

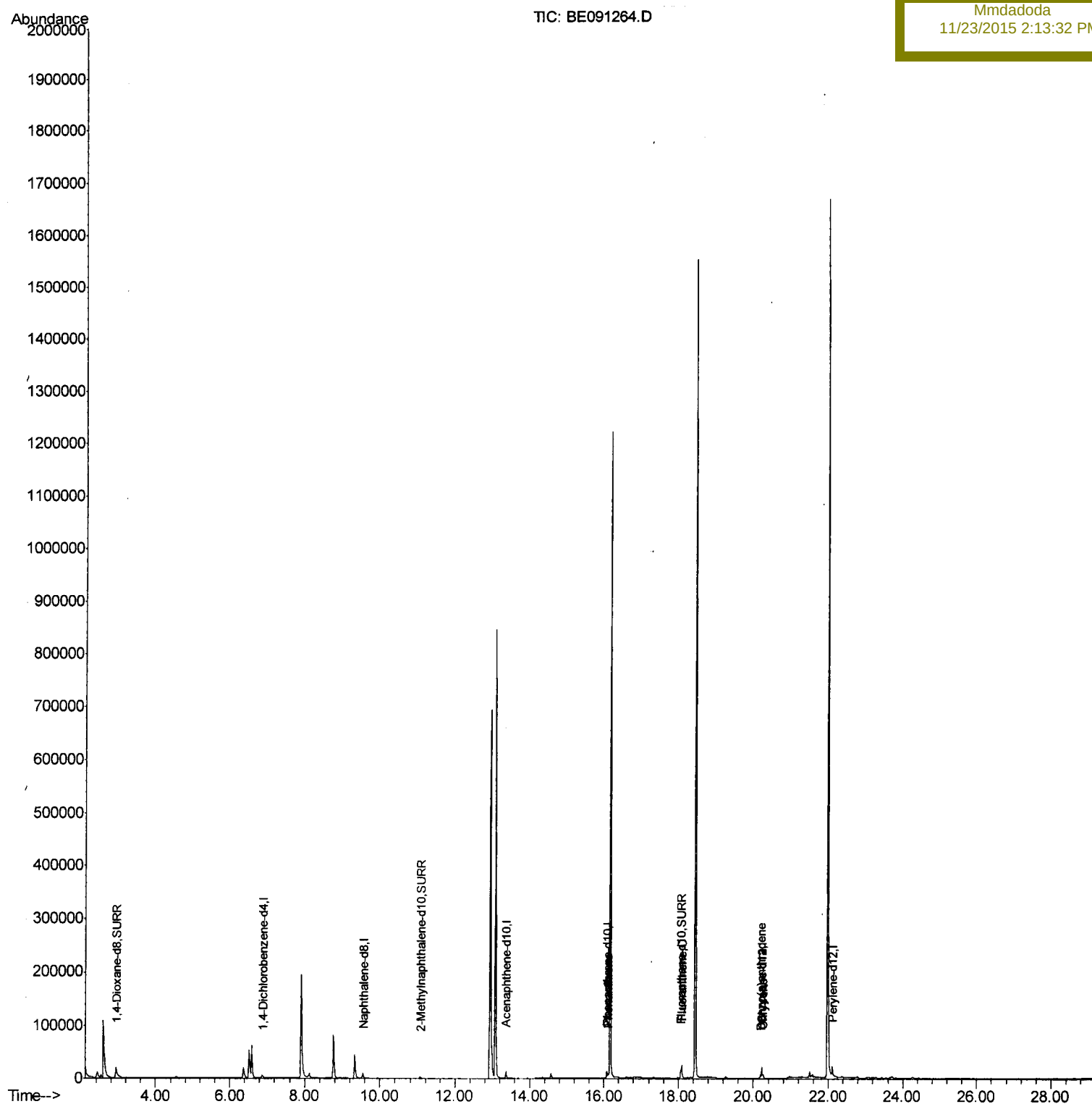
Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
Data File : BE091264.D
Acq On : 21 Nov 2015 3:49
Operator : UM/NP
Sample : G4310-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 21 06:07:08 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 : Sat Nov 21 04:53:50 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KL3

