

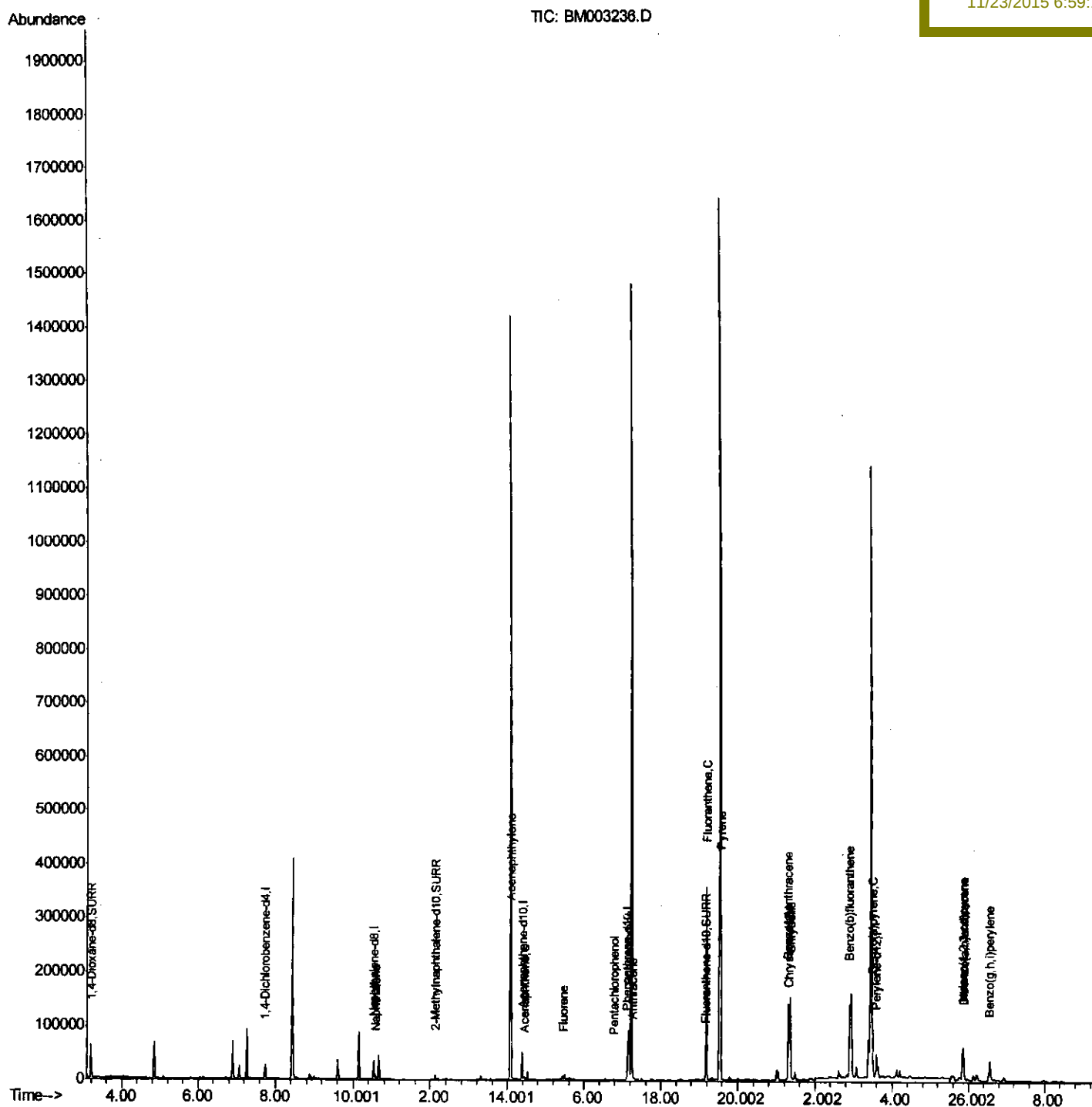
Data Path : Z:\HPCHEM1\BNA M\Data\BM112015\
Data File : BM003236.D
Acq On : 21 Nov 2015 00:08
Operator : UM/IZ
Sample : G4322-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HS9

Quant Time: Nov 23 11:51:20 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 04:24:04 2015
Response via : Initial Calibration

Manual Integrations
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11/23/2015 6:59:13 PM



Quantitation Report (Qedit)

