

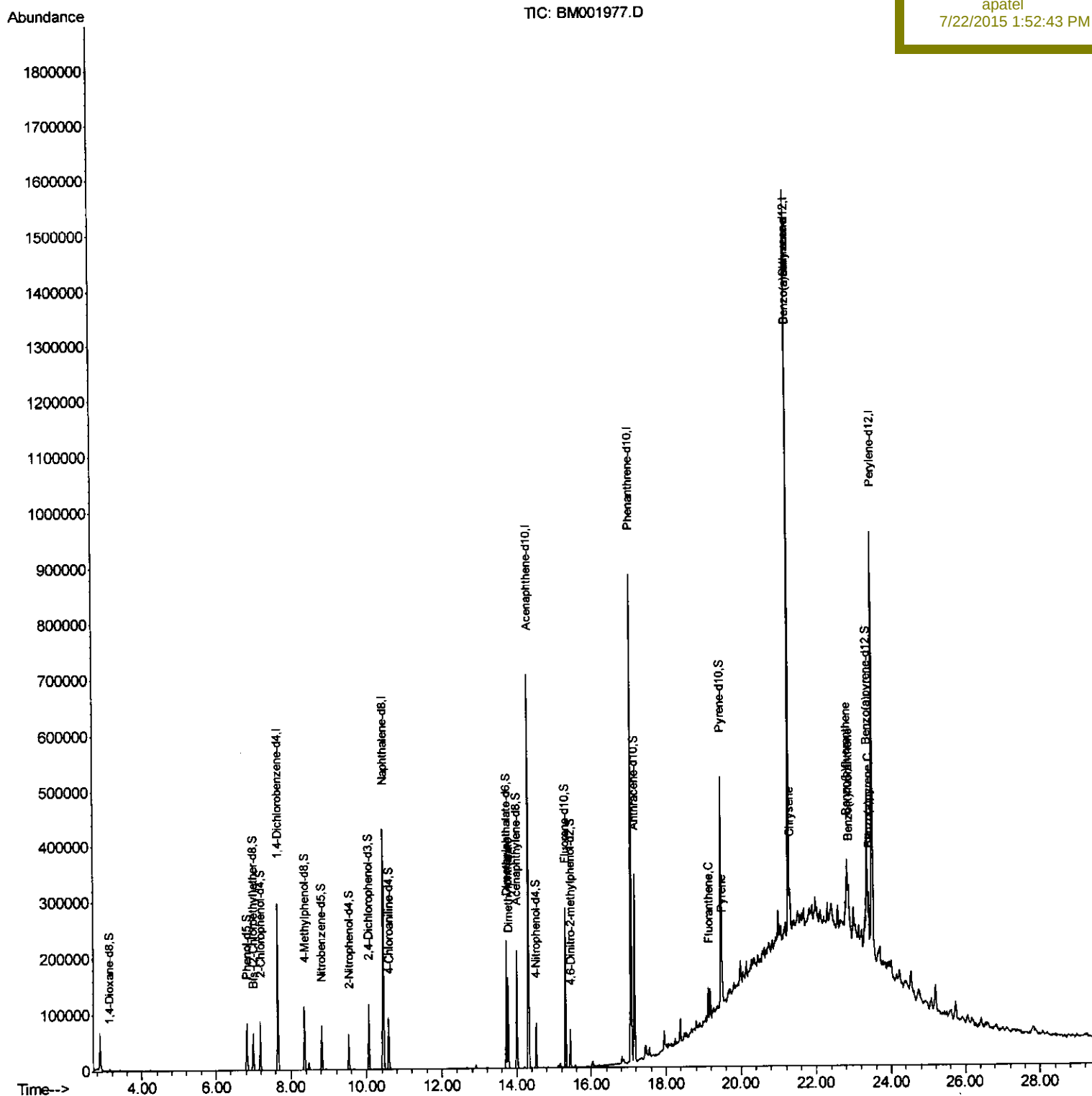
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001977.D
Acq On : 20 Jul 2015 16:58
Operator : TP/UM
Sample : G3000-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 21 01:20:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 00:43:52 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C02M1

