

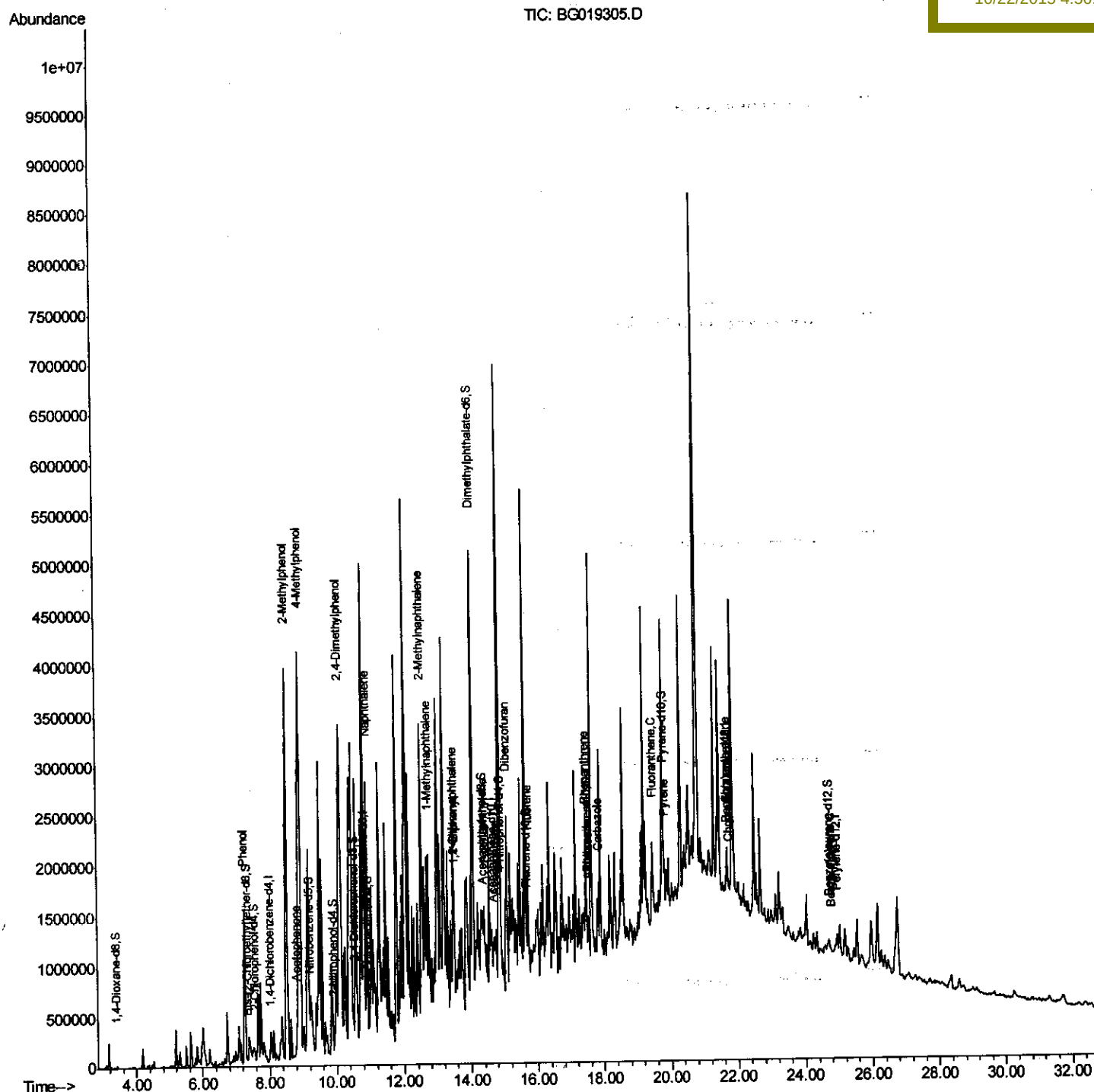
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
Data File : BG019305.D
Acq On : 22 Oct 2015 6:50
Operator : UM/NP
Sample : G3996-18RX
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7RX

Quant Time: Oct 22 10:30:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

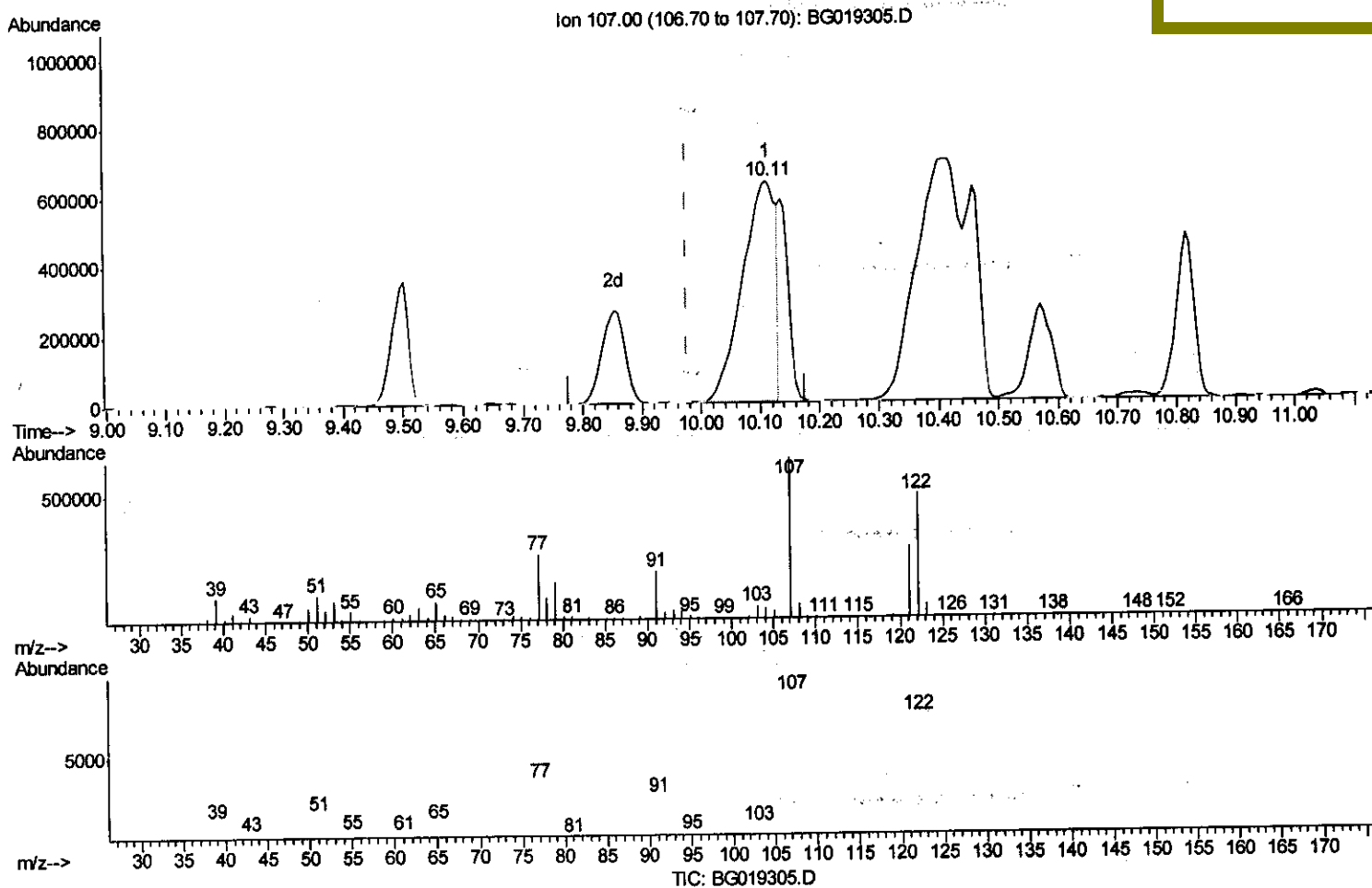
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(24) 2,4-Dimethylphenol

10.112min (+0.136) 787.97ng/ul

response 2487220

Ion	Exp%	Act%
107.00	100	100
121.00	46.50	44.12
122.00	84.50	76.46
0.00	0.00	0.00

Quantitation Report (Qedit)