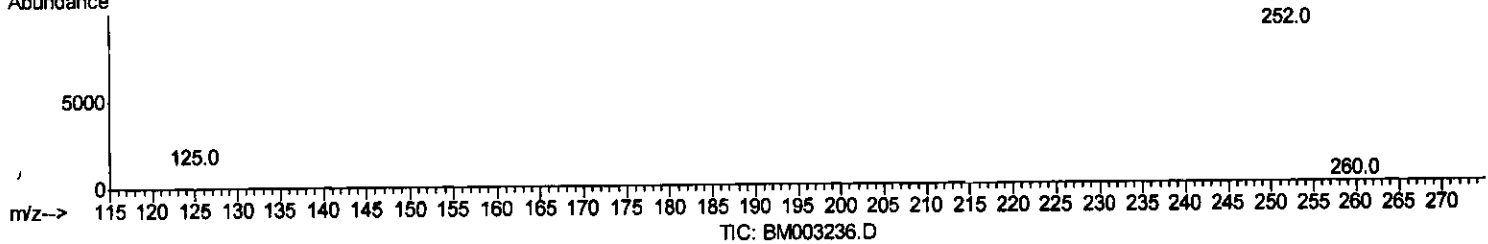
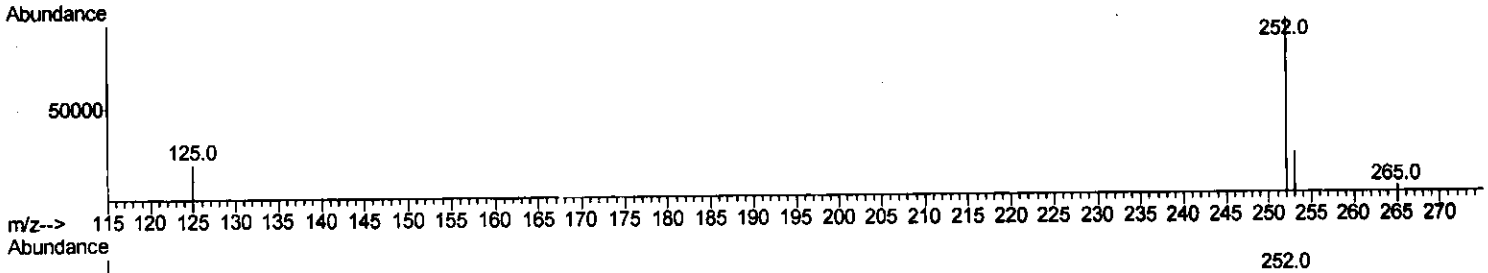
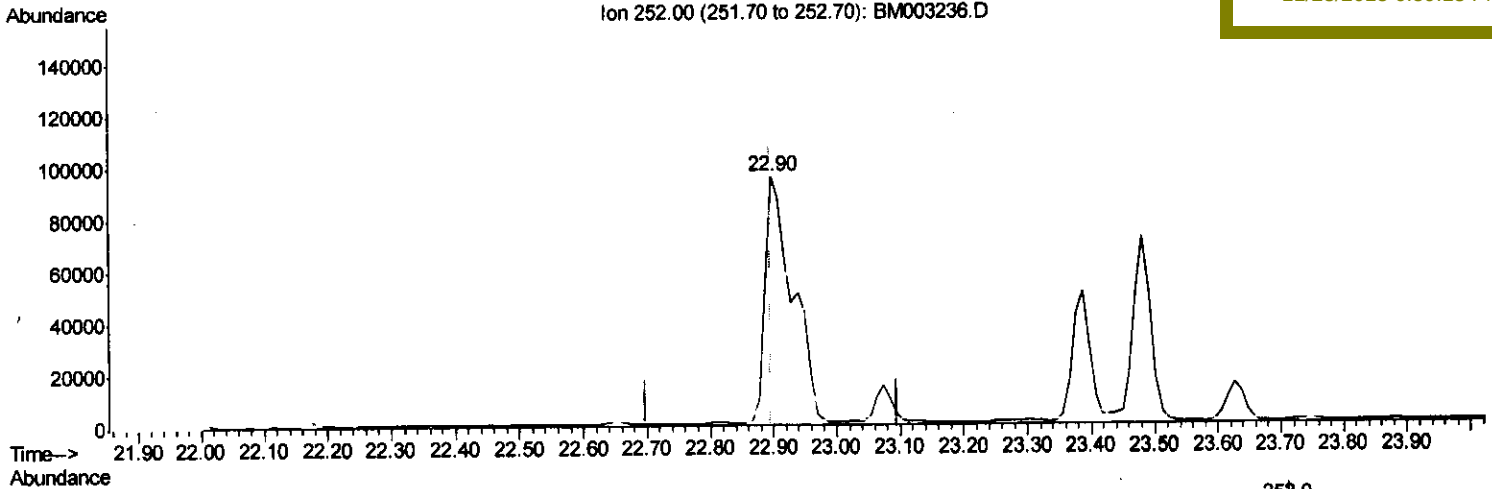
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 ClientSampleId :
 A4HS9

