

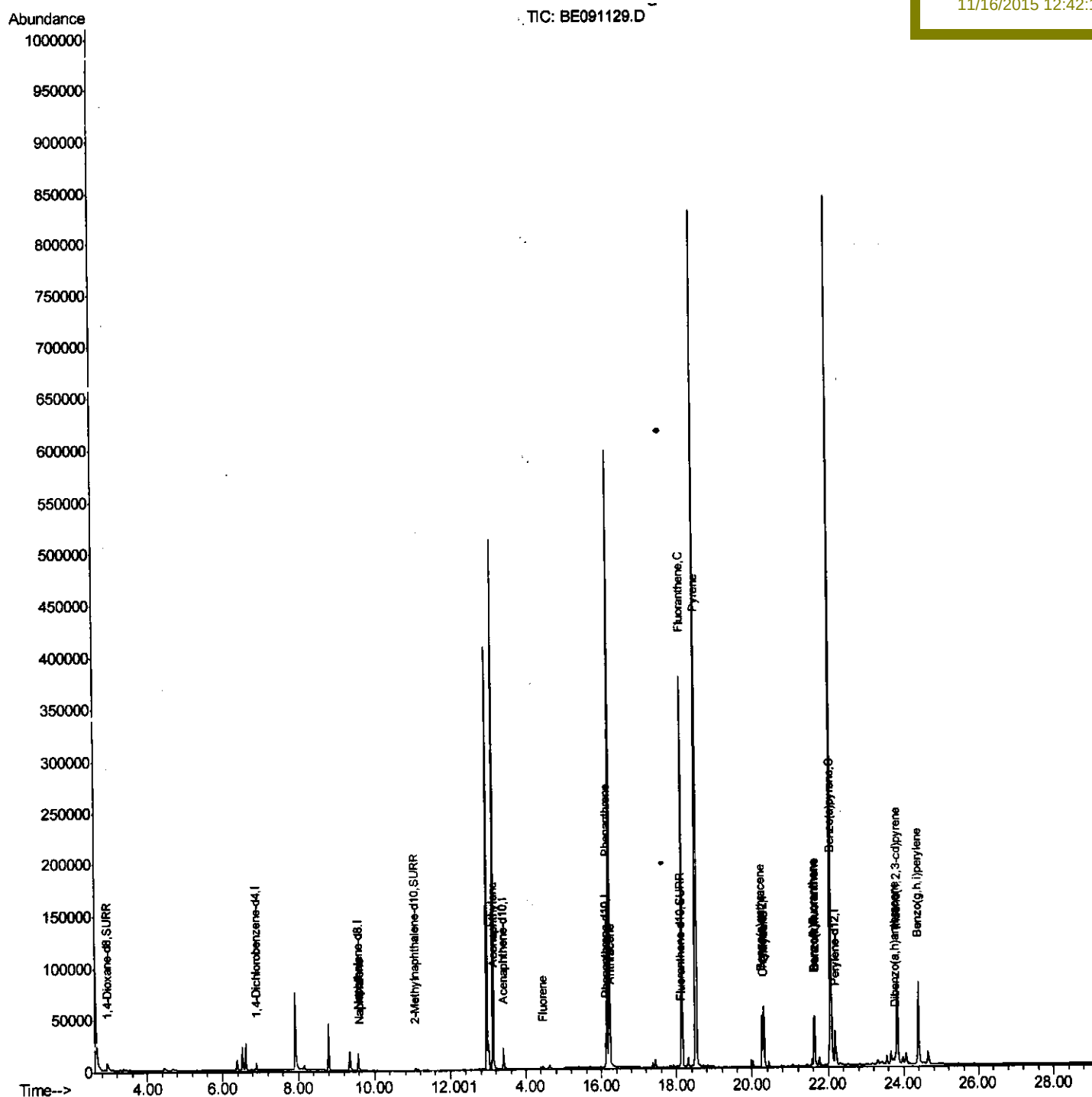
Data Path : Z:\HPCHEM1\BNA E\Data\BE111115\
Data File : BE091129.D
Acq On : 12 Nov 2015 1:48
Operator : UM/NP
Sample : G4322-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A4HS7

