

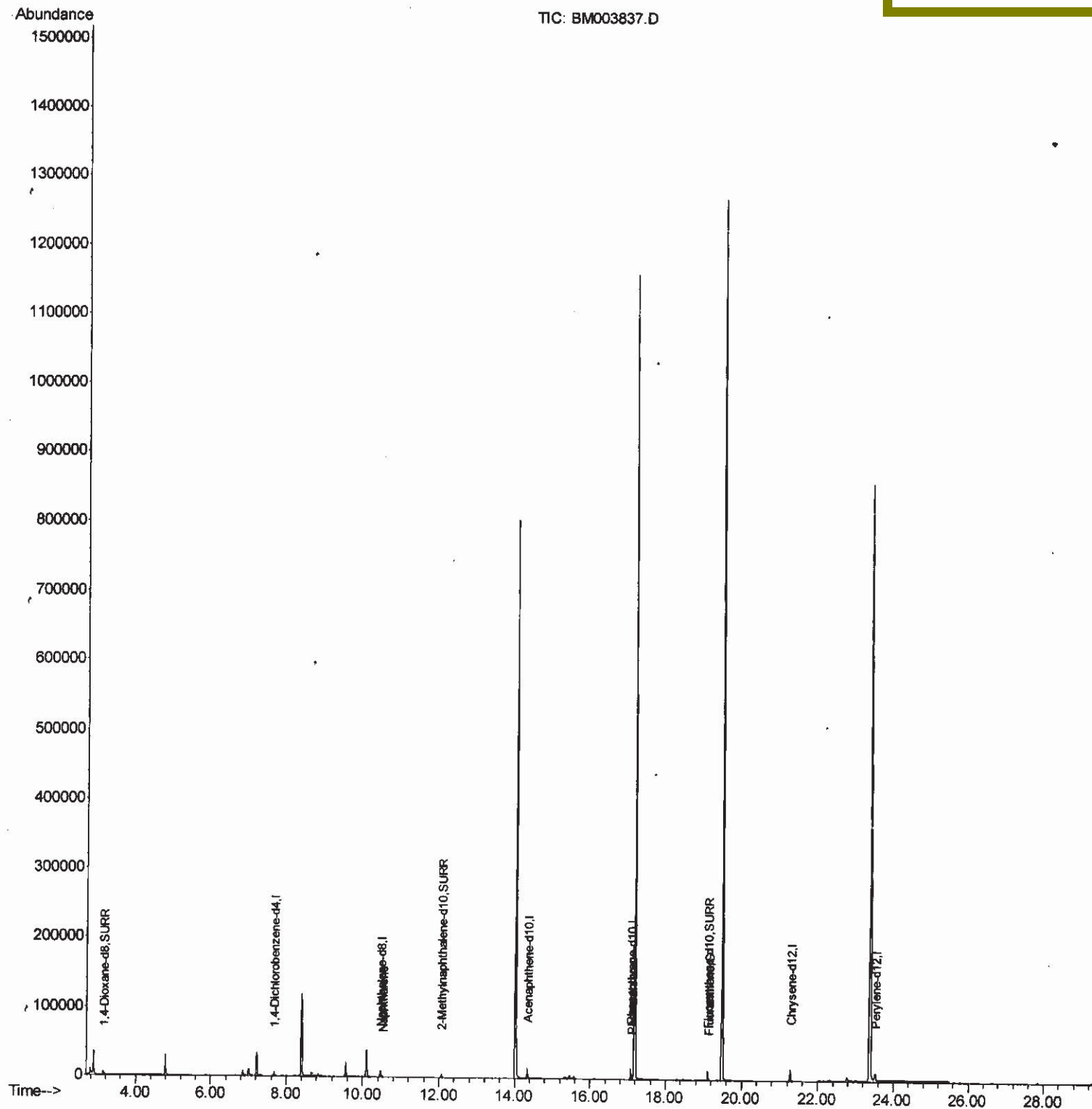
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121515\
Data File : BM003837.D
Acq On : 28 Dec 2015 20:22
Operator : SJ/UM
Sample : G4734-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4KZ5

