

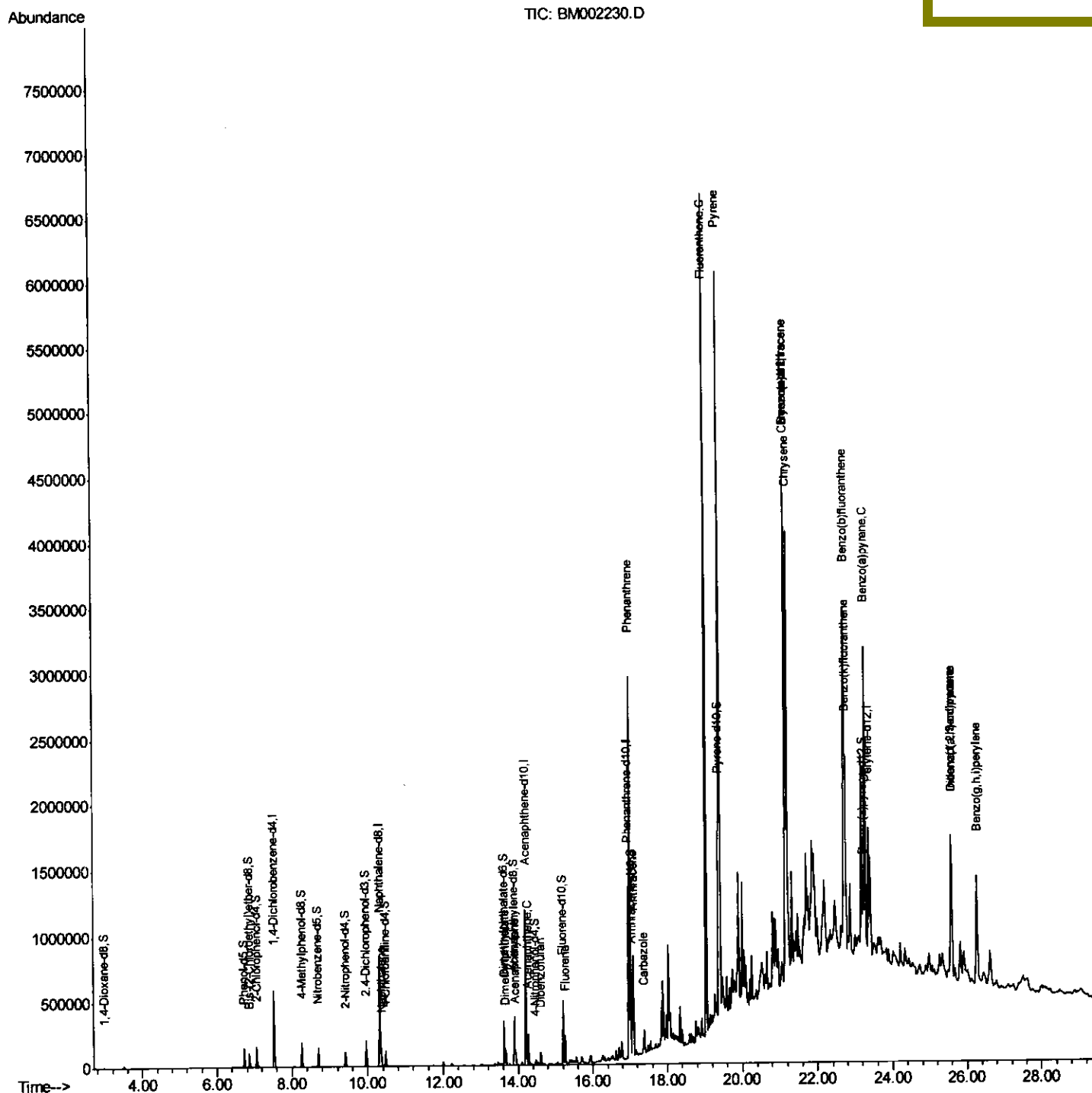
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002230.D
Acq On : 05 Aug 2015 03:33
Operator : TP/UM
Sample : G3095-13RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01S4RE

