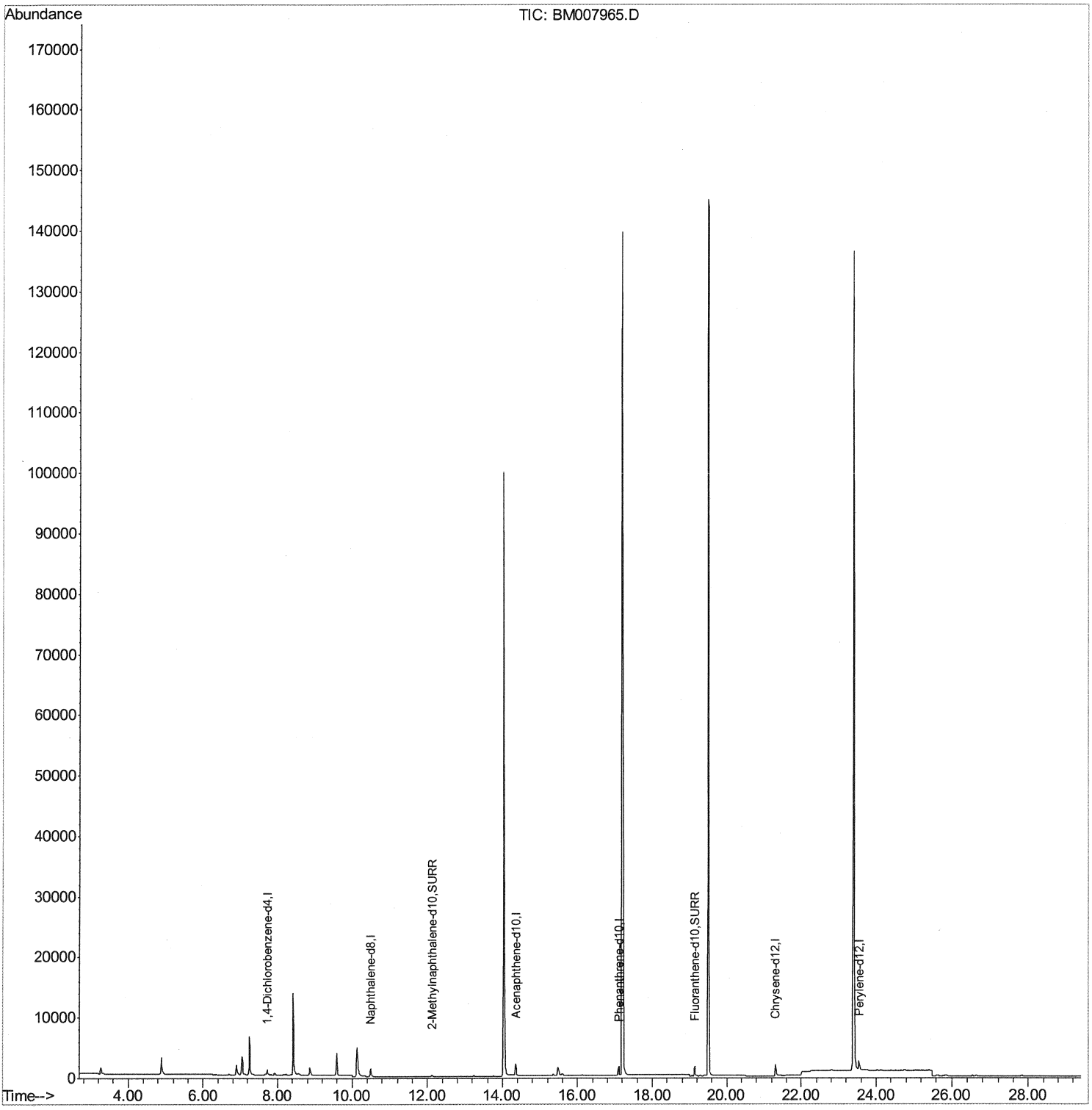
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
Data File : BM007965.D
Acq On : 21 Nov 2016 19:19
Operator : UM/SJ
Sample : H5699-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 22 05:32:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 04:57:47 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WD1

