

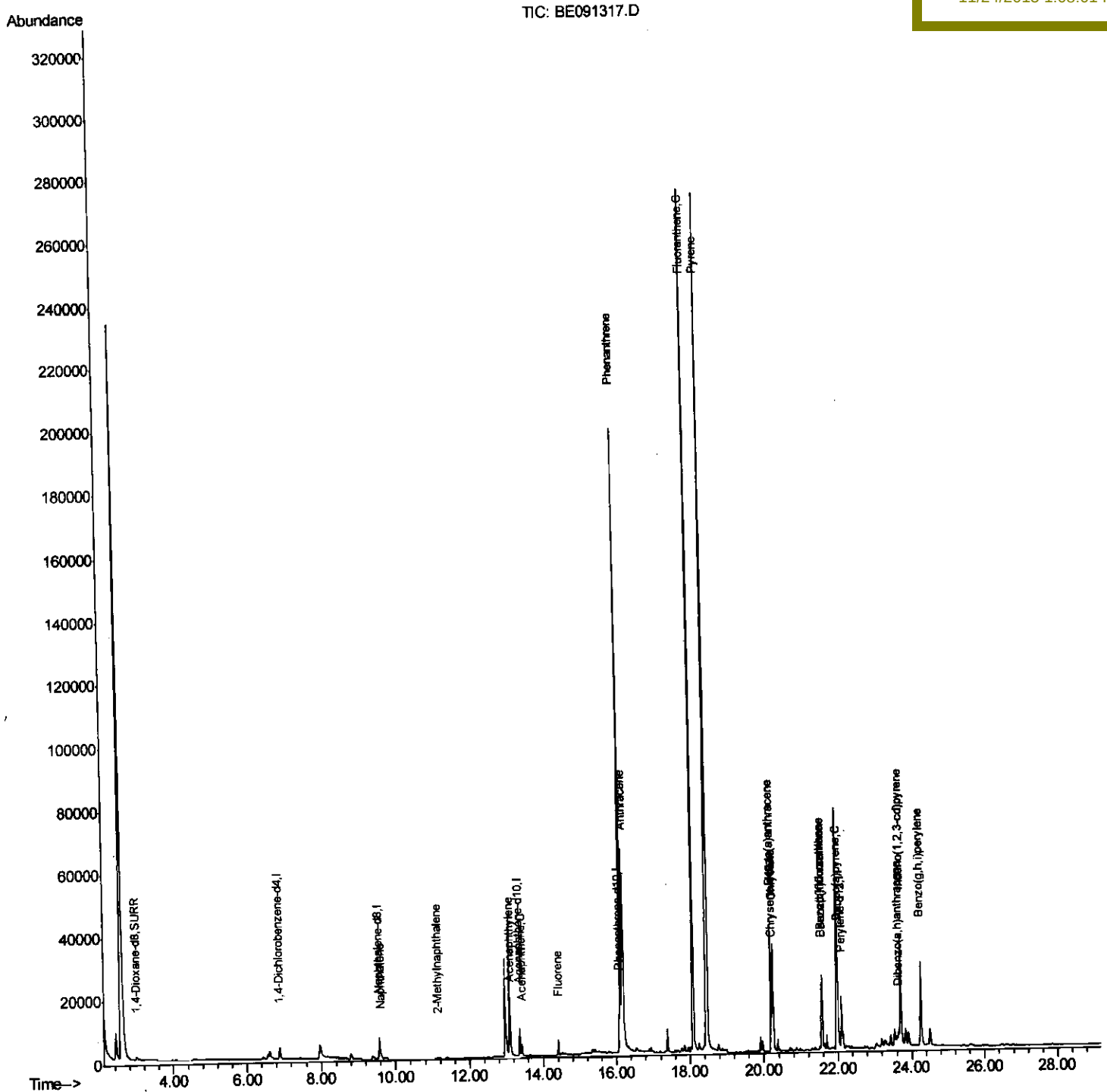
Data Path : Z:\HPCHEM1\BNA_E\Data\BE112415\
Data File : BE091317.D
Acq On : 24 Nov 2015 10:05
Operator : UM/NP
Sample : G4322-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS0DL

Quant Time: Nov 24 11:38:24 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 02:51:08 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:08:01 PM



Quantitation Report (Qedit)

