

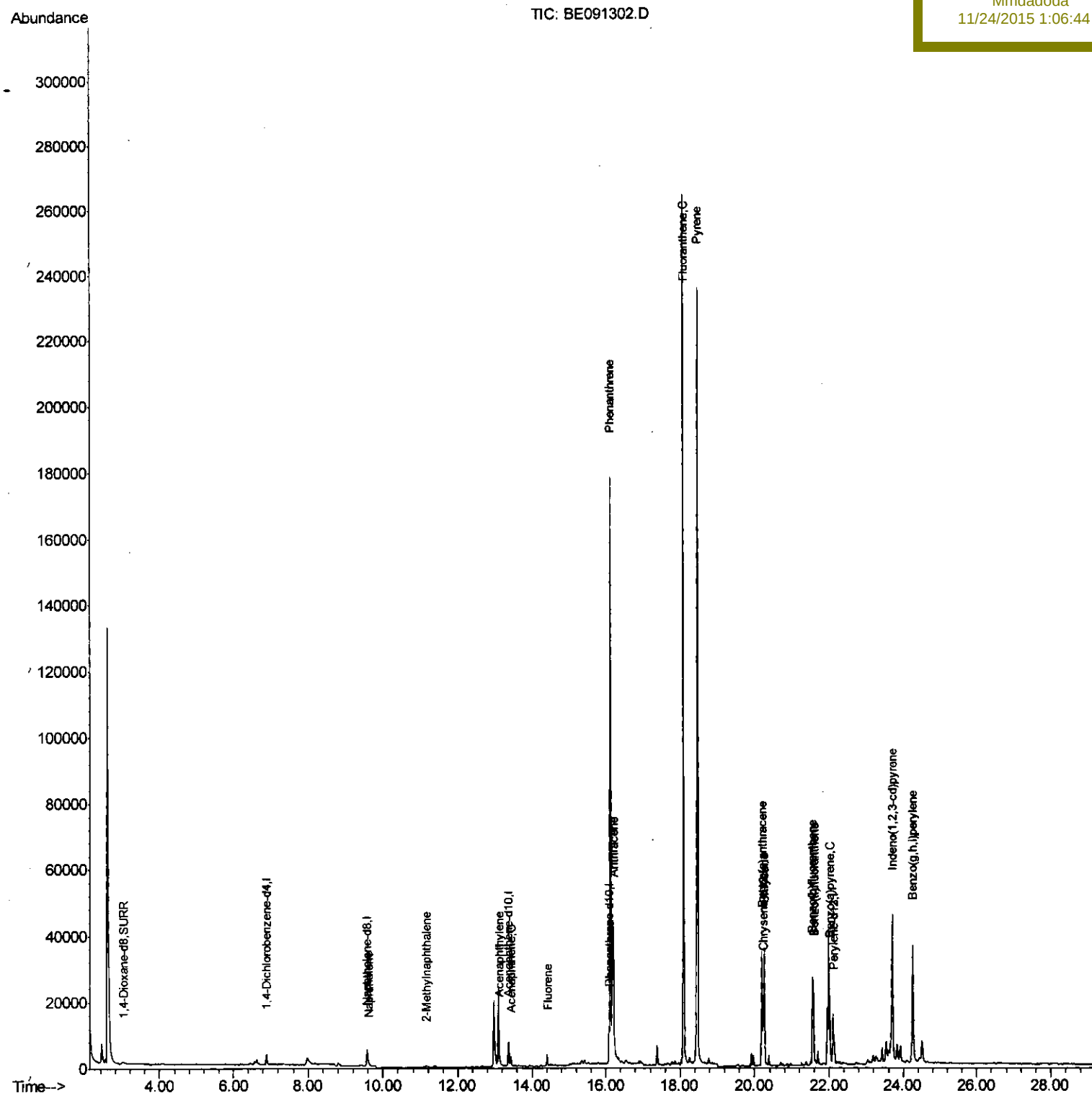
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
Data File : BE091302.D
Acq On : 23 Nov 2015 16:32
Operator : UM/NP
Sample : G4345-22DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 02:42:16 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 :
A4J67DL