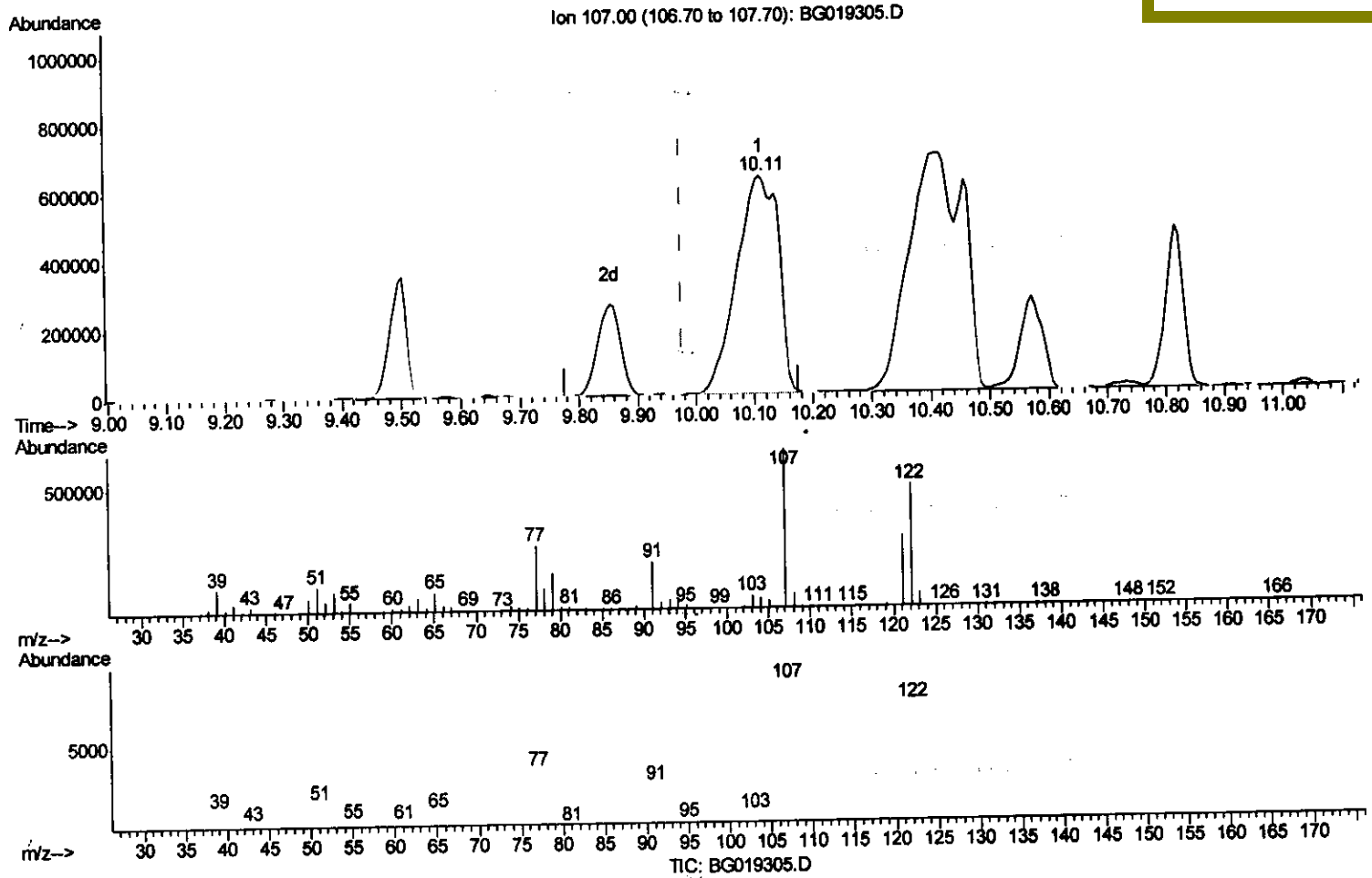
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(24) 2,4-Dimethylphenol

10.112min (+0.136) 1005.32ng/ul m

response 3173272

Ion	Exp%	Act%
107.00	100	100
121.00	46.50	44.12
122.00	84.50	76.46
0.00	0.00	0.00

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Quantitation Report (Qedit)

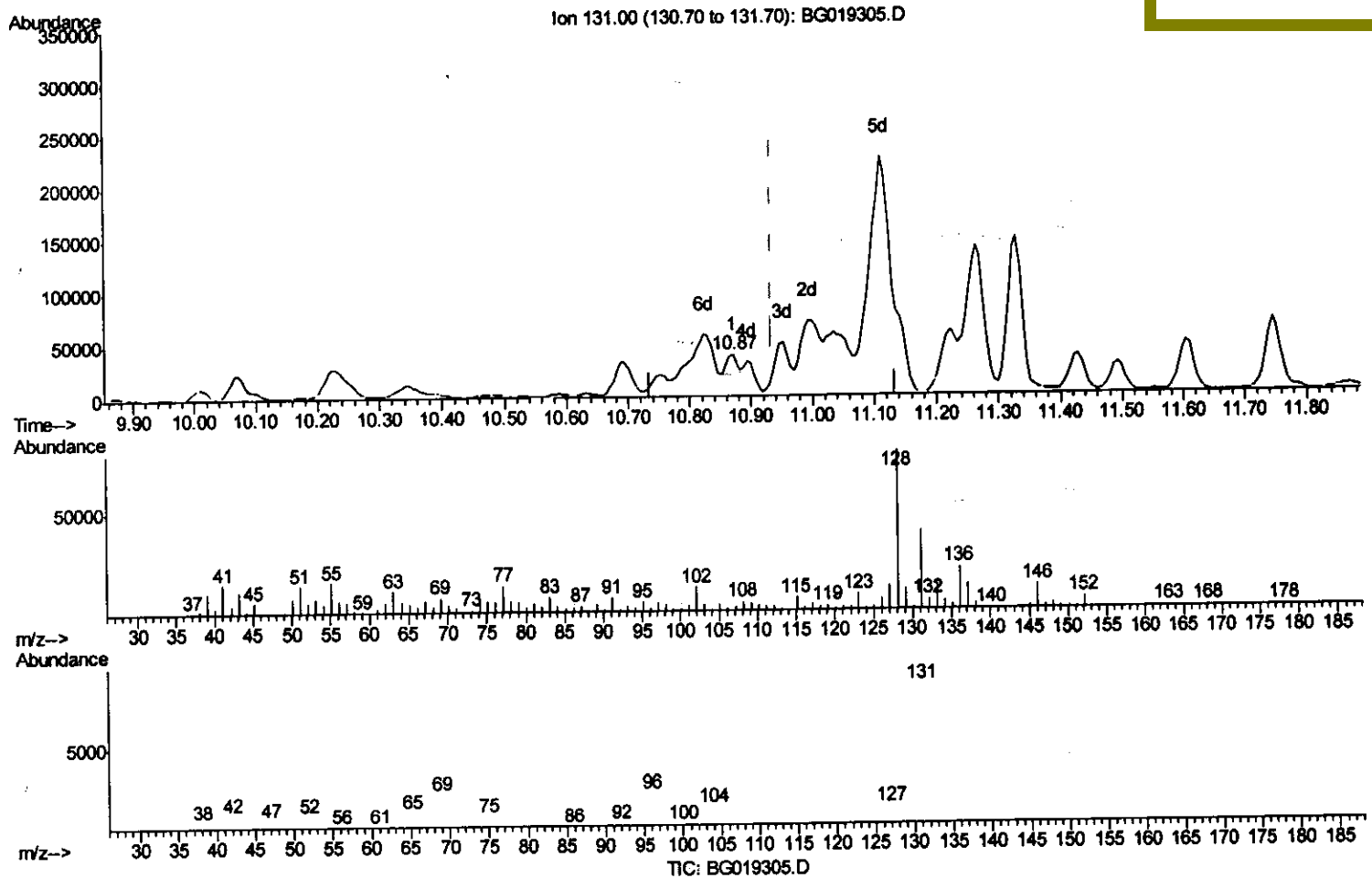
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E5LK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

10.870min (-0.064) 6.44ng/ul

response 20155

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	32.72
69.00	17.00	18.84
0.00	0.00	0.00

Quantitation Report (Qedit)