Quant Time: Nov 13 16:16:37 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 : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

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11/16/2015 12:42:13 PM



Quantitation Report (Qedit)

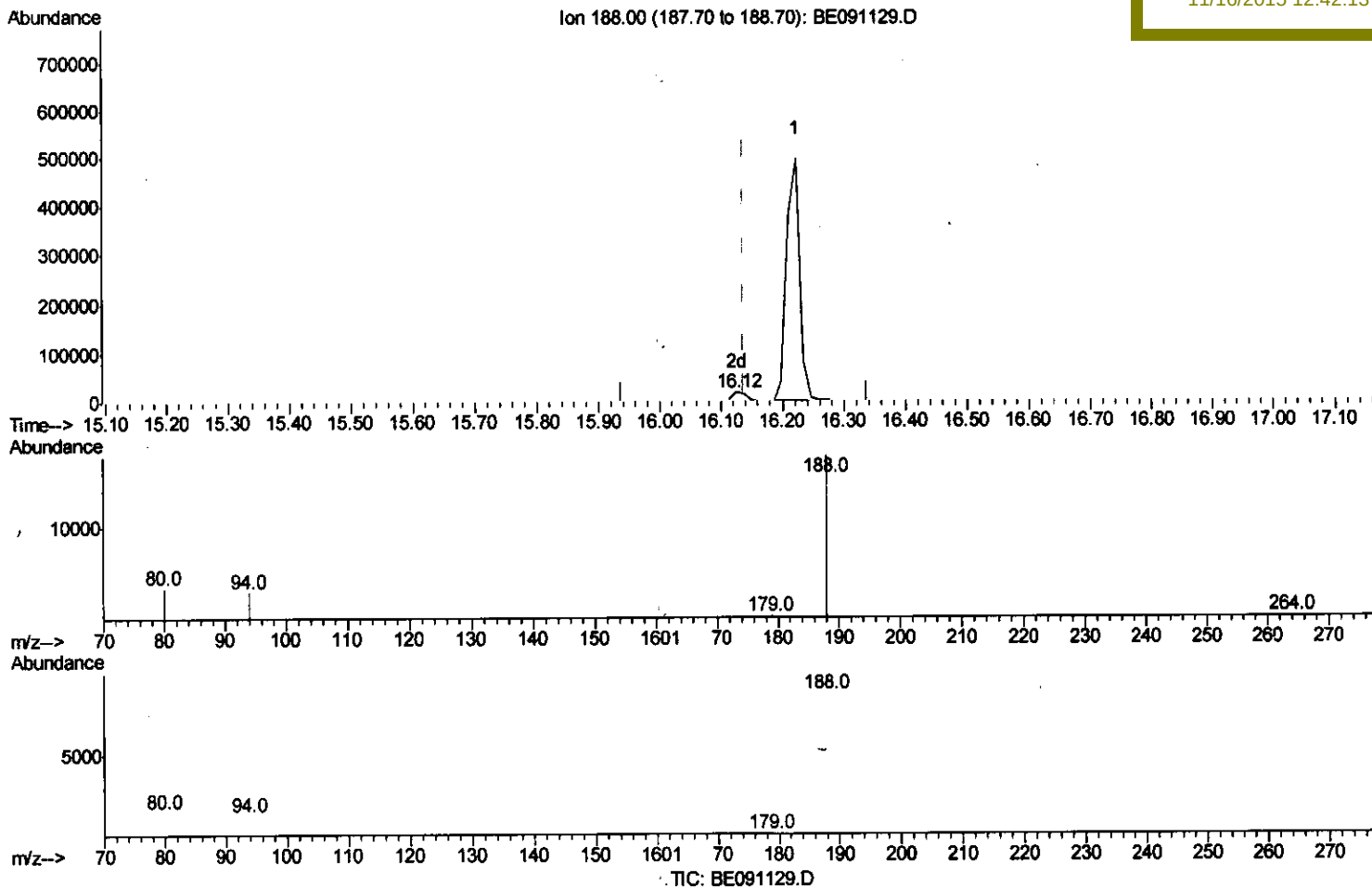
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(12) Phenanthrene-d10 (I)

