

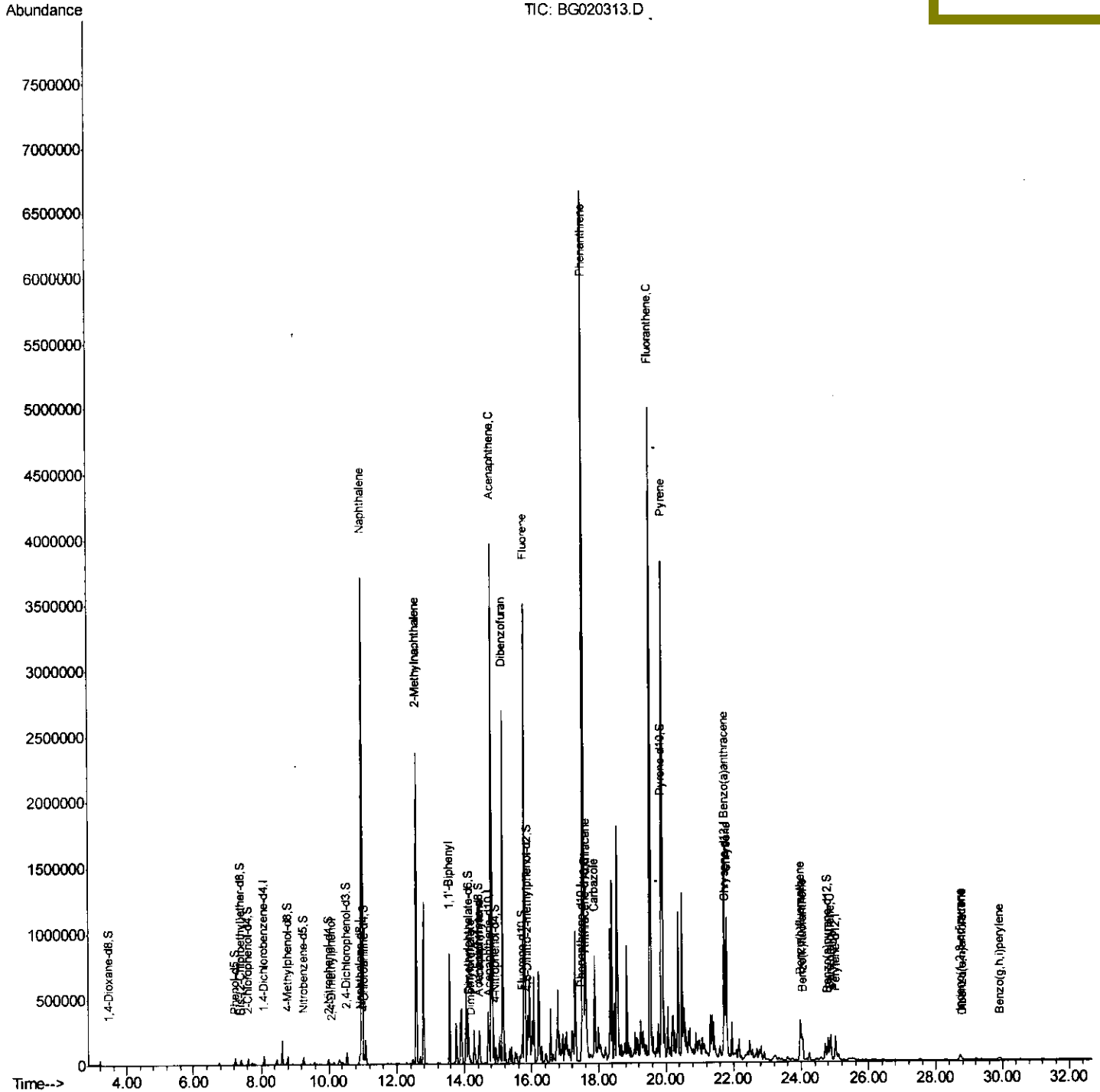
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020313.D
Acq On : 19 Dec 2015 15:53
Operator : UM/SJ
Sample : C4849-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N70

Quant Time: Dec 21 11:59:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 04:48:33 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

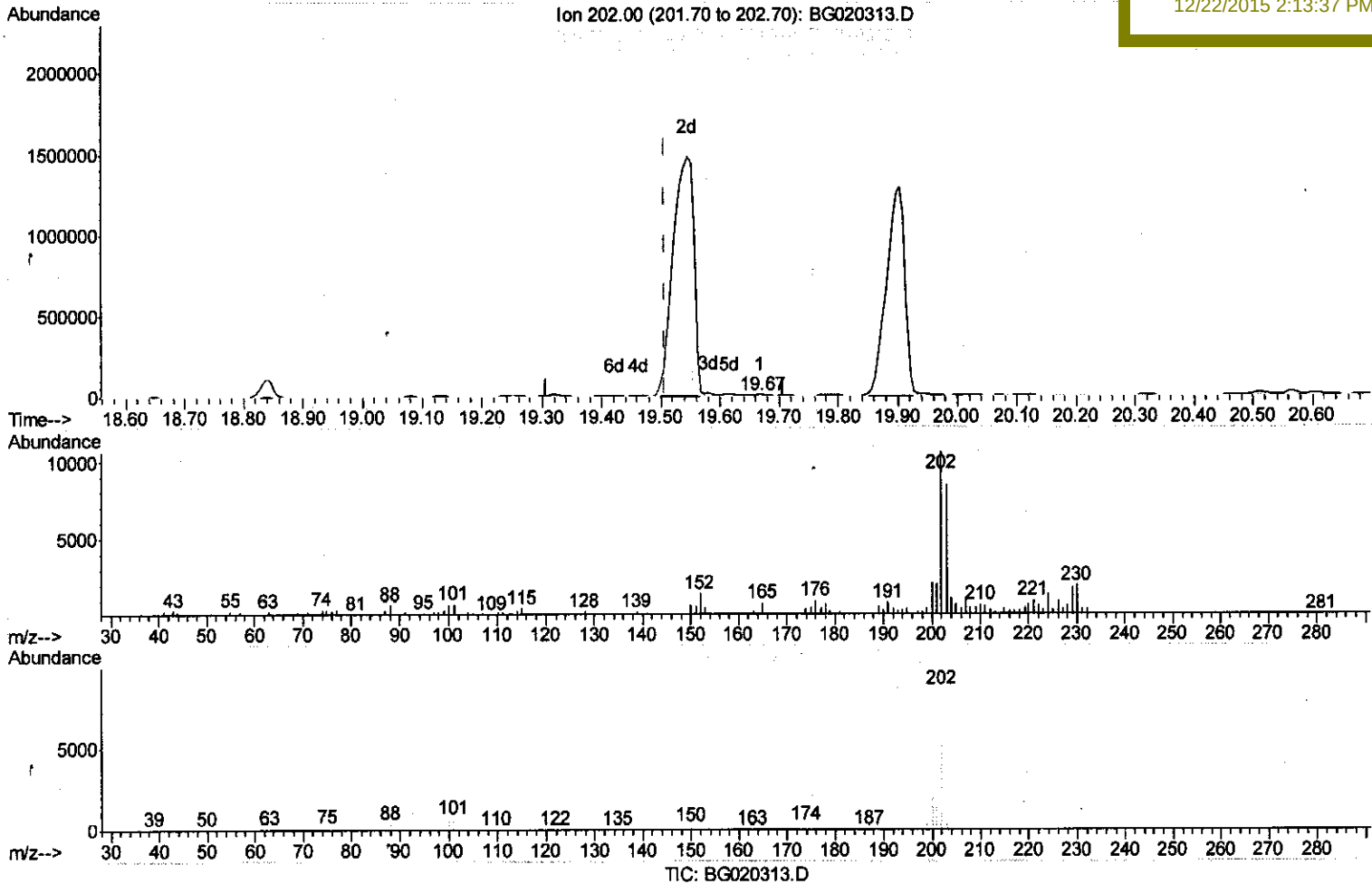
Data Path : Z:\HPCHEM1\BNA_G\Data\BG121915\
 Data File : BG020313.D
 Acq On : 19 Dec 2015 15:53
 Operator : UM/SJ
 Sample : G4849-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jan 04 15:28:07 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N70

