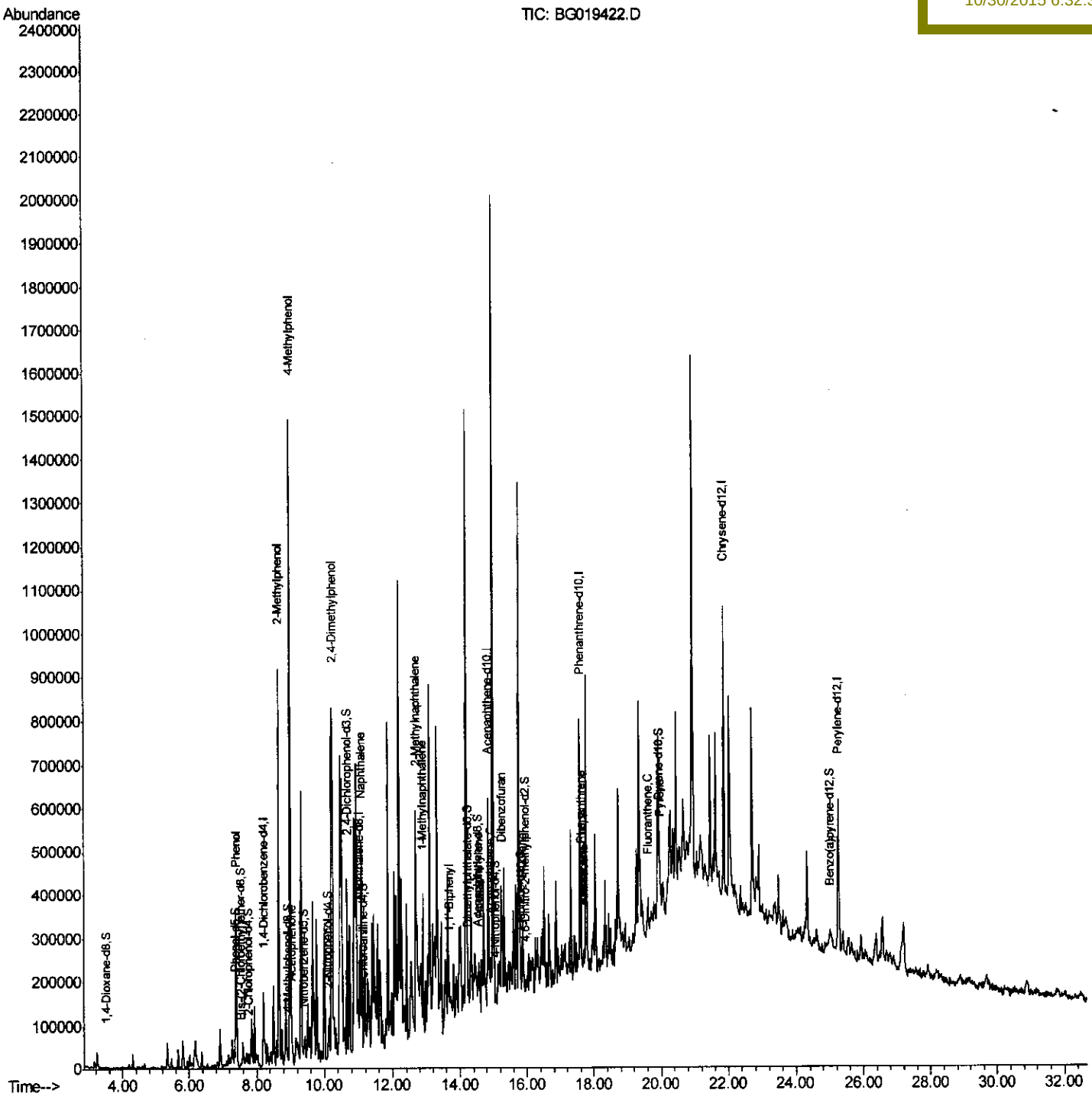
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18REDL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 30 06:17:18 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:32:30 PM



