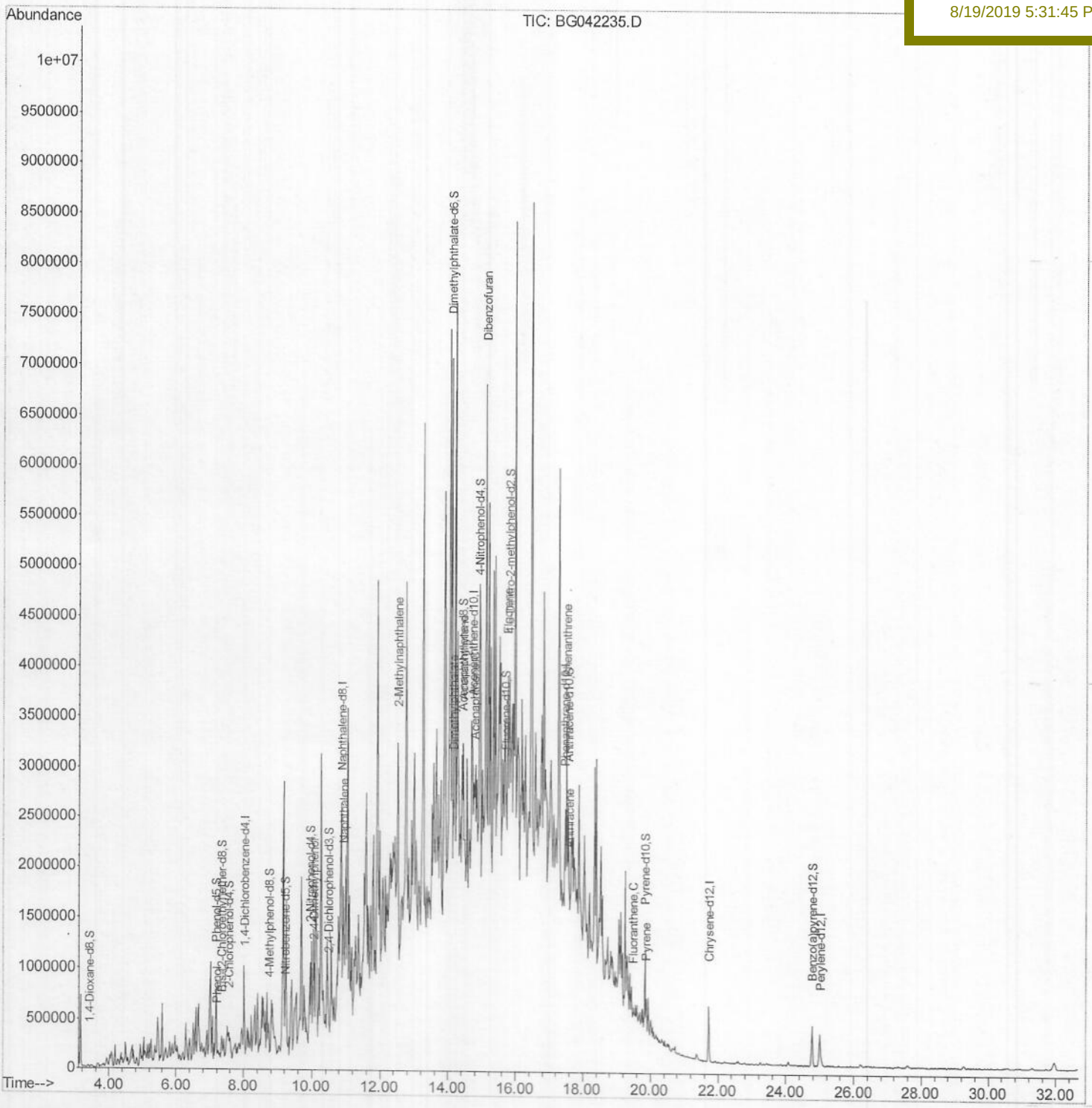
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 19 12:36:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ETOB7DL

