

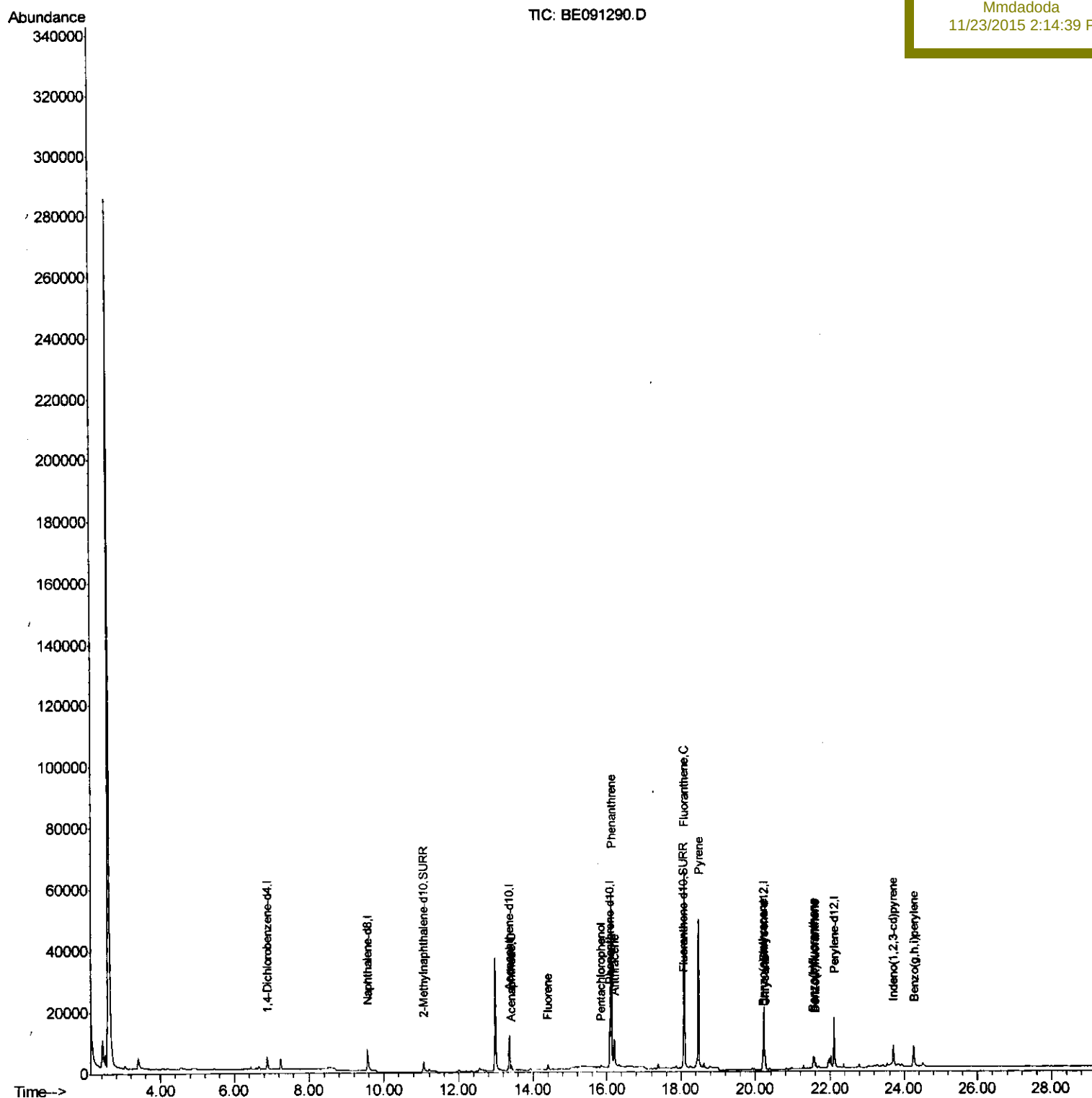
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091290.D
Acq On : 21 Nov 2015 23:31
Operator : UM/NP
Sample : G4345-27MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 23 10:37:45 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J69MSD