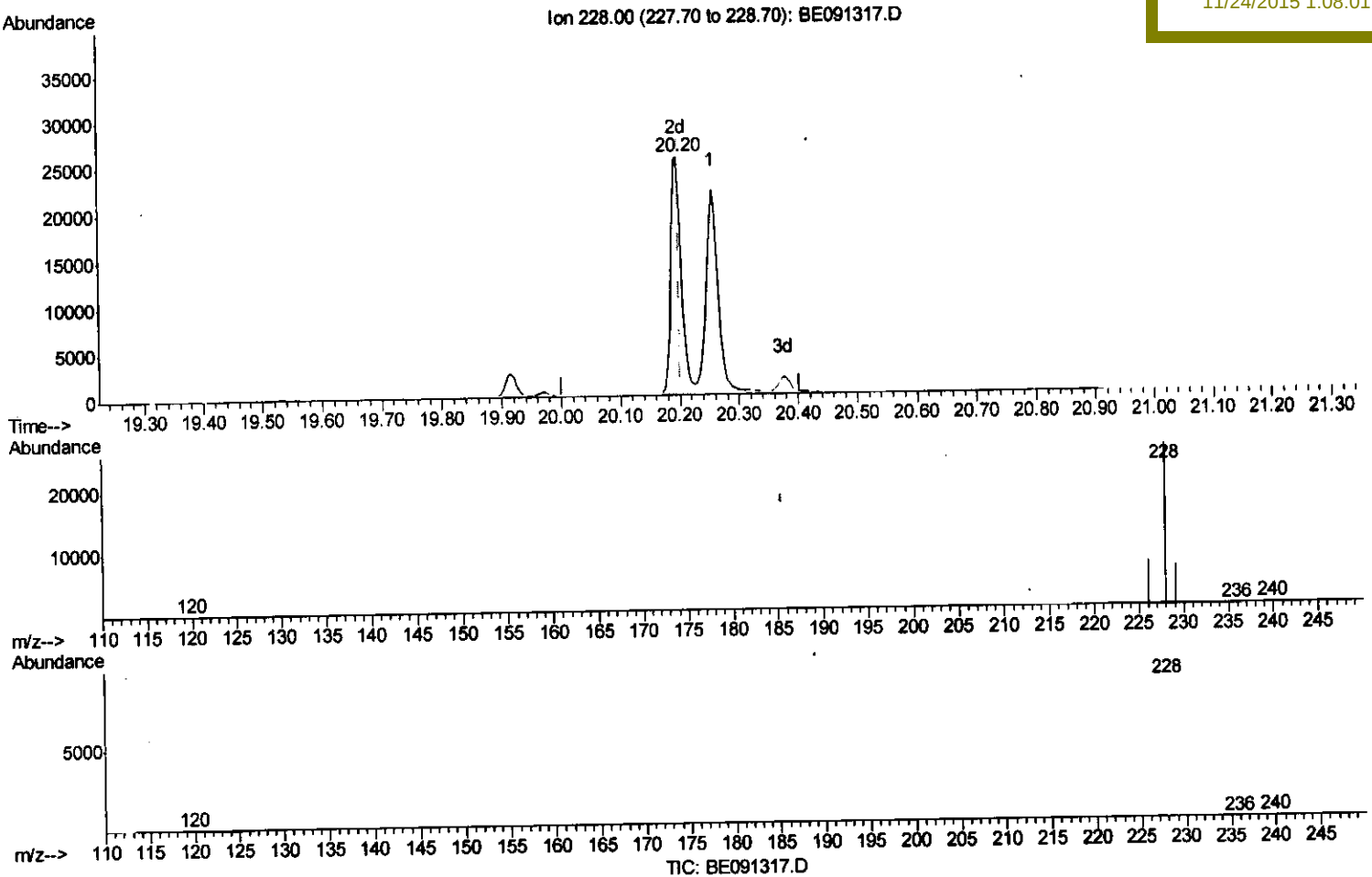
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(20) Benzo(a)anthracene

20.198min (-0.004) 0.66ng/ul m

response 31020

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	26.85
229.00	19.00	23.94#
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