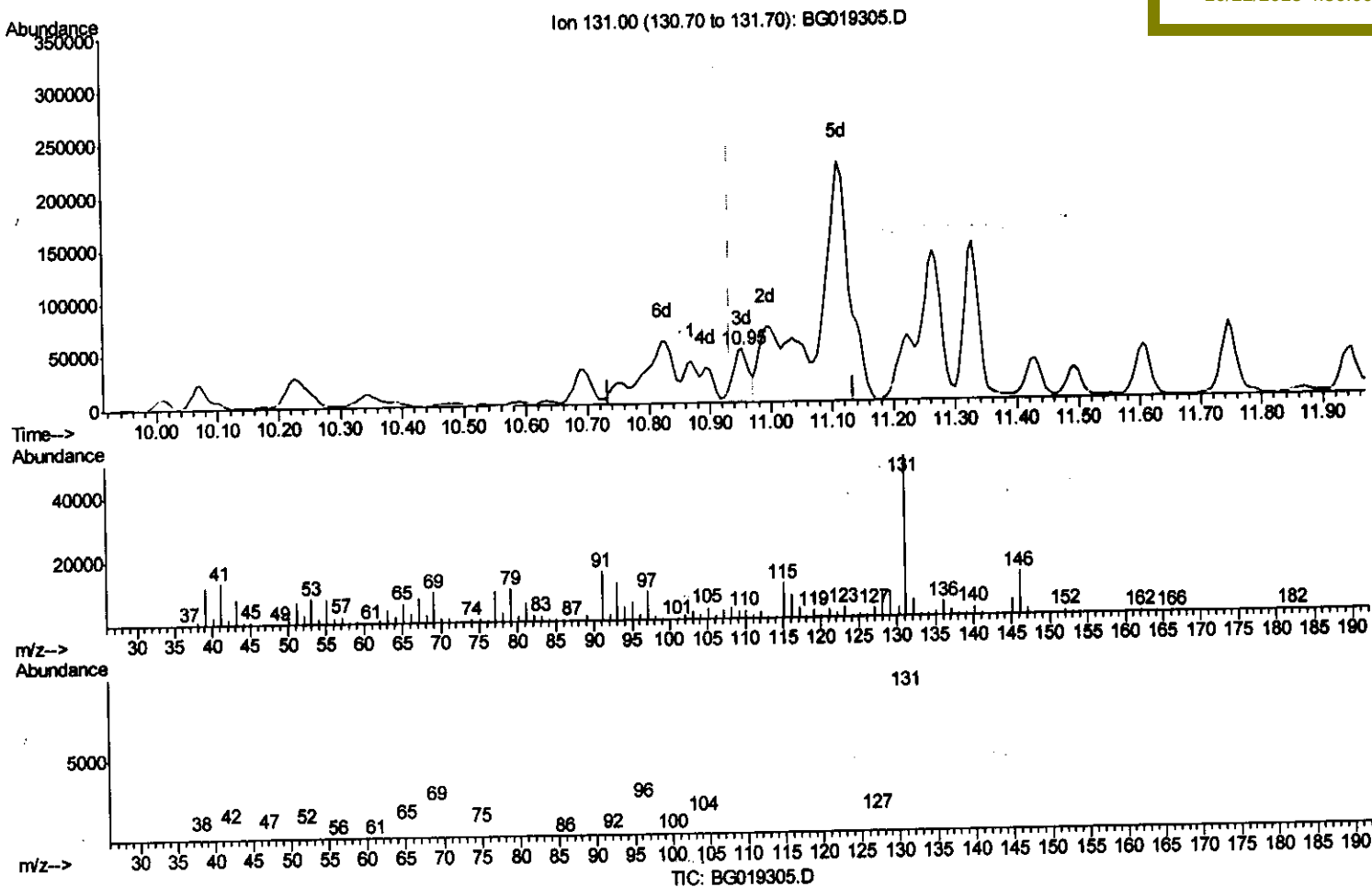
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E5LK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

10.952min (+0.018) 27.34ng/ul m

response 85507

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	1.99#
69.00	17.00	19.44
0.00	0.00	0.00

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Quantitation Report (Qedit)

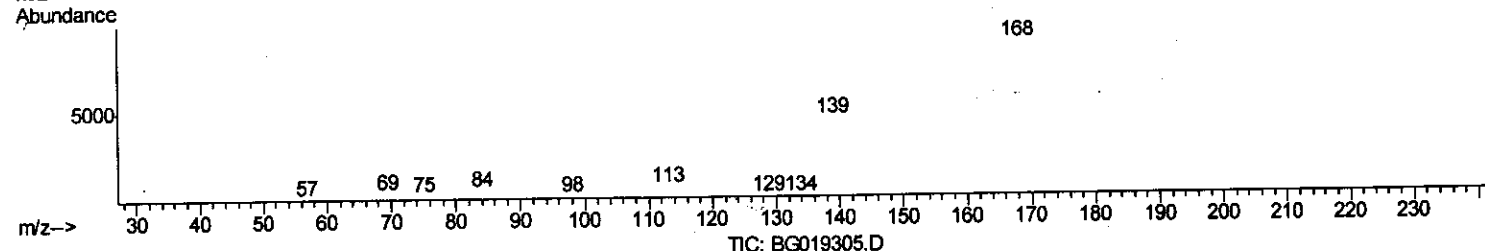
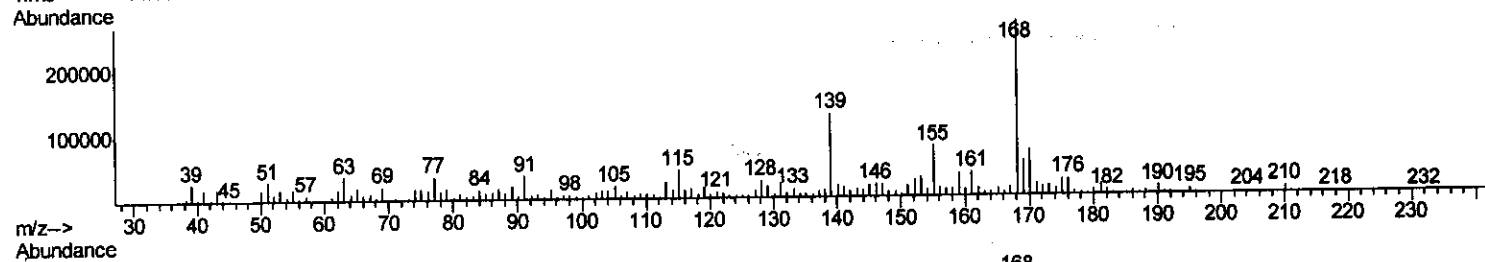
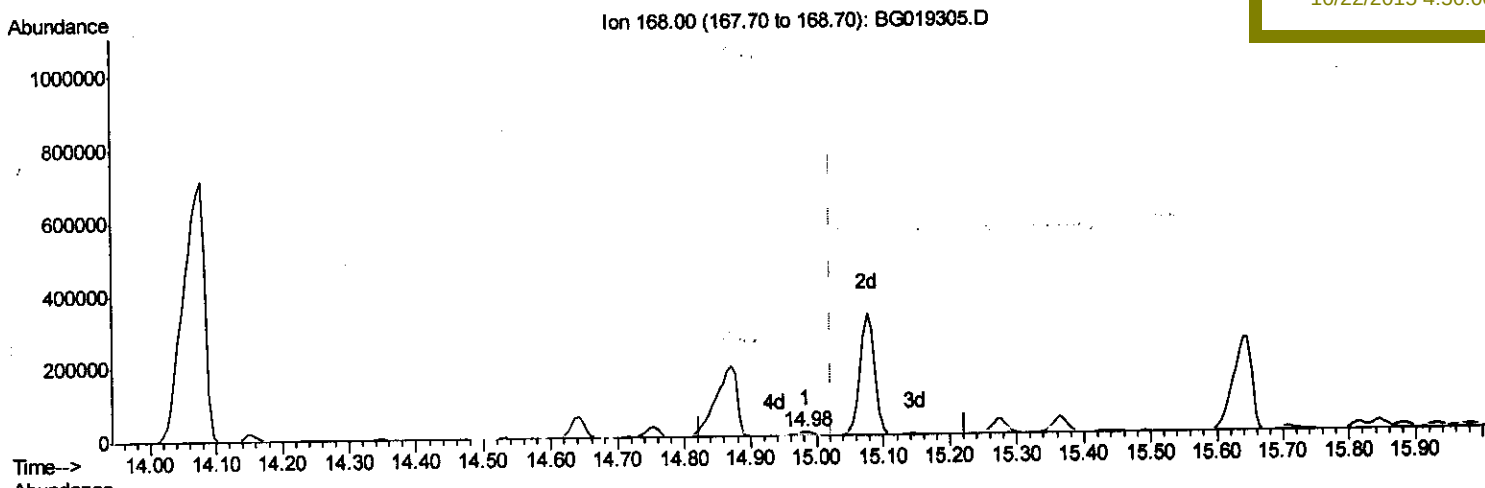
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(54) Dibenzofuran

14.983min (-0.040) 2.06ng/ul

response 16542

Ion	Exp%	Act%
168.00	100	100
139.00	35.60	40.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

