

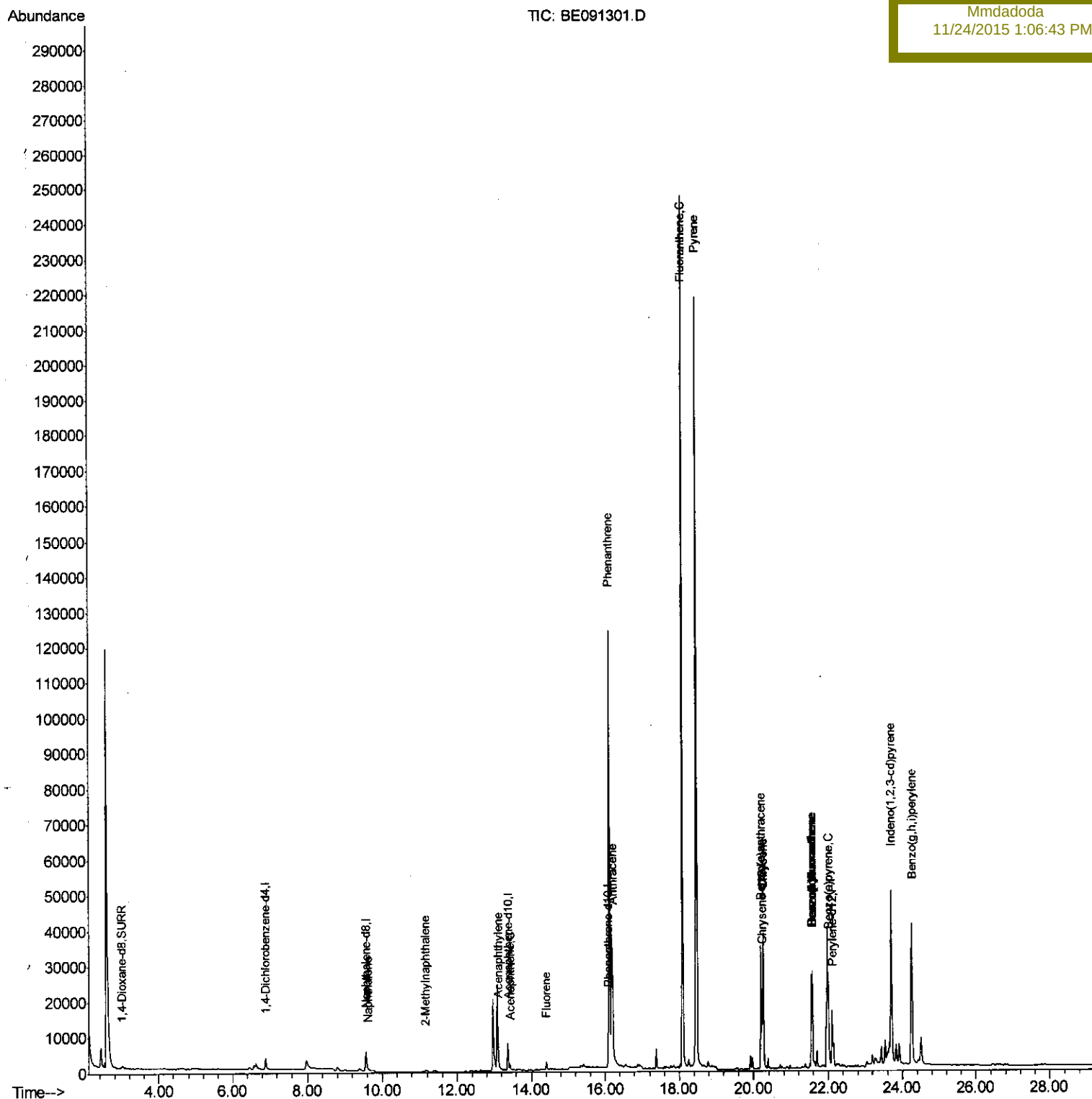
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
Data File : BE091301.D
Acq On : 23 Nov 2015 15:56
Operator : UM/NP
Sample : G4345-21DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 24 02:36:39 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
ClientSampled :
A4J66DL