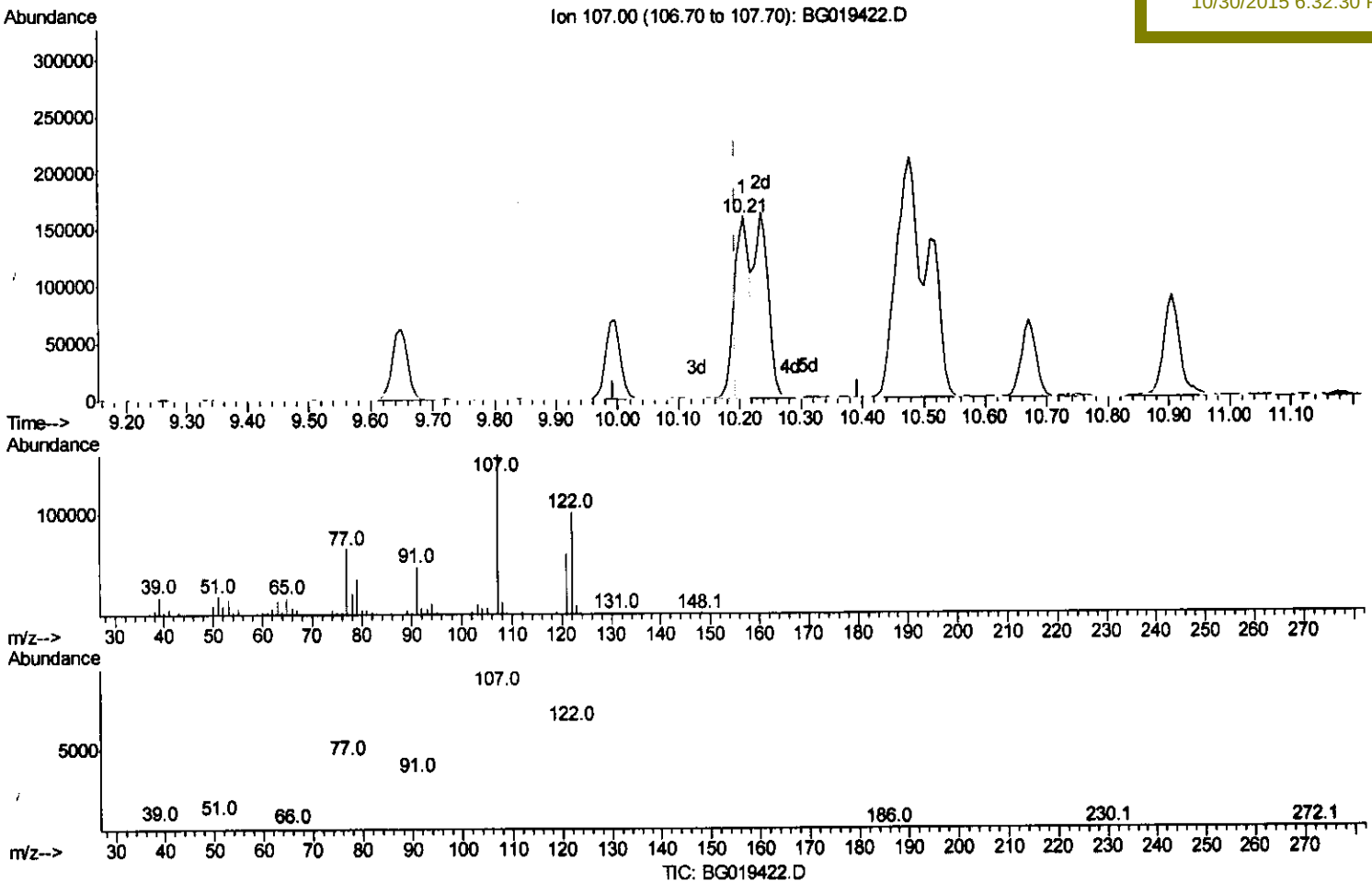
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18REDL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 30 03:28:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:32:30 PM



TIC: BG019422.D

(24) 2,4-Dimethylphenol

10.207min (+0.013) 60.38ng/ul

response 277479

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	37.70
122.00	67.70	63.14
0.00	0.00	0.00

Quantitation Report (Qedit)

