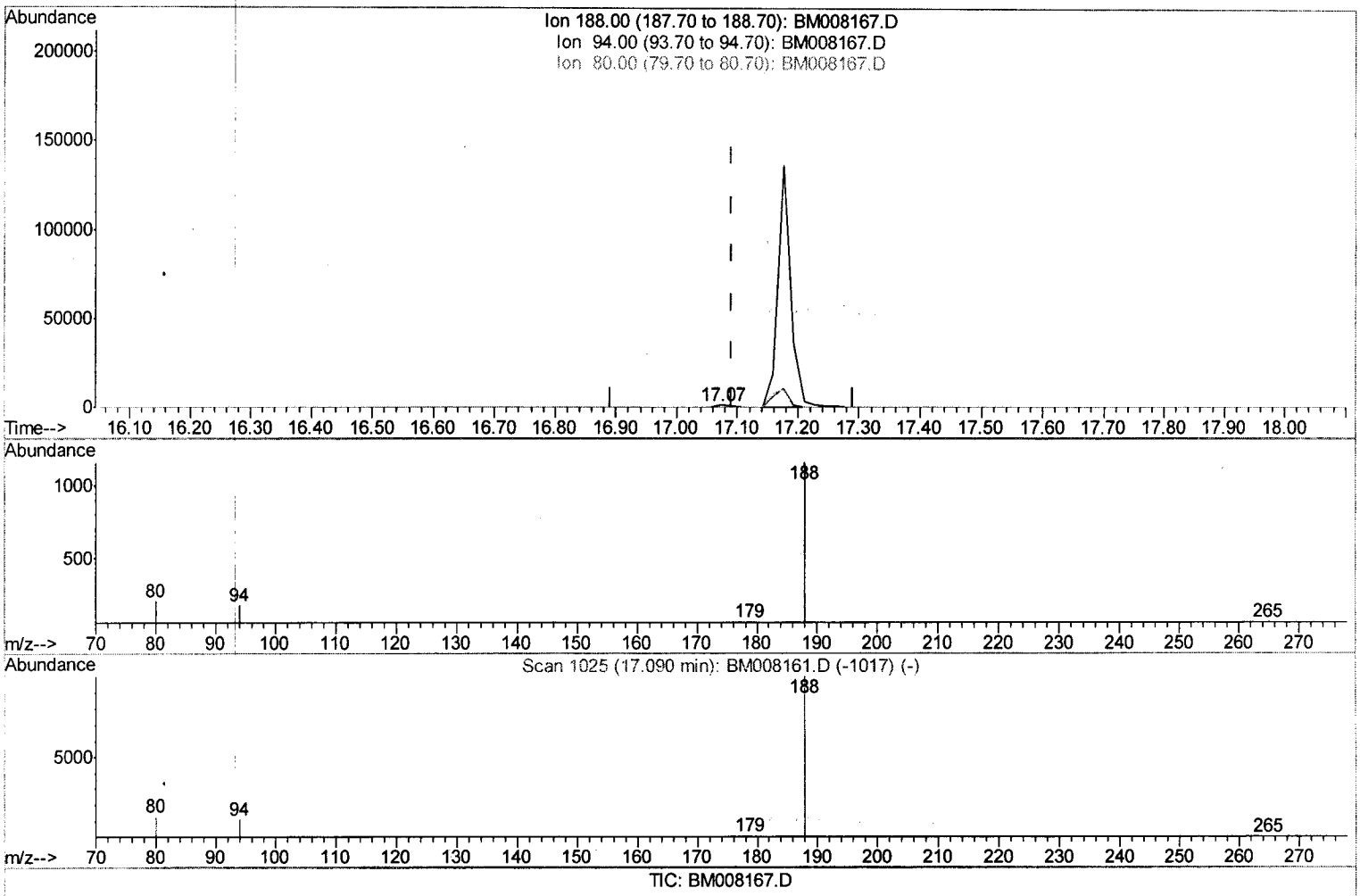
Manual Integrations APPROVED
sohil
12/5/2016 11:17:56 AM



