

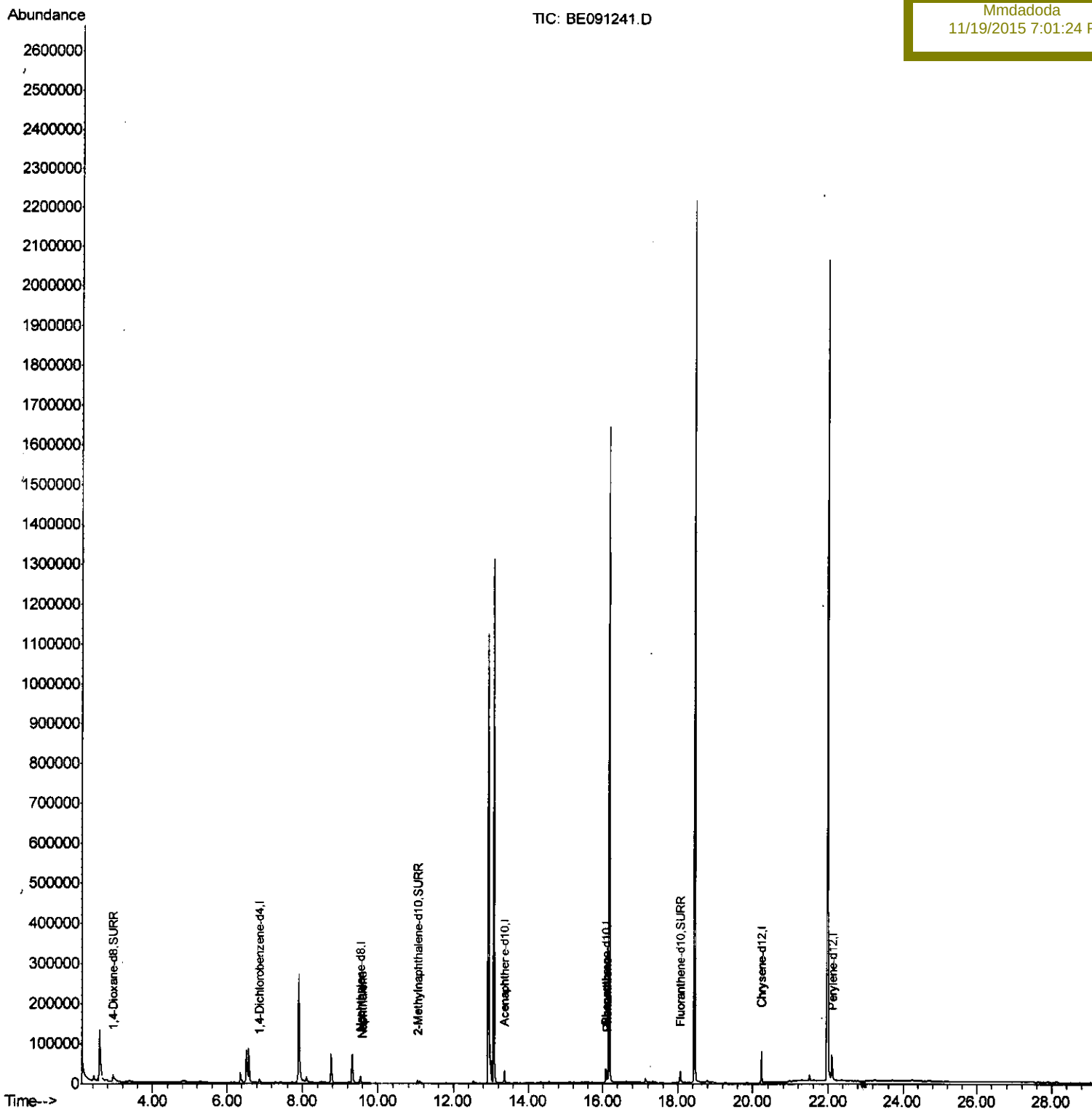
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111815\
Data File : BE091241.D
Acq On : 18 Nov 2015 23:14
Operator : UM/NP
Sample : G4310-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Nov 19 18:37:02 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KM0