16.125min (-0.012) 0.40ng/ul m

response 27133

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	16.68#
80.00	8.90	18.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

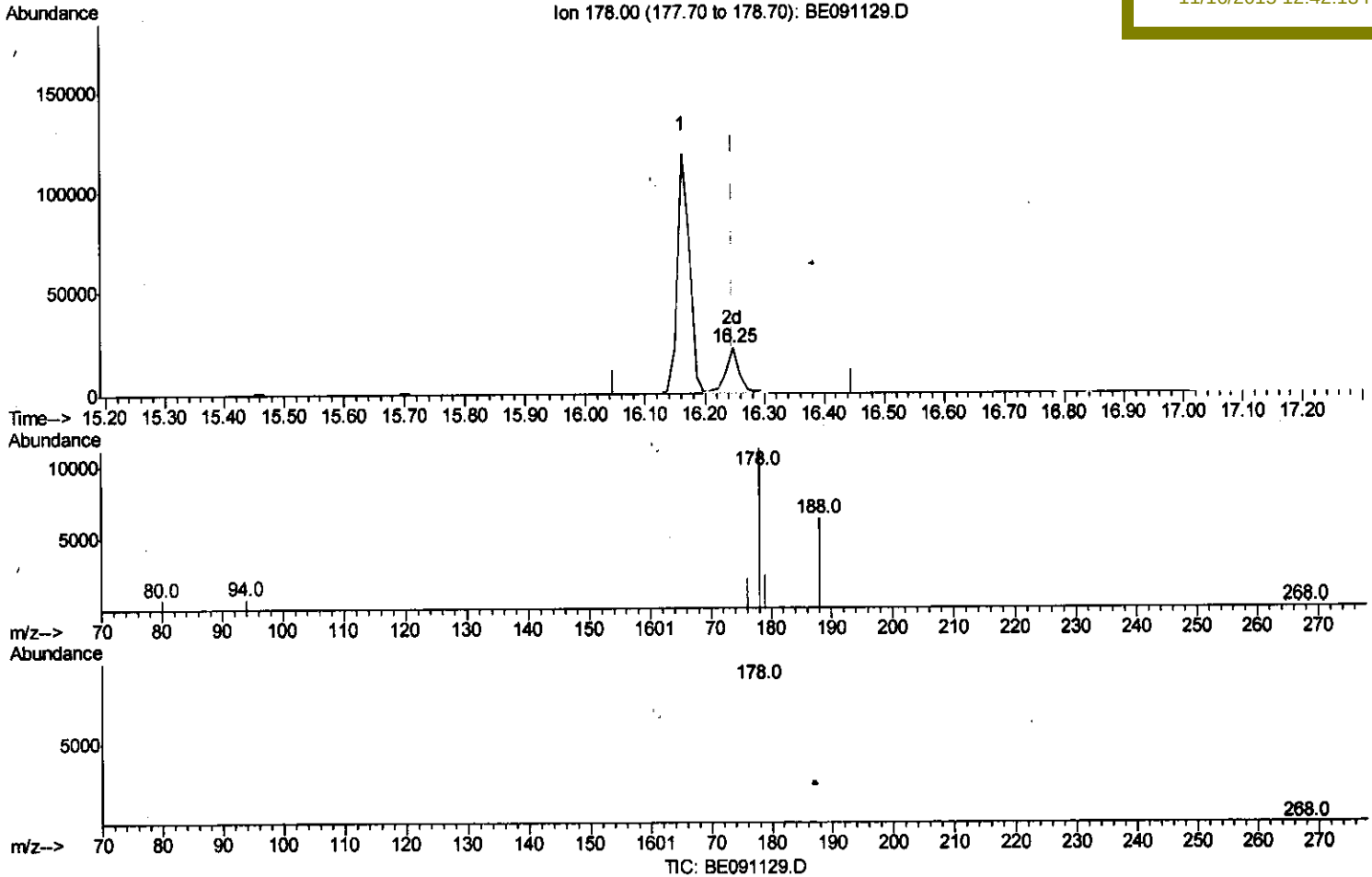
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Instrument :
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(15) Anthracene

