

Quantitation Report (Qedit)

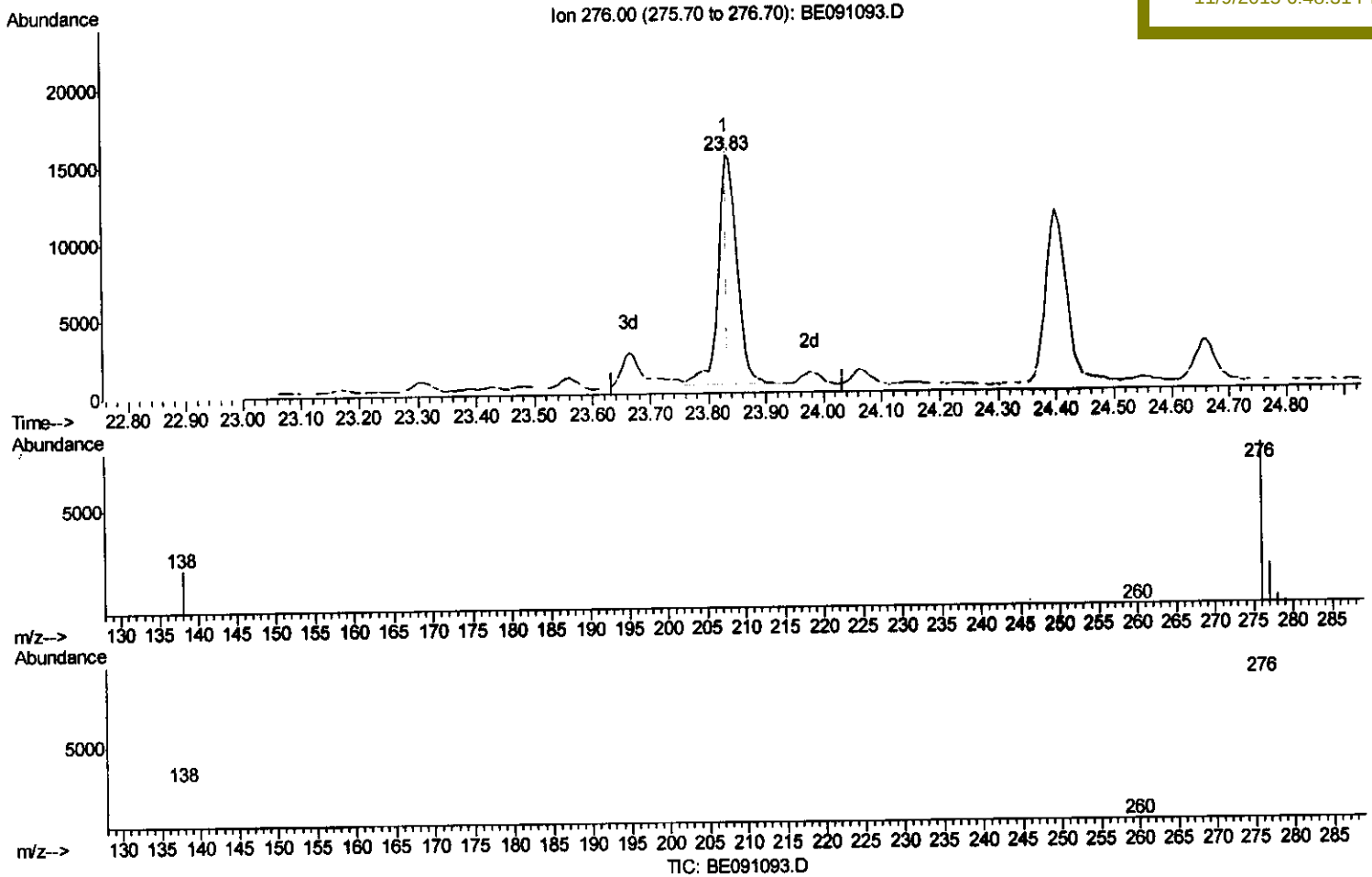
Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
 Data File : BE091093.D
 Acq On : 6 Nov 2015 16:36
 Operator : UM/NP
 Sample : G4273-13DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AP9DL

