

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003228.D
 Acq On : 20 Nov 2015 19:20
 Operator : UM/IZ
 Sample : G4323-31DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J60DL

Quant Time: Nov 23 11:02:45 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
 APPROVED

Mmdadoda
 11/23/2015 6:58:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	13437	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	51247	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	25921	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	54431	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	54395	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	53483	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	7773	0.54	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	2082	0.03	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	3673	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Acenaphthylene	14.09	152	5225	0.05	ng/ul#	93
10) Acenaphthene	14.45	153	1720	0.02	ng/ul#	94
11) Fluorene	15.44	166	2579m →	0.03	ng/ul	
13) Pentachlorophenol	16.78	266	1013	0.08	ng/ul	96
14) Phenanthrene	17.16	178	48045	0.30	ng/ul#	88
15) Anthracene	17.26	178	8951	0.07	ng/ul	94
17) Fluoranthene	19.19	202	104710	0.60	ng/ul	99
19) Pyrene	19.55	202	96895	0.52	ng/ul	99
20) Benzo(a)anthracene	21.31	228	44991	0.29	ng/ul	95
21) Chrysene	21.36	228	52030	0.29	ng/ul	97
23) Benzo(b)fluoranthene	22.91	252	78432m →	0.39	ng/ul	
24) Benzo(k)fluoranthene	22.95	252	20354m →	0.11	ng/ul	
25) Benzo(a)pyrene	23.49	252	45638	0.25	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	25.87	276	33281	0.15	ng/ul#	93
27) Dibenzo(a,h)anthracene	25.88	278	8545	0.05	ng/ul#	69
28) Benzo(a,h,i)perylene	26.57	276	31492	0.17	ng/ul	97

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

U.M
 11/25/15

Quantitation Report (Qedit)

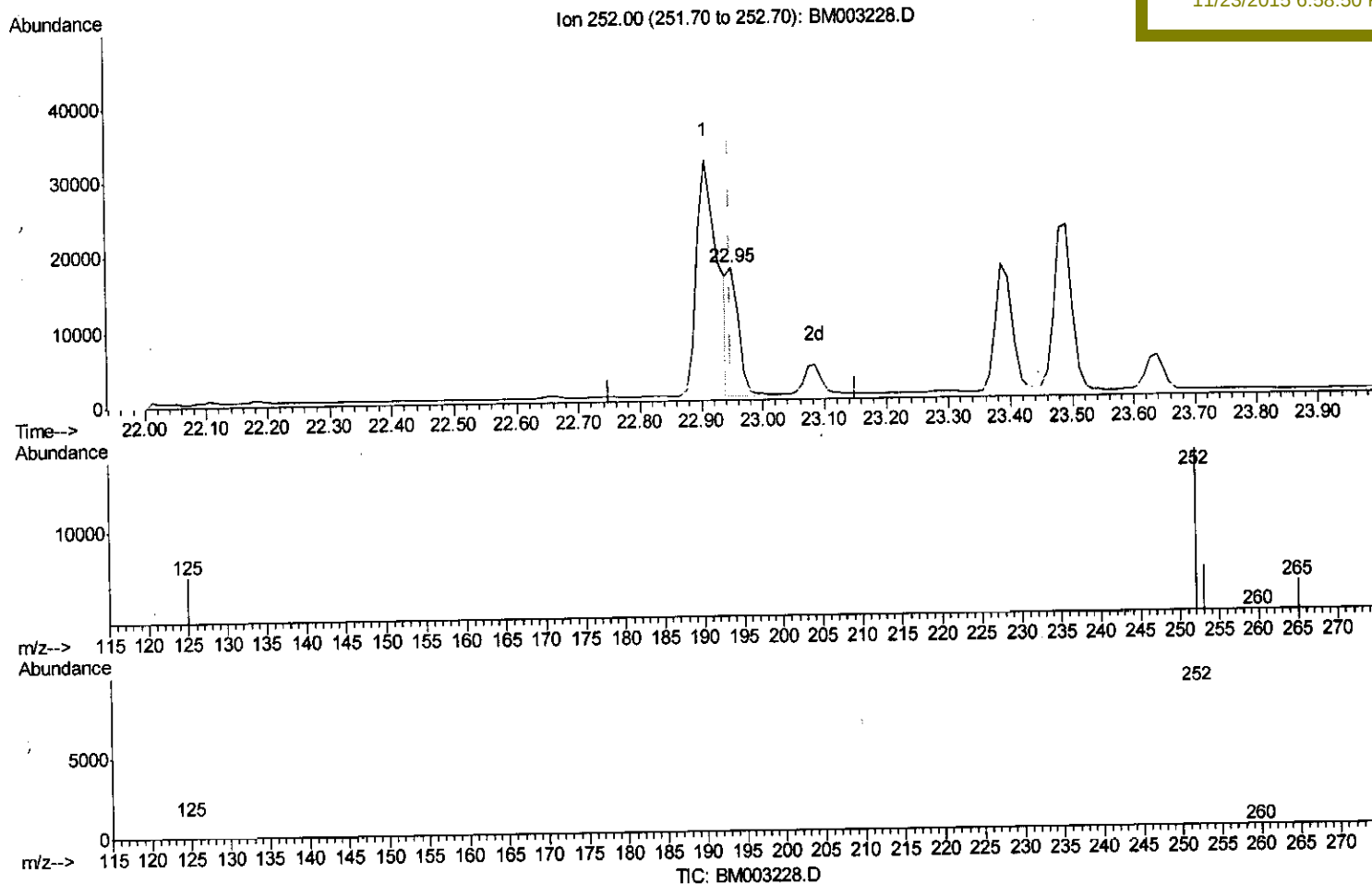
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003228.D
 Acq On : 20 Nov 2015 19:20
 Operator : UM/IZ
 Sample : G4323-31DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A4J60DL

