

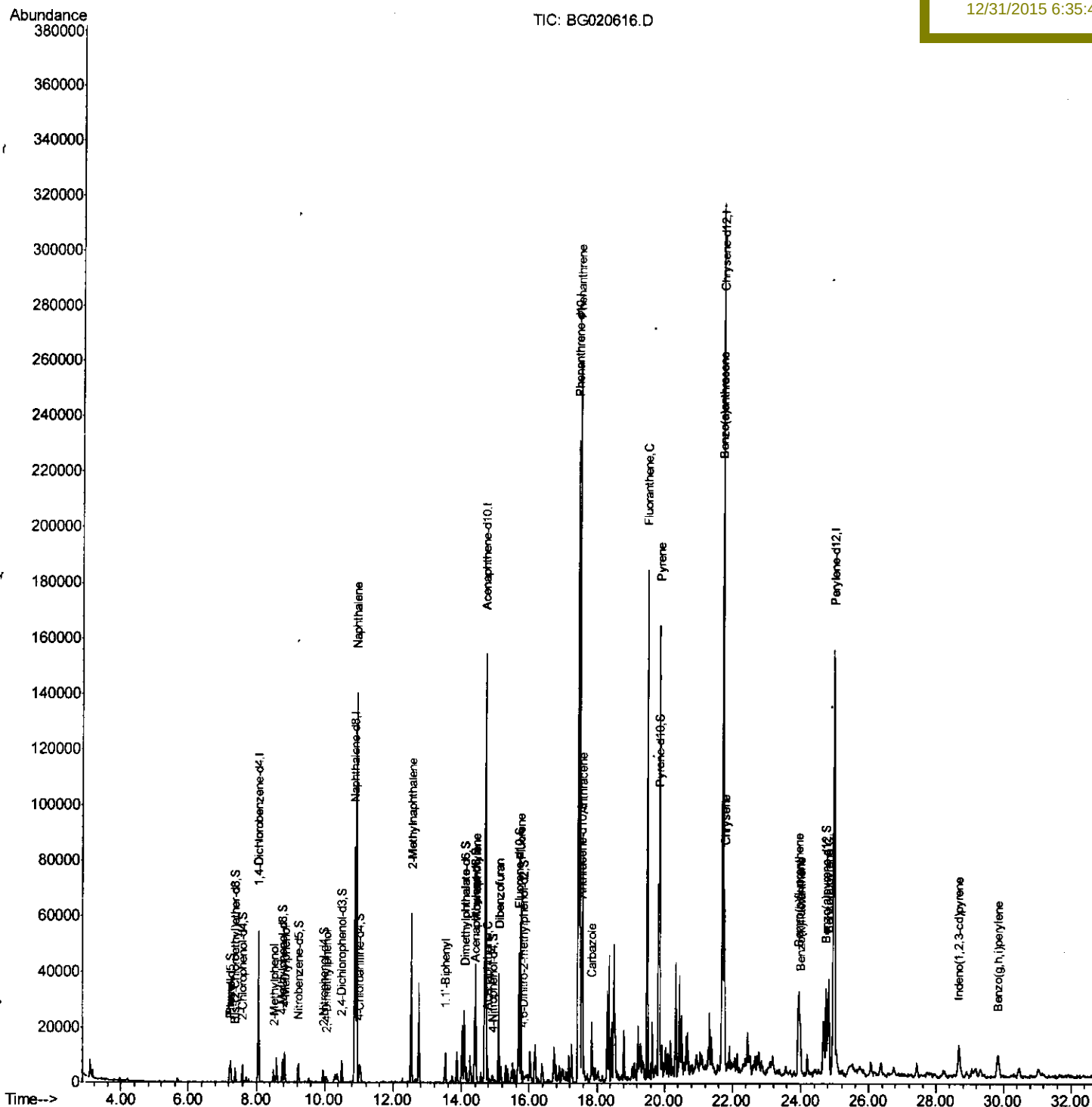
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020616.D
Acq On : 30 Dec 2015 19:50
Operator : UM/SJ
Sample : G4802-18DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 31 02:46:11 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 01:03:28 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleID :
G9D93DL

Manual Integrations
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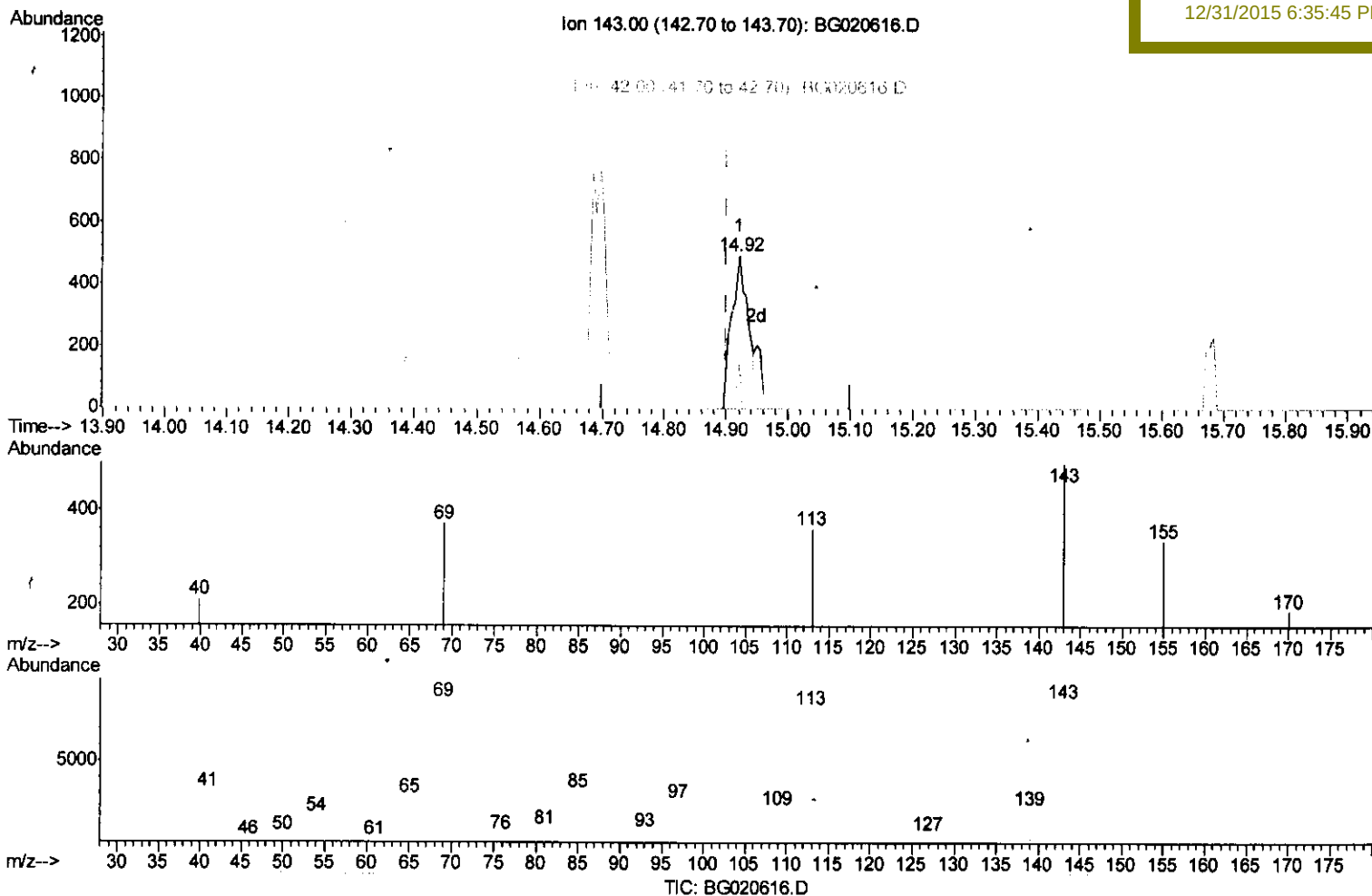
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020616.D
Acq On : 30 Dec 2015 19:50
Operator : UM/SJ
Sample : G4802-18DL'5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 31 01:10:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
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Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.920min (+0.020) 1.27ng/ul