Quant Time: Nov 24 14:51:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 11:49:00 2015
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Manual Integrations
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(23) Benzo(b)fluoranthene
 22.897min (+0.000) 1.35ng/ul
 response 289575

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.71
125.00	14.40	20.36
0.00	0.00	0.00

Quantitation Report (Qedit)

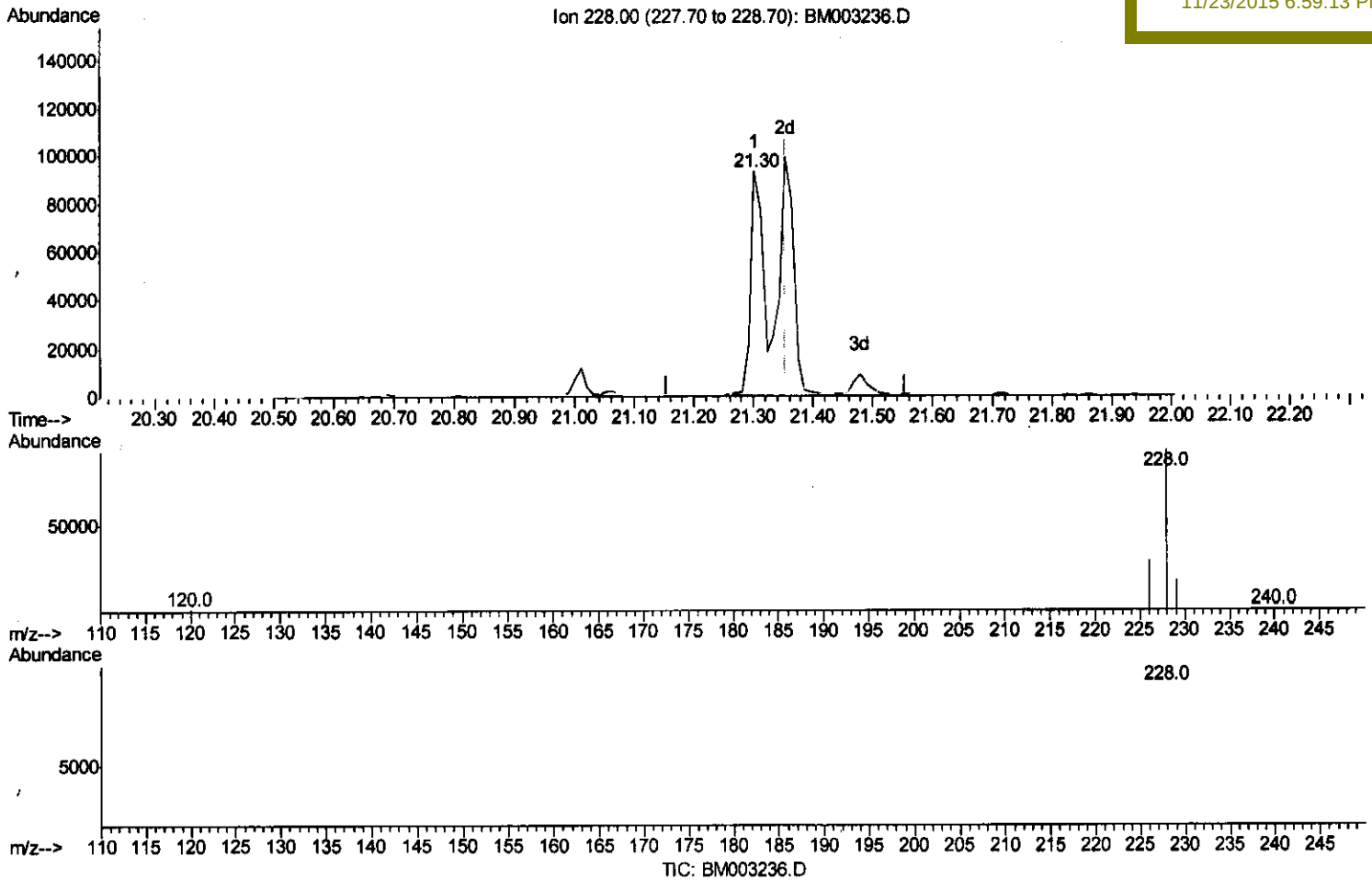
Data Path : Z:\HPCHEM1\BNA M\Data\BM112015\
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 Operator : UM/IZ
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 ALS Vial : 21 Sample Multiplier: 1