Quant Time: Dec 29 07:40:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 29 07:09:39 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

UMANGI
12/29/2015 5:41:32 PM



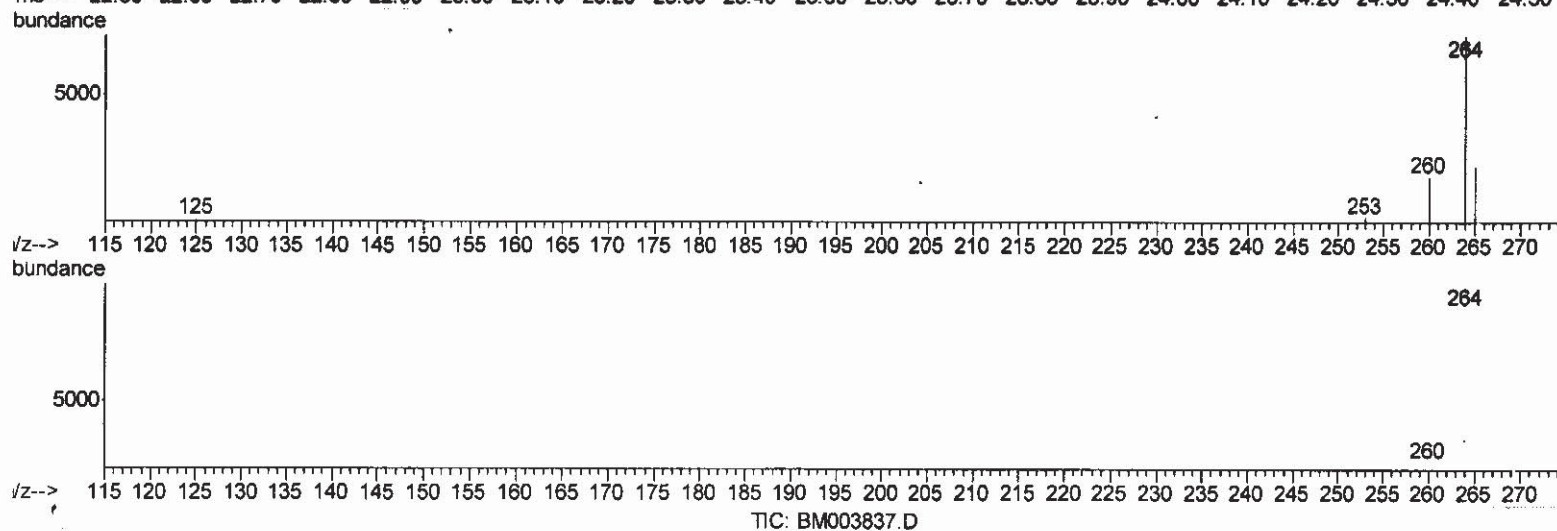
