

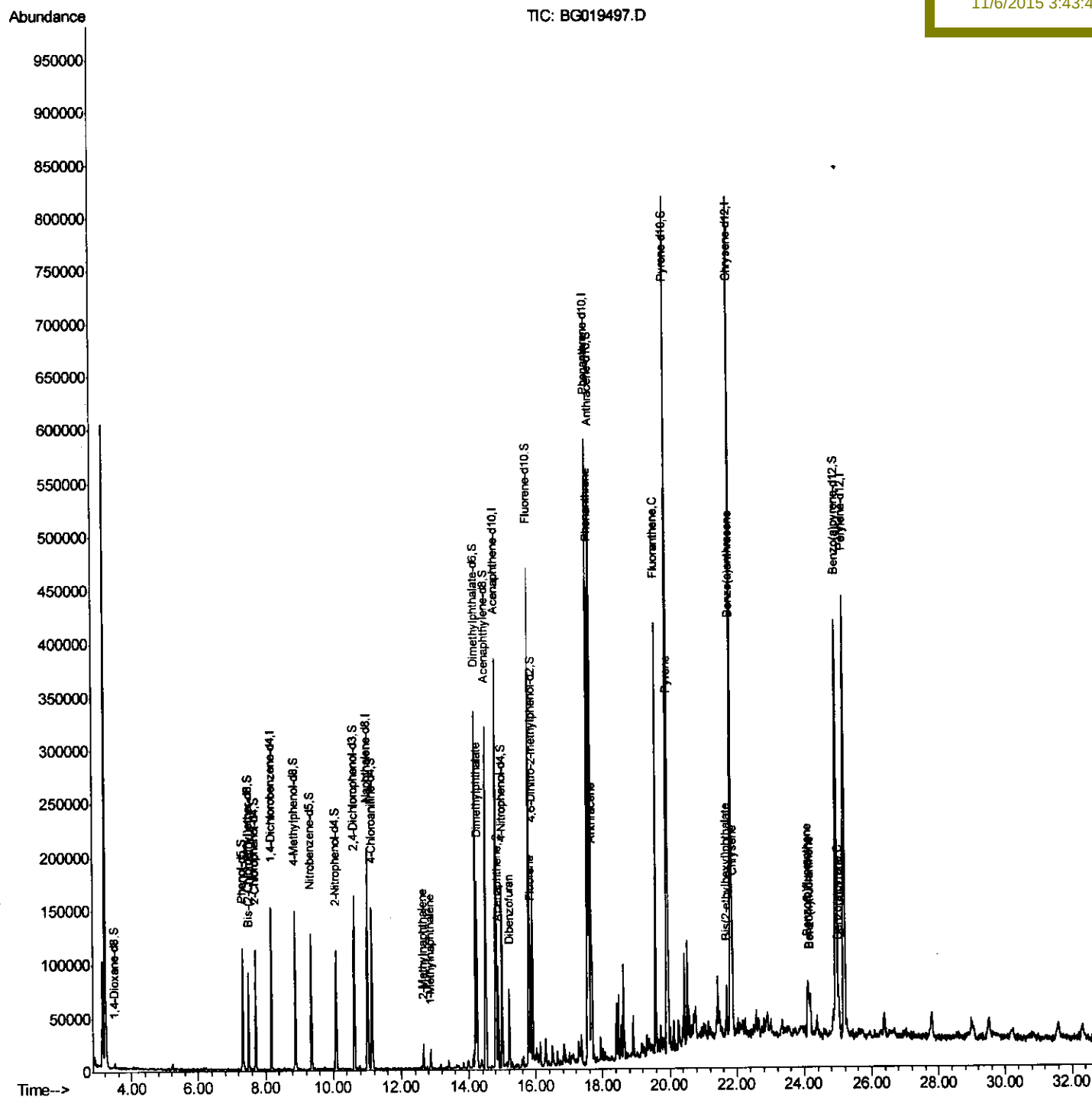
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019497.D
 Acq On : 5 Nov 2015 18:02
 Operator : UM/NP
 Sample : G4273-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 C0AP7

Quant Time: Nov 06 06:40:59 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 3:43:49 PM



Quantitation Report (Qedit)

