

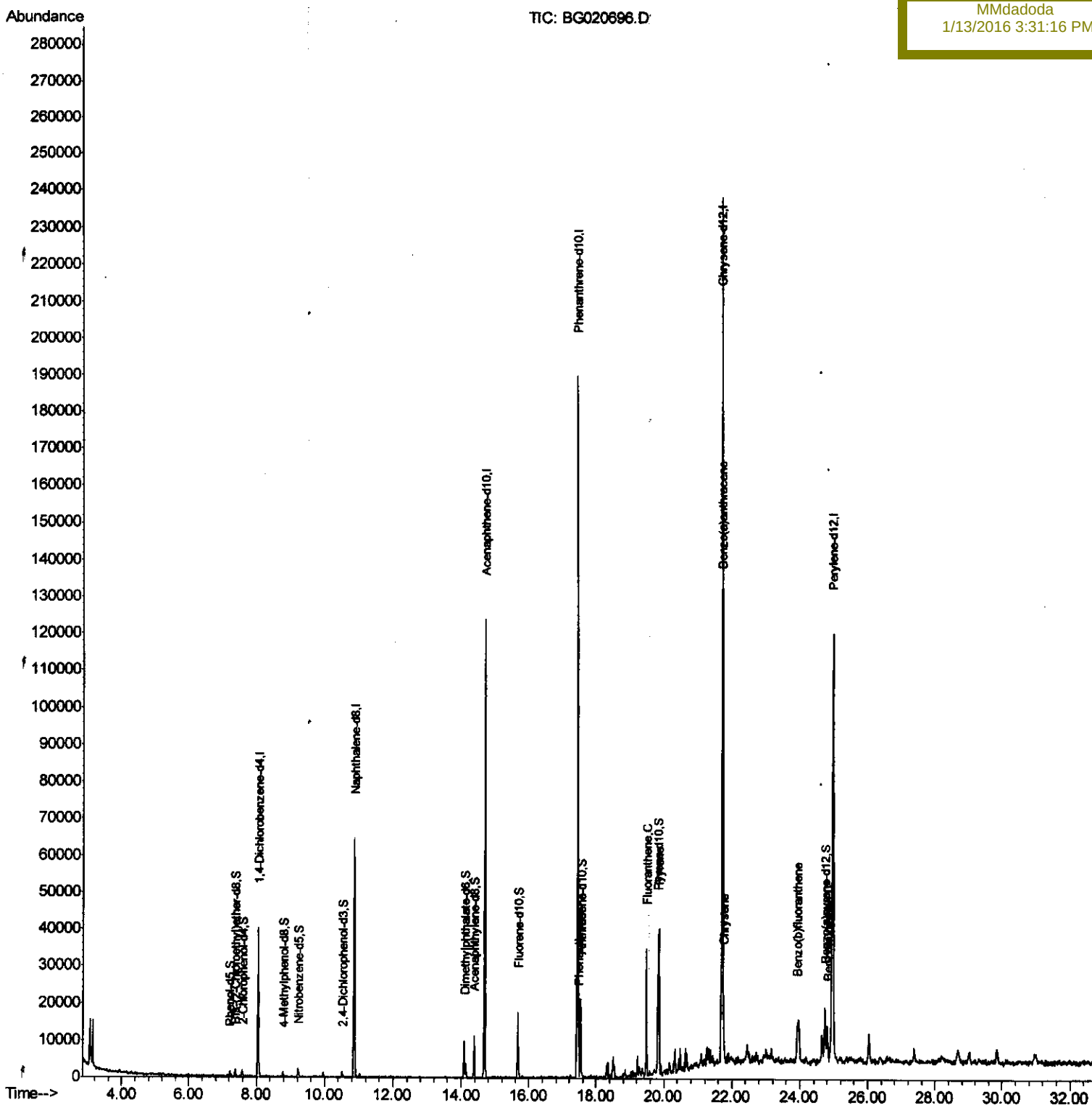
Data Path : Z:\HPCHEM1\BNA G\Data\BG011216\
 Data File : BG020696.D
 Acq On : 13 Jan 2016 7:37
 Operator : SJ/IZ
 Sample : H1094-09 10X
 Misc :
 A/S Vial : 24 Sample Multiplier: 1

Quant Time: Jan 13 10:52:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampled :
 BC960