Manual Integrations
APPROVED

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11/19/2015 7:01:24 PM



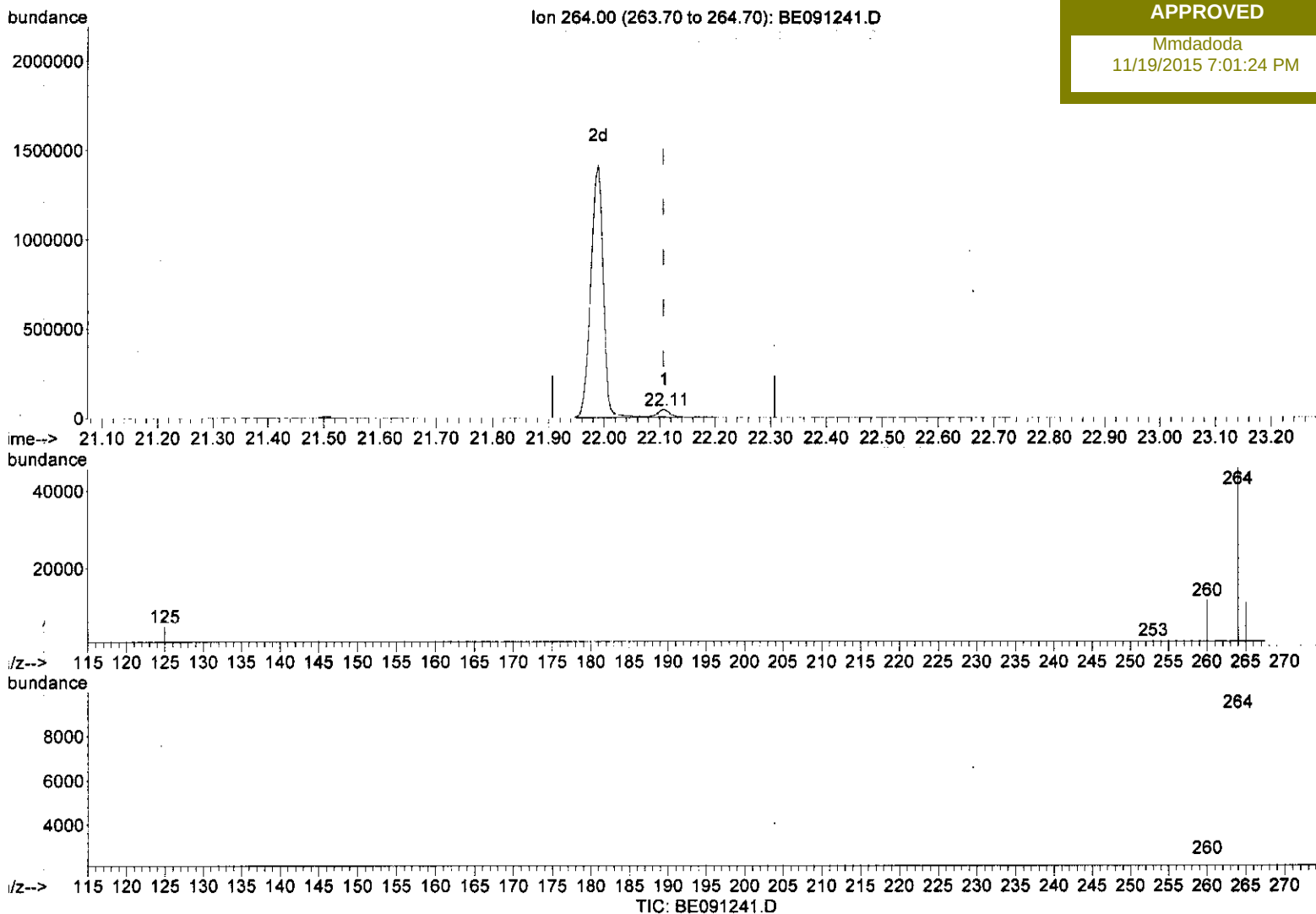
Data Path : Z:\HPCHEM1\BNA E\Data\BE111815\
 Data File : BE091241.D
 Acq On : 18 Nov 2015 23:14
 Operator : UM/NP
 Sample : G4310-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Nov 19 06:59:10 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