TIC: BM008167.D

(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m > SJ 12/06/16

response 2257

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.40#
80.00	11.80	17.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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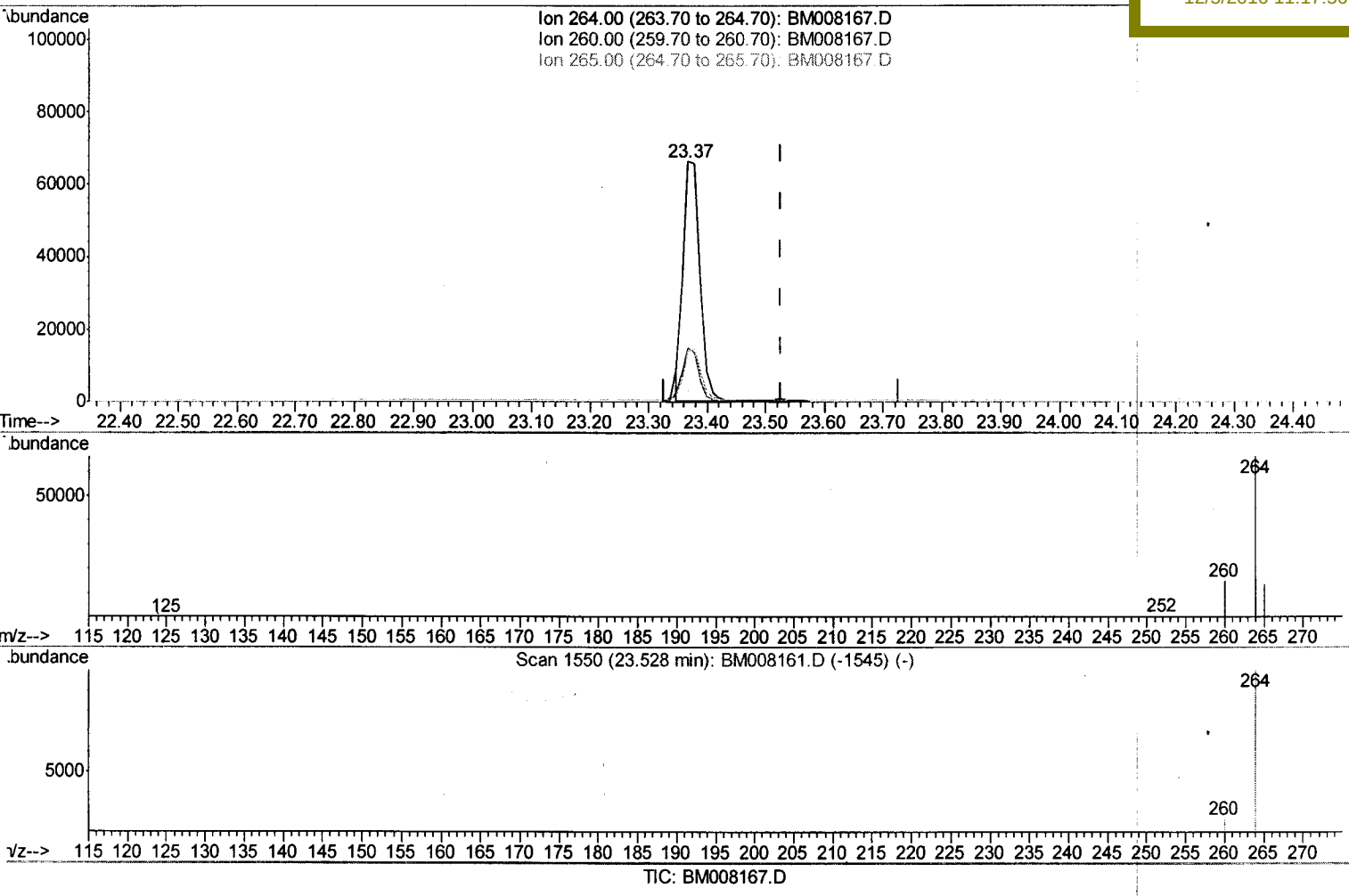
Instrument :
BNA_M
ClientSampleId :
YA8Y5

Manual Integrations APPROVED
sohil
12/5/2016 11:17:56 AM



TIC: BM008167.D

(20) Perylene-d12 (I)