Manual Integrations
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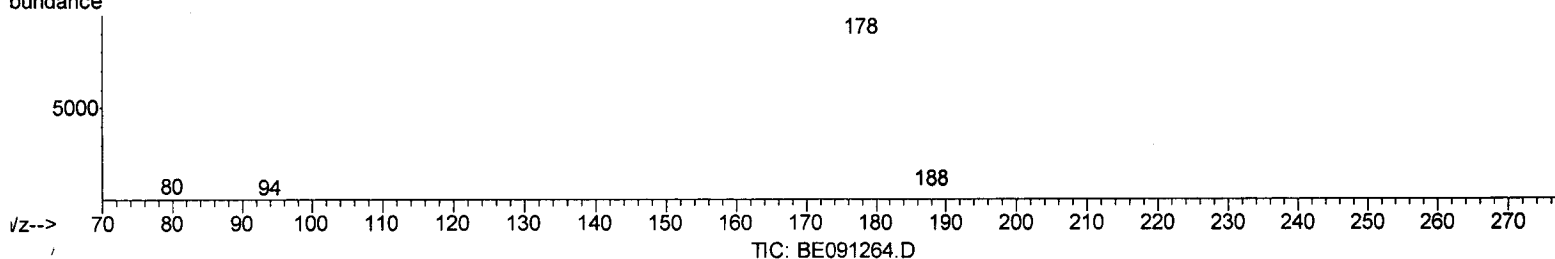
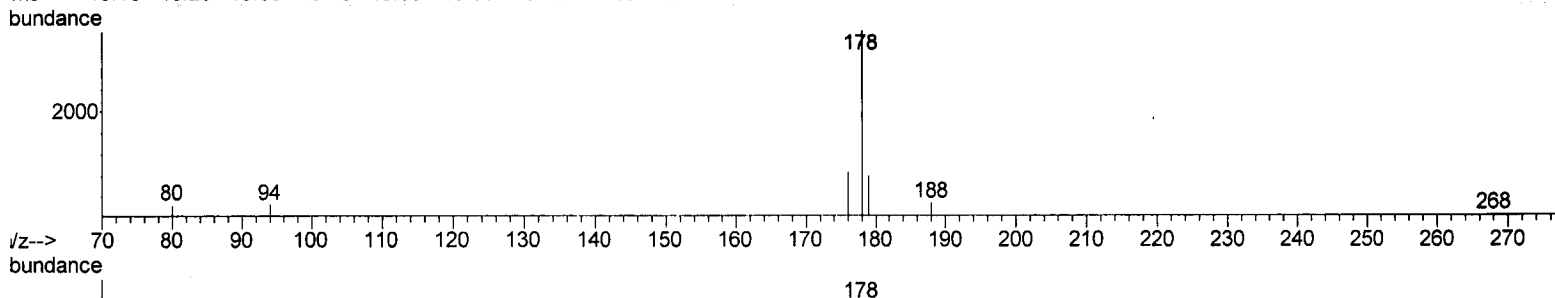
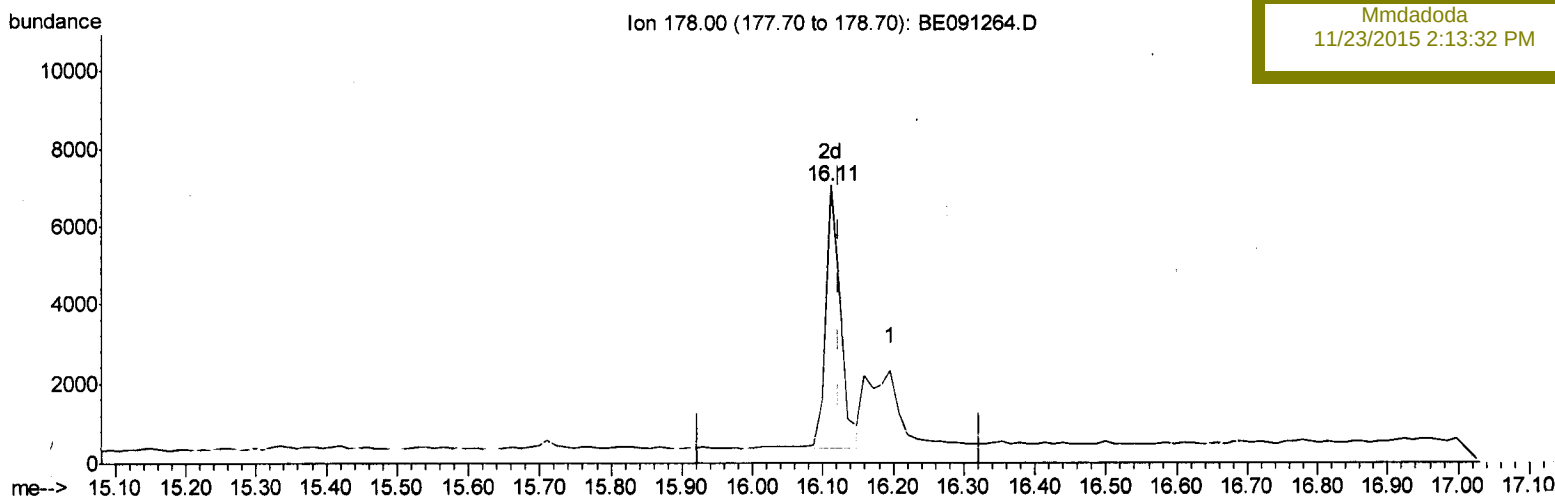
Data Path.: Z:\HPCHEM1\BNA_E\Data\BE112115\
 Data File : BE091264.D
 Acq On : 21 Nov 2015 3:49
 Operator : UM/NP
 Sample : G4310-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 21 06:03:55 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 : Sat Nov 21 04:53:50 2015
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Instrument :
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 ClientSampleId :
 D9KL3