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(21) Chrysene

21.302min (-0.052) 0.73ng/ul

response 132955

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	31.05
229.00	21.30	18.93
0.00	0.00	0.00

Quantitation Report (Qedit)

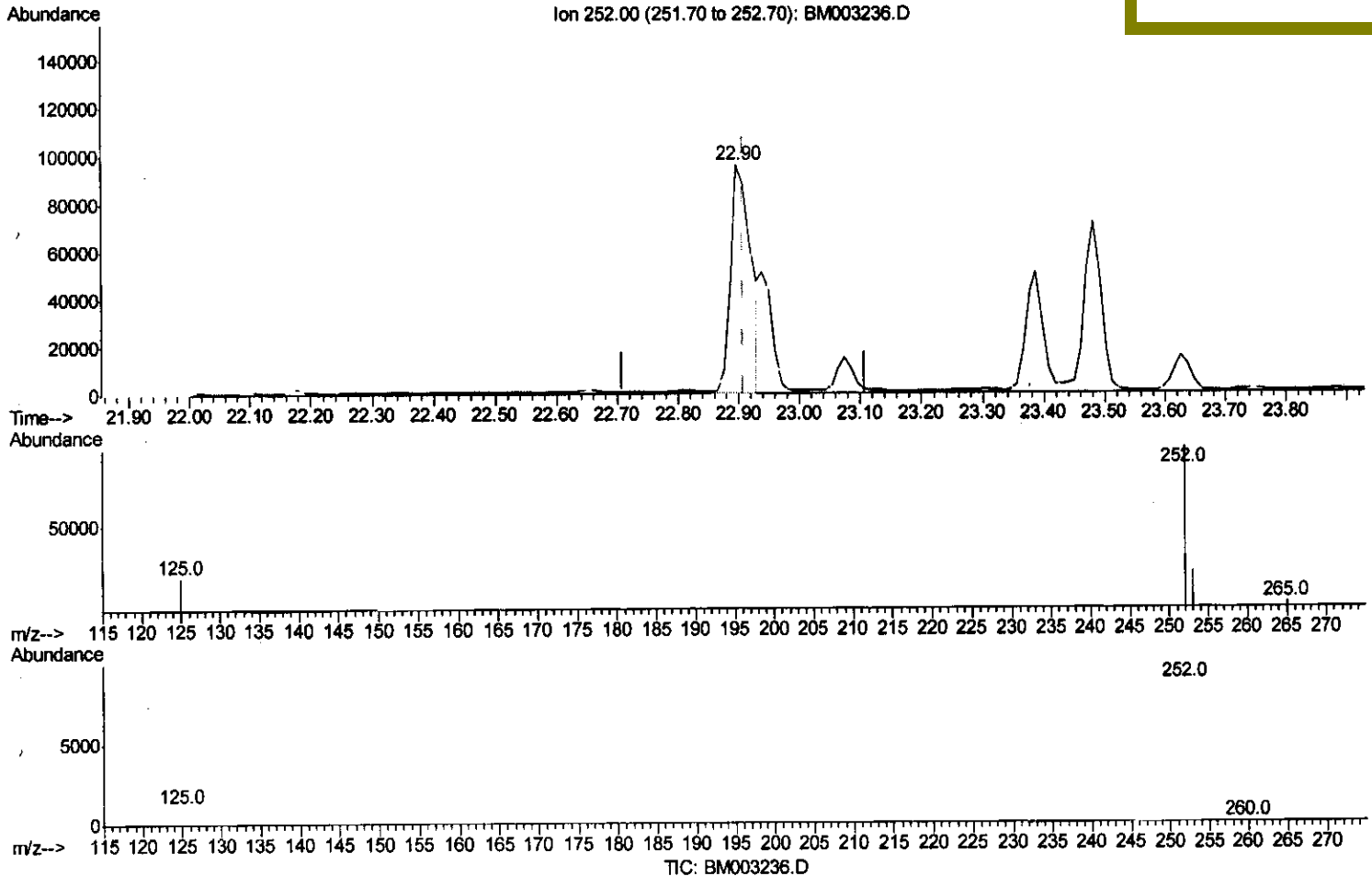
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 Operator : UM/IZ
 Sample : G4322-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
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 APPROVED