16.246min (-0.000) 0.13ng/ul m

response 36955

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	19.03
179.00	16.60	20.62#
0.00	0.00	0.00

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Quantitation Report (Qedit)

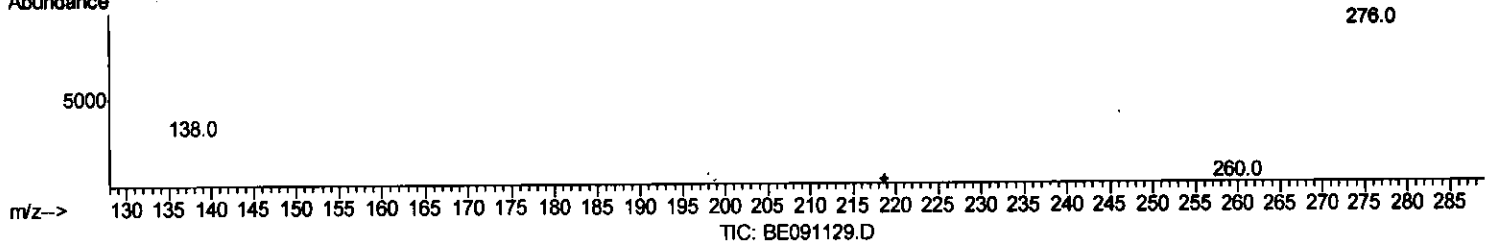
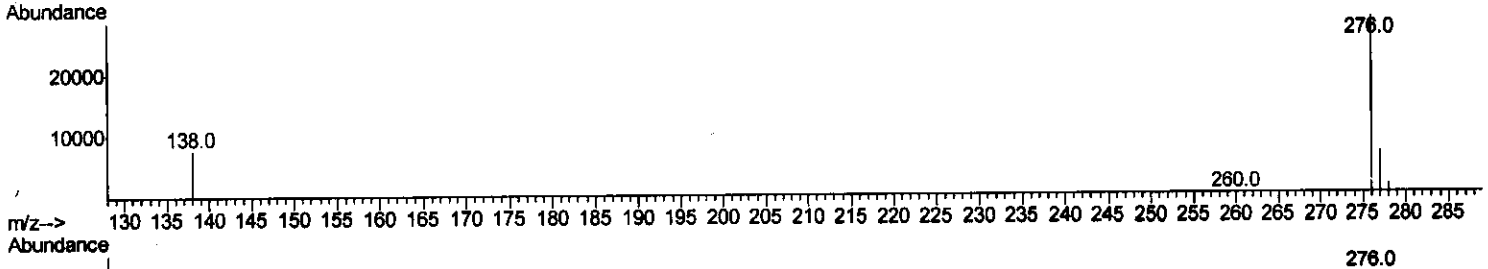
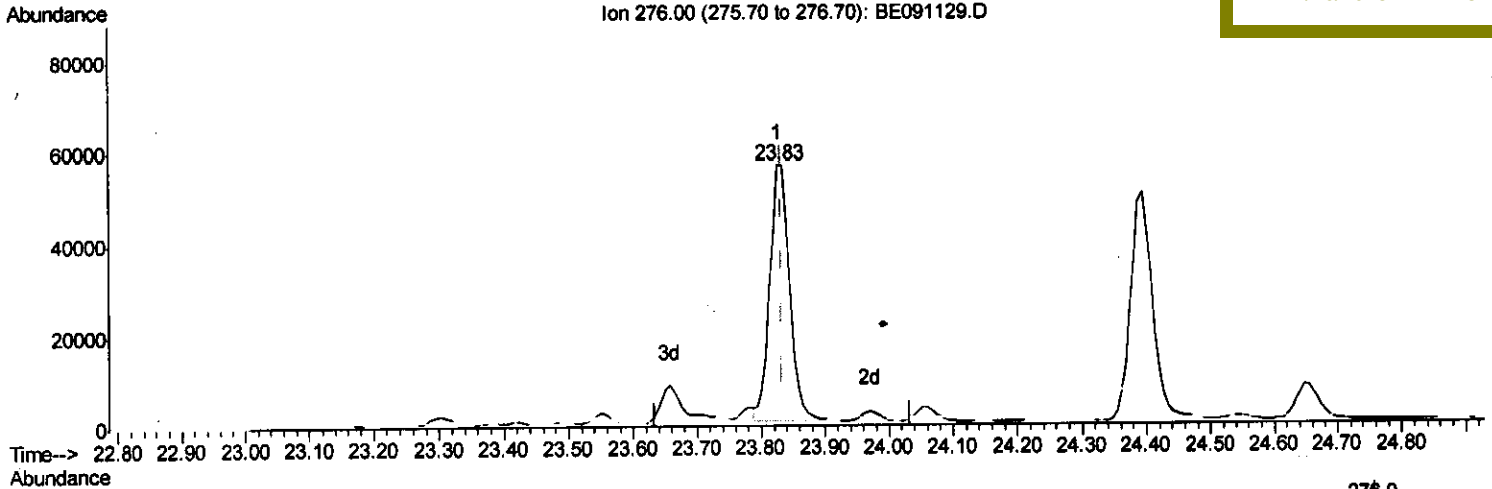
Data Path : Z:\HPCHEM1\BNA E\Data\BE111115\
 Data File : BE091129.D
 Acq On : 12 Nov 2015 1:48
 Operator : UM/NP
 Sample : G4322-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS7