Manual Integrations
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(77) Fluoranthene (C)

19.668min (+0.162) 0.95ng/ul

response 9780

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	7.75
100.00	6.40	6.93
0.00	0.00	0.00

Quantitation Report (Qedit)

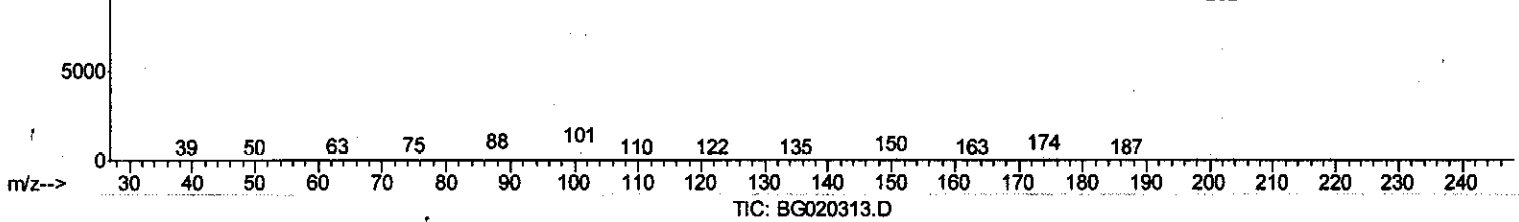
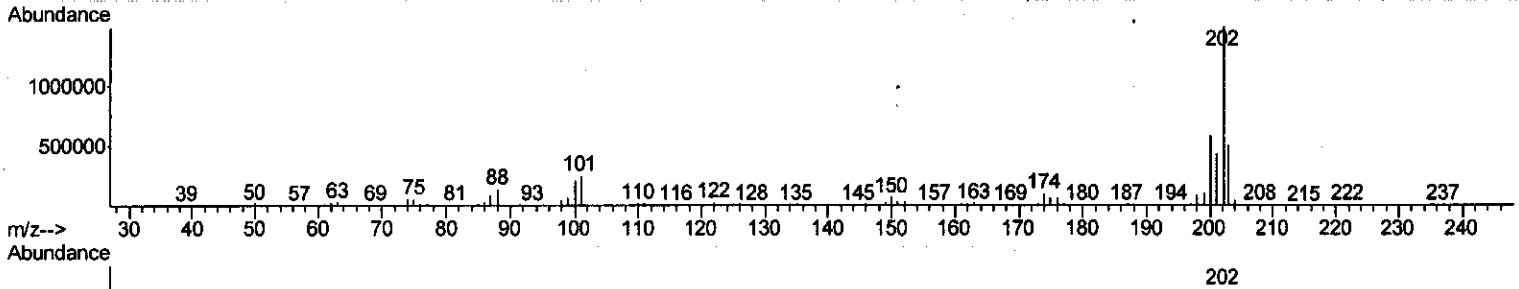
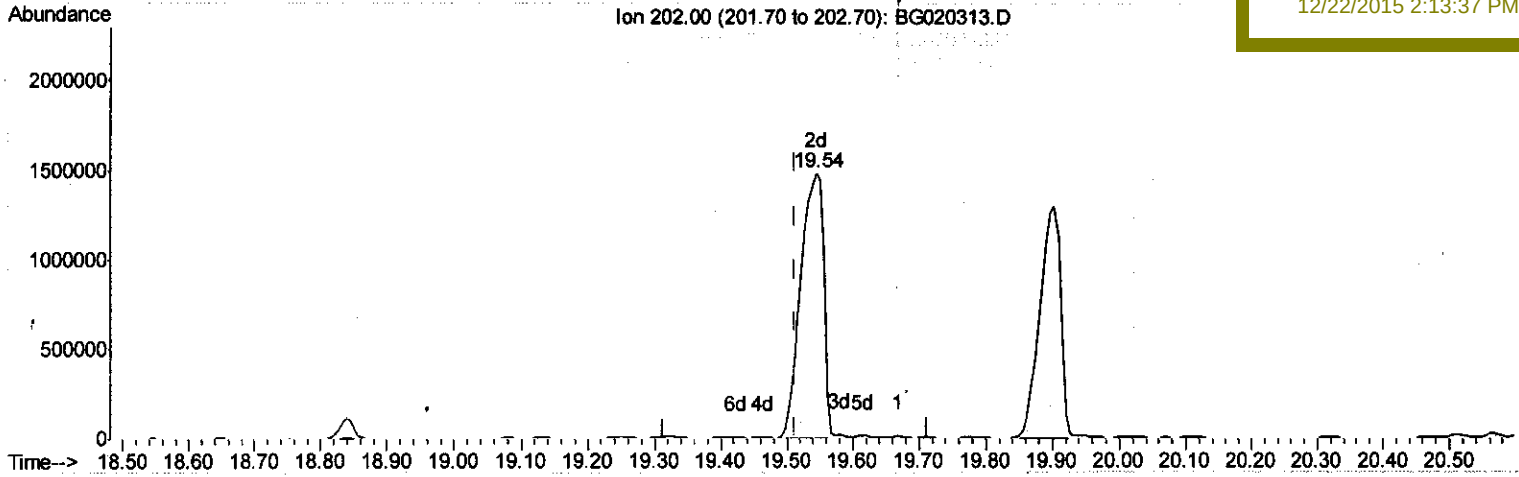
Data Path : Z:\HPCHEM1\BNA_G\Data\BG121915\
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Manual Integrations
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(77) Fluoranthene (C)

