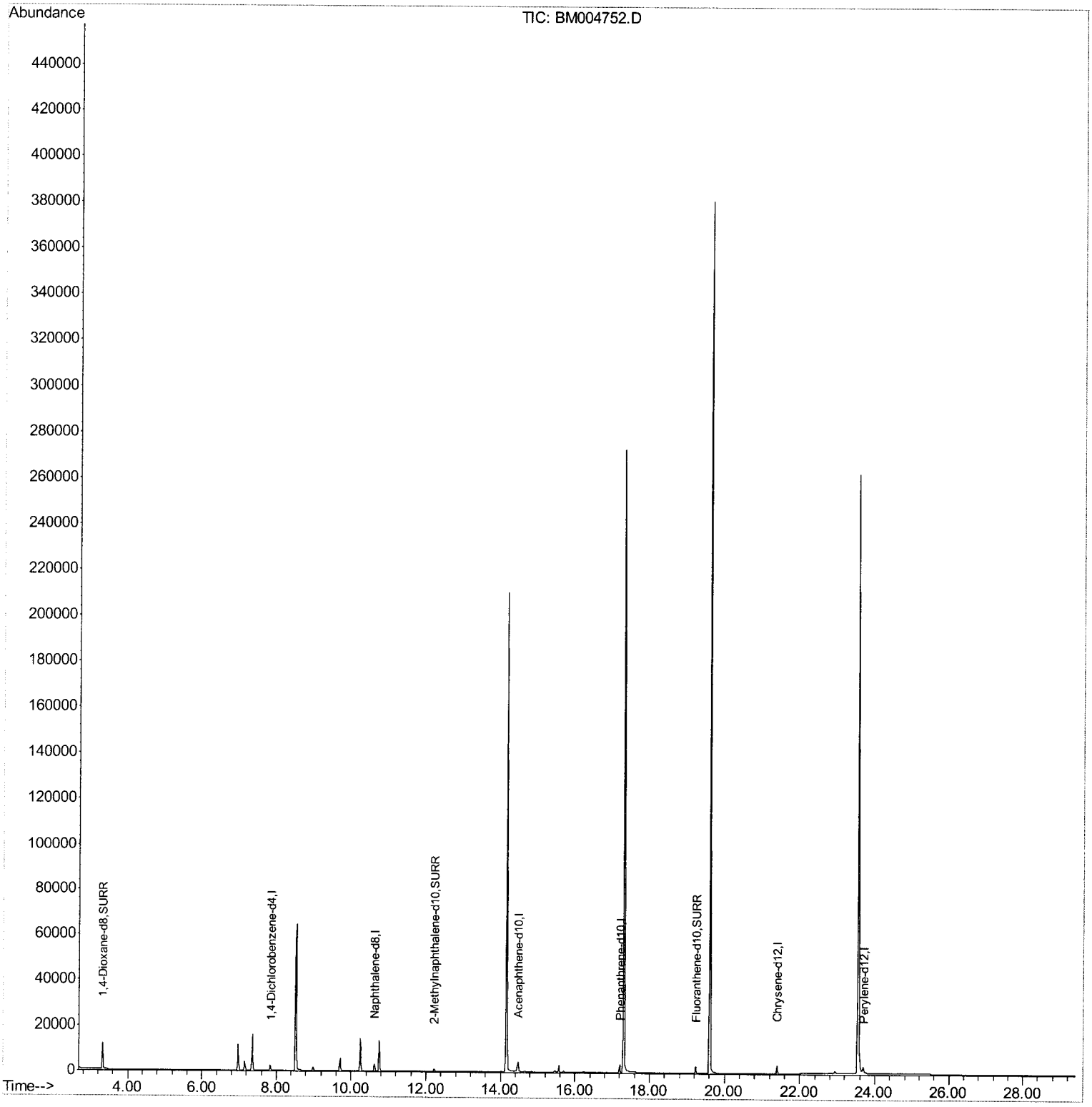
Data Path : Z:\HPCHEM1\BNA M\Data\BM032416\
Data File : BM004752.D
Acq On : 24 Mar 2016 12:15
Operator : UM/SJ
Sample : PB89112BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 17:53:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 16:23:17 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK12