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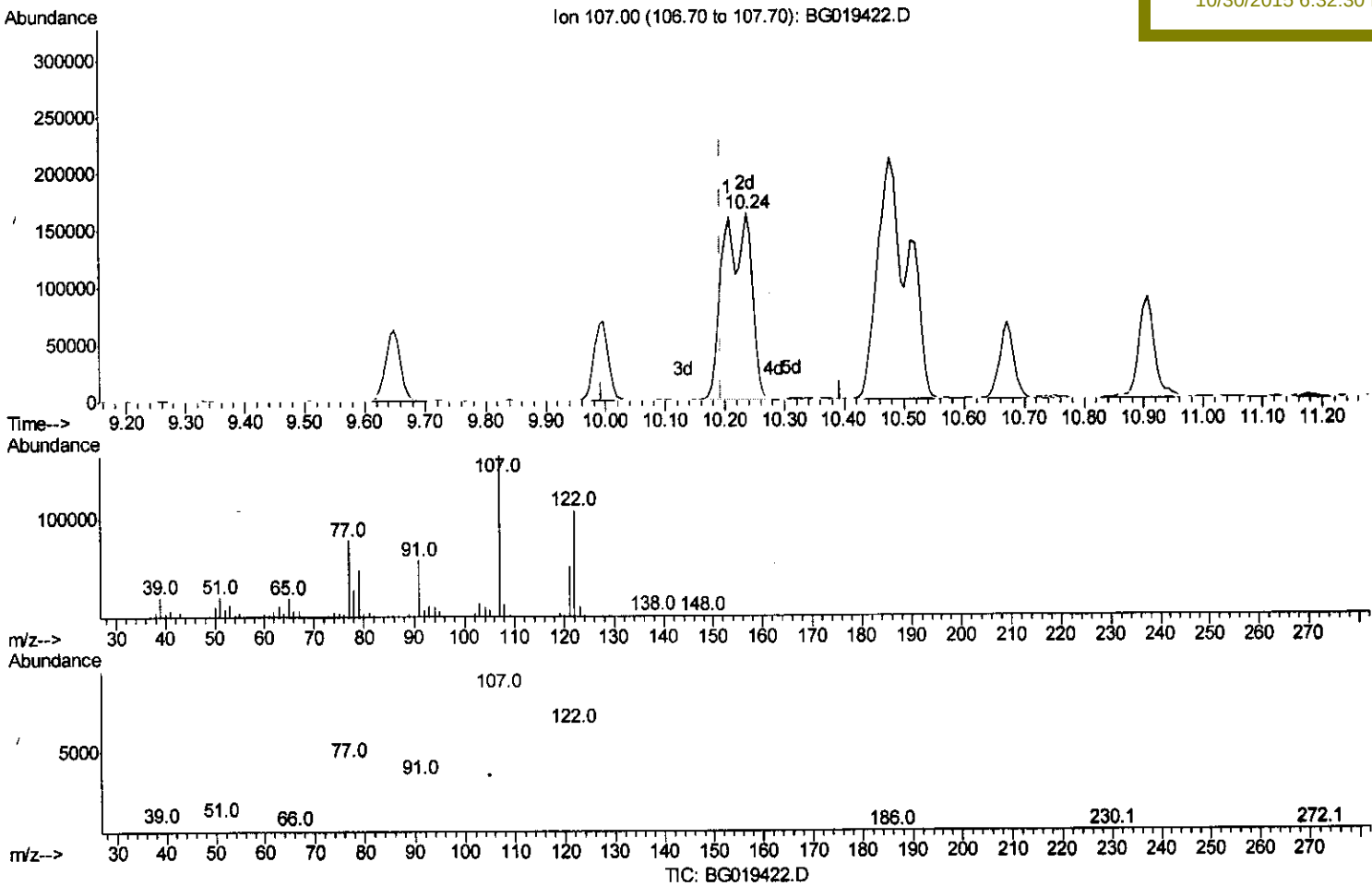
Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:32:30 PM



(24) 2,4-Dimethylphenol

10.236min (+0.043) 116.38ng/ul m U.M 10/31/15

response 534850

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	31.03#
122.00	67.70	65.19
0.00	0.00	0.00

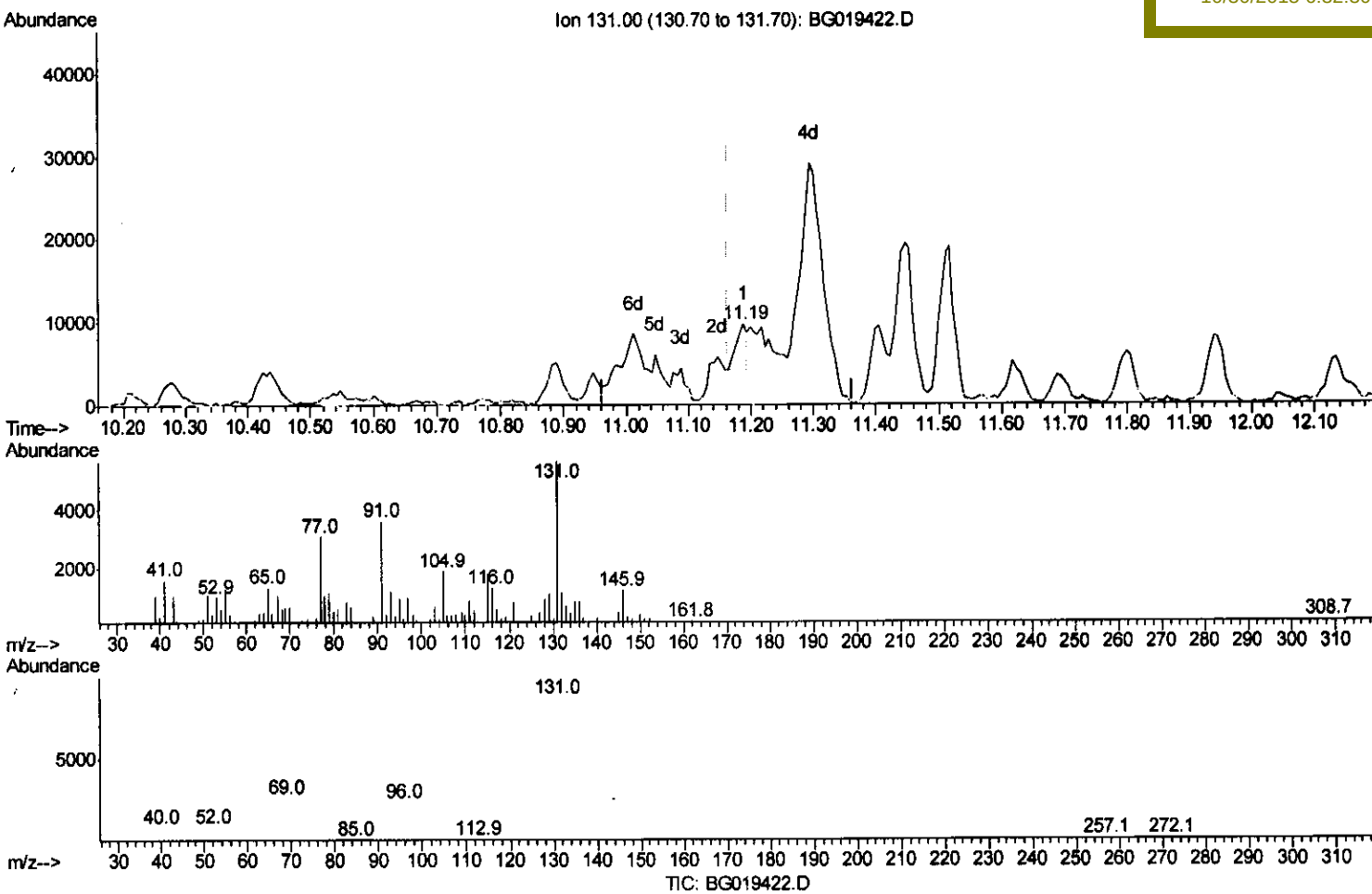
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18REDL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 30 03:28:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:32:30 PM



