

Quantitation Report (QT Reviewed)

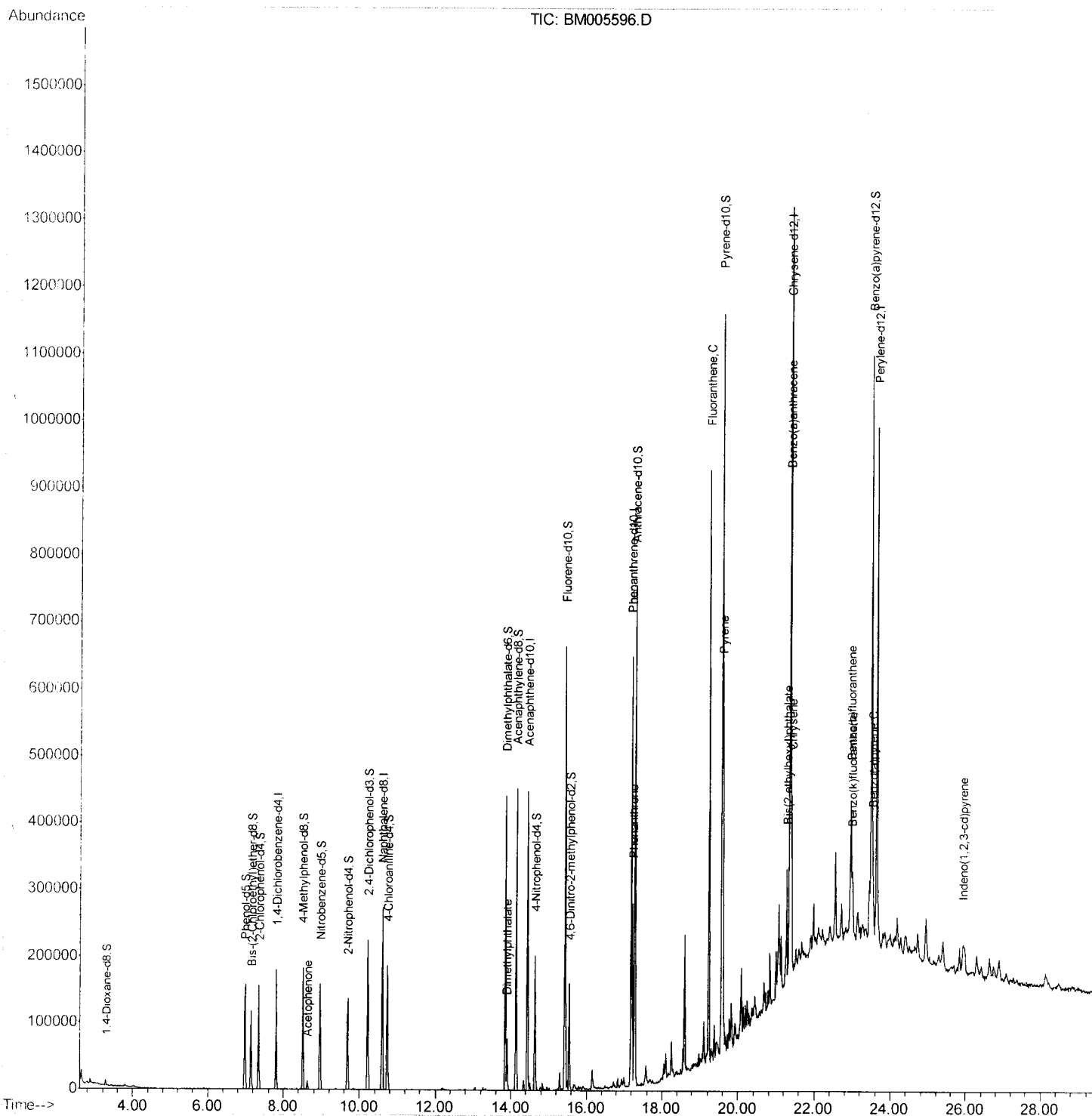
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005596.D
 Acq On : 22 May 2016 20:51
 Operator : UM/SJ
 Sample : H3087-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK7