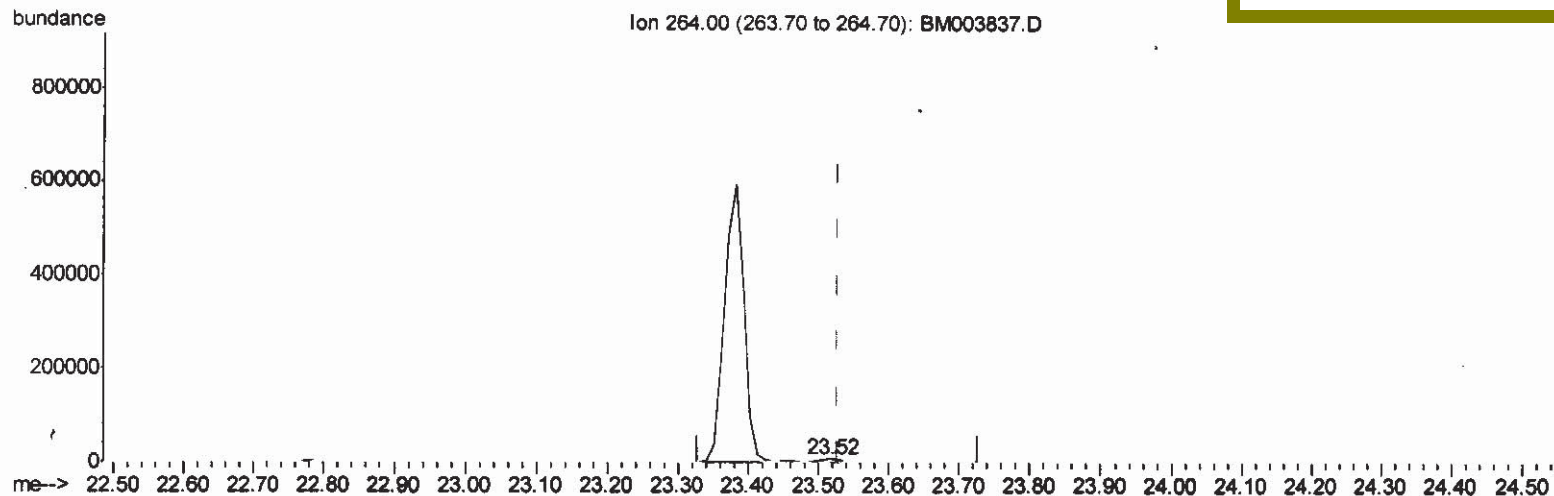
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003837.D
 Acq On : 28 Dec 2015 20:22
 Operator : SJ/UM
 Sample : G4734-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KZ5