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

23.827min (-0.007) 0.25ng/ul m

response 121087

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	24.08#
277.00	24.10	25.60
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

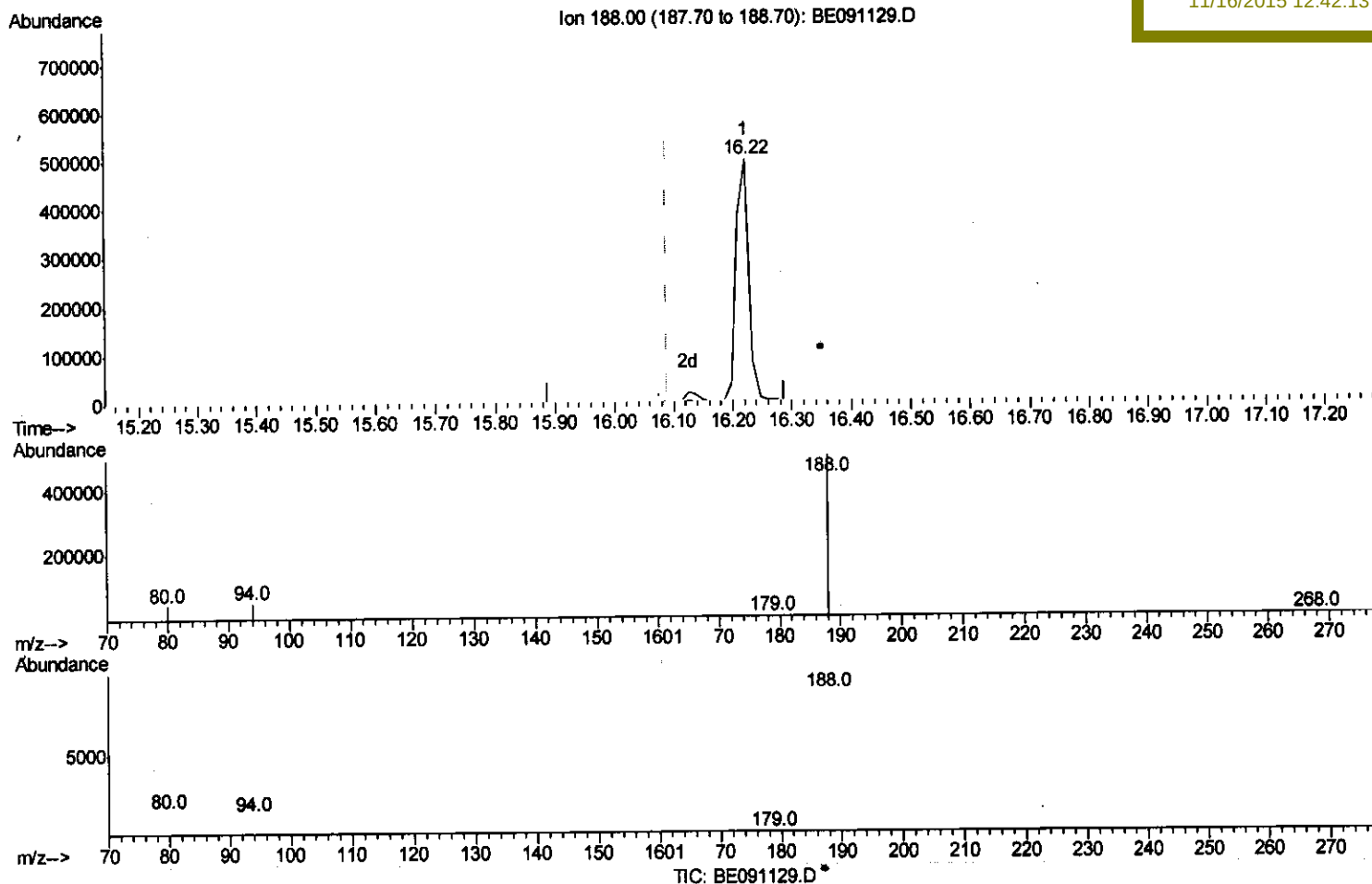
Data Path : Z:\HPCHEM1\BNA E\Data\BE111115\
 Data File : BE091129.D
 Acq On : 12 Nov 2015 1:48
 Operator : UM/NP
 Sample : G4322-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS7