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 2:14:39 PM



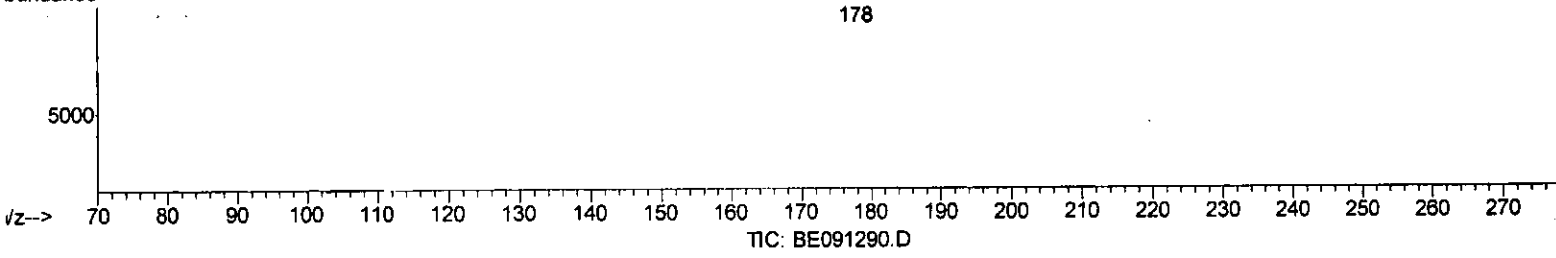
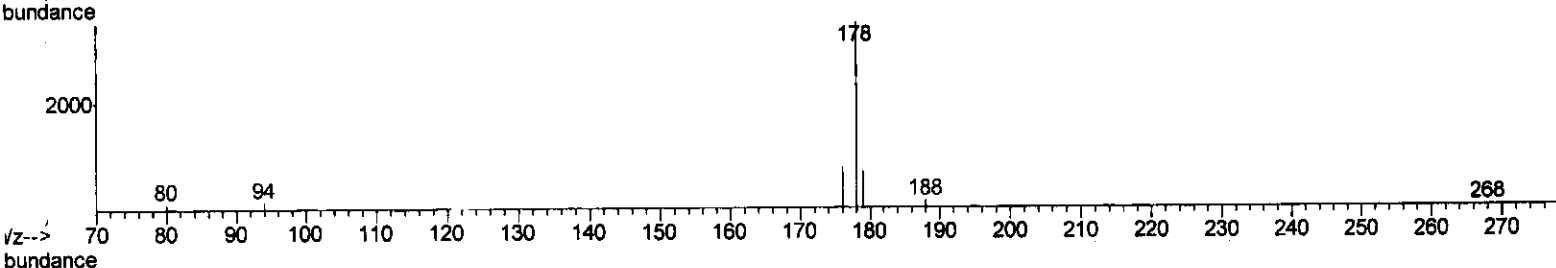
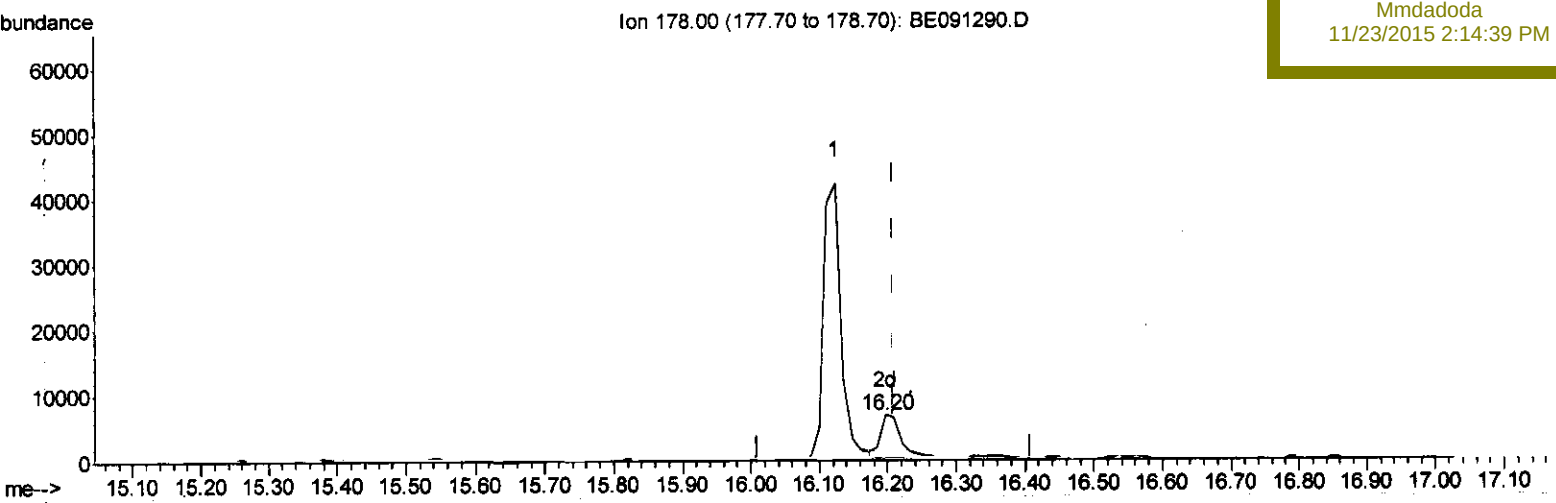
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Data File : BE091290.D
Acq On : 21 Nov 2015 23:31
Operator : UM/NP
Sample : C4345-27MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 22 02:04:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(15) Anthracene
16.197min (-0.012) 0.08ng/ul m
response 14215
U.m
11/25/2015