Manual Integrations APPROVED
mohammad
8/19/2019 5:31:45 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081519\
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ClientSampleId :
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Manual Integrations APPROVED
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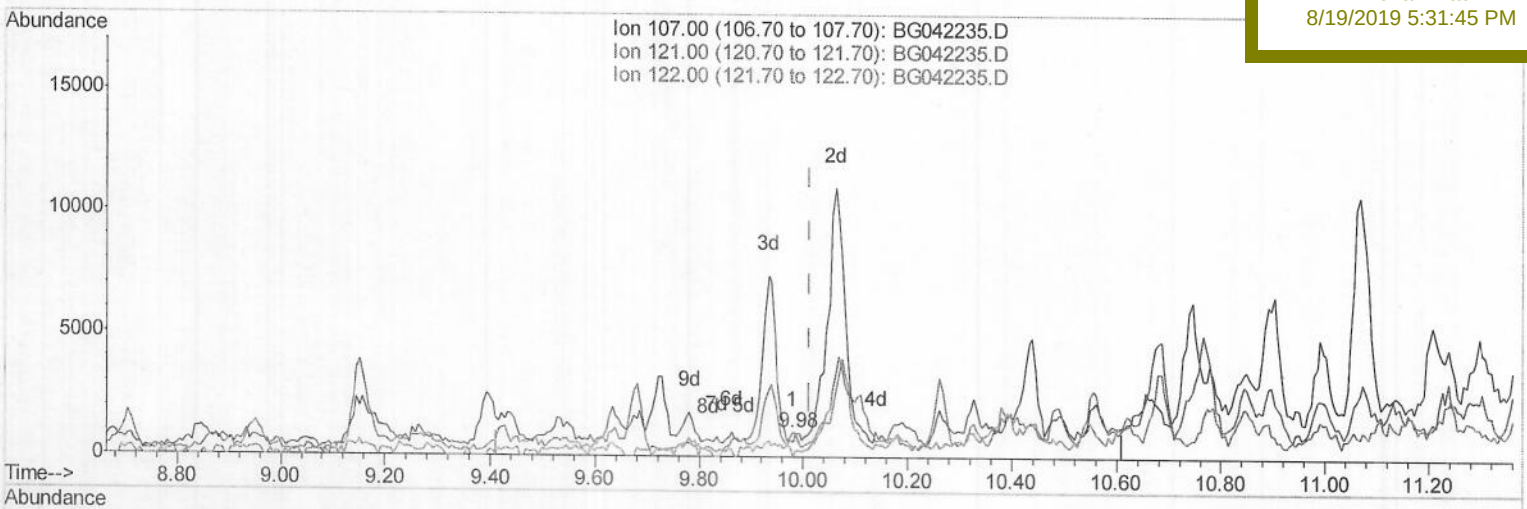

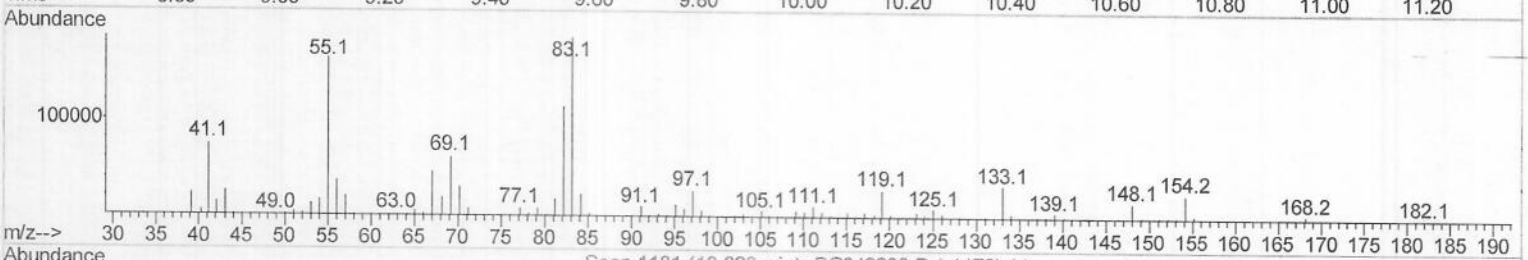

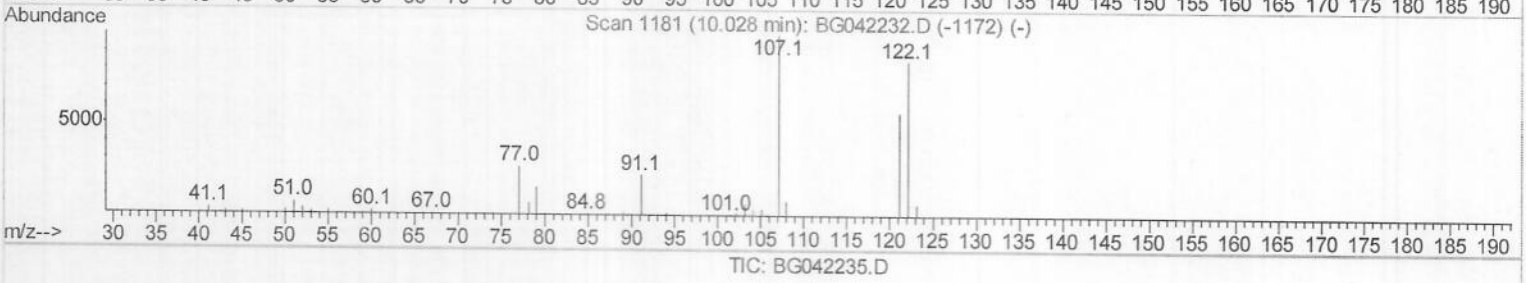

(24) 2,4-Dimethylphenol

9.980min (-0.032) 0.09ng/ul

response 368

Ion	Exp%	Act%
107.00	100	100
121.00	56.30	60.24
122.00	85.10	0.00#
0.00	0.00	0.00

