

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003231.D
 Acq On : 20 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4322-06RXDL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7DL

Quant Time: Nov 21 05:00:19 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 6:58:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	14337	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	55815	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	27628	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	56681	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	55604	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	55169	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	8298	0.54	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	2003	0.03	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	4303	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.58	128	88763	0.62	ng/ul	99
7) 2-Methylnaphthalene	12.19	142	9392	0.10	ng/ul#	100
9) Acenaphthylene	14.09	152	13438	0.12	ng/ul	97
10) Acenaphthene	14.45	153	2297	0.02	ng/ul#	87
11) Fluorene	15.44	166	4998m	0.05	ng/ul	93
13) Pentachlorophenol	16.78	266	980	0.07	ng/ul	97
14) Phenanthrene	17.16	178	98830m	0.60	ng/ul	97
15) Anthracene	17.26	178	22876	0.17	ng/ul	97
17) Fluoranthene	19.19	202	157029	0.86	ng/ul	98
19) Pyrene	19.55	202	143062	0.75	ng/ul	87
20) Benzo(a)anthracene	21.31	228	93604	0.58	ng/ul#	93
21) Chrysene	21.36	228	85078	0.47	ng/ul#	93
23) Benzo(b)fluoranthene	22.91	252	119756m	0.57	ng/ul	88
24) Benzo(k)fluoranthene	22.95	252	30264m	0.15	ng/ul	94
25) Benzo(a)pyrene	23.48	252	79343	0.43	ng/ul#	59
26) Indeno(1,2,3-cd)pyrene	25.87	276	56728	0.26	ng/ul#	96
27) Dibenzo(a,h)anthracene	25.88	278	14793	0.08	ng/ul#	
28) Benzo(g,h,i)perylene	26.57	276	54873	0.28	ng/ul	

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

U.M
 11/24/15

Quantitation Report (Qedit)

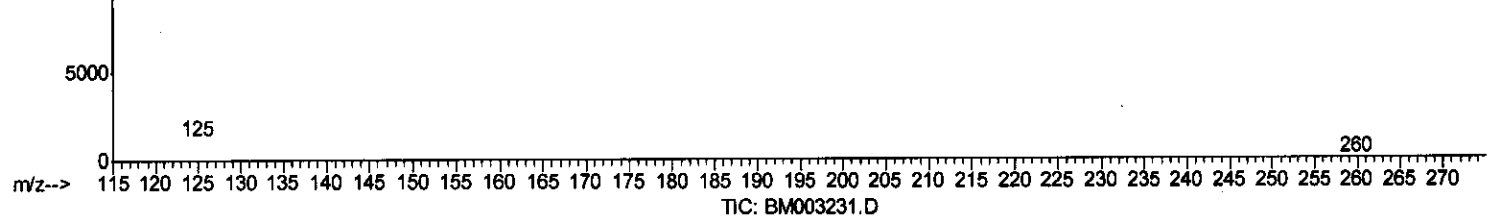
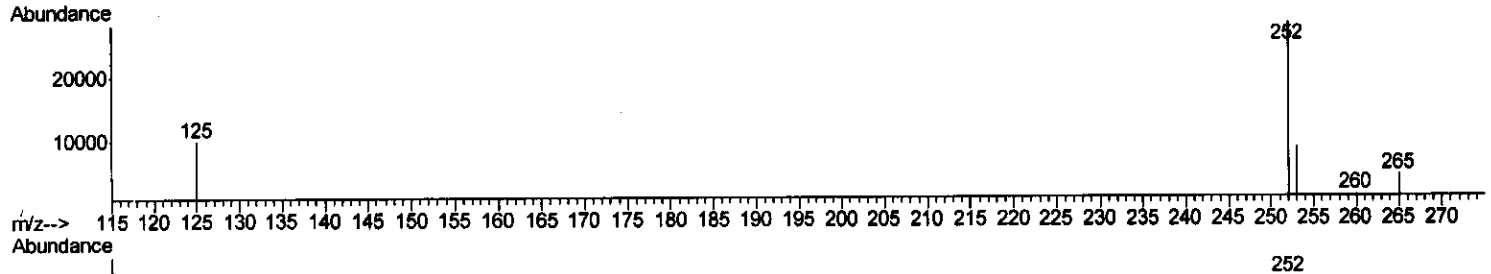
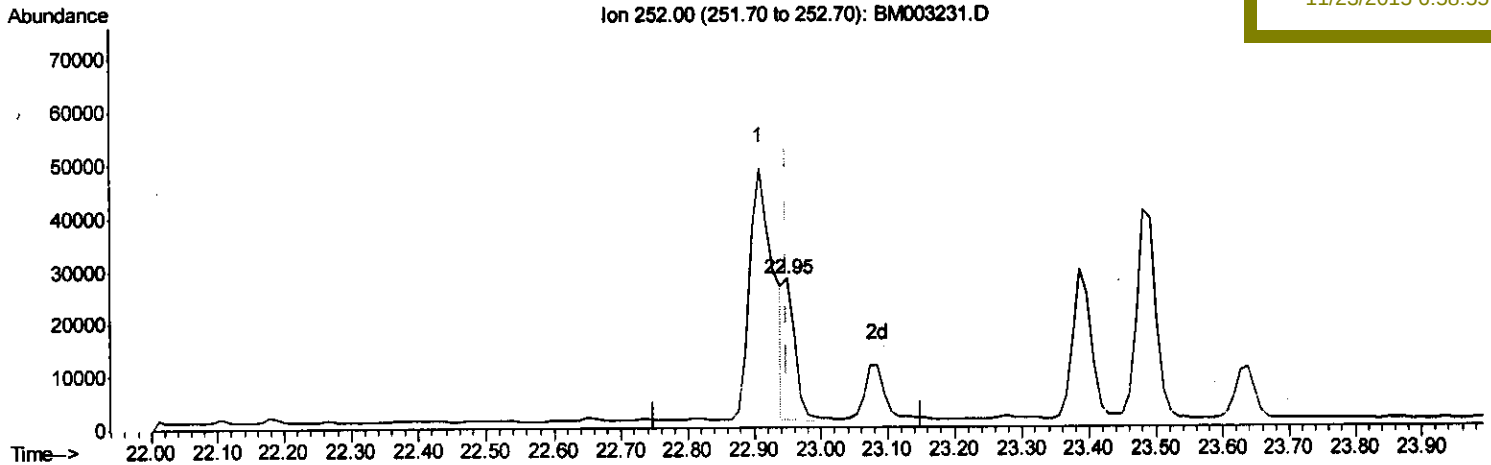
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003231.D
 Acq On : 20 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4322-06RXDL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7DL