19.544min (+0.032) 354.08ng/ul m

response 3629176

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	16.62#
100.00	6.40	13.63#
0.00	0.00	0.00

U.M
12/22/15

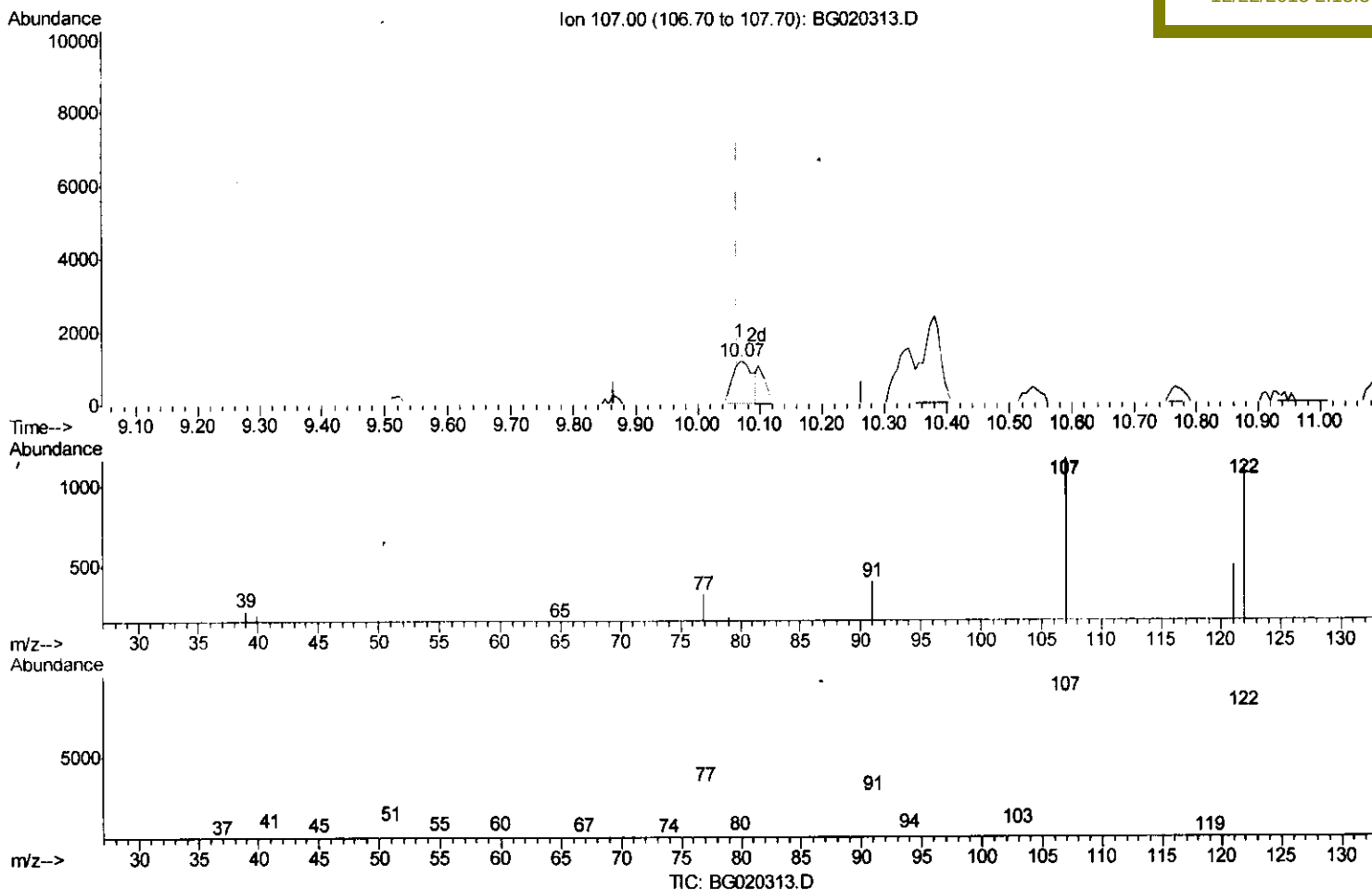
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020313.D
Acq On : 19 Dec 2015 15:53
Operator : UM/SJ
Sample : G4849-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N70

Manual Integrations

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Quant Time: Dec 20 04:53:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 04:48:33 2015
Response via : Initial Calibration



(24) 2,4-Dimethylphenol

Quantitation Report (Qedit)

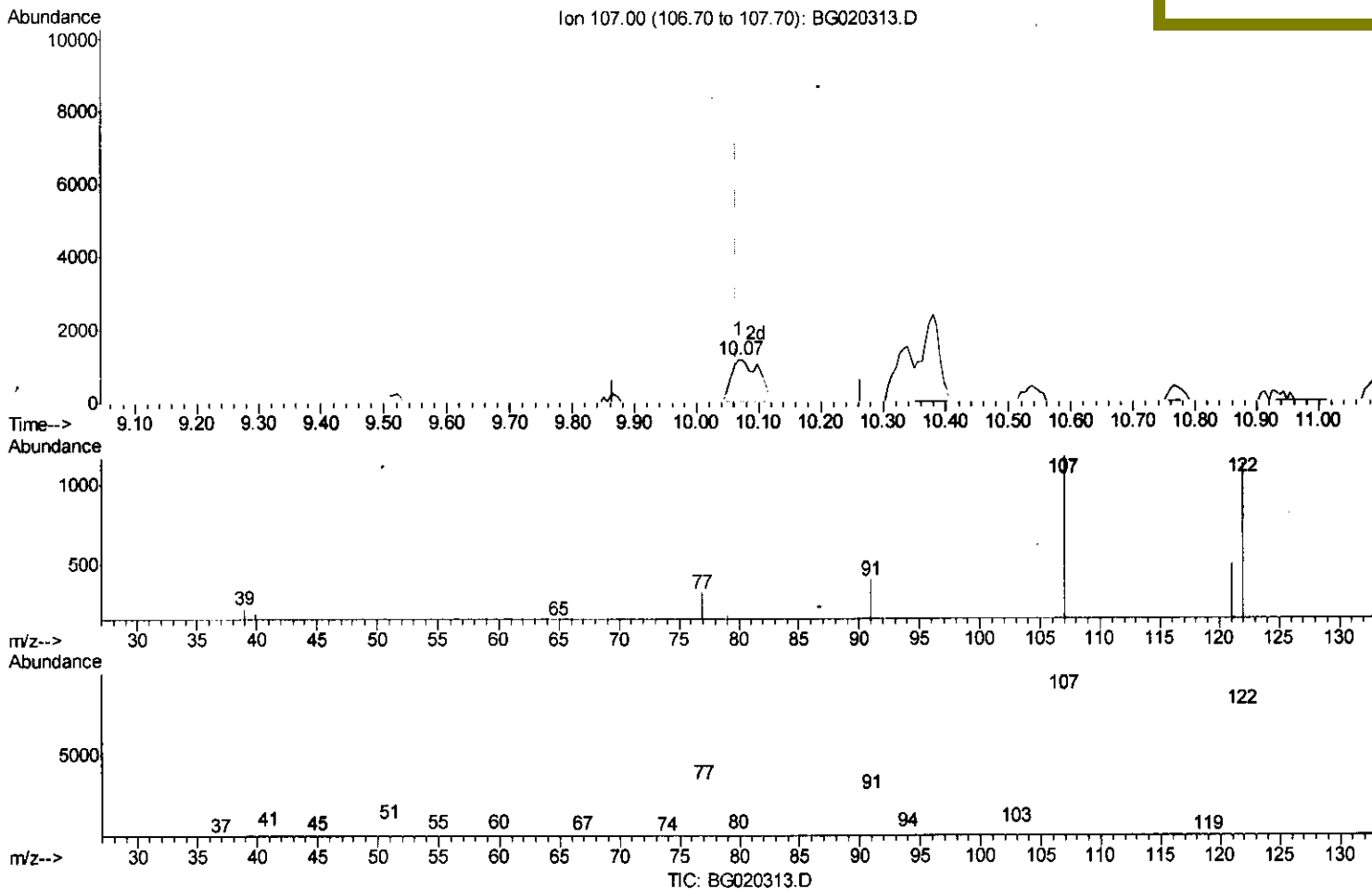
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020313.D
 Acq On : 19 Dec 2015 15:53
 Operator : UM/SJ
 Sample : C4849-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N70