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mohammad
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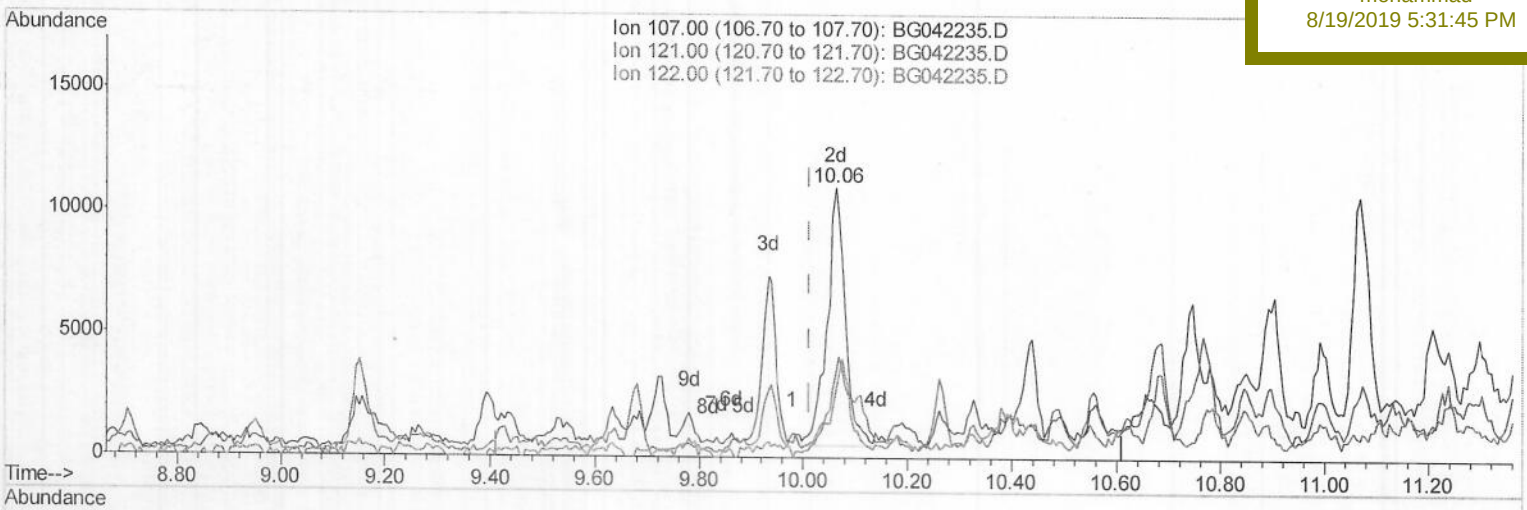

