

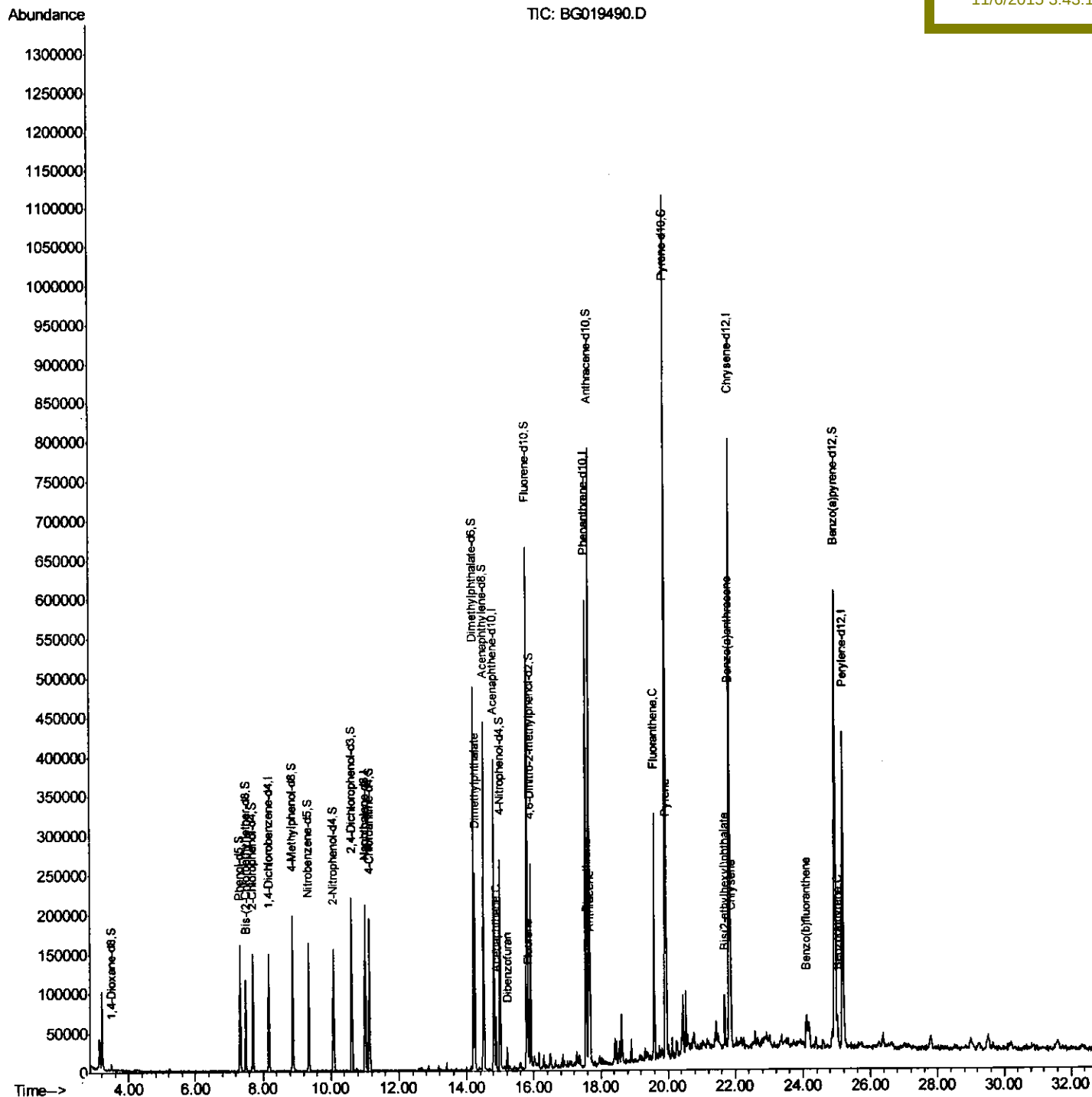
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019490.D
Acq On : 5 Nov 2015 13:32
Operator : UM/NP
Sample : G4273-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COAN9

Quant Time: Nov 06 05:47:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:43:16 PM



Quantitation Report (Qedit)