Manual Integrations
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 12/22/2015 2:13:37 PM

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(24) 2,4-Dimethylphenol

10.067min (+0.003) 1.74ng/ul m *U.M*
12/22/15

response 3584

Ion	Exp%	Act%
107.00	100	100
121.00	48.70	42.04
122.00	77.60	95.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

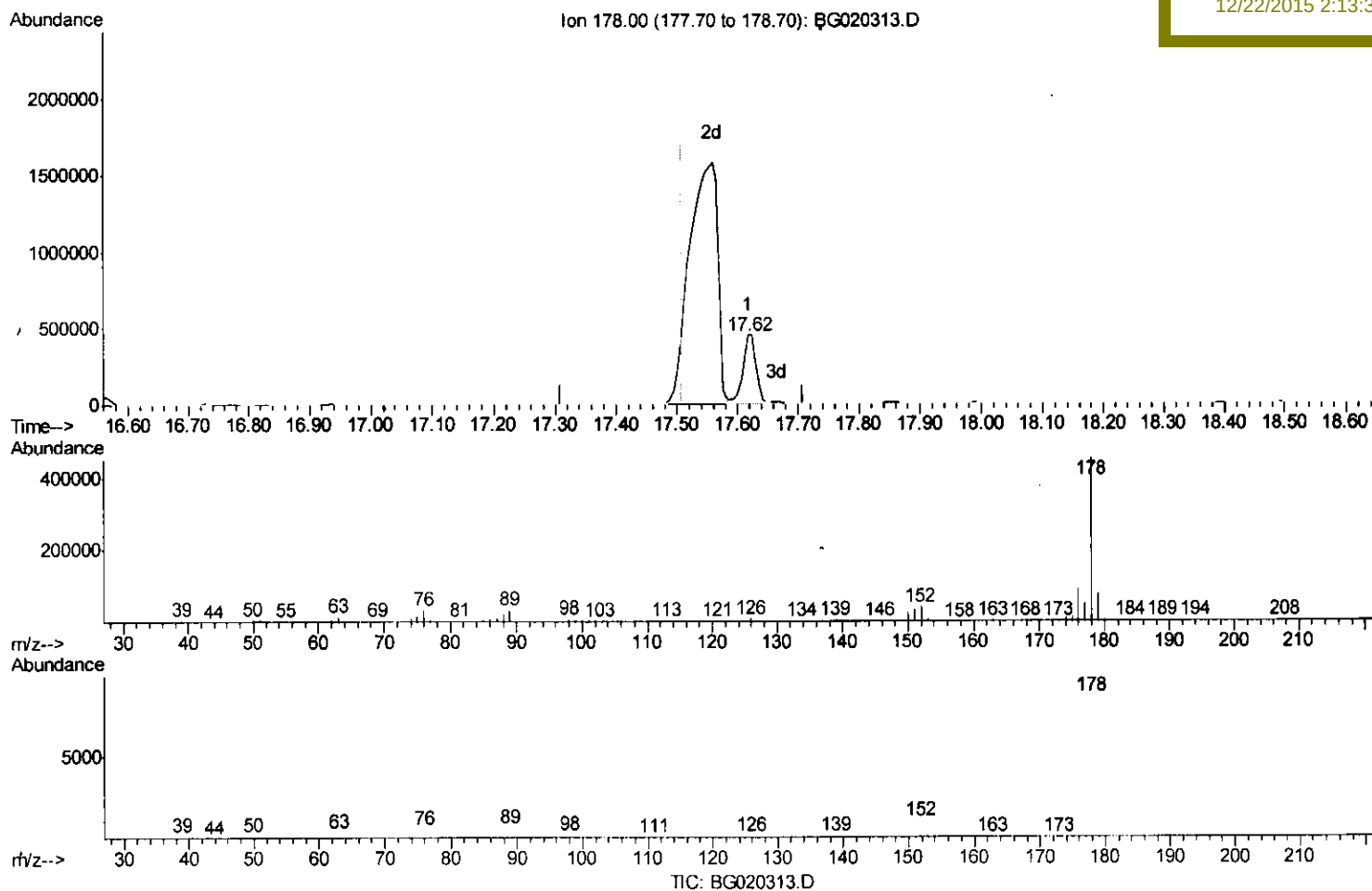
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020313.D
 Acq On : 19 Dec 2015 15:53
 Operator : UM/SJ
 Sample : G4849-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual Integrations
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(70) Phenanthrene

17.617min (+0.109) 78.30ng/ul

response 686653

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	17.27
176.00	19.10	19.64
0.00	0.00	0.00

Quantitation Report (Qedit)