Quant Time: Nov 21 04:27:05 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 6:58:55 PM



(24) Benzo(k)fluoranthene

22.949min (-0.000) 0.15ng/ul m

response 30264

Ion Exp% Act%

252.00 100 100

253.00 24.80 30.30#

125.00 13.00 34.97#

0.00 0.00 0.00

U.M
 11/24/15

Quantitation Report (Qedit)

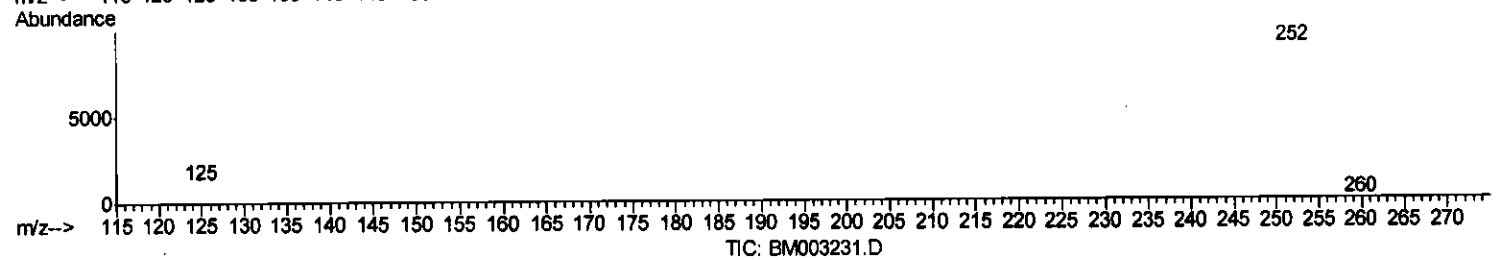
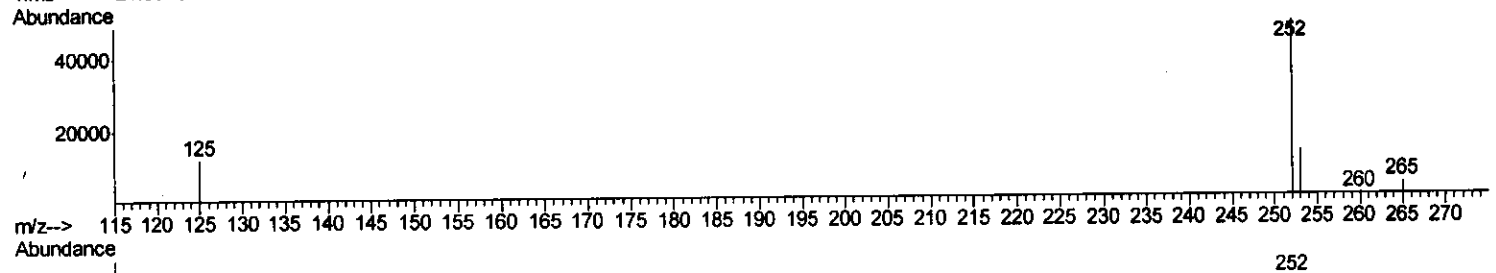
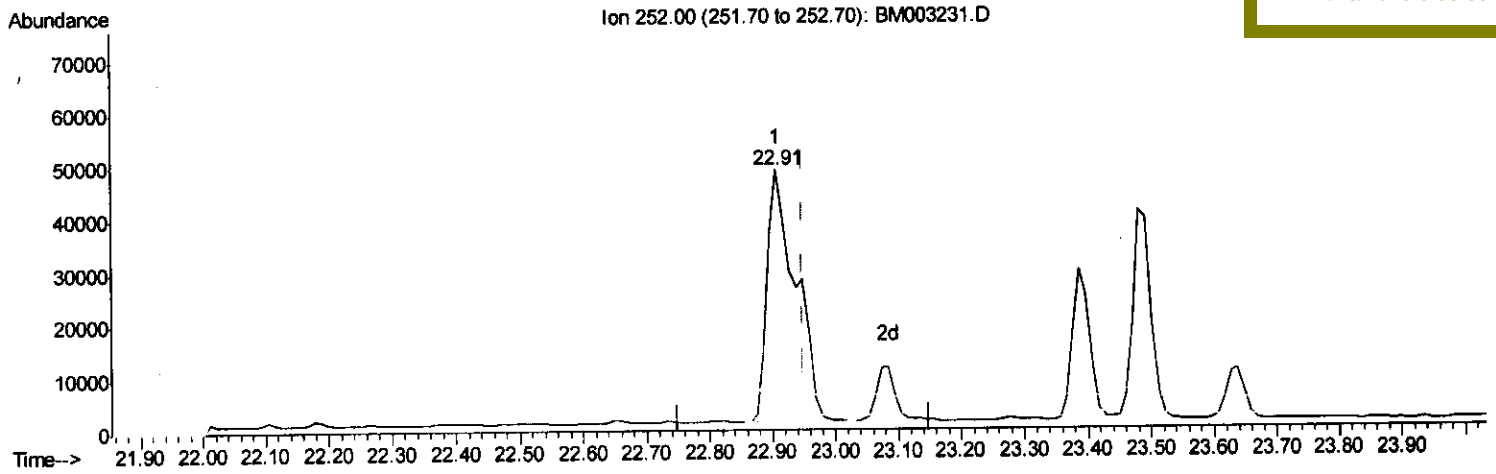
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003231.D
 Acq On : 20 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4322-06RXDL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 A4HR7DL