Quant Time: Nov 24 14:39:33 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
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(12) Phenanthrene-d10 (I)
 16.222min (+0.134) 0.40ng/ul
 response 736449

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	9.94
80.00	8.90	8.72
0.00	0.00	0.00

Quantitation Report (Qedit)

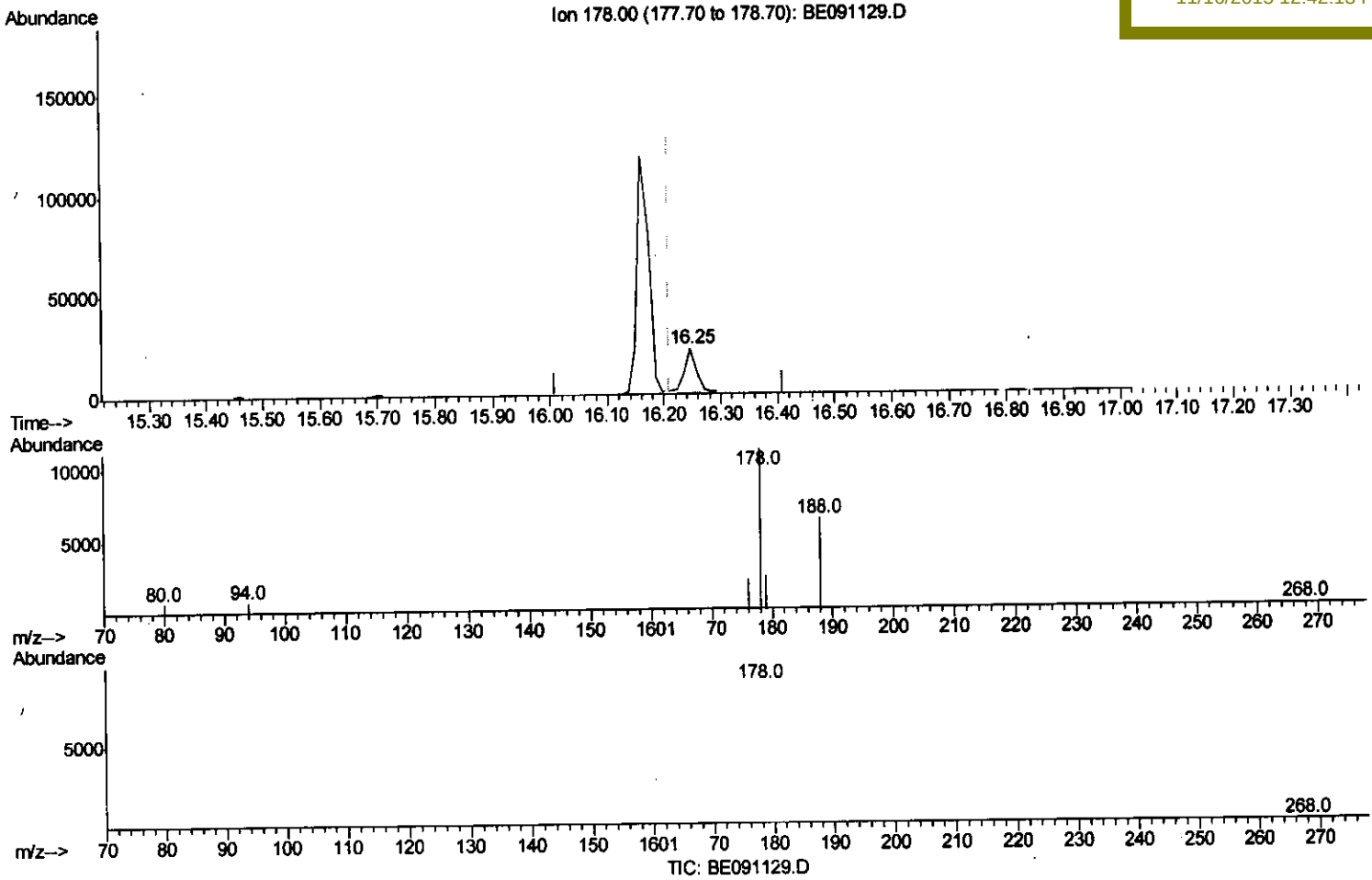
Data Path : Z:\HPCHEM1\BNA E\Data\BE111115\
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 Acq On : 12 Nov 2015 1:48
 Operator : UM/NP
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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Manual Integrations
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(15) Anthracene