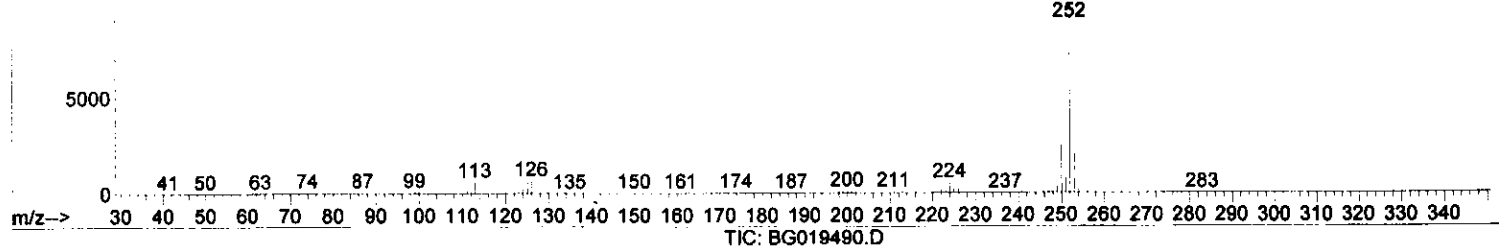
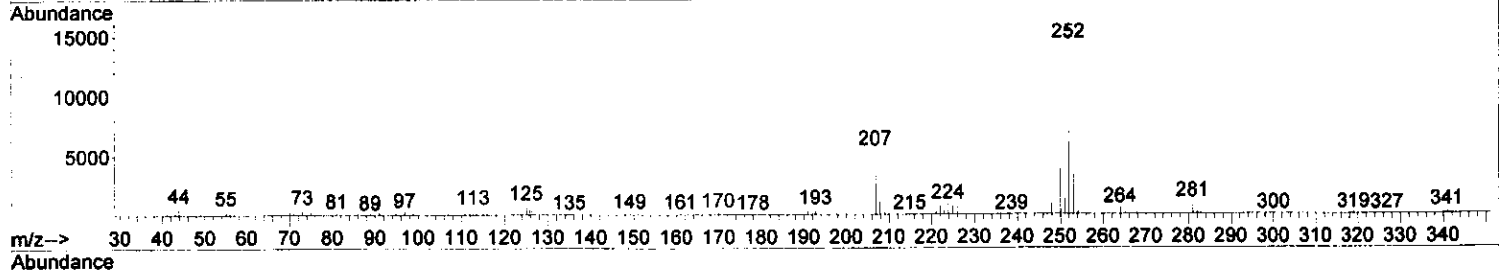
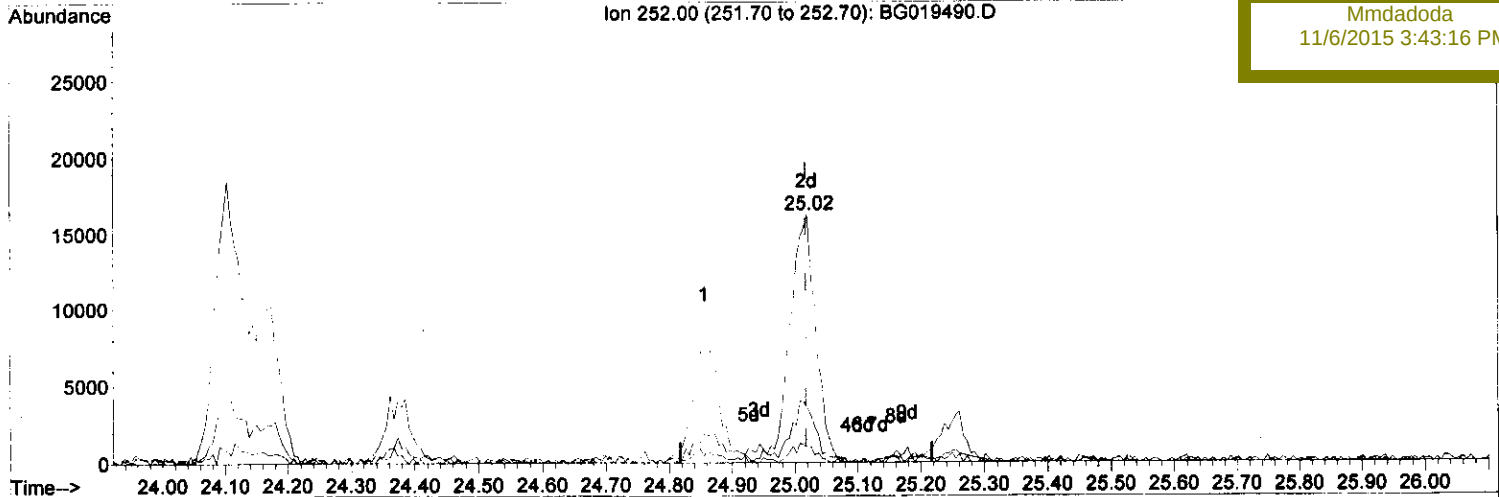
Data Path : Z:\HPCHEM1\BNA G\Data\BG110515\
 Data File : BG019490.D
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(91) Benzo(a)pyrene (C)