23.368min (-0.160) 0.40ng/ul

response 129790

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.81#
265.00	103.50	20.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
ClientSampleId :
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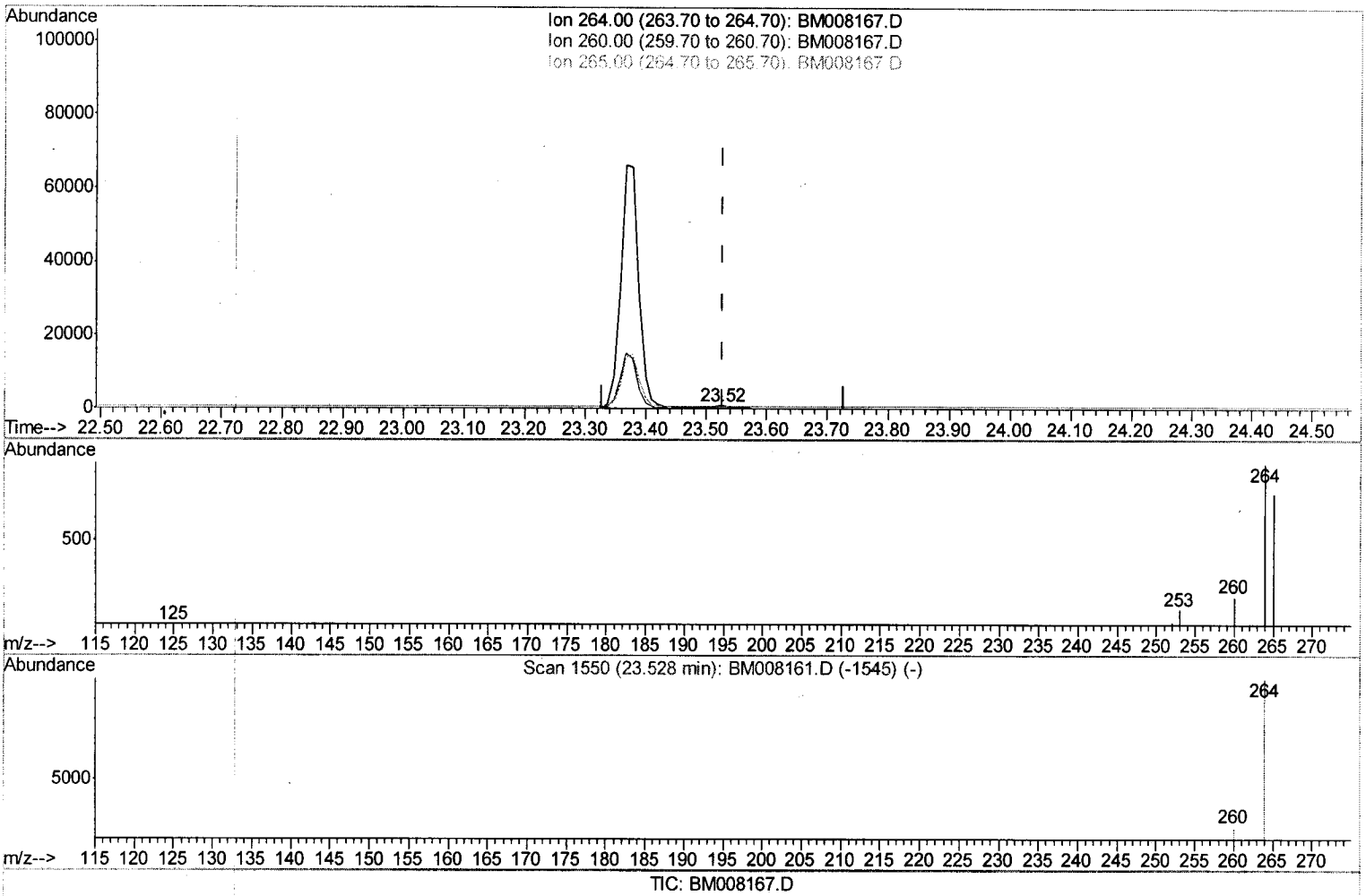
Manual Integrations APPROVED
sohil
12/5/2016 11:17:56 AM



(20) Perylene-d12 (I)

23.524min (-0.003) 0.40ng/ul m 9.7 12/05/16

response 1317

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.79
265.00	103.50	84.04
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
Sample : H5733-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 03 02:22:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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QLast Update : Sat Dec 03 00:55:35 2016
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Instrument :
BNA_M
ClientSampleId :
YA8Y5