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:31:16 PM



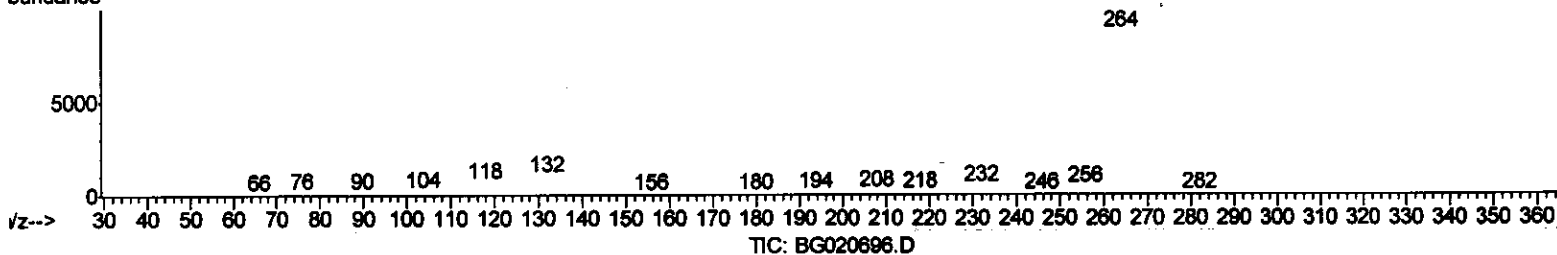
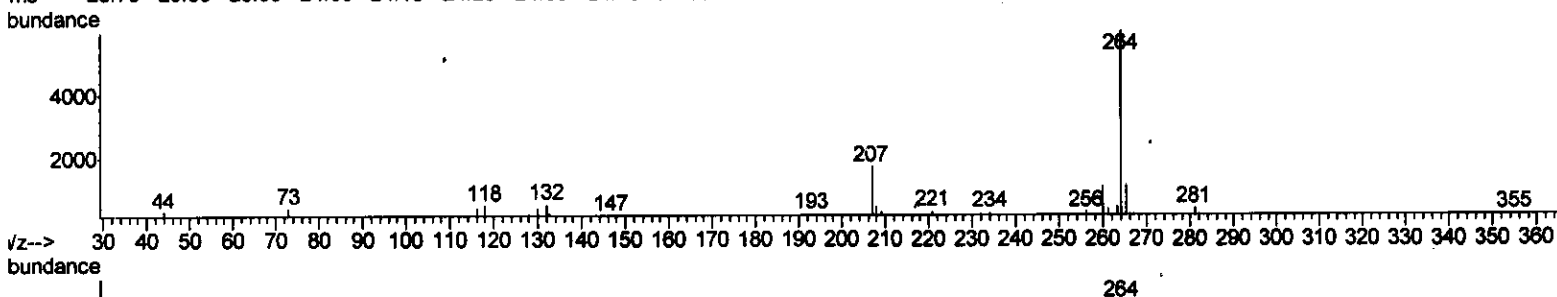
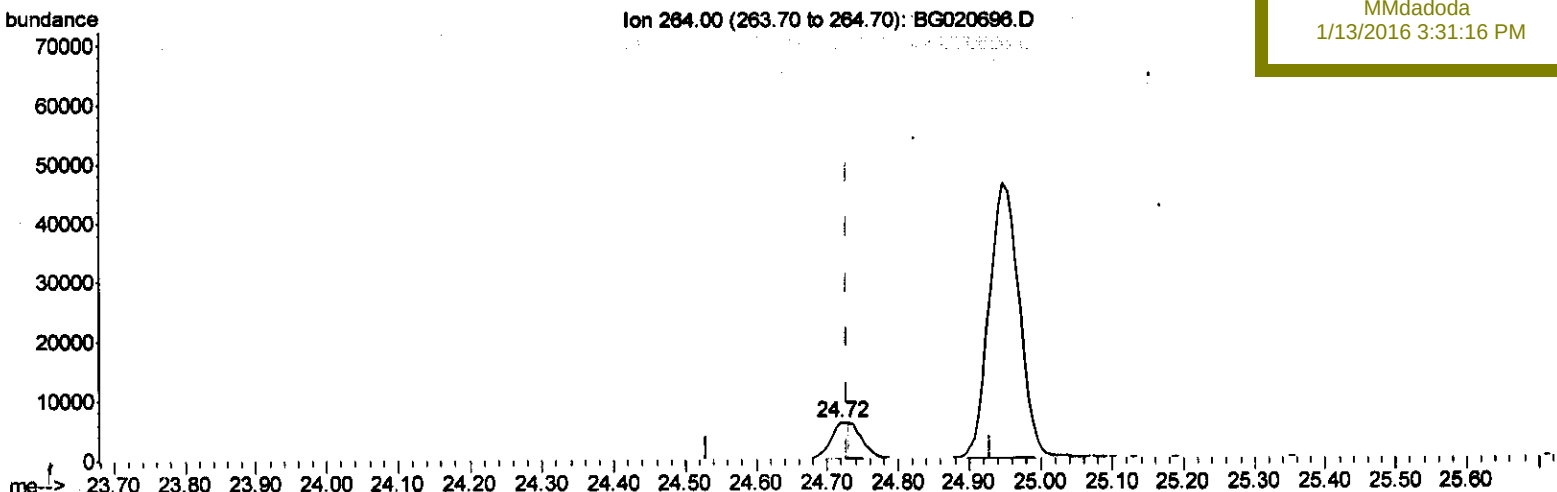
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 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 13 10:43:30 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
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 ClientSampleId :
 BC960

Manual Integrations
 APPROVED

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(90) Benzo(a)pyrene-d12 (S)

24.719min (-0.011) 1.49ng/ul

response 10800

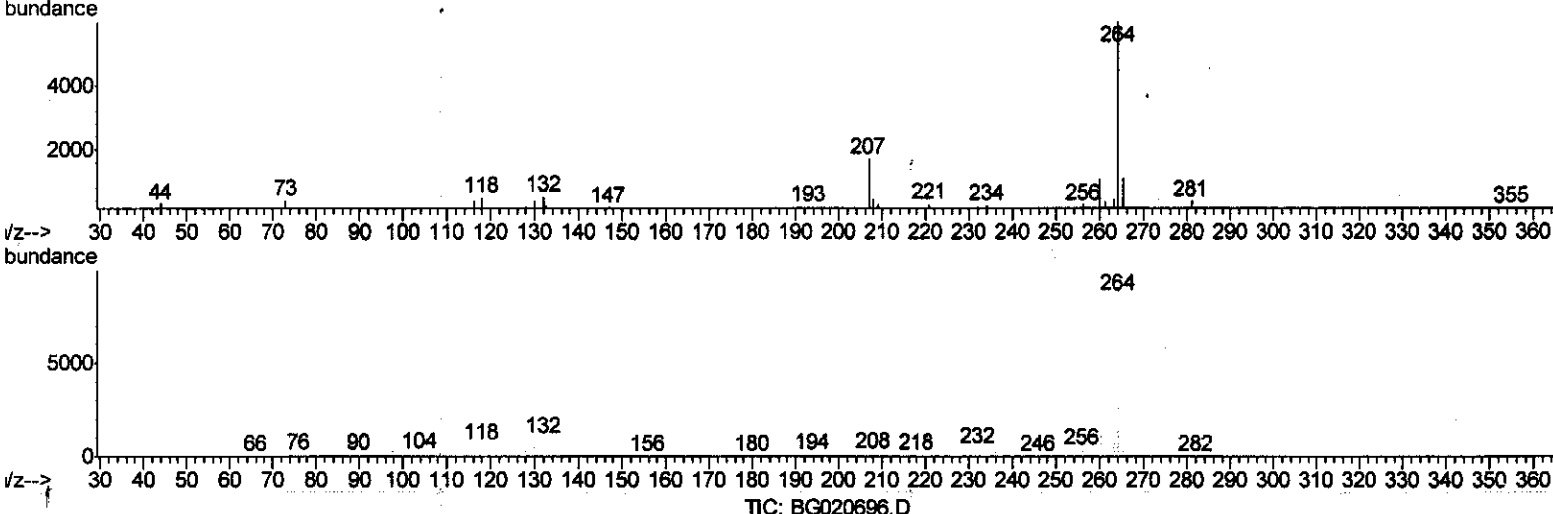
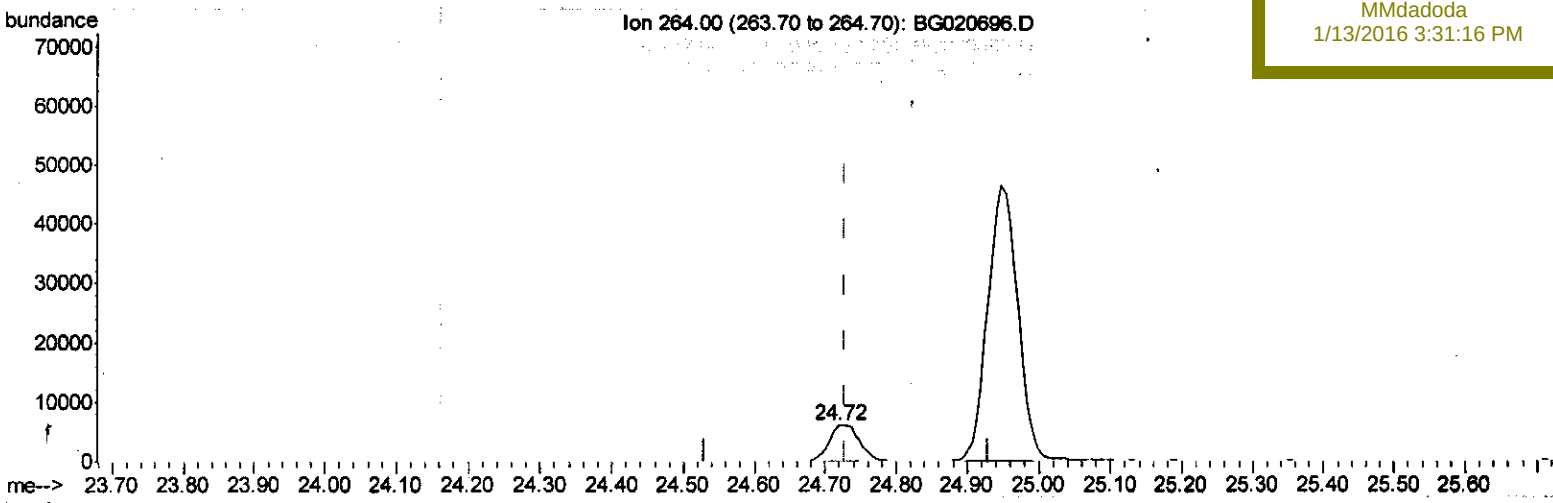
Ion	Exp%	Act%
264.00	100	100
132.00	10.70	12.75
118.00	6.10	8.21#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG011216\
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 Acq On : 13 Jan 2016 7:37
 Operator : SJ/IZ
 Sample : H1094-09 10X
 Misc :
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Quant Time: Jan 13 10:43:30 2016
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Instrument :
 BNA_G
 ClientSampleId :
 BC960

Manual Integrations
 APPROVED
 MMdadoda
 1/13/2016 3:31:16 PM



(90) Benzo(a)pyrene-d12 (S)

24.719min (-0.011) 2.44ng/ul m

response 17647

S.3
01/13/16

Ion	Exp%	Act%
264.00	100	100
132.00	10.70	8.73
118.00	6.10	8.21#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG011216\
 Data File : BG020696.D
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 Operator : SJ/IZ
 Sample : H1094-09 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC960

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:31:16 PM

Quant Time: Jan 13 10:52:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 Last Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	12674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	57974	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	44022	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	124022	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	146287	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	135702	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.22	99	1764	1.62	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.37	67	1299	1.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	1444	1.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	1160	1.27	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	798	1.74	ng/ul	0.02
22) 2-Nitrophenol-d4	9.94	143	516	0.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	1448	1.43	ng/ul	0.02
29) 4-Chloroaniline-d4	11.01	131	677	0.68	ng/ul	0.01
44) Dimethylphthalate-d6	14.08	166	8955	2.33	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	10373	2.40	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.67	176	8899	2.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	216	0.32	ng/ul	0.00
71) Anthracene-d10	17.53	188	14432	2.37	ng/ul	0.00
79) Pyrene-d10	19.81	212	19470	2.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	17647m	2.44	ng/ul	-0.01

Target Compounds

					Ovalue
70) Phenanthrene	17.47	178	9185	1.24	ng/ul 99
77) Fluoranthene	19.48	202	22776	2.54	ng/ul 100
80) Pyrene	19.84	202	26942	2.90	ng/ul 98
83) Benzo(a)anthracene	21.68	228	12846	1.41	ng/ul 97
85) Chrysene	21.75	228	15036	1.74	ng/ul 98
88) Benzo(b)fluoranthene	23.91	252	15676	1.79	ng/ul# 90
91) Benzo(a)pyrene	24.80	252	12639	1.50	ng/ul 97

S-3
 01/13/16

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