Manual Integrations APPROVED
Sohil
4/6/2016 1:28:00 PM



Data Path : Z:\HPCHEM1\BNA M\Data\BM032416\
Data File : BM004752.D
Acq On : 24 Mar 2016 12:15
Operator : UM/SJ
Sample : PB89112BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 17:37:44 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 16:23:17 2016
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Instrument :
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ClientSampleId :
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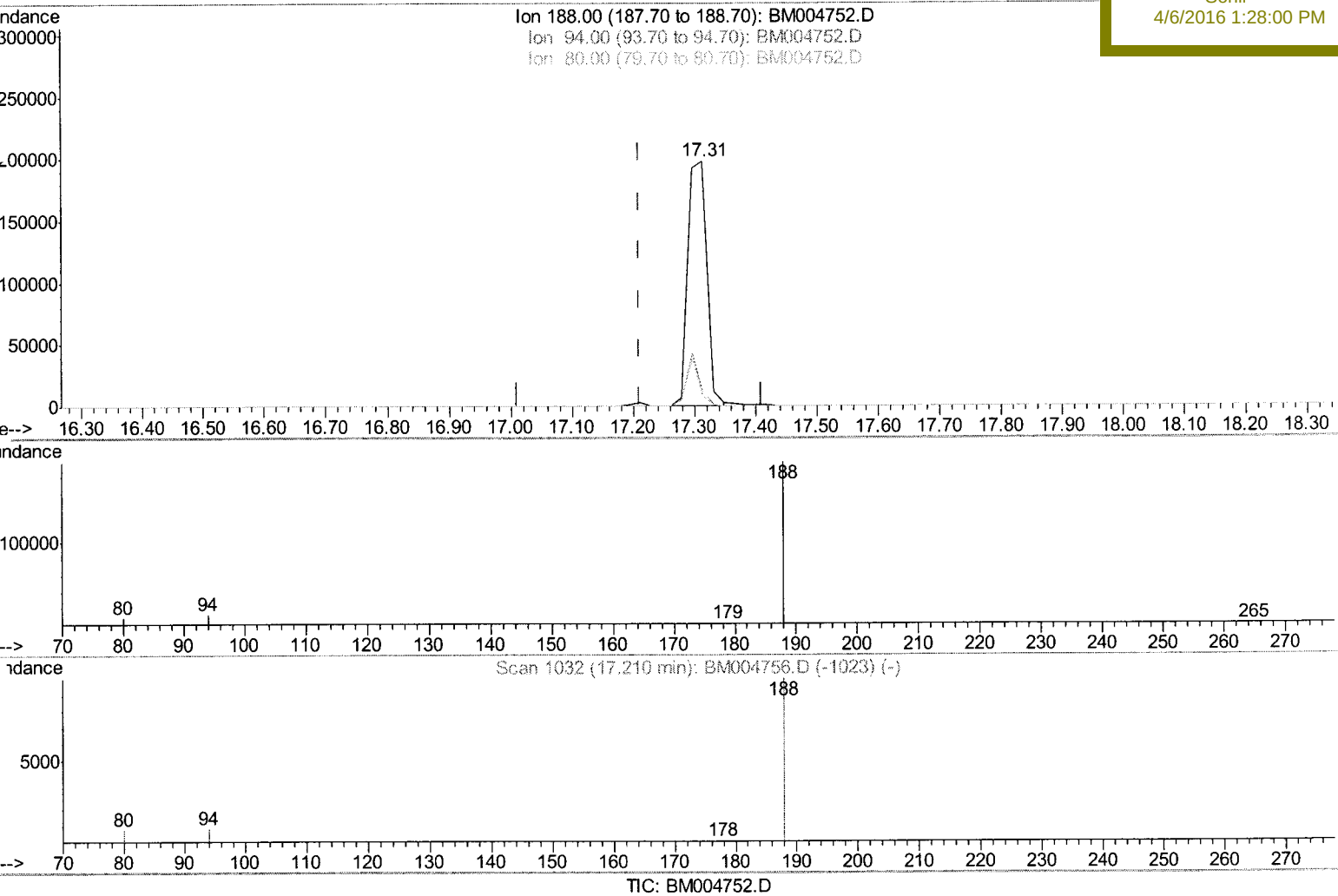
Manual Integrations APPROVED
Sohil
4/6/2016 1:28:00 PM



(12) Phenanthrene-d10 (I)