Manual Integrations APPROVED
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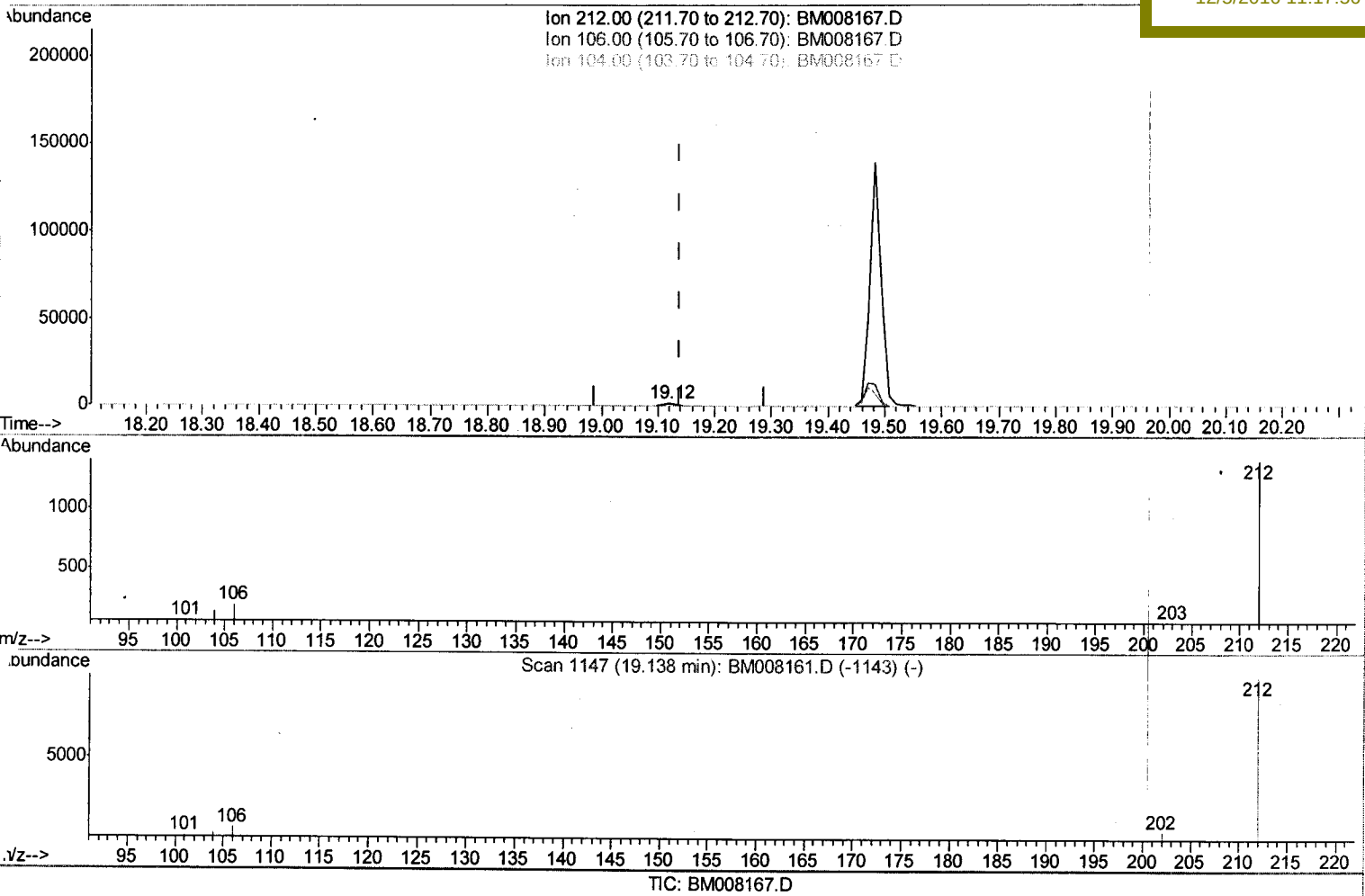
12/5/2016 11:17:56 AM



TIC: BM008167.D

(14) Fluoranthene-d10 (SURR)

19.120min (-0.017) 0.28ng/ul

response 1766

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)