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	22.99
179.00	16.60	21.25#
0.00	0.00	0.00

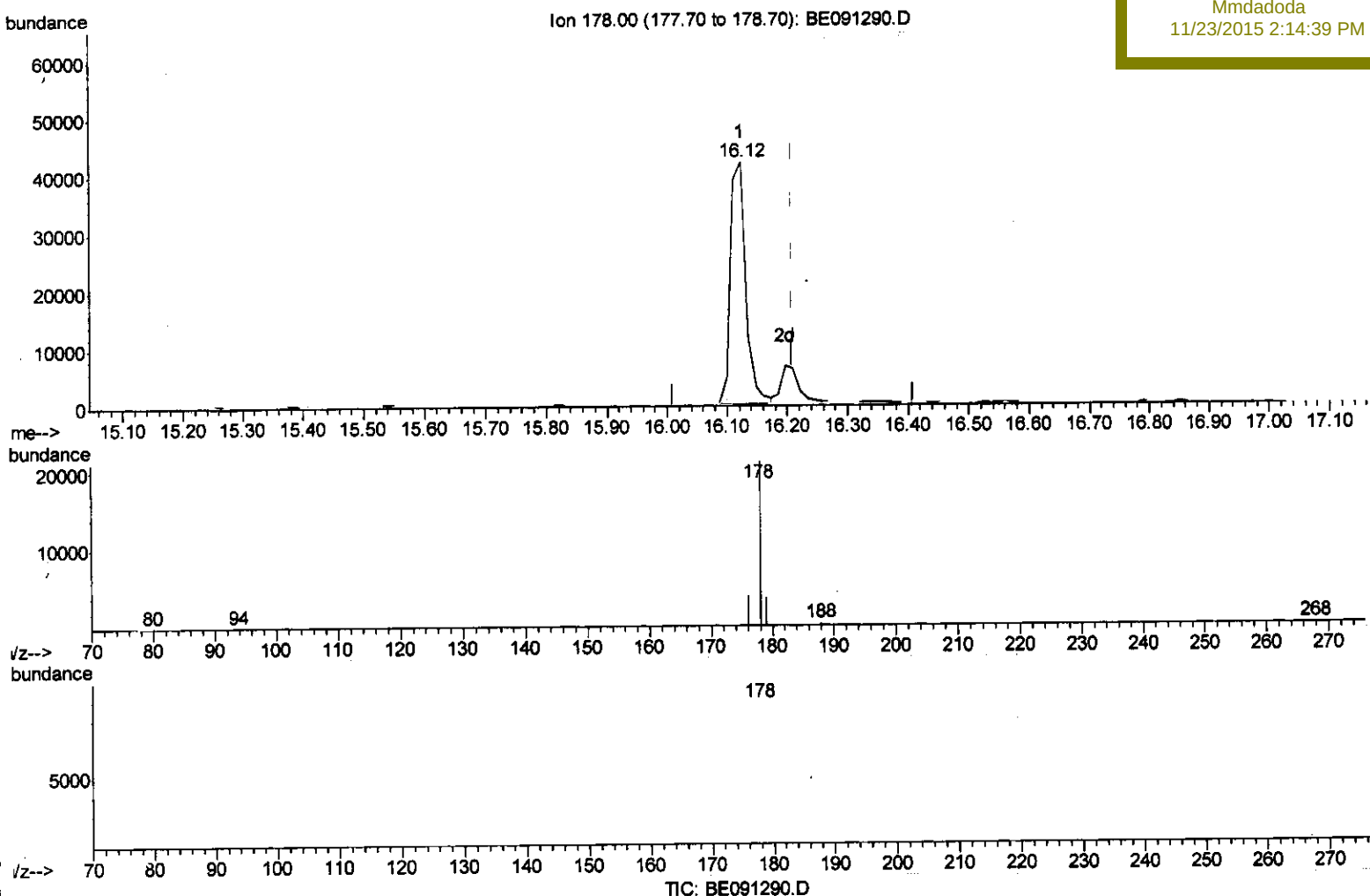
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
 Data File : BE091290.D
 Acq On : 21 Nov 2015 23:31
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 Sample : G4345-27MSD
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Manual Integrations
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 11/23/2015 2:14:39 PM

Quant Time: Nov 22 02:04:32 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 : Sun Nov 22 01:59:17 2015
 Response via : Initial Calibration



(15) Anthracene

16.125min (-0.085) 0.42ng/ul

response 74717

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	18.68
179.00	16.60	17.21
0.00	0.00	0.00

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 Misc :
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Quant Time: Nov 23 10:37:45 2015
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Instrument :
 BNA_E
 ClientSampleId :
 A4J69MSD

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	2568	0.40	ng/ul	0.00
