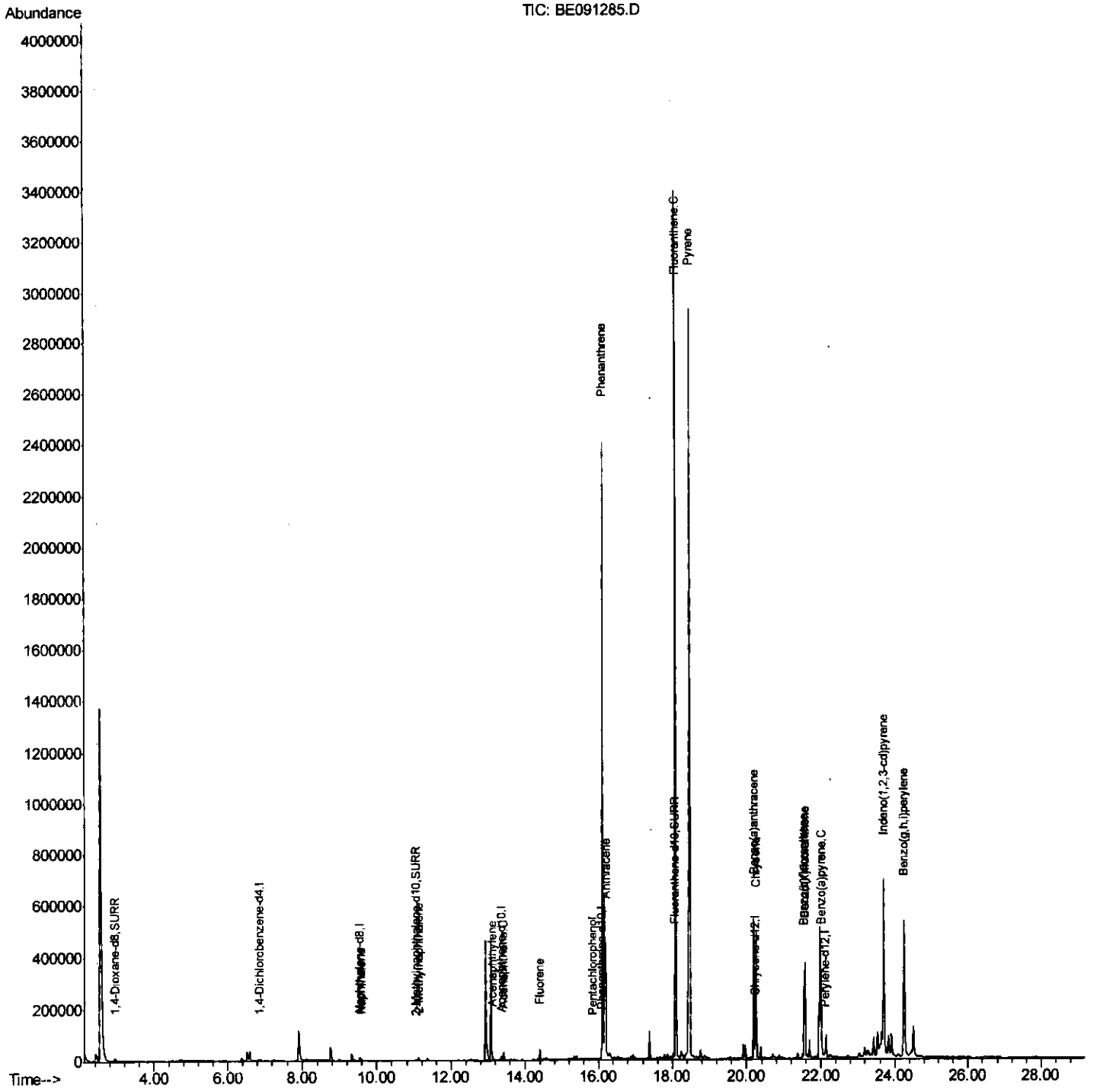
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091285.D
Acq On : 21 Nov 2015 20:29
Operator : UM/NP
Sample : G4345-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