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Manual Integrations
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(22) Perylene-d12 (I)

22.108min (+0.001) 0.40ng/ul m

response 59551

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	25.26
265.00	34.70	23.48#
0.00	0.00	0.00

> U.M
 25/11/15

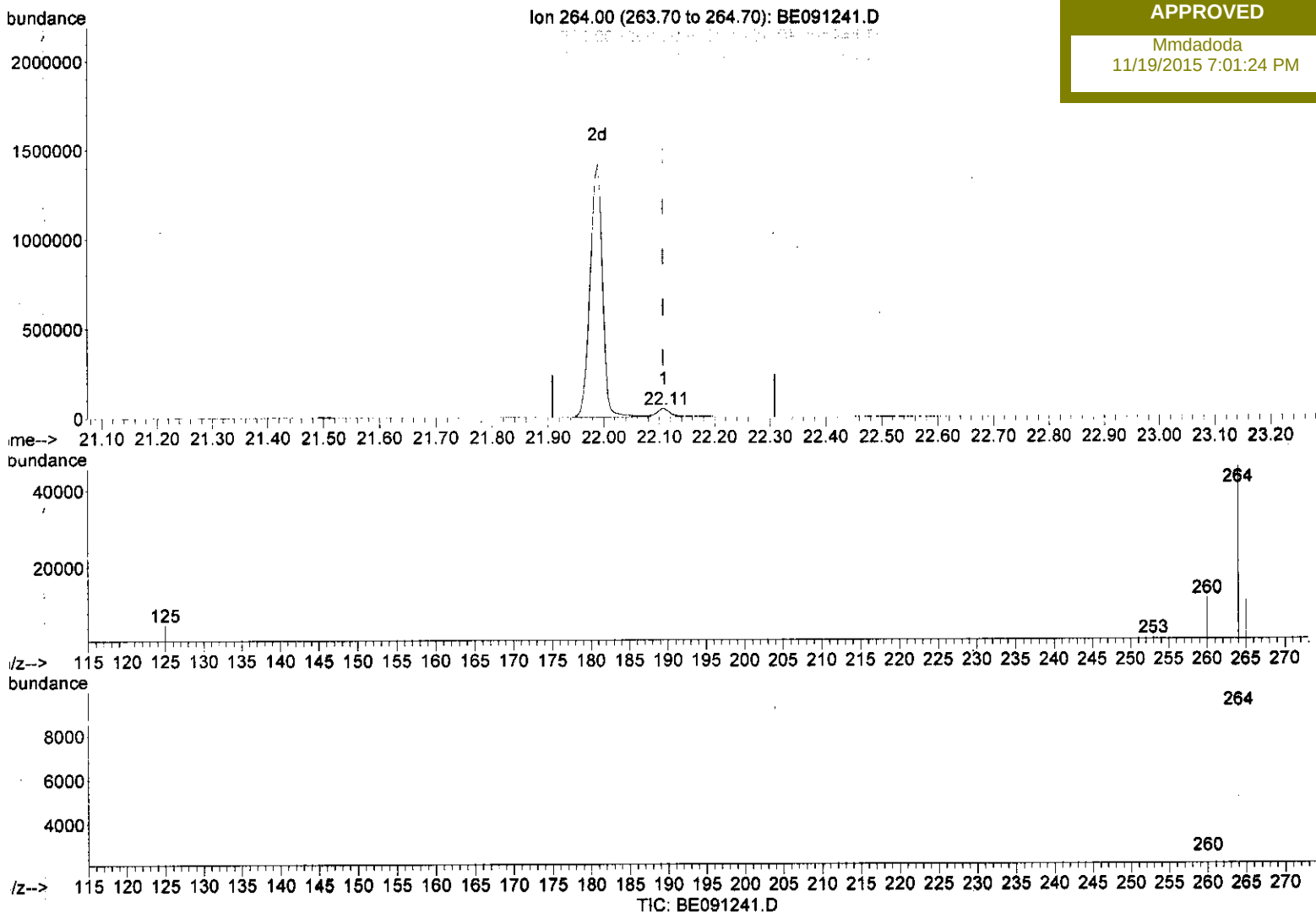
Data Path : Z:\HPCHEM1\BNA E\Data\BE111815\
 Data File : BE091241.D
 Acq On : 18 Nov 2015 23:14
 Operator : UM/NP
 Sample : G4310-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Nov 19 06:59:10 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampled :
 D9KM0