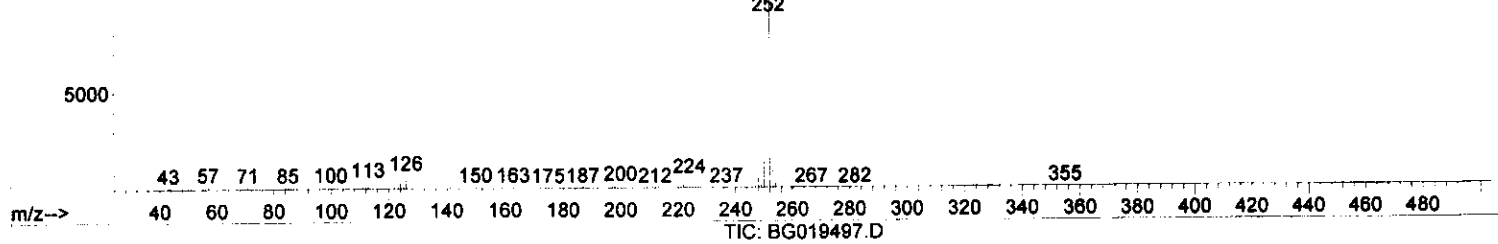
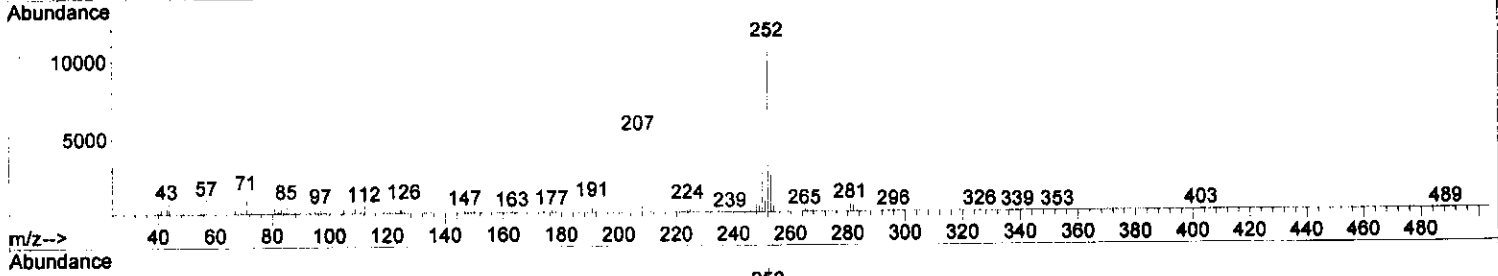
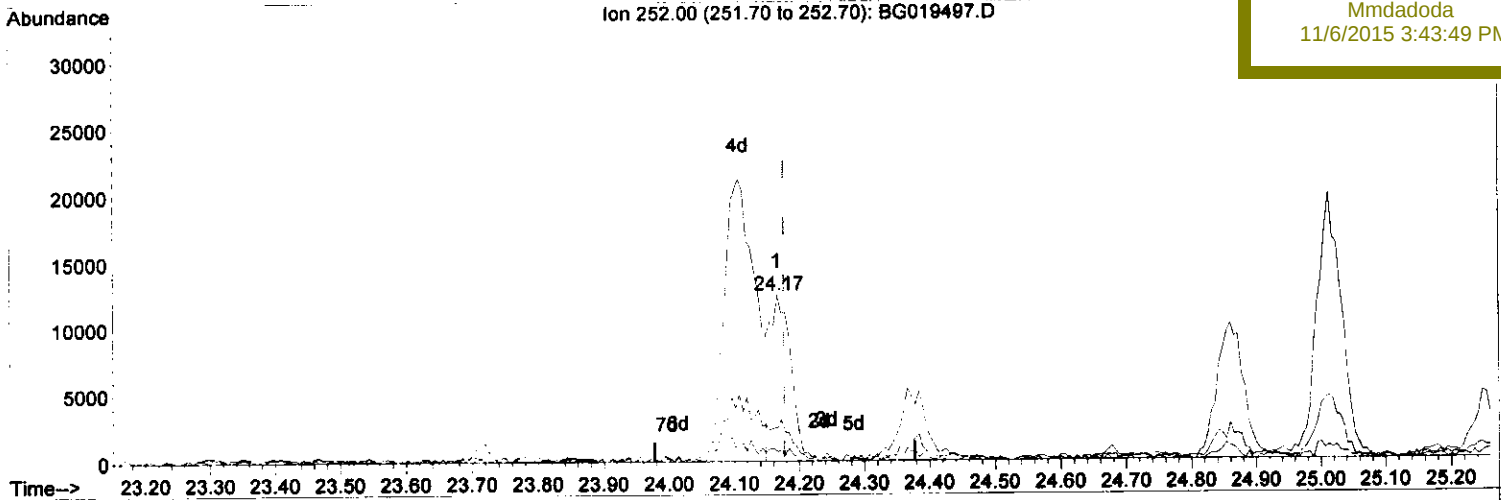
Data Path : Z:\HPCHEM1\BNA G\Data\BG110515\
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(89) Benzo(k)fluoranthene