Quant Time: Dec 29 07:37:27 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 29 07:09:39 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
 12/29/2015 5:41:32 PM



(22) Perylene-d12 (I)

23.517min (-0.010) 0.40ng/ul m

response 11773

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.70
265.00	38.20	32.74
0.00	0.00	0.00

U.M
 12/31/15

Instrument :
BNA_M
ClientSampleId :
A4KZ5

Manual Integrations

UMANGI
12/29/2015 5:41:32 PM



Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.09
265.00	38.20	22.09#
0.00	0.00	0.00

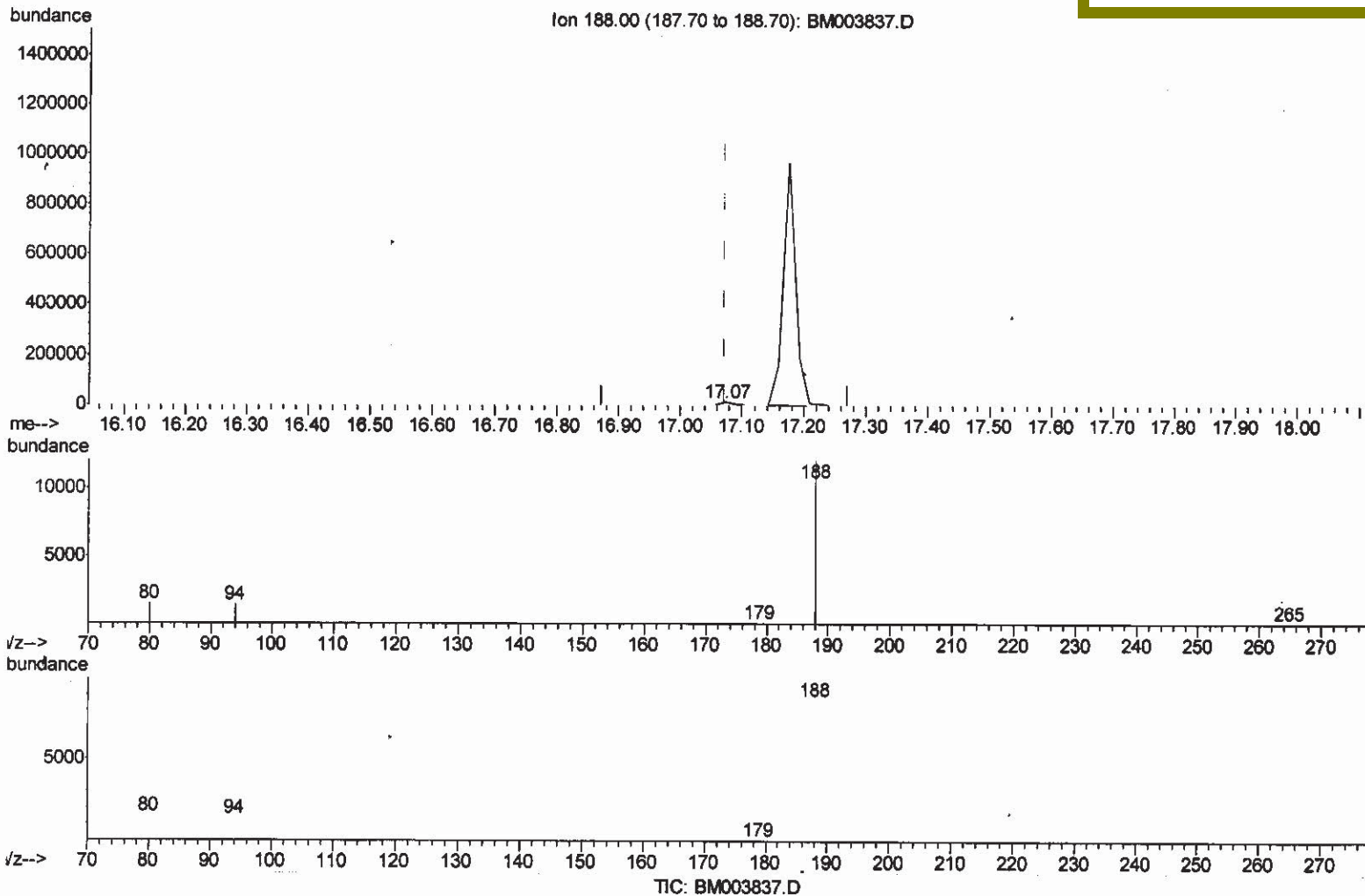
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003837.D
 Acq On : 28 Dec 2015 20:22
 Operator : SJ/UM
 Sample : G4734-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KZ5

Quant Time: Dec 29 07:13:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 29 07:09:39 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
 12/29/2015 5:41:32 PM



(12) Phenanthrene-d10 (I)

17.073min (-0.000) 0.40ng/ul m

response 18872

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.88
80.00	11.90	12.52
0.00	0.00	0.00