Manual Integrations
APPROVED

apatel
7/22/2015 1:52:43 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001977.D
Acq On : 20 Jul 2015 16:58
Operator : TP/UM
Sample : G3000-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 21 01:20:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 00:43:52 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
C02M1

Manual Integrations
APPROVED
apatel
7/22/2015 1:52:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	83337	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	359468	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	228699	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	532344	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	607923	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	544313	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	1834	1.08	ng/uL	0.00
5) Phenol-d5	6.82	99	49431	7.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	28488	7.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	40541	7.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	42080	7.53	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	19322	7.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	22004	7.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	44860	7.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	49996	8.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	148136	8.03	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	153831	6.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	20119	6.44	ng/ul	0.00
57) Fluorene-d10	15.30	176	112436	7.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	17212	4.99	ng/ul	0.00
70) Anthracene-d10	17.16	188	187513	7.50	ng/ul	0.00
78) Pyrene-d10	19.46	212	207720	7.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	175790	6.39	ng/ul	0.01

Target Compounds						Qvalue
44) Dimethylphthalate	13.77	163	103362	5.51	ng/ul	99
76) Fluoranthene	19.13	202	34183	1.01	ng/ul	99
79) Pyrene	19.49	202	52346	1.44	ng/ul#	97
82) Benzo(a)anthracene	21.25	228	41033	1.13	ng/ul#	96
84) Chrysene	21.30	228	54544m	1.61	ng/ul	
87) Benzo(b)fluoranthene	22.82	252	102273	3.07	ng/ul#	92
88) Benzo(k)fluoranthene	22.86	252	33600m	1.05	ng/ul	
90) Benzo(a)pyrene	23.39	252	56045	1.79	ng/ul#	92

T.P
07/31/15

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

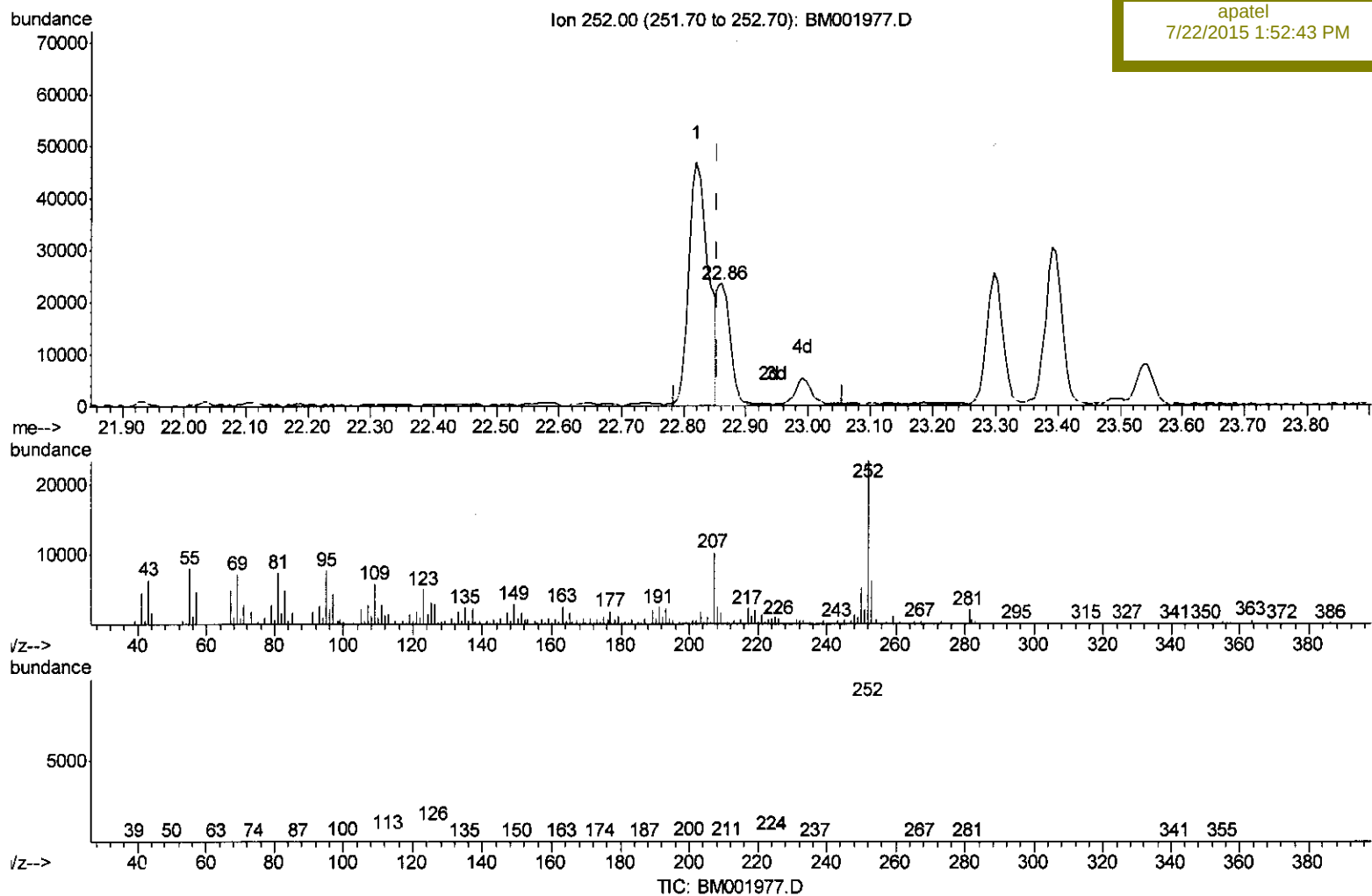
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001977.D
 Acq On : 20 Jul 2015 16:58
 Operator : TP/UM
 Sample : G3000-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 21 00:49:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 00:43:52 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 C02M1