Mmdadoda
 11/23/2015 6:59:13 PM



(23) Benzo(b)fluoranthene

22.897min (-0.011) 1.04ng/ul m

response 221274

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.71
125.00	14.40	20.36
0.00	0.00	0.00

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 11/24/15

Quantitation Report (Qedit)

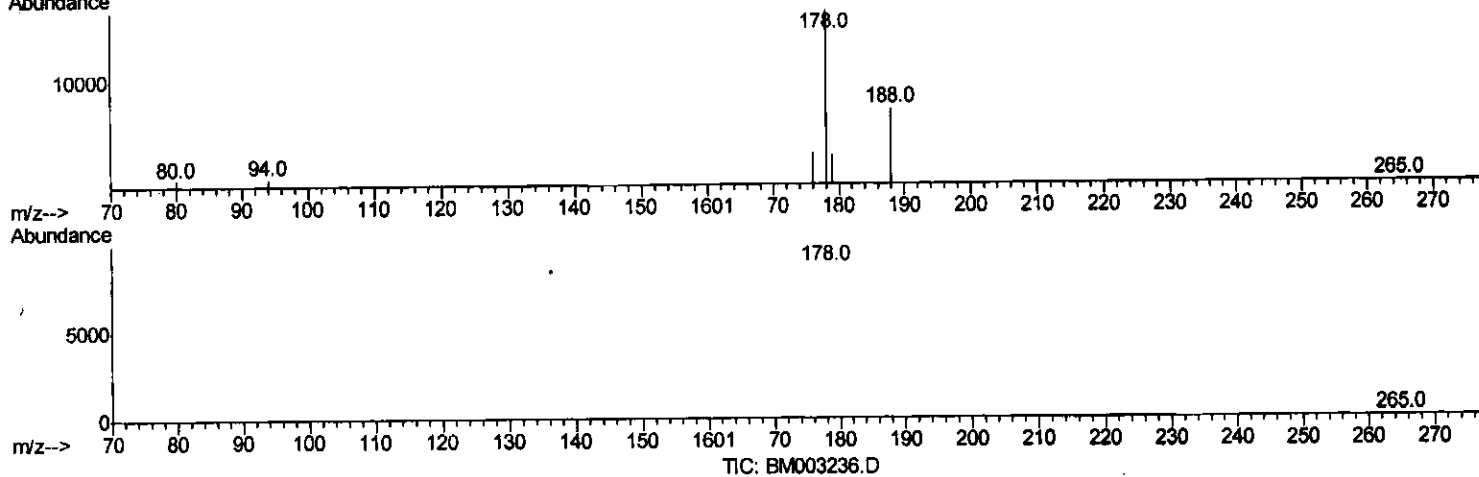
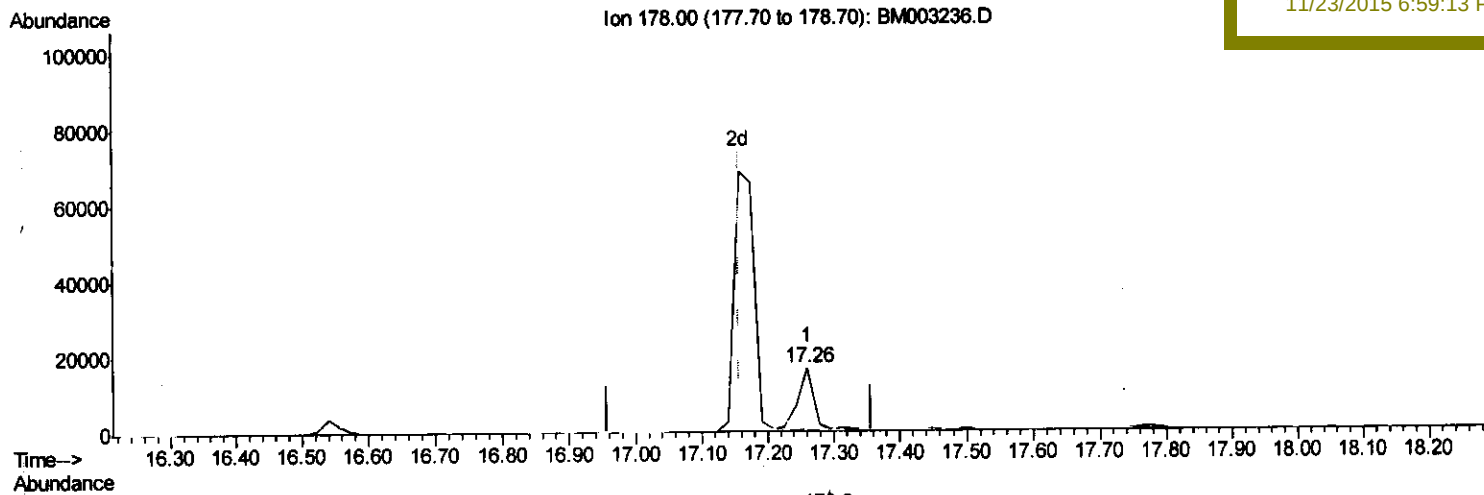
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(14) Phenanthrene