25.020min (+0.003) 1.86ng/ul m

response 47590

Ion	Exp%	Act%
252.00	100	100
253.00	20.00	21.87
125.00	4.10	6.21#
0.00	0.00	0.00

U.M
 11/19/15

Quantitation Report (Qedit)

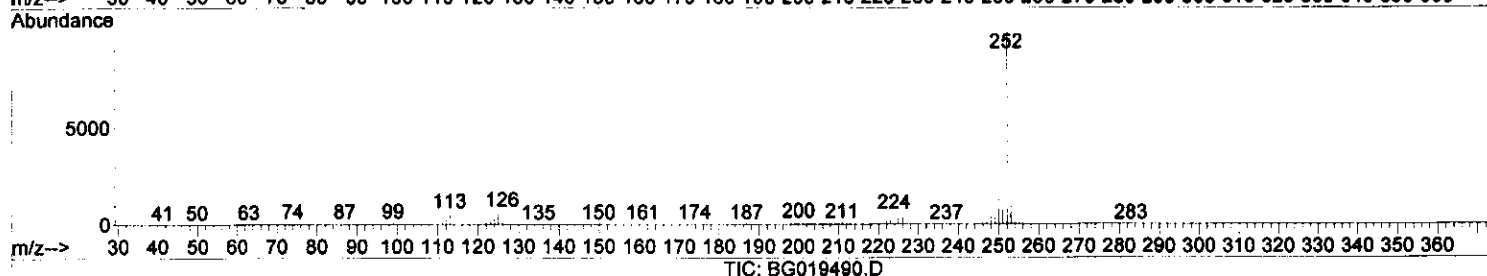
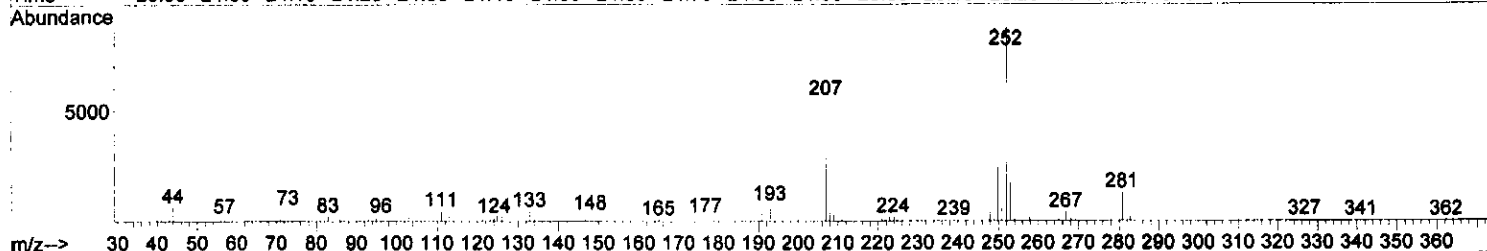
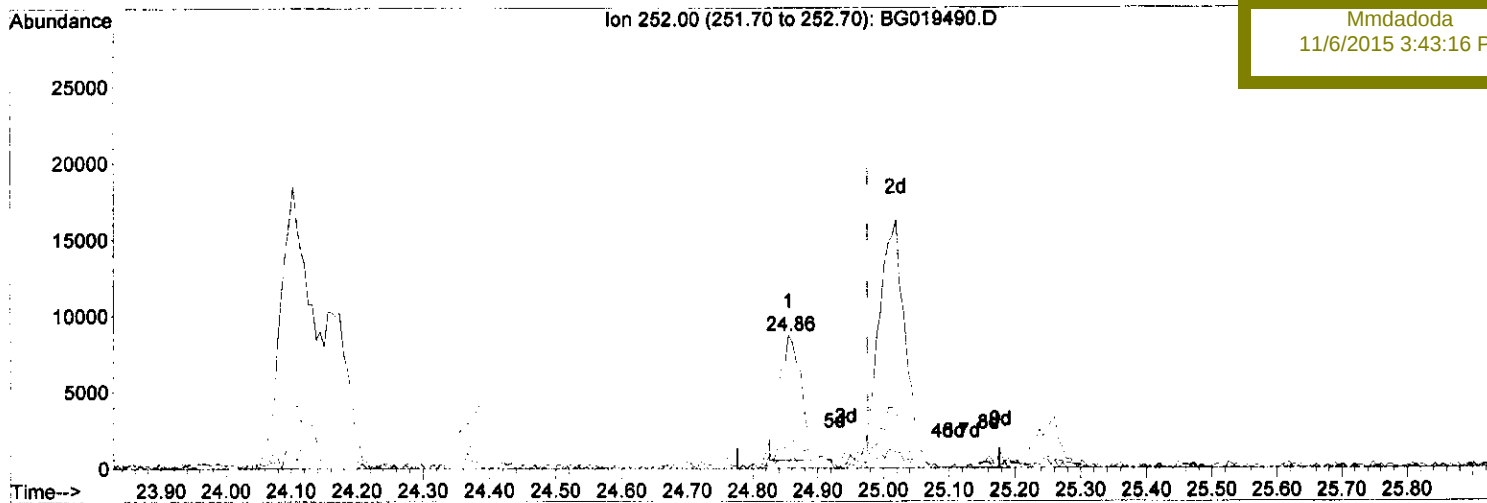
Data Path : Z:\HPCHEM1\BNA G\Data\BG110515\
 Data File : BG019490.D
 Acq On : 5 Nov 2015 13:32
 Operator : UM/NP
 Sample : G4273-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 18 09:15:50 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 03:12:59 2015
 Response via : Initial Calibration