Manual Integrations
 APPROVED

apatel
 7/22/2015 1:52:43 PM



(88) Benzo(k)fluoranthene
 22.862min (+0.006) 1.05ng/ul m
 response 33600

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	27.25#
125.00	7.00	14.18#
0.00	0.00	0.00

T.P
 07/31/2015

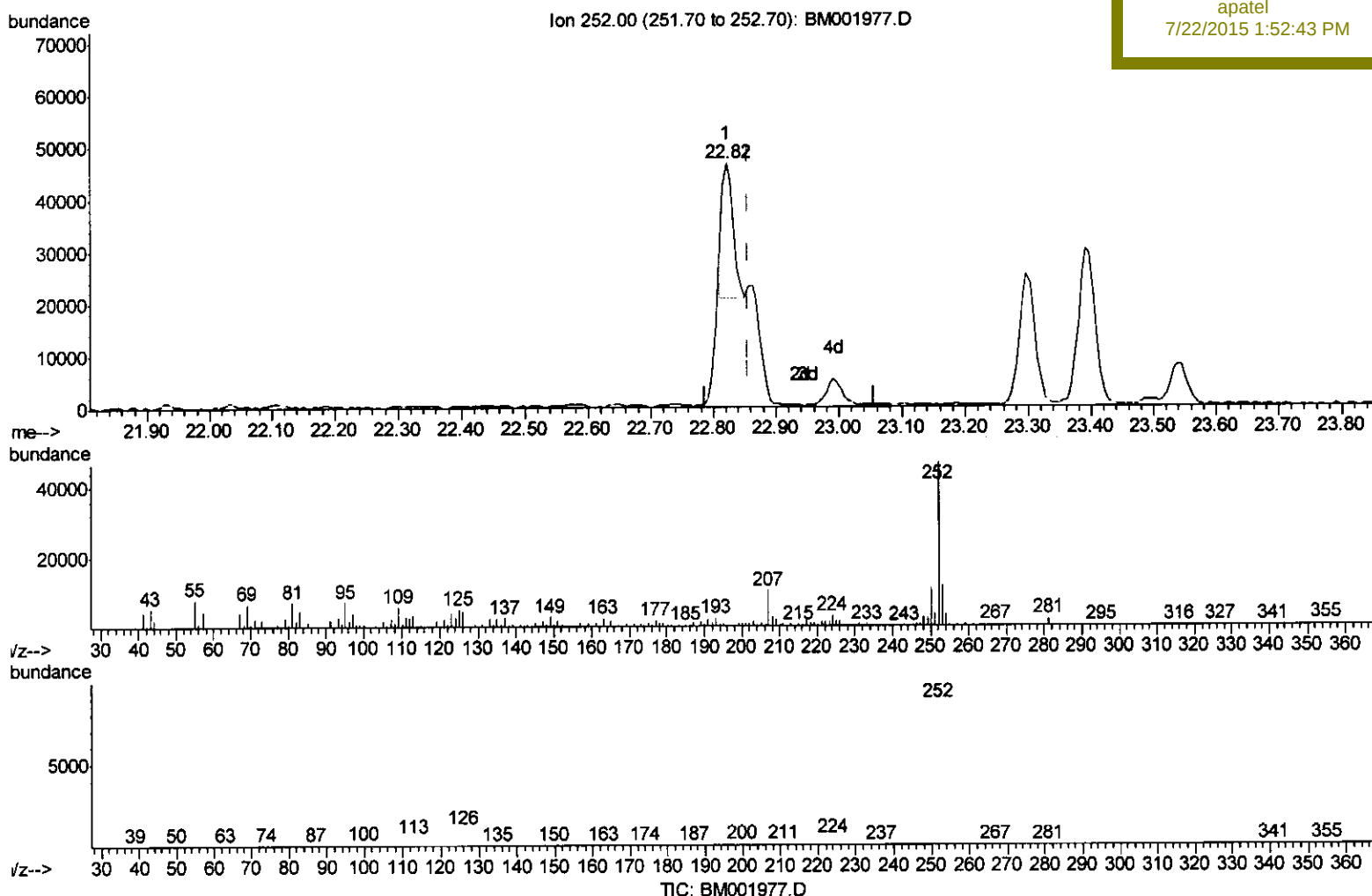
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001977.D
 Acq On : 20 Jul 2015 16:58
 Operator : TP/UM
 Sample : G3000-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 21 00:49:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 00:43:52 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 C02M1