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:06:44 PM



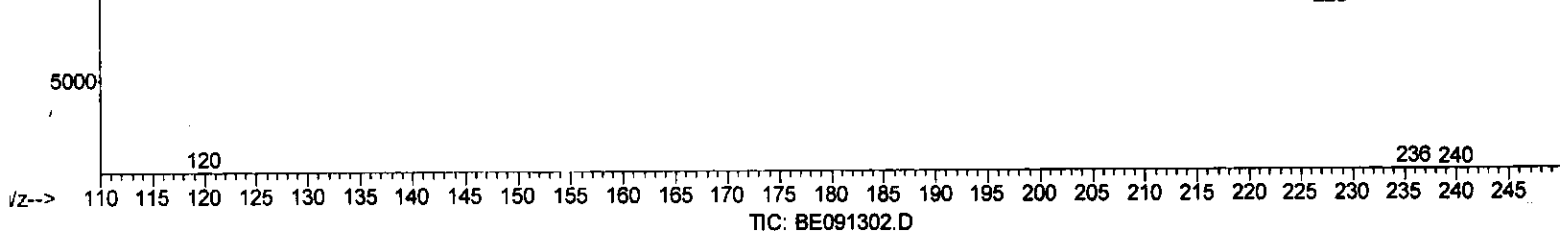
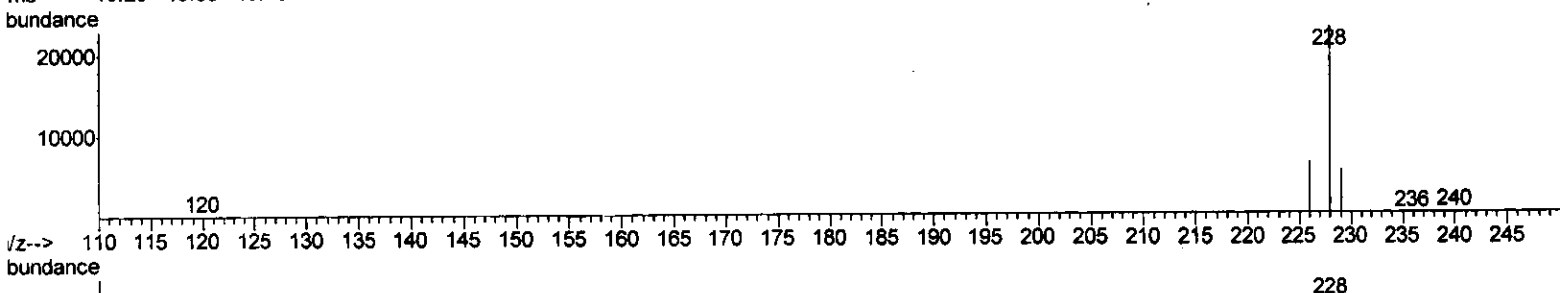
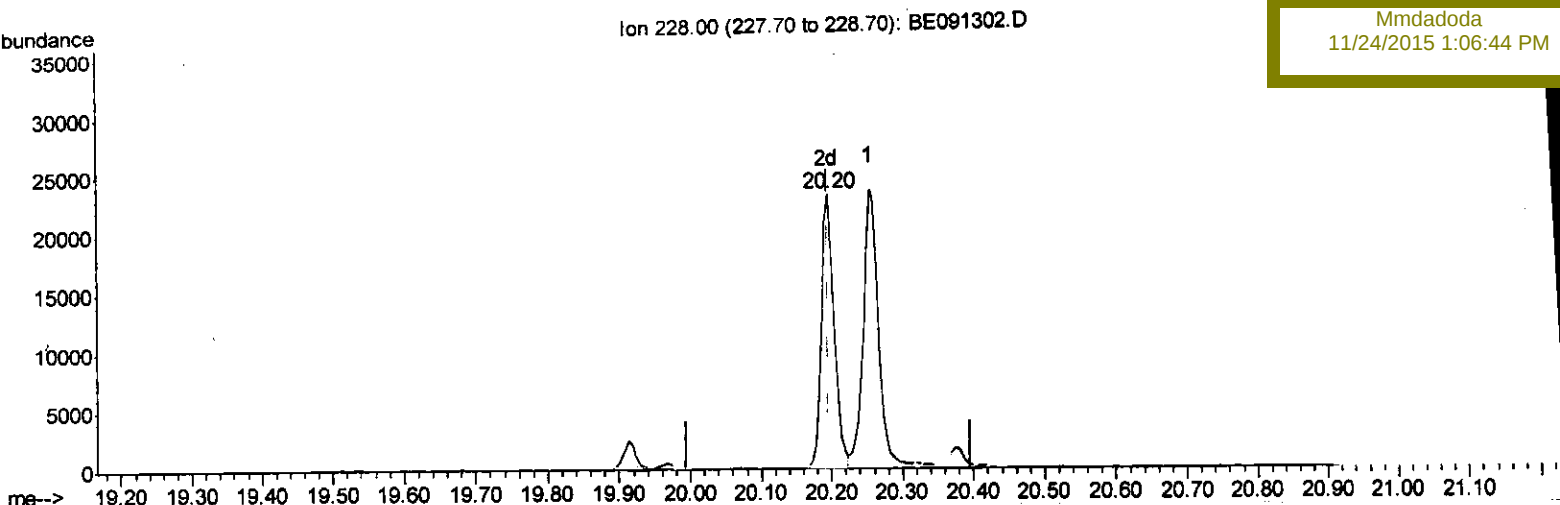
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(20) Benzo(a)anthracene