Quant Time: Nov 21 04:26:11 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
 APPROVED

Mmdadoda
 11/23/2015 6:58:50 PM



(24) Benzo(k)fluoranthene

22.949min (-0.000) 0.11ng/ul m

response 20354

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	28.27
125.00	13.00	28.63#
0.00	0.00	0.00

U.M
 11/25/15

Quantitation Report (Qedit)

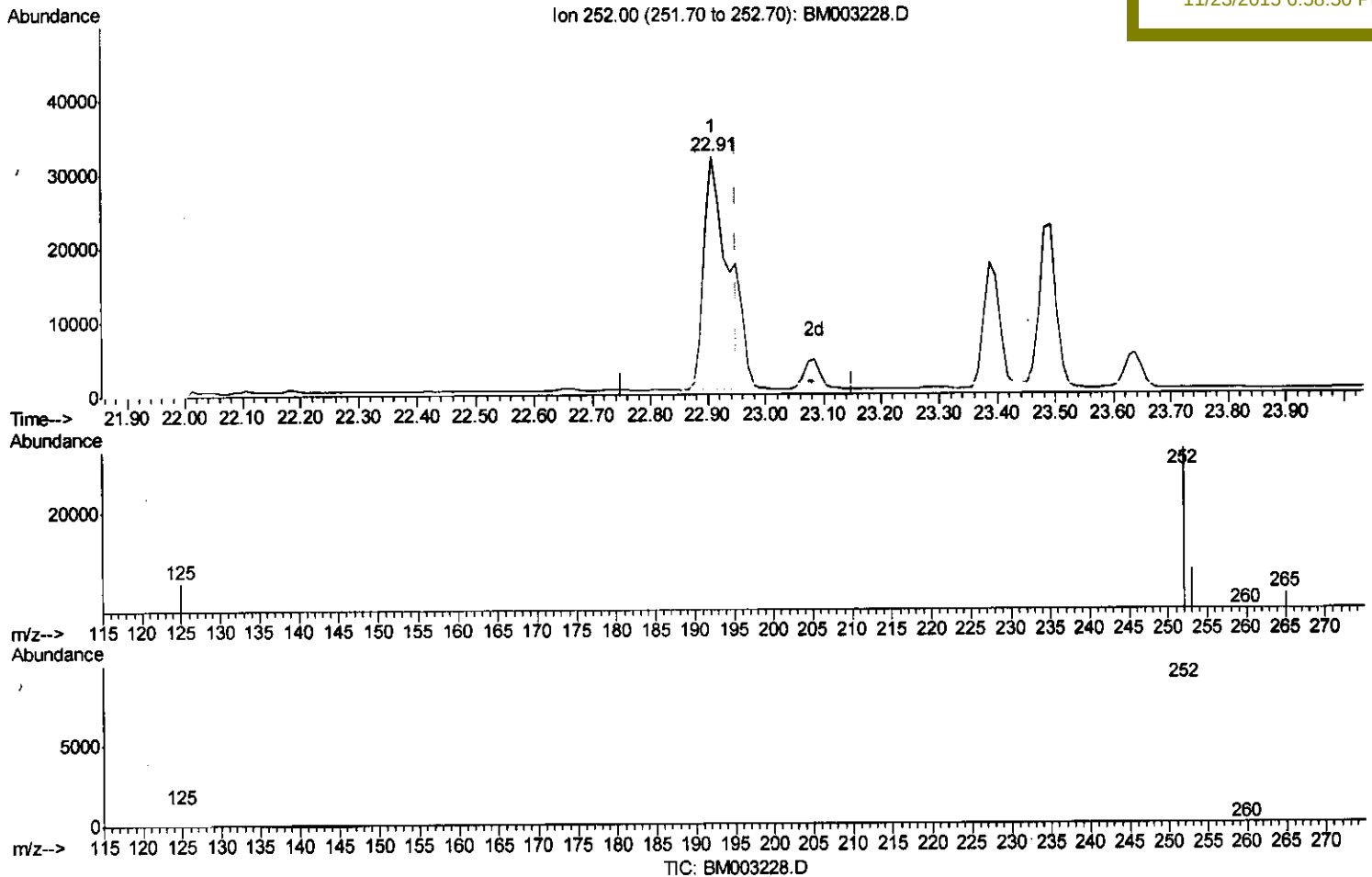
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003228.D
 Acq On : 20 Nov 2015 19:20
 Operator : UM/IZ
 Sample : G4323-31DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J60DL