Quant Time: Nov 09 17:55:02 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 : Mon Nov 09 05:49:45 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 6:48:31 PM



(26) Indeno(1,2,3-cd)pyrene

23.833min (-0.001) 0.11ng/ul

response 34153

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	22.37#
277.00	24.10	24.49
0.00	0.00	0.00

Quantitation Report (Qedit)

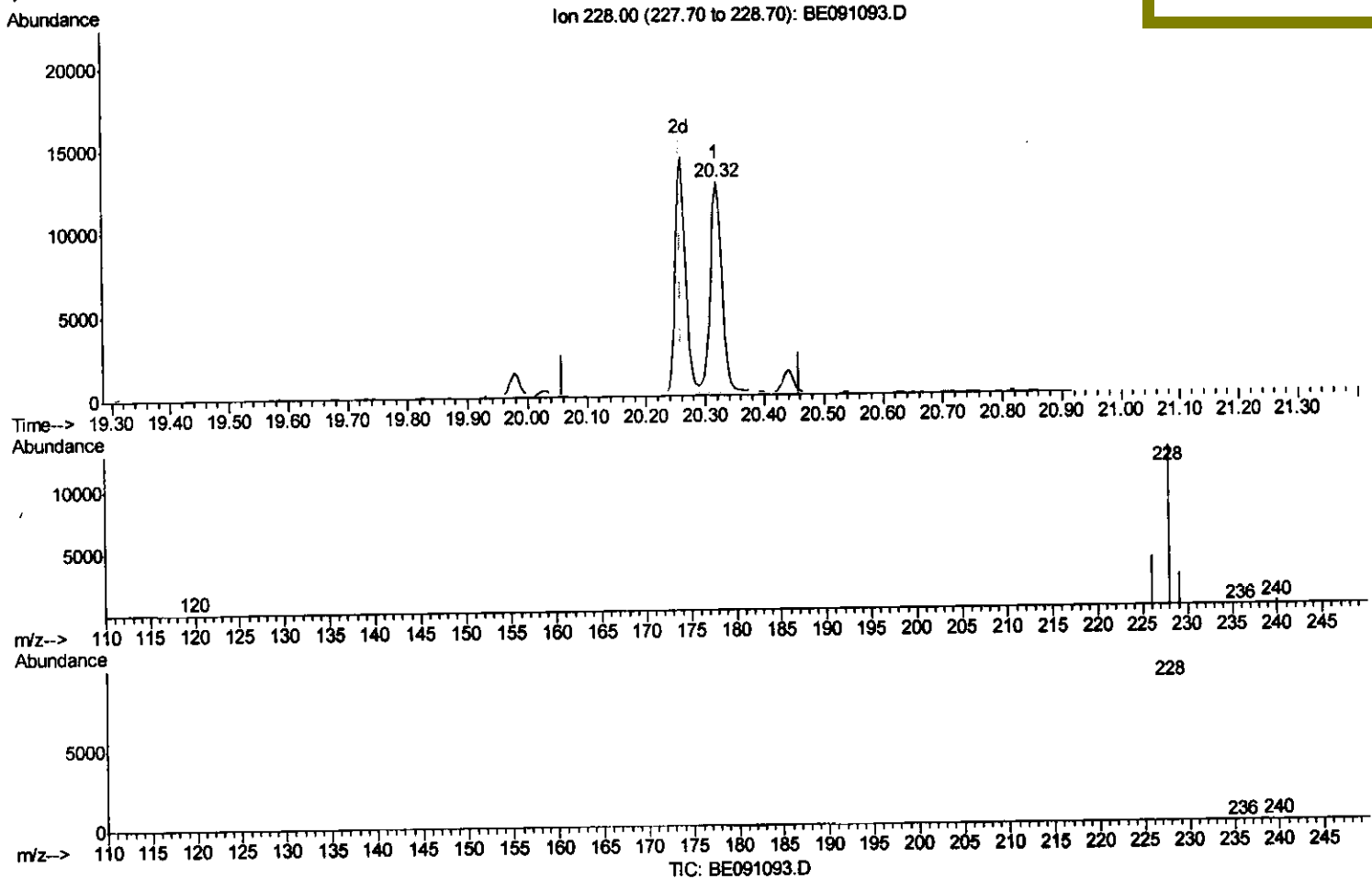
Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
 Data File : BE091093.D
 Acq On : 6 Nov 2015 16:36
 Operator : UM/NP
 Sample : G4273-13DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP9DL