17.313min (+0.103) 0.40ng/ul

response 422202

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	5.91#
80.00	11.90	3.99#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM032416\
Data File : BM004752.D
Acq On : 24 Mar 2016 12:15
Operator : UM/SJ
Sample : PB89112BL
Misc :
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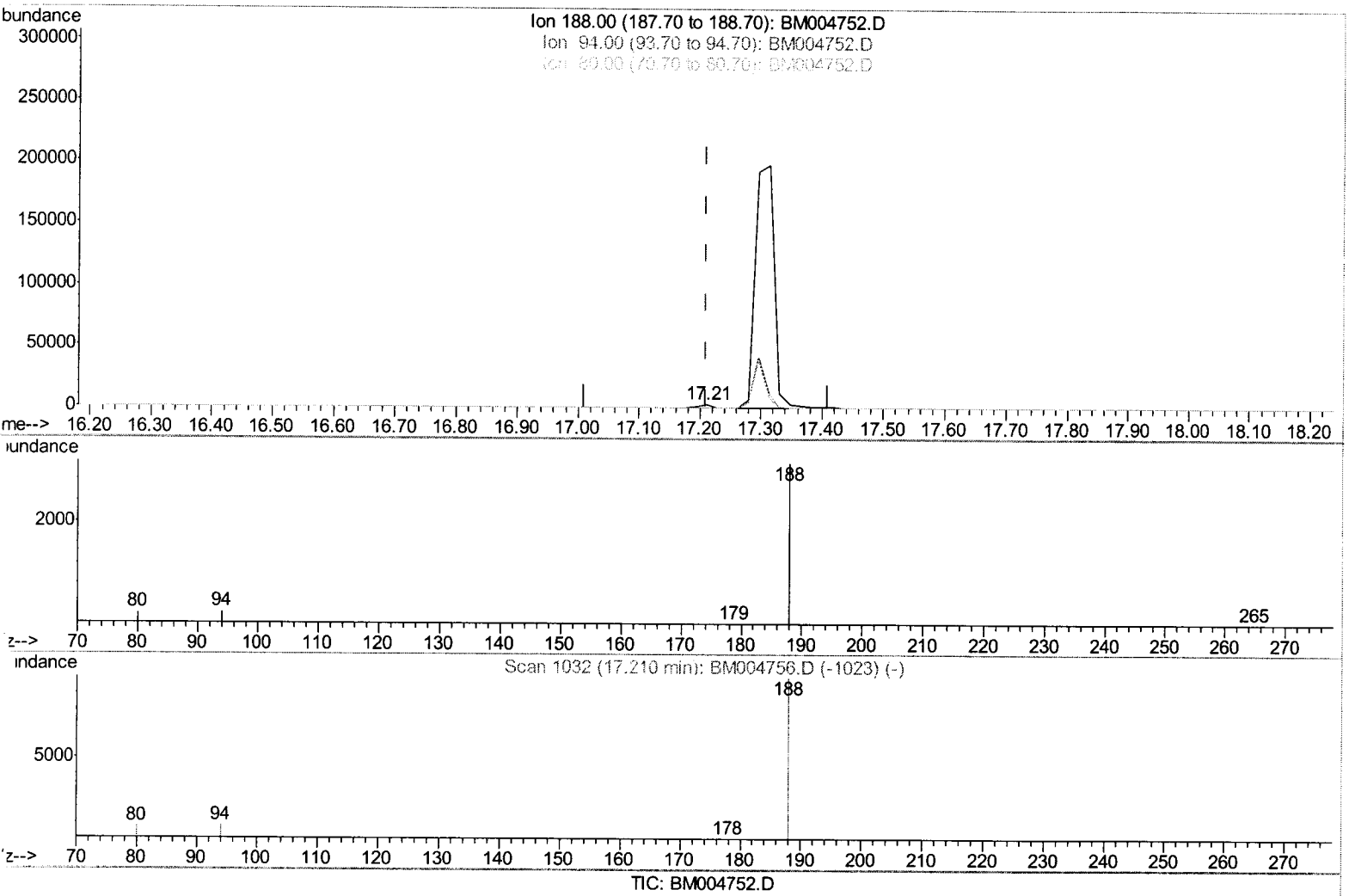
Instrument :
BNA_M
ClientSampleId :
SBLK12

Manual Integrations APPROVED
Sohil
4/6/2016 1:28:00 PM



(12) Phenanthrene-d10 (I)

