

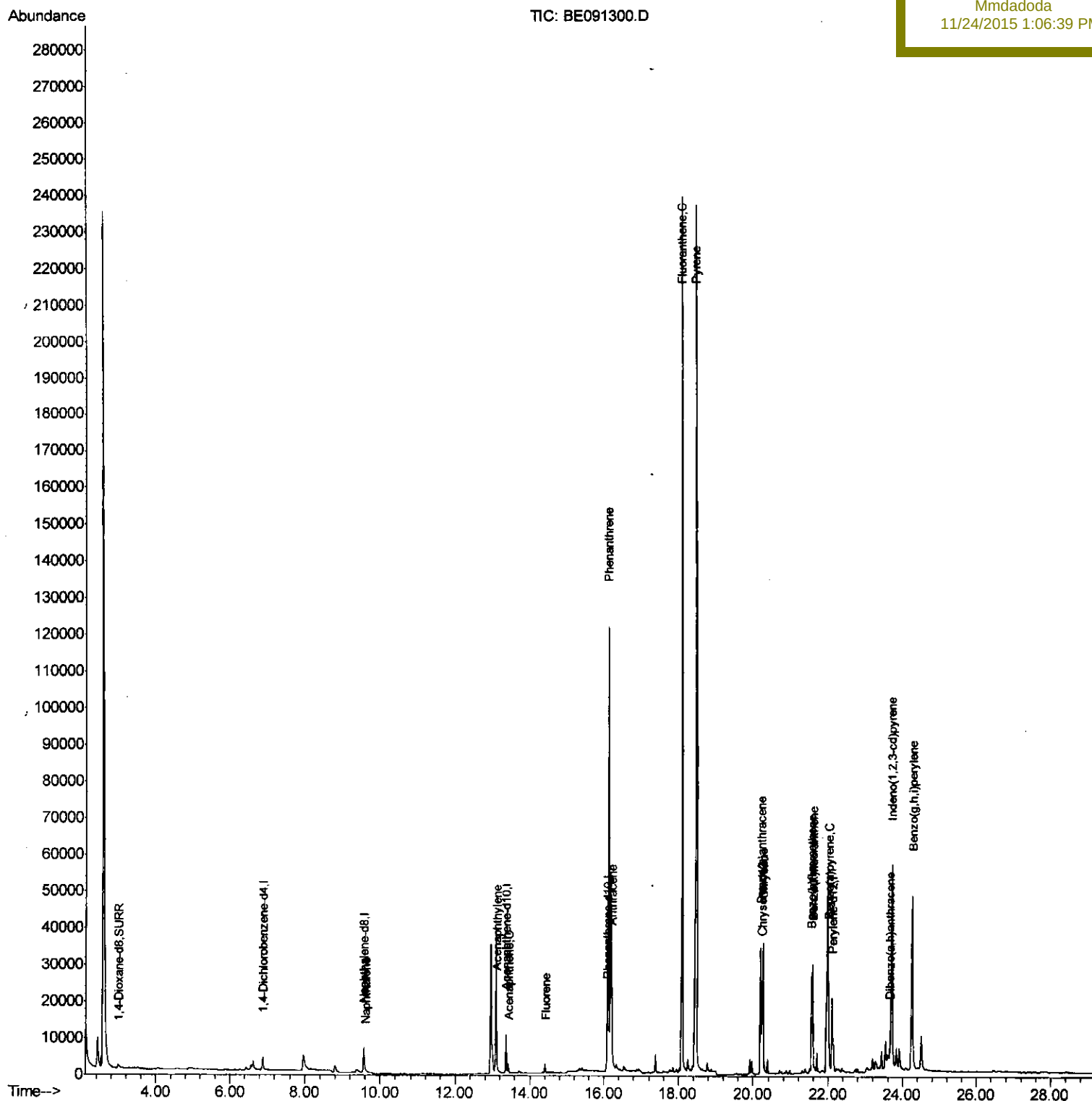
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
Data File : BE091300.D
Acq On : 23 Nov 2015 15:20
Operator : UM/NP
Sample : G4345-06DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 24 02:29:47 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 : Tue Nov 24 00:31:29 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J48DL