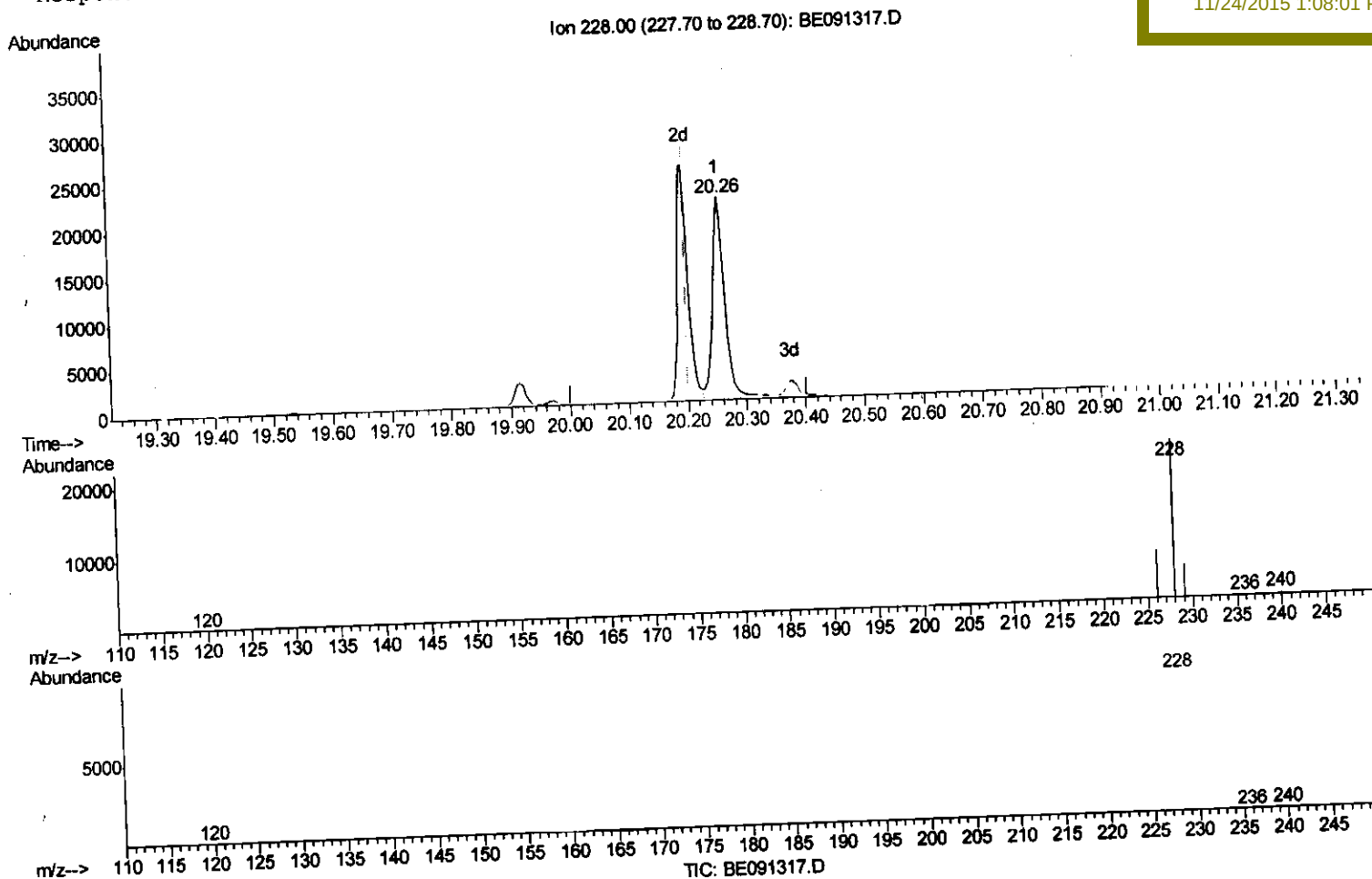
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 Operator : UM/NP
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
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Manual Integrations
 APPROVED

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(20) Benzo(a)anthracene

20.257min (+0.055) 0.66ng/ui

response 31074

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	30.70
229.00	19.00	21.10
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE112415\
 Data File : BE091317.D
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HSODL

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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	2092	0.40	ng/ul	-0.01
4) Naphthalene-d8	9.56	136	10318	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	5131	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	14476	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	18243	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	17367	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	1615	1.07	ng/uL	0.03
6) 2-Methylnaphthalene-d10	11.08	152	294	0.02	ng/ul	0.02
16) Fluoranthene-d10	18.06	212	920	0.02	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	9.61	128	2122	0.08	ng/ul#	87
7) 2-Methylnaphthalene	11.16	142	612	0.04	ng/ul	98
9) Acenaphthylene	13.11	152	1211	0.05	ng/ul#	85
10) Acenaphthene	13.42	153	2140	0.12	ng/ul#	84
11) Fluorene	14.41	166	3496	0.16	ng/ul#	93
14) Phenanthrene	16.11	178	235423	1.41	ng/ul	98
15) Anthracene	16.20	178	60777	0.40	ng/ul	99
17) Fluoranthene	18.09	202	298711	1.53	ng/ul	90
19) Pyrene	18.47	202	284518	1.37	ng/ul#	79
20) Benzo(a)anthracene	20.20	228	31020m	0.66	ng/ul	97
21) Chrysene	20.26	228	31945	0.59	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	19747	0.36	ng/ul	95
24) Benzo(k)fluoranthene	21.58	252	24673	0.44	ng/ul	95
25) Benzo(a)pyrene	22.01	252	26395	0.53	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.70	276	49616	0.24	ng/ul#	92
27) Dibenzo(a,h)anthracene	23.65	278	4206	0.08	ng/ul#	73
28) Benzo(g,h,i)perylene	24.25	276	44520	0.20	ng/ul	97

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

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 11/24/15