Manual Integrations
 APPROVED

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(22) Perylene-d12 (I)

22.108min (+0.001) 0.40ng/ul

response 78114

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	25.26
265.00	34.70	23.48#
0.00	0.00	0.00

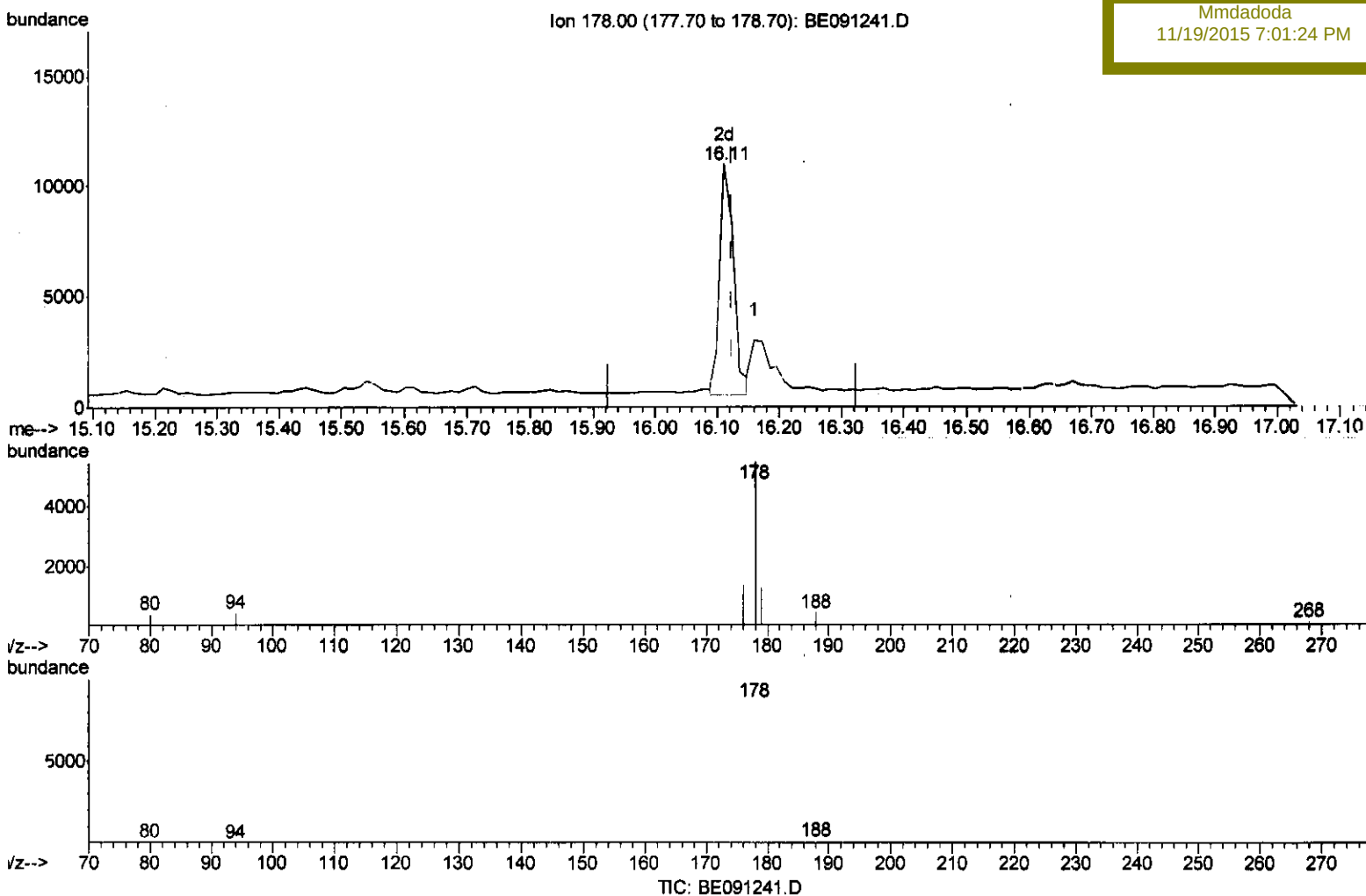
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091241.D
 Acq On : 18 Nov 2015 23:14
 Operator : UM/NP
 Sample : G4310-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Nov 19 06:07:00 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 D9KM0