Manual Integrations APPROVED
sohil
11/22/2016 3:58:46 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
Data File : BM007965.D
Acq On : 21 Nov 2016 19:19
Operator : UM/SJ
Sample : H5699-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 22 05:00:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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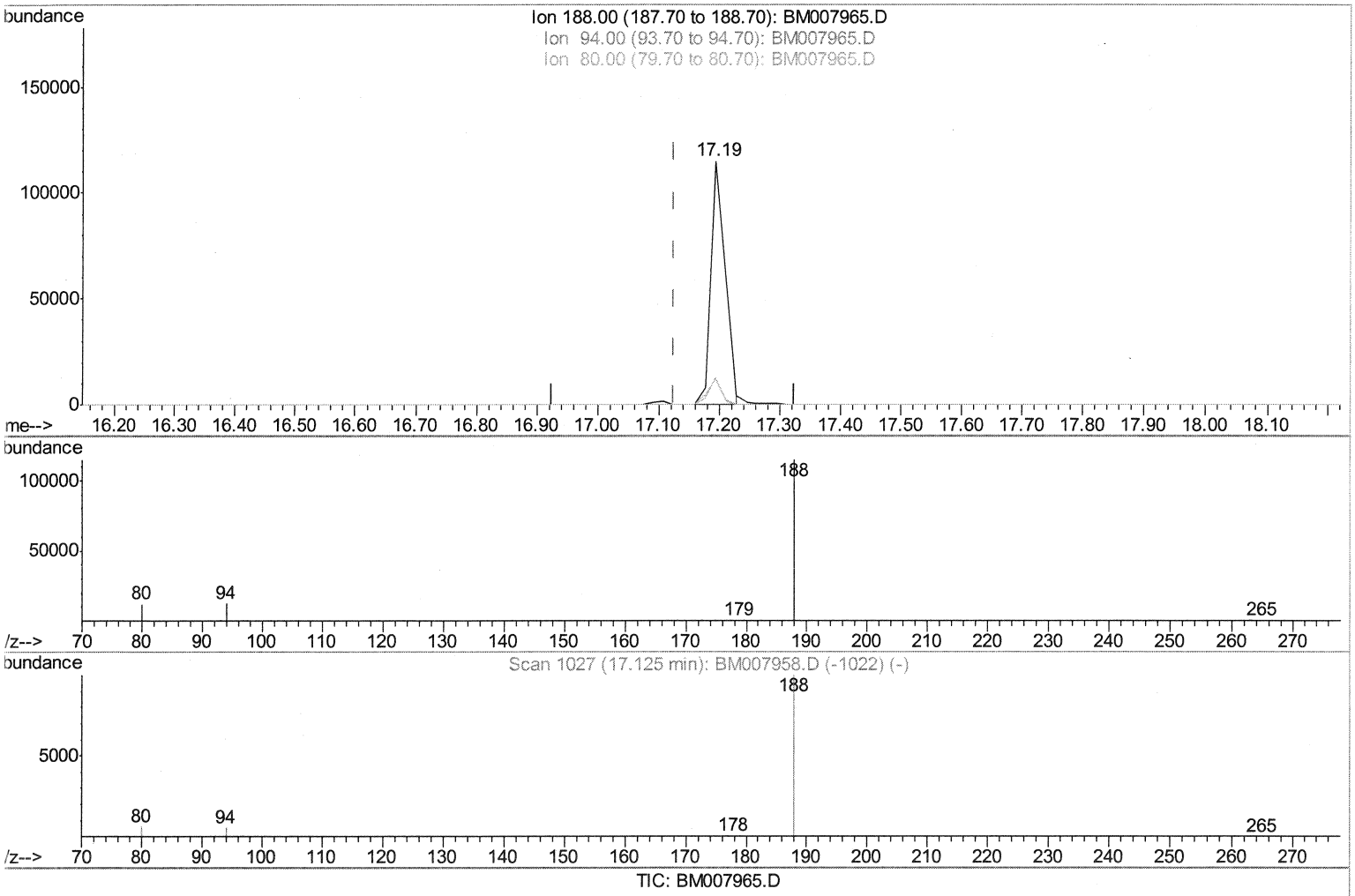

TIC: BM007965.D

(10) Phenanthrene-d10 (I)

17.193min (+0.069) 0.40ng/ul

response 188407

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.79
80.00	11.80	10.51
0.00	0.00	0.00