Quant Time: Nov 09 17:55:02 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 : Mon Nov 09 05:49:45 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 6:48:31 PM



(20) Benzo(a)anthracene

20.320min (+0.060) 0.28ng/ul

response 17685

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	31.81
229.00	19.00	20.93
0.00	0.00	0.00

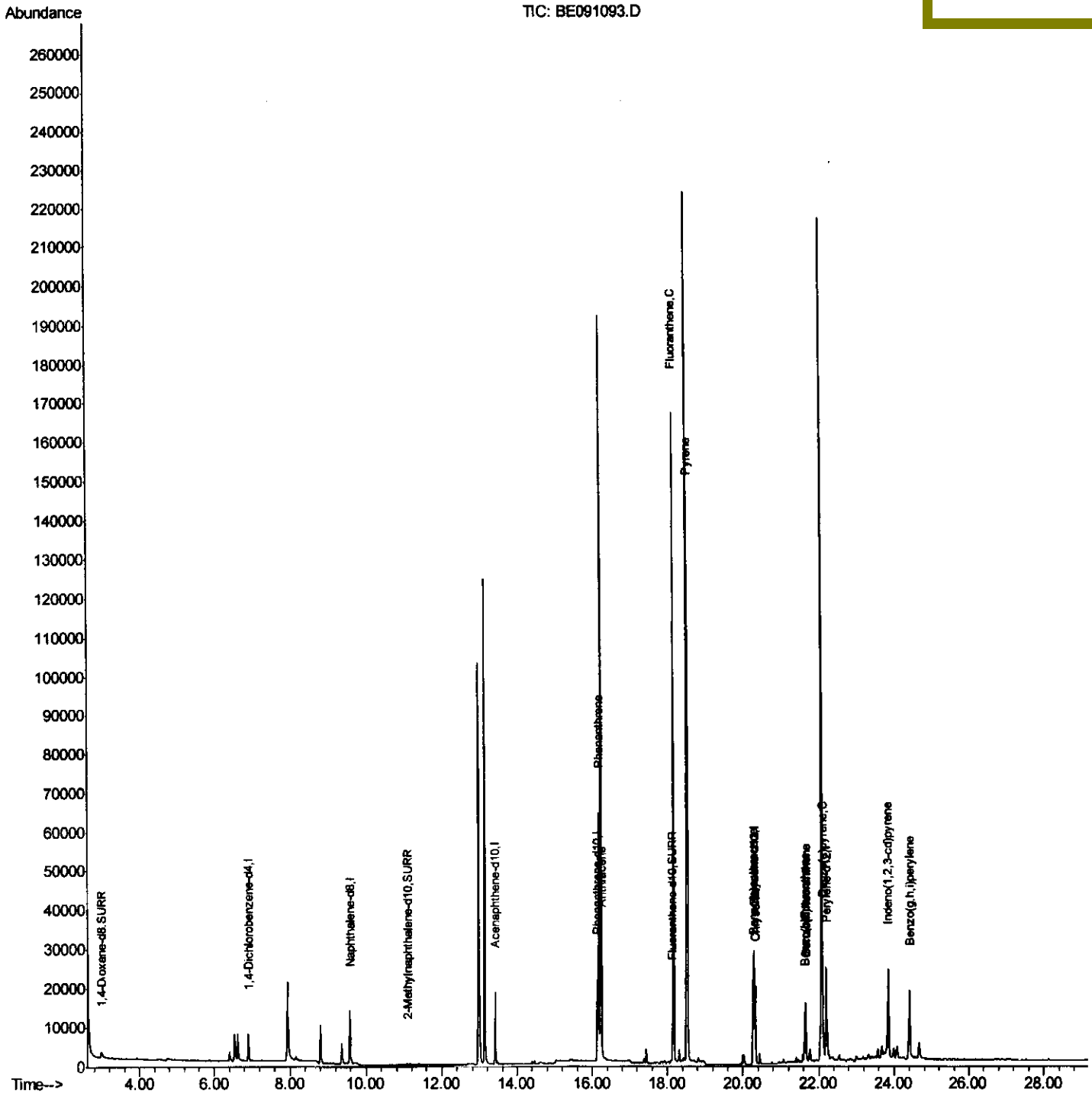
Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
Data File : BE091093.D
Acq On : 6 Nov 2015 16:36
Operator : UM/NP
Sample : G4273-13DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AP9DL