Quant Time: Nov 21 04:26:11 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
 APPROVED

Mmdadoda
 11/23/2015 6:58:50 PM



(24) Benzo(k)fluoranthene

22.907min (-0.042) 0.50ng/ul

response 95751

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	25.26
125.00	13.00	18.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

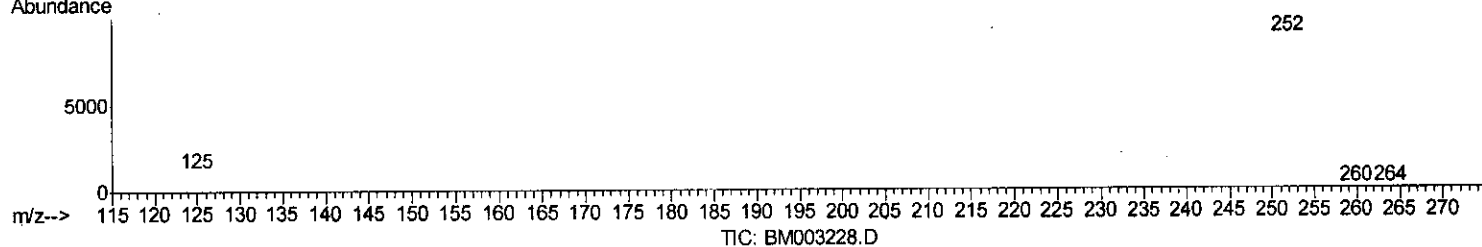
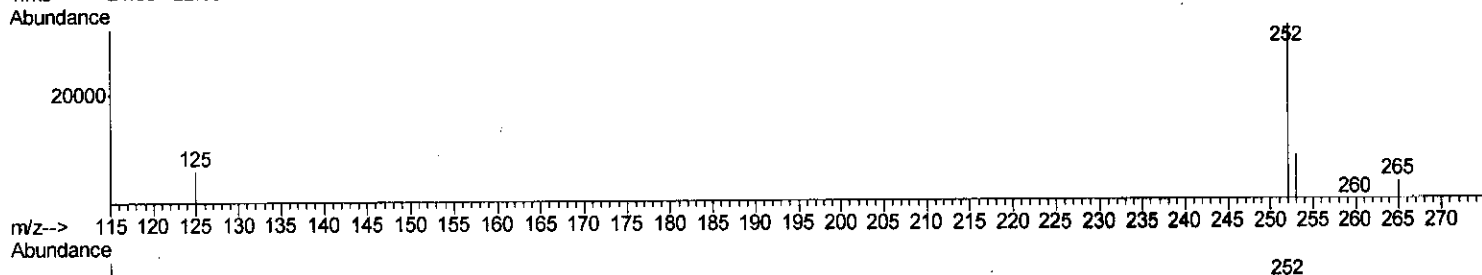
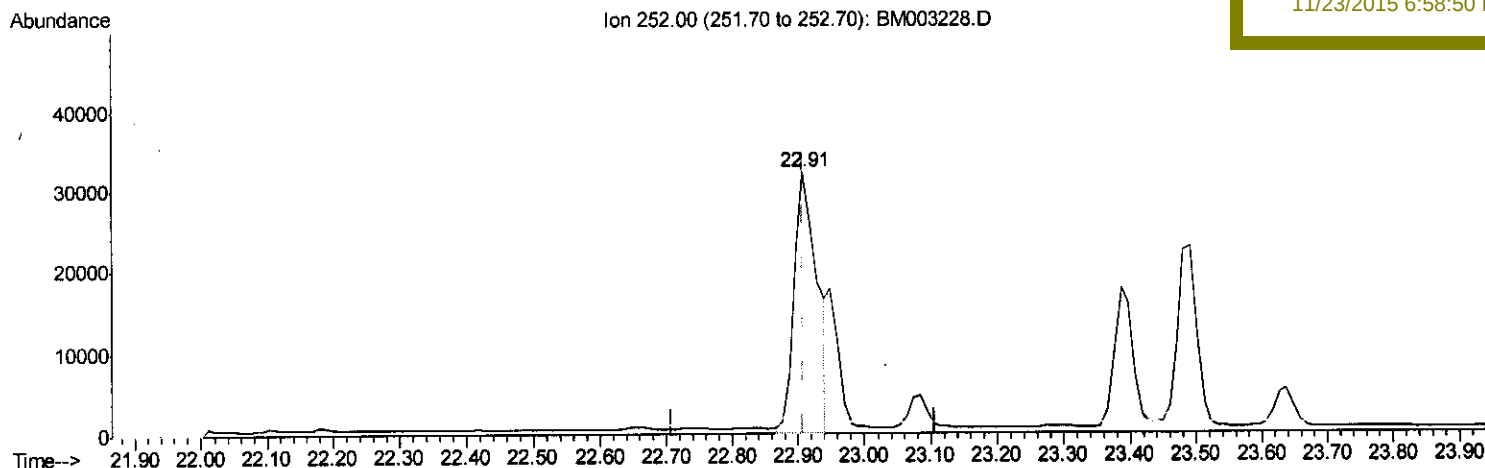
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003228.D
 Acq On : 20 Nov 2015 19:20
 Operator : UM/IZ
 Sample : G4323-31DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A4J60DL

Quant Time: Nov 21 04:26:11 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
 APPROVED

Mmdadoda
 11/23/2015 6:58:50 PM



(23) Benzo(b)fluoranthene

22.907min (-0.000) 0.39ng/ul m

response 78432

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	25.26
125.00	14.40	18.27
0.00	0.00	0.00

U.M
 11/25/15

Quantitation Report (Qedit)