Manual Integrations
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(14) Phenanthrene

16.111min (-0.012) 0.05ng/ul m

response 9785

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	24.37#
179.00	16.00	22.41#
0.00	0.00	0.00

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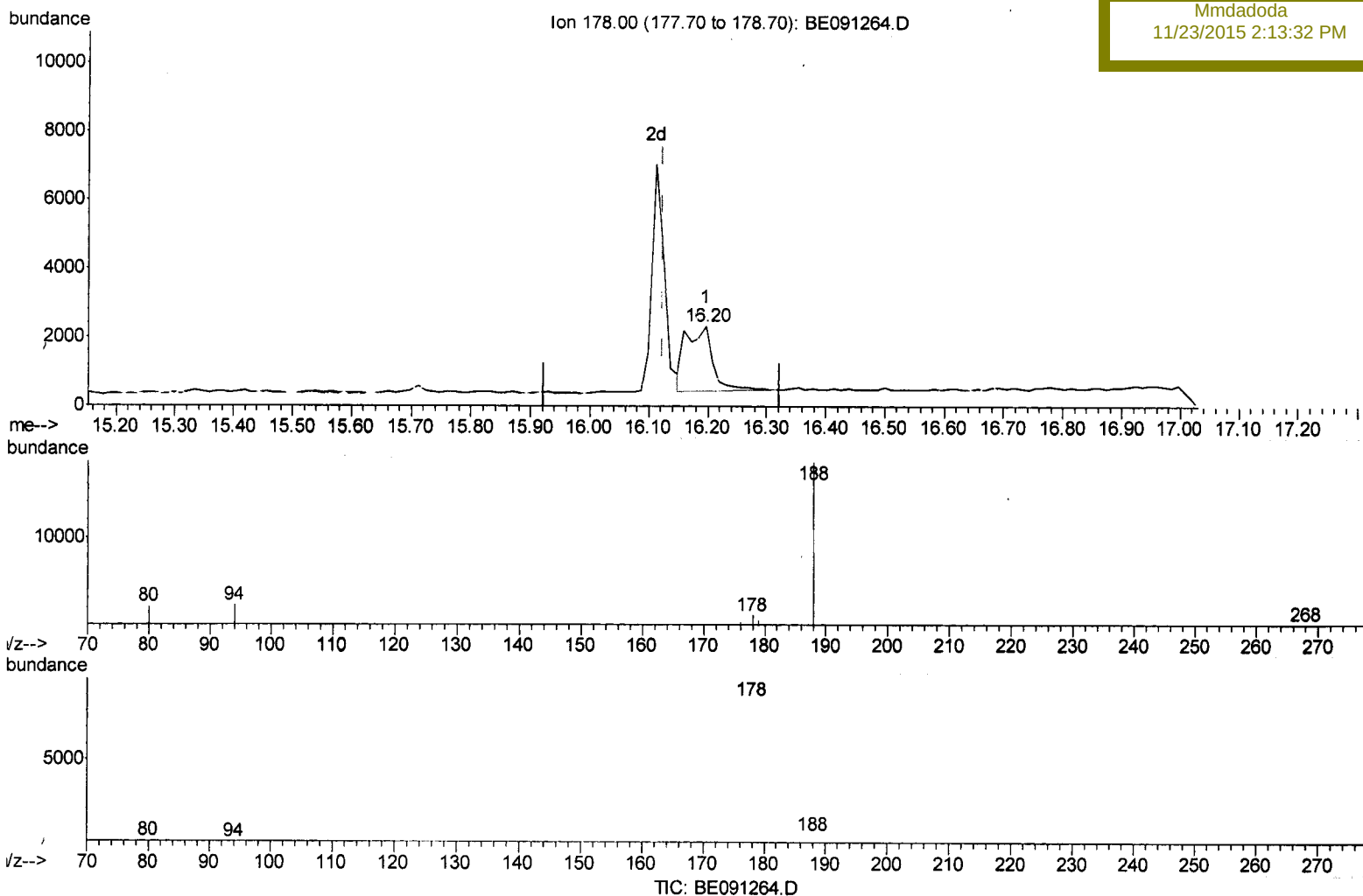
Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
Data File : BE091264.D
Acq On : 21 Nov 2015 3:49
Operator : UM/NP
Sample : G4310-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 21 06:03:55 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 : Sat Nov 21 04:53:50 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
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(14) Phenanthrene