TIC: BG019422.D

(29) 4-Chloroaniline-d4 (S)

11.188min (+0.025) 2.02ng/ul

response 6878

Ion	Exp%	Act%
131.00	100	100
133.00	29.30	5.42#
69.00	23.70	9.95#
0.00	0.00	0.00

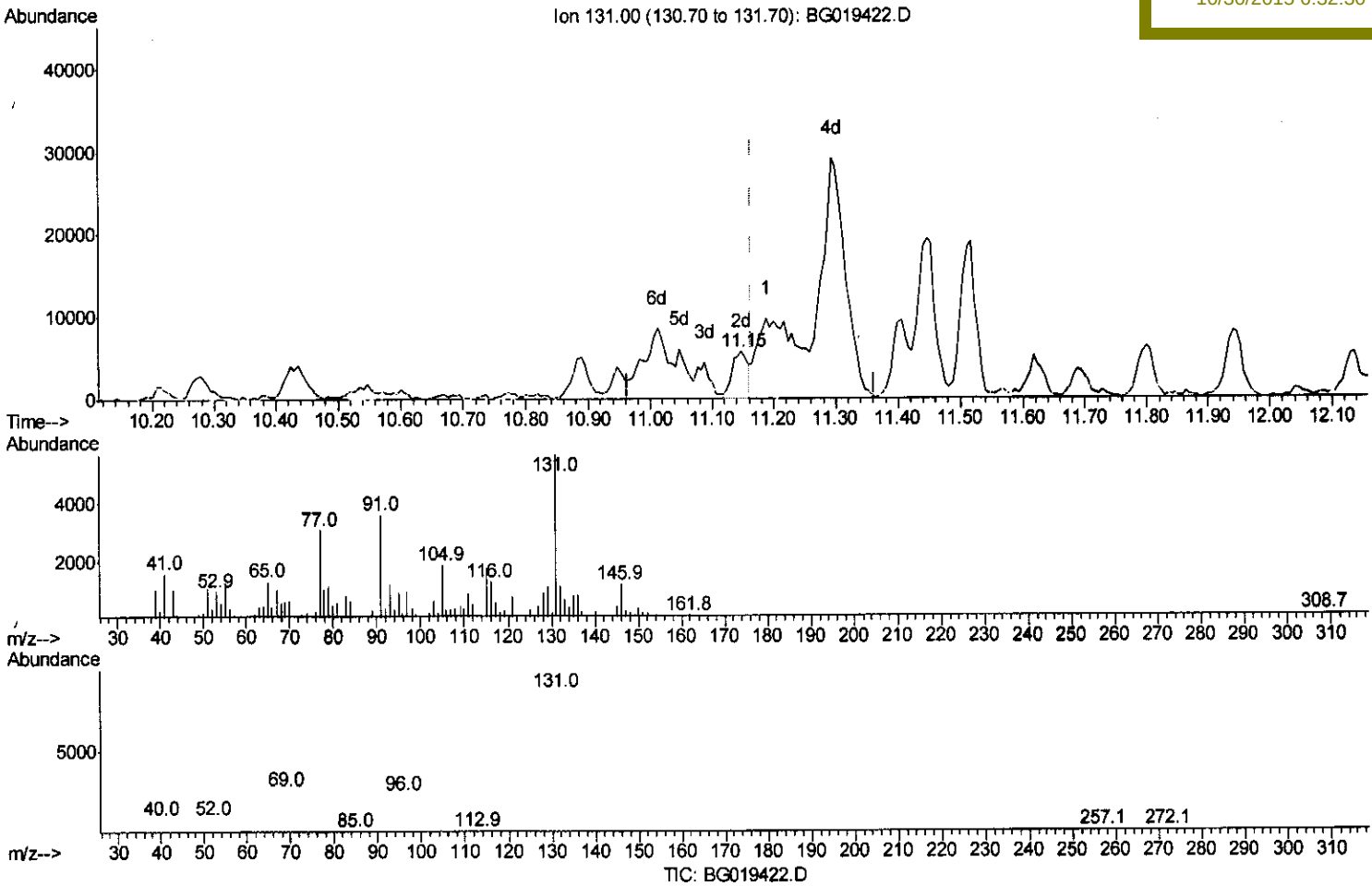
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18REDL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 30 03:28:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:32:30 PM