Quant Time: Nov 09 14:00:50 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 : Mon Nov 09 05:49:45 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 6:48:31 PM



Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
Data File : BE091093.D
Acq On : 6 Nov 2015 16:36
Operator : UM/NP
Sample : G4273-13DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AP9DL

Quant Time: Nov 09 14:00:50 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 : Mon Nov 09 05:49:45 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 6:48:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3106	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	16924	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	9486	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	22804	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	24492	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	26146	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.99	96	2086	0.93	ng/uL	0.04
6) 2-Methylnaphthalene-d10	11.08	152	824	0.04	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	2248	0.03	ng/ul	0.00
Target Compounds						
14) Phenanthrene	16.17	178	63450	0.24	ng/ul	97
15) Anthracene	16.25	178	25510	0.11	ng/ul	98
17) Fluoranthene	18.15	202	171531	0.56	ng/ul	89
19) Pyrene	18.54	202	144647	0.52	ng/ul#	78
20) Benzo(a)anthracene	20.26	228	17897m	0.28	ng/ul	} U.M 11/07/15
21) Chrysene	20.32	228	17873	0.25	ng/ul	
23) Benzo(b)fluoranthene	21.63	252	12668	0.16	ng/ul	
24) Benzo(k)fluoranthene	21.65	252	14233	0.17	ng/ul	
25) Benzo(a)pyrene	22.09	252	14962	0.20	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	32533m	0.10	ng/ul	
28) Benzo(g,h,i)perylene	24.40	276	28817	0.09	ng/ul	

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

Quantitation Report (Qedit)