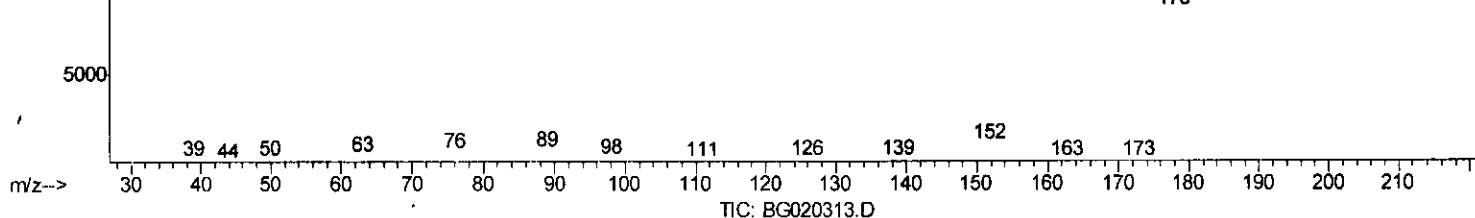
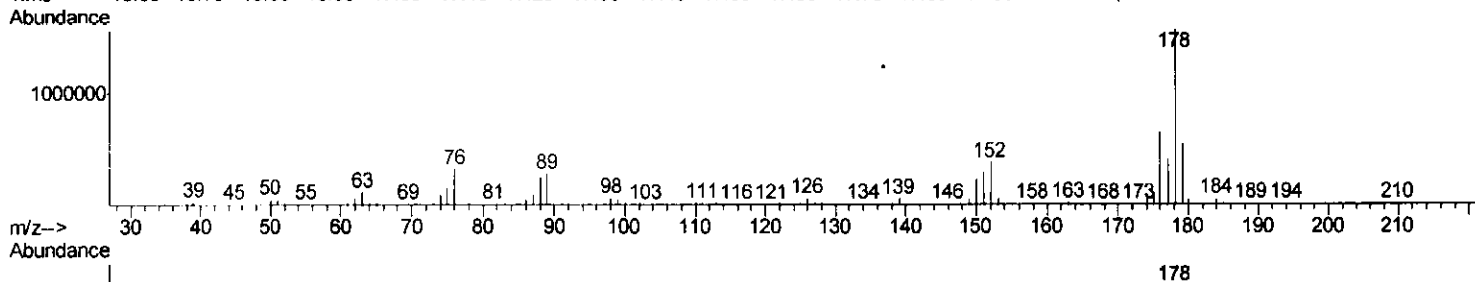
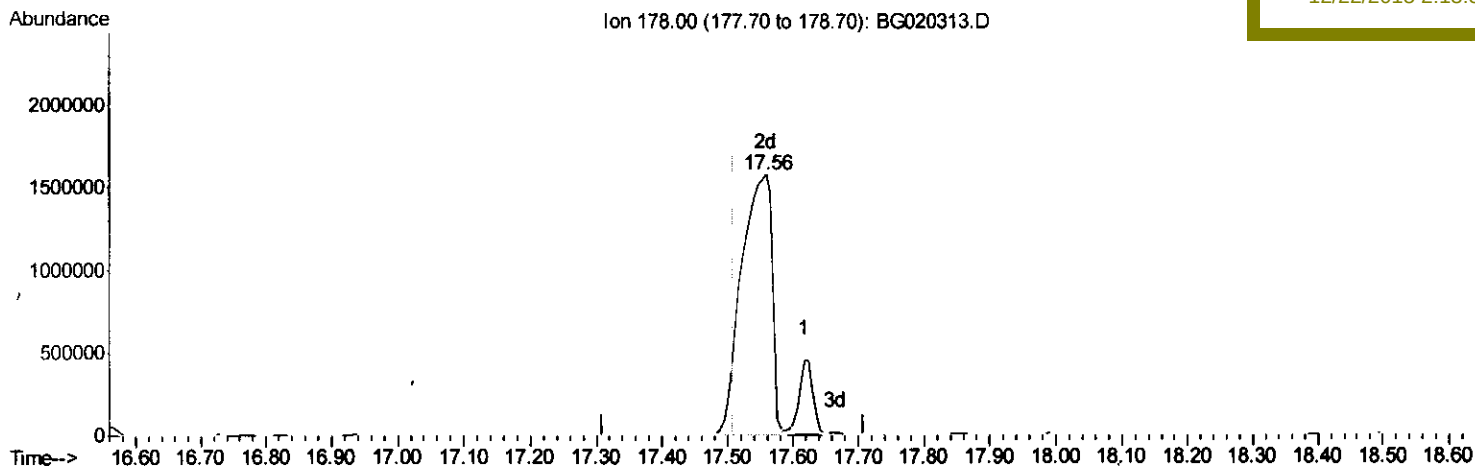
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020313.D
Acq On : 19 Dec 2015 18:55
Operator : UM/SJ
Sample : G4849-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N70

Quant Time: Dec 20 04:53:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 04:48:33 2015
Response via : Initial Calibration

Manual Integrations
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(70) Phenanthrene

17.559min (+0.050) 580.81ng/ul m U.M

response 5093744

12/22/15

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	34.32#
176.00	19.10	41.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

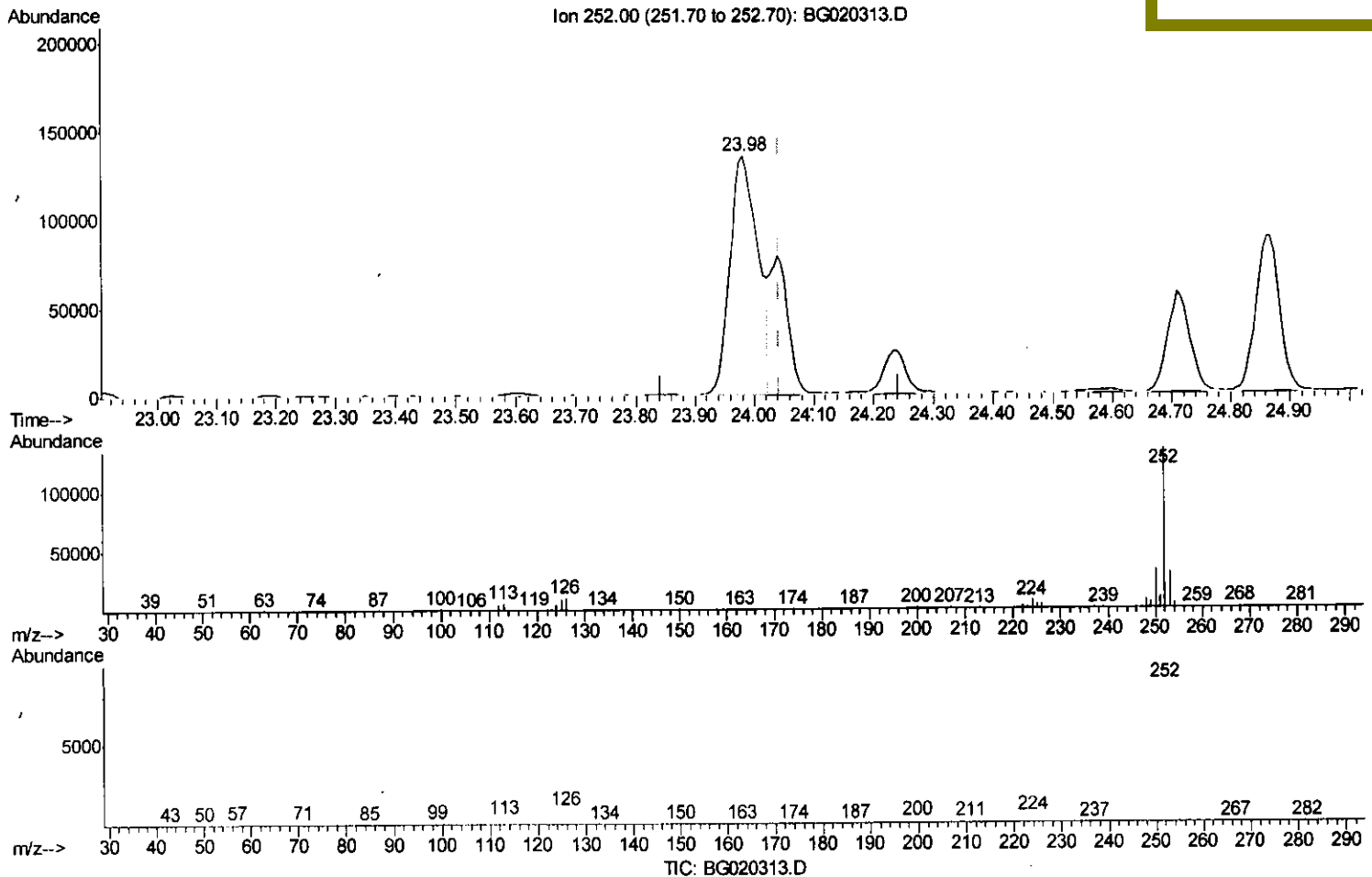
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020313.D
Acq On : 19 Dec 2015 15:53
Operator : UM/SJ
Sample : G4849-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N70