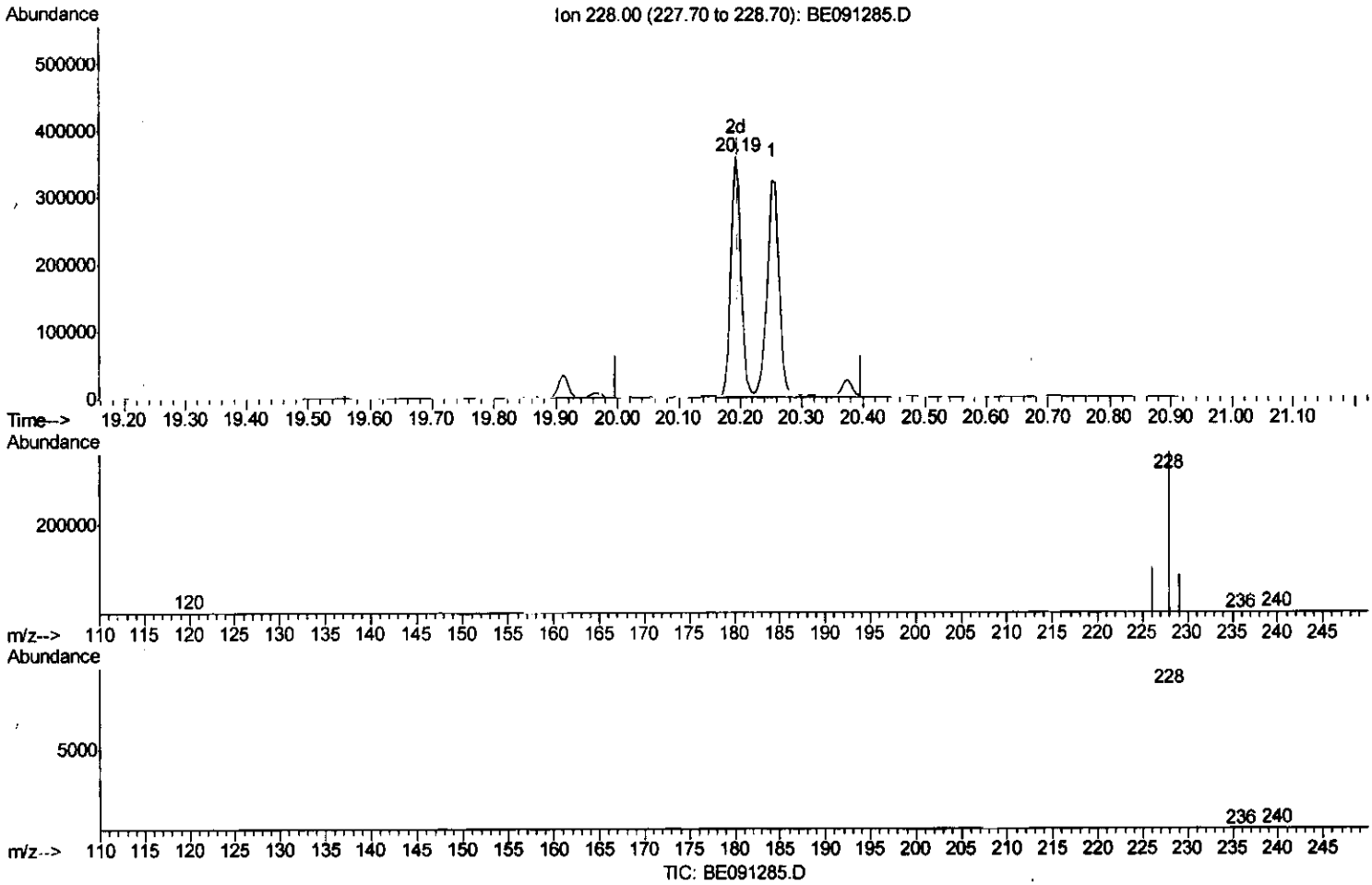
Quant Time: Nov 22 02:20:36 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
Data File : BE091285.D
Acq On : 21 Nov 2015 20:29
Operator : UM/NP
Sample : G4345-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 22 02:02:38 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration



(20) Benzo(a)anthracene

20.193min (-0.004) 6.93ng/ul m

response 420758

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	28.19
229.00	19.00	23.64#
0.00	0.00	0.00

U.M
11/25/15

Quantitation Report (Qedit)