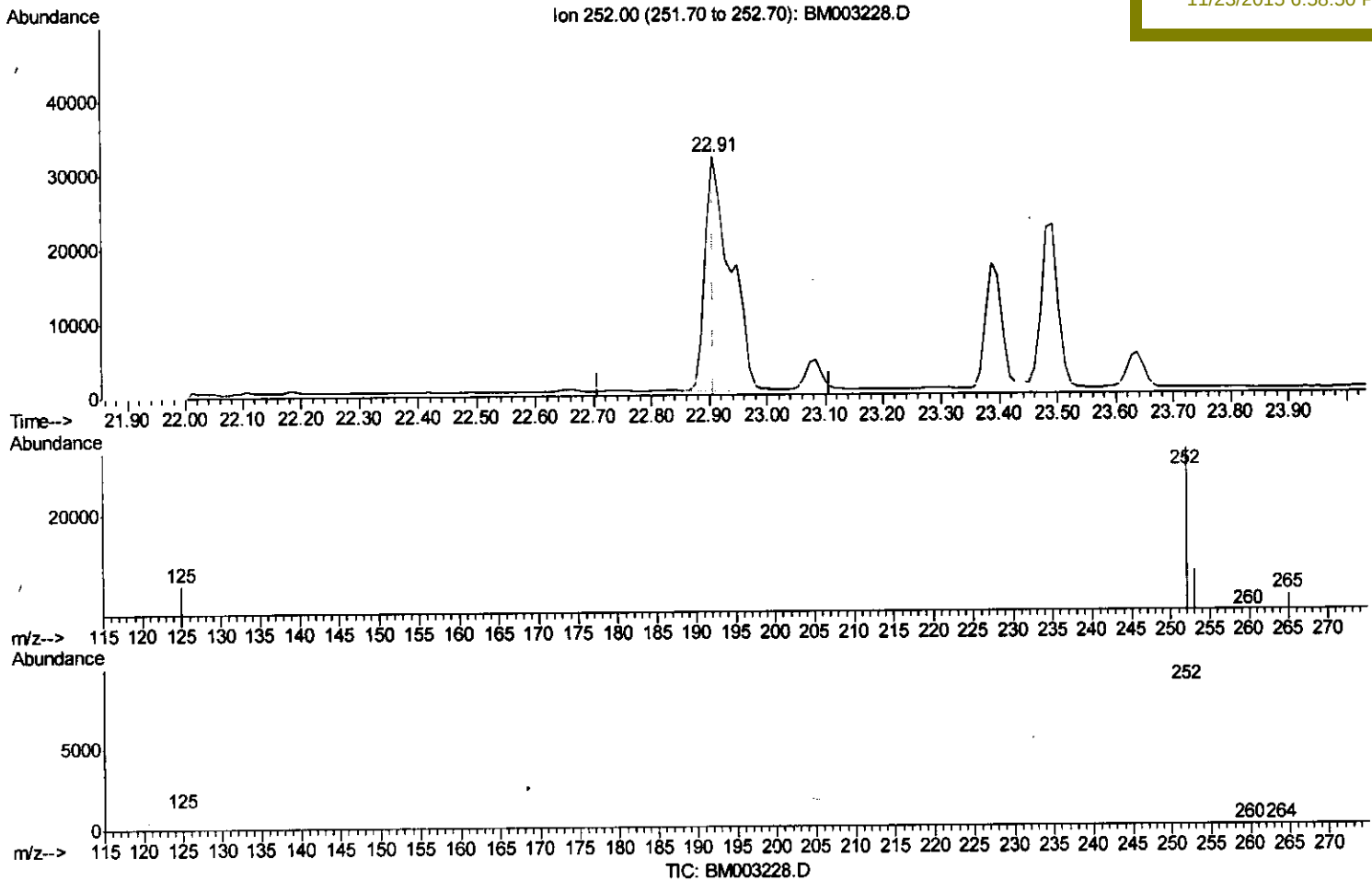
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003228.D
 Acq On : 20 Nov 2015 19:20
 Operator : UM/IZ
 Sample : G4323-31DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A4J60DL

Quant Time: Nov 21 04:26:11 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
 APPROVED

Mmdadoda
 11/23/2015 6:58:50 PM



(23) Benzo(b)fluoranthene

22.907min (-0.000) 0.47ng/ul

response 95751

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	25.26
125.00	14.40	18.27
0.00	0.00	0.00

Quantitation Report (Qedit)