16.196min (+0.073) 0.03ng/ul

response 6000

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	30.82#
179.00	16.00	48.23#
0.00	0.00	0.00

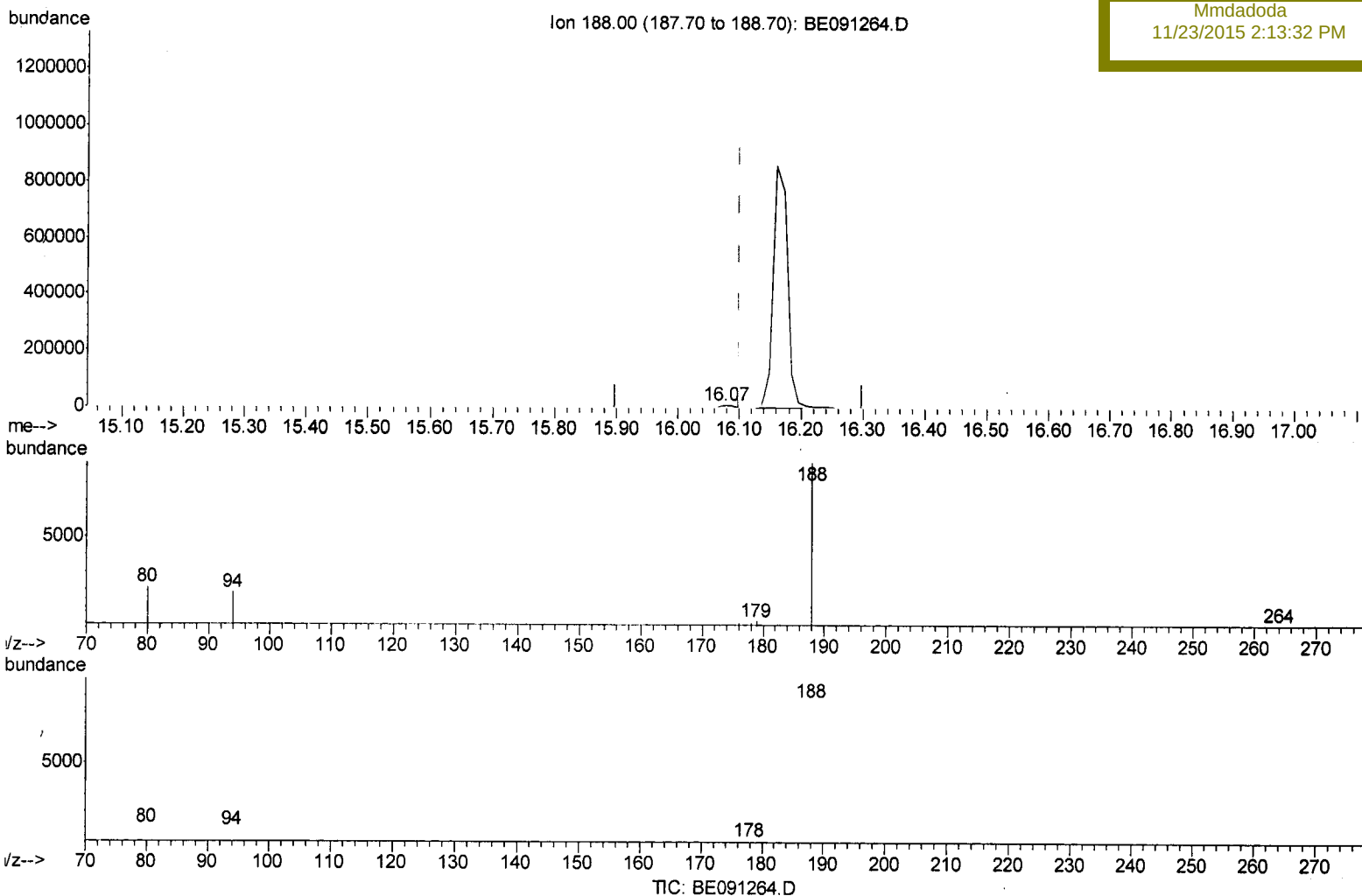
Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
 Data File : BE091264.D
 Acq On : 21 Nov 2015 3:49
 Operator : UM/NP
 Sample : G4310-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 21 06:02:57 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 : Sat Nov 21 04:53:50 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 D9KL3

Manual Integrations
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(12) Phenanthrene-d10 (I)

16.075min (-0.024) 0.40ng/ul m

response 15491

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	20.11#
80.00	8.90	23.33#
0.00	0.00	0.00