Quant Time: Nov 21 04:27:05 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 6:58:55 PM



(24) Benzo(k)fluoranthene
 22.907min (-0.042) 0.75ng/ul
 response 149020

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	26.44
125.00	13.00	24.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

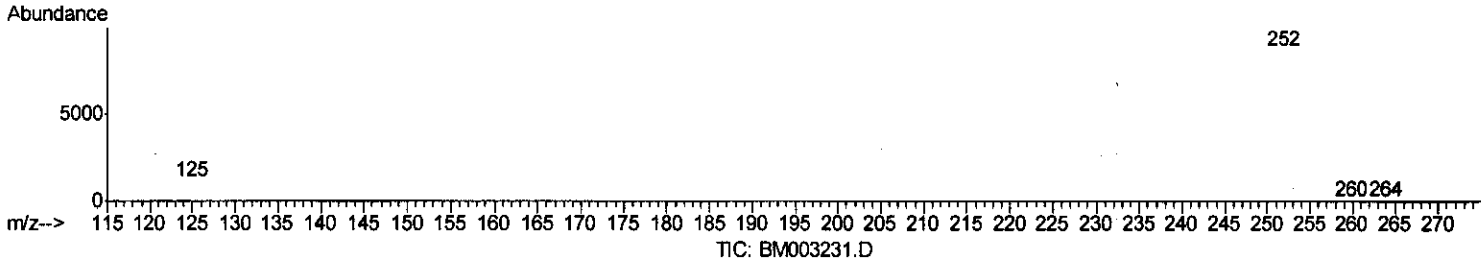
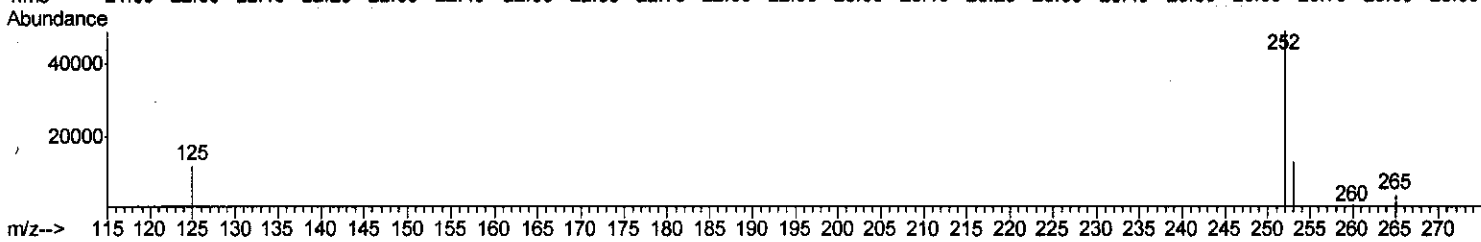
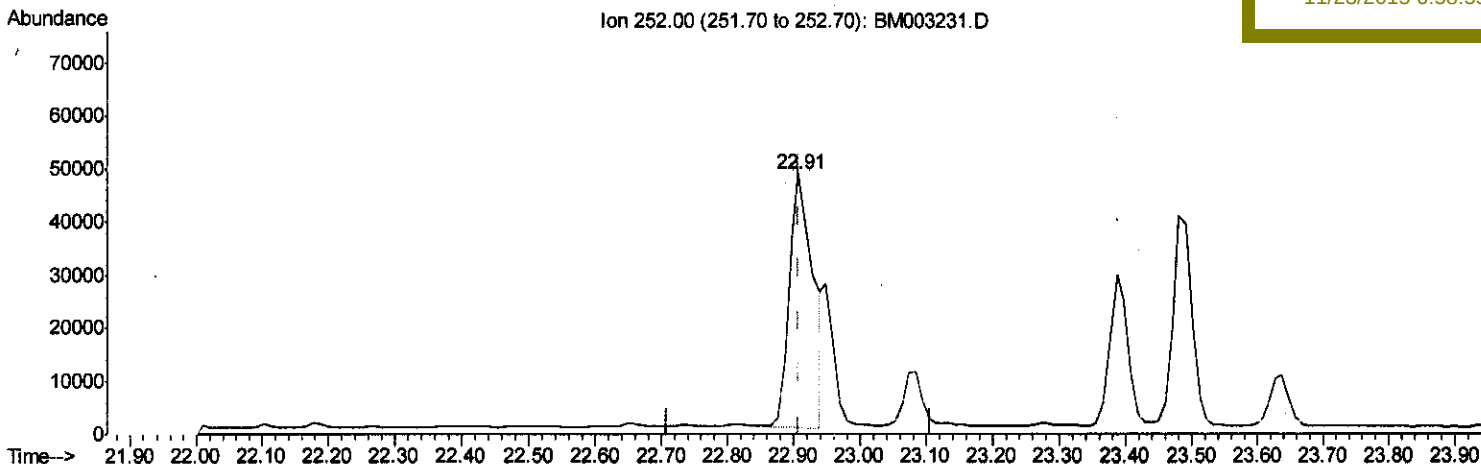
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003231.D
 Acq On : 20 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4322-06RXDL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7DL