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BNA_M
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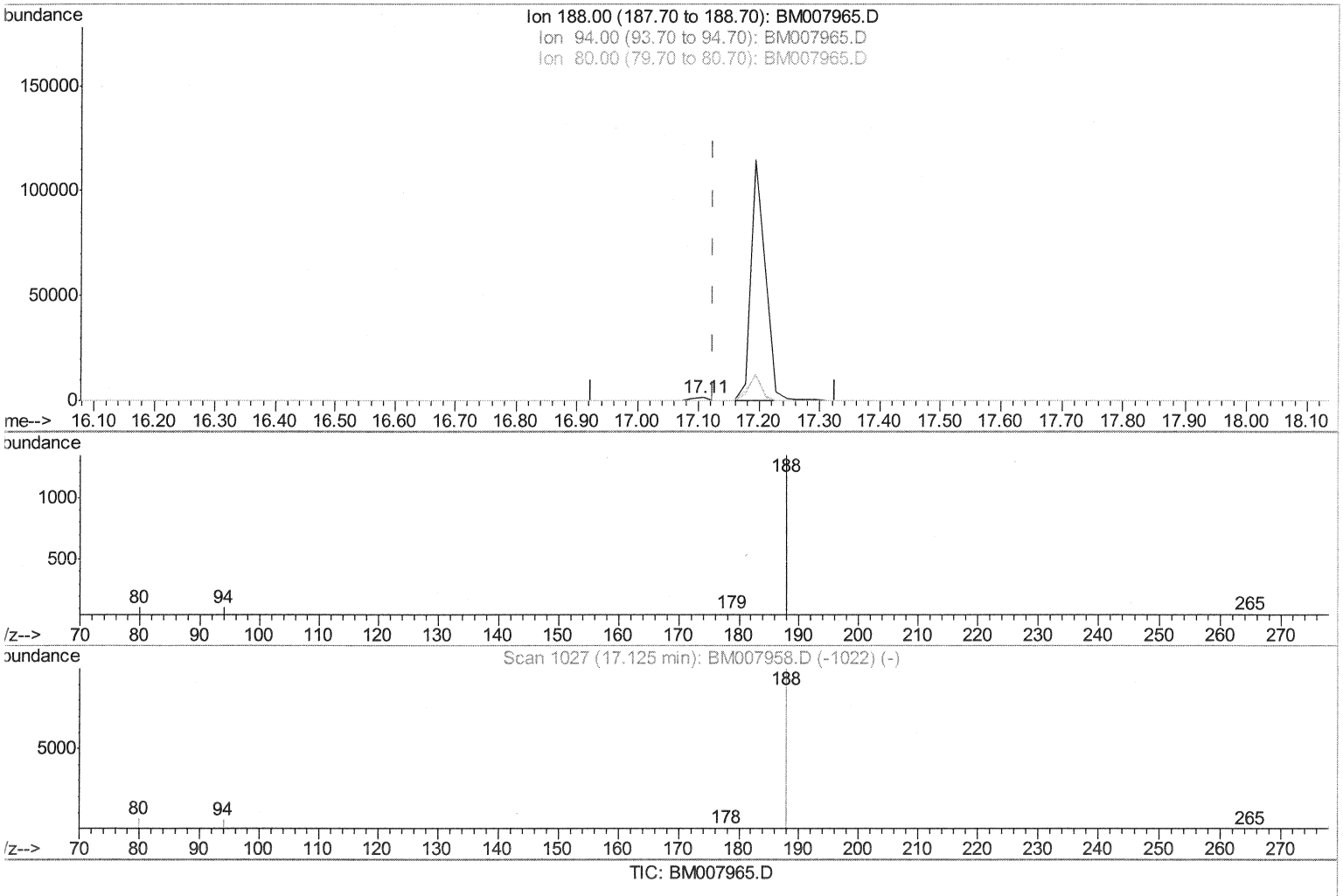
Manual Integrations APPROVED
sohil
11/22/2016 3:58:46 PM



(10) Phenanthrene-d10 (I)