17.210min (+0.000) 0.40ng/ul m U.M 04/07/16

response 5078

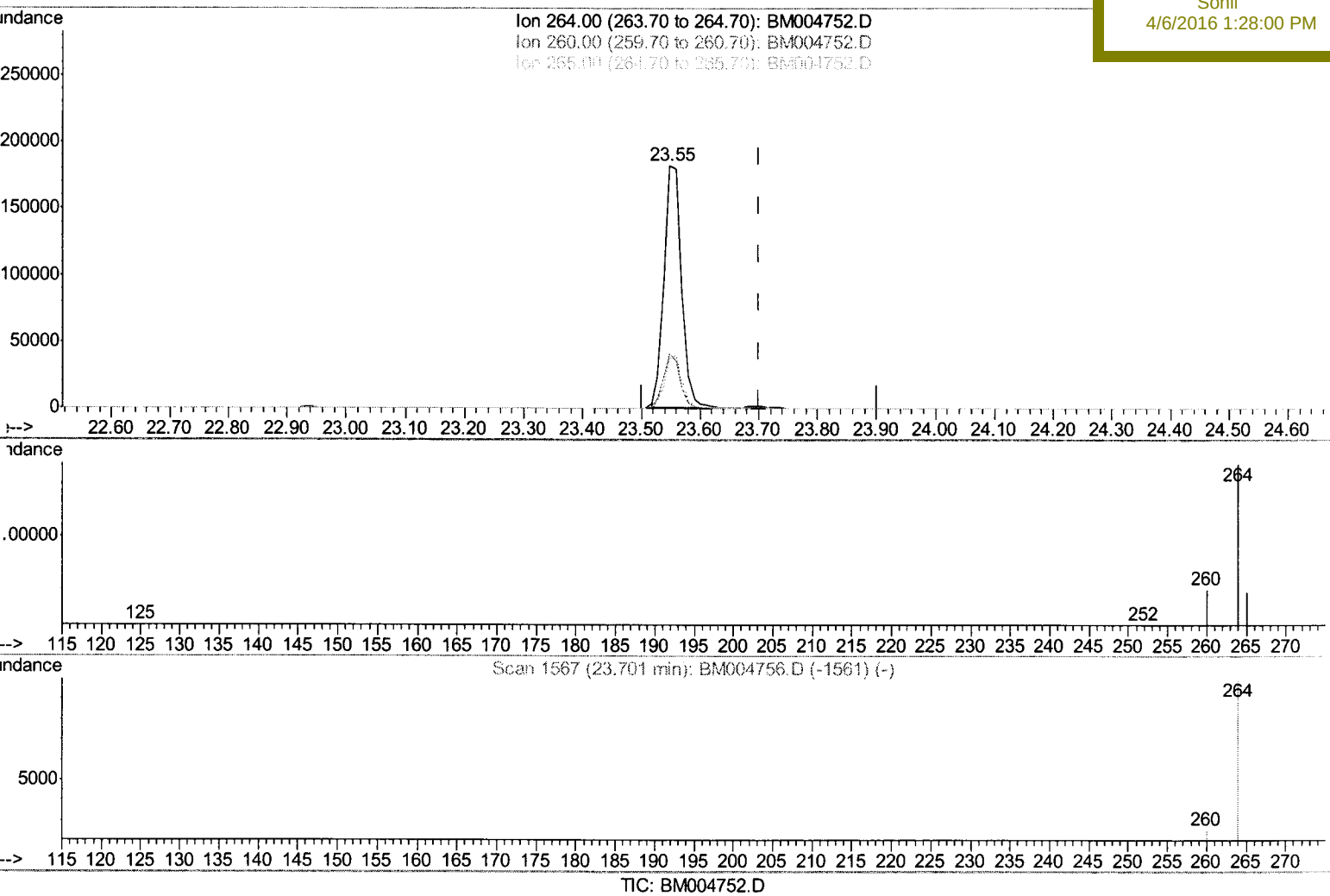
Ion	Exp%	Act%
188.00	100	100
94.00	11.70	8.41#
80.00	11.90	7.62#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM032416\
Data File : BM004752.D
Acq On : 24 Mar 2016 12:15
Operator : UM/SJ
Sample : PB89112BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 17:43:48 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 16:23:17 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK12

Manual Integrations APPROVED
Sohil
4/6/2016 1:28:00 PM



(22) Perylene-d12 (I)