TIC: BG019422.D

(29) 4-Chloroaniline-d4 (S)

11.147min (-0.016) 2.90ng/ul m UM 10/31/15

response 9856

Ion	Exp%	Act%
131.00	100	100
133.00	29.30	12.96#
69.00	23.70	11.70#
0.00	0.00	0.00

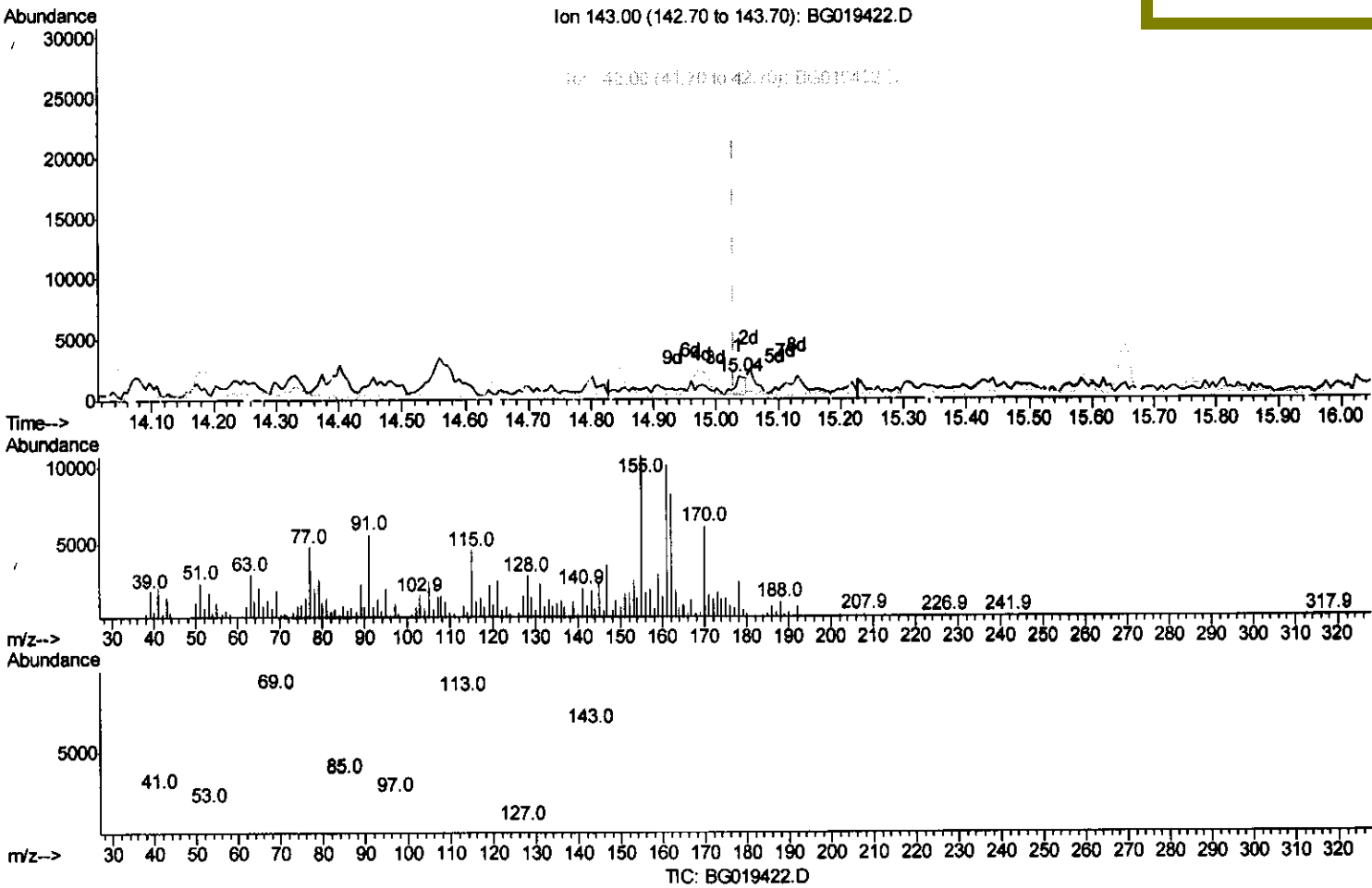
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18REDL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 30 03:28:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:32:30 PM



(52) 4-Nitrophenol-d4 (S)

15.036min (+0.007) 1.11ng/ul

response 1994

Ion	Exp%	Act%
143.00	100	100
113.00	166.10	47.91#
41.00	40.70	114.42#
42.00	28.20	21.49#