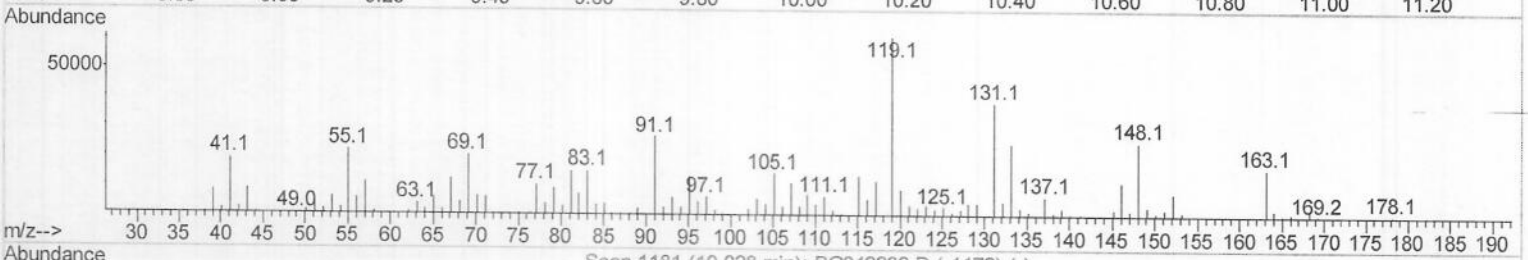

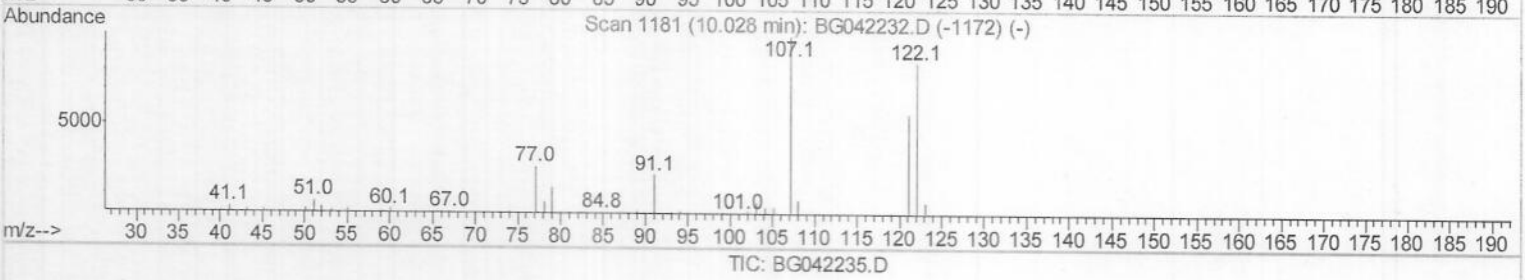

TIC: BG042235.D

(24) 2,4-Dimethylphenol

10.062min (+0.050) 6.26ng/ul m) JV 08/23/19

response 25273

Ion	Exp%	Act%
107.00	100	100
121.00	56.30	31.88#
122.00	85.10	25.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

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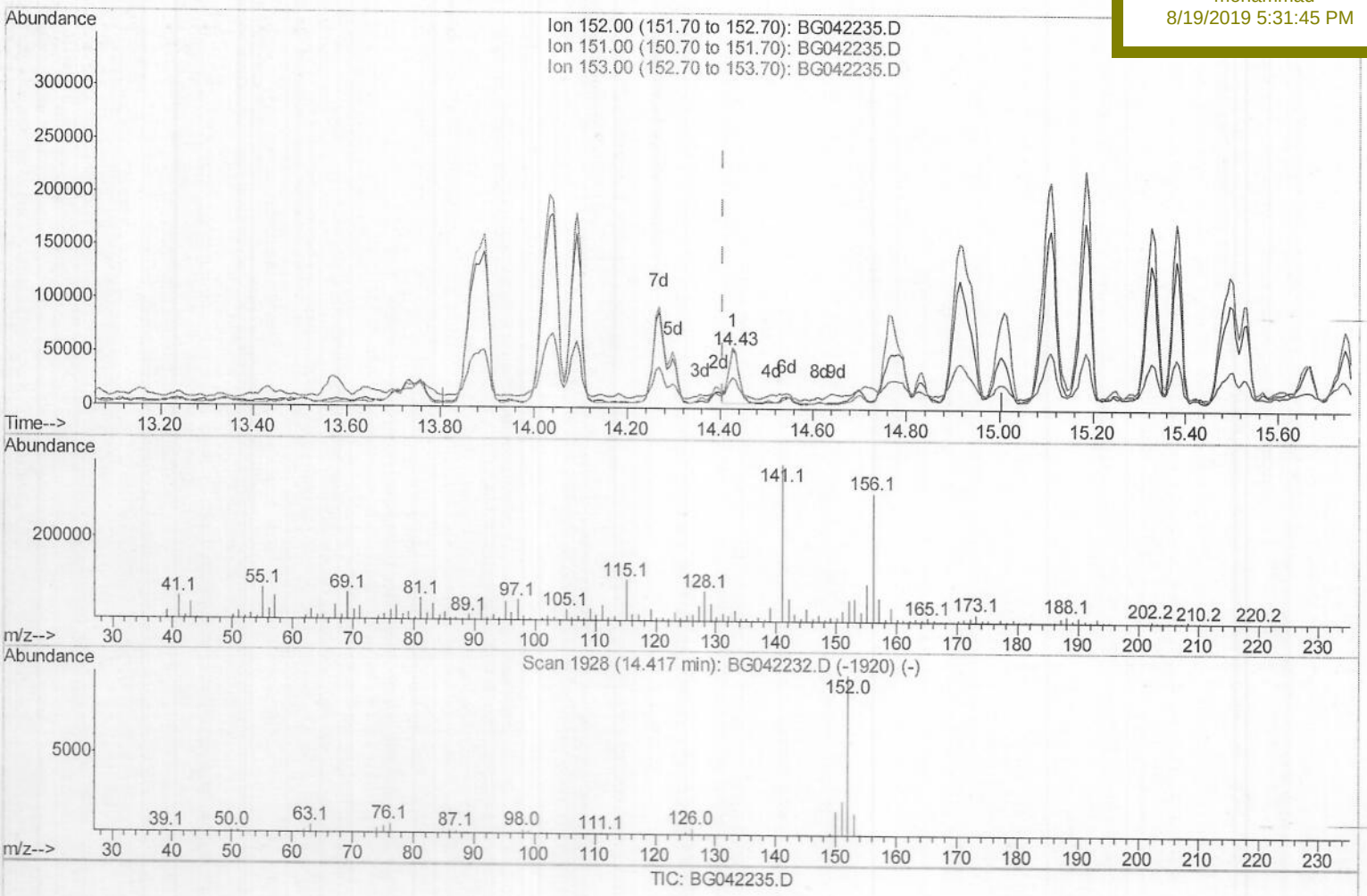
Instrument :
BNA_G
ClientSampleId :
ETOB7DL