Manual Integrations
 APPROVED

umangi
 5/23/2016 8:35:49 PM

Quant Time: May 23 07:04:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

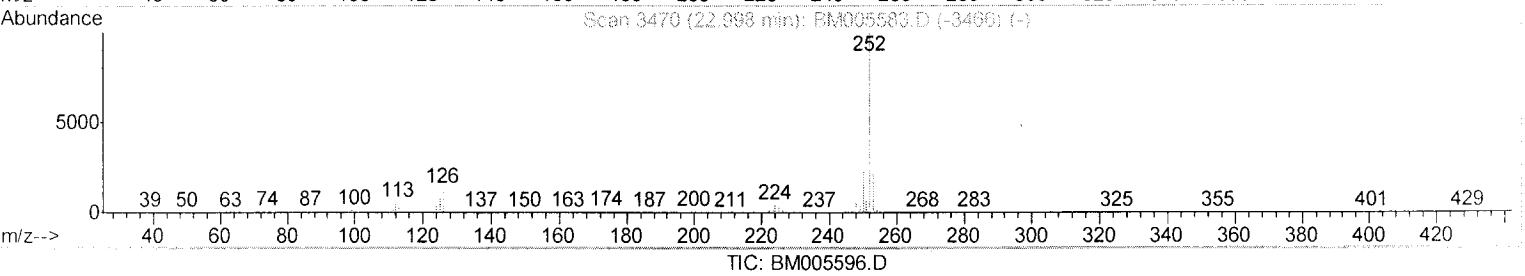
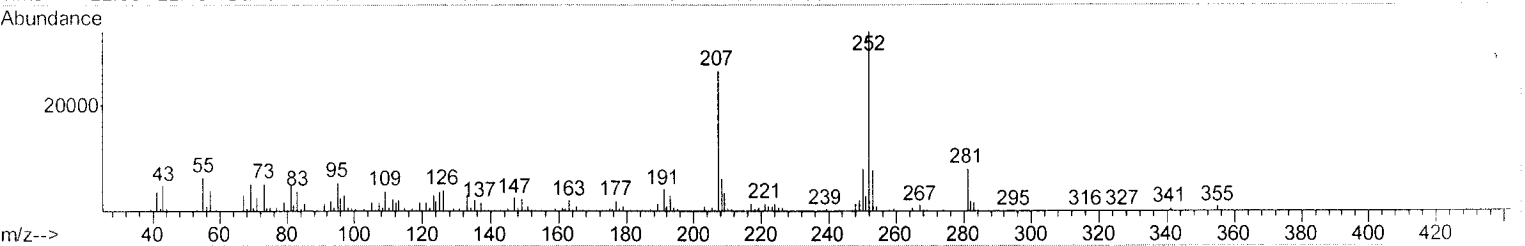
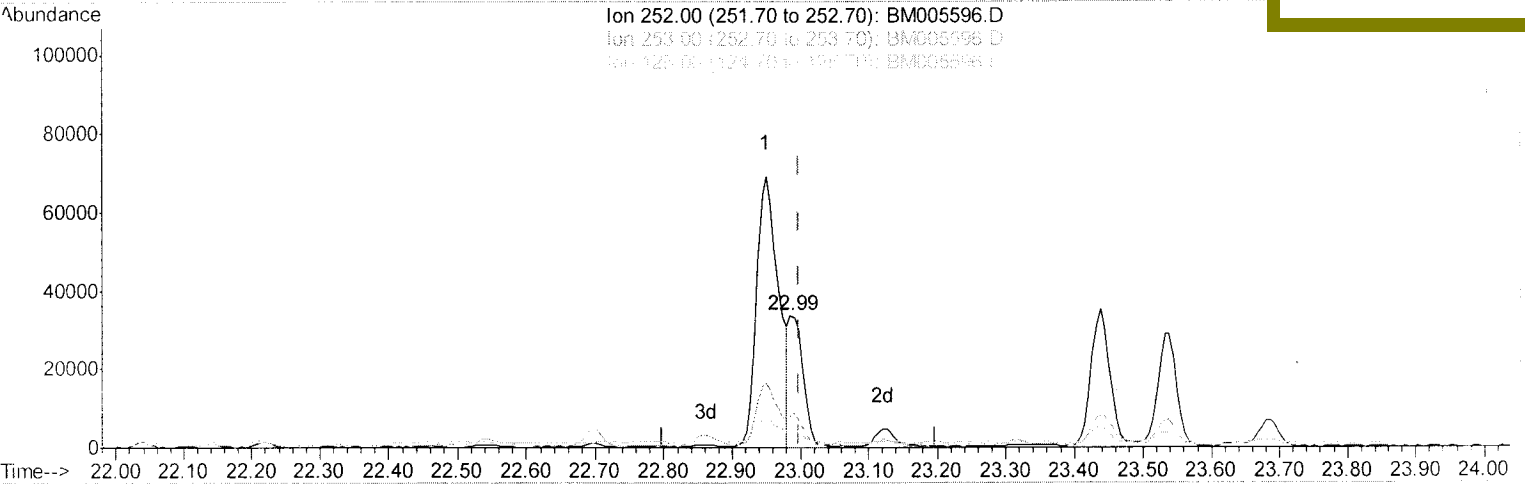
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005596.D
 Acq On : 22 May 2016 20:51
 Operator : UM/SJ
 Sample : H3087-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK7