17.260min (+0.103) 0.16ng/ul

response 25262

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	17.92
179.00	17.70	17.46
0.00	0.00	0.00

Quantitation Report (Qedit)

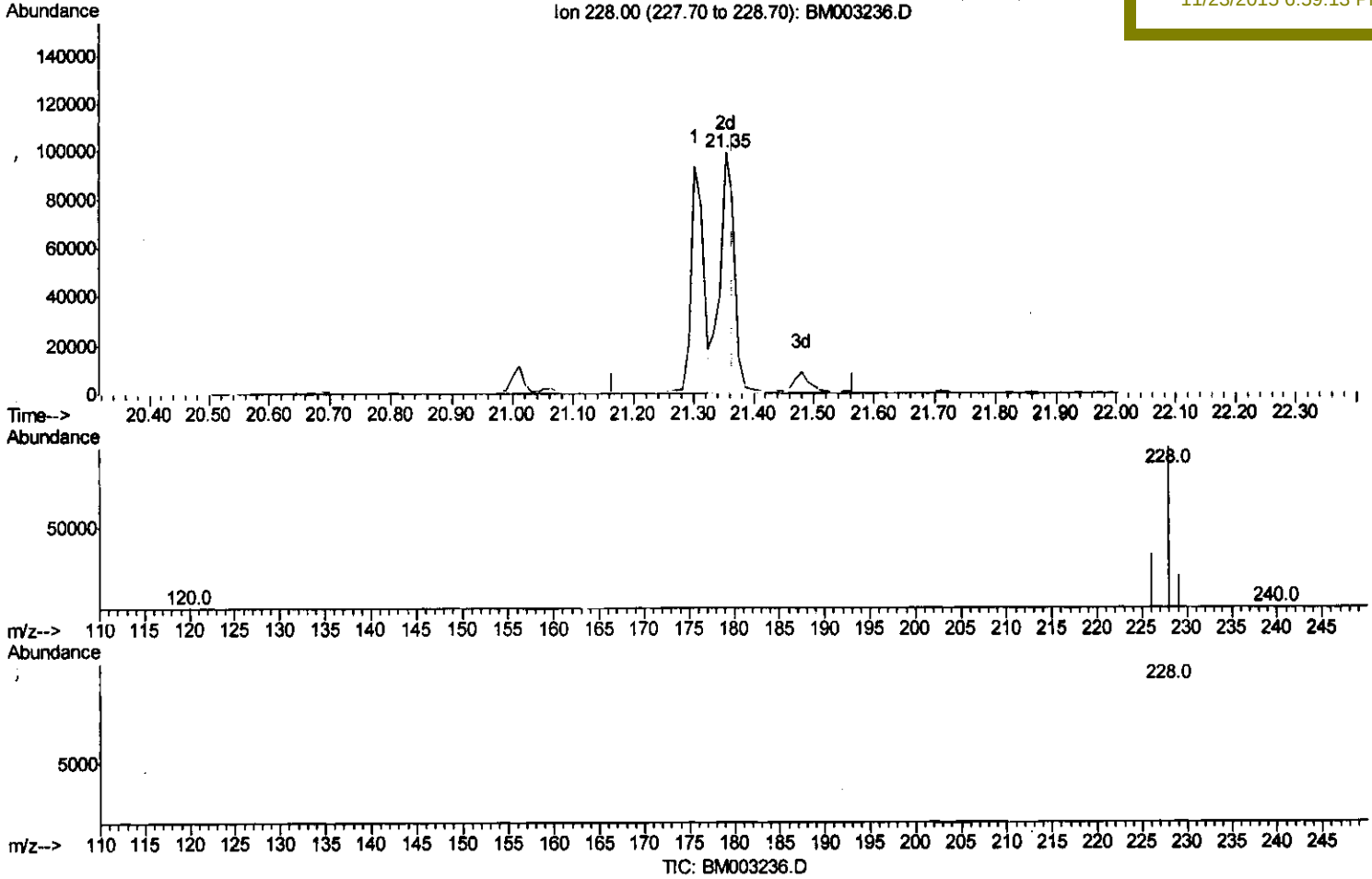
Data Path : Z:\HPCHEM1\BNA M\Data\BM112015\
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Instrument :
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(21) Chrysene