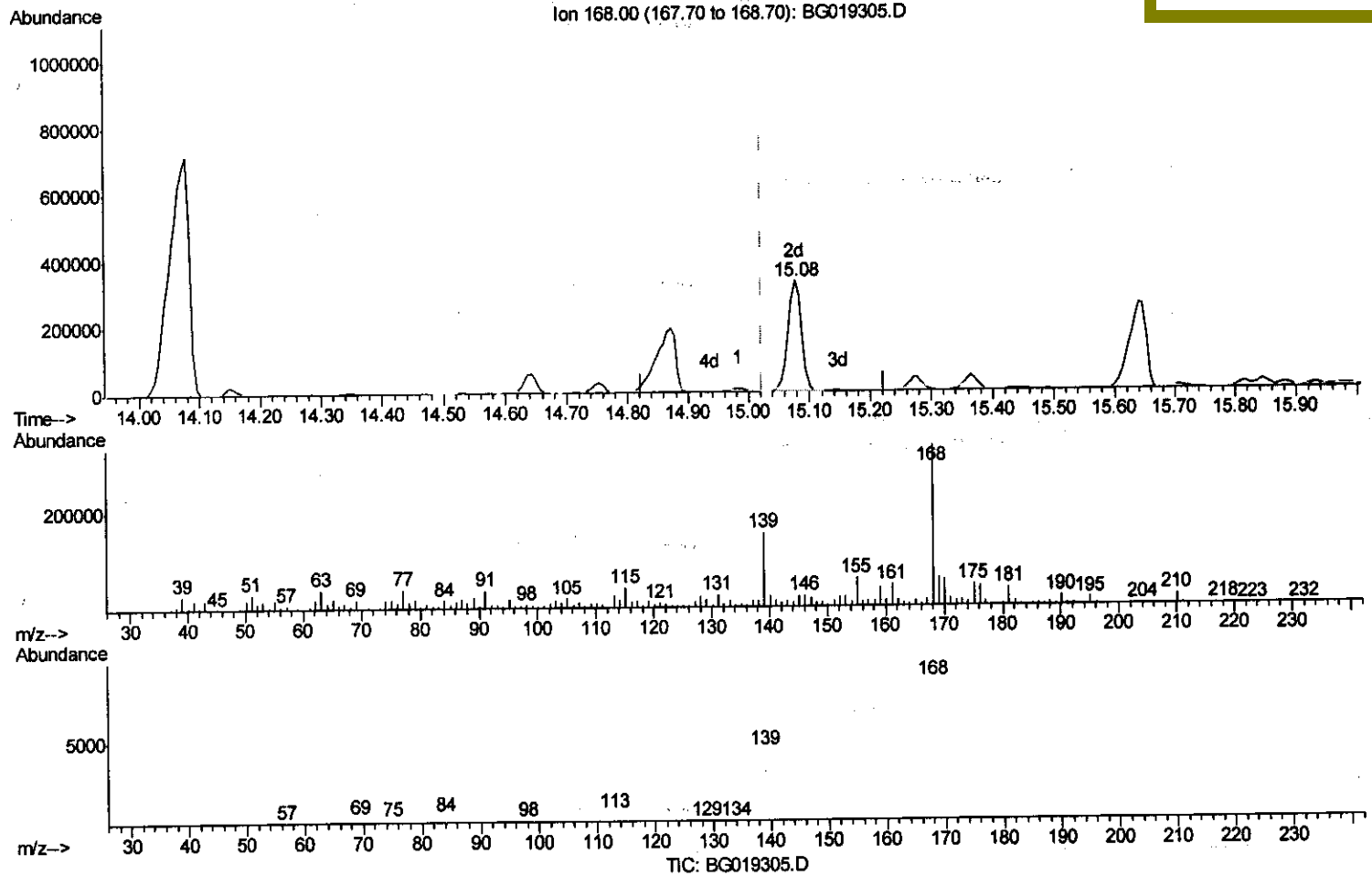
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 Client SampleId :
 E5LK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(54) Dibenzofuran

15.077min (+0.054) 63.62ng/ul m

response 510547

Ion	Exp%	Act%
168.00	100	100
139.00	35.60	45.99#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

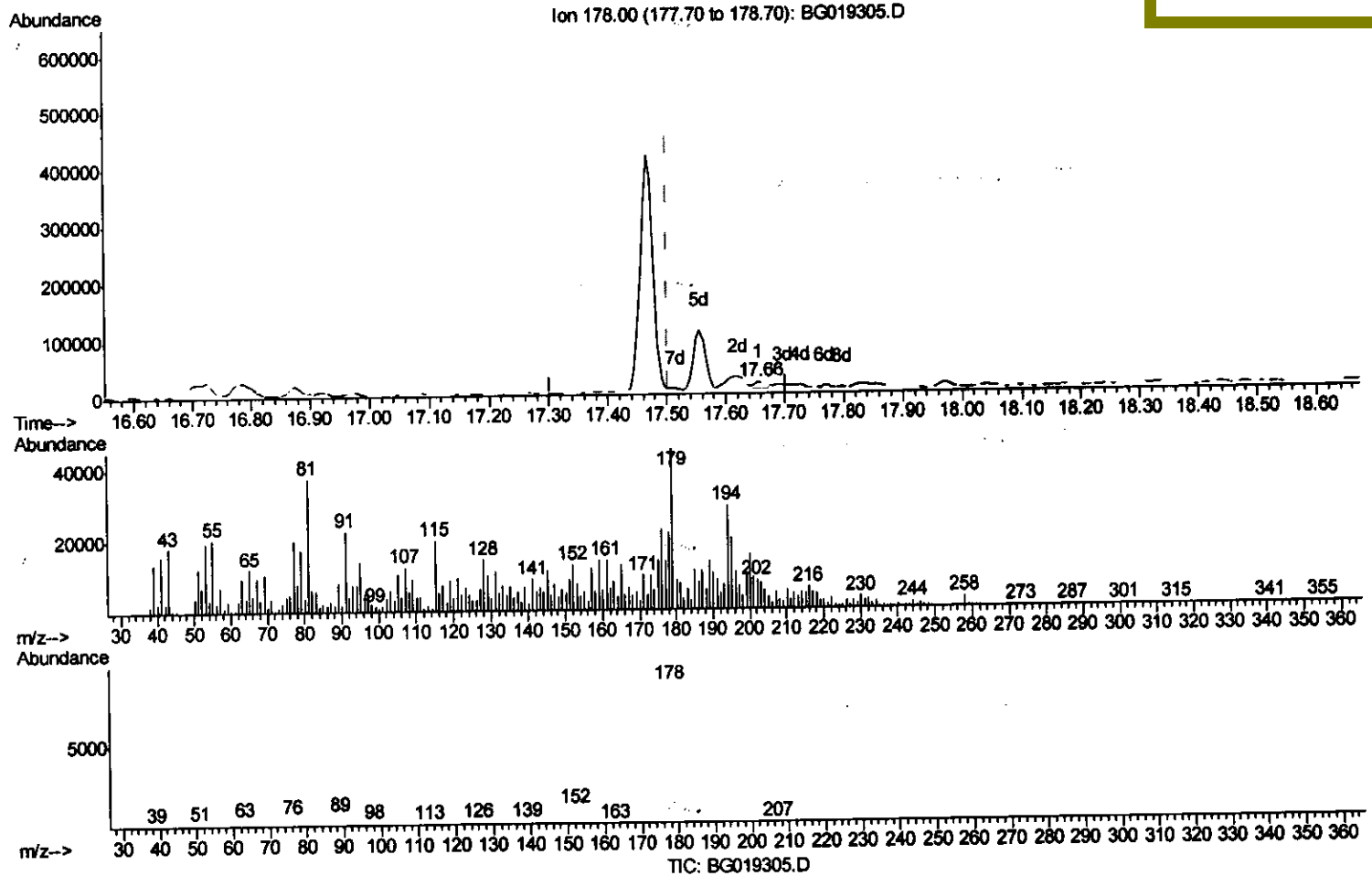
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(72) Anthracene

17.656min (+0.153) 2.20ng/ul

response 14781

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	207.26#
176.00	18.80	103.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