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Misc :
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Quant Time: Dec 03 02:22:20 2016
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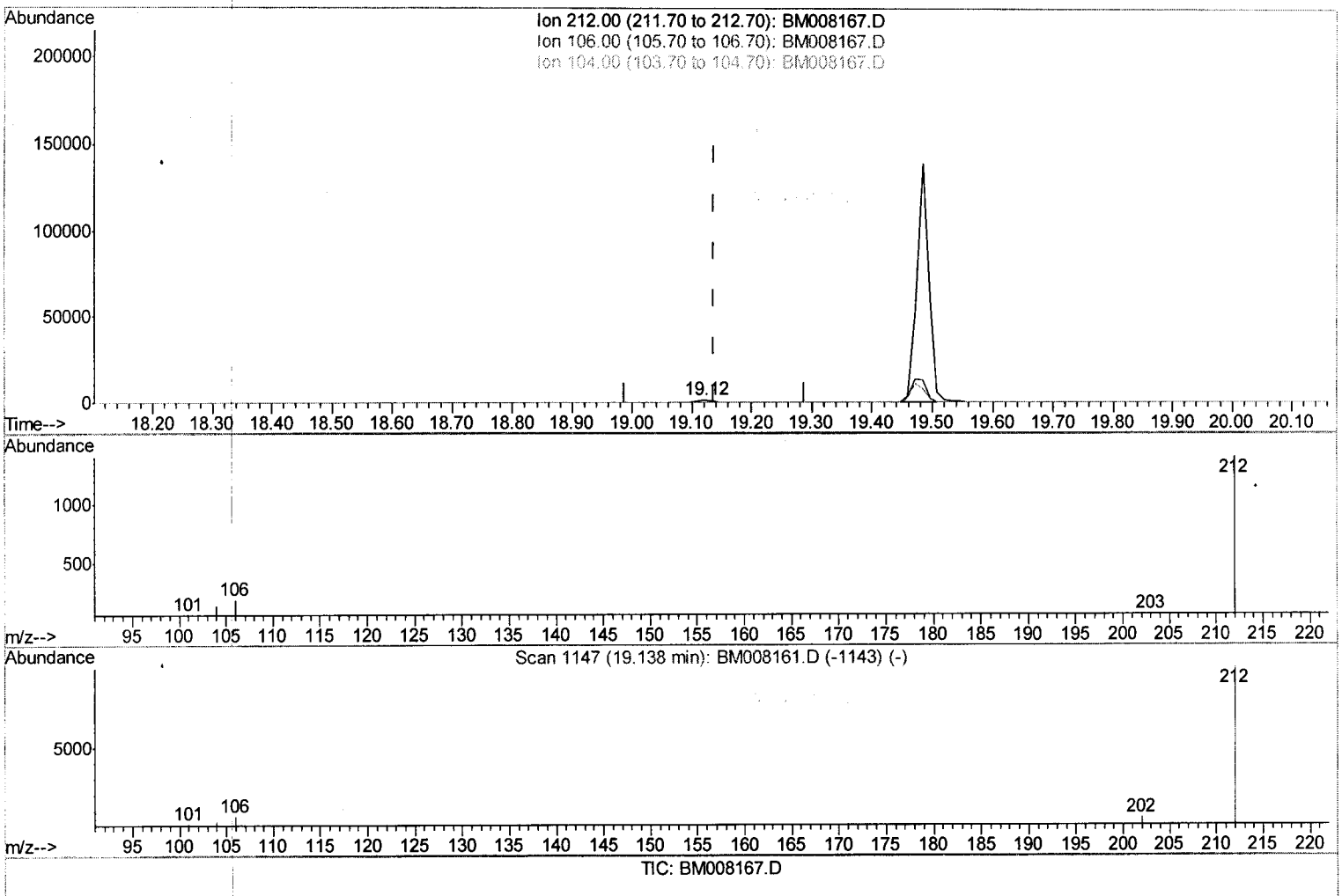
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 00:55:35 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
YA8Y5

Manual Integrations APPROVED
sohil
12/5/2016 11:17:56 AM



TIC: BM008167.D

(14) Fluoranthene-d10 (SURR)

19.120min (-0.017) 0.31ng/ul m > S.J 12/06/16

response 1962

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

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ClientSampleId : YA8Y5

Manual Integrations APPROVED
sohil
12/5/2016 11:17:56 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	581	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	2015	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1294	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2257m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	1757	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1317m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	1041	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1962m	0.31	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.52	128	955	0.17	ng/ul#	88
5) 2-Methylnaphthalene	12.16	142	138	0.04	ng/ul	98

S.J 12/06/16

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