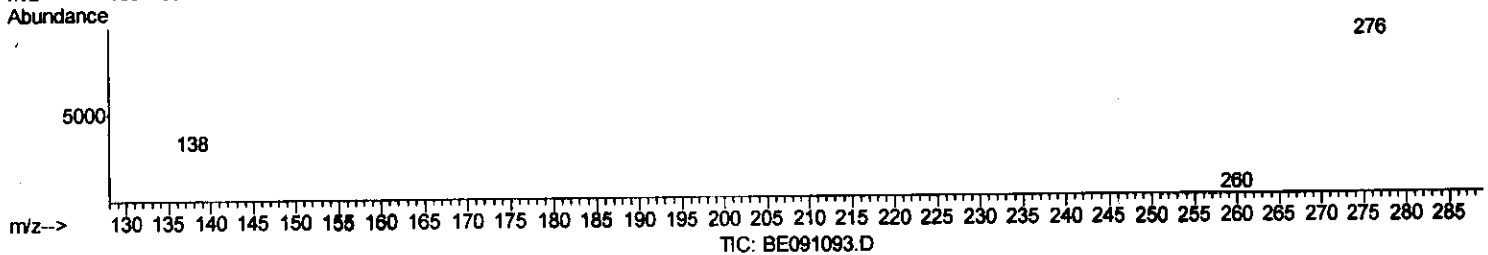
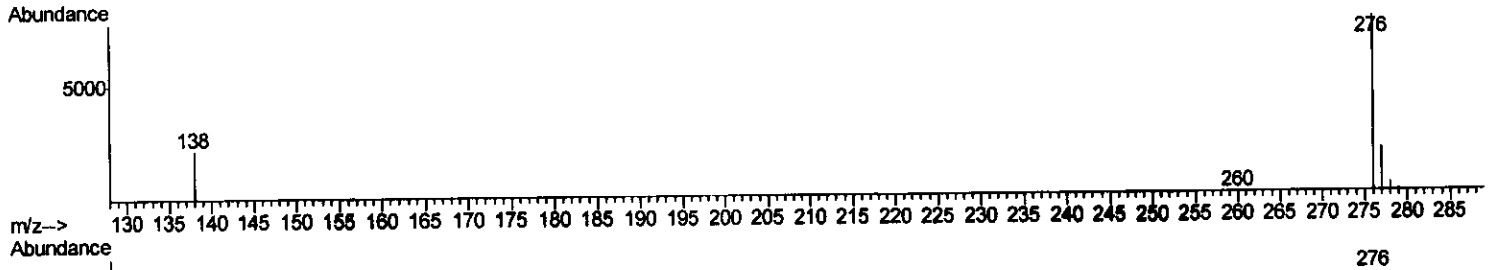
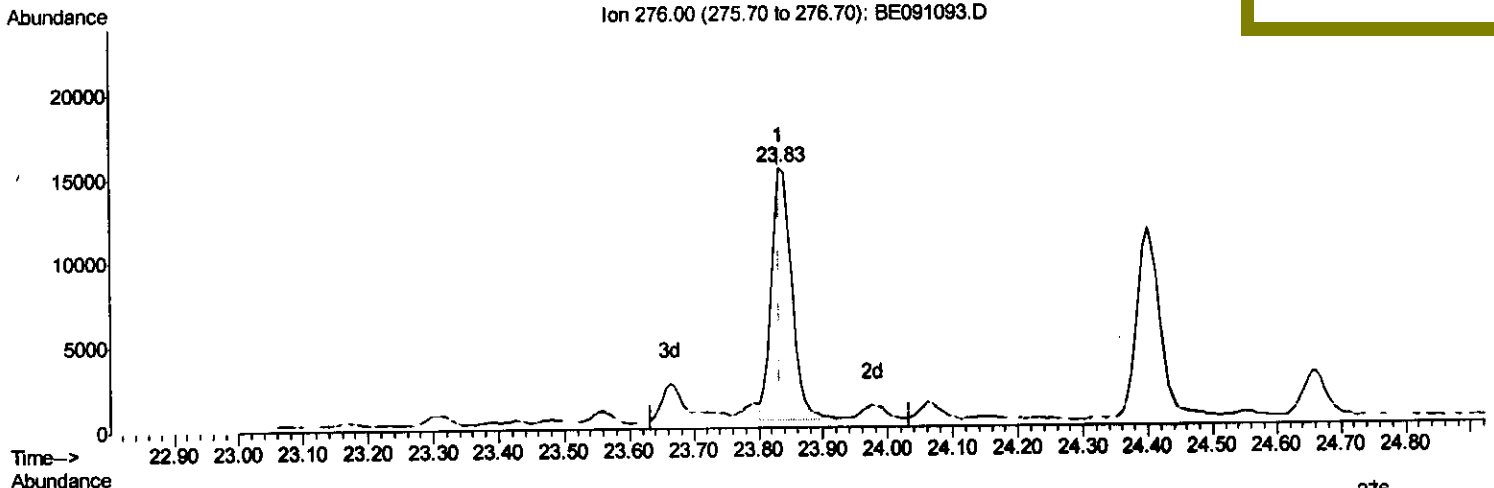
Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
 Data File : BE091093.D
 Acq On : 6 Nov 2015 16:36
 Operator : UM/NP
 Sample : G4273-13DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP9DL

Quant Time: Nov 09 14:00:50 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 : Mon Nov 09 05:49:45 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 6:48:31 PM



(26) Indeno(1,2,3-cd)pyrene

23.833min (-0.001) 0.10ng/ul m

response 32533

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	23.49#
277.00	24.10	25.71
0.00	0.00	0.00

U.M
 11/07/15

Quantitation Report (Qedit)

