

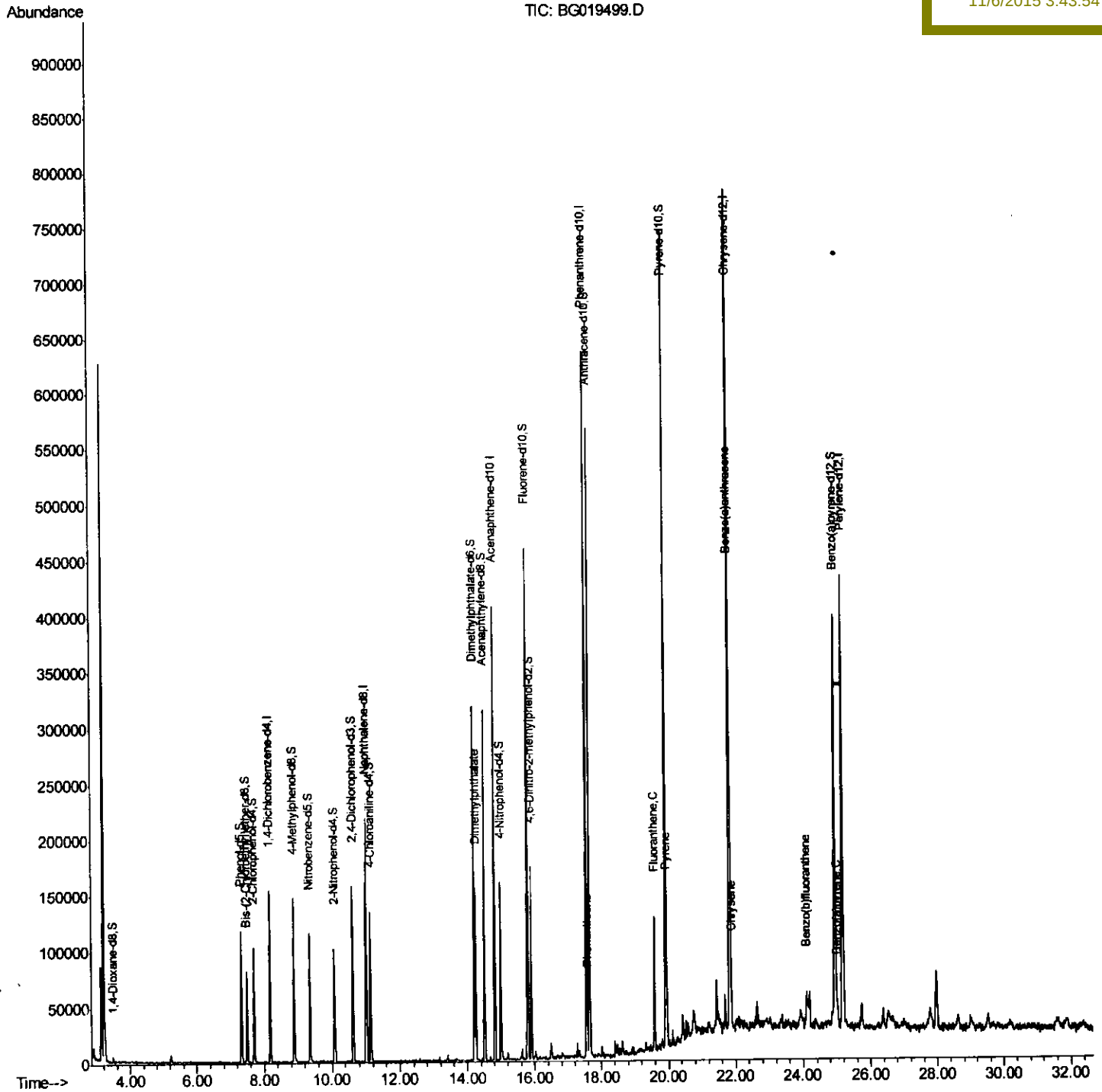
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019499.D
Acq On : 5 Nov 2015 19:19
Operator : UM/NP
Sample : G4273-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 06 06:47:46 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

Instrument :
BNA G
ClientSampleId :
C0AP9

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:43:54 PM



Quantitation Report (Qedit)