4) Naphthalene-d8	9.56	136	12515	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	6873	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	16880	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	19314	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	17602	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	11.06	152	6074	0.36	ng/ul	0.00
16) Fluoranthene-d10	18.07	212	17294	0.36	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) Acenaphthene	13.42	153	924	0.04	ng/ul#	87
11) Fluorene	14.41	166	1460	0.05	ng/ul#	90
13) Pentachlorophenol	15.85	266	833	0.52	ng/ul	97
14) Phenanthrene	16.12	178	75073	0.39	ng/ul	97
15) Anthracene	16.20	178	14215m	0.08	ng/ul	
17) Fluoranthene	18.10	202	72554	0.32	ng/ul	88
19) Pyrene	18.48	202	55504	0.25	ng/ul#	77
20) Benzo(a)anthracene	20.20	228	5572	0.11	ng/ul	97
21) Chrysene	20.26	228	6120	0.11	ng/ul	96
23) Benzo(b)fluoranthene	21.55	252	3852	0.07	ng/ul	91
24) Benzo(k)fluoranthene	21.58	252	4174	0.07	ng/ul#	90
26) Indeno(1,2,3-cd)pyrene	23.70	276	10092	0.05	ng/ul	95
28) Benzo(a,h,i)perylene	24.26	276	11766	0.05	ng/ul#	90

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