Quant Time: Nov 21 04:27:05 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 6:58:55 PM



(23) Benzo(b)fluoranthene

22.907min (-0.000) 0.57ng/ul m

response 119756

ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.44
125.00	14.40	24.34
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

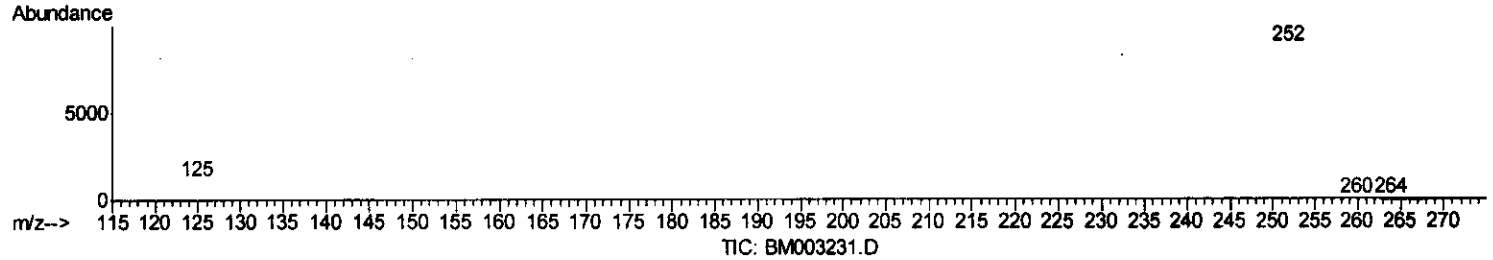
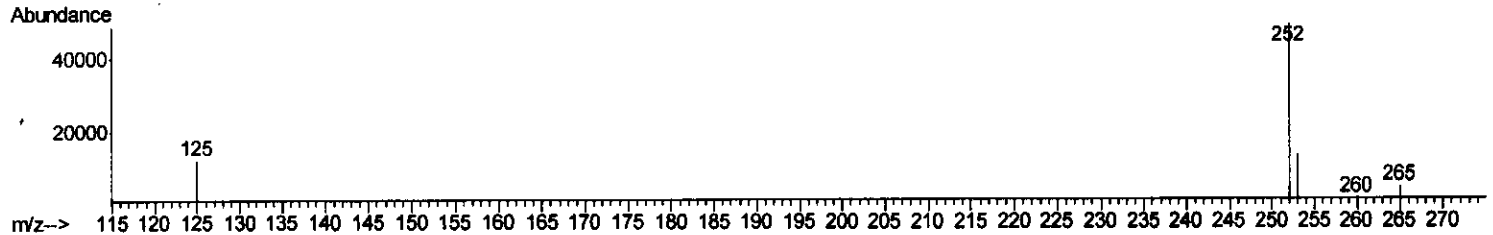
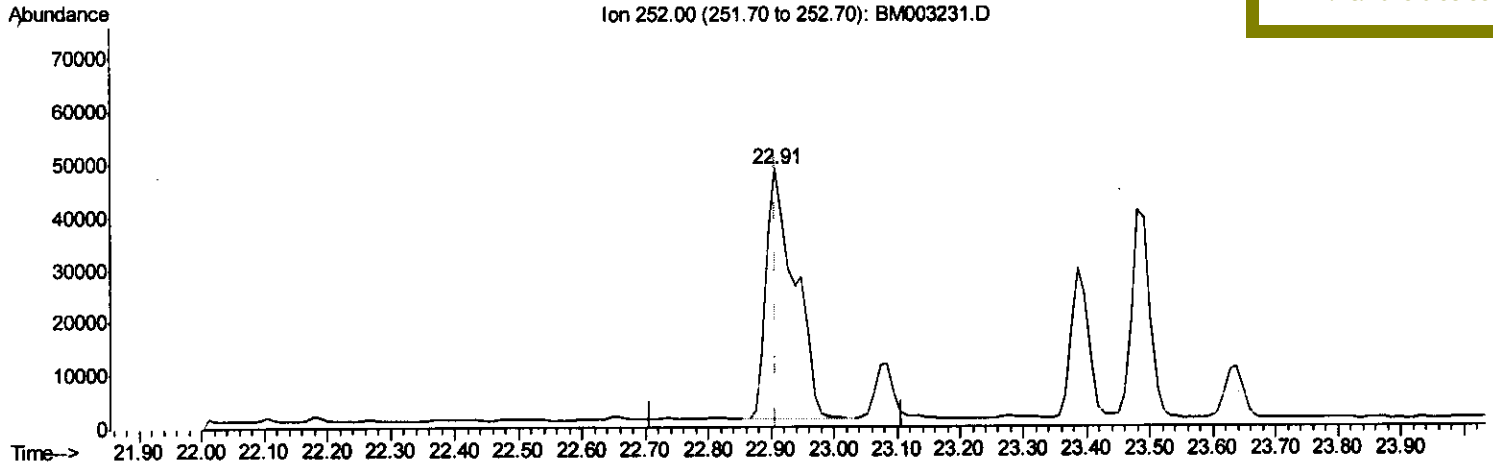
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003231.D
 Acq On : 20 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4322-06RXDL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7DL