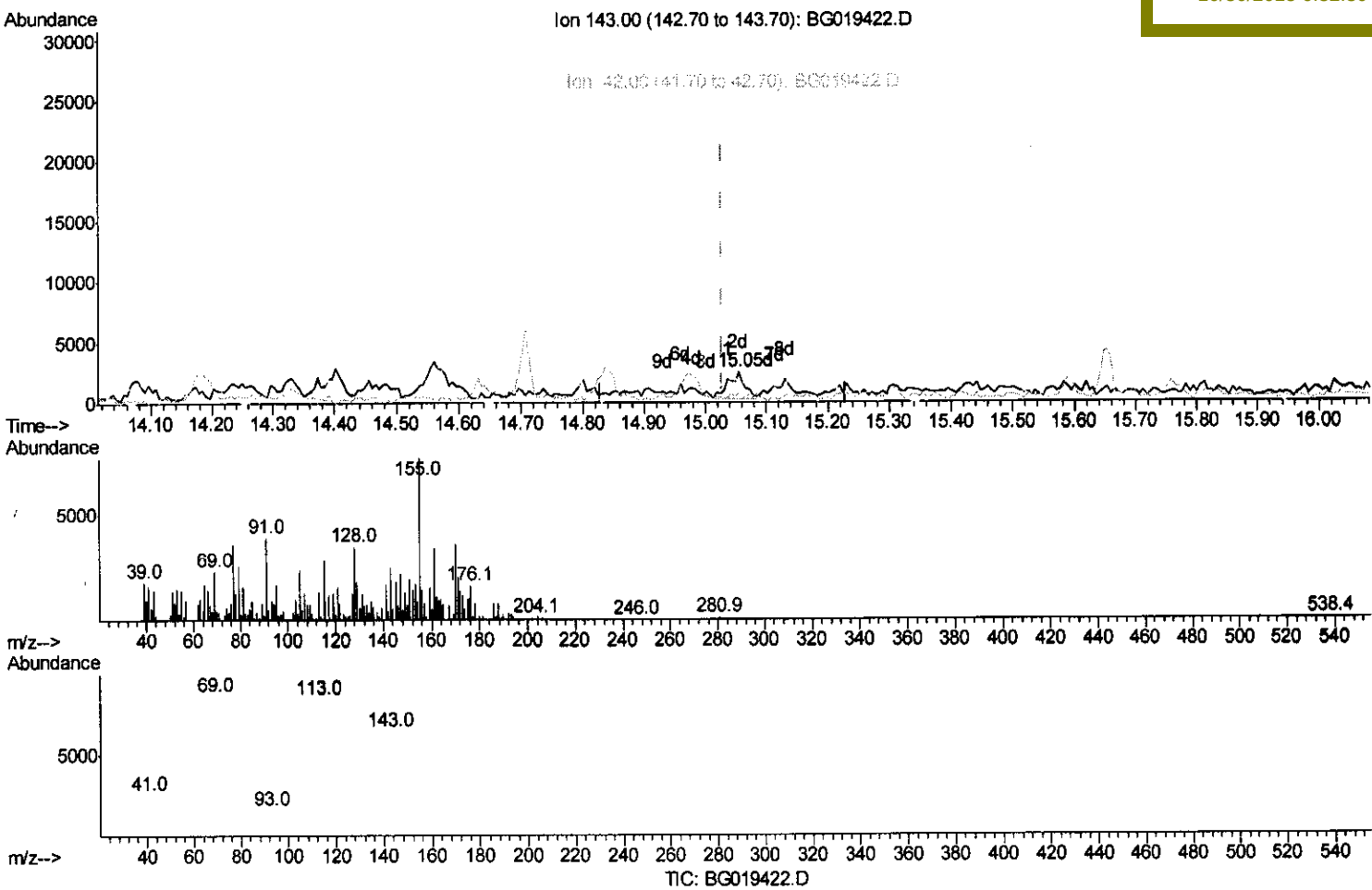
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18REDL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 30 03:28:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:32:30 PM



(52) 4-Nitrophenol-d4 (S)

15.054min (+0.025) 2.36ng/ul m U.M 10/31/15

response 4231

Ion	Exp%	Act%
143.00	100	100
113.00	166.10	57.00#
41.00	40.70	69.04#
42.00	28.20	27.73