response 911

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	72.49
41.00	32.60	0.00#
42.00	22.30	31.33#

Quantitation Report (Qedit)

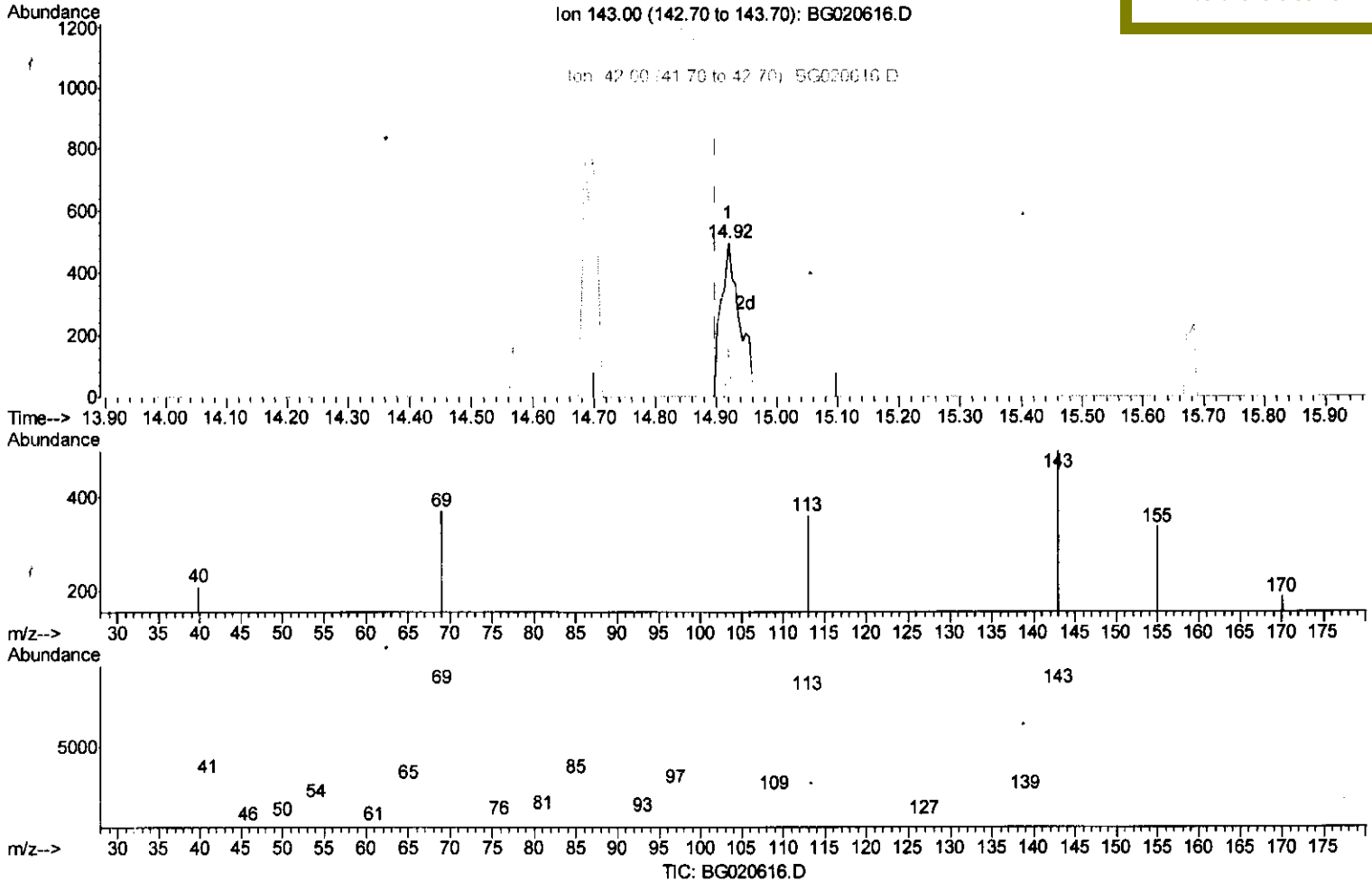
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020616.D
 Acq On : 30 Dec 2015 19:50
 Operator : UM/SJ
 Sample : G4802-18DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.920min (+0.020) 1.46ng/ul m U.M
 response 1050 11116

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	72.49
41.00	32.60	0.00#
42.00	22.30	31.33#

Quantitation Report (Qedit)

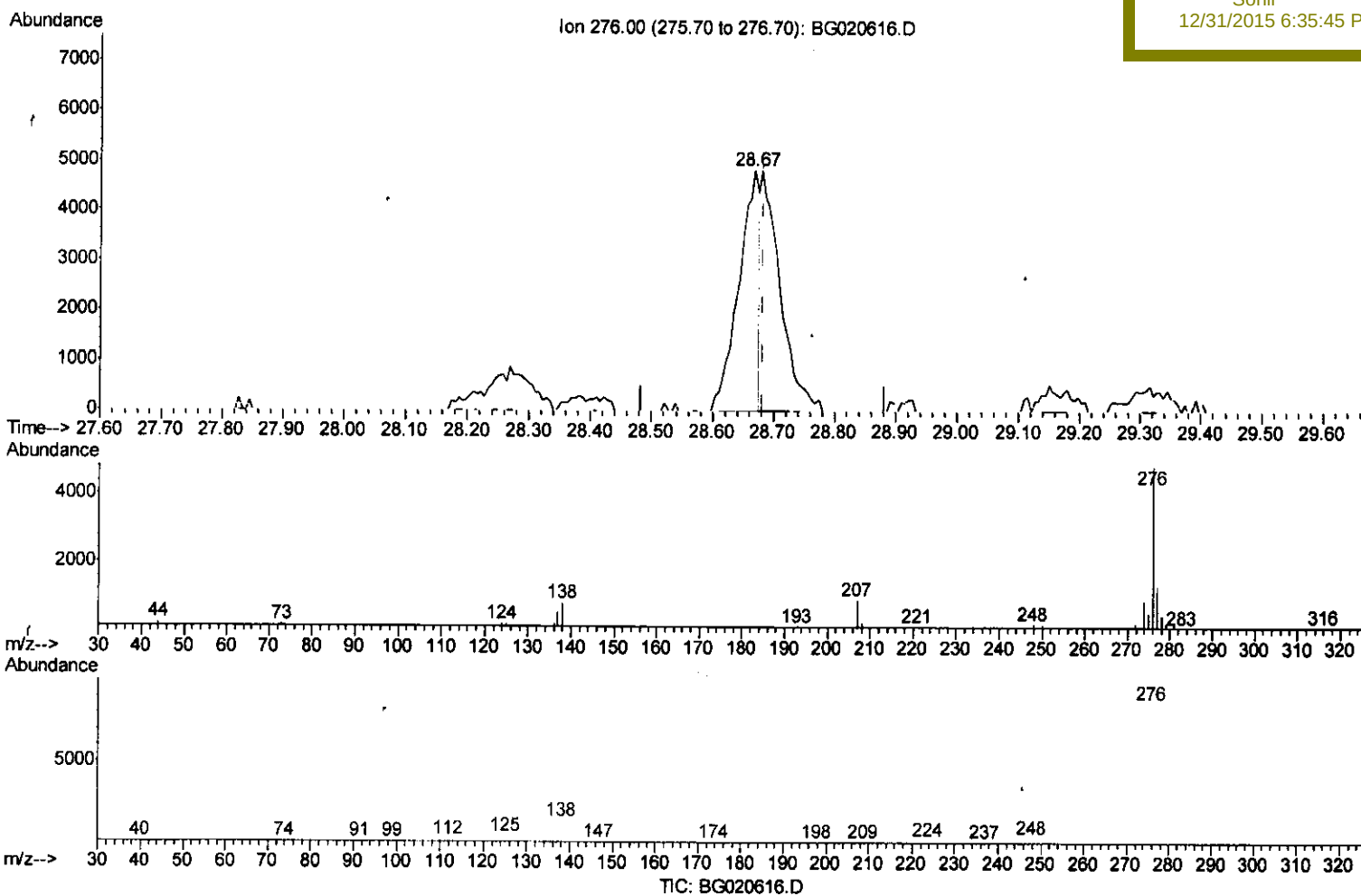
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020616.D
Acq On : 30 Dec 2015 19:50
Operator : UM/SJ
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Instrument :
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Manual Integrations
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(92) Indeno(1,2,3-cd)pyrene

28.669min (-0.015) 0.93ng/ul

response 11153

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	17.19#
277.00	23.60	27.38
0.00	0.00	0.00

Quantitation Report (Qedit)

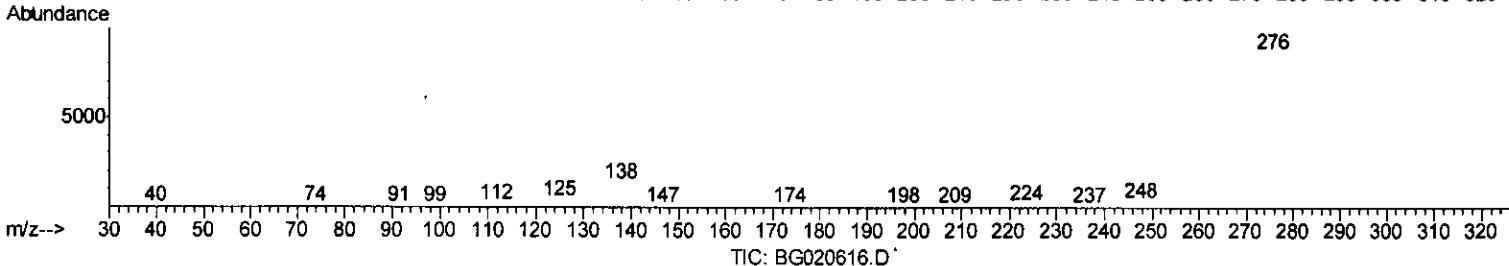
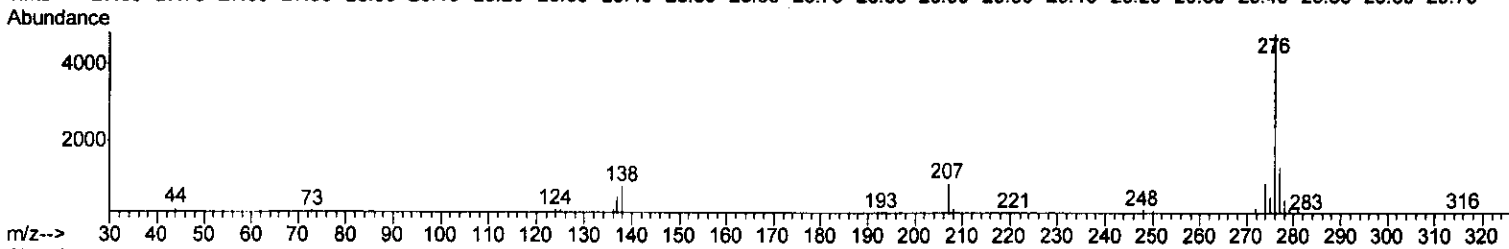
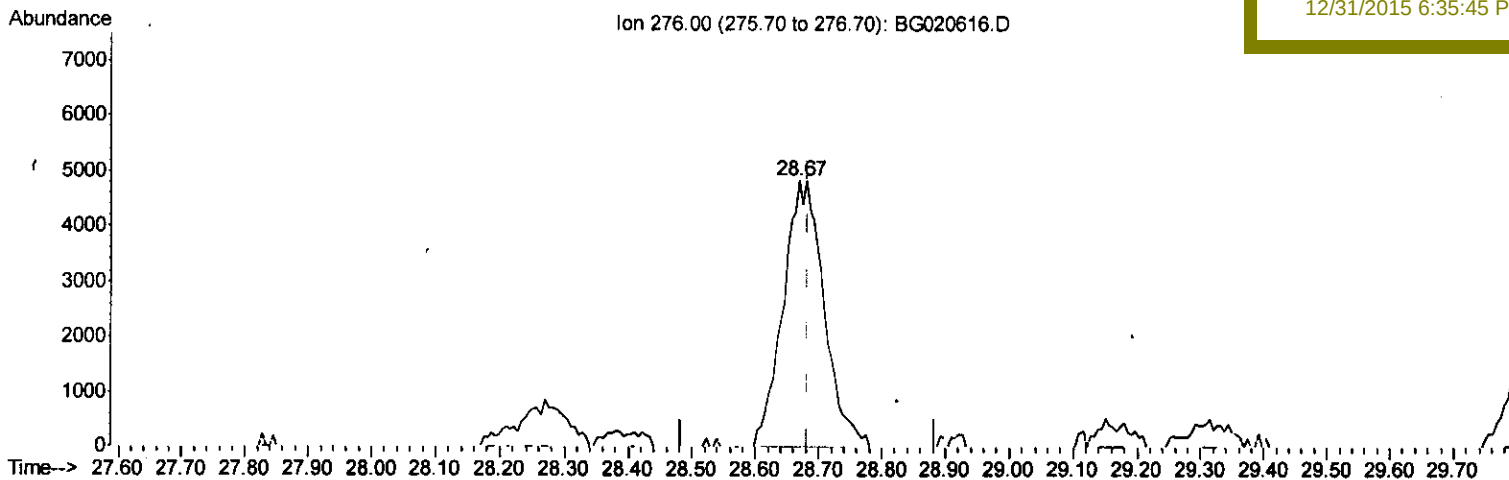
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020616.D
 Acq On : 30 Dec 2015 19:50
 Operator : UM/SJ
 Sample : G4802-18DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 31 01:10:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 01:03:28 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 G9D93DL

Manual Integrations
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(92) Indeno(1,2,3-cd)pyrene

28.669min (-0.015) 1.83ng/ul m

response 21889

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	17.19#
277.00	23.60	27.38
0.00	0.00	0.00

UM
 11116

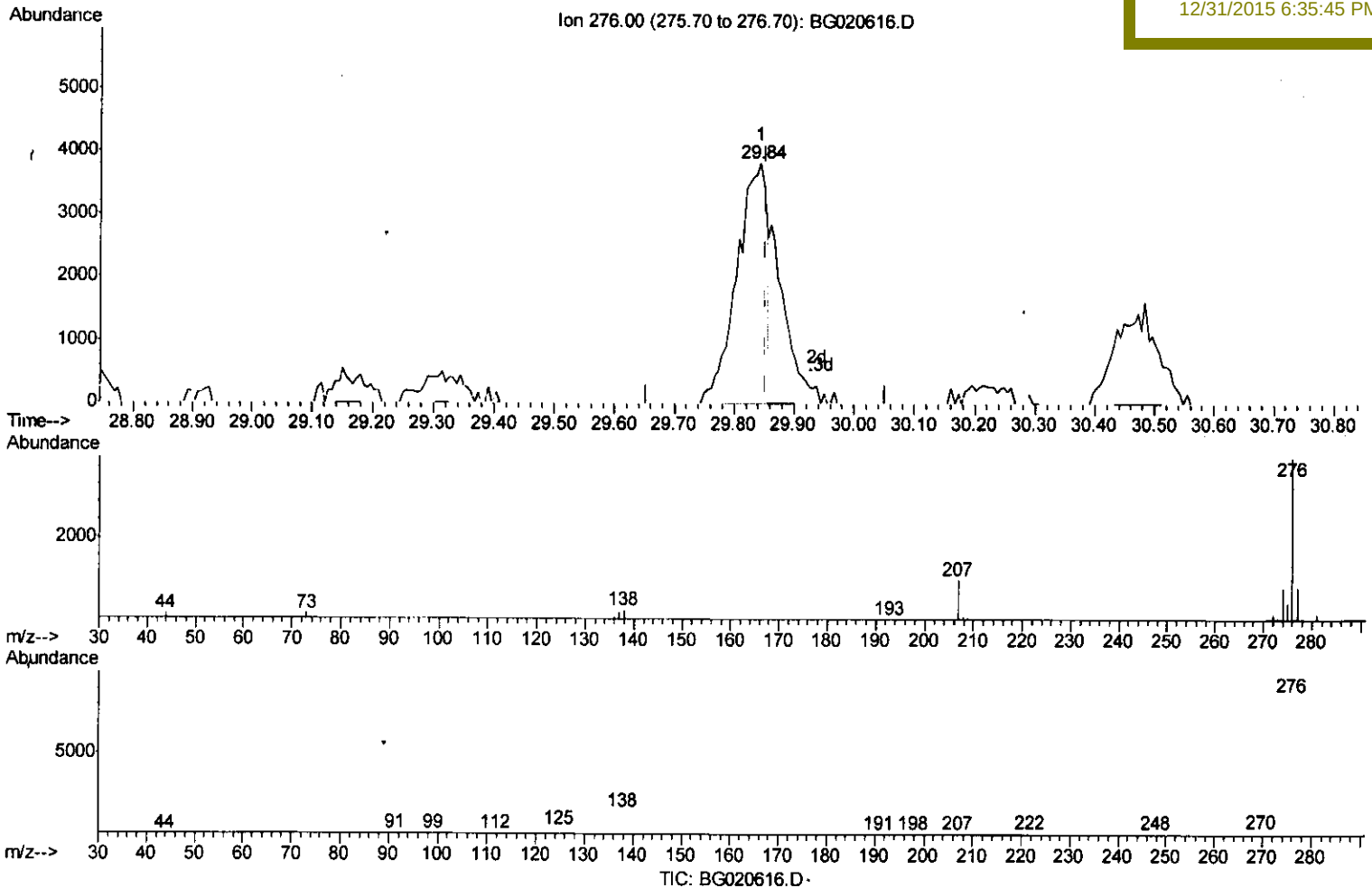
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020616.D
Acq On : 30 Dec 2015 19:50
Operator : UM/SJ
Sample : G4802-18DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 31 01:10:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 01:03:28 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleID :
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Manual Integrations
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(94) Benzo(g,h,i)perylene

29.844min (-0.009) 1.34ng/ui

response 13176

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	9.76#
277.00	23.80	23.43
0.00	0.00	0.00

Quantitation Report (Qedit)

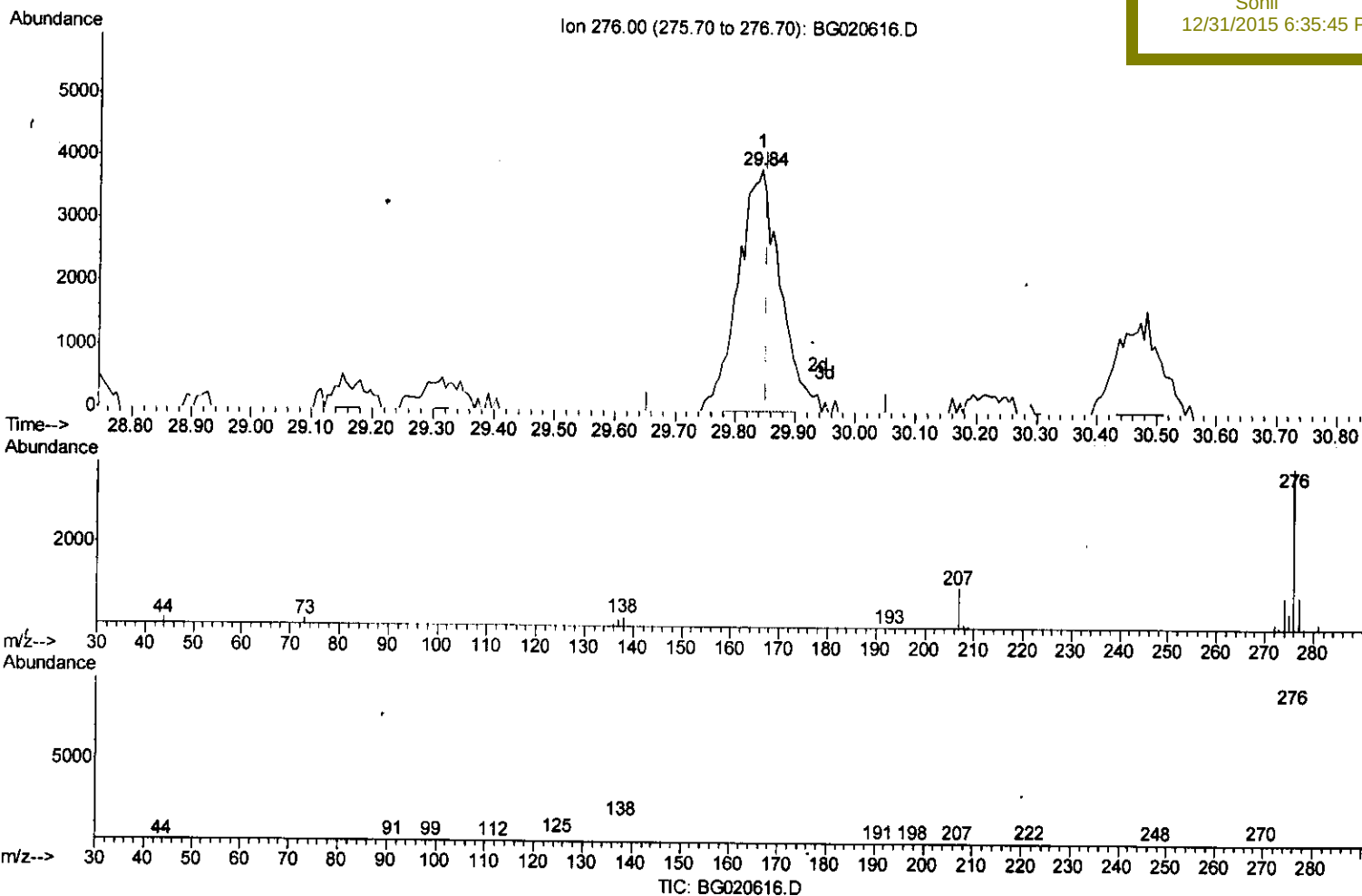
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020616.D
 Acq On : 30 Dec 2015 19:50
 Operator : UM/SJ
 Sample : G4802-18DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D93DL

Quant Time: Dec 31 01:10:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 01:03:28 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
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(94) Benzo(g,h,i)perylene

29.844min (-0.009) 1.89ng/ul m U.M
11116
 response 18585

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	9.76#
277.00	23.80	23.43
0.00	0.00	0.00

Quantitation Report (Qedit)

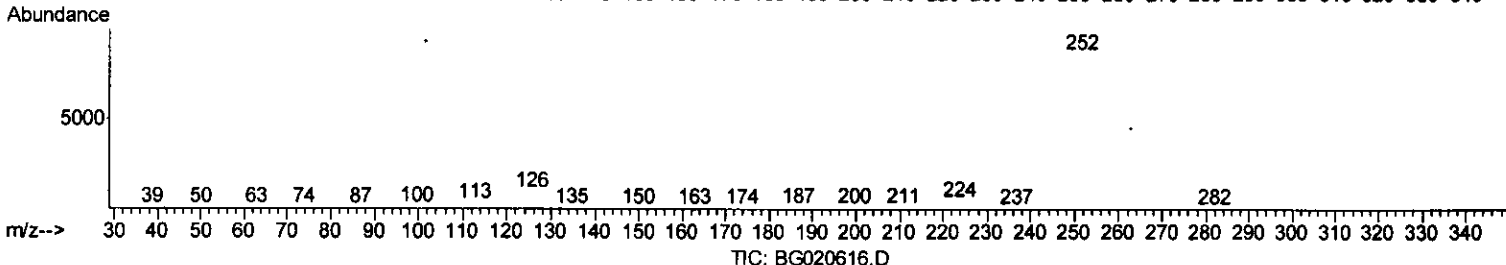
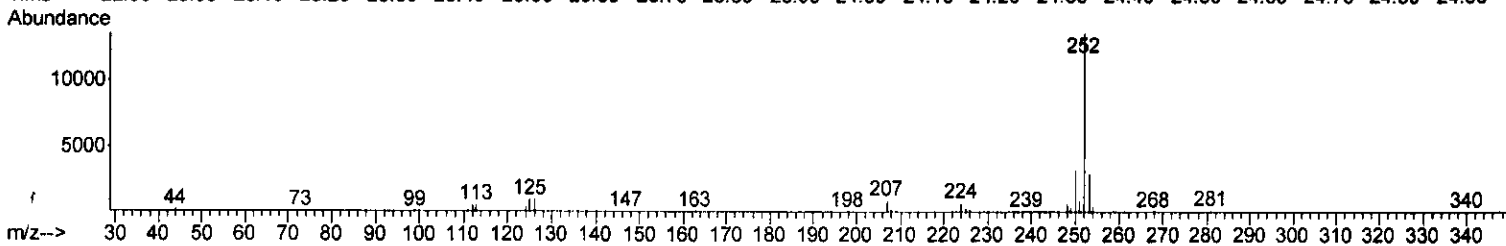
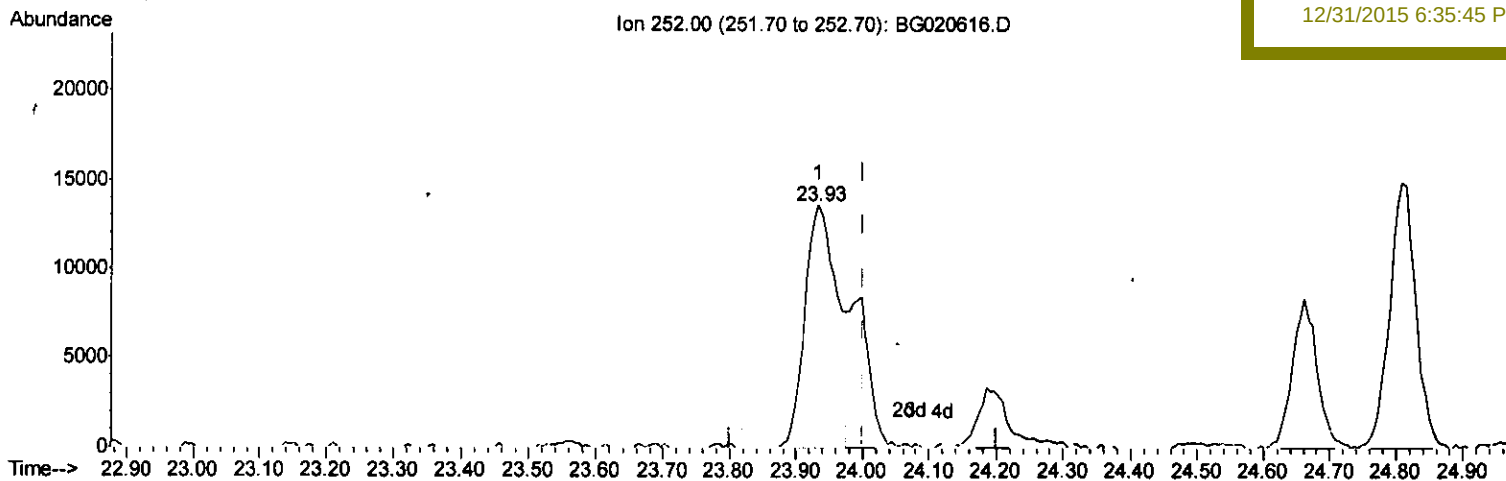
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020616.D
 Acq On : 30 Dec 2015 19:50
 Operator : UM/SJ
 Sample : G4802-18DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 31 02:43:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 01:03:28 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 G9D93DL

Manual Integrations
 APPROVED

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(89) Benzo(k)fluoranthene

23.933min (-0.068) 4.57ng/ul

response 45675

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.98
125.00	6.70	7.64
0.00	0.00	0.00

Quantitation Report (Qedit)

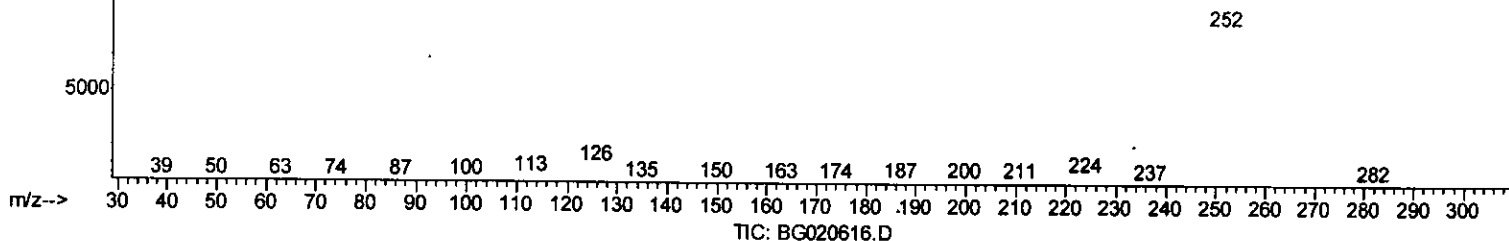
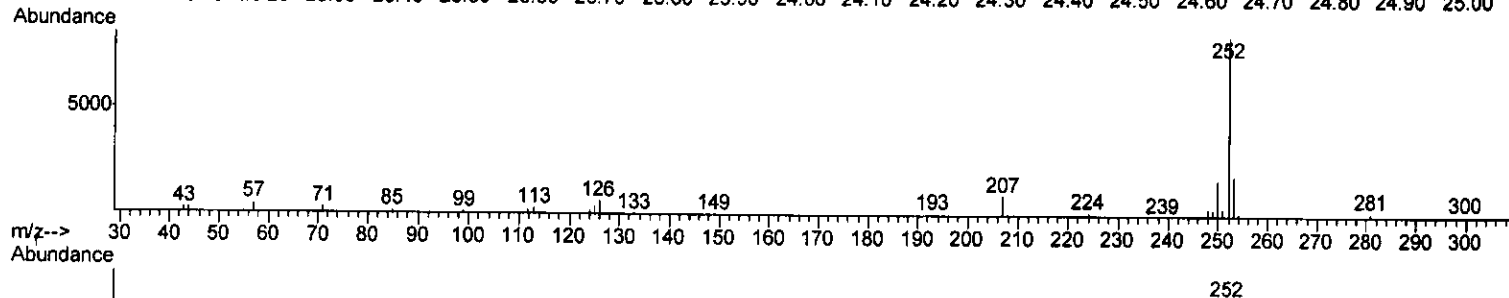
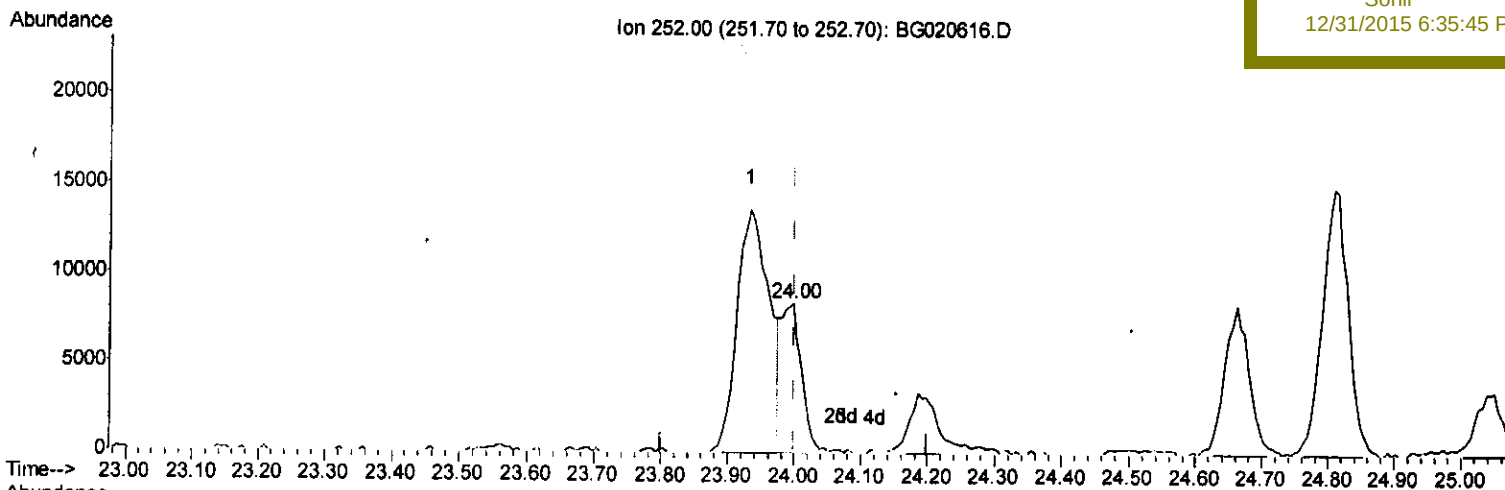
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020616.D
 Acq On : 30 Dec 2015 19:50
 Operator : UM/SJ
 Sample : G4802-18DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 31 02:43:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 01:03:28 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 G9D93DL

Manual Integrations
 APPROVED

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(89) Benzo(k)fluoranthene

23.997min (-0.003) 1.80ng/ul m U.M
 response 18032 11116

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.33
125.00	6.70	6.16
0.00	0.00	0.00

Quantitation Report (Qedit)

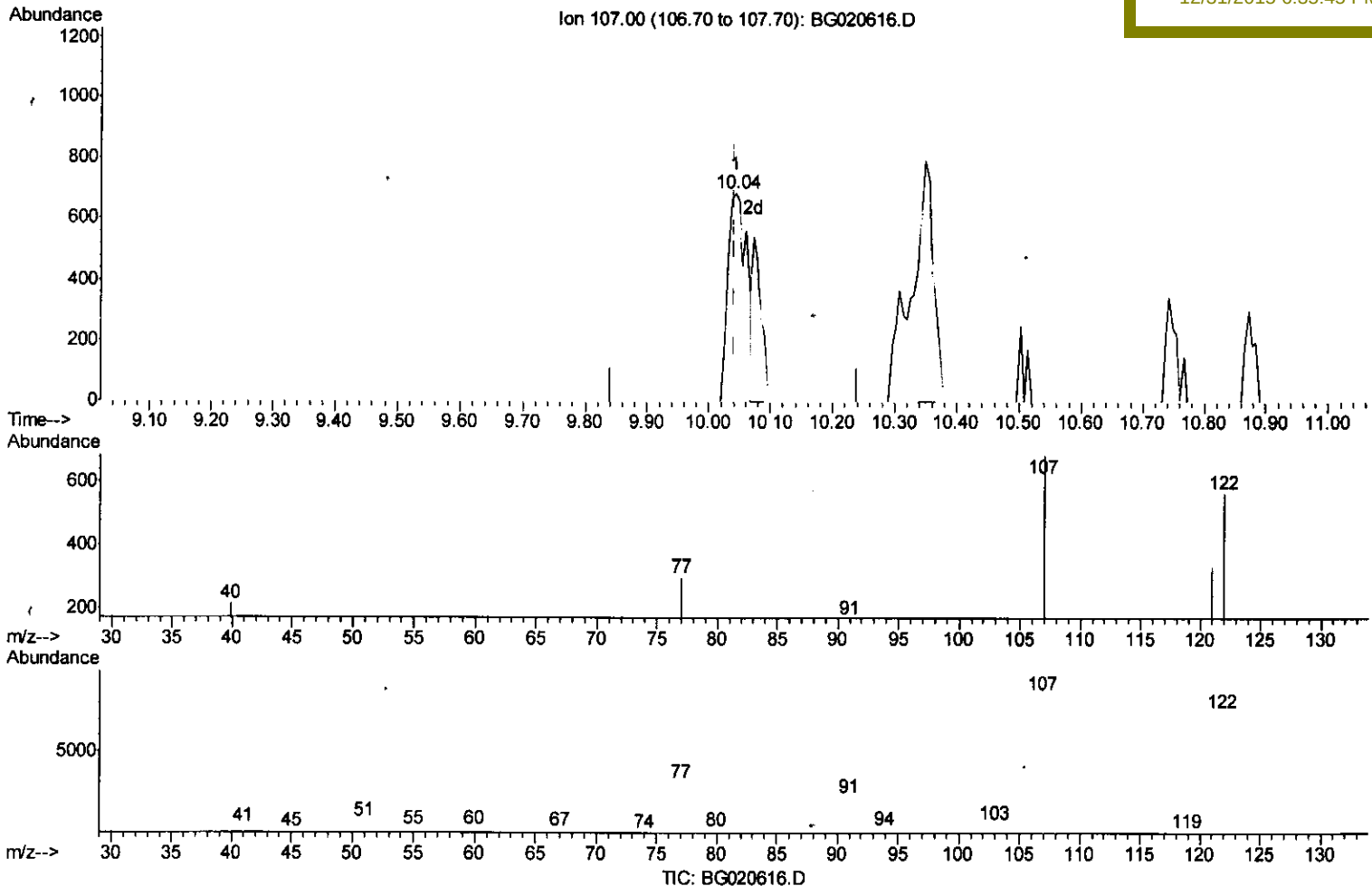
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020616.D
 Acq On : 30 Dec 2015 19:50
 Operator : UM/SJ
 Sample : G4802-18DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 G9D93DL

Quant Time: Dec 31 02:44:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 01:03:28 2015
 Response via : Initial Calibration

Manual Integrations
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(24) 2,4-Dimethylphenol

10.043min (+0.002) 0.98ng/ul

response 1453

Ion	Exp%	Act%
107.00	100	100
121.00	47.60	48.54
122.00	79.80	82.65
0.00	0.00	0.00