20.196min (-0.000) 0.64ng/ul m

response 28426

Ion Exp% Act%

228.00 100 100

226.00 28.70 27.80

229.00 19.00 23.35#

0.00 0.00 0.00

U.M
 11/25/15

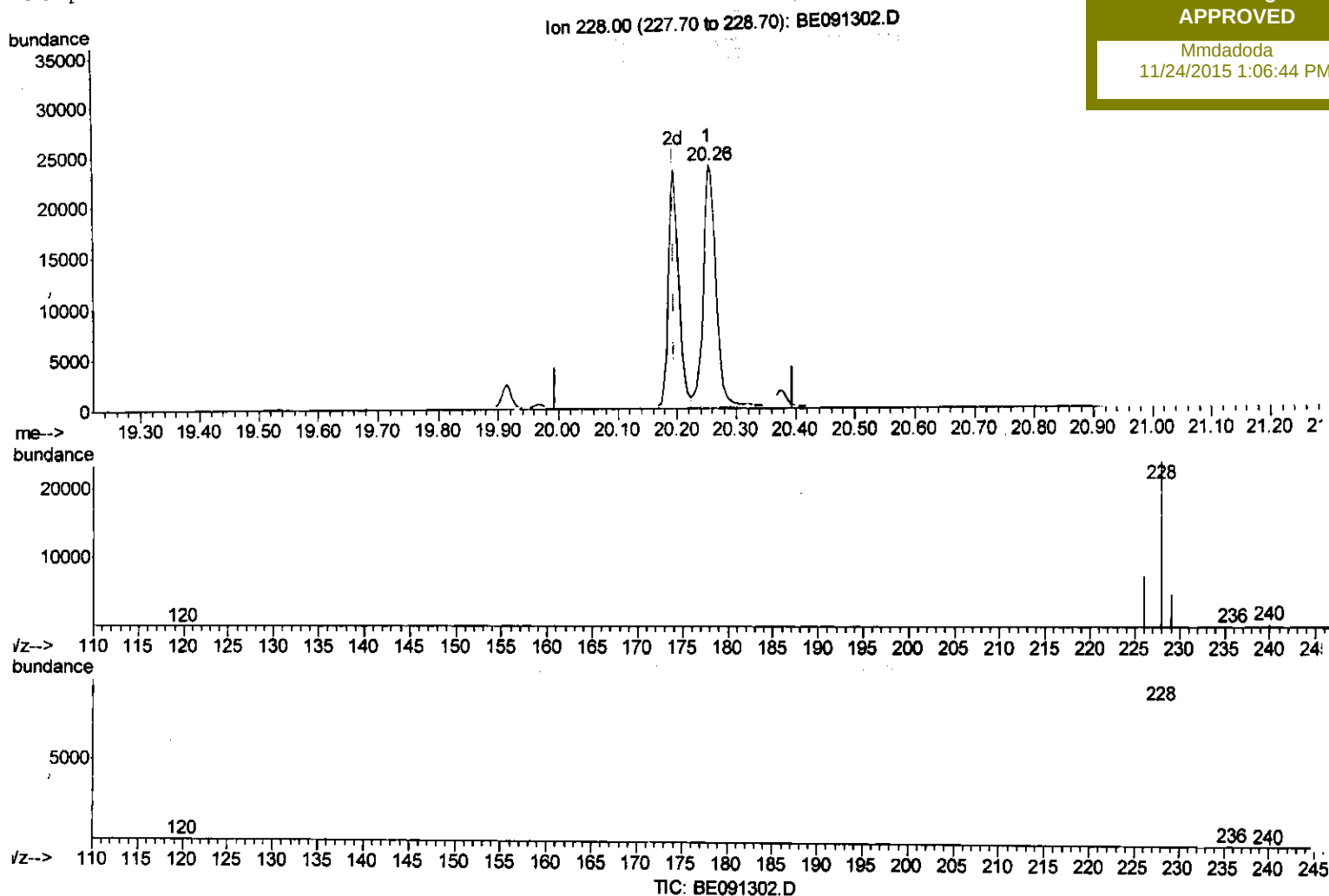
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Manual Integration
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(20) Benzo(a)anthracene