16.246min (+0.037) 0.00ng/ul

response 34743

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	19.03
179.00	16.60	20.62#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3511	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	19159	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	10705	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	27133m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	35598	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	39428	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.94	96	8379	3.32	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	11.08	152	3335	0.13	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	9071	0.12	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	9.61	128	1628	0.03	ng/ul#	88
9) Acenaphthylene	13.15	152	5883	0.11	ng/ul	97
11) Fluorene	14.45	166	1461	0.03	ng/ul#	92
14) Phenanthrene	16.16	178	167378	0.53	ng/ul	98
15) Anthracene	16.25	178	36955m	0.13	ng/ul	
17) Fluoranthene	18.15	202	404435	1.10	ng/ul	89
19) Pyrene	18.53	202	386572	0.96	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	38488	0.42	ng/ul	97
21) Chrysene	20.31	228	54596	0.52	ng/ul	98
23) Benzo(b)fluoranthene	21.62	252	44464	0.36	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	47766	0.38	ng/ul	95
25) Benzo(a)pyrene	22.09	252	48136	0.42	ng/ul	91
26) Indeno(1,2,3-cd)pyrene	23.83	276	121087m	0.25	ng/ul	
27) Dibenzo(a,h)anthracene	23.78	278	6852	0.06	ng/ul#	74
28) Benzo(g,h,i)perylene	24.39	276	121081	0.24	ng/ul	99