24.166min (-0.011) 1.13ng/ul m

response 28177

U.M
 11/19/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	20.02
125.00	3.90	5.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

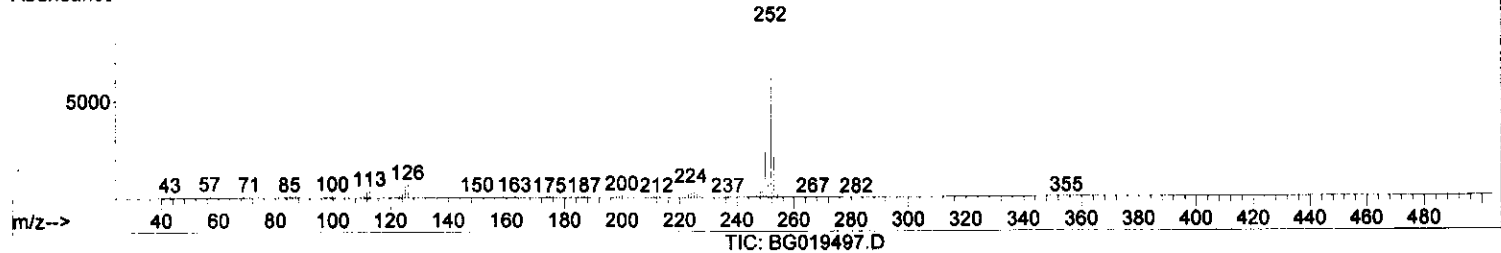
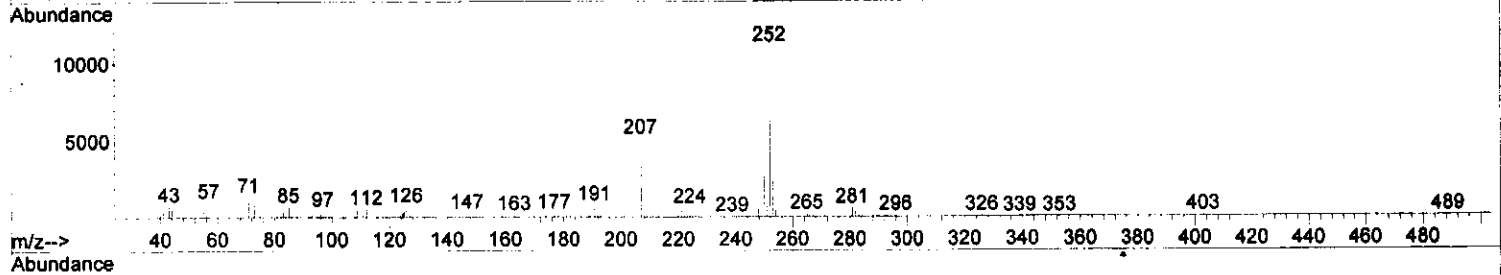
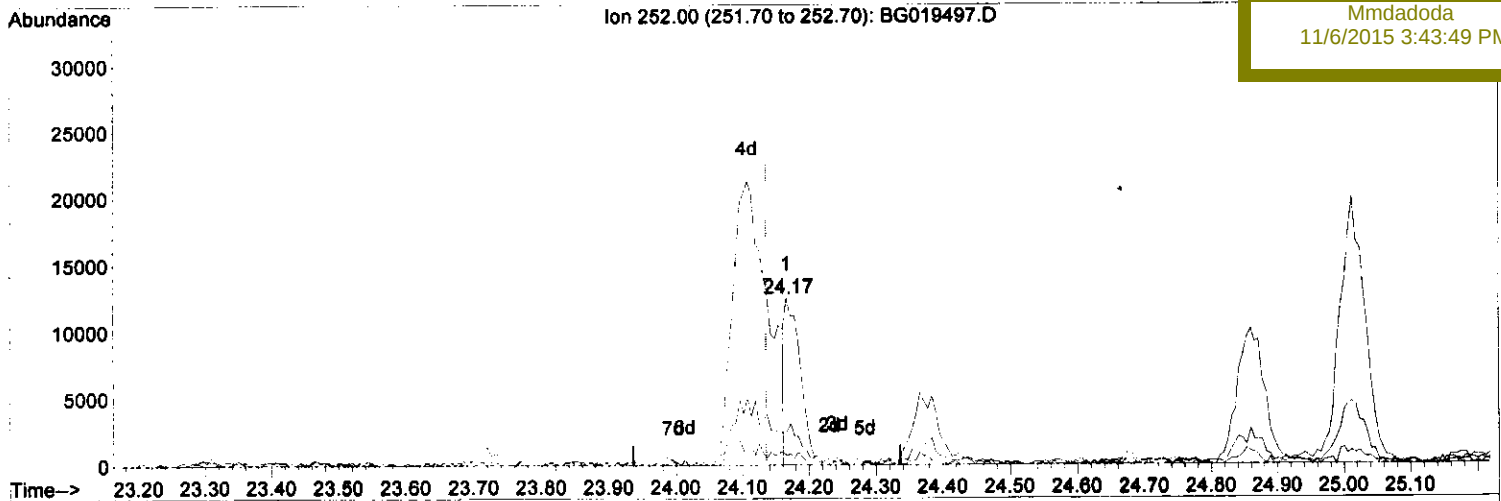
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 Acq On : 5 Nov 2015 18:02
 Operator : UM/NP
 Sample : G4273-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 18 09:28:59 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 :
 C0AP7