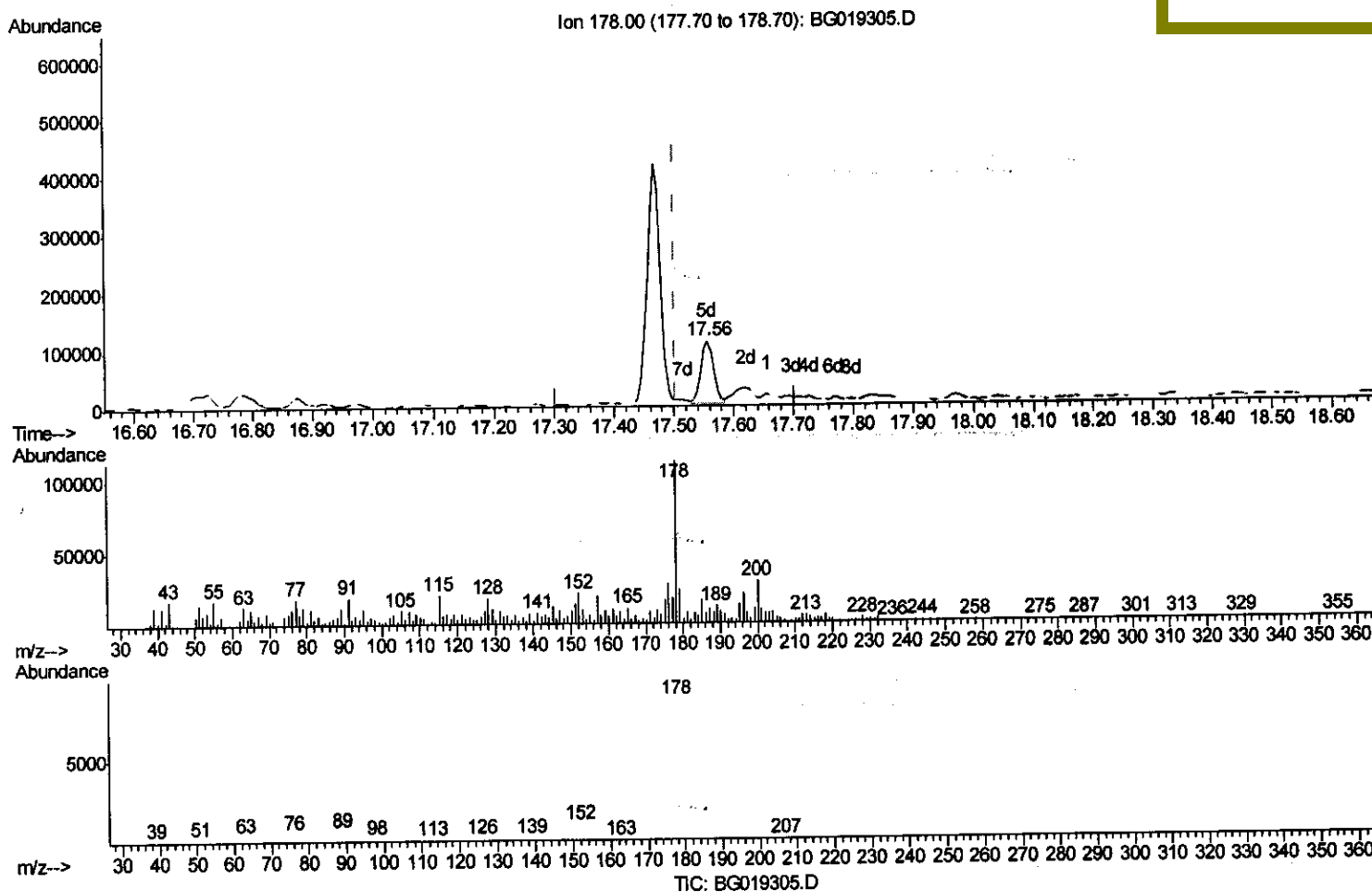
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(72) Anthracene

17.556min (+0.054) 24.22ng/ul m

response 162581

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	21.03#
176.00	18.80	24.70#
0.00	0.00	0.00

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Quantitation Report (Qedit)

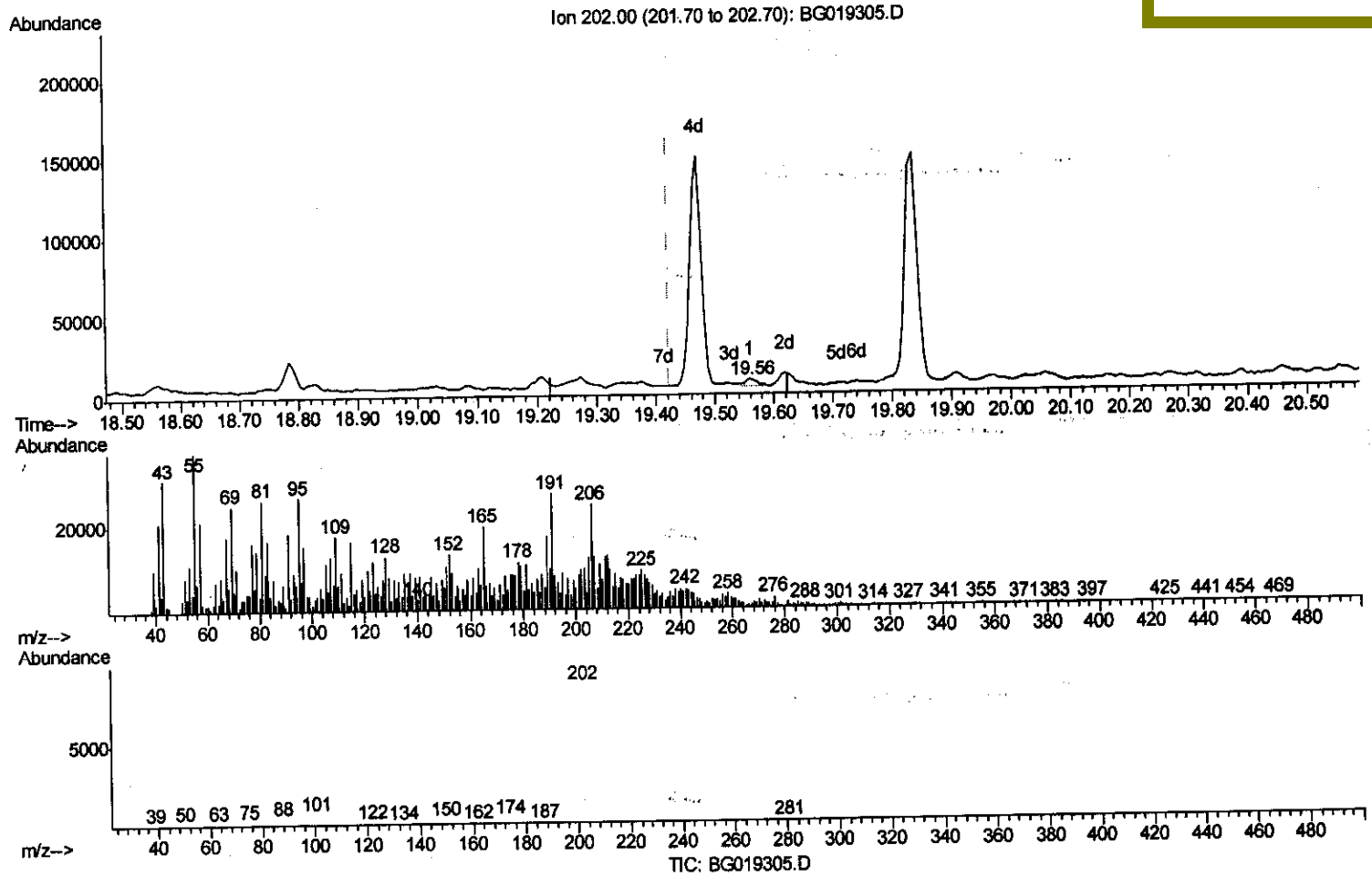
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(77) Fluoranthene (C)

19.560min (+0.136) 0.78ng/ul

response 6428

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	32.61#
100.00	8.60	16.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