Quant Time: Nov 21 04:27:05 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 6:58:55 PM



(23) Benzo(b)fluoranthene

22.907min (-0.000) 0.71ng/ul

response 149020

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.44
125.00	14.40	24.34
0.00	0.00	0.00

Quantitation Report (Qedit)

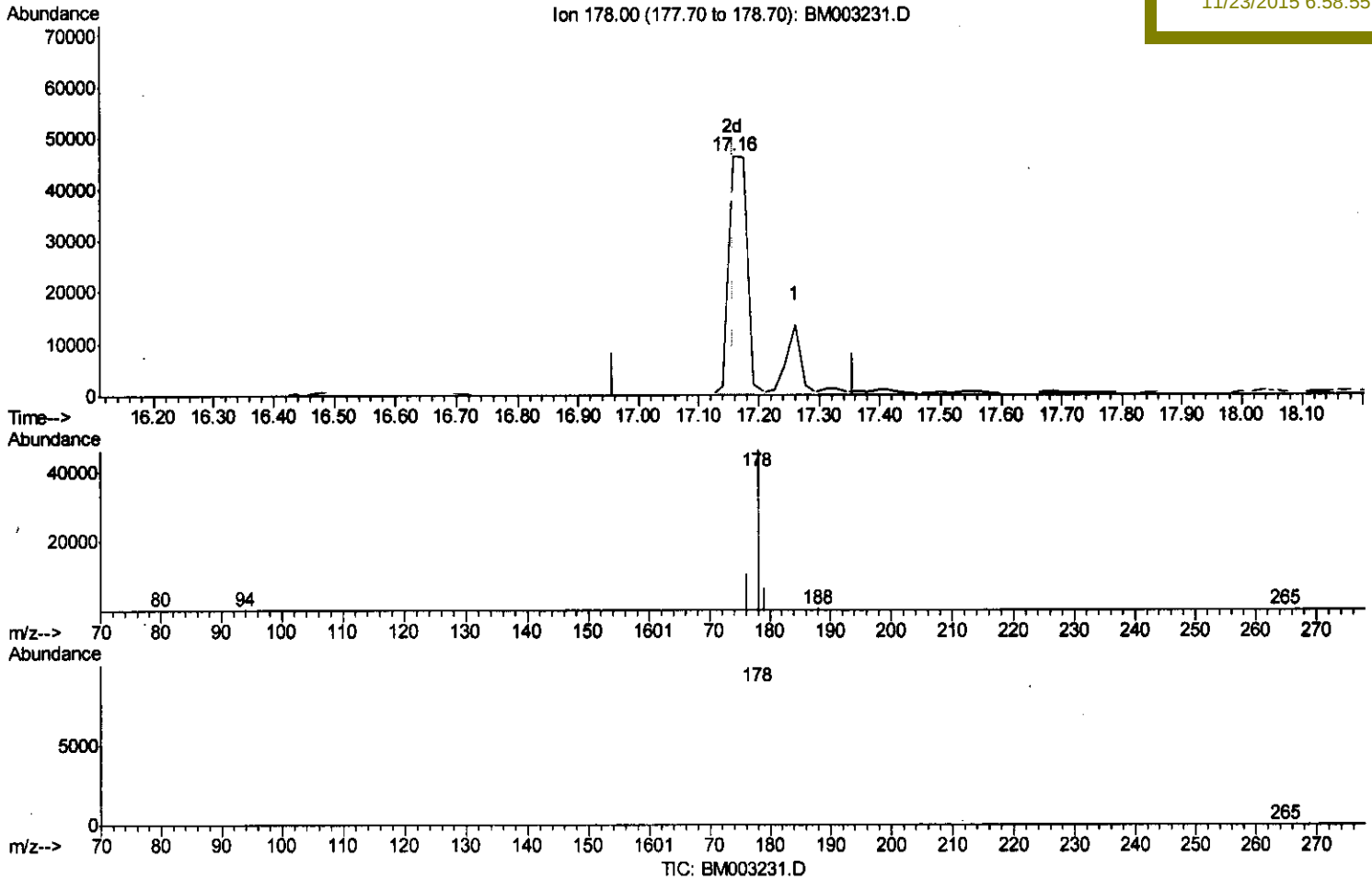
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003231.D
 Acq On : 20 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4322-06RXDL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7DL