U.M
 12/31/15

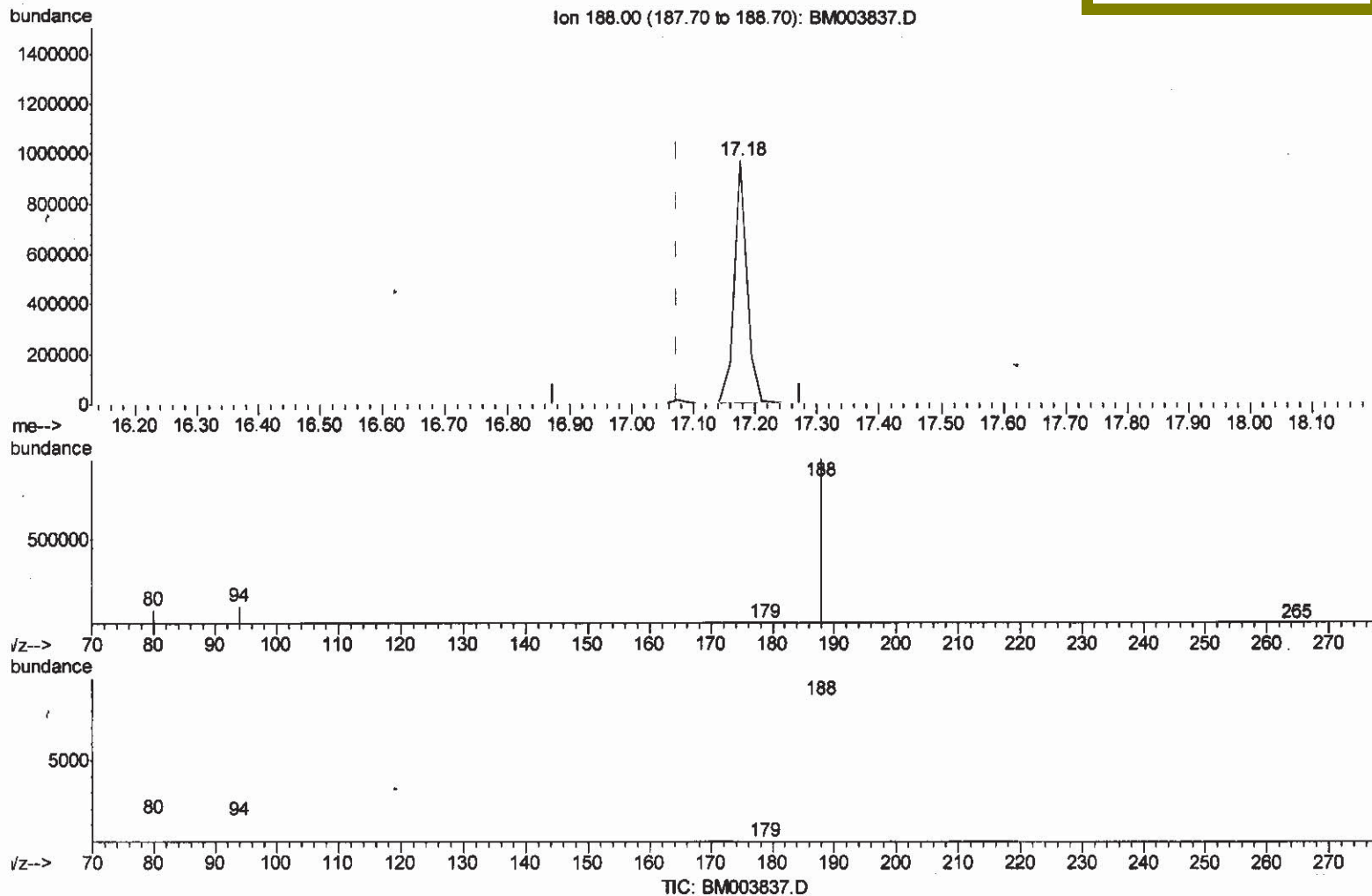
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003837.D
 Acq On : 28 Dec 2015 20:22
 Operator : SJ/UM
 Sample : G4734-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KZ5

Quant Time: Dec 29 07:13:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 29 07:09:39 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
 12/29/2015 5:41:32 PM



(12) Phenanthrene-d10 (I)

17.176min (+0.103) 0.40ng/ul

response 1364905

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.55
80.00	11.90	8.38#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
 Data File : BM003837.D
 Acq On : 28 Dec 2015 20:22
 Operator : SJ/UM
 Sample : G4734-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KZ5

Quant Time: Dec 29 14:51:45 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 29 07:09:39 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
 12/29/2015 5:41:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3213	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	14245	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	8605	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	18872m	0.40	ng/ul	0.00
18) Chrysene-d12	21.29	240	16932	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	11773m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	4418	3.22	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.07	152	6752	0.40	ng/ul	0.00
16) Fluoranthene-d10	19.13	212	17428	0.44	ng/ul	0.00

Target Compounds Ovalue

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

U M
 12/31/15