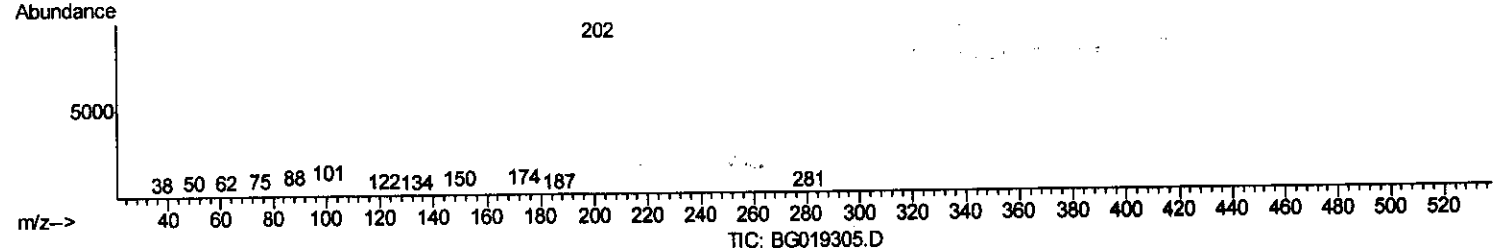
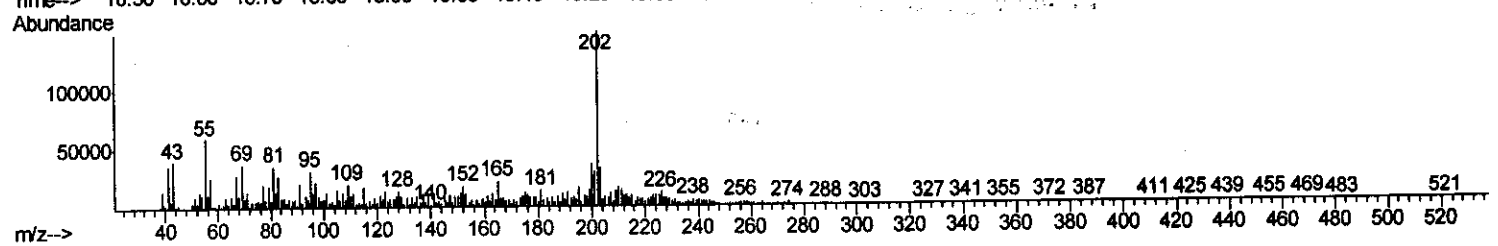
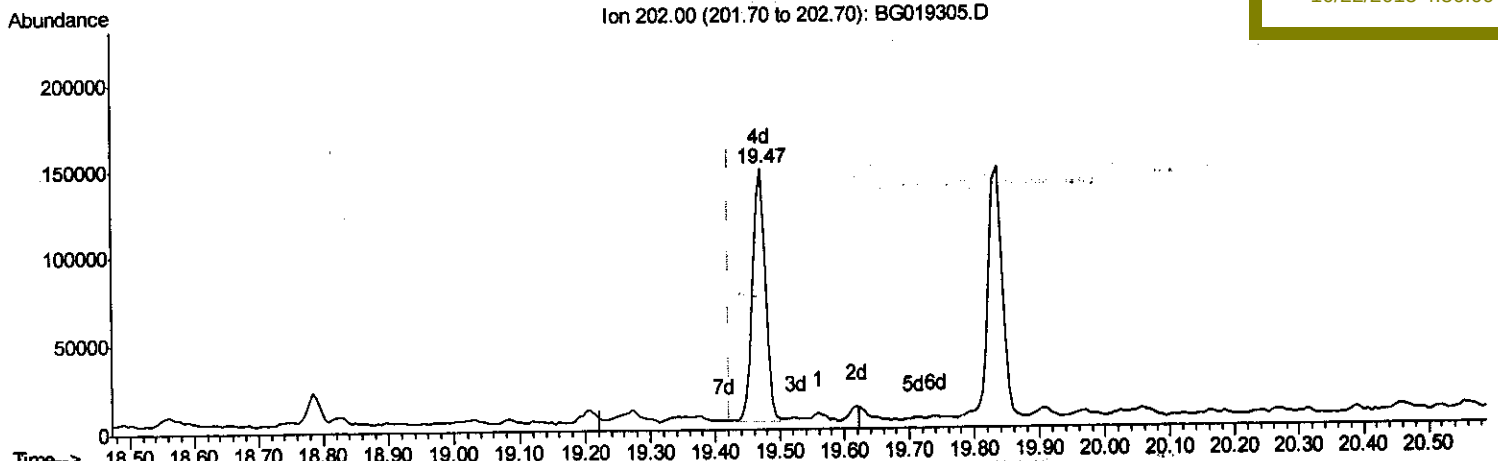
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(77) Fluoranthene (C)

19.472min (+0.048) 23.85ng/ul m

response 197215

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	8.12#
100.00	8.60	4.98#
0.00	0.00	0.00

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Quantitation Report (Qedit)

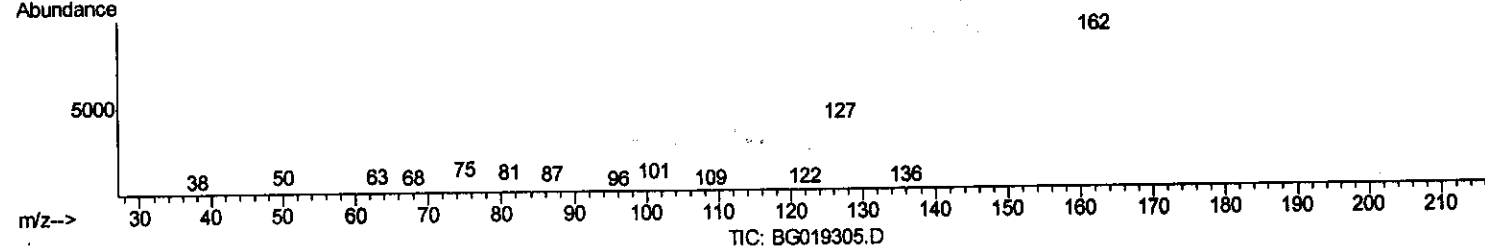
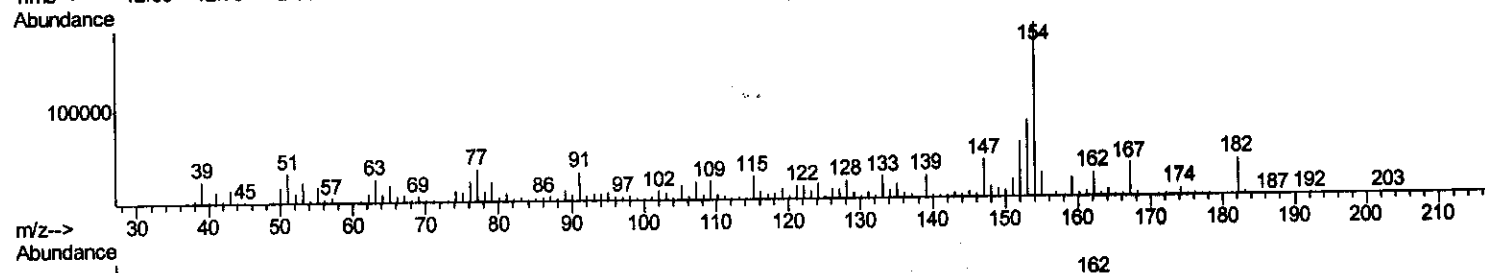
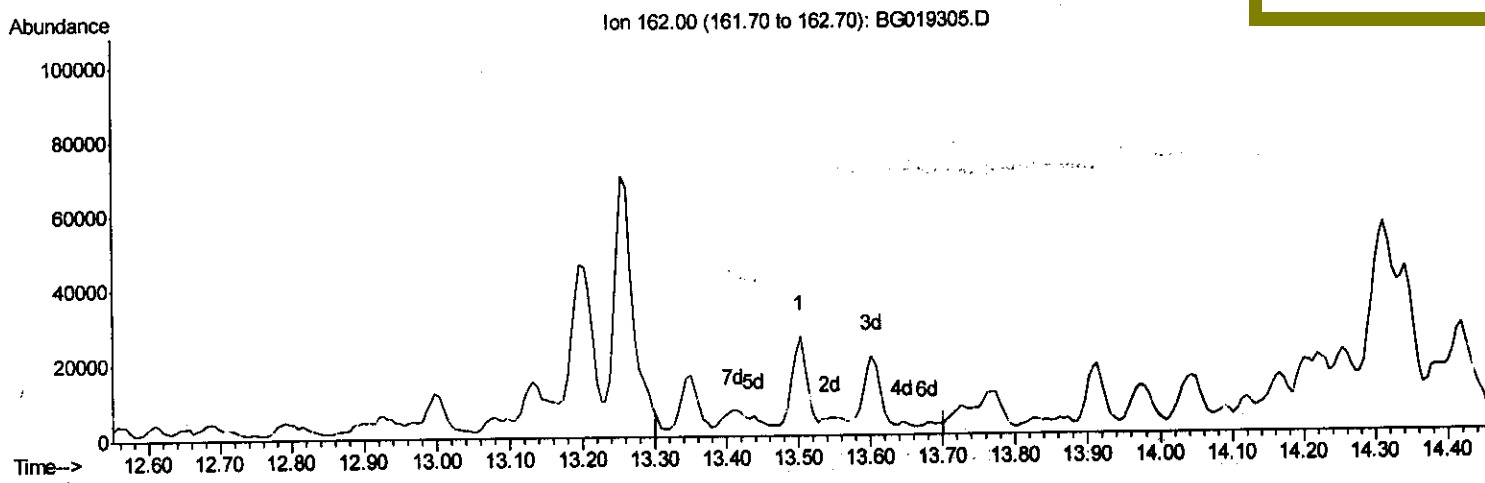
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

Quant Time: Oct 22 10:26:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(42) 2-Chloronaphthalene

13.501min (-13.501) 0.00ng/ul d

response 0

Ion	Exp%	Act%
162.00	100	0.00
164.00	32.30	0.00
127.00	36.20	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