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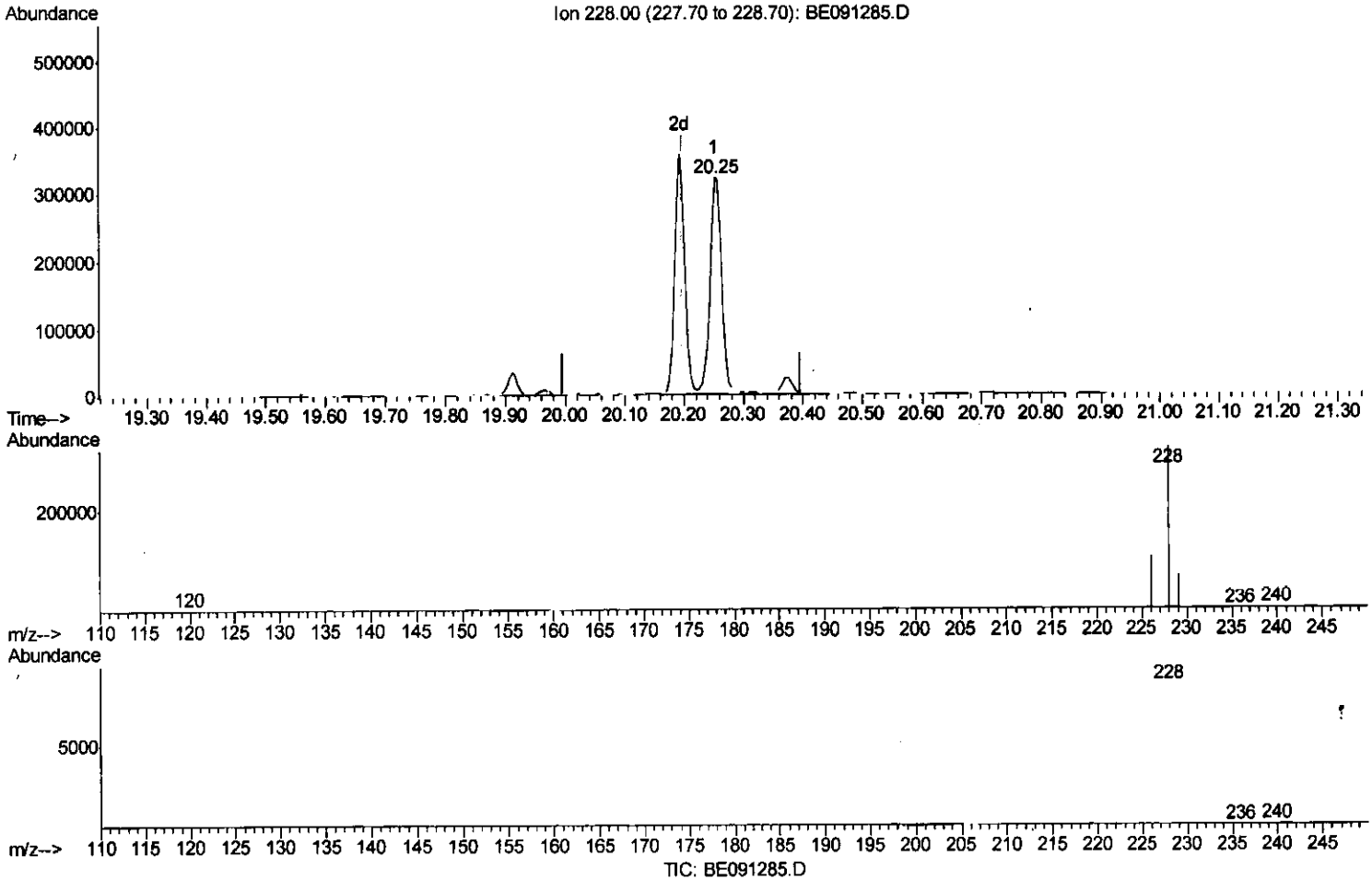