Quant Time: May 23 05:34:30 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi
 5/23/2016 8:35:49 PM



(86) Benzo(k)fluoranthene

22.985min (-0.012) 1.50ng/ul m

response 48079

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.46
125.00	8.80	12.07#
0.00	0.00	0.00

U.M.
 05/25/16

Quantitation Report (Qedit)

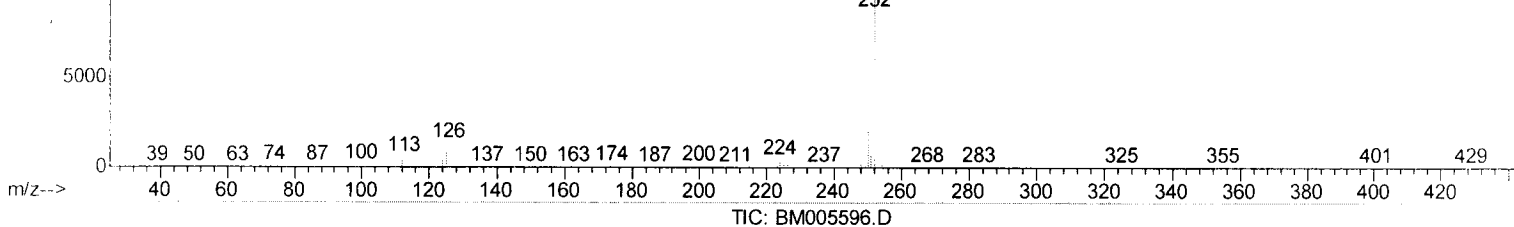
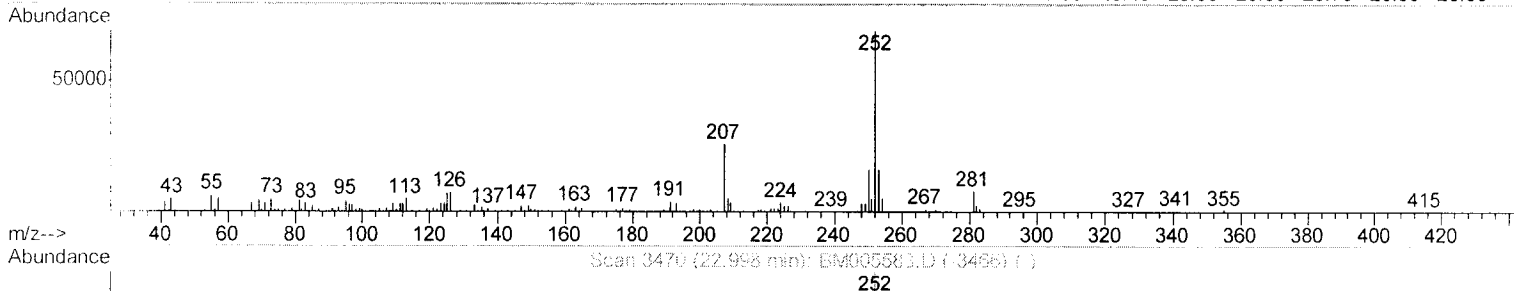
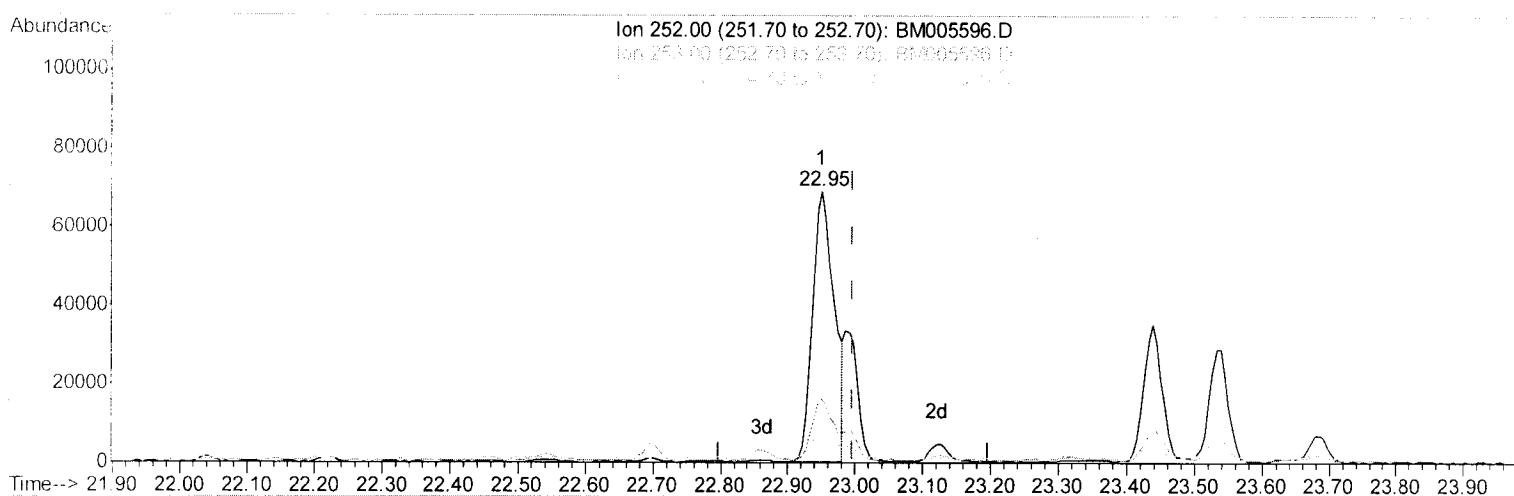
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005596.D
 Acq On : 22 May 2016 20:51
 Operator : UM/SJ
 Sample : H3087-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHKG7

