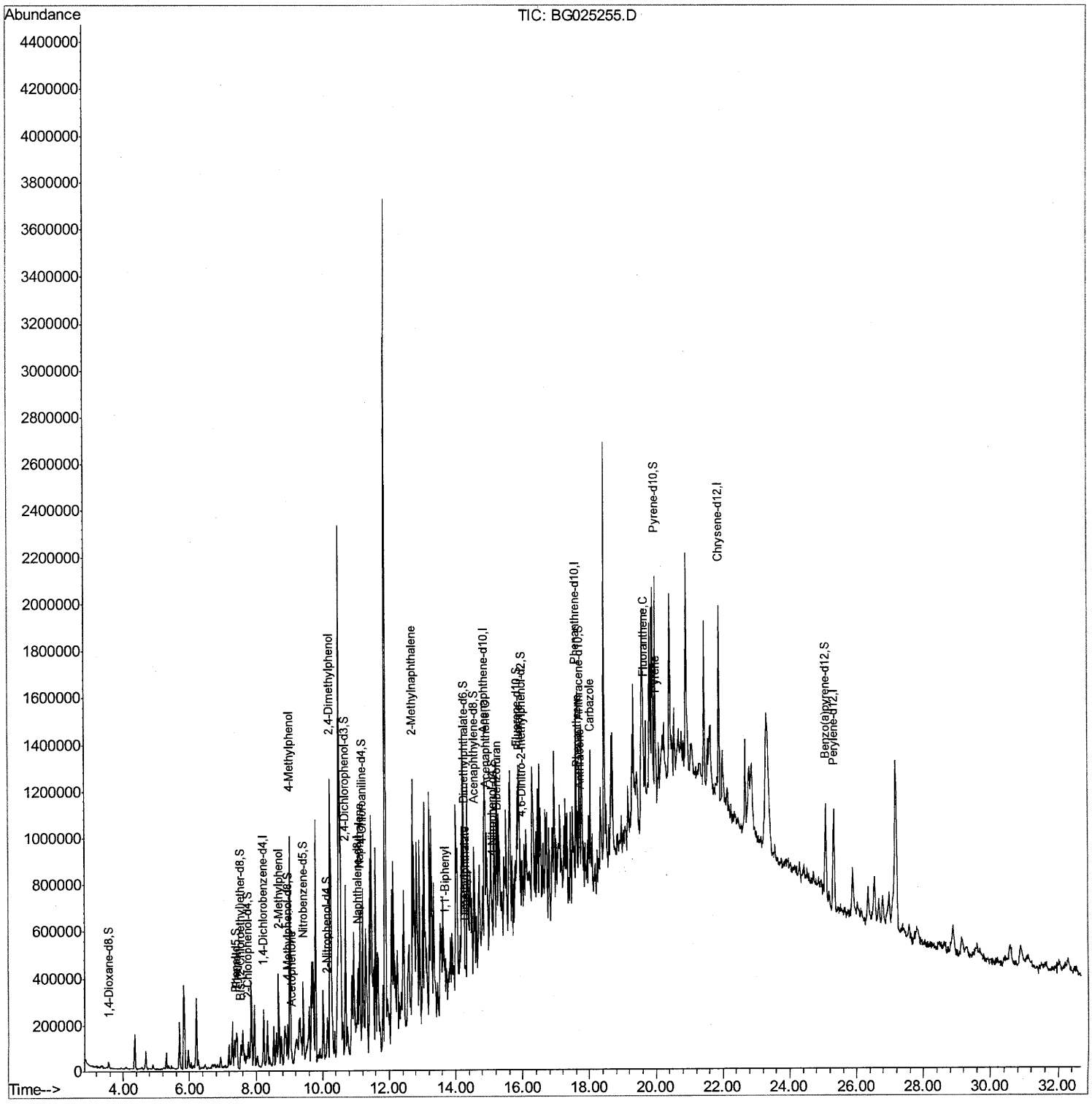
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 17 05:57:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA8W4

Manual Integrations APPROVED
umangi
12/20/2016 10:48:49 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 17 05:10:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
umangi
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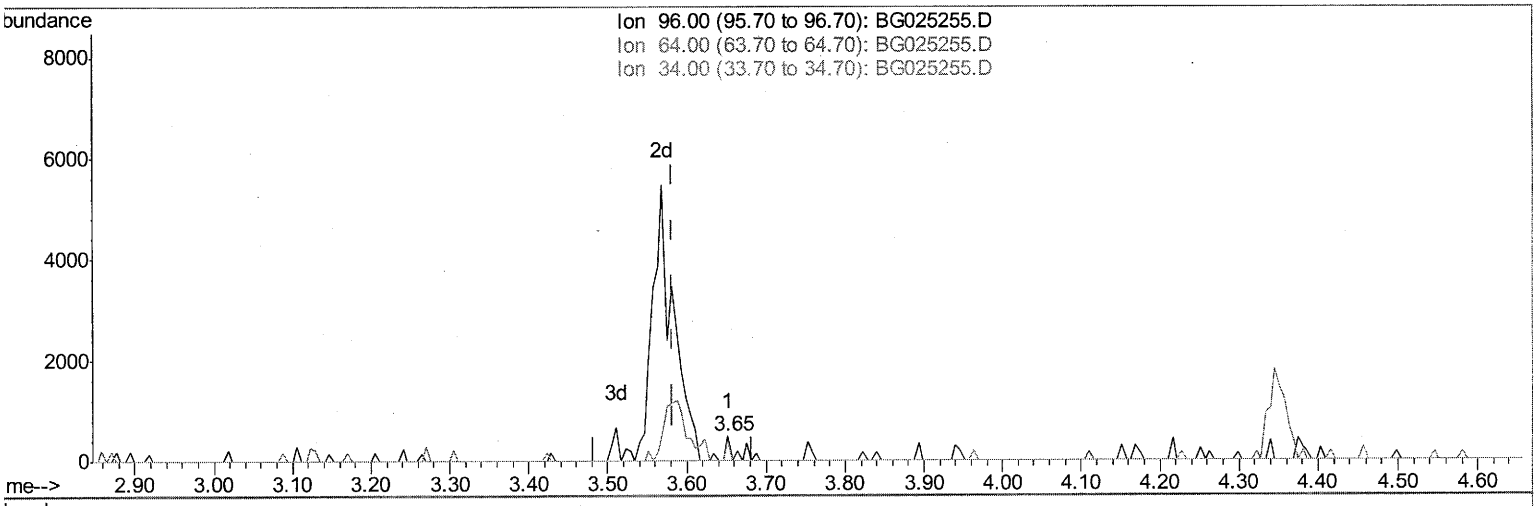

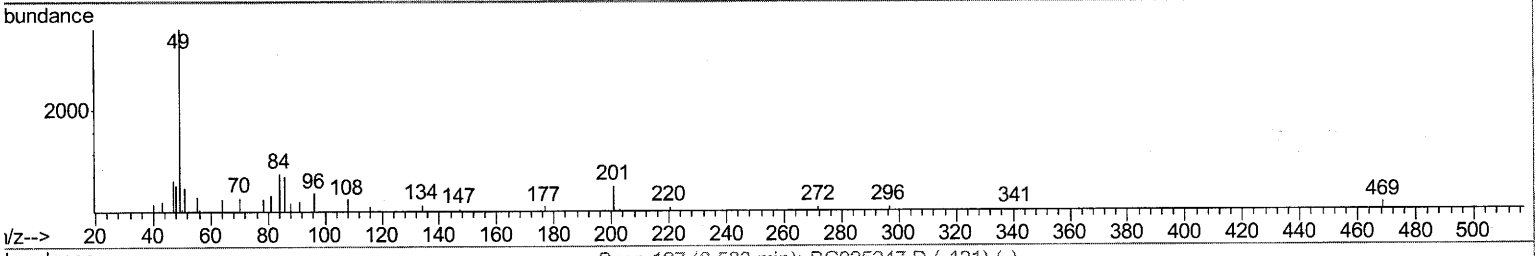

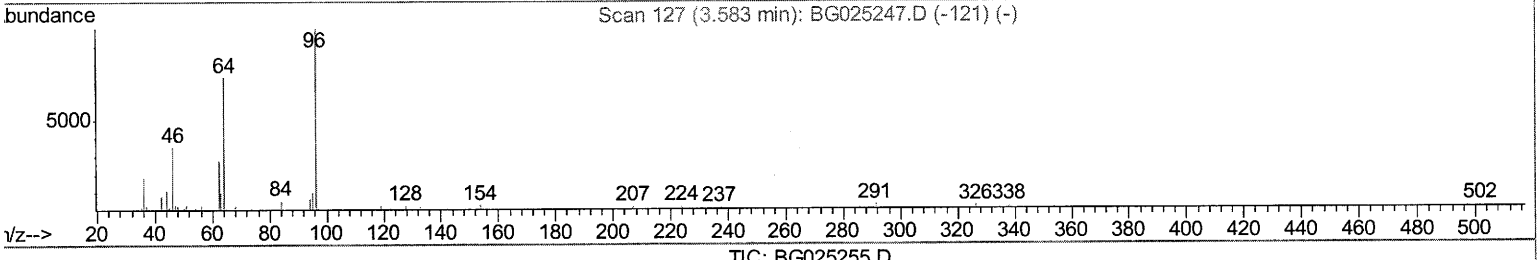

TIC: BG025255.D

(3) 1,4-Dioxane-d8 (S)

3.652min (+0.069) 0.19ng/uL

response 225

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	79.51
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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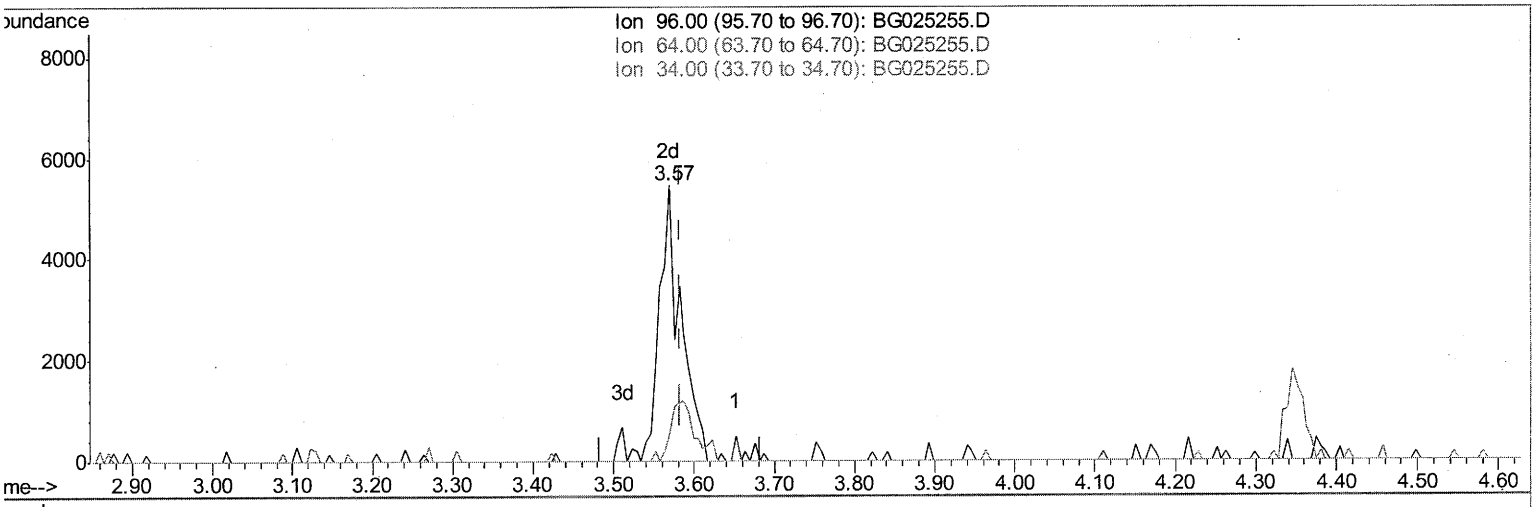
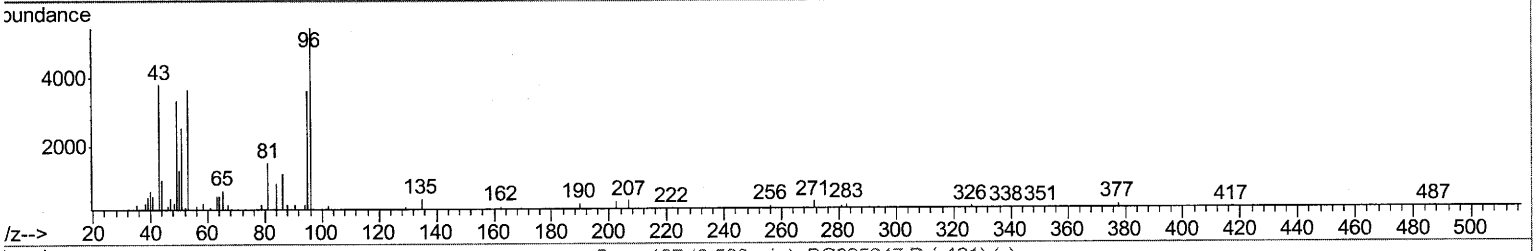
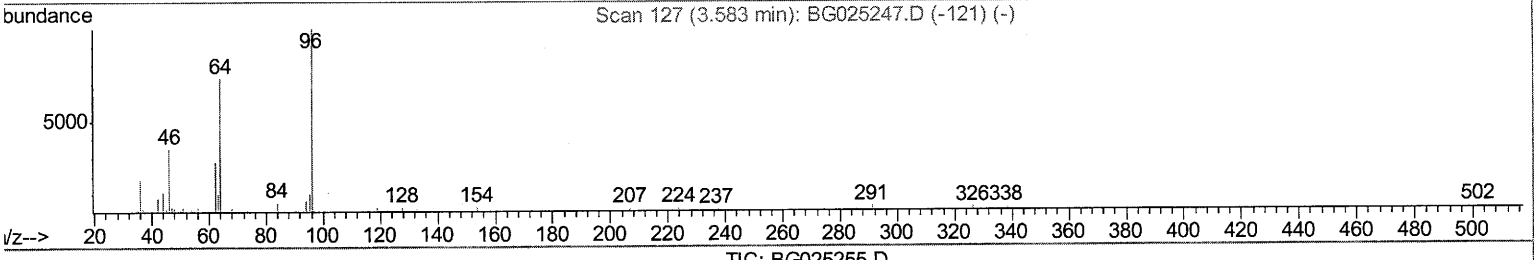
Instrument :
BNA_G
ClientSampleId :
DA8W4

Manual Integrations APPROVED
umangi
12/20/2016 10:48:49 AM







TIC: BG025255.D

(3) 1,4-Dioxane-d8 (S)

3.570min (-0.013) 8.43ng/uL m UM

response 10059 12117/15

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	9.92#
34.00	0.00	0.00
0.00	0.00	0.00

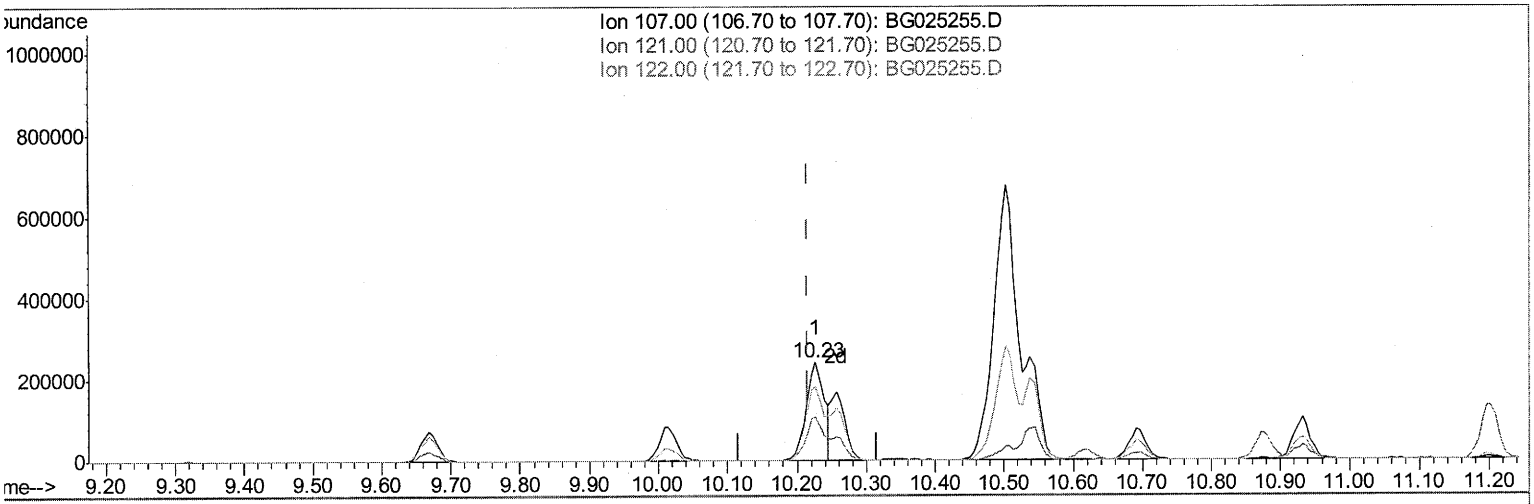
Quantitation Report (Qedit)

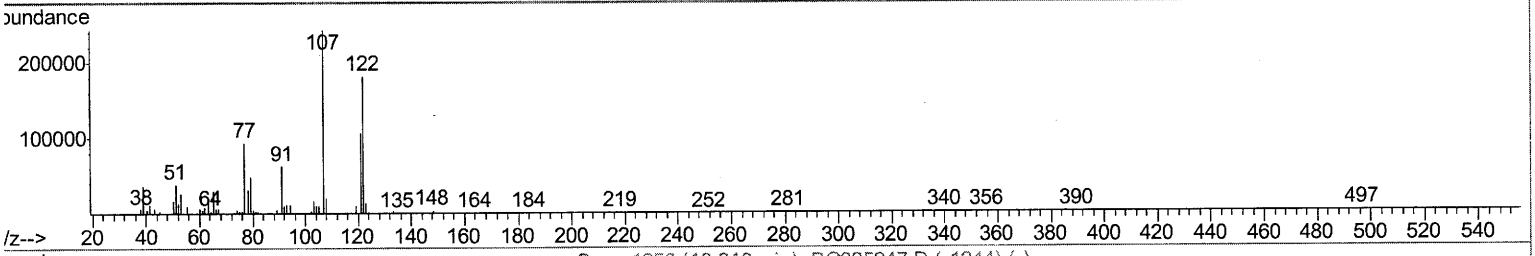
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

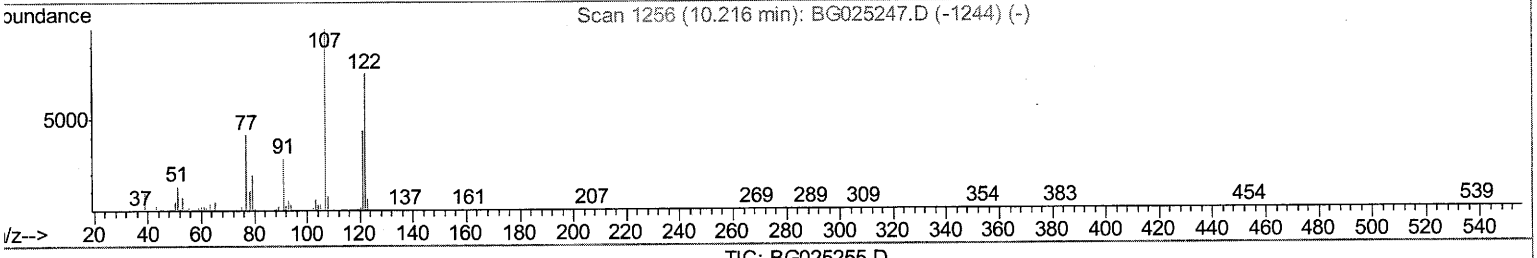
Quant Time: Dec 17 05:10:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA8W4

Manual Integrations APPROVED
umangi
12/20/2016 10:48:49 AM







TIC: BG025255.D

(24) 2,4-Dimethylphenol

10.227min (+0.010) 85.35ng/ul

response 440424

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	44.06
122.00	76.50	74.97
0.00	0.00	0.00

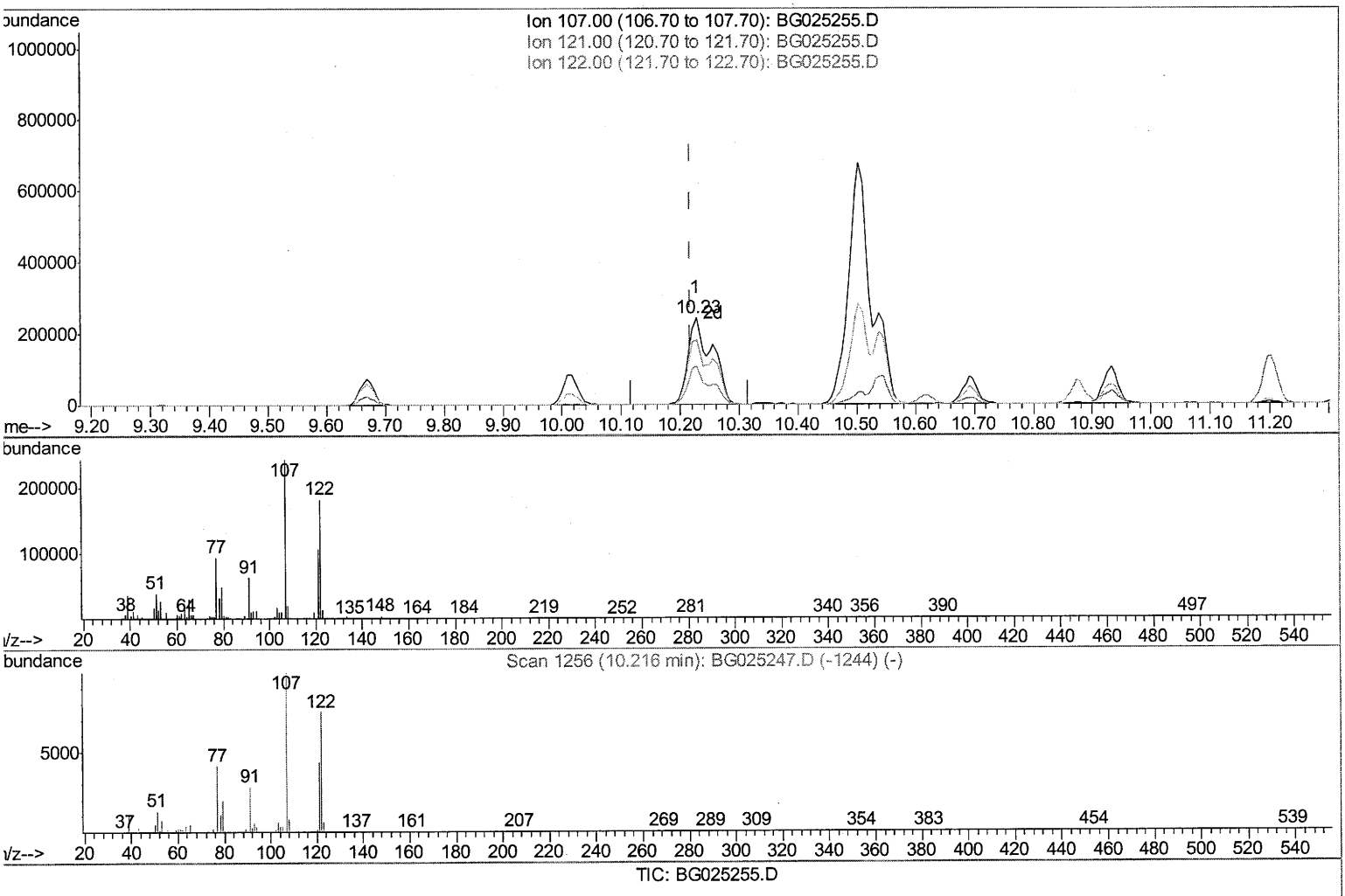
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 17 05:10:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA8W4

Manual Integrations APPROVED
umangi
12/20/2016 10:48:49 AM



(24) 2,4-Dimethylphenol

10.227min (+0.010) 131.50ng/ul m

response 678564

UM
12/17/15

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	44.06
122.00	76.50	74.97
0.00	0.00	0.00

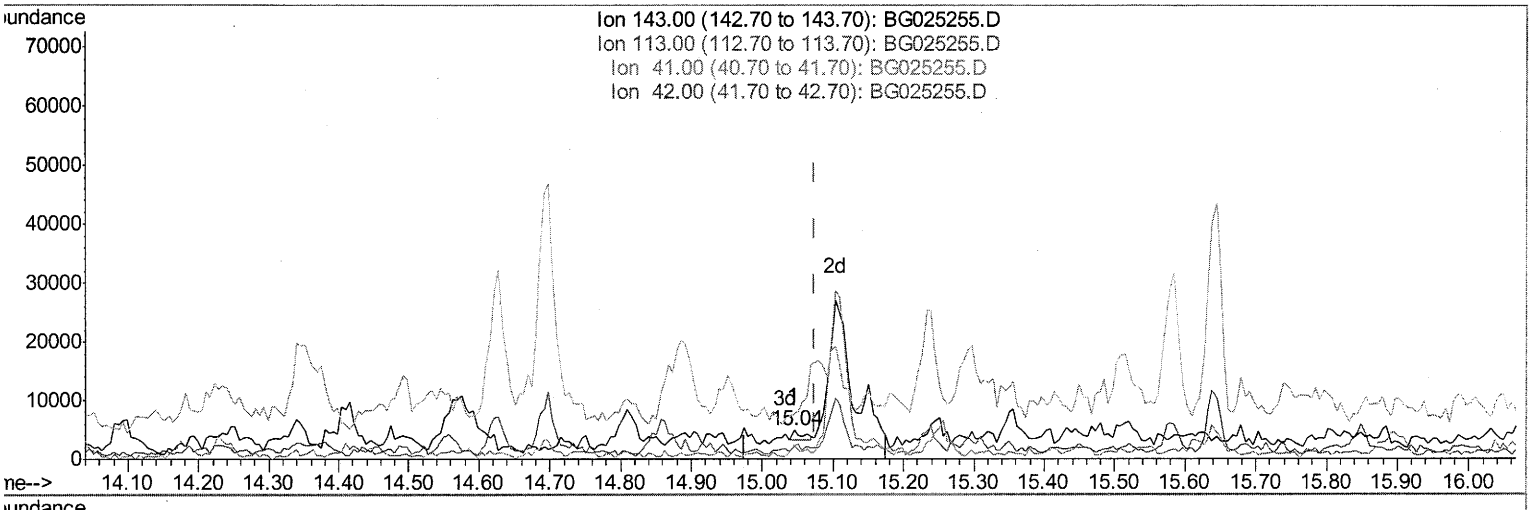
Quantitation Report (Qedit)

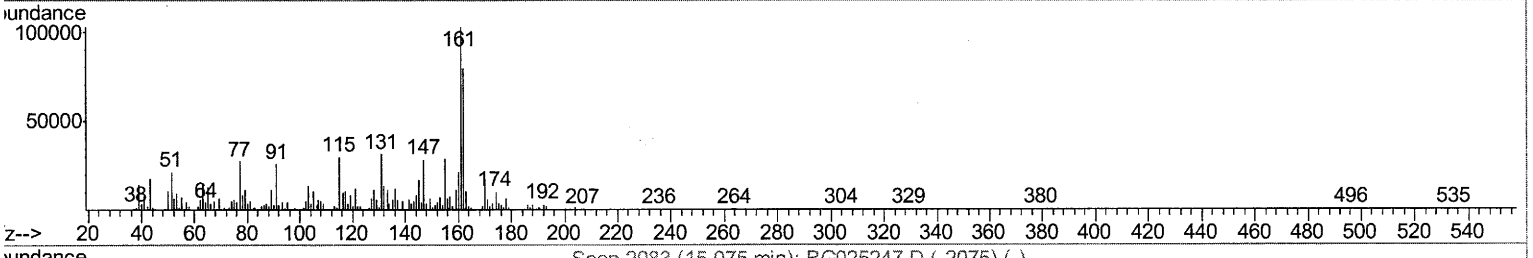
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

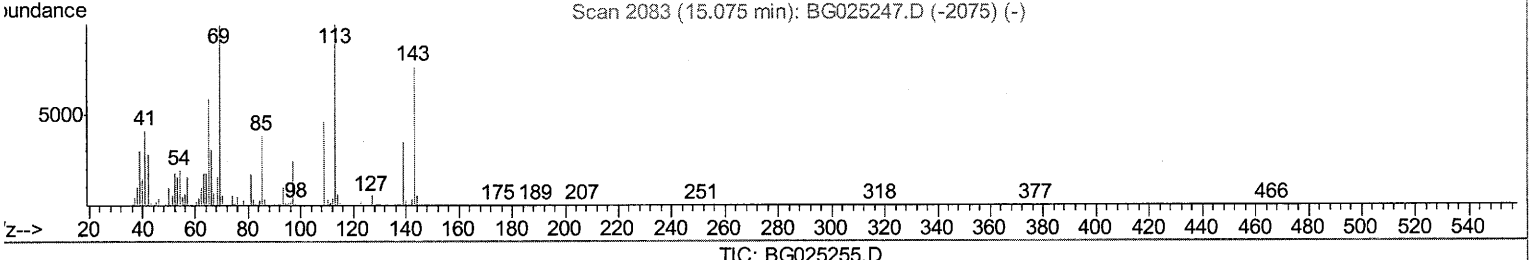
Quant Time: Dec 17 05:10:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA8W4

Manual Integrations APPROVED
umangi
12/20/2016 10:48:49 AM







TIC: BG025255.D

(51) 4-Nitrophenol-d4 (S)

15.045min (-0.031) 0.71ng/ul

response 1704

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	47.27#
41.00	58.00	156.90#
42.00	42.20	45.64

Quantitation Report (Qedit)

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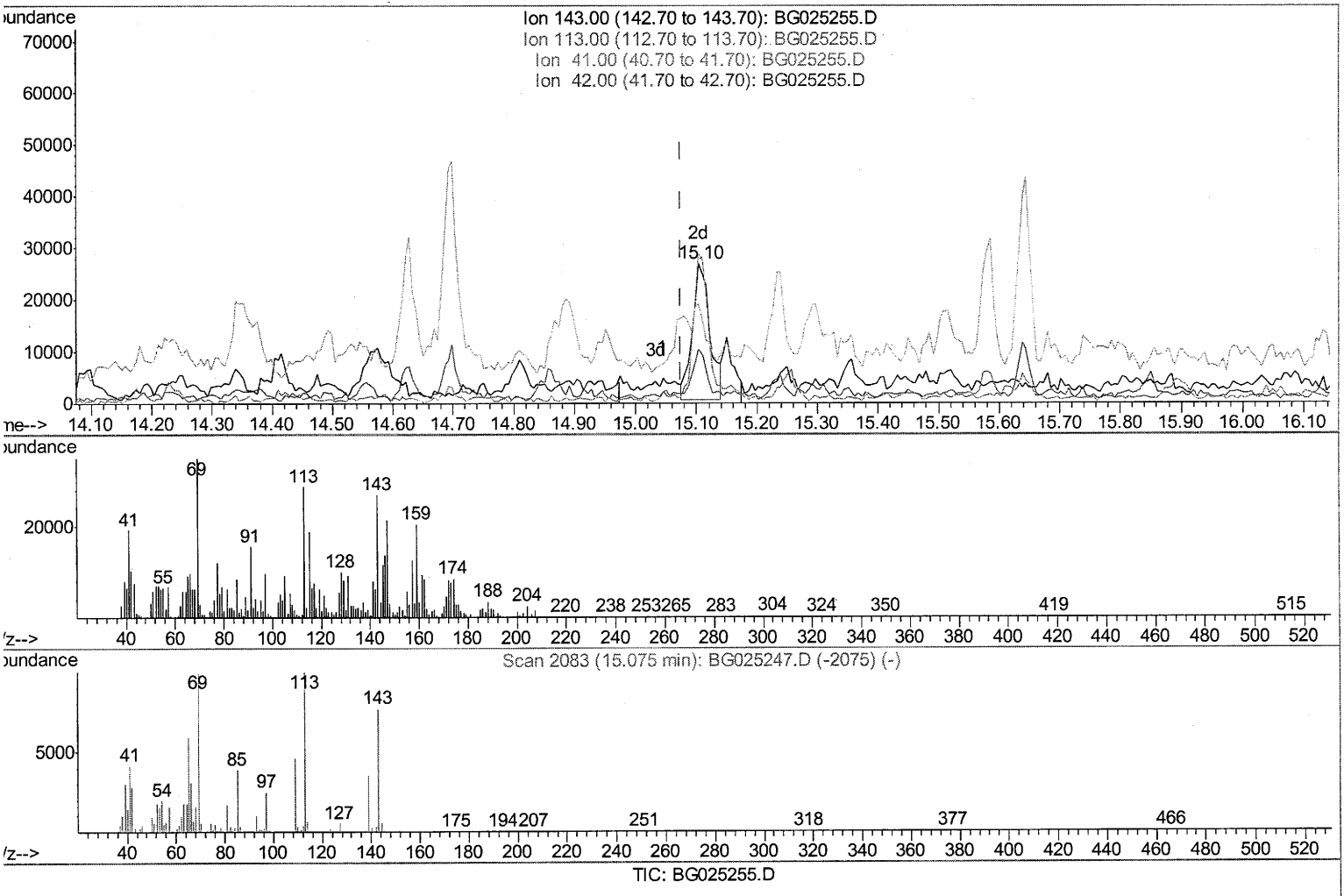
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 17 05:10:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA8W4

Manual Integrations APPROVED
umangi
12/20/2016 10:48:49 AM



(51) 4-Nitrophenol-d4 (S)

15.103min (+0.028) 21.86ng/ul m UM 12/17/16

response 52812

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	106.58
41.00	58.00	71.41#
42.00	42.20	38.57

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025255.D
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Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : DA8W4

Manual Integrations APPROVED
umangi
12/20/2016 10:48:49 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.23	152	61651	20.00	ng/ul	0.00	
18) Naphthalene-d8	11.06	136	251978	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.86	164	204374	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.60	188	439915	20.00	ng/ul	0.00	
75) Chrysene-d12	21.90	240	562406	20.00	ng/ul	0.00	
83) Perylene-d12	25.33	264	572446	20.00	ng/ul	0.01	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.57	96	10059m	8.43	ng/uL	-0.01	um
5) Phenol-d5	7.40	99	73574	13.83	ng/ul	0.01	12/17/15
7) Bis-(2-Chloroethyl)ether-d	7.55	67	45300	13.77	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.76	132	53079	14.27	ng/ul	0.00	
13) 4-Methylphenol-d8	8.95	113	61706	13.88	ng/ul	0.00	
19) Nitrobenzene-d5	9.42	128	32106	17.99	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.14	143	34328	15.43	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.70	165	65089	15.21	ng/ul	0.02	
29) 4-Chloroaniline-d4	11.20	131	93030	22.13	ng/ul	0.00	
43) Dimethylphthalate-d6	14.26	166	228907	16.28	ng/ul	0.01	
46) Acenaphthylene-d8	14.56	160	263351	17.10	ng/ul	0.00	
51) 4-Nitrophenol-d4	15.10	143	52812m	21.86	ng/ul	0.03	UM12/17/15
57) Fluorene-d10	15.84	176	283398	21.42	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.99	200	61023	22.43	ng/ul	0.02	
70) Anthracene-d10	17.70	188	335060	18.05	ng/ul	0.00	
76) Pyrene-d10	19.97	212	394011	17.01	ng/ul	0.00	
87) Benzo(a)pyrene-d12	25.09	264	413622	17.83	ng/ul	0.01	
Target Compounds						Qvalue	
6) Phenol	7.42	94	28859	5.29	ng/ul#	69	
11) 2-Methylphenol	8.68	108	120353	29.94	ng/ul	87	
14) Acetophenone	9.07	105	22063	3.26	ng/ul#	89	
16) 4-Methylphenol	9.02	108	333123	74.50	ng/ul	95	
24) 2,4-Dimethylphenol	10.23	107	678564m	131.50	ng/ul		um 12/17/15
28) Naphthalene	11.11	128	426069	36.38	ng/ul	98	
34) 2-Methylnaphthalene	12.70	142	476937	51.60	ng/ul	93	
40) 1,1'-Biphenyl	13.69	154	109164	8.81	ng/ul	98	
44) Dimethylphthalate	14.30	163	66844	4.84	ng/ul#	98	
49) Acenaphthene	14.93	153	35601	3.47	ng/ul#	77	
53) Dibenzofuran	15.26	168	119248	7.35	ng/ul	98	
58) Fluorene	15.90	166	175634	13.30	ng/ul#	91	
69) Phenanthrene	17.65	178	186673	8.89	ng/ul#	93	
71) Anthracene	17.74	178	56375	2.61	ng/ul#	79	
72) Carbazole	18.02	167	30455	1.69	ng/ul#	65	
74) Fluoranthene	19.64	202	46363	1.86	ng/ul#	78	
77) Pyrene	20.00	202	75665	2.80	ng/ul#	95	

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