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:43:49 PM



(89) Benzo(k)fluoranthene

24.166min (+0.030) 0.81ng/ul

response 20224

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	20.02
125.00	3.90	5.81#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019497.D
 Acq On : 5 Nov 2015 18:02
 Operator : UM/NP
 Sample : G4273-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP7

Quant Time: Nov 06 06:40:59 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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 11/6/2015 3:43:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	37870	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	157203	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	124939	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	347712	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	459083	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	440023	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.48	96	3352	4.24	ng/uL	0.00
5) Phenol-d5	7.33	99	64080	18.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	45293	20.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	40897	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	52951	19.12	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	22414	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	26912	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	54994	18.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	64464	21.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	204786	19.88	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	226315	19.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	29780	18.20	ng/ul	-0.01
58) Fluorene-d10	15.79	176	184725	19.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	38863	17.27	ng/ul	0.00
71) Anthracene-d10	17.64	188	326900	20.62	ng/ul	0.00
79) Pyrene-d10	19.92	212	410957	20.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	457221	20.71	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
34) 2-Methylnaphthalene	12.65	142	8557	1.35	ng/ul		94
35) 1-Methylnaphthalene	12.87	142	7297	1.22	ng/ul#		82
45) Dimethylphthalate	14.25	163	96692	9.18	ng/ul		100
50) Acenaphthene	14.87	153	39908	5.06	ng/ul		88
54) Dibenzofuran	15.21	168	35543	3.06	ng/ul		99
59) Fluorene	15.85	166	48346	4.77	ng/ul#		95
70) Phenanthrene	17.59	178	258062	14.71	ng/ul		95
72) Anthracene	17.68	178	97607	5.46	ng/ul		96
77) Fluoranthene	19.59	202	252478	11.11	ng/ul#		96
80) Pyrene	19.95	202	183034	7.10	ng/ul#		95
83) Benzo(a)anthracene	21.80	228	88493	3.31	ng/ul		96
84) Bis(2-ethylhexyl)phthalate	21.69	149	15354	1.29	ng/ul#		96
85) Chrysene	21.87	228	75024	2.99	ng/ul		97
88) Benzo(b)fluoranthene	24.11	252	70670	2.72	ng/ul#		95
89) Benzo(k)fluoranthene	24.17	252	28177m	1.13	ng/ul		
91) Benzo(a)pyrene	25.01	252	52990	2.13	ng/ul#		93

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