Manual Integrations
 APPROVED

umangi
 5/23/2016 8:35:49 PM

Quant Time: May 23 05:34:30 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.950min (-0.047) 4.81ng/ui

response 154440

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.78
125.00	8.80	10.47
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005596.D
 Acq On : 22 May 2016 20:51
 Operator : UM/SJ
 Sample : H3087-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 JHGK7

Quant Time: May 23 07:04:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi
 5/23/2016 8:35:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	47102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	227192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	146268	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	368038	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	508750	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	575120	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5425	5.04	ng/uL	0.00
5) Phenol-d5	6.98	99	89079	23.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	51991	23.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	70117	21.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	68518	21.66	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	37038	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	43362	22.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	78962	21.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	98957	27.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	281254	23.56	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	340196	22.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	44865	19.87	ng/ul	-0.01
57) Fluorene-d10	15.43	176	252972	24.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	33789	15.96	ng/ul	0.00
70) Anthracene-d10	17.28	188	414319	23.63	ng/ul	0.00
76) Pyrene-d10	19.57	212	515440	22.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	625020	23.27	ng/ul	0.00

Target Compounds

					Qvalue
14) Acetophenone	8.63	105	7241	1.52 ng/ul	93
44) Dimethylphthalate	13.90	163	46963	3.98 ng/ul	98
69) Phenanthrene	17.23	178	163529	7.95 ng/ul	99
74) Fluoranthene	19.24	202	514160	22.21 ng/ul	99
77) Pyrene	19.60	202	326876	11.18 ng/ul	98
80) Benzo(a)anthracene	21.34	228	89433	2.99 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.27	149	56807	3.26 ng/ul	99
82) Chrysene	21.40	228	156425	5.50 ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	154440	4.55 ng/ul#	95
36) Benzo(k)fluoranthene	22.99	252	48079m	1.50 ng/ul	
88) Benzo(a)pyrene	23.53	252	55828	1.70 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.93	276	41780	1.07 ng/ul#	95

U.M.
 05/25/16

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