Manual Integrations APPROVED
mohammad
8/19/2019 5:31:45 PM



TIC: BG042235.D

(47) Acenaphthylene

14.428min (+0.021) 5.59ng/ul

response 78103

Ion	Exp%	Act%
152.00	100	100
151.00	21.00	52.15#
153.00	12.90	103.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

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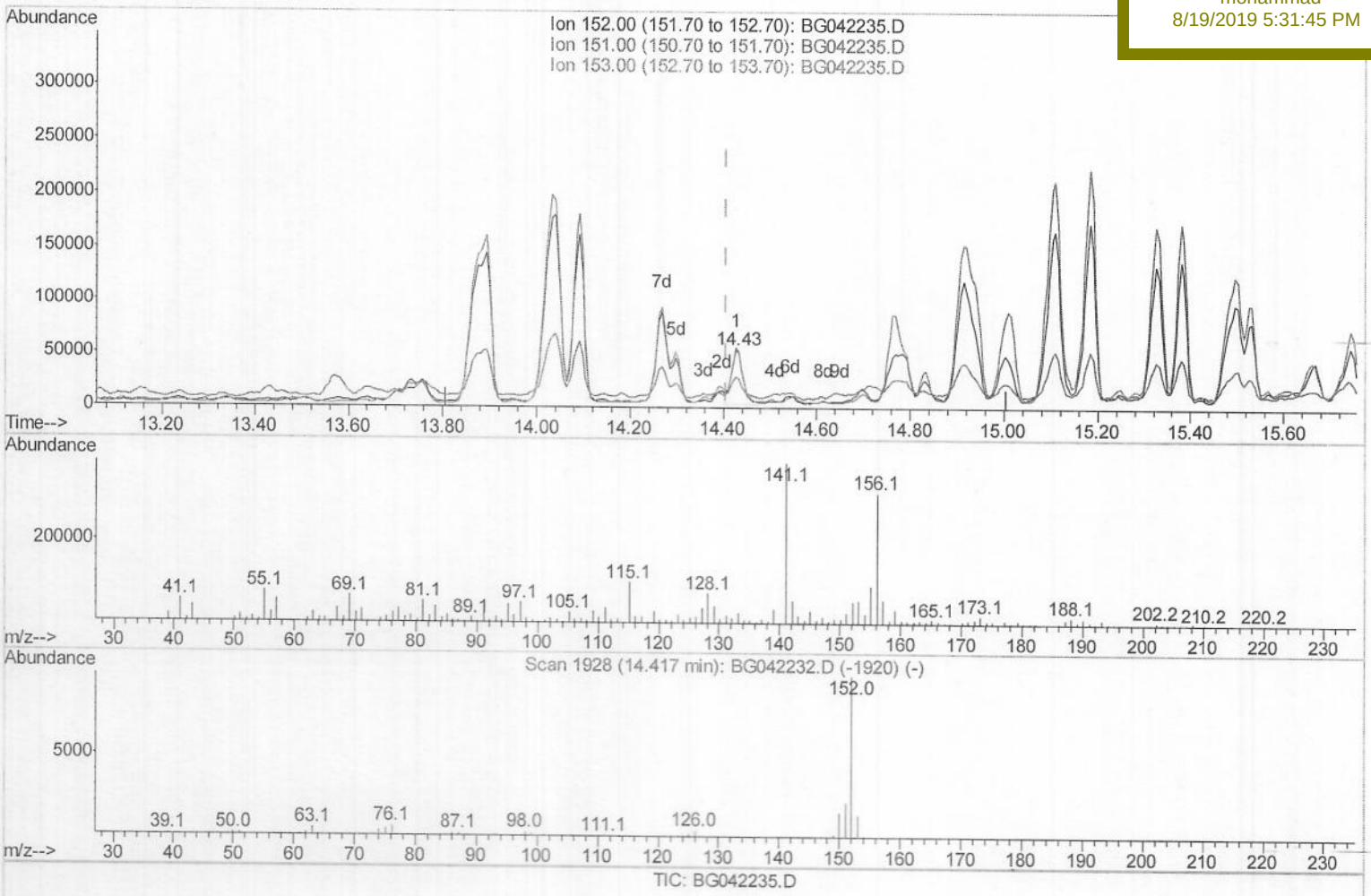
Instrument :
BNA_G
ClientSampleId :
ETOB7DL