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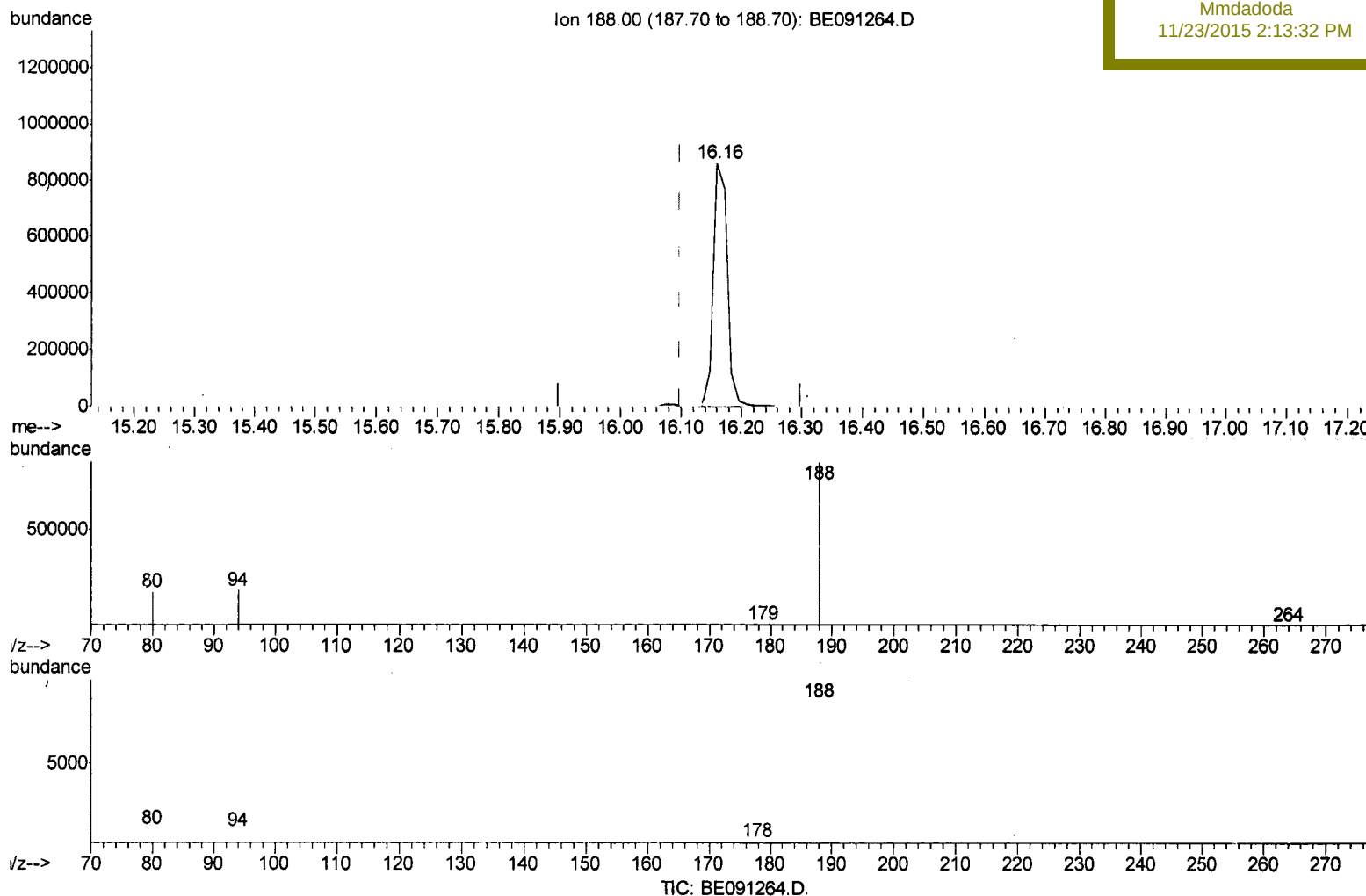
Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
Data File : BE091264.D
Acq On : 21 Nov 2015 3:49
Operator : UM/NP
Sample : G4310-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 21 06:02:57 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 : Sat Nov 21 04:53:50 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KL3

Manual Integrations
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(12) Phenanthrene-d10 (I)

16.160min (+0.060) 0.40ng/ul

response 1389565

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	21.18#
80.00	8.90	20.14#
0.00	0.00	0.00