Quant Time: Nov 21 04:27:05 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 6:58:55 PM



(14) Phenanthrene

17.157min (-0.000) 0.60ng/ul m

response 98830

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	22.46#
179.00	17.70	13.55#
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

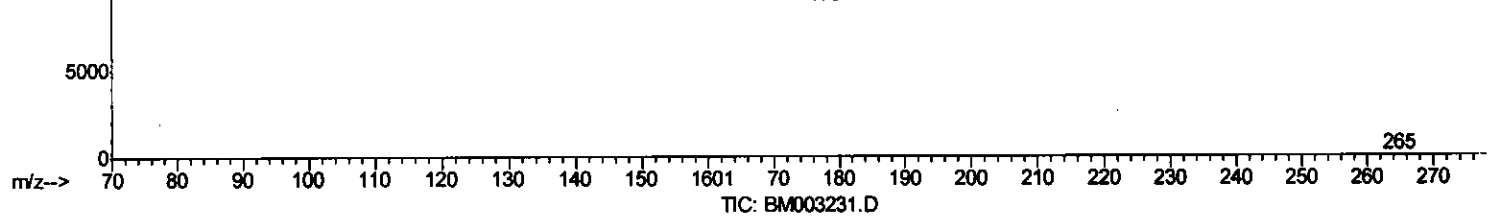
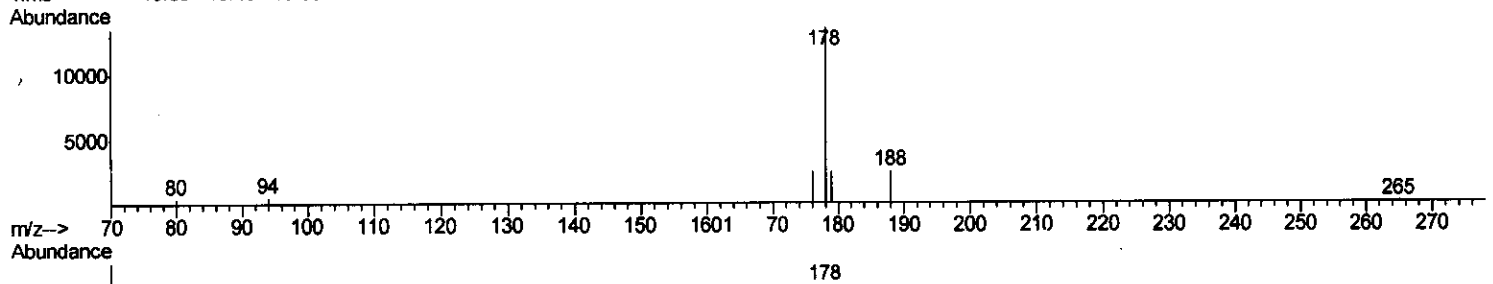
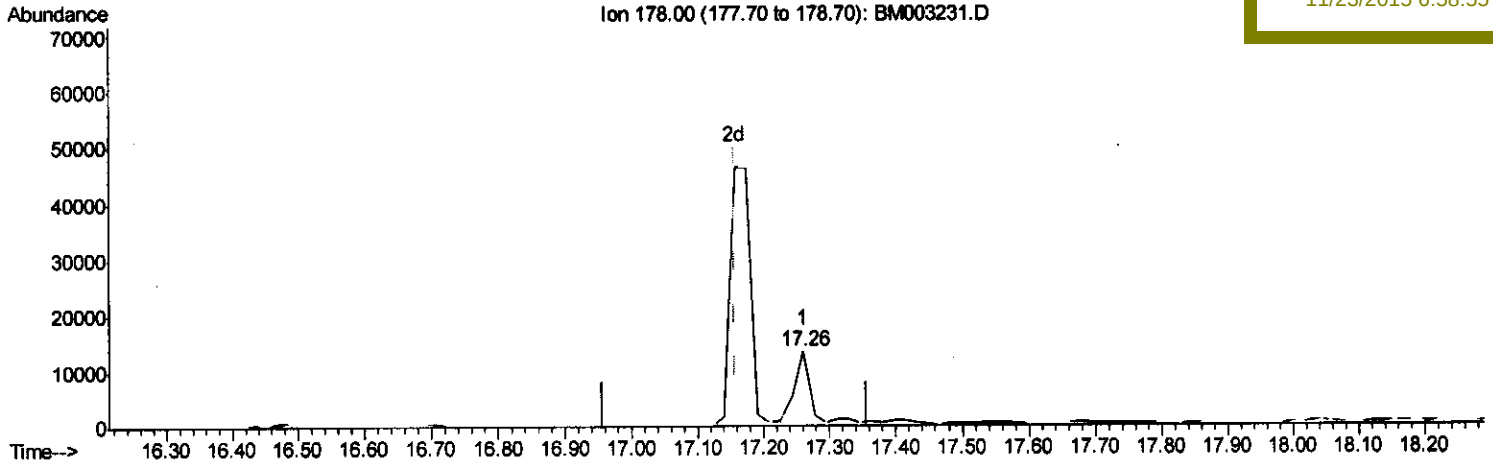
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003231.D
 Acq On : 20 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4322-06RXDL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 A4HR7DL