21.354min (-0.011) 0.91ng/ul m

response 166514

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	33.02#
229.00	21.30	20.33
0.00	0.00	0.00

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 11/24/15

Quantitation Report (Qedit)

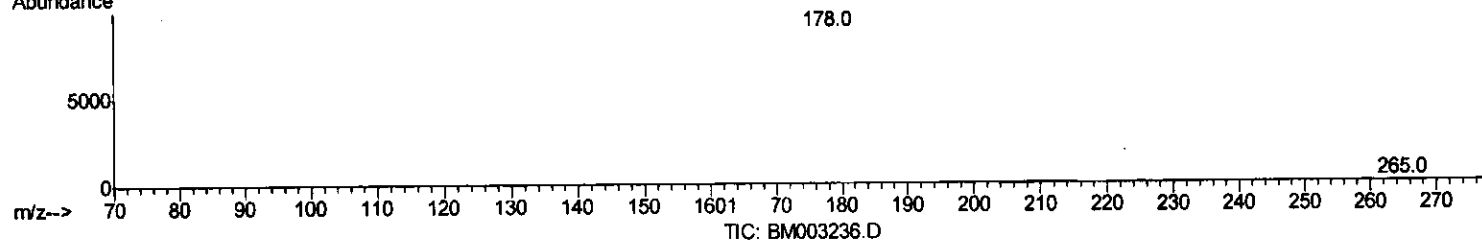
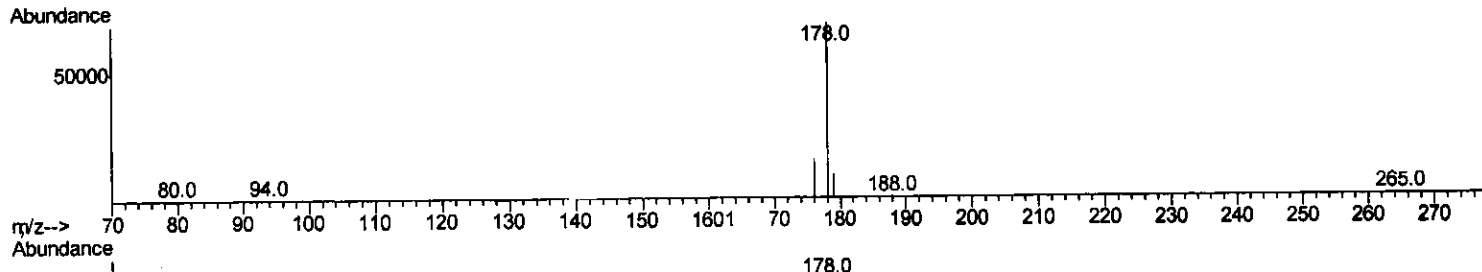
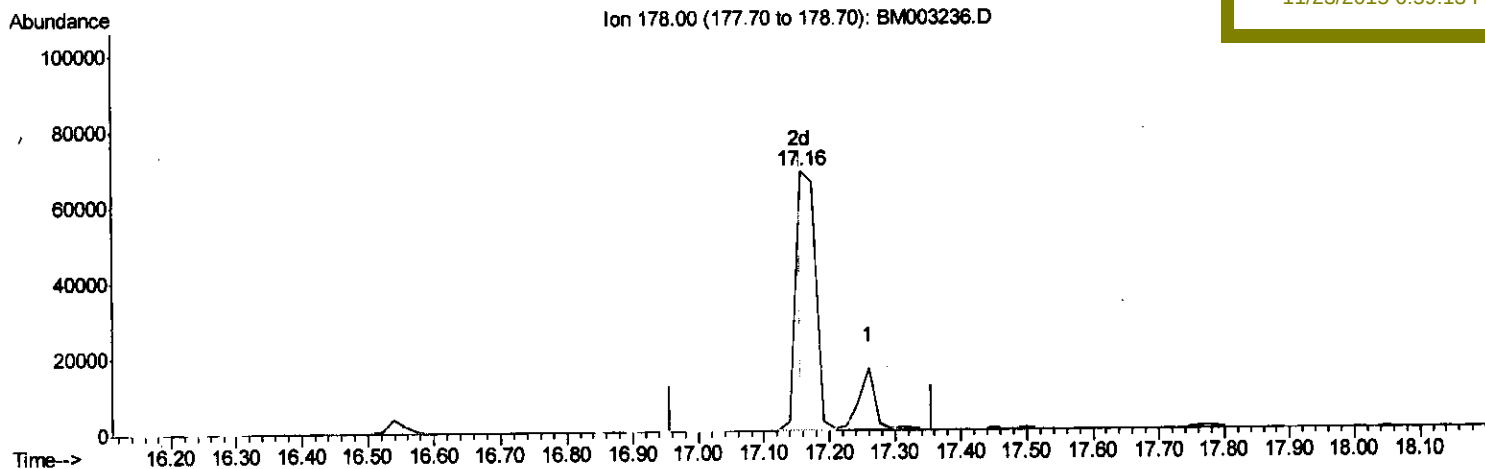
Data Path : Z:\HPCHEM1\BNA M\Data\BM112015\
 Data File : BM003236.D
 Acq On : 21 Nov 2015 00:08
 Operator : UM/I2
 Sample : G4322-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Nov 23 11:51:20 2015
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Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 6:59:13 PM