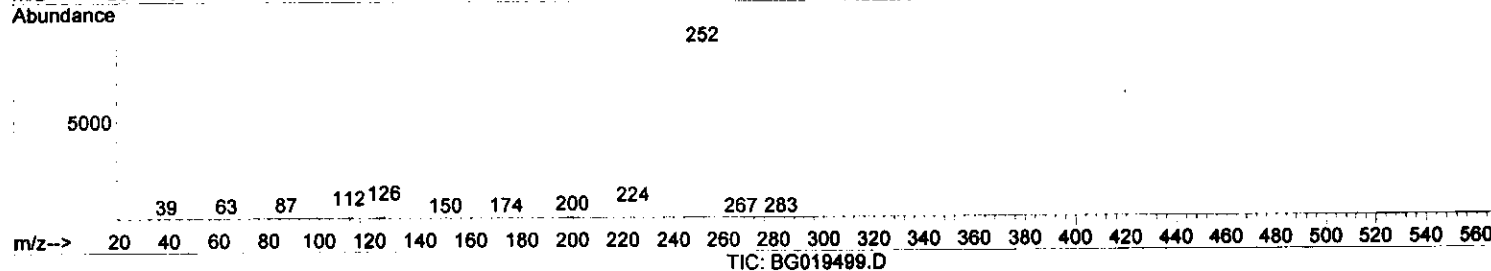
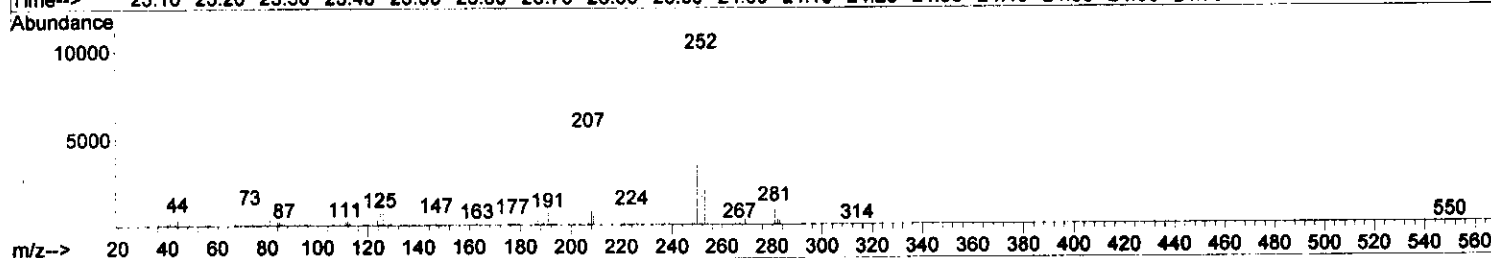
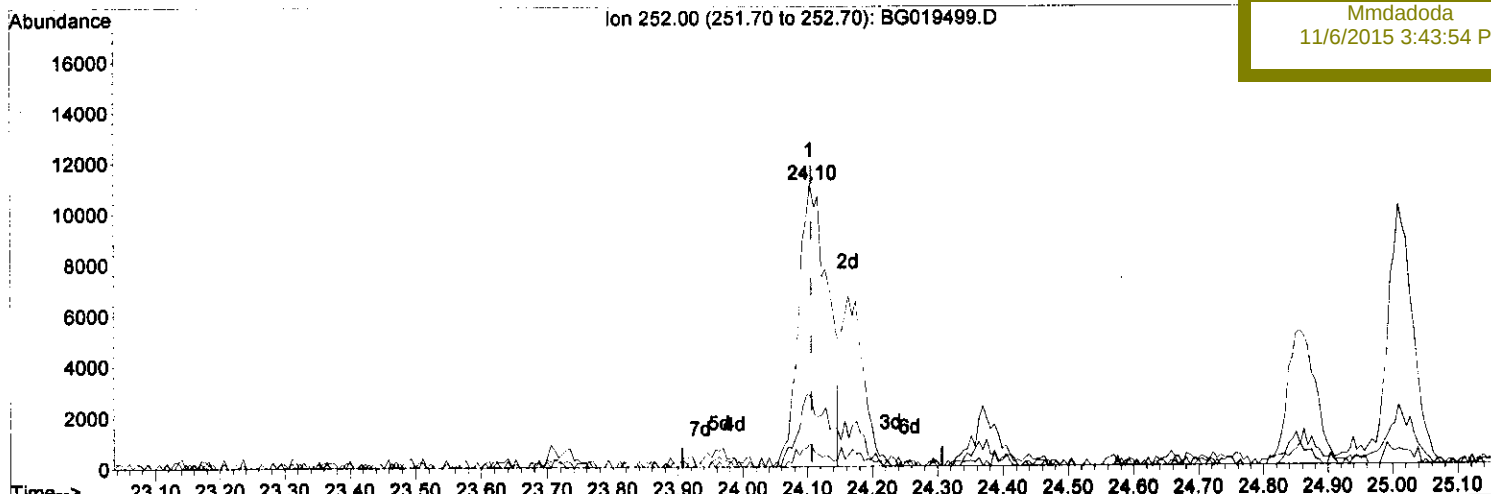
Data Path : Z:\HPCHEM1\BNA G\Data\BG110515\
 Data File : BG019499.D
 Acq On : 5 Nov 2015 19:19
 Operator : UM/NP
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Instrument :
 BNA_G
 ClientSampleId :
 COAP9

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:43:54 PM



(88) Benzo(b)fluoranthene

24.105min (-0.002) 1.29ng/ul m

response 34933

Y.M
 11/19/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.25
125.00	3.10	8.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

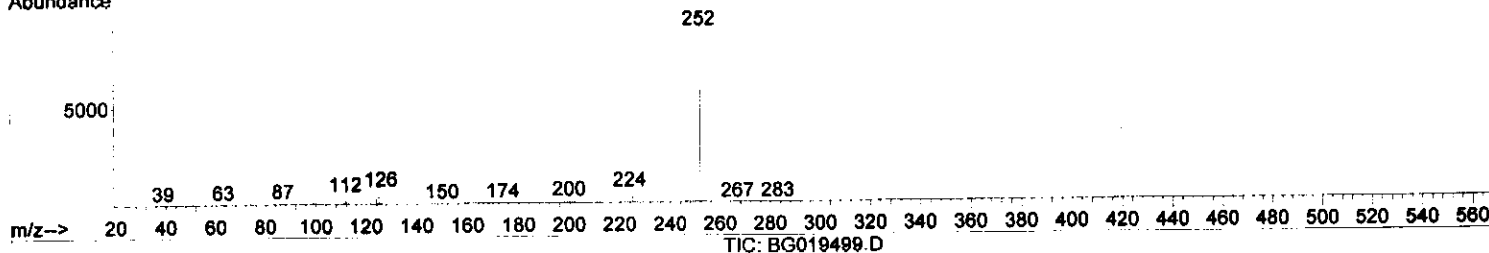
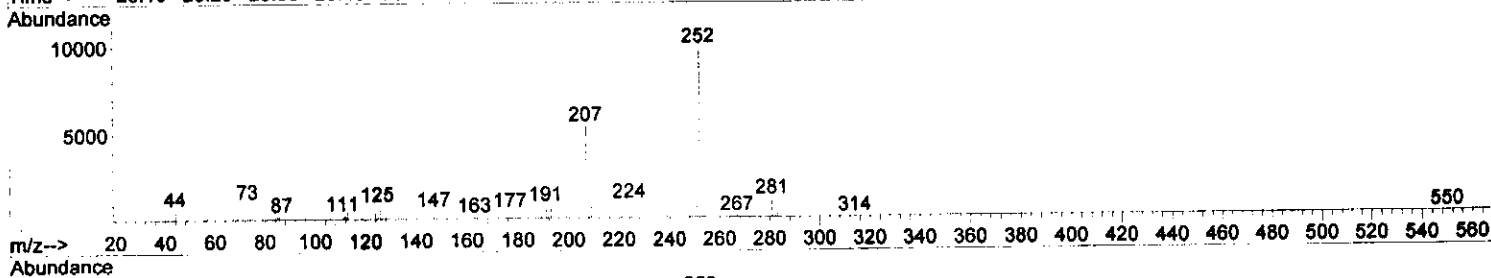
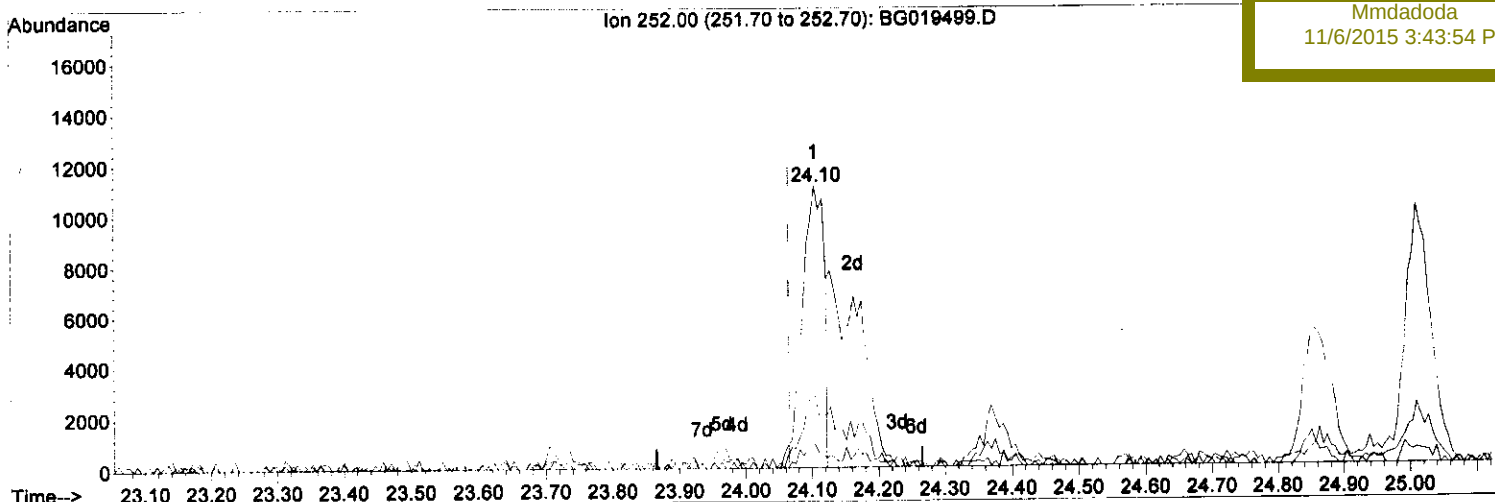
Data Path : Z:\HPCHEM1\BNA G\Data\BG110515\
 Data File : BG019499.D
 Acq On : 5 Nov 2015 19:19
 Operator : UM/NP
 Sample : G4273-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 18 09:30:45 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
 Client Sample Id :
 C0AP9

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:43:54 PM



(88) Benzo(b)fluoranthene

24.105min (+0.039) 0.96ng/ul

response 25812

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.25
125.00	3.10	8.27#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019499.D
 Acq On : 5 Nov 2015 19:19
 Operator : UM/NP
 Sample : G4273-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP9

Quant Time: Nov 06 06:47:46 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 3:43:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36951	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	163147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	131190	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	369665	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	476475	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	458271	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2460	3.19	ng/uL	0.00
5) Phenol-d5	7.32	99	62760	18.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	40364	18.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	38196	18.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	49935	18.48	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	19999	16.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	23657	16.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	50655	16.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	57310	18.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	199971	18.49	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	218675	18.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	27310	15.89	ng/ul	0.00
58) Fluorene-d10	15.80	176	182200	18.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	35326	14.76	ng/ul	0.00
71) Anthracene-d10	17.65	188	315638	18.73	ng/ul	0.00
79) Pyrene-d10	19.92	212	376360	18.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	420321	18.28	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	87912	7.95	ng/ul	99
70) Phenanthrene	17.59	178	22675	1.22	ng/ul#	92
77) Fluoranthene	19.59	202	74053	3.07	ng/ul#	95
80) Pyrene	19.95	202	61299	2.29	ng/ul#	97
83) Benzo(a)anthracene	21.81	228	37723	1.36	ng/ul	94
85) Chrysene	21.87	228	31193	1.20	ng/ul#	92
88) Benzo(b)fluoranthene	24.10	252	34933m	1.29	ng/ul	
91) Benzo(a)pyrene	25.01	252	26354	1.01	ng/ul#	94

U.M
 11/19/15

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