Quant Time: Nov 21 04:27:05 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 6:58:55 PM



(14) Phenanthrene

17.260min (+0.103) 0.12ng/ul

response 20440

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	18.22
179.00	17.70	18.05
0.00	0.00	0.00

Quantitation Report (Qedit)

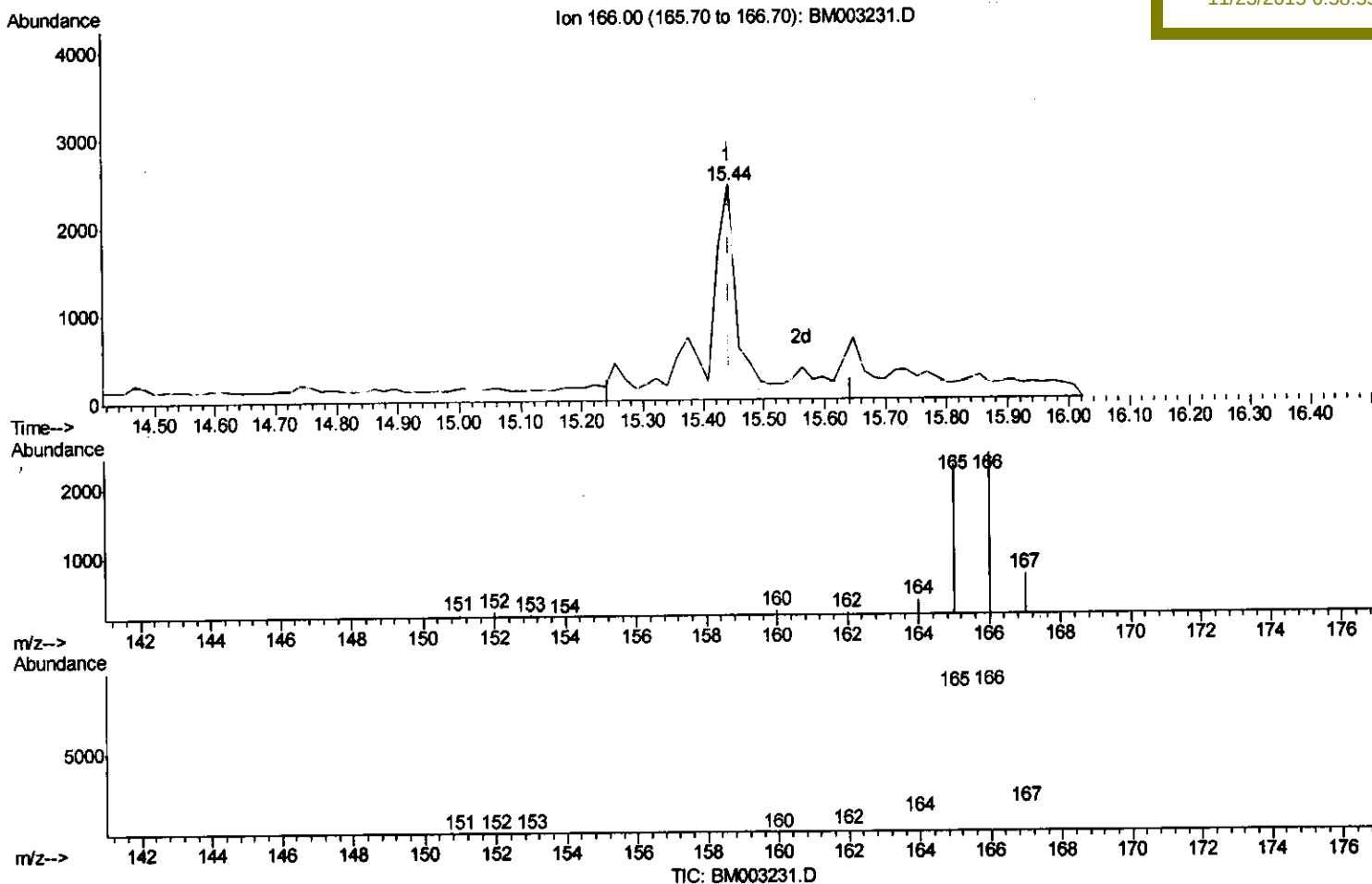
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003231.D
 Acq On : 20 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4322-06RXDL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7DL