Manual Integrations
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(14) Phenanthrene

16.112min (-0.014) 0.03ng/ul m

response 16055

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	24.80#
179.00	16.00	23.22#
0.00	0.00	0.00

> U.M
 25/11/15

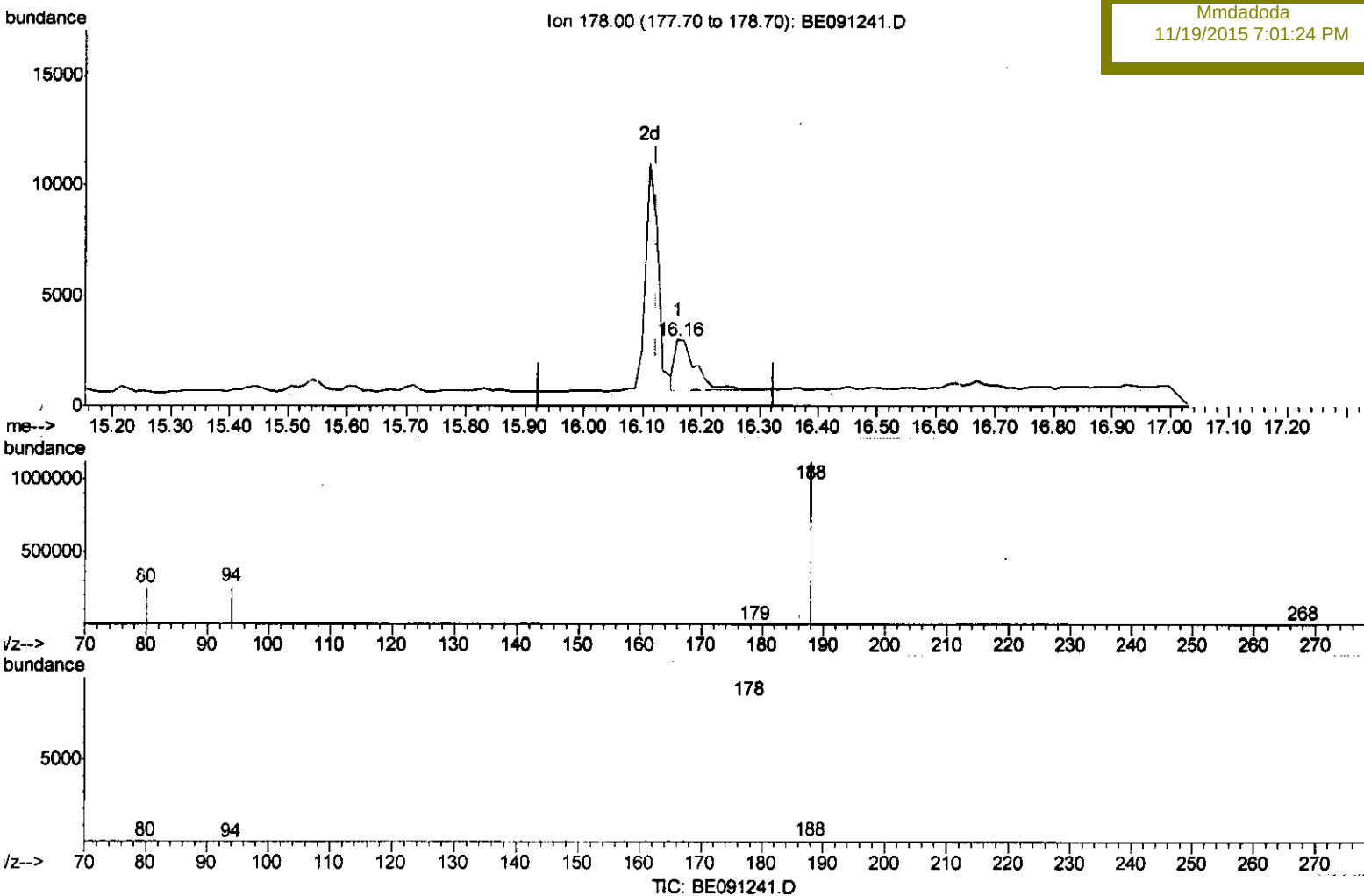
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091241.D
 Acq On : 18 Nov 2015 23:14
 Operator : UM/NP
 Sample : G4310-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Nov 19 06:07:00 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
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Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
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(14) Phenanthrene

16.160min (+0.035) 0.01ng/ul

response 5793

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	23.64
179.00	16.00	186.74#
0.00	0.00	0.00