Manual Integrations APPROVED
mohammad
8/19/2019 5:31:45 PM



TIC: BG042235.D

(47) Acenaphthylene

14.428min (+0.021) 6.31ng/ul m) JU 08/23/19

response 88175

Ion	Exp%	Act%
152.00	100	100
151.00	21.00	52.15#
153.00	12.90	103.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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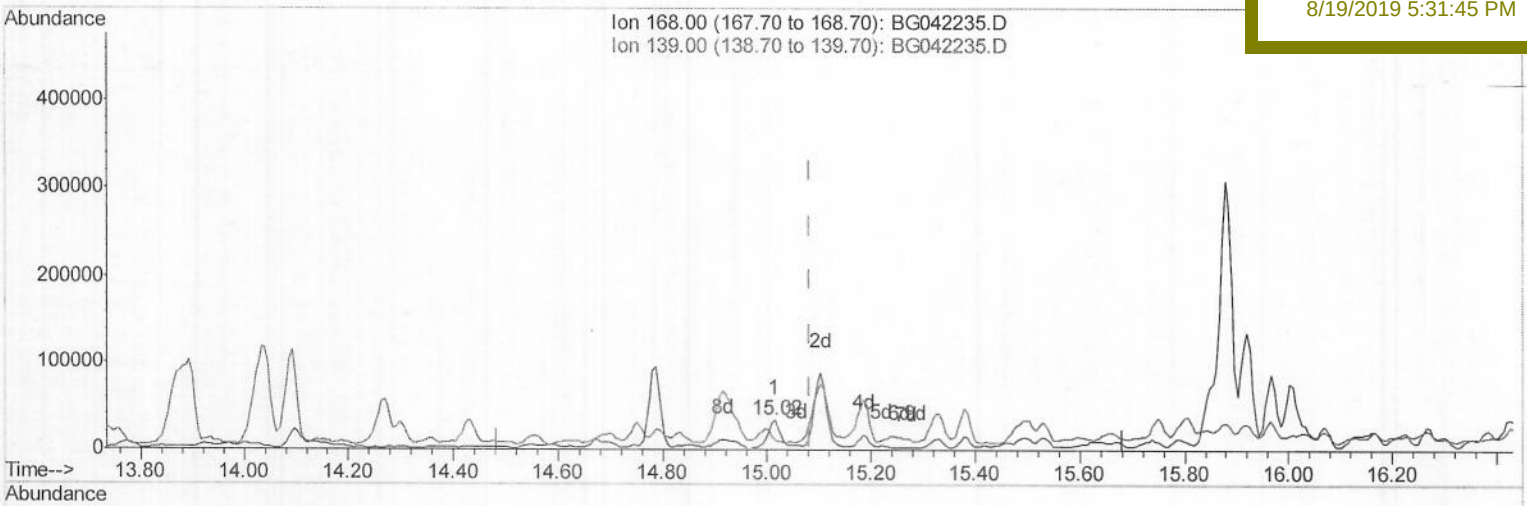
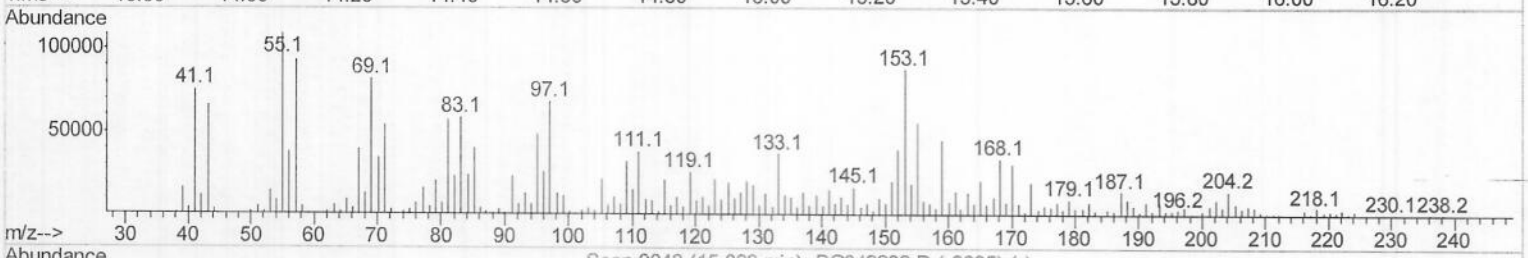
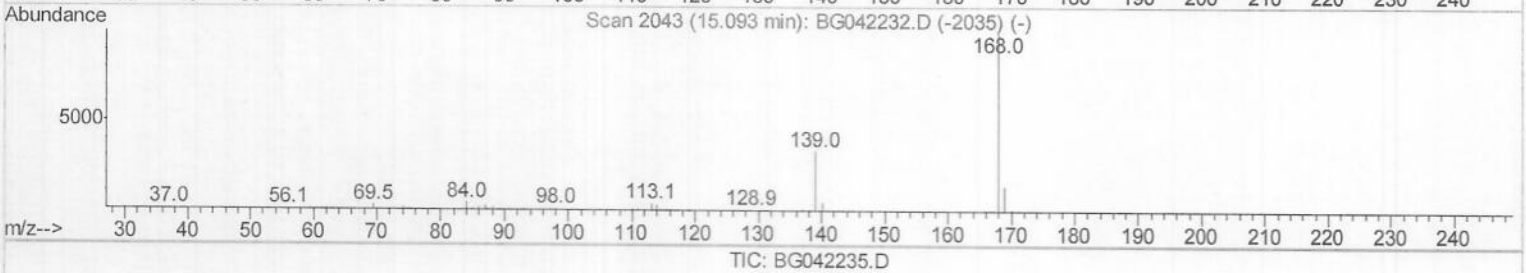
Instrument :
BNA_G
ClientSampleId :
ETOB7DL