Quant Time: Dec 20 04:53:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 04:48:33 2015
Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene

23.980min (-0.062) 38.24ng/ul

response 446633

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.83
125.00	7.20	6.68
0.00	0.00	0.00

Quantitation Report (Qedit)

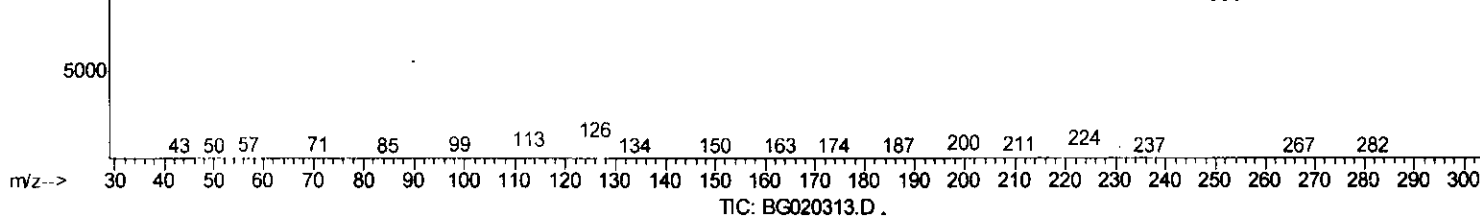
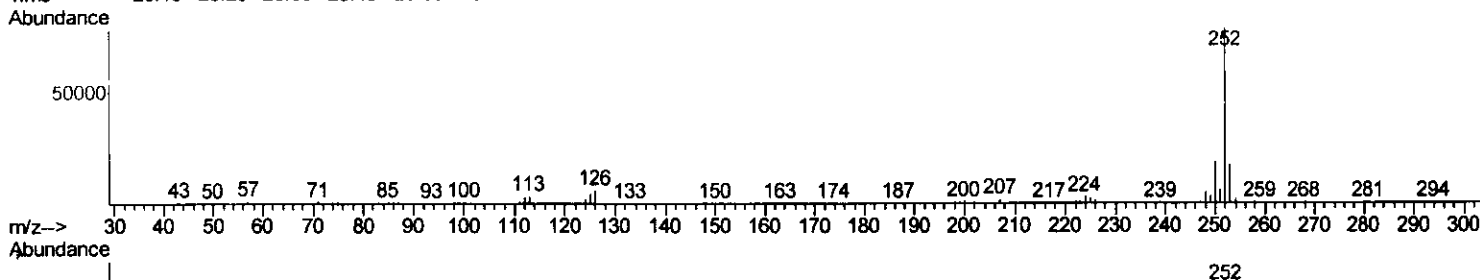
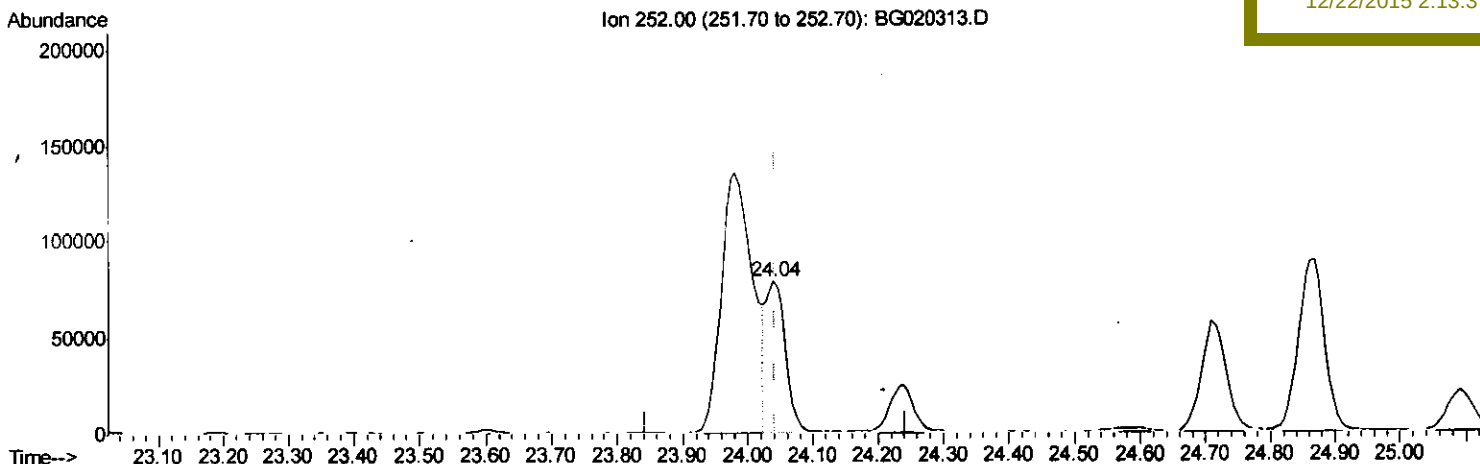
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020313.D
 Acq On : 19 Dec 2015 15:53
 Operator : UM/SJ
 Sample : G4849-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N70