17.108min (-0.017) 0.40ng/ul m SJ 11/23/16

response 2381

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.10#
80.00	11.80	7.88#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
Data File : BM007965.D
Acq On : 21 Nov 2016 19:19
Operator : UM/SJ
Sample : H5699-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 22 05:00:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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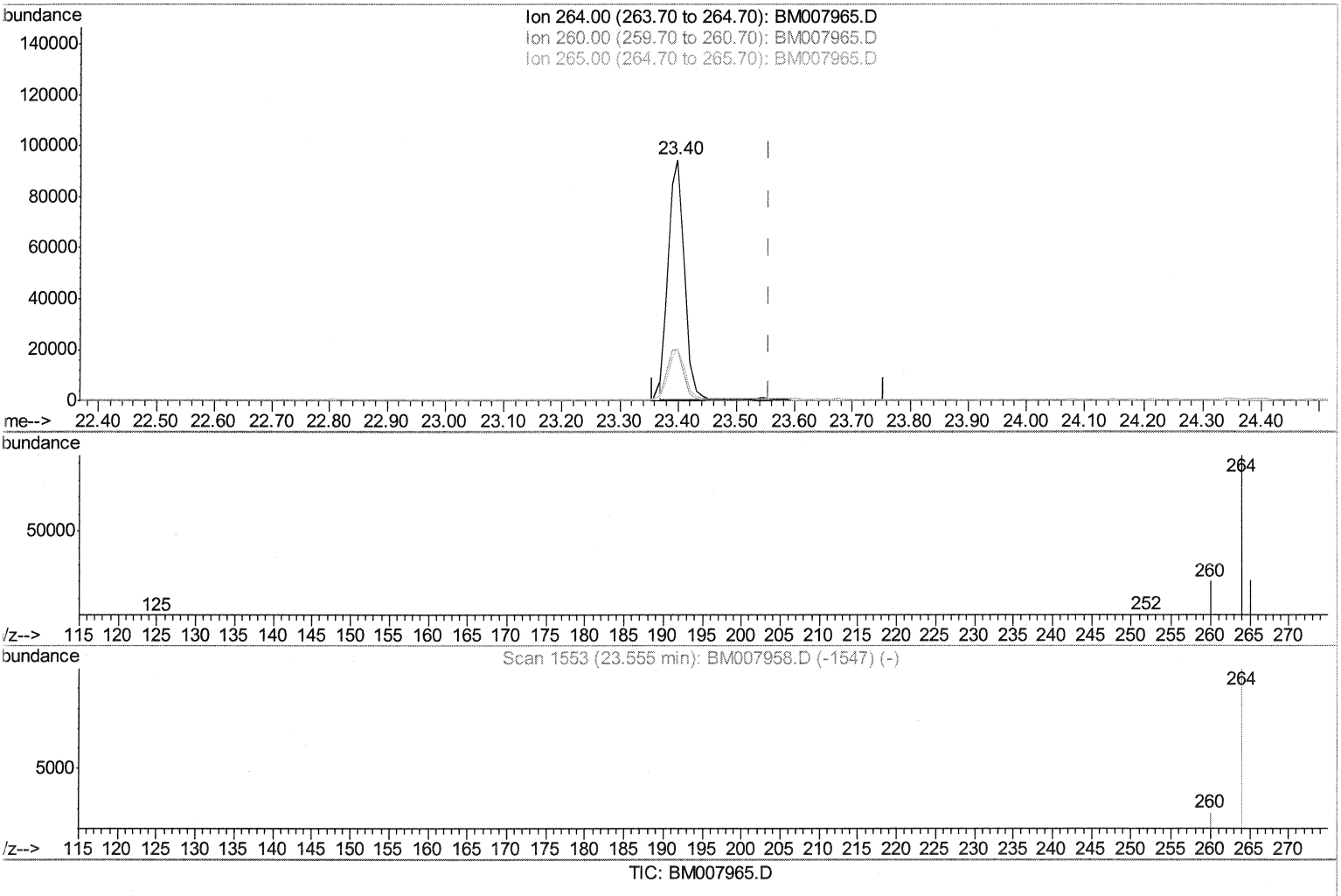
Instrument :
BNA_M
ClientSampleId :
A4WD1

Manual Integrations APPROVED
sohil
11/22/2016 3:58:46 PM



TIC: BM007965.D

(20) Perylene-d12 (I)

23.399min (-0.156) 0.40ng/ul

response 180738

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.38#
265.00	103.50	21.92#
0.00	0.00	0.00

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Data File : BM007965.D
Acq On : 21 Nov 2016 19:19
Operator : UM/SJ
Sample : H5699-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 22 05:00:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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Instrument :
BNA_M
ClientSampleId :
A4WD1