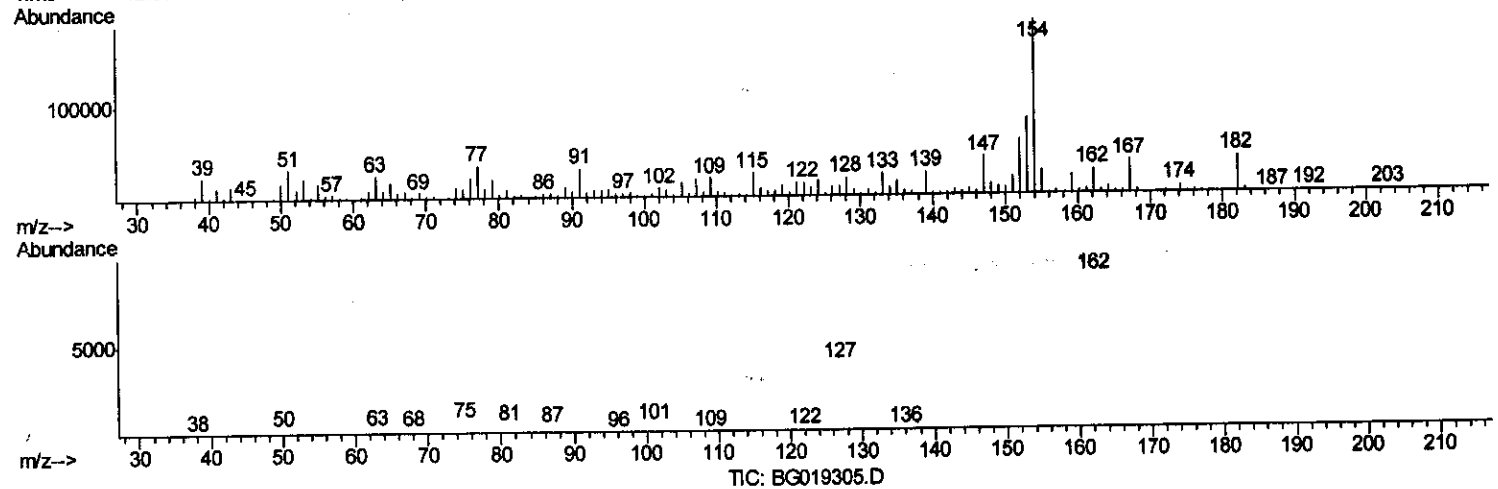
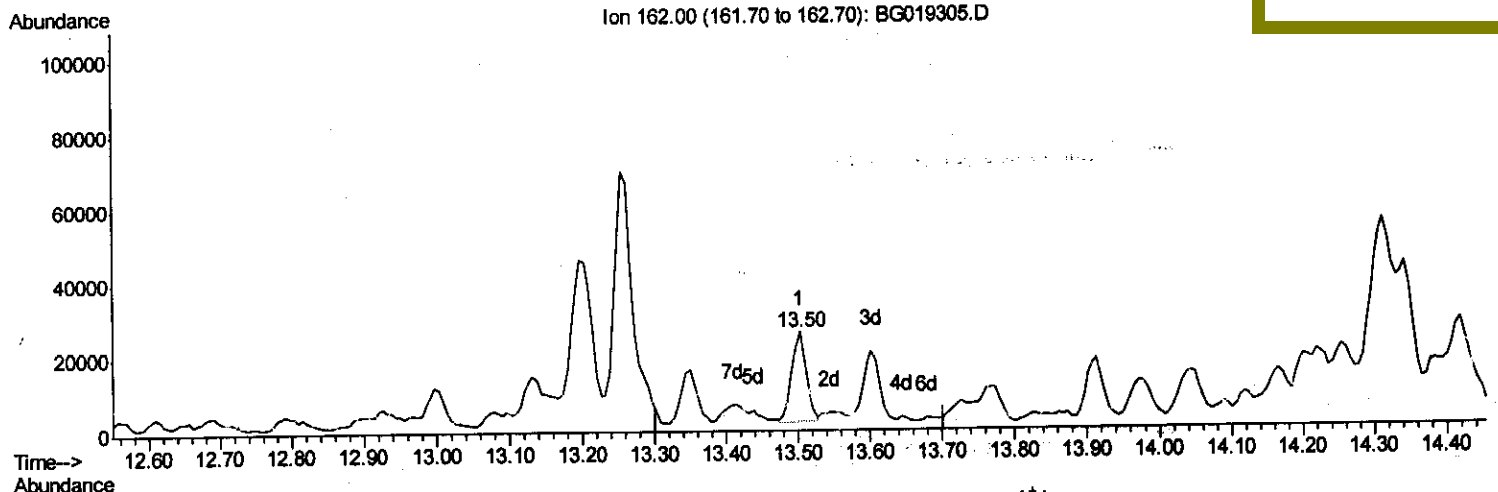
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

Quant Time: Oct 22 10:26:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(42) 2-Chloronaphthalene

13.502min (+0.001) 6.76ng/ul m

response 33172

Ion Exp% Act%

162.00	100	100
164.00	32.30	31.15
127.00	36.20	38.28
0.00	0.00	0.00

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Quantitation Report (Qedit)

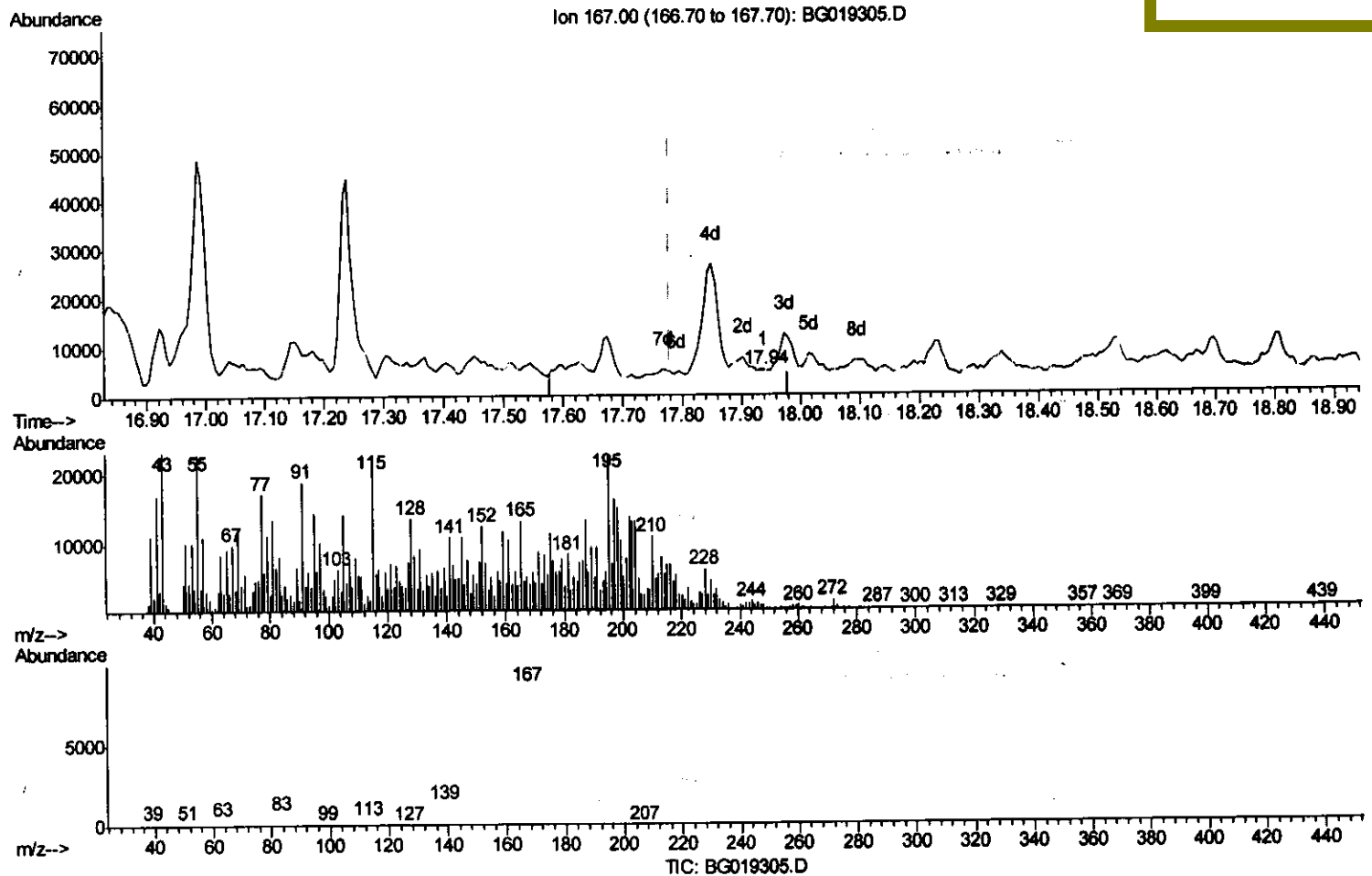
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLK7RX

Quant Time: Oct 22 10:26:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Manual Integrations
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(75) Carbazole

17.938min (+0.159) 0.03ng/ul

response 153

Ion	Exp%	Act%
167.00	100	100
166.00	23.20	88.00#
139.00	12.30	125.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