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:06:39 PM



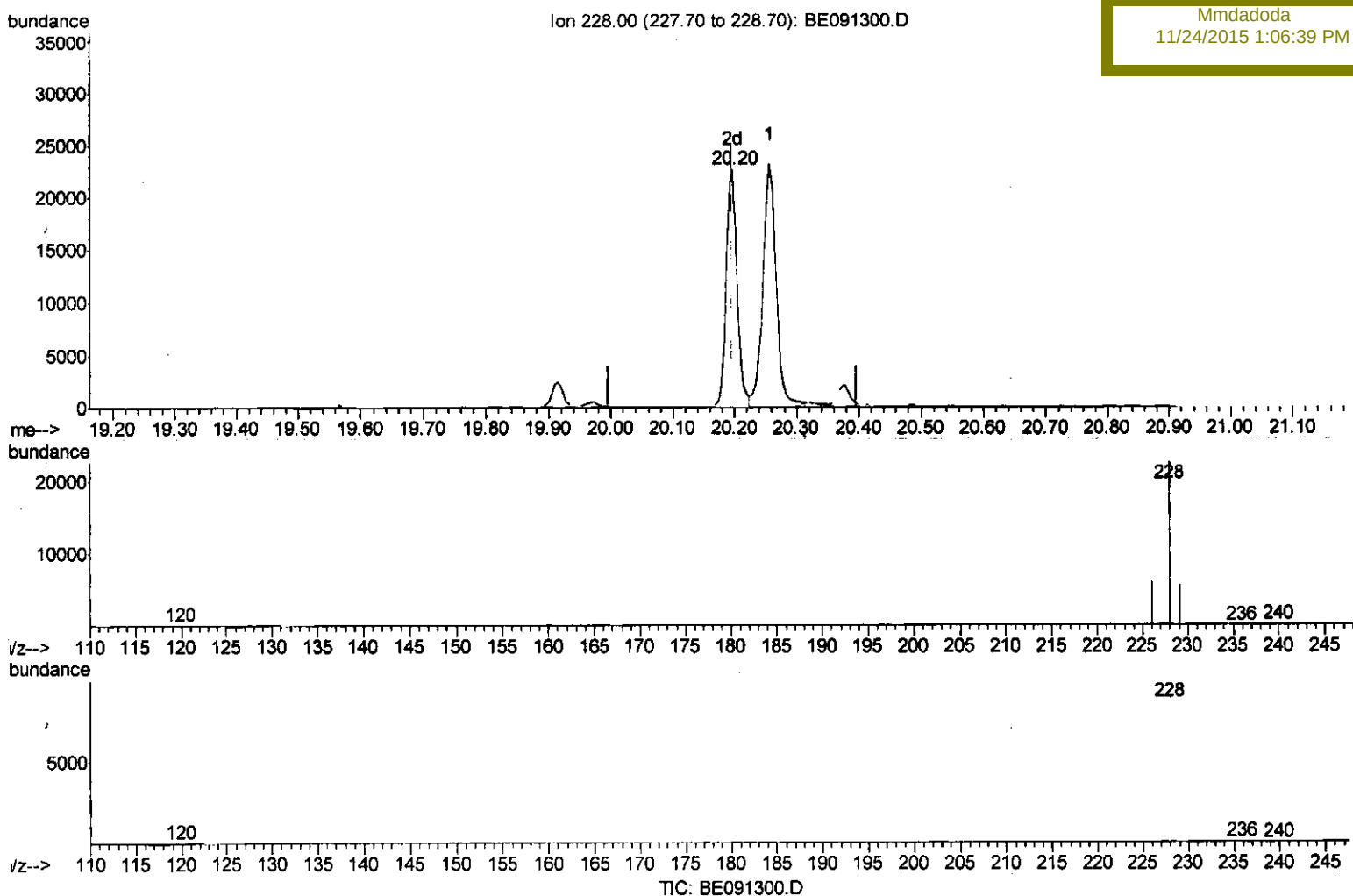
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Manual Integrations
 APPROVED