Manual Integrations APPROVED
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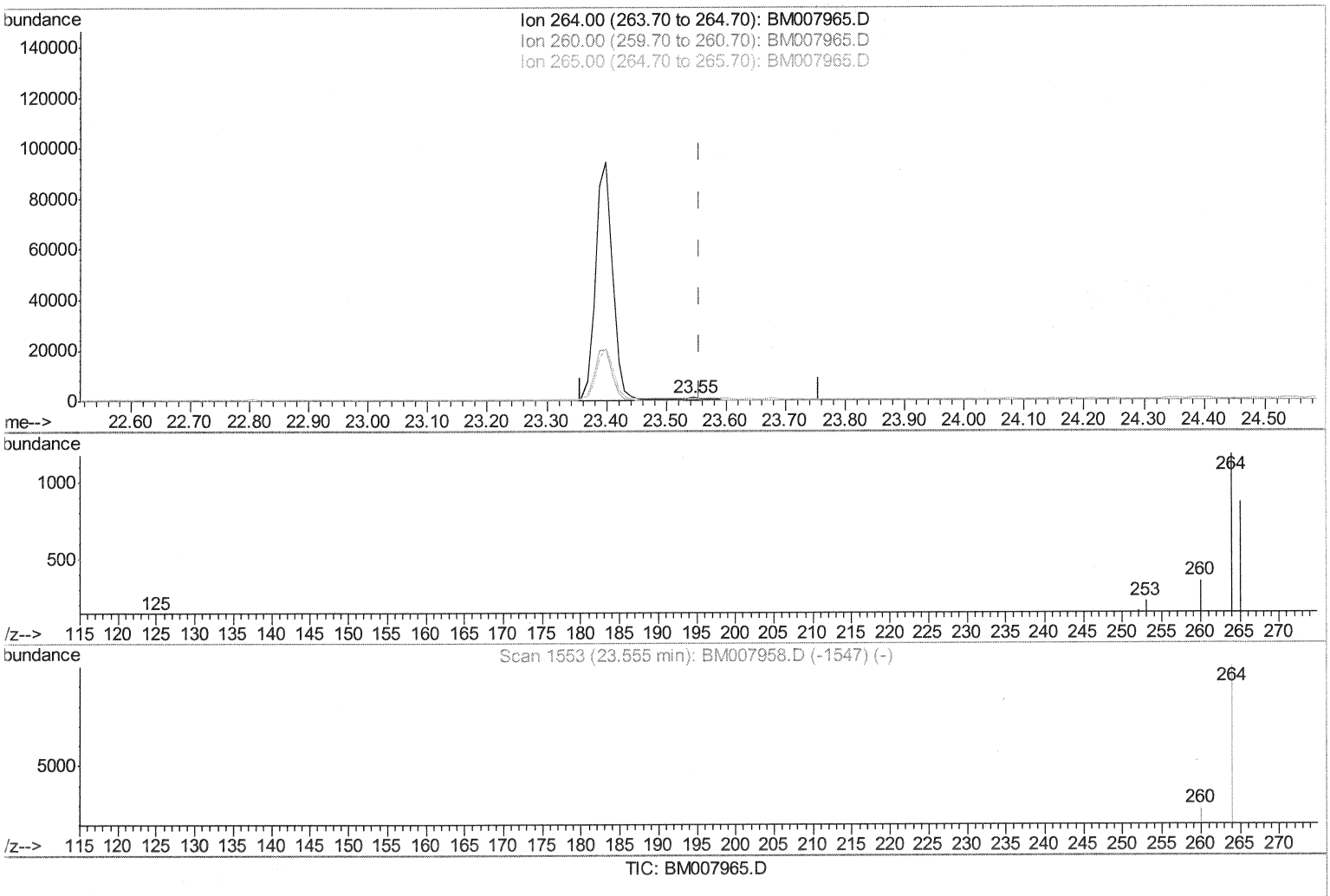

TIC: BM007965.D

(20) Perylene-d12 (I)

23.545min (-0.010) 0.40ng/ul m

SJ 11/23/16

response 1972

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.38
265.00	103.50	73.75#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	594	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	1923	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1224	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.11	188	2381m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	2560	0.40	ng/ul	-0.01
20) Perylene-d12	23.55	264	1972m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	729	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	2240	0.33	ng/ul	-0.01

SJ 11/23/16

Target Compounds	Qvalue

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