Quant Time: Nov 21 04:27:05 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 6:58:55 PM



(11) Fluorene

15.442min (-0.000) 0.05ng/ul m

response 4998

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	92.78
167.00	14.90	28.61#
0.00	0.00	0.00

U.M
 11/24/15

Quantitation Report (Qedit)

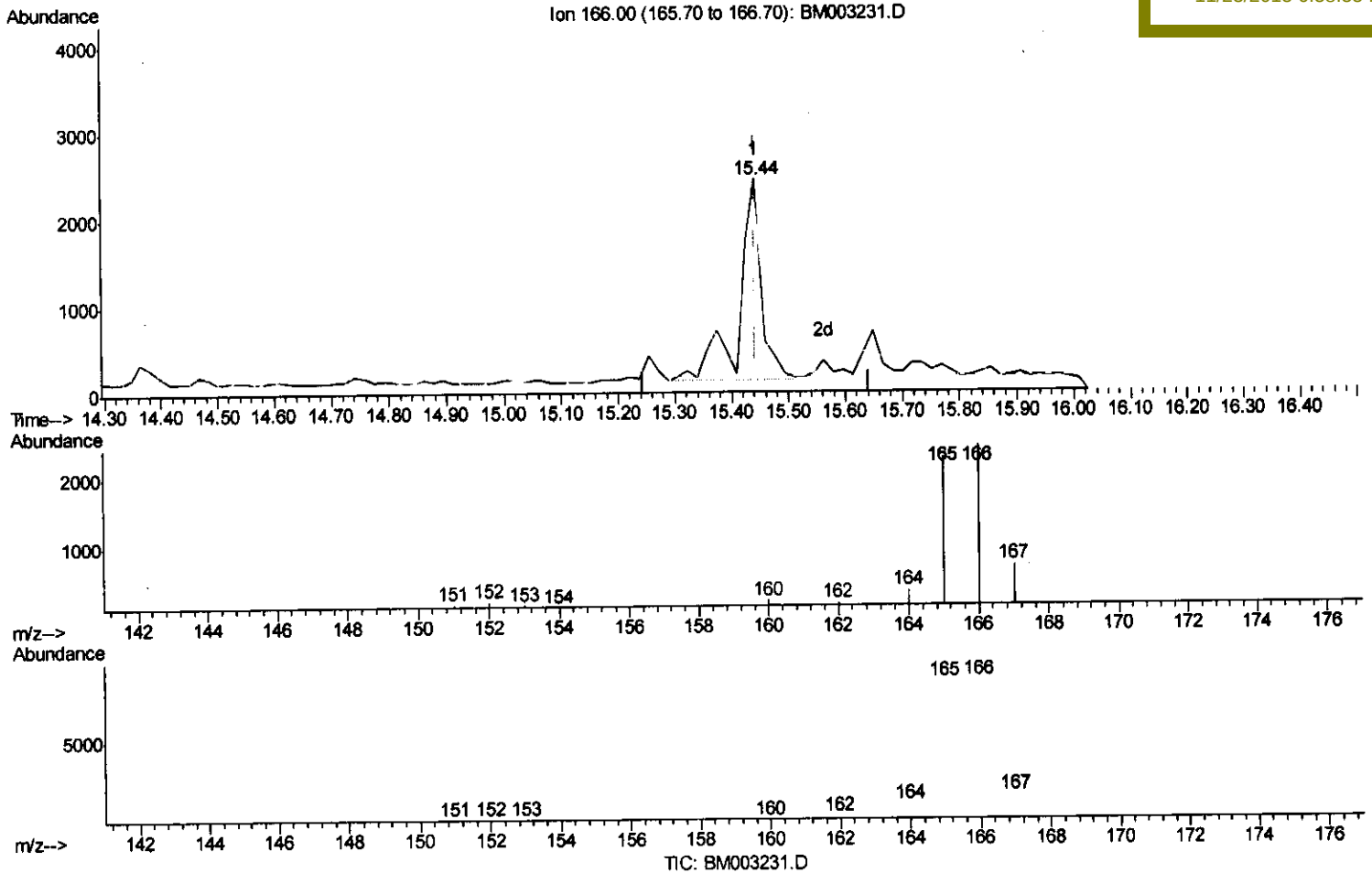
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
 Data File : BM003231.D
 Acq On : 20 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4322-06RXDL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A4HR7DL

Quant Time: Nov 21 04:27:05 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 6:58:55 PM



(11) Fluorene

15.442min (-0.000) 0.06ng/ul

response 6461

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	92.78
167.00	14.90	28.61#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112015\
Data File : BM003231.D
Acq On : 20 Nov 2015 21:08
Operator : UM/IZ
Sample : G4322-06RXDL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 21 05:00:19 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 :
A4HR7DL

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:58:55 PM