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:06:43 PM



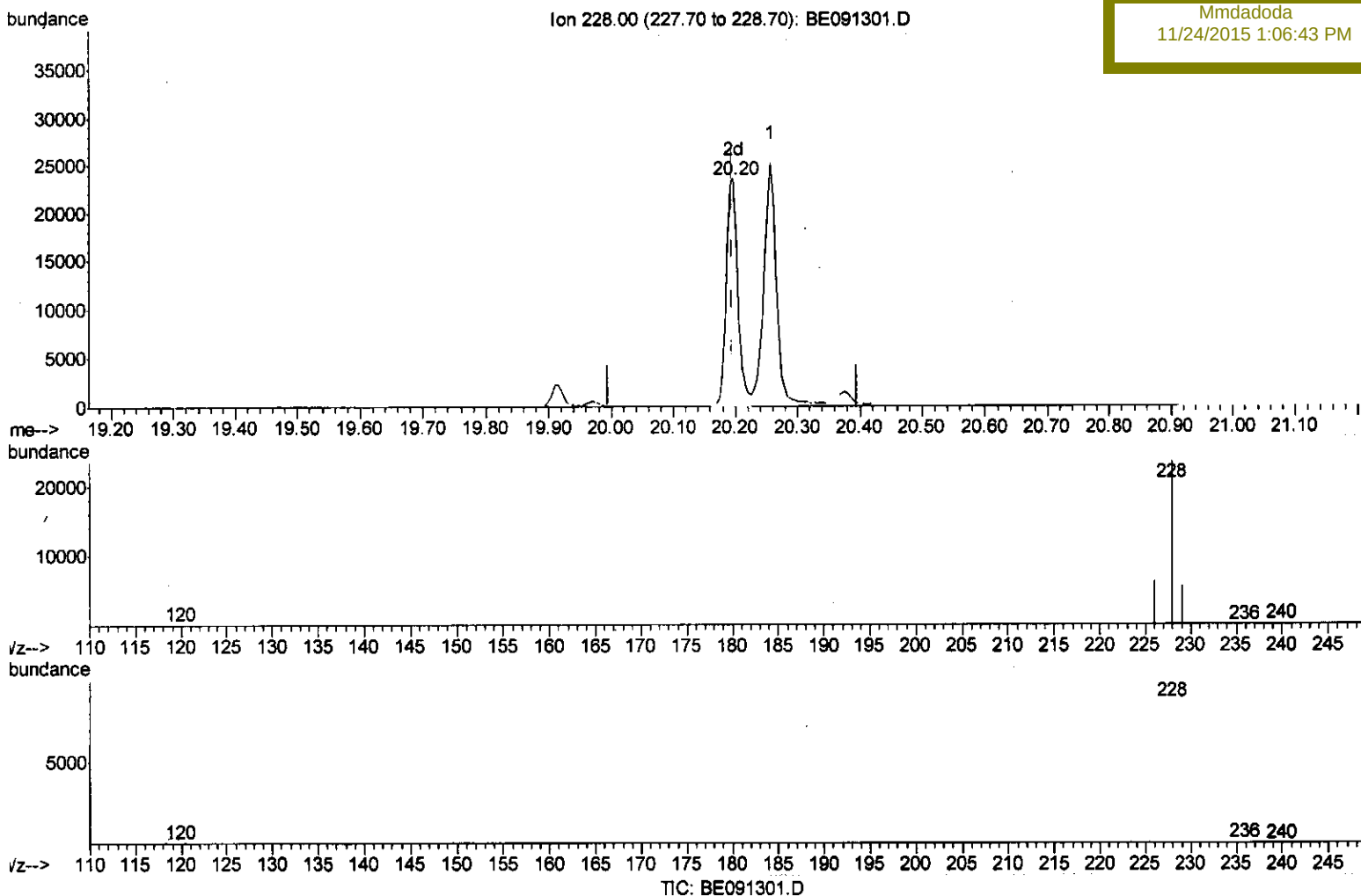
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Manual Integrations
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(20) Benzo(a)anthracene