(20) Benzo(a)anthracene

20.252min (+0.055) 7.16ng/ul

response 434489

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	32.17
229.00	19.00	20.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
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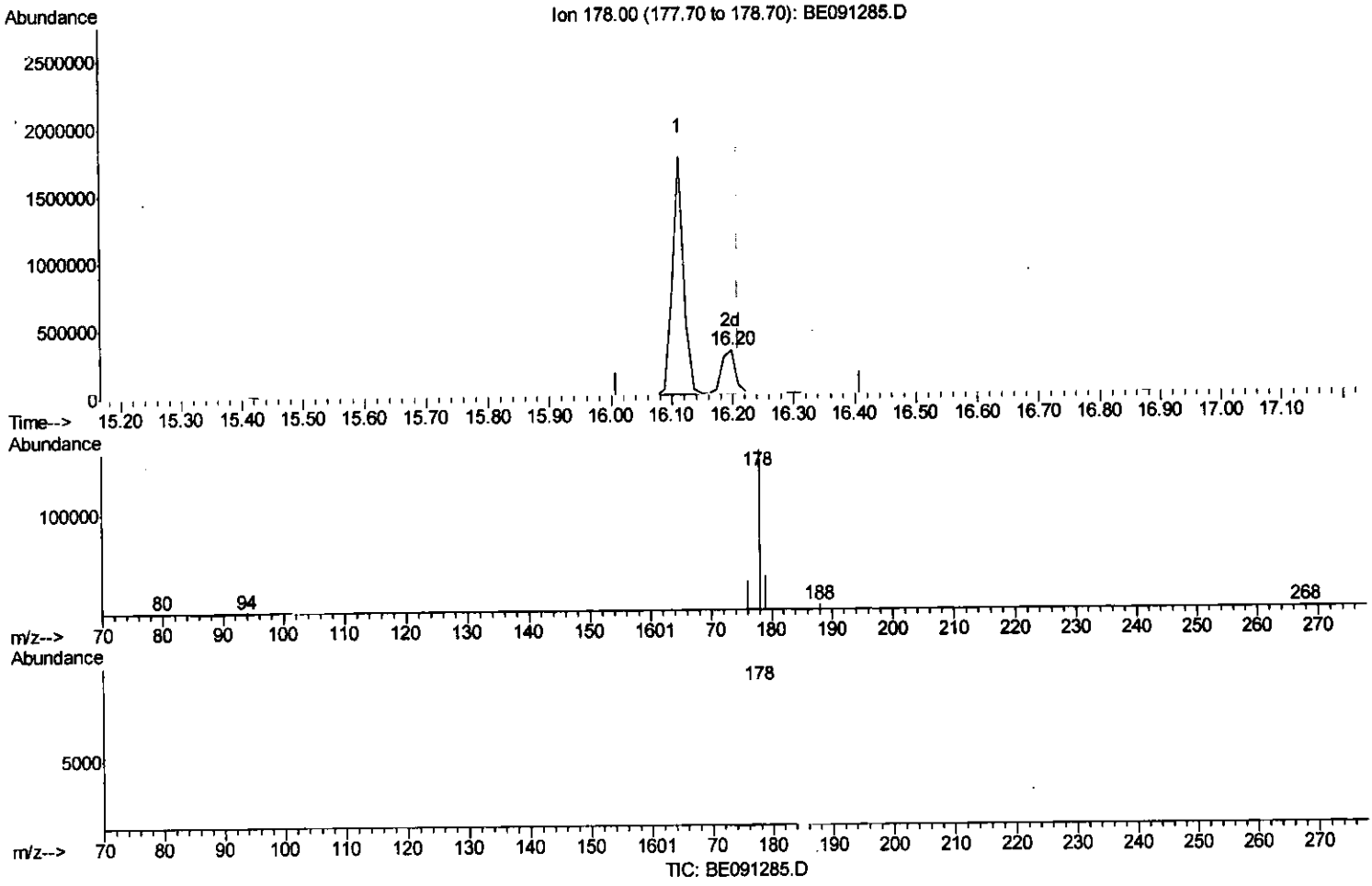
Operator : UM/NP
Sample : G4345-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 22 02:02:38 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration



(15) Anthracene

16.197min (-0.012) 2.54ng/ul m

response 530000

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	17.60
179.00	16.60	21.13#
0.00	0.00	0.00