Quant Time: Aug 05 06:26:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:56:04 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/7/2015 4:43:33 PM



Quantitation Report (Qedit)

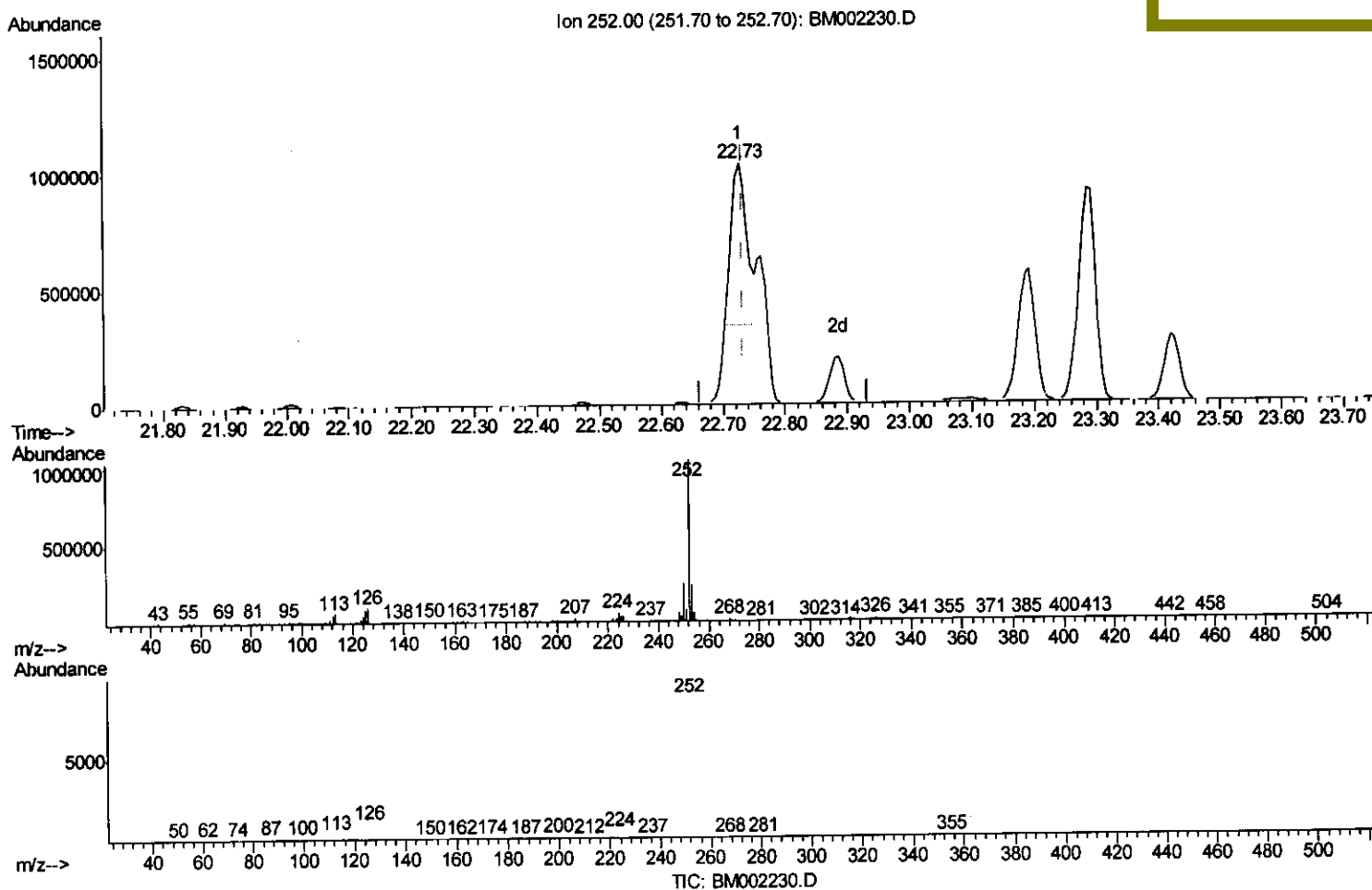
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
 Data File : BM002230.D
 Acq On : 05 Aug 2015 03:33
 Operator : TP/UM
 Sample : G3095-13RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01S4RE