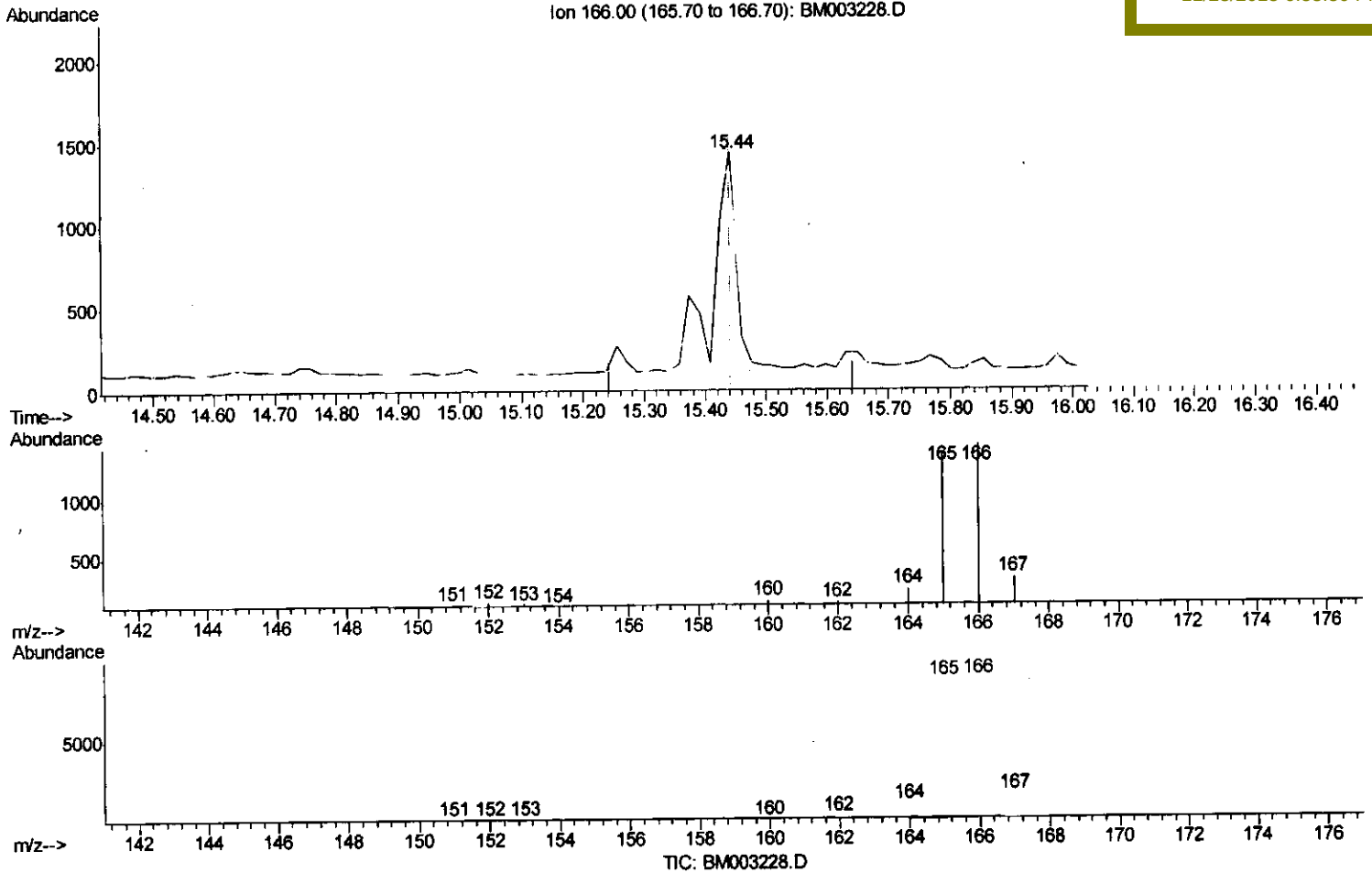
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003228.D
 Acq On : 20 Nov 2015 19:20
 Operator : UM/IZ
 Sample : G4323-31DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J60DL

Quant Time: Nov 21 04:26:11 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
 APPROVED

Mmdadoda
 11/23/2015 6:58:50 PM



(11) Fluorene

15.443min (-0.000) 0.03ng/ul m

response 2579

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	94.03
167.00	14.90	22.08#
0.00	0.00	0.00

U.M
 11/25/15

Quantitation Report (Qedit)