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18REDL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 30 03:28:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Manual Integrations APPROVED
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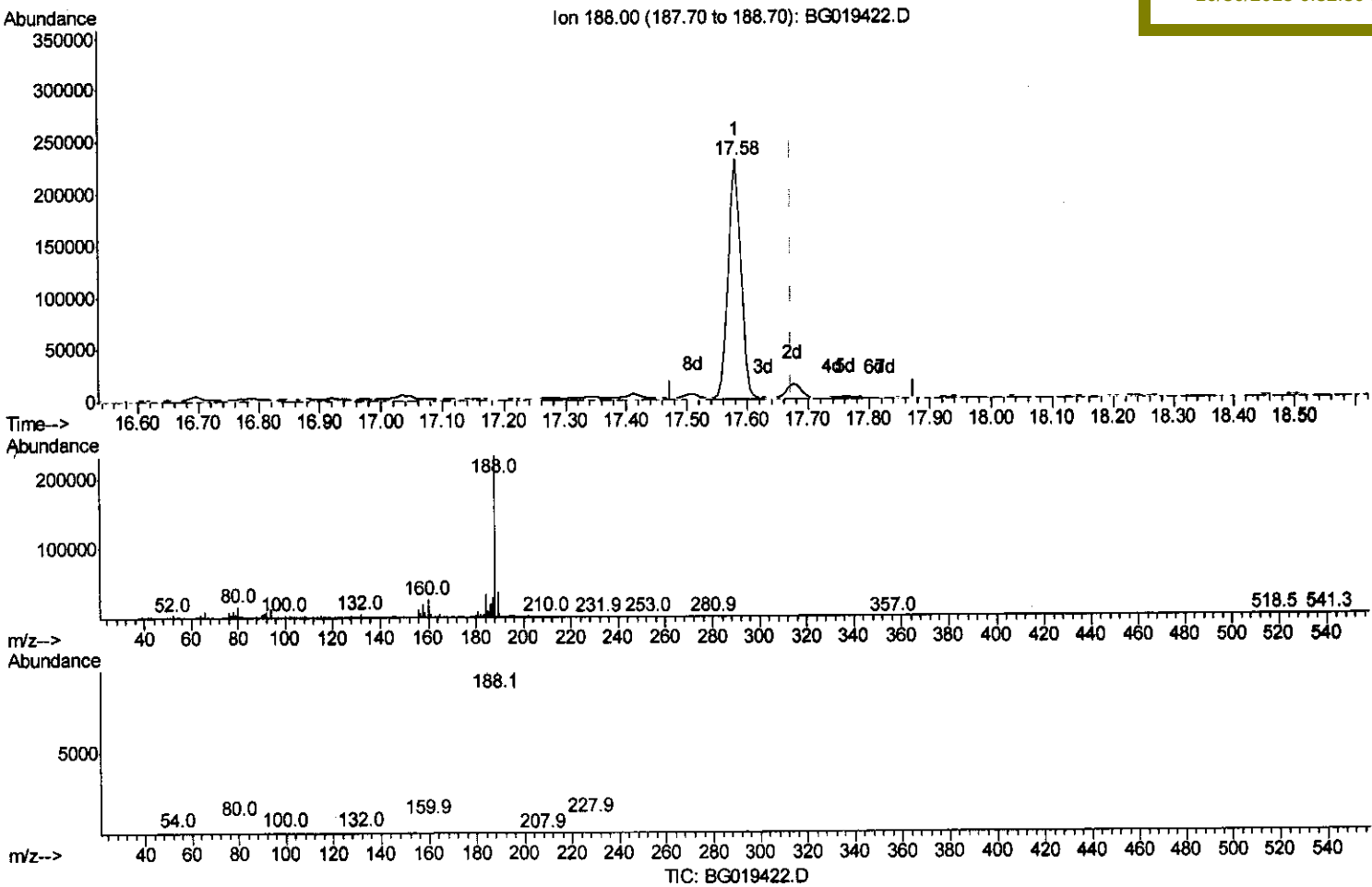
10/30/2015 6:32:30 PM



(71) Anthracene-d10 (S)