Quant Time: Aug 05 05:33:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:56:04 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:43:33 PM



(89) Benzo(k)fluoranthene

22.727min (-0.006) 31.03ng/ul

response 1214929

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.48
125.00	7.00	8.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

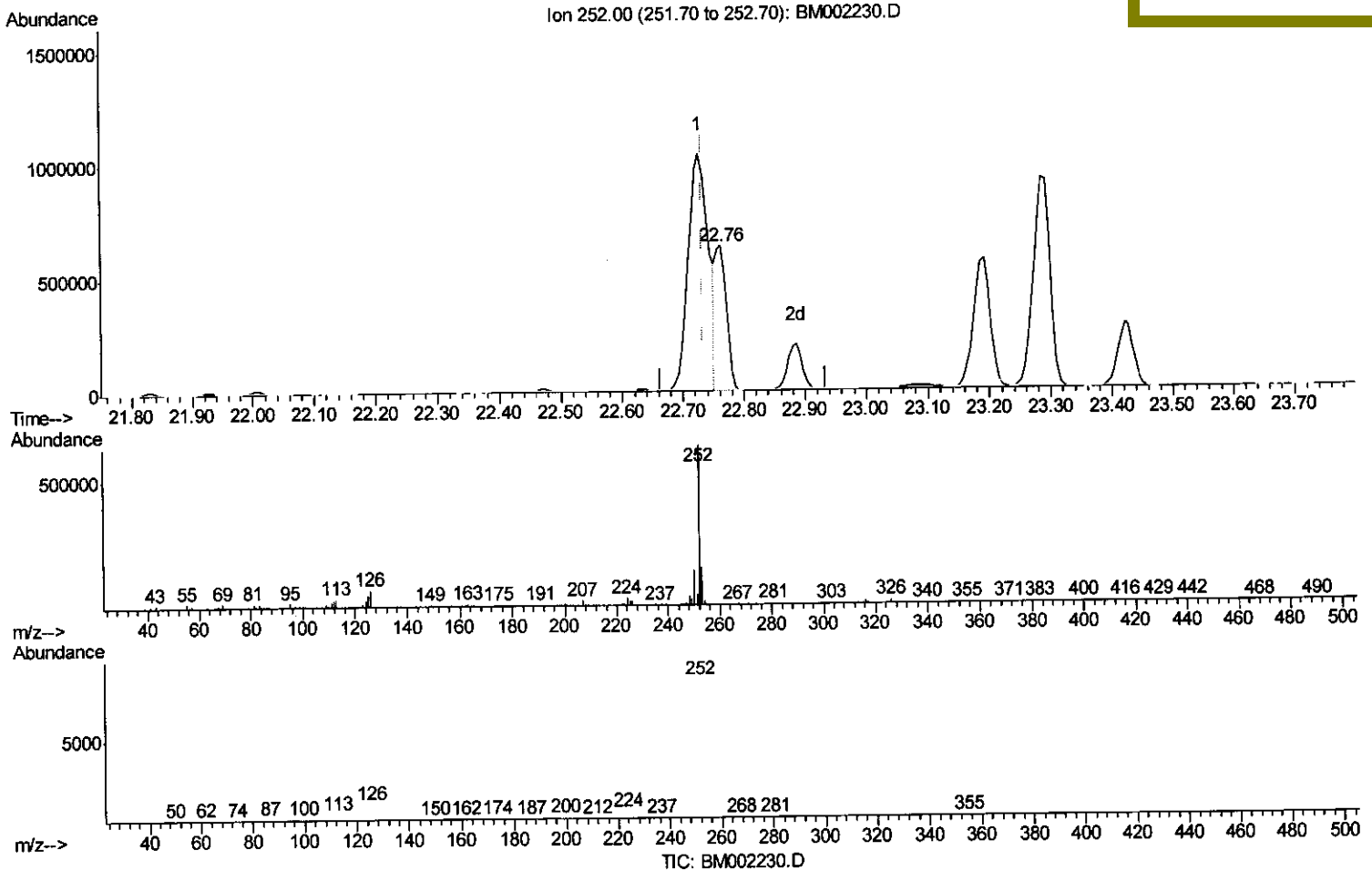
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
 Data File : BM002230.D
 Acq On : 05 Aug 2015 03:33
 Operator : TP/UM
 Sample : G3095-13RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01S4RE