Manual Integrations APPROVED
mohammad
8/19/2019 5:31:45 PM







TIC: BG042235.D

(53) Dibenzofuran

15.015min (-0.067) 3.63ng/ul

response 52904

Ion	Exp%	Act%
168.00	100	100
139.00	34.10	35.38
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081519\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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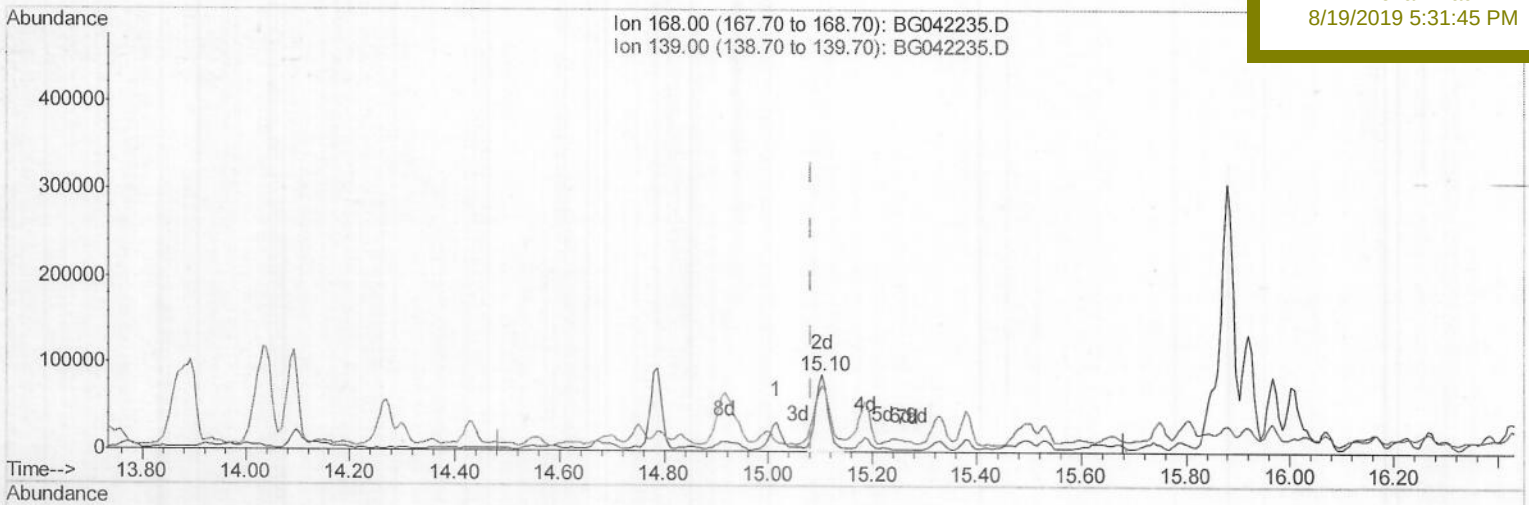
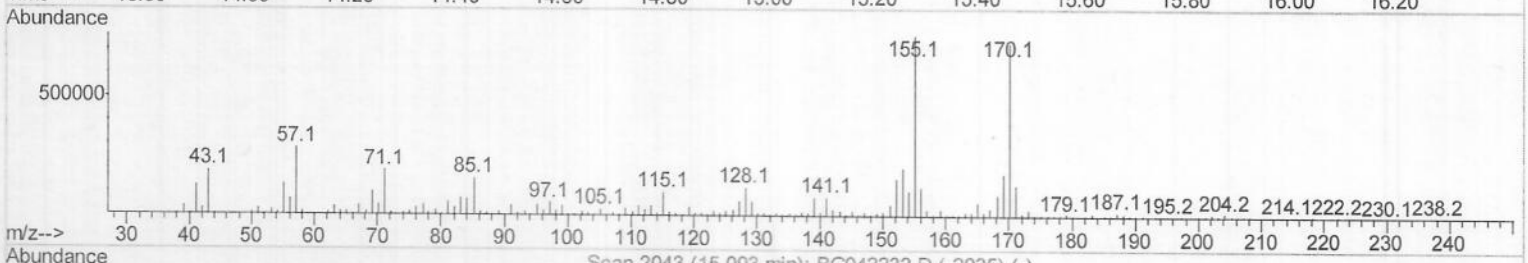
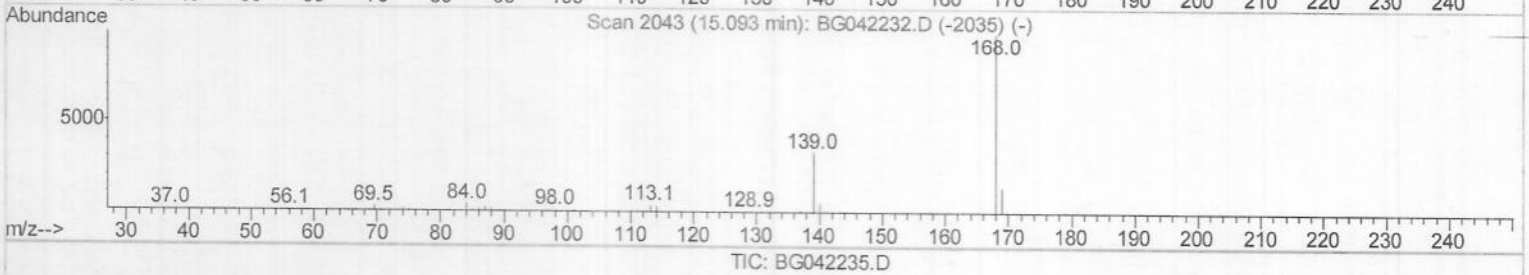
Manual Integrations APPROVED
mohammad
8/19/2019 5:31:45 PM