(14) Phenanthrene

17.157min (-0.000) 0.89ng/ul m

response 144169

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	22.78#
179.00	17.70	13.52#
0.00	0.00	0.00

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 11/24/15

Data Path : Z:\HPCHEM1\BNA M\Data\BM112015\
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 Acq On : 21 Nov 2015 00:08
 Operator : UM/IZ
 Sample : G4322-18
 Misc :
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Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	13755	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	53172	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	28113	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	55766	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	56077	0.40	ng/ul	-0.01
22) Perylene-d12	23.58	264	56011	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	43503	2.96	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	11450	0.16	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	19613	0.14	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.57	128	10269	0.08	ng/ul#	95
9) Acenaphthylene	14.09	152	12659	0.11	ng/ul	97
10) Acenaphthene	14.43	153	4596	0.05	ng/ul#	76
11) Fluorene	15.44	166	5952	0.06	ng/ul#	95
13) Pentachlorophenol	16.78	266	1257	0.10	ng/ul	94
14) Phenanthrene	17.16	178	144169m	0.89	ng/ul	
15) Anthracene	17.26	178	27656	0.20	ng/ul	98
17) Fluoranthene	19.19	202	324545	1.81	ng/ul	99
19) Pyrene	19.55	202	281786	1.47	ng/ul	99
20) Benzo(a)anthracene	21.30	228	132955	0.82	ng/ul#	89
21) Chrysene	21.35	228	166514m	0.91	ng/ul	
23) Benzo(b)fluoranthene	22.90	252	221274m	1.04	ng/ul	
25) Benzo(a)pyrene	23.48	252	135601	0.72	ng/ul	99
26) Indeno(1,2,3-cd)pyrene	25.86	276	99669	0.44	ng/ul#	93
27) Dibenzo(a,h)anthracene	25.87	278	24312	0.13	ng/ul#	82
28) Benzo(a,h,i)perylene	26.56	276	77243	0.39	ng/ul	99

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

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 11/24/15