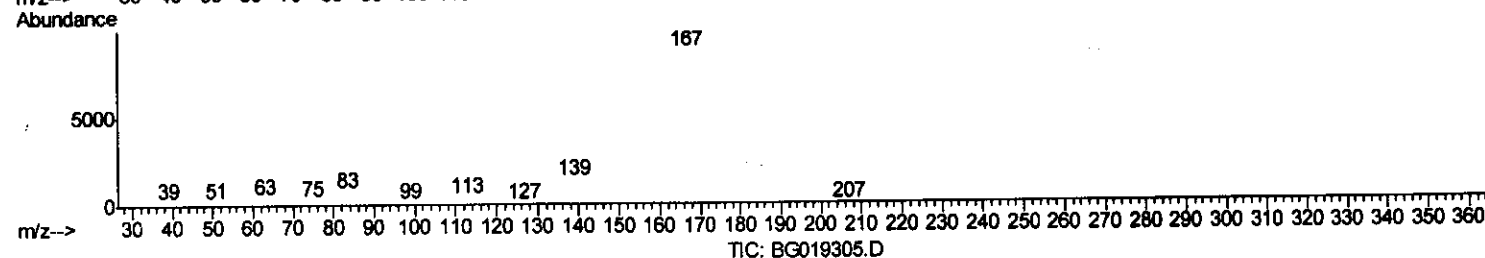
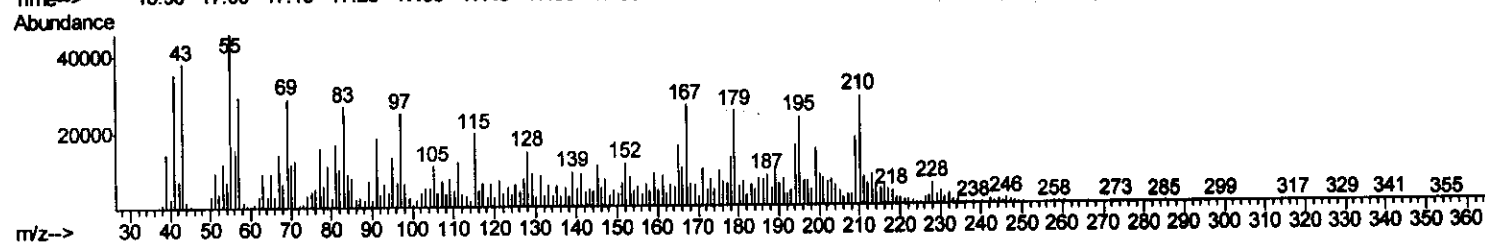
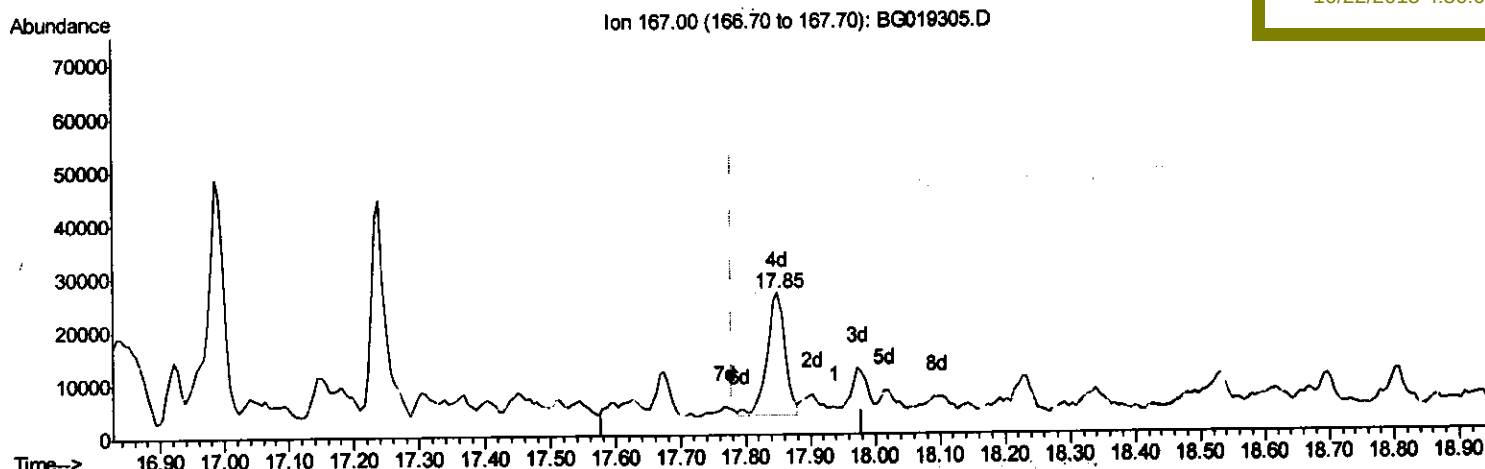
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
Data File : BG019305.D
Acq On : 22 Oct 2015 6:50
Operator : UM/NP
Sample : G3996-18RX
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESLK7RX

Quant Time: Oct 22 10:26:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration

Manual Integrations
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(75) Carbazole

17.850min (+0.071) 7.69ng/ul m

response 44467

Ion	Exp%	Act%
167.00	100	100
166.00	23.20	39.50#
139.00	12.30	34.86#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

Manual Integrations
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Quant Time: Oct 22 10:30:35 2015

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 21 01:23:32 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31215	20.00	ng/ul	0.02
18) Naphthalene-d8	10.85	136	149957	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.67	164	81326	20.00	ng/ul	0.05
62) Phenanthrene-d10	17.52	188	118313	20.00	ng/ul	0.15
78) Chrysene-d12	21.70	240	203322	20.00	ng/ul	0.06
86) Perylene-d12	24.95	264	203020	20.00	ng/ul	0.12

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	7227	12.89	ng/uL	-0.01
5) Phenol-d5	7.16	99	54	0.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	22184	12.65	ng/ul	0.02
9) 2-Chlorophenol-d4	7.56	132	27438	13.82	ng/ul	0.04
13) 4-Methylphenol-d8	8.72	113	185	0.08	ng/ul	0.01
19) Nitrobenzene-d5	9.21	128	19653	17.01	ng/ul	0.05
22) 2-Nitrophenol-d4	9.92	143	16847	13.74	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.53	165	30884	12.72	ng/ul	0.11
29) 4-Chloroaniline-d4	10.95	131	85507m	27.34	ng/ul	0.02
44) Dimethylphthalate-d6	14.07	166	13046	1.83	ng/ul	0.04
47) Acenaphthylene-d8	14.37	160	112272	14.60	ng/ul	0.05
52) 4-Nitrophenol-d4	14.90	143	4137	3.24	ng/ul	0.05
58) Fluorene-d10	15.67	176	149041	24.52	ng/ul	0.05
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.52	188	118313	21.17	ng/ul	0.05
79) Pyrene-d10	19.80	212	133713	14.50	ng/ul	0.05
90) Benzo(a)pyrene-d12	24.72	264	144482	14.09	ng/ul	0.11

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Target Compounds

						Qvalue
6) Phenol	7.27	94	1038939	366.23	ng/ul#	74
11) 2-Methylphenol	8.54	108	1696283	761.79	ng/ul	97
14) Acetophenone	8.81	105	102862	26.40	ng/ul#	50
16) 4-Methylphenol	8.94	108	3351966	1341.76	ng/ul	97
24) 2,4-Dimethylphenol	10.11	107	3173272m	1005.32	ng/ul	
28) Naphthalene	10.91	128	2259150	288.22	ng/ul#	92
34) 2-Methylnaphthalene	12.52	142	1205231	193.97	ng/ul	99
35) 1-Methylnaphthalene	12.73	142	746015	122.60	ng/ul#	99
41) 1,1'-Biphenyl	13.51	154	364957	57.48	ng/ul	93
42) 2-Chloronaphthalene	13.50	162	33172m	6.76	ng/ul	
48) Acenaphthylene	14.40	152	130352	15.37	ng/ul#	79
50) Acenaphthene	14.74	153	109829	19.34	ng/ul	94
54) Dibenzofuran	15.08	168	510547m	63.62	ng/ul	
59) Fluorene	15.73	166	358079	52.14	ng/ul#	94
70) Phenanthrene	17.47	178	644452	97.55	ng/ul	93
72) Anthracene	17.56	178	162581m	24.22	ng/ul	
75) Carbazole	17.85	167	44467m	7.69	ng/ul	
77) Fluoranthene	19.47	202	197215m	23.85	ng/ul	
80) Pyrene	19.84	202	215806	17.88	ng/ul#	89
83) Benzo(a)anthracene	21.67	228	55037	4.79	ng/ul#	71
85) Chrysene	21.74	228	66737	6.14	ng/ul#	74
91) Benzo(a)pyrene	24.79	252	23159	2.09	ng/ul#	12

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
Data File : BG019305.D
Acq On : 22 Oct 2015 6:50
Operator : UM/NP
Sample : G3996-18RX
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7RX

Quant Time: Oct 22 10:30:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMdadoda
10/22/2015 4:56:00 PM

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