TIC: BG042235.D

(53) Dibenzofuran

15.103min (+0.021) 10.33ng/ul m JU 08/23/19

response 150560

Ion	Exp%	Act%
168.00	100	100
139.00	34.10	86.83#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081519\
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Operator : HP/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : ETOB7DL

Manual Integrations APPROVED
mohammad
8/19/2019 5:31:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	54903	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	219084	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	156221	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.45	188	307496	20.00	ng/ul	0.01
77) Chrysene-d12	21.72	240	335877	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	400240	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	4405	3.51	ng/uL	0.00
5) Phenol-d5	7.18	99	76221	17.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	51484	21.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	76682	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	67438	18.64	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	38672	23.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	47082	24.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	87468	22.63	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.10	166	255659	21.10	ng/ul	0.01
46) Acenaphthylene-d8	14.40	160	313866	22.68	ng/ul	0.02
51) 4-Nitrophenol-d4	14.90	143	56106	27.58	ng/ul	0.02
57) Fluorene-d10	15.70	176	239130	22.18	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.80	200	10656	5.40	ng/ul	0.00
70) Anthracene-d10	17.55	188	374476	25.38	ng/ul	0.01
78) Pyrene-d10	19.83	212	436265	23.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	508429	24.32	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	8301	1.866	ng/ul#	74
24) 2,4-Dimethylphenol	10.06	107	25273m)	6.261	ng/ul	
28) Naphthalene	10.91	128	46542	4.155	ng/ul#	1
34) 2-Methylnaphthalene	12.52	142	341463	38.357	ng/ul	98
44) Dimethylphthalate	14.14	163	74686	6.208	ng/ul#	20
47) Acenaphthylene	14.43	152	88175m)	6.312	ng/ul	
49) Acenaphthene	14.76	153	192741	19.733	ng/ul	92
53) Dibenzofuran	15.10	168	150560m)	10.328	ng/ul	
58) Fluorene	15.76	166	333064	28.366	ng/ul#	91
69) Phenanthrene	17.50	178	1117427	66.379	ng/ul#	93
71) Anthracene	17.59	178	45880	2.687	ng/ul#	70
76) Fluoranthene	19.50	202	21481	1.104	ng/ul#	81
79) Pyrene	19.86	202	67915	3.006	ng/ul#	93

JU 08/23/19

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