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 11/24/2015 1:06:39 PM



(20) Benzo(a)anthracene

20.197min (+0.000) 0.52ng/ul m

response 28019

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	26.86
229.00	19.00	24.80#
0.00	0.00	0.00

U.M
 11/25/15

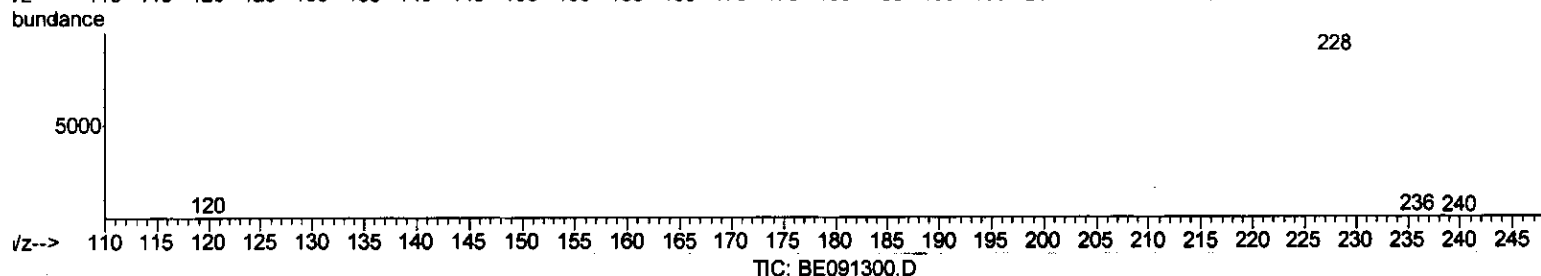
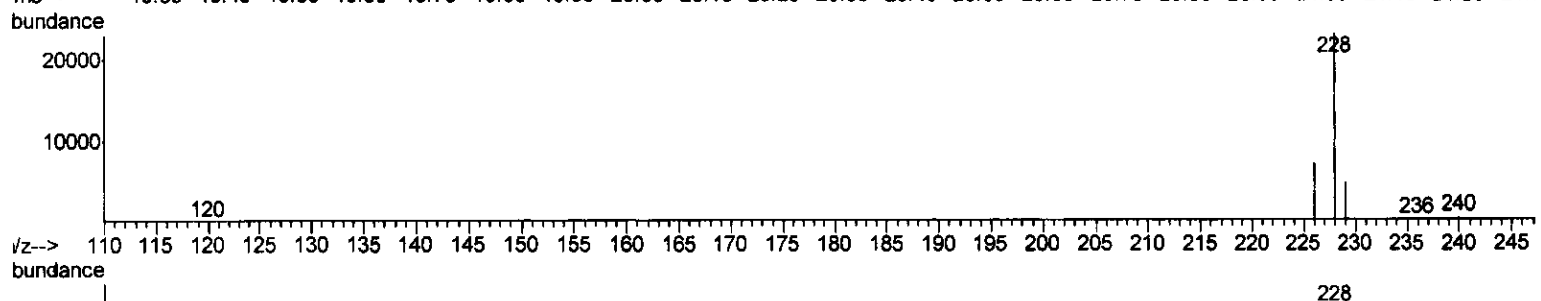
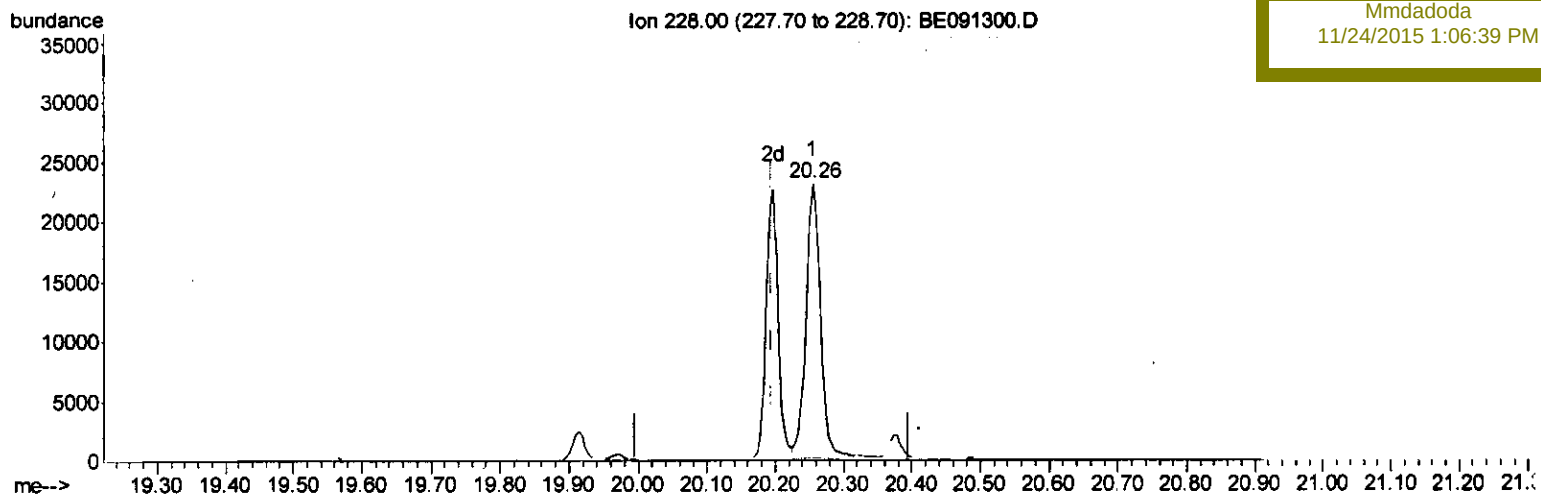
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Instrument :
 BNA_E
 ClientSampled :
 A4J48DL