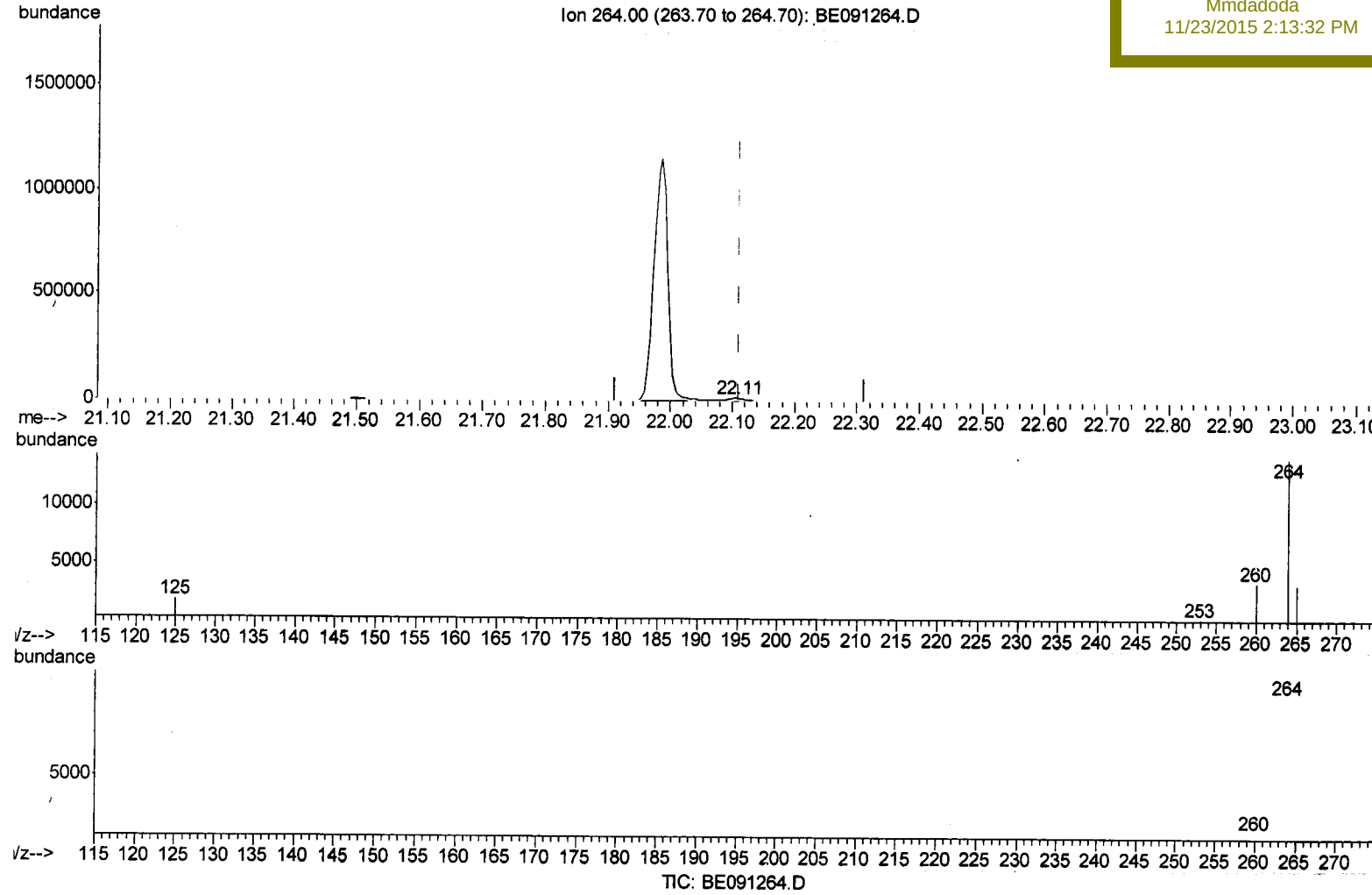
Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
Data File : BE091264.D
Acq On : 21 Nov 2015 3:49
Operator : UM/NP
Sample : G4310-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 21 06:02:57 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 : Sat Nov 21 04:53:50 2015
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Instrument :
BNA_E
ClientSampleId :
D9KL3

Manual Integrations
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(22) Perylene-d12 (I)

22.108min (-0.004) 0.40ng/ul m

response 17676

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.67
265.00	34.70	23.44#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
 Data File : BE091264.D
 Acq On : 21 Nov 2015 3:49
 Operator : UM/NP
 Sample : G4310-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