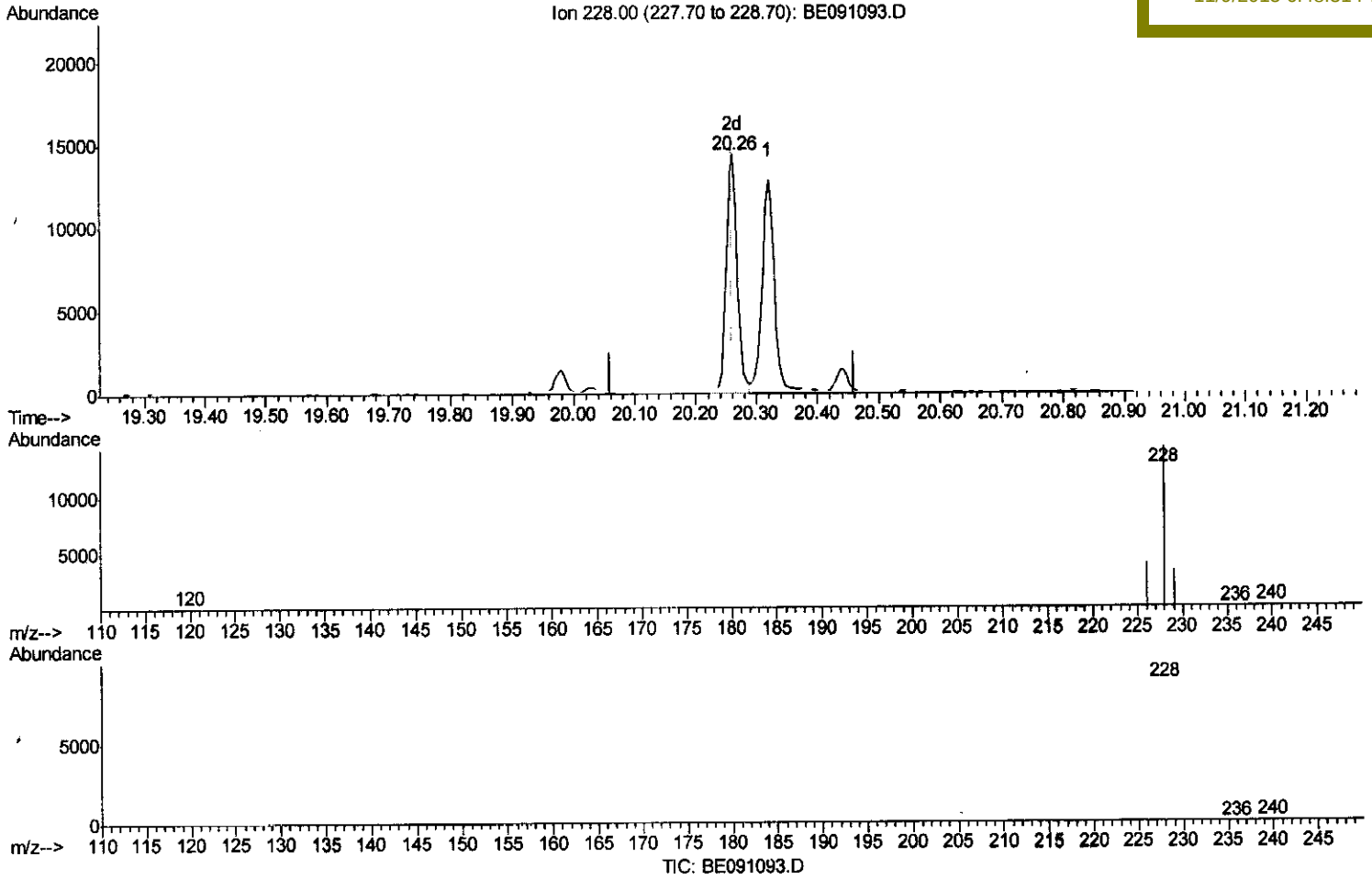
Data Path : Z:\HPCHEM1\BNA_E\Data\BE110615\
 Data File : BE091093.D
 Acq On : 6 Nov 2015 16:36
 Operator : UM/NP
 Sample : G4273-13DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP9DL

Quant Time: Nov 09 14:00:50 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 : Mon Nov 09 05:49:45 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 6:48:31 PM



(20) Benzo(a)anthracene

20.261min (+0.001) 0.28ng/ul m

response 17897

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	27.03
229.00	19.00	22.86#
0.00	0.00	0.00

U.M
 11/07/15