20.198min (+0.001) 0.66ng/ul m

response 30449

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	26.59
229.00	19.00	23.50#
0.00	0.00	0.00

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 11/25/15

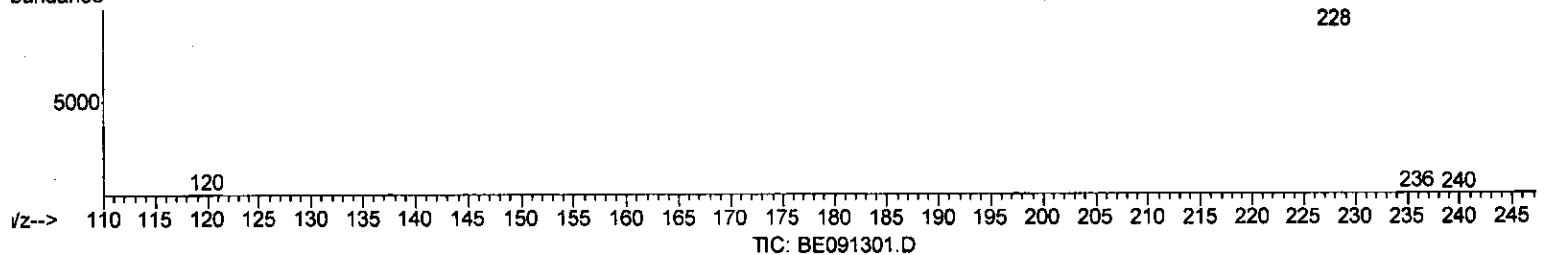
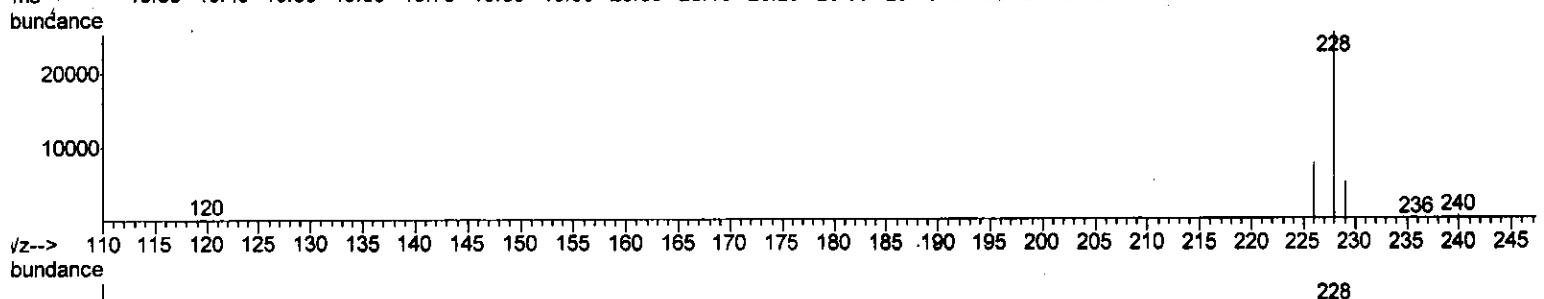
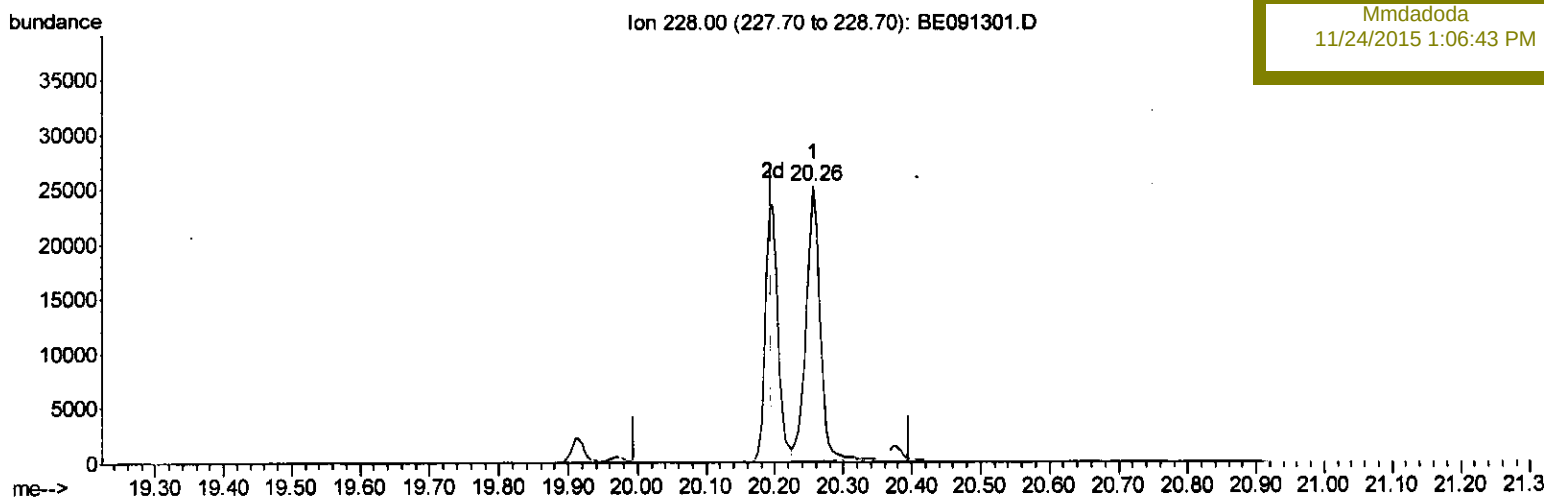
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(20) Benzo(a)anthracene