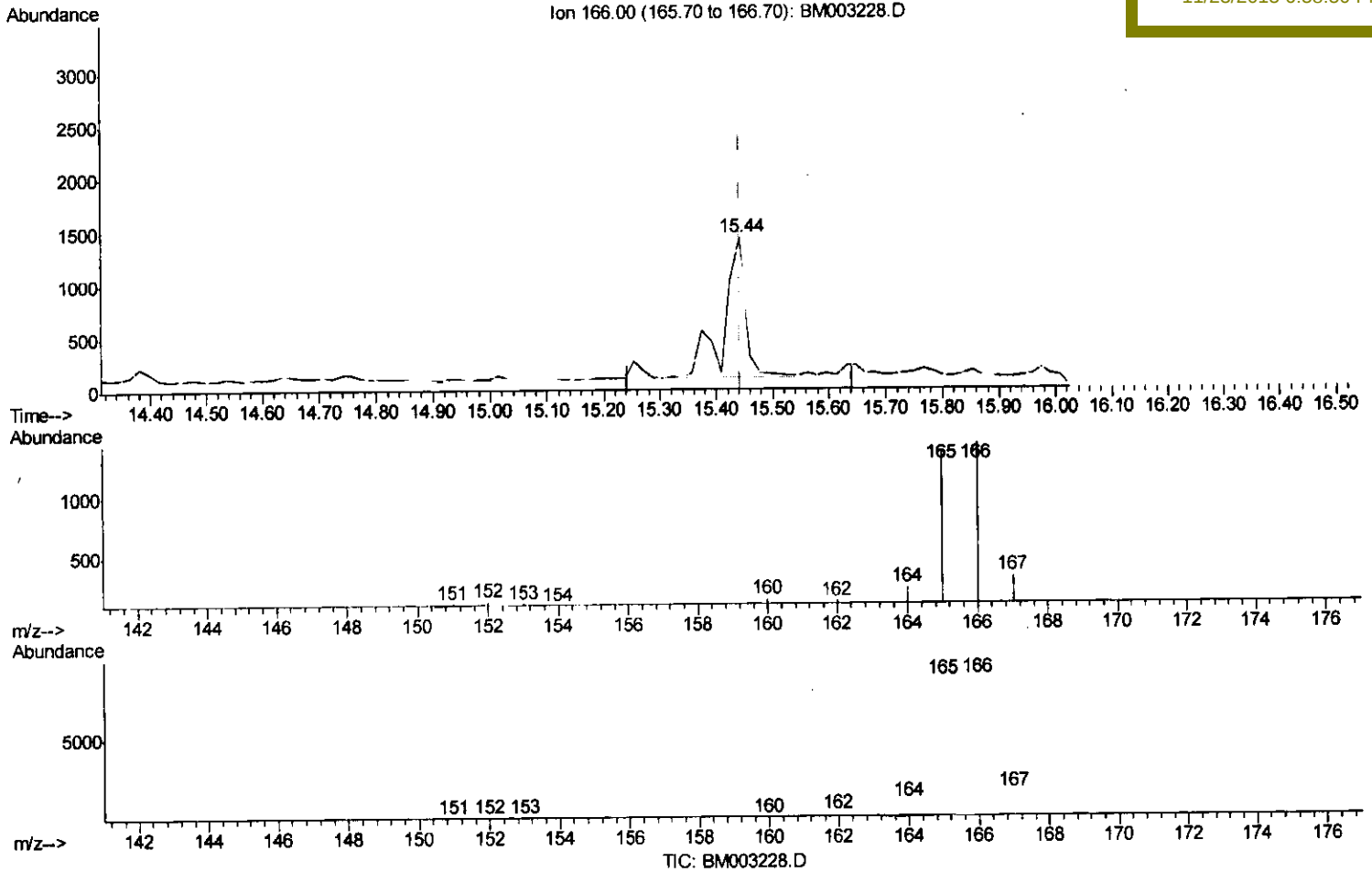
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003228.D
 Acq On : 20 Nov 2015 19:20
 Operator : UM/IZ
 Sample : G4323-31DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J60DL

Quant Time: Nov 21 04:26:11 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
 APPROVED

Mmdadoda
 11/23/2015 6:58:50 PM



(11) Fluorene

15.443min (-0.000) 0.04ng/ul

response 3551

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	94.03
167.00	14.90	22.08#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
Data File : BM003228.D
Acq On : 20 Nov 2015 19:20
Operator : UM/IZ
Sample : G4323-31DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 23 11:02:45 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

Instrument :
BNA_M
ClientSampleId :
A4J60DL

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:58:50 PM