Quant Time: Aug 05 05:33:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:56:04 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:43:33 PM



(89) Benzo(k)fluoranthene

22.762min (+0.030) 19.35ng/ul m U.M

response 757581

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.64
125.00	7.00	7.94
0.00	0.00	0.00

8/14/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
 Data File : BM002230.D
 Acq On : 05 Aug 2015 03:33
 Operator : TP/UM
 Sample : G3095-13RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01S4RE

Quant Time: Aug 05 06:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:56:04 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:43:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	162171	20.00	ng/ul	0.01
18) Naphthalene-d8	10.32	136	692813	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	409312	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.97	188	835050	20.00	ng/ul	0.02
78) Chrysene-d12	21.18	240	735009	20.00	ng/ul	0.02
86) Perylene-d12	23.37	264	717524	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	3273	1.15	ng/uL	0.00
5) Phenol-d5	6.73	99	88884	7.38	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.86	67	48014	7.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	76859	7.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	75008	7.50	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	37393	7.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	38248	6.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	79884	7.05	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	69230	5.52	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	235956	7.92	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	284075	7.55	ng/ul	0.01
52) 4-Nitrophenol-d4	14.47	143	12323	3.19	ng/ul	0.02
58) Fluorene-d10	15.20	176	198487	7.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.06	188	278655	7.50	ng/ul	0.01
79) Pyrene-d10	19.37	212	259230	7.37	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.23	264	255944	7.35	ng/ul	0.03

Target Compounds

					Qvalue
28) Naphthalene	10.37	128	67941	2.07 ng/ul	98
45) Dimethylphthalate	13.66	163	72909	2.46 ng/ul	100
48) Acenaphthylene	13.93	152	101924	2.66 ng/ul	100
50) Acenaphthene	14.27	153	97045	3.87 ng/ul	99
54) Dibenzofuran	14.61	168	57822	1.59 ng/ul	97
59) Fluorene	15.26	166	100595	3.37 ng/ul	99
70) Phenanthrene	17.02	178	1777306	41.45 ng/ul	100
72) Anthracene	17.10	178	475037	10.84 ng/ul	100
75) Carbazole	17.37	167	108668	2.98 ng/ul	98
77) Fluoranthene	19.05	202	4155561	88.56 ng/ul	98
80) Pyrene	19.42	202	3631090	80.38 ng/ul	96
83) Benzo(a)anthracene	21.17	228	1983780	48.18 ng/ul	98
85) Chrysene	21.22	228	1770574	46.70 ng/ul	96
88) Benzo(b)fluoranthene	22.73	252	2400668	59.38 ng/ul#	98
89) Benzo(k)fluoranthene	22.76	252	757581m	19.35 ng/ul	
91) Benzo(a)pyrene	23.29	252	1760346	45.59 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.60	276	1141346	26.23 ng/ul	96
93) Dibenzo(a,h)anthracene	25.59	278	297869	8.03 ng/ul#	83
94) Benzo(g,h,i)perylene	26.28	276	1026419	28.33 ng/ul	100

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

U.M
 8/14/15