20.257min (+0.061) 0.75ng/ul

response 34798

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	30.61
229.00	19.00	20.31
0.00	0.00	0.00

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 ClientSampleId :
 A4J66DL

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	1943	0.40	ng/ul	-0.01
4) Naphthalene-d8	9.56	136	8992	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	4560	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	12910	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	18059	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	16500	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.00	96	970	0.69	ng/uL	0.05
6) 2-Methylnaphthalene-d10	11.07	152	186	0.02	ng/ul	0.01
16) Fluoranthene-d10	18.06	212	507	0.01	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	9.61	128	745	0.03	ng/ul#	68
7) 2-Methylnaphthalene	11.15	142	541	0.04	ng/ul	94
9) Acenaphthylene	13.11	152	929	0.04	ng/ul#	73
10) Acenaphthene	13.42	153	920	0.06	ng/ul#	81
11) Fluorene	14.41	166	1582	0.08	ng/ul#	97
14) Phenanthrene	16.11	178	161090	1.08	ng/ul	97
15) Anthracene	16.20	178	38434	0.28	ng/ul	96
17) Fluoranthene	18.10	202	272392	1.56	ng/ul	88
19) Pyrene	18.47	202	231912	1.13	ng/ul#	79
20) Benzo(a)anthracene	20.20	228	30449m	0.66	ng/ul	97
21) Chrysene	20.26	228	35337	0.66	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	28461	0.55	ng/ul	95
24) Benzo(k)fluoranthene	21.58	252	24506	0.46	ng/ul	95
25) Benzo(a)pyrene	22.01	252	27897	0.59	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	23.70	276	65677	0.33	ng/ul#	91
28) Benzo(g,h,i)perylene	24.26	276	65035	0.31	ng/ul	95

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 11/25/15

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