17.580min (-0.093) 21.94ng/ul

response 333492

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	5.82
80.00	7.00	7.23
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18REDL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 30 03:28:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
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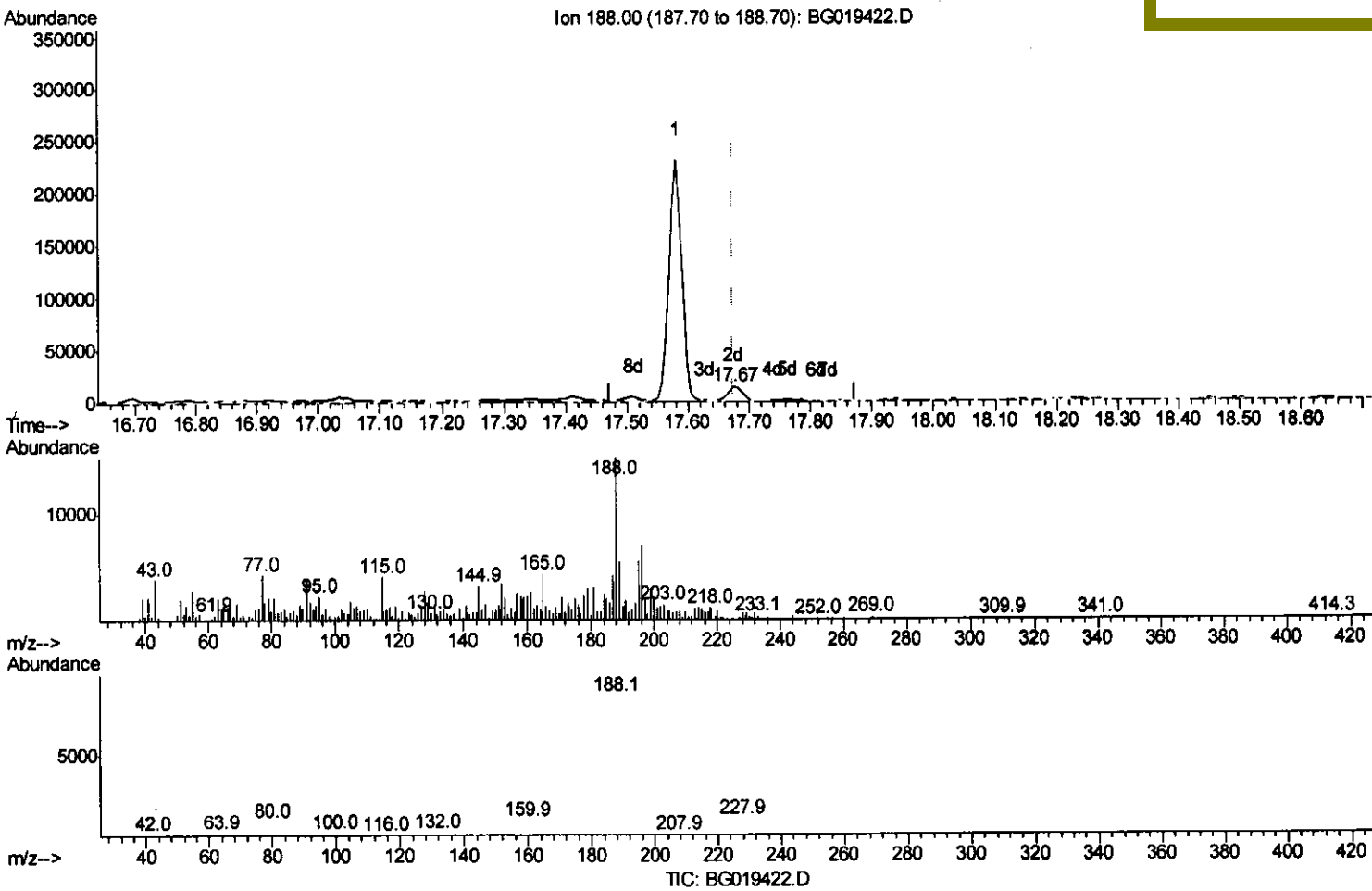
Instrument :
BNA_G
ClientSampleId :
E5LK7DL

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:32:30 PM



TIC: BG019422.D

(71) Anthracene-d10 (S)

17.674min (+0.001) 1.51ng/ul m U.M 10/31/15

response 22940

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	9.61#
80.00	7.00	6.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
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Misc :
ALS Vial : 33 Sample Multiplier: 1

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QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : E5LK7DL

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:32:30 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	40479	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	177556	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	136992	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	333492	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	405269	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	393909	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	1040	1.23	ng/uL	0.00
5) Phenol-d5	7.37	99	5128	1.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.52	67	3922	1.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	3887	1.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	4665	1.58	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	3109	2.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	2047	1.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	4863	1.45	ng/ul	0.01
29) 4-Chloroaniline-d4	11.15	131	9856m	2.90	ng/ul	-0.02
44) Dimethylphthalate-d6	14.24	166	15034	1.33	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	18315	1.46	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	4231m	2.36	ng/ul	0.02
58) Fluorene-d10	15.82	176	20776	1.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	2644	1.22	ng/ul	0.01
71) Anthracene-d10	17.67	188	22940m	1.51	ng/ul	0.00
79) Pyrene-d10	19.95	212	22787	1.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	25382	1.28	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.39	94	192266	48.57	ng/ul	100
11) 2-Methylphenol	8.66	108	273839	93.54	ng/ul	99
14) Acetophenone	9.04	105	60829	12.24	ng/ul	89
16) 4-Methylphenol	9.00	108	545583	170.66	ng/ul	98
24) 2,4-Dimethylphenol	10.24	107	534850m	116.38	ng/ul	
28) Naphthalene	11.09	128	323889	36.46	ng/ul	97
34) 2-Methylnaphthalene	12.68	142	165344	23.16	ng/ul	96
35) 1-Methylnaphthalene	12.90	142	103904	15.38	ng/ul#	96
41) 1,1'-Biphenyl	13.67	154	54977	5.68	ng/ul#	87
48) Acenaphthylene	14.56	152	20450	1.60	ng/ul#	77
50) Acenaphthene	14.90	153	15750	1.82	ng/ul#	88
54) Dibenzofuran	15.23	168	79318	6.22	ng/ul	89
59) Fluorene	15.88	166	57555	5.18	ng/ul#	84
70) Phenanthrene	17.62	178	113302	6.73	ng/ul#	91
72) Anthracene	17.71	178	23731	1.38	ng/ul#	77
77) Fluoranthene	19.62	202	34245	1.57	ng/ul#	97
80) Pyrene	19.98	202	37346	1.64	ng/ul#	91

U.M 10/31/15

U.M 10/31/15

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