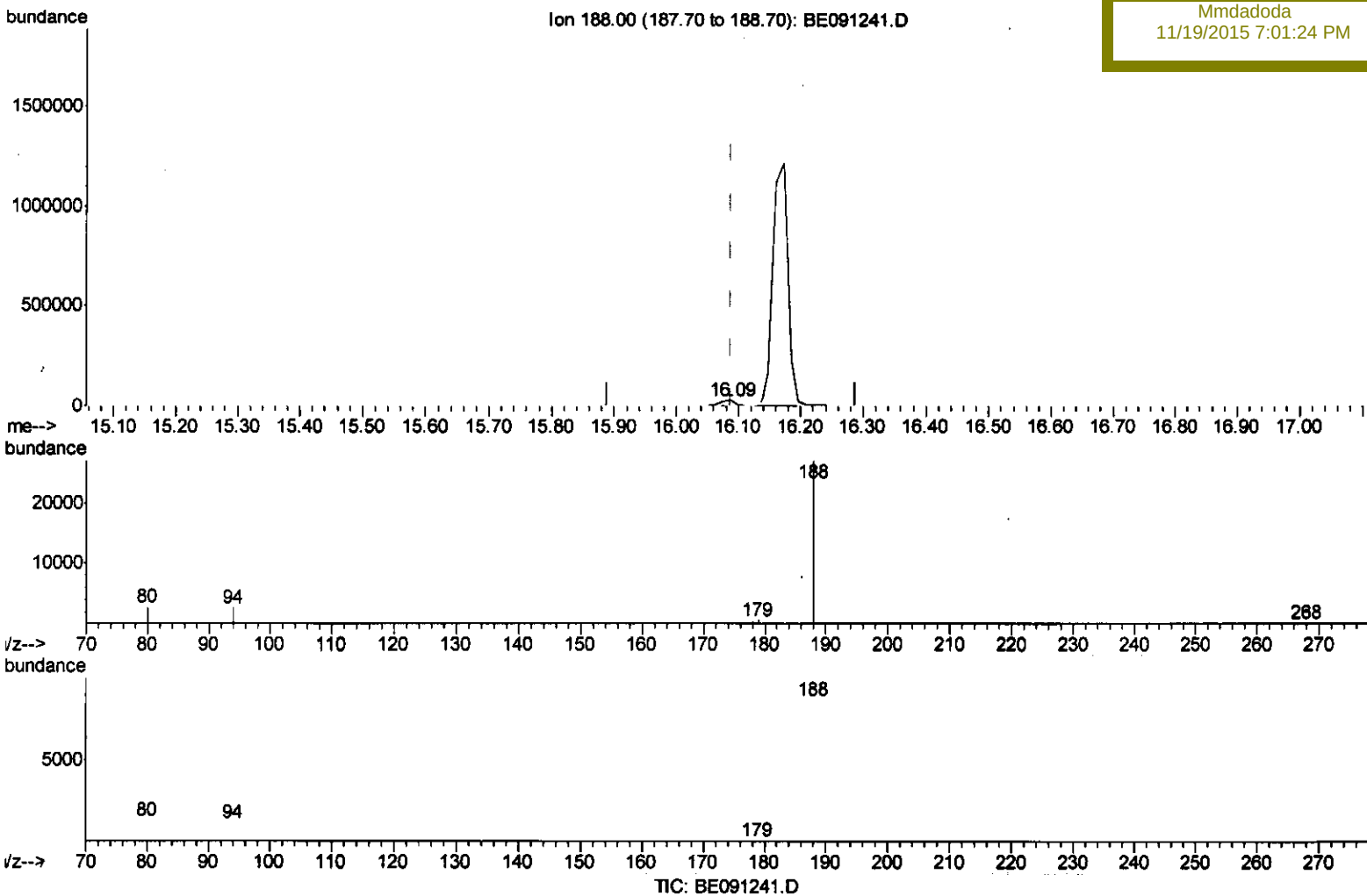
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091241.D
 Acq On : 18 Nov 2015 23:14
 Operator : UM/NP
 Sample : G4310-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Nov 19 06:07:00 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
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Instrument :
 BNA_E
 ClientSampleId :
 D9KM0

Manual Integrations
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(12) Phenanthrene-d10 (I)

16.087min (-0.002) 0.40ng/ul m

response 43518

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	9.50
80.00	8.90	9.88
0.00	0.00	0.00