20.255min (+0.059) 0.77ng/ul

response 33973

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	31.32
229.00	19.00	20.76
0.00	0.00	0.00

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 BNA_E
 Client Sampled :
 A4J67DL

Manual Integration
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	1903	0.40	ng/ul	-0.01
4) Naphthalene-d8	9.56	136	9027	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	4576	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	12830	0.40	ng/ul	0.00
18) Chrysene-d12	20.22	240	17234	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	15501	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.01	96	1026	0.75	ng/uL	0.05
6) 2-Methylnaphthalene-d10	11.08	152	193	0.02	ng/ul	0.02
16) Fluoranthene-d10	18.07	212	516	0.01	ng/ul	0.00

Target Compounds				Qvalue		
5) Naphthalene	9.61	128	1409	0.06	ng/ul#	78
7) 2-Methylnaphthalene	11.15	142	770	0.05	ng/ul	94
9) Acenaphthylene	13.12	152	922	0.04	ng/ul#	84
10) Acenaphthene	13.42	153	1626	0.10	ng/ul#	86
11) Fluorene	14.41	166	2833	0.14	ng/ul#	93
14) Phenanthrene	16.11	178	229268	1.55	ng/ul	96
15) Anthracene	16.20	178	51771	0.38	ng/ul	97
17) Fluoranthene	18.09	202	296083	1.71	ng/ul	90
19) Pyrene	18.47	202	253295	1.29	ng/ul#	80
20) Benzo(a)anthracene	20.20	228	28426m →	0.64	ng/ul	
21) Chrysene	20.26	228	34406	0.67	ng/ul	98
23) Benzo(b)fluoranthene	21.55	252	25712	0.53	ng/ul	94
24) Benzo(k)fluoranthene	21.58	252	23959	0.48	ng/ul	96
25) Benzo(a)pyrene	22.01	252	26023	0.58	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	23.70	276	60903	0.32	ng/ul#	91
28) Benzo(g,h,i)perylene	24.25	276	59053	0.30	ng/ul	98

U.M
 11/25/15

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