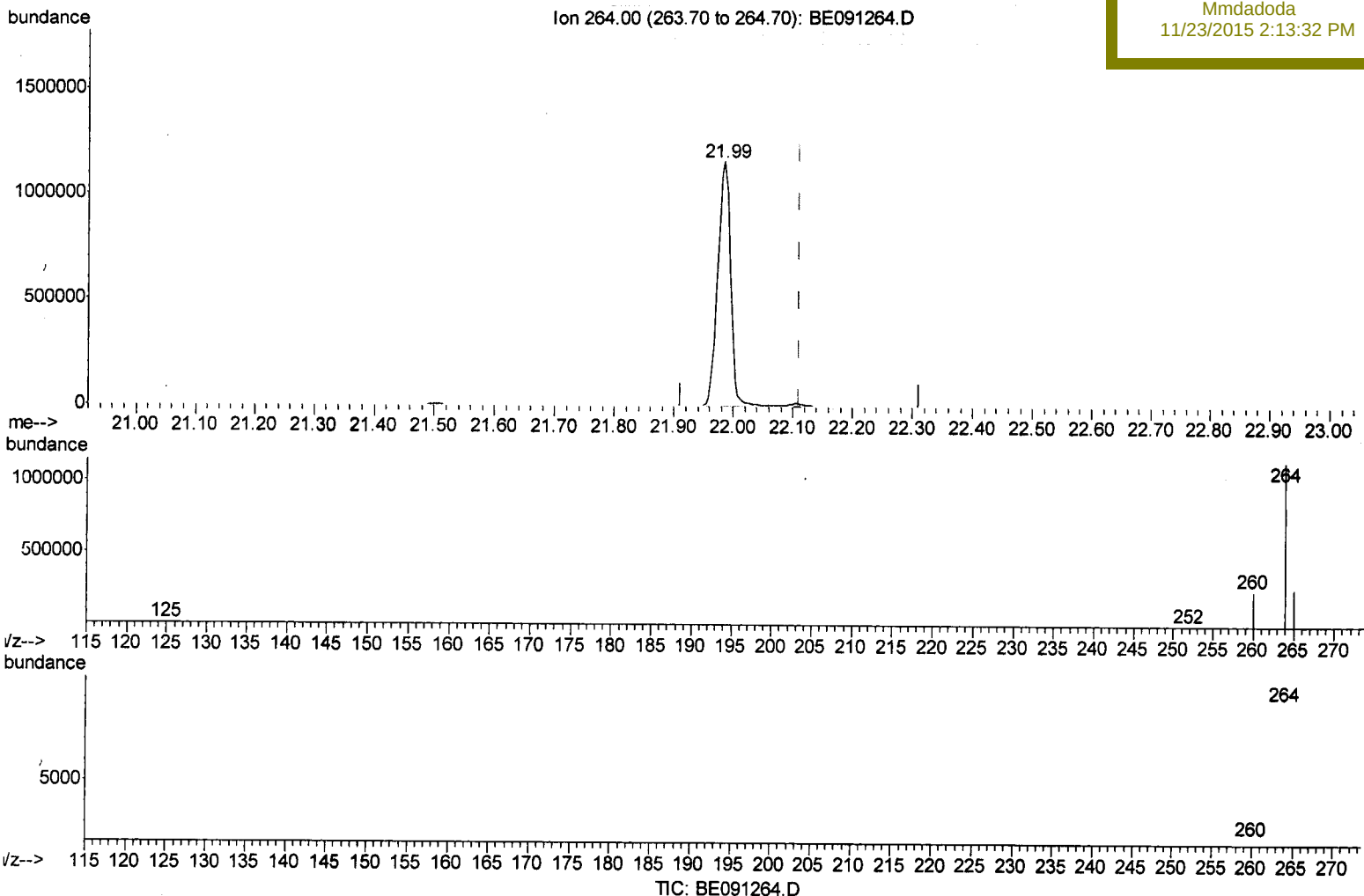
Instrument :
 BNA_E
 ClientSampleId :
 D9KL3

Manual Integrations
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Quant Time: Nov 21 06:02:57 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 : Sat Nov 21 04:53:50 2015
 Response via : Initial Calibration

Ion 264.00 (263.70 to 264.70): BE091264.D



(22) Perylene-d12 (I)

21.985min (-0.127) 0.40ng/ul

response 1751033

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	21.61#
265.00	34.70	22.62#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
Data File : BE091264.D
Acq On : 21 Nov 2015 3:49
Operator : UM/NP
Sample : G4310-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 21 06:07:08 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 : Sat Nov 21 04:53:50 2015
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Instrument :
BNA_E
ClientSampleId :
D9KL3

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2566	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	12052	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	6227	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.07	188	15491m	0.40	ng/ul	-0.02
18) Chrysene-d12	20.23	240	19461	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	17676m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.93	96	24549	13.30	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.07	152	5926	0.36	ng/ul	0.00
16) Fluoranthene-d10	18.07	212	19300	0.44	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	16.11	178	9785m	0.05	ng/ul	
17) Fluoranthene	18.09	202	24942	0.12	ng/ul	85
20) Benzo(a)anthracene	20.20	228	5912	0.12	ng/ul#	93
21) Chrysene	20.26	228	8002	0.14	ng/ul#	95

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

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