Manual Integrations
 APPROVED

apatel
 7/22/2015 1:52:43 PM



(88) Benzo(k)fluoranthene

22.821min (-0.035) 1.01ng/ul

response 32240

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.33
125.00	7.00	10.98#
0.00	0.00	0.00

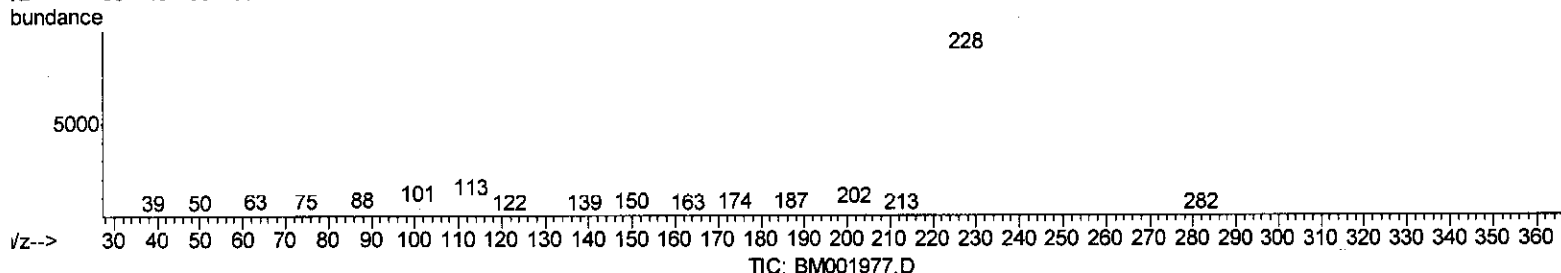
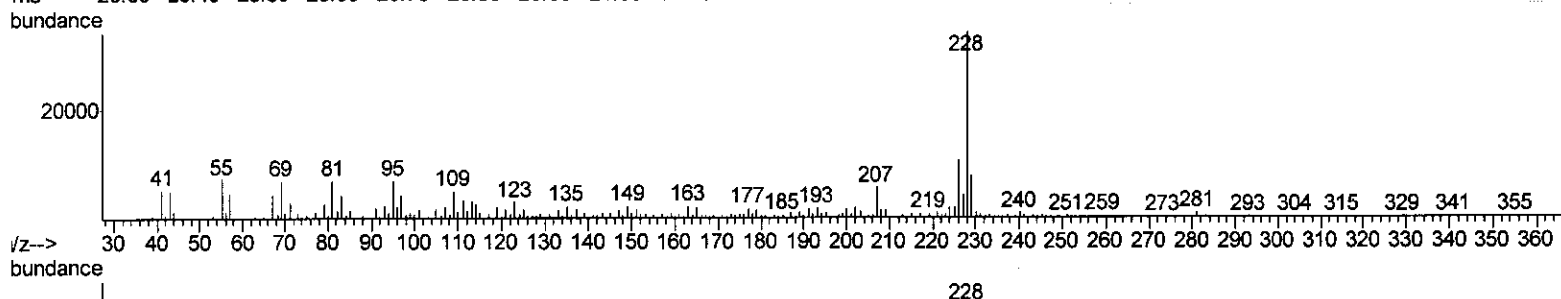
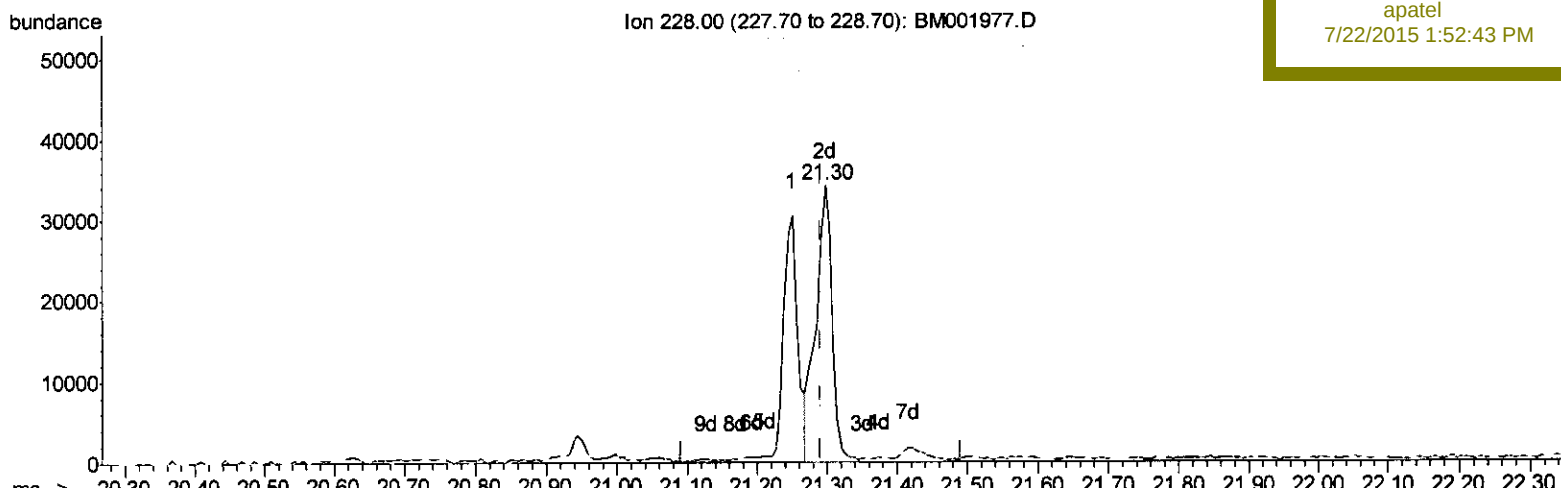
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001977.D
 Acq On : 20 Jul 2015 16:58
 Operator : TP/UM
 Sample : G3000-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 21 00:49:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 00:43:52 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 C02M1

Manual Integrations
 APPROVED

apatel
 7/22/2015 1:52:43 PM



(84) Chrysene

21.297min (+0.006) 1.61ng/ul m

response 54544

Ion	Exp%	Act%
228.00	100	100
226.00	28.20	31.17
229.00	19.20	23.49#
0.00	0.00	0.00