Quant Time: Dec 20 04:53:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Manual Integrations
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 12/22/2015 2:13:37 PM



(89) Benzo(k)fluoranthene

24.039min (-0.003) 14.22ng/ul m U.M
 response 166070 12/22/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.18
125.00	7.20	5.82
0.00	0.00	0.00

Quantitation Report (Qedit)

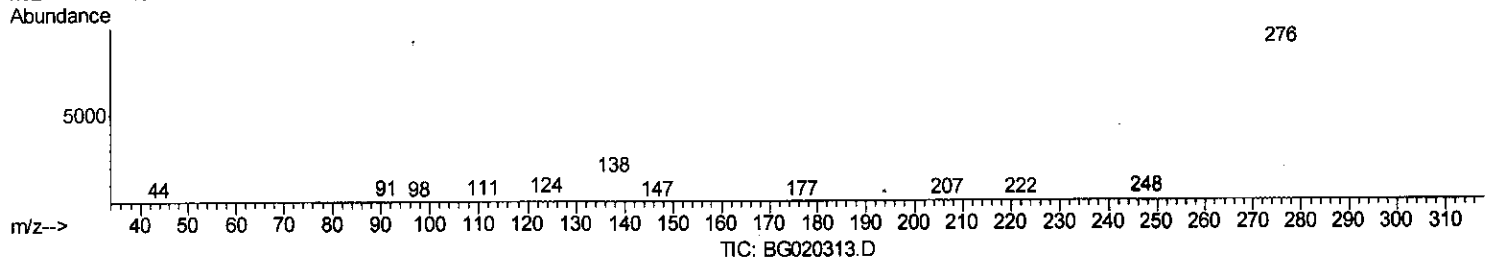
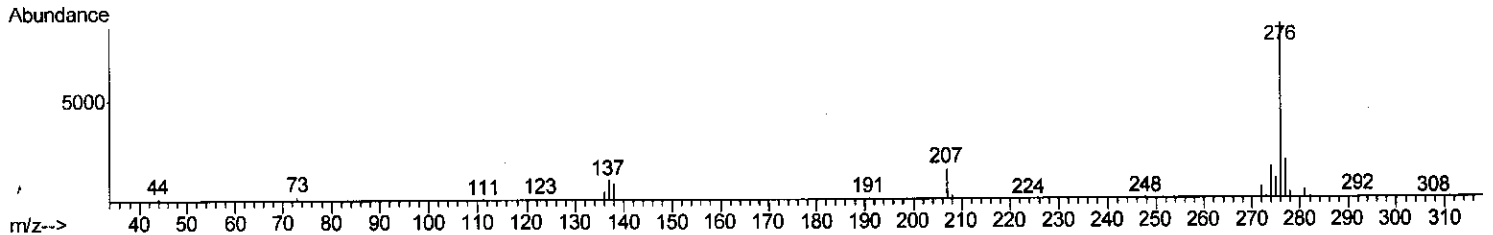
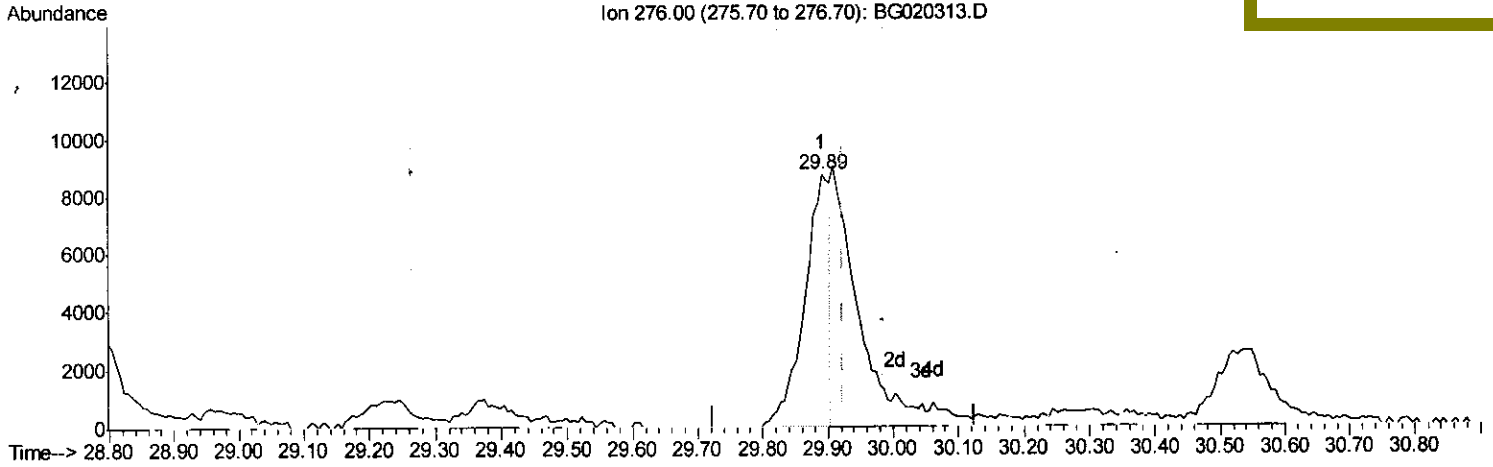
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020313.D
 Acq On : 19 Dec 2015 15:53
 Operator : UM/SJ
 Sample : G4849-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

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

29.891min (-0.032) 2.10ng/ul

response 23661

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	11.27
277.00	24.90	23.43
0.00	0.00	0.00

Quantitation Report (Qedit)