U.M
11/25/15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
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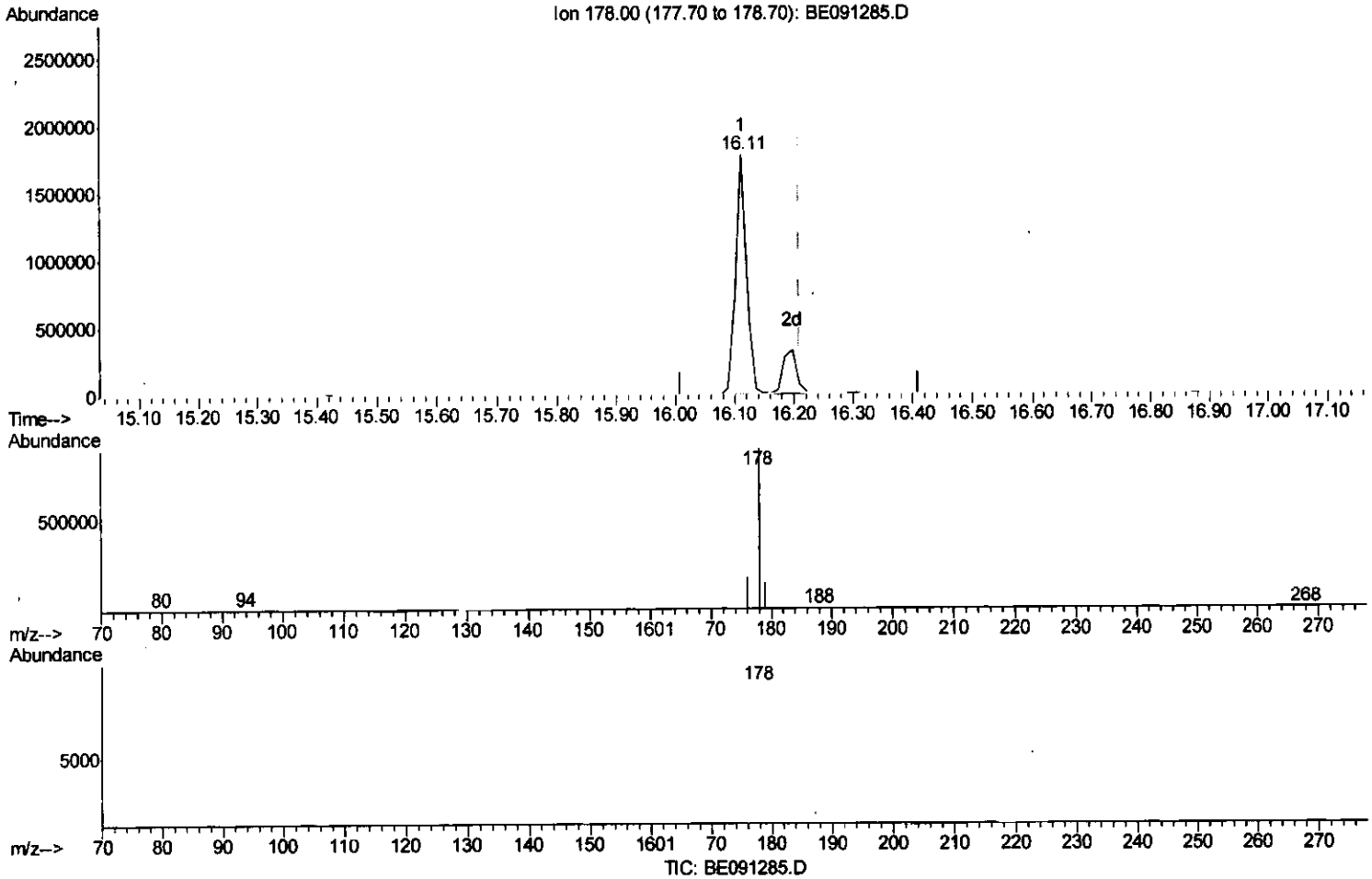
Operator : UM/NP
Sample : G4345-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 22 02:02:38 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration



(15) Anthracene

16.112min (-0.097) 10.84ng/ul

response 2262502

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	19.54
179.00	16.60	16.06
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : UM/NP
Sample : G4345-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 22 02:20:36 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	3267	0.40	ng/ul	-0.01
4) Naphthalene-d8	9.54	136	15712	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	8745	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	19878	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	23641	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	24392	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	15472	6.58	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.05	152	3509	0.16	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	7724	0.14	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.58	128	12087	0.31	ng/ul	98
7) 2-Methylnaphthalene	11.12	142	10183	0.40	ng/ul	99
9) Acenaphthylene	13.11	152	11118	0.25	ng/ul	100
10) Acenaphthene	13.42	153	15843	0.53	ng/ul	92
11) Fluorene	14.40	166	24667	0.64	ng/ul	93
13) Pentachlorophenol	15.85	266	297	0.16	ng/ul	88
14) Phenanthrene	16.11	178	2264270	9.86	ng/ul	99
15) Anthracene	16.20	178	530000m	2.54	ng/ul	
17) Fluoranthene	18.09	202	3564332	13.27	ng/ul	89
19) Pyrene	18.47	202	2966007	11.04	ng/ul#	79
20) Benzo(a)anthracene	20.19	228	420758m	6.93	ng/ul	
21) Chrysene	20.25	228	436555	6.24	ng/ul	98
23) Benzo(b)fluoranthene	21.55	252	326417	4.29	ng/ul	95
24) Benzo(k)fluoranthene	21.58	252	342244	4.38	ng/ul	96
25) Benzo(a)pyrene	22.01	252	351976	5.02	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.70	276	902850	3.05	ng/ul#	91
28) Benzo(g,h,i)perylene	24.25	276	845078	2.73	ng/ul	96

U.M 11/25/15

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