23.549min (-0.153) 0.40ng/ul

response 376392

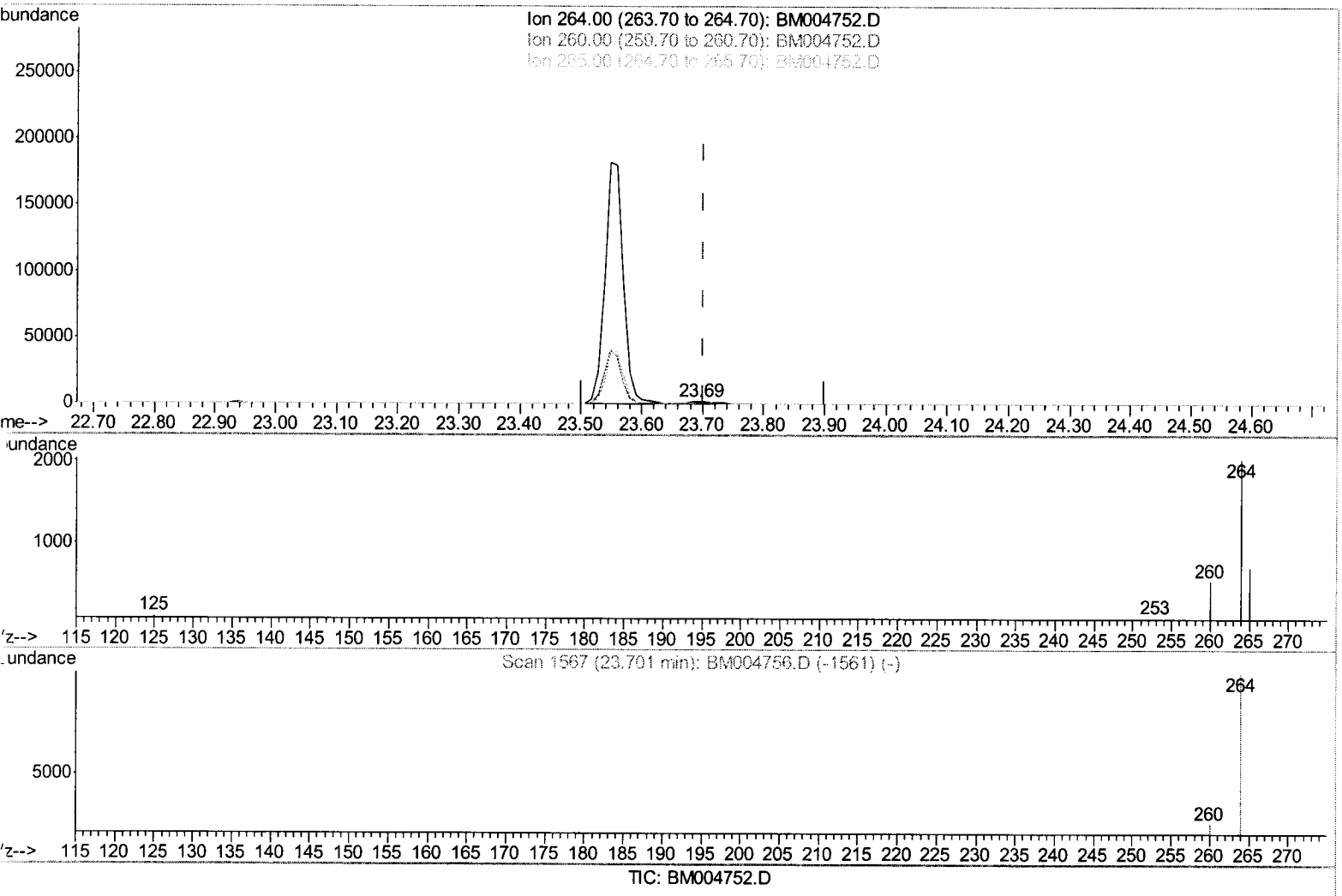
Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.33
265.00	38.20	20.48#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM032416\
Data File : BM004752.D
Acq On : 24 Mar 2016 12:15
Operator : UM/SJ
Sample : PB89112BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 17:43:48 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 16:23:17 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK12

Manual Integrations APPROVED
Sohil
4/6/2016 1:28:00 PM



TIC: BM004752.D

(22) Perylene-d12 (I)

23.694min (-0.007) 0.40ng/ul m

response 2373

U.M 04/07/16

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	27.22
265.00	38.20	35.36
0.00	0.00	0.00

ata Path : Z:\HPCHEM1\BNA M\Data\BM032416\
ata File : BM004752.D
:g On : 24 Mar 2016 12:15
)erator : UM/SJ
ample : PB89112BL
isc :
LS Vial : 3 Sample Multiplier: 1

uant Time: Apr 05 17:53:39 2016
uant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
uant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 05 16:23:17 2016
:esponse via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SBLK12

Manual Integrations APPROVED
Sohil
4/6/2016 1:28:00 PM

U.M 04/07/16

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1237	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5017	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2653	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5078m	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	3712	0.40	ng/ul	0.00
22) Perylene-d12	23.69	264	2373m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	8560	14.28	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2246	0.39	ng/ul	0.00
16) Fluoranthene-d10	19.25	212	4283	0.42	ng/ul	0.00
Target Compounds						Qvalue

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