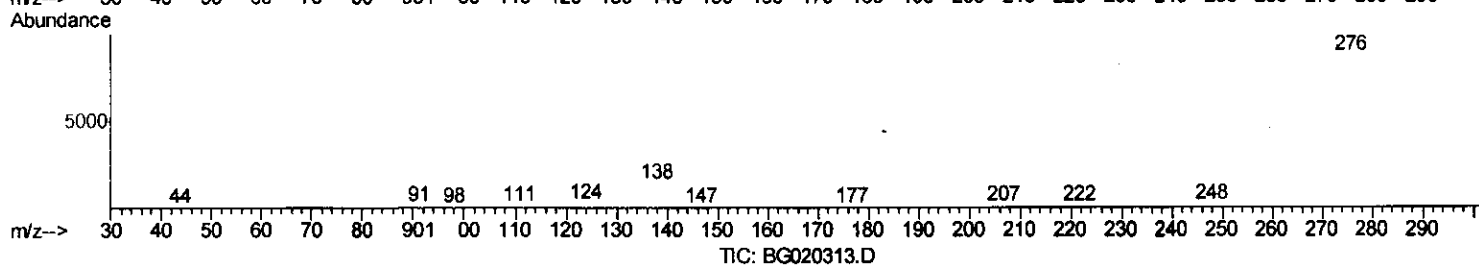
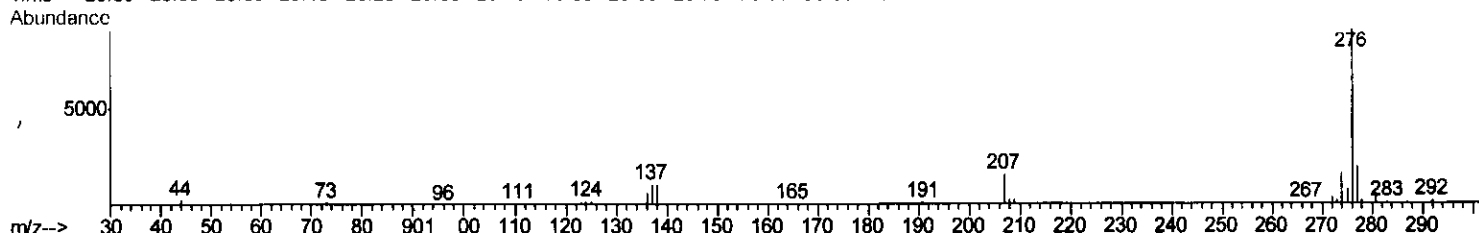
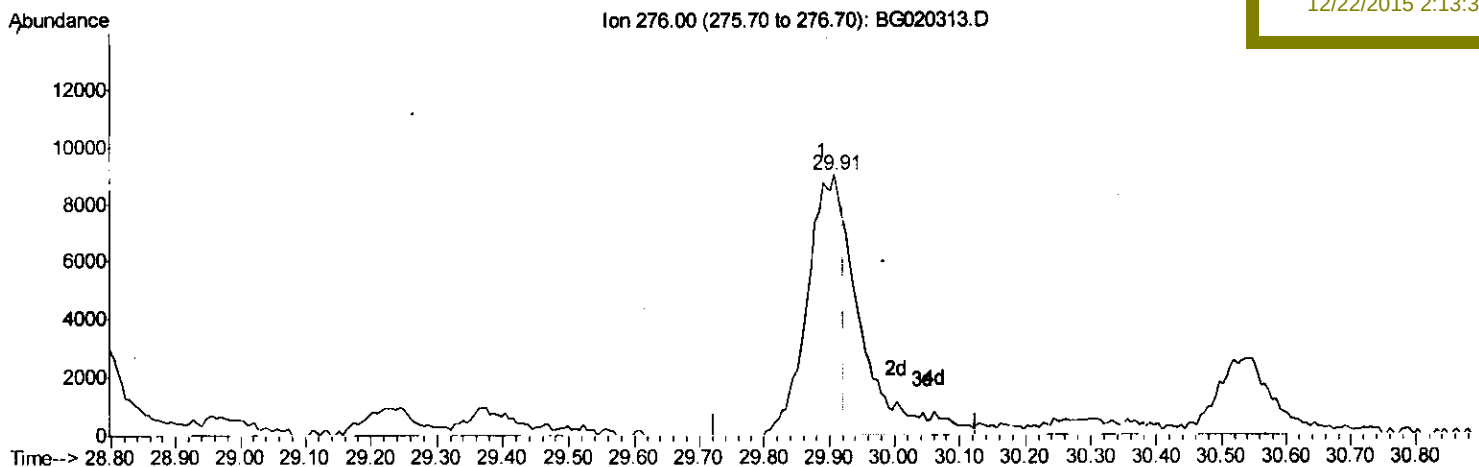
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020313.D
 Acq On : 19 Dec 2015 15:53
 Operator : UM/SJ
 Sample : G4849-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N70

Quant Time: Dec 20 04:53:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Manual Integrations
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(94) Benzo(g,h,i)perylene

29.909min (-0.015) 4.33ng/ul m U.M
 response 48773 12/22/15

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	12.57
277.00	24.90	22.74
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020313.D
 Acq On : 19 Dec 2015 15:53
 Operator : UM/SJ
 Sample : G4849-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
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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	8.09	152	21763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	97508	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	71182	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	160335	20.00	ng/ul	0.01
78) Chrysene-d12	21.75	240	212124	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	202237	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1165	2.96	ng/uL	0.00
5) Phenol-d5	7.24	99	31663	16.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	21942	19.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	26971	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	28599	17.43	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	15444	20.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	17605	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	31460	18.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	41594	21.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	109606	19.04	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	125797	18.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	14454	14.00	ng/ul	0.00
58) Fluorene-d10	15.71	176	100380	19.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	12198	12.83	ng/ul	0.03
71) Anthracene-d10	17.59	188	153323	20.75	ng/ul	0.02
79) Pyrene-d10	19.86	212	184731	18.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	212294	21.05	ng/ul	0.00

Target Compounds

					Ovalue
24) 2,4-Dimethylphenol	10.07	107	3584m	1.74	ng/ul
28) Naphthalene	10.99	128	3432080	674.01	ng/ul# 78
34) 2-Methylnaphthalene	12.57	142	1166095	299.81	ng/ul 98
41) 1,1'-Biophenyl	13.56	154	454878	84.70	ng/ul 97
45) Dimethylphthalate	14.17	163	19140	3.25	ng/ul 100
48) Acenaphthylene	14.45	152	101115	14.21	ng/ul# 95
50) Acenaphthene	14.81	153	1834239	383.06	ng/ul 91
54) Dibenzofuran	15.14	168	1833877	257.45	ng/ul# 87
59) Fluorene	15.79	166	1789977	312.93	ng/ul# 97
70) Phenanthrene	17.56	178	5093744m	580.81	ng/ul
72) Anthracene	17.62	178	686653	77.19	ng/ul 96
75) Carbazole	17.88	167	494722	66.19	ng/ul 98
77) Fluoranthene	19.54	202	3629176m	354.08	ng/ul
80) Pyrene	19.90	202	2778271	216.40	ng/ul# 86
83) Benzo(a)anthracene	21.73	228	957785	77.38	ng/ul 95
85) Chrysene	21.80	228	782195	67.10	ng/ul 95
88) Benzo(b)fluoranthene	23.98	252	446633	36.69	ng/ul 96
89) Benzo(k)fluoranthene	24.04	252	166070m	14.22	ng/ul
91) Benzo(a)pyrene	24.87	252	242223	20.99	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	28.74	276	68417	4.98	ng/ul 94
93) Dibenzo(a,h)anthracene	28.79	278	21622	1.90	ng/ul# 92
94) Benzo(a,h,i)perylene	29.91	276	48773m	4.33	ng/ul

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 12/22/15

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 12/22/15

U.M.
 12/22/15

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Manual Integrations
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Internal Standards	R.T.	QI	on	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed