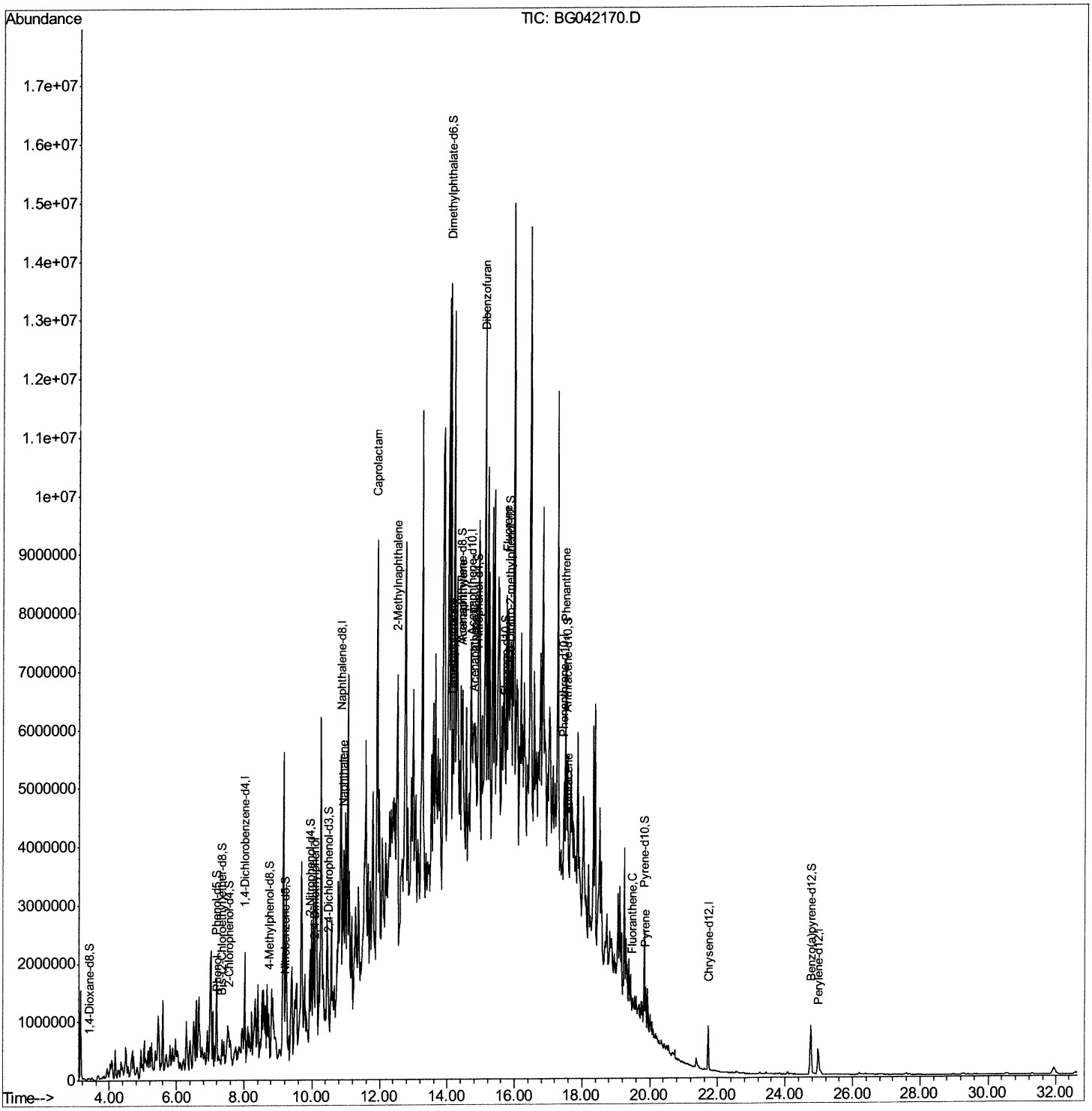
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 13 13:47:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ETOB7

Manual Integrations APPROVED
mohammad
8/14/2019 2:50:46 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 13 13:40:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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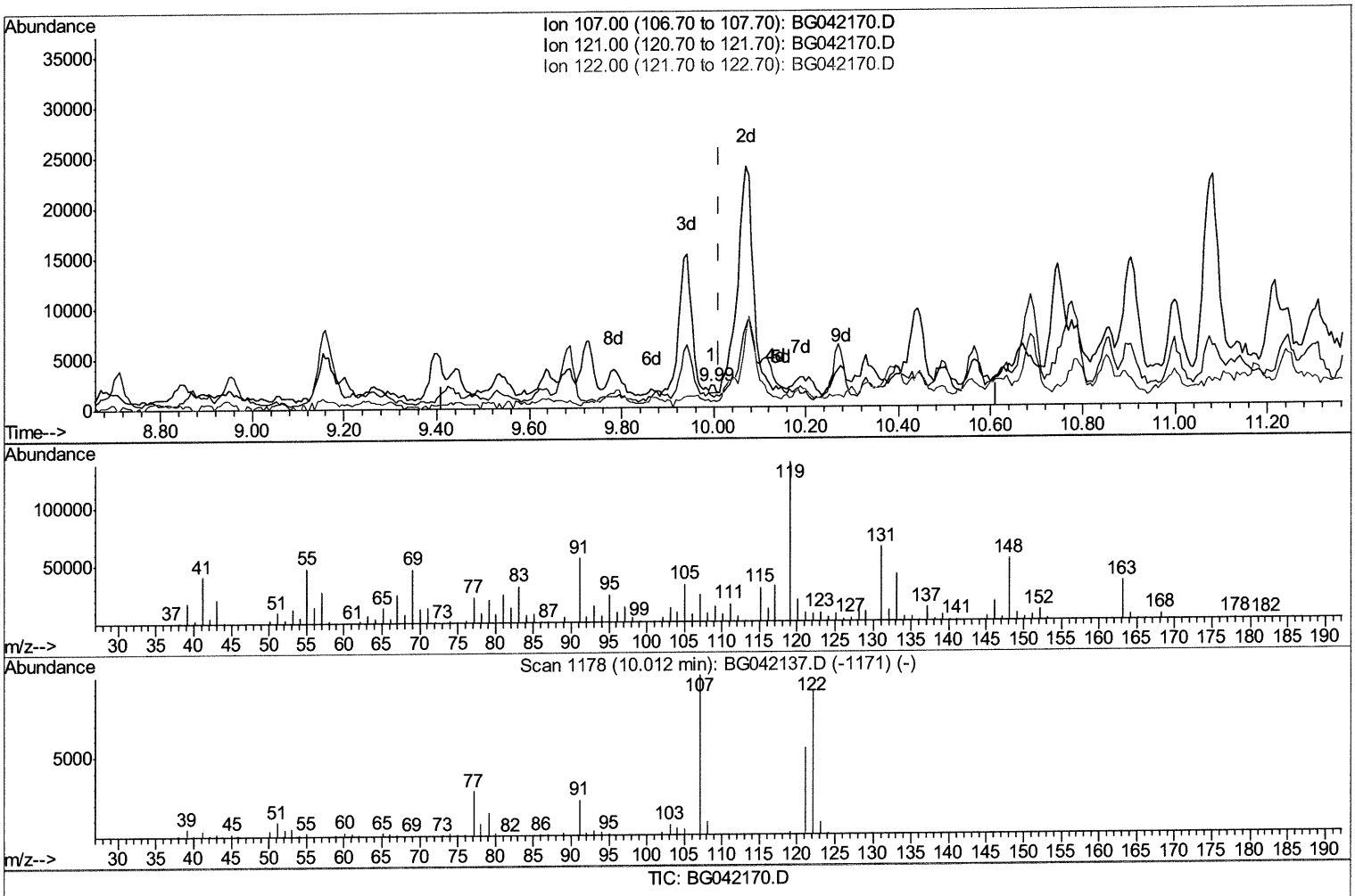
Manual Integrations APPROVED
mohammad
8/14/2019 2:50:46 AM



(24) 2,4-Dimethylphenol

9.994min (-0.018) 0.10ng/ul

response 569

Ion	Exp%	Act%
107.00	100	100
121.00	56.30	54.10
122.00	85.10	26.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
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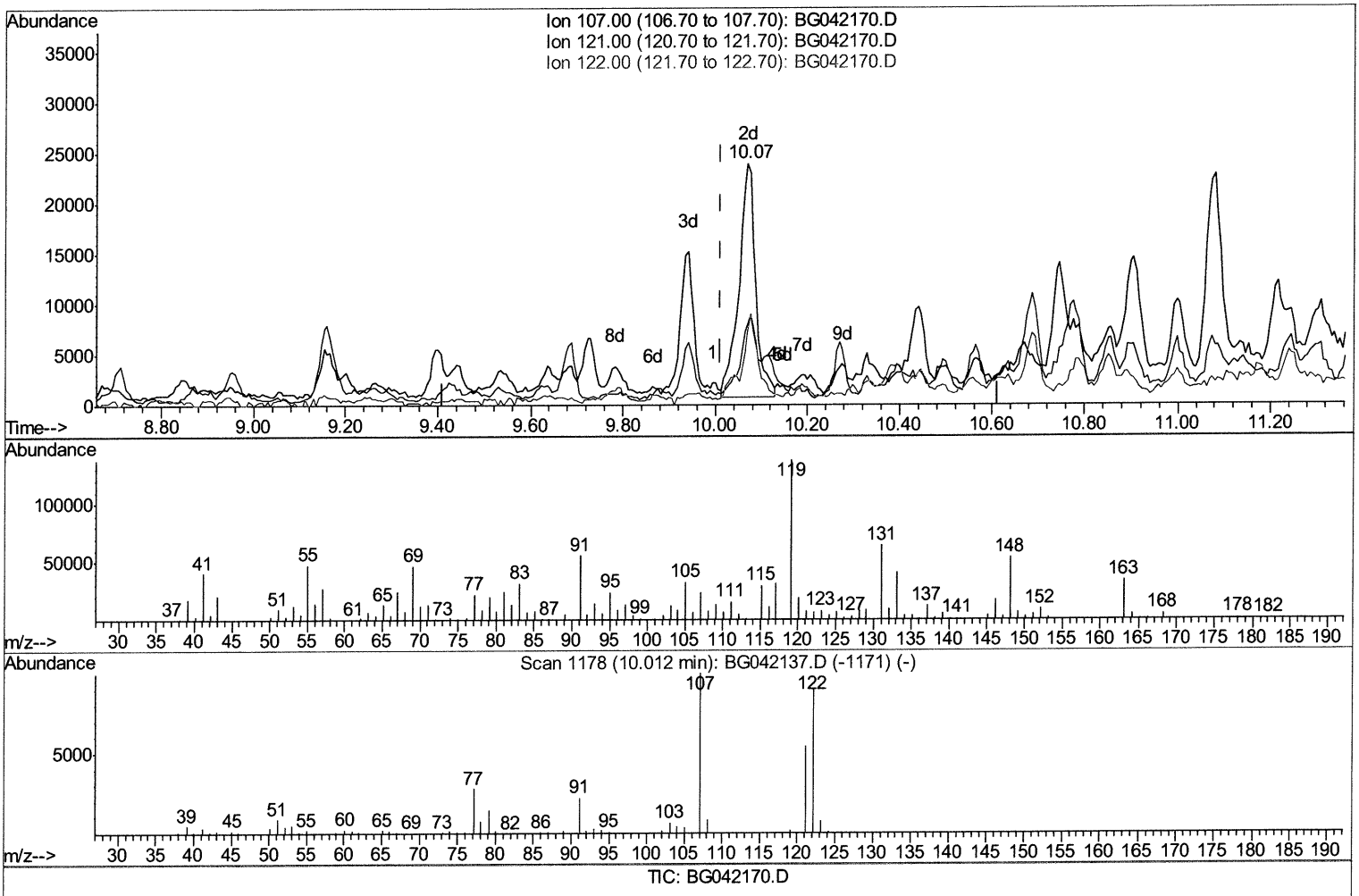
Manual Integrations APPROVED
mohammad
8/14/2019 2:50:46 AM



TIC: BG042170.D

(24) 2,4-Dimethylphenol

10.070min (+0.058) 10.34ng/ul m JU 08/13/19

response 58106

Ion	Exp%	Act%
107.00	100	100
121.00	56.30	33.36#
122.00	85.10	30.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
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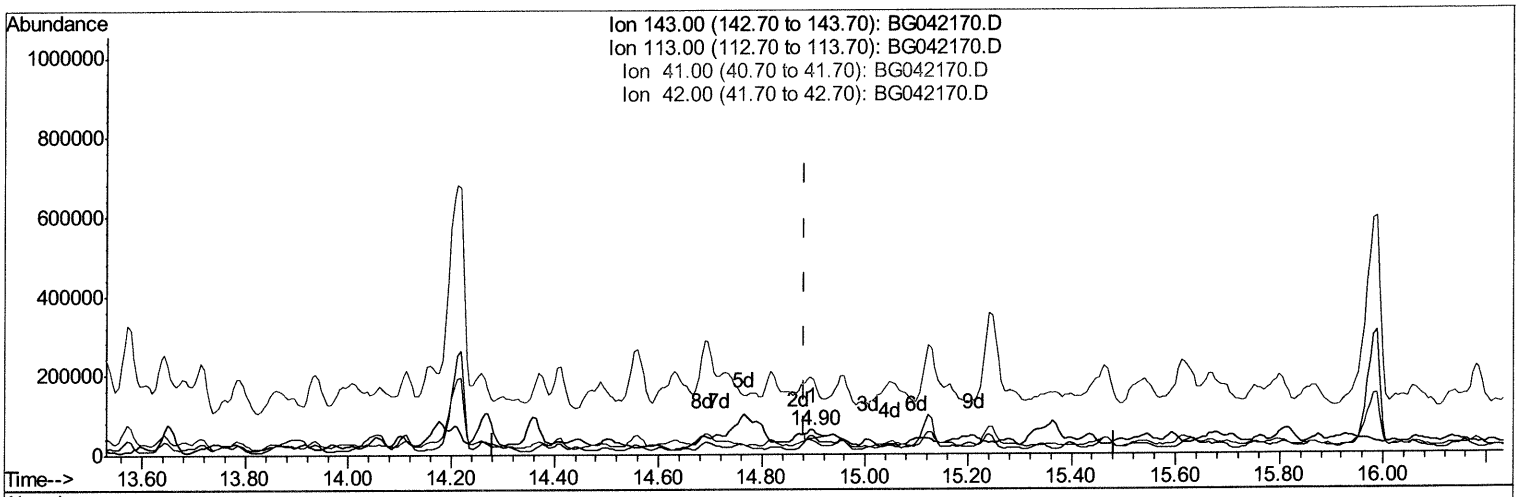
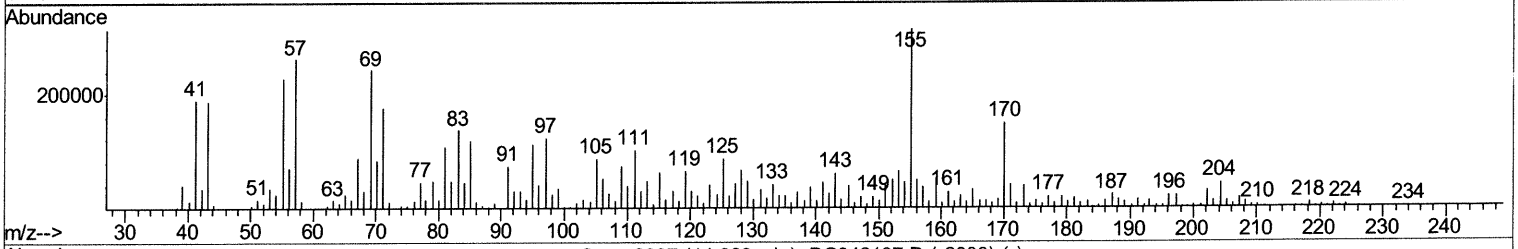
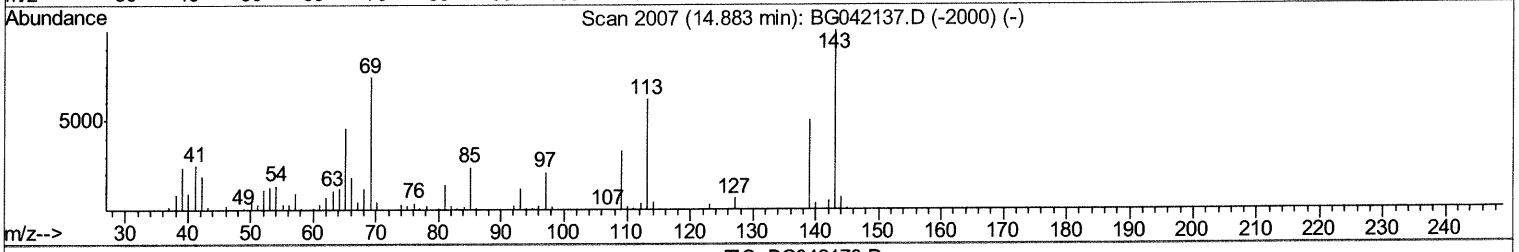
BNA_G
ClientSampleId :
ETOB7

Manual Integrations APPROVED
mohammad
8/14/2019 2:50:46 AM







TIC: BG042170.D

(51) 4-Nitrophenol-d4 (S)

14.900min (+0.017) 10.56ng/ul

response 29730

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	78.62
41.00	31.00	312.43#
42.00	21.10	57.48#

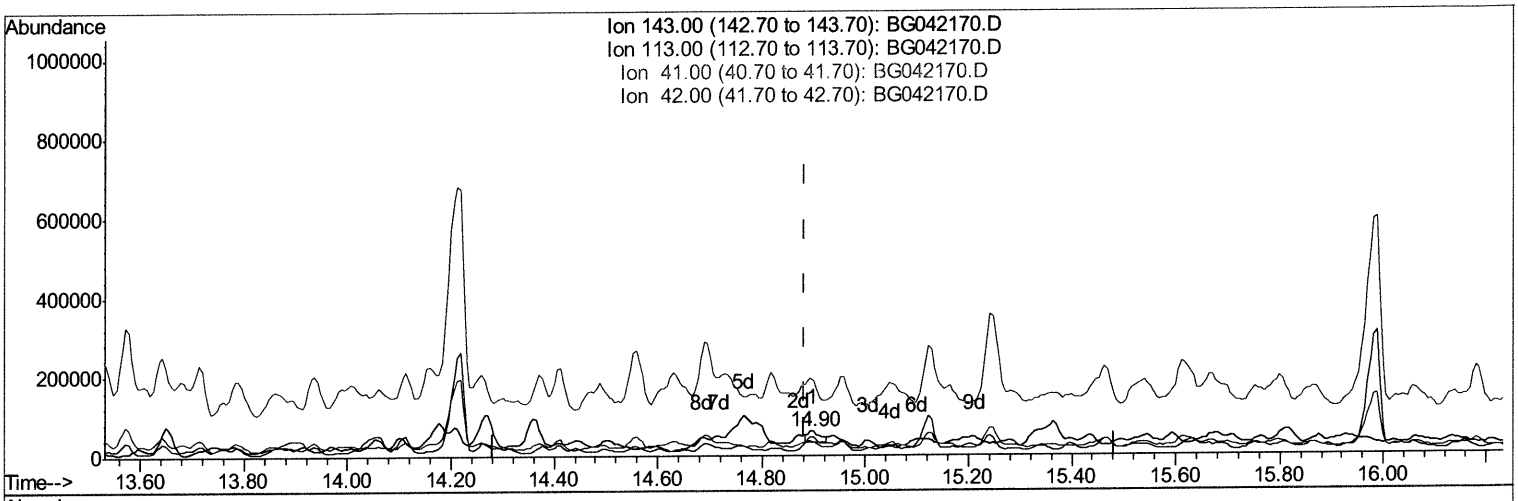
Quantitation Report (Qedit)

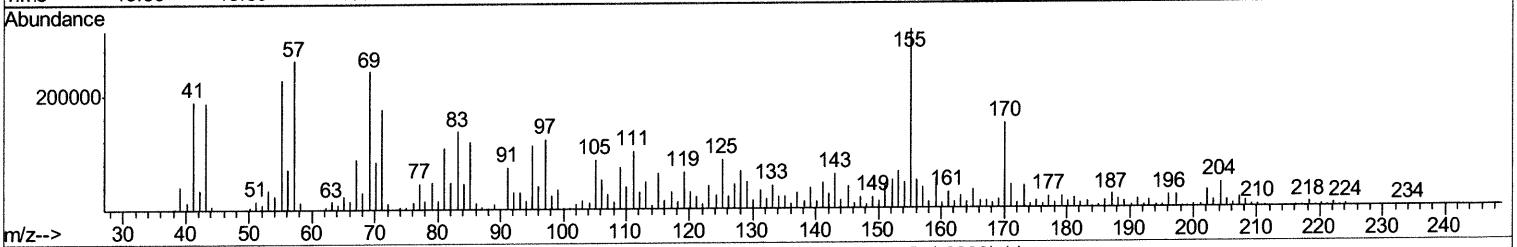
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

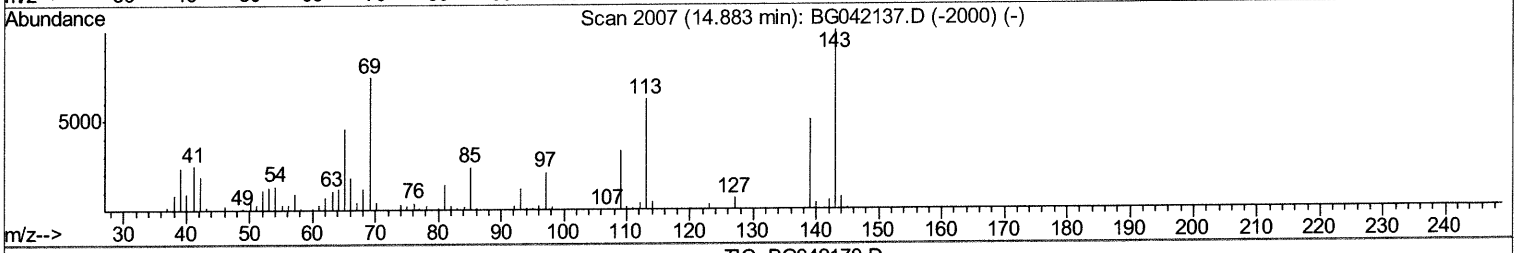
Quant Time: Aug 13 13:40:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ETOB7

Manual Integrations APPROVED
mohammad
8/14/2019 2:50:46 AM







TIC: BG042170.D

(51) 4-Nitrophenol-d4 (S)

14.900min (+0.017) 17.39ng/ul m JU 08/13/19

response 48976

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	78.62
41.00	31.00	312.43#
42.00	21.10	57.48#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 13 13:40:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ETOB7

Manual Integrations APPROVED
mohammad
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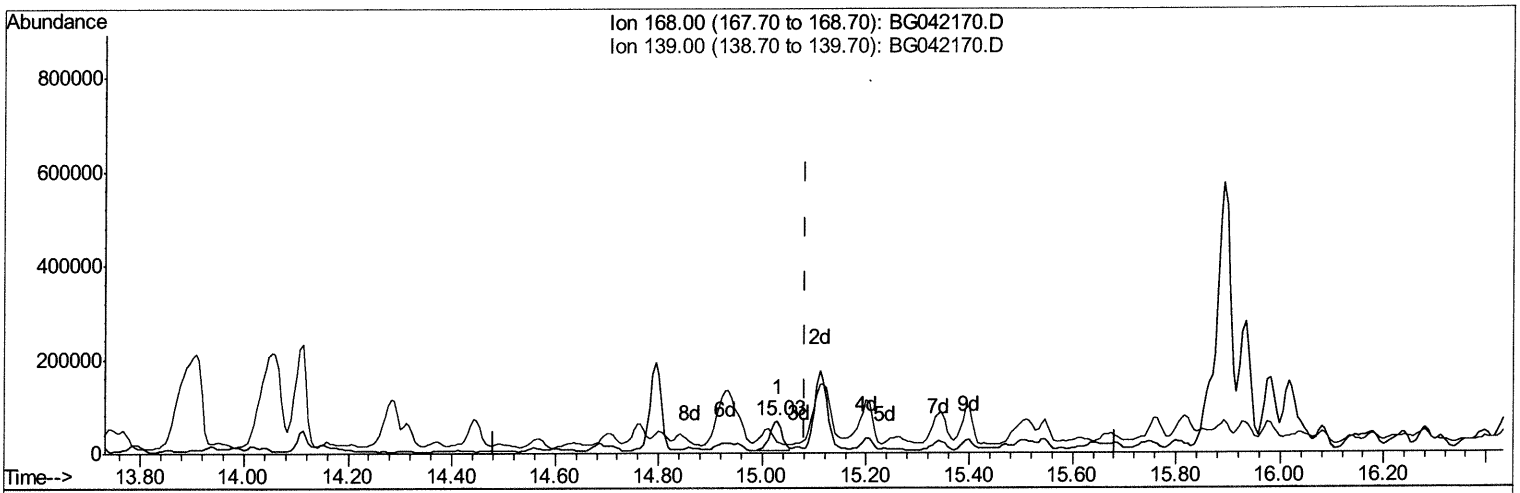

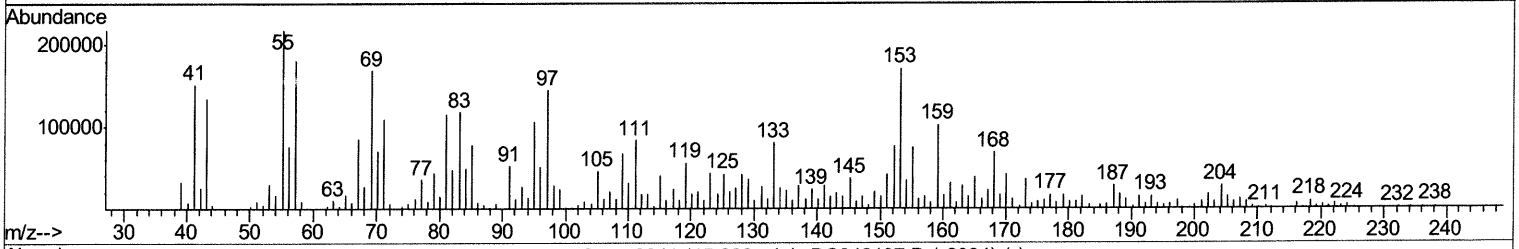

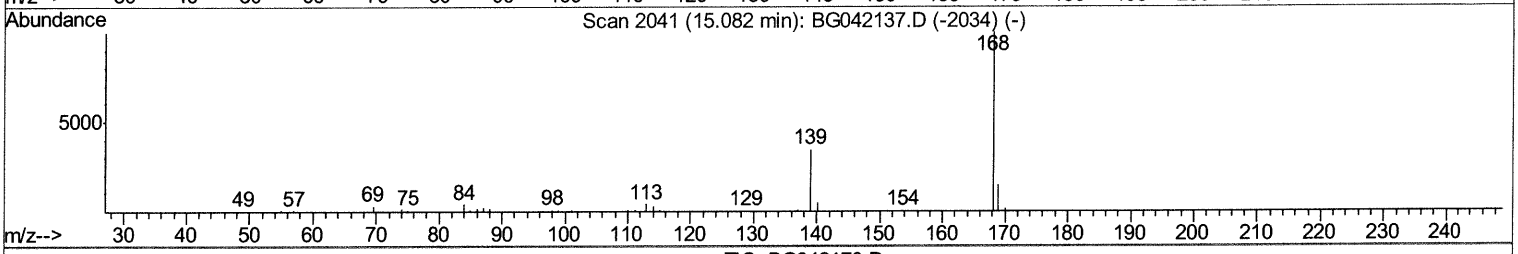

TIC: BG042170.D

(53) Dibenzofuran

15.029min (-0.053) 5.34ng/ul

response 107698

Ion	Exp%	Act%
168.00	100	100
139.00	34.10	34.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
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Instrument :
BNA_G
ClientSampleId :
ETOB7

Manual Integrations APPROVED
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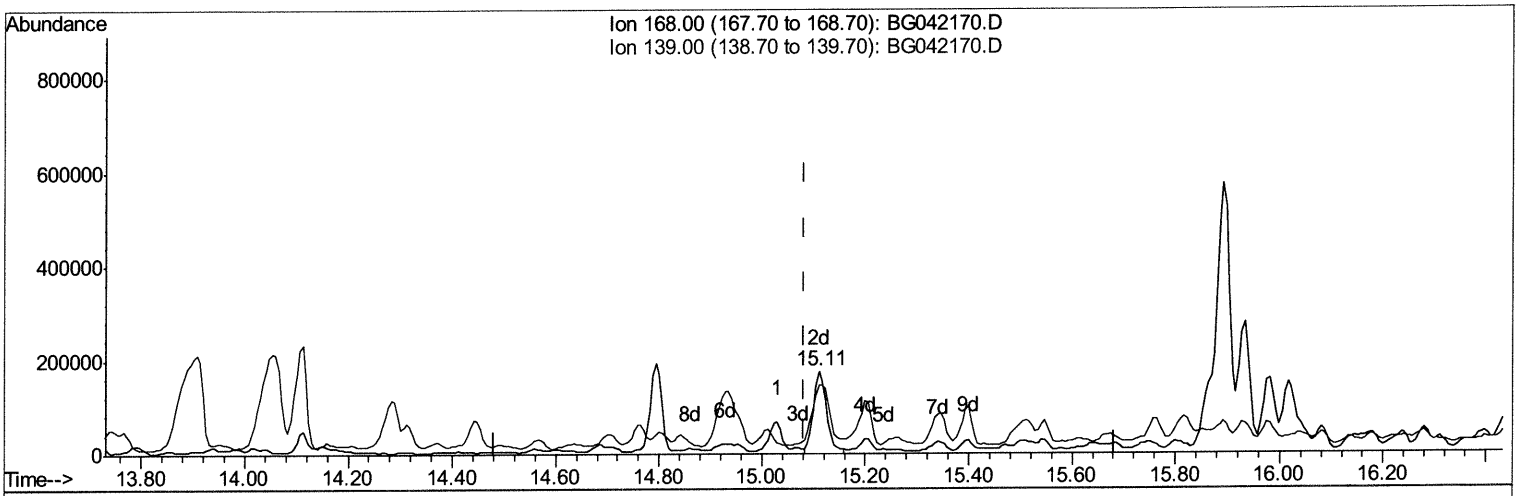

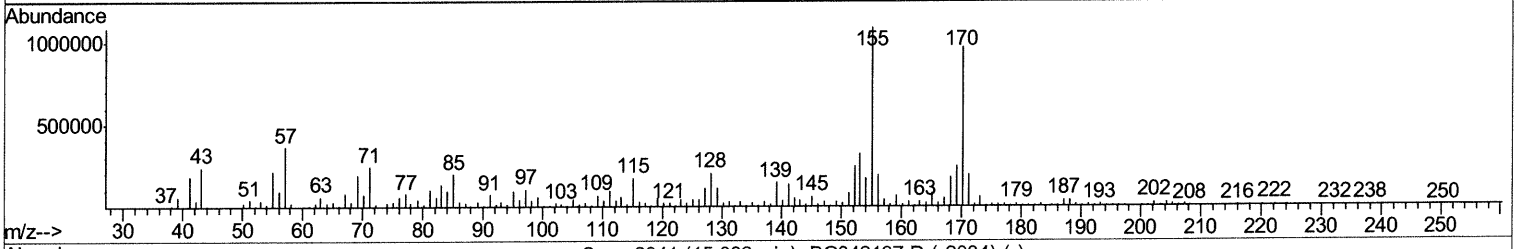

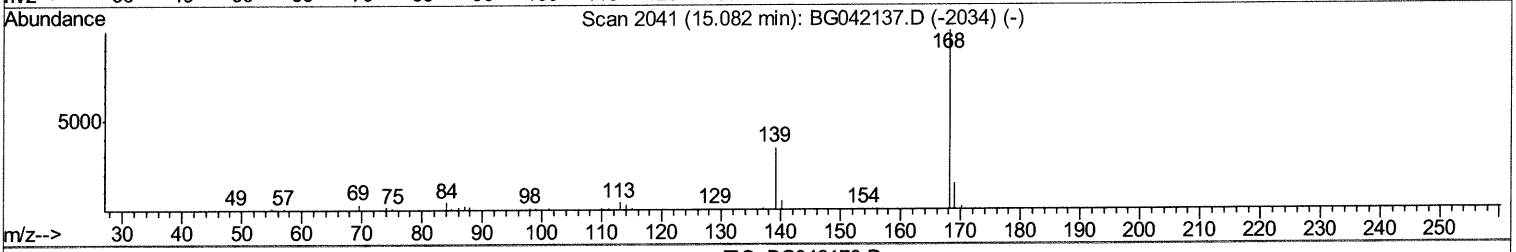

TIC: BG042170.D

(53) Dibenzofuran

15.111min (+0.029) 15.77ng/ul m JU 08/13/19

response 318341

Ion	Exp%	Act%
168.00	100	100
139.00	34.10	83.07#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
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QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : ETOB7

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	77387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	304941	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.71	164	216280	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.46	188	410677	20.00	ng/ul	0.02
77) Chrysene-d12	21.72	240	483732	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	542482	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	11534	6.52	ng/uL	0.00
5) Phenol-d5	7.18	99	163885	26.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	104974	30.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	163344	31.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	142862	28.02	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	85618	37.30	ng/ul	0.01
22) 2-Nitrophenol-d4	9.93	143	104403	39.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	182709	33.96	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.11	166	500742	29.85	ng/ul	0.02
46) Acenaphthylene-d8	14.41	160	633500	33.06	ng/ul	0.03
51) 4-Nitrophenol-d4	14.90	143	48976m →	17.39	ng/ul>	0.02 JU 08/13/19
57) Fluorene-d10	15.71	176	489752	32.82	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.84	200	98016	37.20	ng/ul	0.04
70) Anthracene-d10	17.56	188	743346	37.73	ng/ul	0.02
78) Pyrene-d10	19.84	212	887974	32.90	ng/ul	0.01
89) Benzo(a)pyrene-d12	24.76	264	1087996	38.39	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	17210	2.745	ng/ul#	77
24) 2,4-Dimethylphenol	10.07	107	58106m →	10.343	ng/ul>	JU 08/13/19
28) Naphthalene	10.92	128	106916	6.858	ng/ul#	1
32) Caprolactam	11.93	113	467685	270.929	ng/ul	90
34) 2-Methylnaphthalene	12.53	142	707264	57.079	ng/ul	95
44) Dimethylphthalate	14.15	163	189178	11.359	ng/ul#	41
47) Acenaphthylene	14.44	152	163127	8.435	ng/ul#	1
49) Acenaphthene	14.78	153	397937	29.427	ng/ul#	91
53) Dibenzofuran	15.11	168	318341m →	15.774	ng/ul>	JU 08/13/19
58) Fluorene	15.76	166	677020	41.648	ng/ul#	91
69) Phenanthrene	17.51	178	2078083	92.431	ng/ul#	82
71) Anthracene	17.59	178	125270	5.494	ng/ul#	64
76) Fluoranthene	19.50	202	48012	1.848	ng/ul#	88
79) Pyrene	19.86	202	146944	4.516	ng/ul#	90

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