Manual Integration
 APPROVED

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 11/24/2015 1:06:39 PM



(20) Benzo(a)anthracene

20.256min (+0.059) 0.63ng/ui

response 34119

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	30.67
229.00	19.00	20.86
0.00	0.00	0.00

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Instrument :
 BNA_E
 ClientSampled :
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Manual Integration
 APPROVED

Mmdadoda
 11/24/2015 1:06:39 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	2154	0.40	ng/ul	-0.01
4) Naphthalene-d8	9.57	136	10688	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	5679	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	16030	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	21061	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	20270	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.99	96	1305	0.84	ng/uL	0.04
6) 2-Methylnaphthalene-d10	11.08	152	261	0.02	ng/ul	0.02
16) Fluoranthene-d10	18.07	212	725	0.02	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	9.61	128	917	0.03	ng/ul#	72
9) Acenaphthylene	13.11	152	1645	0.06	ng/ul#	89
10) Acenaphthene	13.42	153	1437	0.07	ng/ul#	85
11) Fluorene	14.41	166	1793	0.07	ng/ul#	86
14) Phenanthrene	16.11	178	142917	0.77	ng/ul	99
15) Anthracene	16.20	178	29061	0.17	ng/ul	97
17) Fluoranthene	18.09	202	270298	1.25	ng/ul	88
19) Pyrene	18.47	202	255849	1.07	ng/ul#	80
20) Benzo(a)anthracene	20.20	228	28019m	0.52	ng/ul	97
21) Chrysene	20.26	228	34620	0.56	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	27396	0.43	ng/ul	94
24) Benzo(k)fluoranthene	21.58	252	26720	0.41	ng/ul	97
25) Benzo(a)pyrene	22.01	252	30456	0.52	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	23.70	276	73009	0.30	ng/ul#	90
27) Dibenzo(a,h)anthracene	23.65	278	5630	0.10	ng/ul#	71
28) Benzo(g,h,i)perylene	24.26	276	78130	0.30	ng/ul	95

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 11/25/15

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