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

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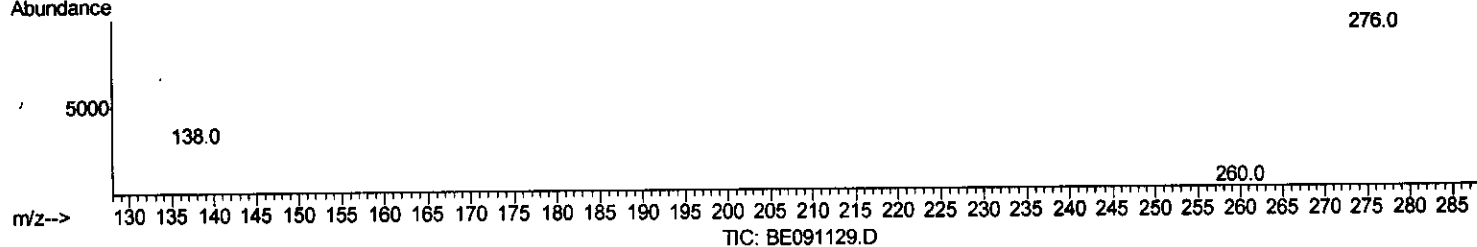
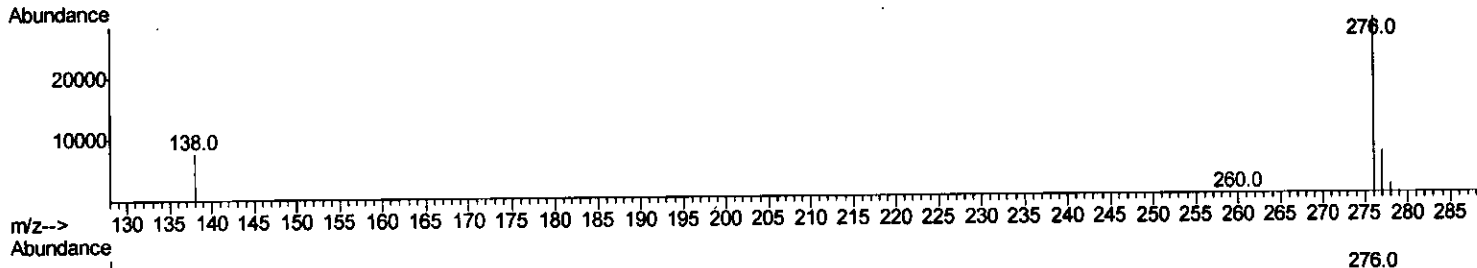
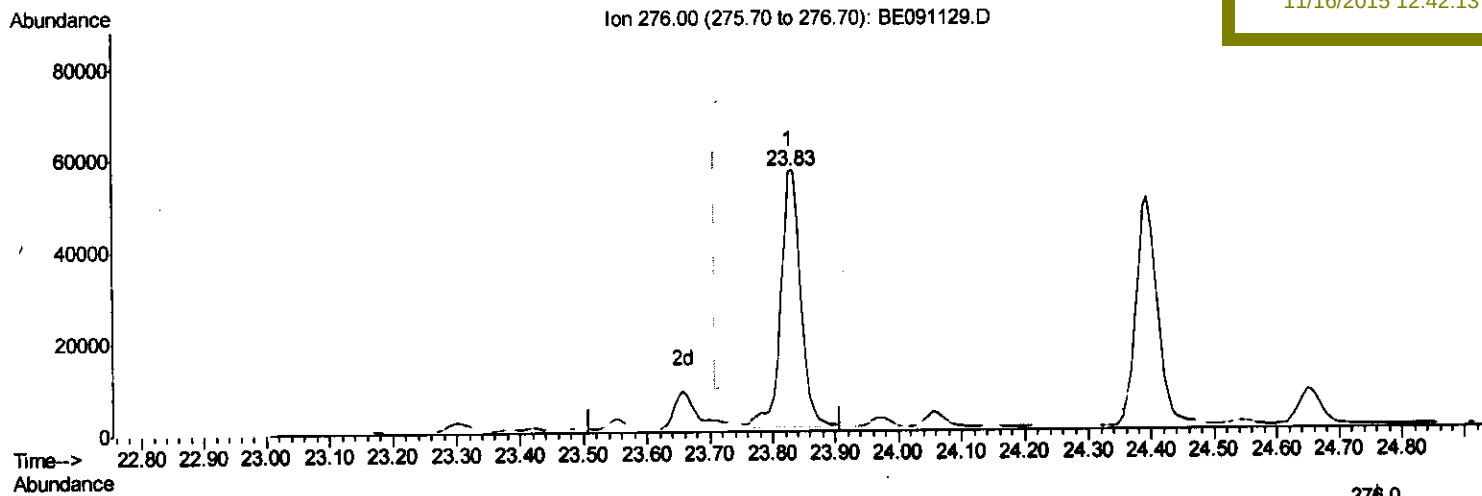
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(26) Indeno(1,2,3-cd)pyrene

23.827min (+0.118) 0.26ng/ul

response 126572

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	23.04#
277.00	24.10	24.71
0.00	0.00	0.00