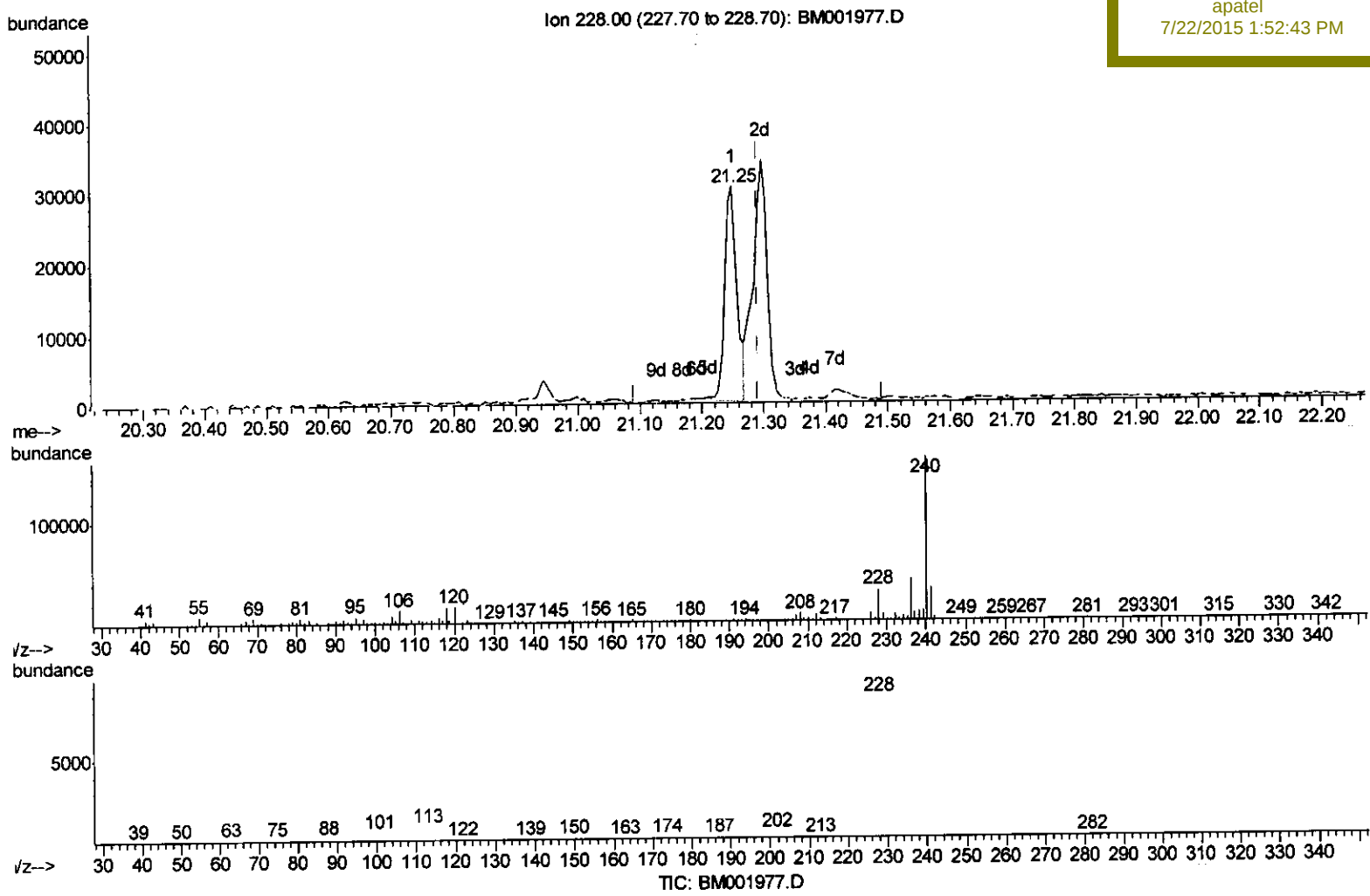
T.P
 07/21/2015

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001977.D
 Acq On : 20 Jul 2015 16:58
 Operator : TP/UM
 Sample : G3000-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 21 00:49:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 00:43:52 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 C02M1

Manual Integrations
 APPROVED
 apatel
 7/22/2015 1:52:43 PM



(84) Chrysene
 21.250min (-0.041) 1.25ng/ul
 response 42313

Ion	Exp%	Act%
228.00	100	100
226.00	28.20	25.36
229.00	19.20	23.02
0.00	0.00	0.00