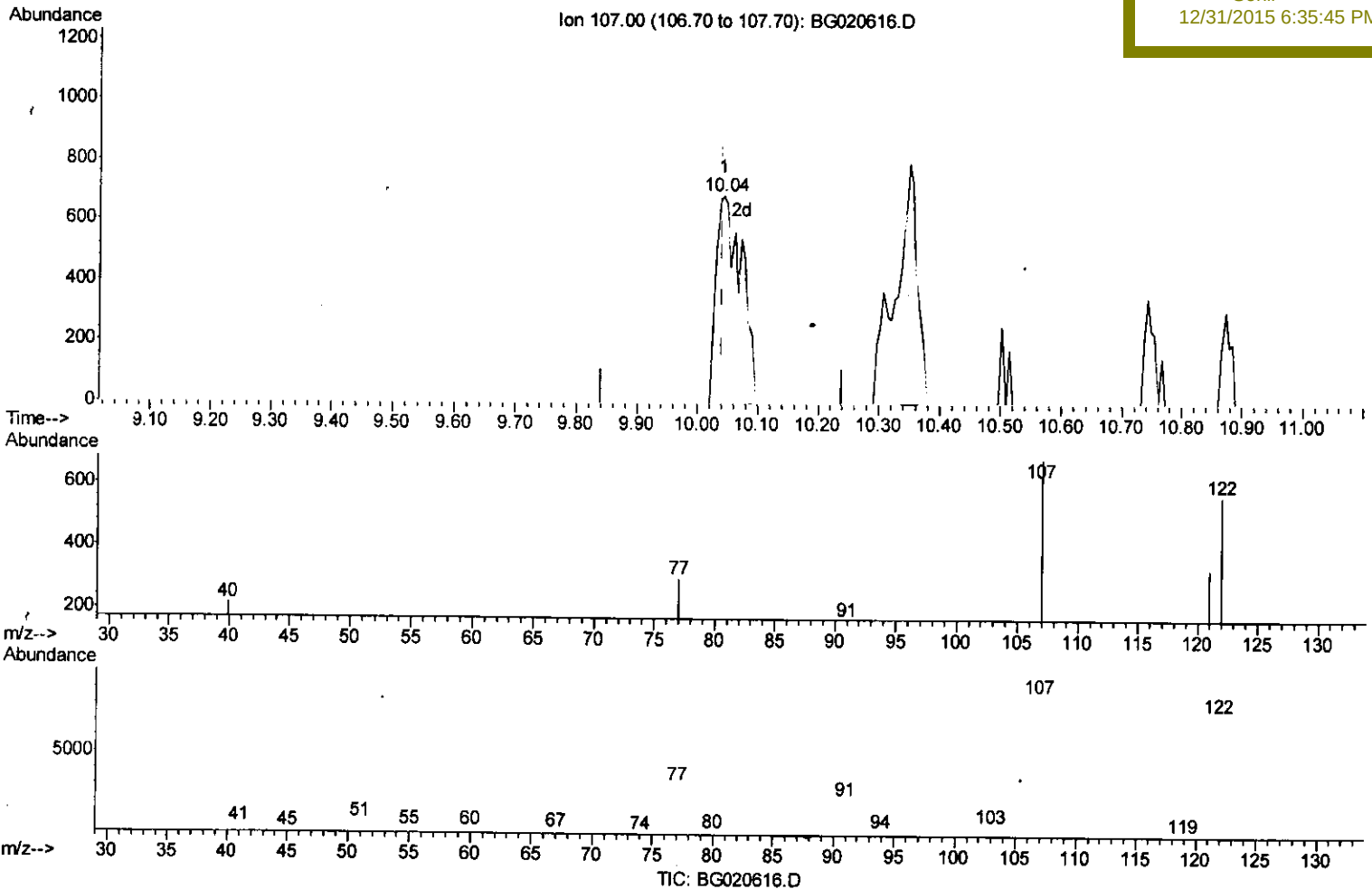
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020616.D
Acq On : 30 Dec 2015 19:50
Operator : UM/SJ
Sample : G4802-18DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 31 02:44:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 01:03:28 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
G9D93DL

Manual Integrations
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(24) 2,4-Dimethylphenol

10.043min (+0.002) 1.33ng/ul m U.M
1/1/16

response 1982

Ion	Exp%	Act%
107.00	100	100
121.00	47.60	48.54
122.00	79.80	82.65
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020616.D
 Acq On : 30 Dec 2015 19:50
 Operator : UM/SJ
 Sample : G4802-18DL 5X
 Misc :
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Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	16972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	74518	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	55981	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	149467	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	182822	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	175624	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	4581	3.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	3328	3.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	4187	3.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	4538	3.69	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	2189	3.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	2458	3.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	4584	3.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	5419	3.60	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	19532	4.26	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	21911	4.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	1050m	1.46	ng/ul	0.02
58) Fluorene-d10	15.68	176	18579	4.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	1735	1.91	ng/ul	0.00
71) Anthracene-d10	17.54	188	30965	4.45	ng/ul	0.00
79) Pyrene-d10	19.82	212	37026	4.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	37242	4.25	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.25	94	5631	3.65	ng/ul#	91
11) 2-Methylphenol	8.50	108	1699	1.43	ng/ul	88
16) 4-Methylphenol	8.83	108	5805	4.41	ng/ul#	79
24) 2,4-Dimethylphenol	10.04	107	1982m	1.33	ng/ul	
28) Naphthalene	10.92	128	123556	31.31	ng/ul	98
34) 2-Methylnaphthalene	12.52	142	30142	10.21	ng/ul	98
41) 1,1'-Biphenyl	13.53	154	6653	1.58	ng/ul	93
48) Acenaphthylene	14.42	152	29401	5.30	ng/ul	97
50) Acenaphthene	14.76	153	4888	1.30	ng/ul	90
54) Dibenzofuran	15.09	168	26240	4.63	ng/ul	93
59) Fluorene	15.74	166	29990	6.58	ng/ul	98
70) Phenanthrene	17.48	178	170279	20.96	ng/ul	98
72) Anthracene	17.58	178	58885	7.09	ng/ul	97
75) Carbazole	17.85	167	15291	2.18	ng/ul	98
77) Fluoranthene	19.49	202	121872	12.28	ng/ul	99
80) Pyrene	19.85	202	108762	10.27	ng/ul	100
83) Benzo(a)anthracene	21.69	228	55465	5.19	ng/ul	98
85) Chrysene	21.76	228	44260	4.40	ng/ul	98
88) Benzo(b)fluoranthene	23.93	252	45675	4.38	ng/ul#	99
89) Benzo(k)fluoranthene	24.00	252	18032m	1.80	ng/ul	
91) Benzo(a)pyrene	24.81	252	40607	4.05	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.67	276	21889m	1.83	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	18585m	1.89	ng/ul	

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Misc :
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Instrument :
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ClientSampleId :
G9D93DL

Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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'(#)' = qualifier out of range (m) = manual integration (+) = signals summed