U.M
 25/11/15

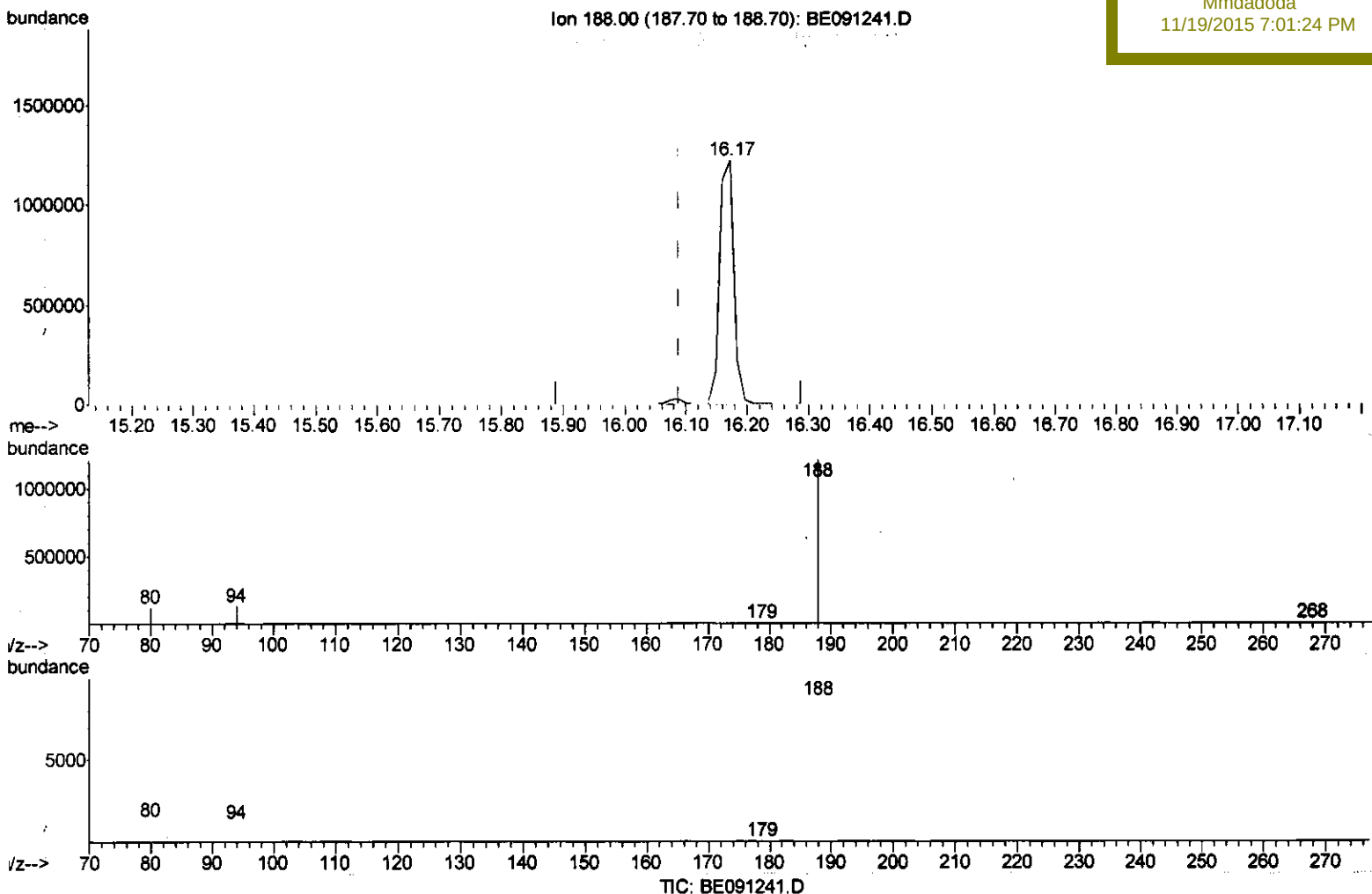
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091241.D
 Acq On : 18 Nov 2015 23:14
 Operator : UM/NP
 Sample : G4310-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Nov 19 06:07:00 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 D9KM0

Manual Integrations
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(12) Phenanthrene-d10 (I)

16.172min (+0.083) 0.40ng/ul

response 2008438

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.95#
80.00	8.90	9.69
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111815\
Data File : BE091241.D
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Operator : UM/NP
Sample : G4310-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Nov 19 18:37:02 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 06:02:12 2015
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Instrument :
BNA_E
ClientSampleId :
D9KMO

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	3706	0.40	ng/ul	-0.04
4) Naphthalene-d8	9.54	136	20969	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	16791	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.09	188	43518m	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	67399	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	59551m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.94	96	27328	10.25	ng/uL	-0.05
6) 2-Methylnaphthalene-d10	11.05	152	10461	0.37	ng/ul	-0.02
16) Fluoranthene-d10	18.07	212	29999	0.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Phenanthrene	16.11	178	16055m	0.03	ng/ul	

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

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