Instrument :
 BNA G
 ClientSampleId :
 COAN9

Manual Integrations
 APPROVED

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 11/6/2015 3:43:16 PM



(91) Benzo(a)pyrene (C)

24.855min (-0.121) 0.75ng/ul

response 19332

Ion	Exp%	Act%
252.00	100	100
253.00	20.00	21.39
125.00	4.10	4.72
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019490.D
 Acq On : 5 Nov 2015 13:32
 Operator : UM/NP
 Sample : G4273-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAN9

Quant Time: Nov 06 05:47:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36549	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	155470	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	124468	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	353761	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	475007	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	452543	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	3489	4.57	ng/uL	0.00
5) Phenol-d5	7.32	99	83299	24.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	62100	29.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	52352	25.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	72069	26.97	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	30371	26.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	33550	24.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	72516	24.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	83444	28.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	284467	27.72	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	312964	27.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	46963	28.81	ng/ul	0.00
58) Fluorene-d10	15.80	176	256790	27.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	55193	24.10	ng/ul	0.00
71) Anthracene-d10	17.65	188	457170	28.35	ng/ul	0.00
79) Pyrene-d10	19.92	212	572446	27.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	656769	28.92	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	143875	13.71	ng/ul	96
50) Acenaphthene	14.87	153	27285	3.47	ng/ul	89
54) Dibenzofuran	15.20	168	13710	1.18	ng/ul	88
59) Fluorene	15.85	166	32241	3.19	ng/ul	98
70) Phenanthrene	17.59	178	81803	4.58	ng/ul	97
72) Anthracene	17.68	178	65124	3.58	ng/ul	96
77) Fluoranthene	19.59	202	202231	8.75	ng/ul	98
80) Pyrene	19.95	202	140185	5.26	ng/ul#	88
83) Benzo(a)anthracene	21.81	228	79158	2.86	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	22859	1.86	ng/ul	93
85) Chrysene	21.88	228	82075	3.16	ng/ul	94
88) Benzo(b)fluoranthene	24.10	252	59328	2.22	ng/ul#	99
91) Benzo(a)pyrene	25.02	252	47590m	1.86	ng/ul	

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 11/19/15

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