

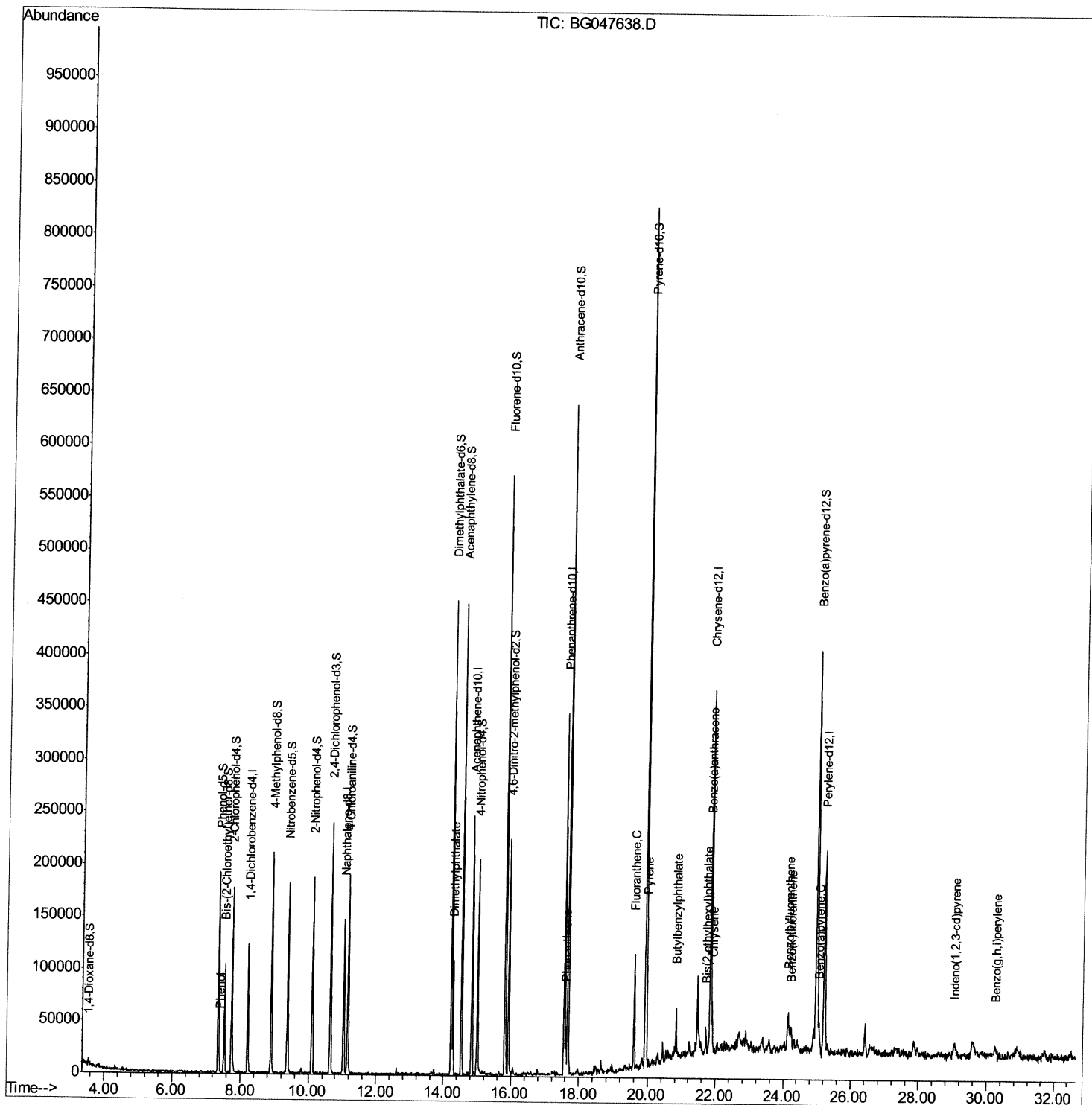
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047638.D
Acq On : 8 Dec 2020 5:33
Operator : CG/JU
Sample : L4862-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ3

Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:18 PM

Quant Time: Dec 08 07:39:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 04:12:44 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

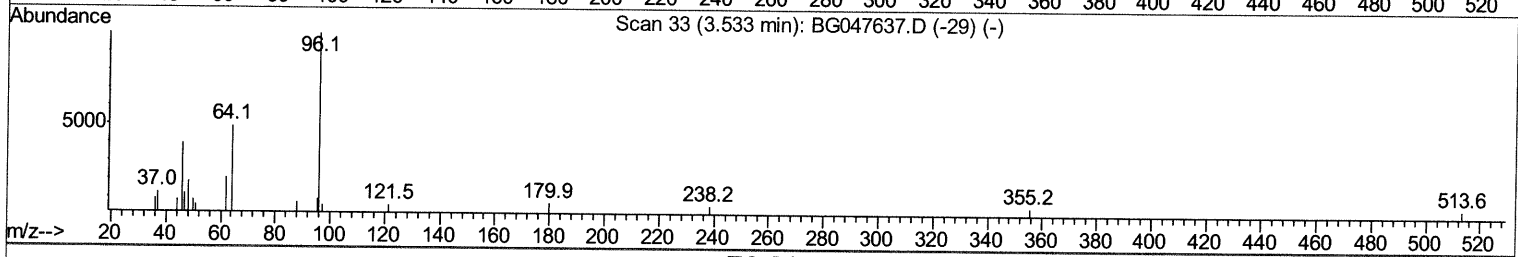
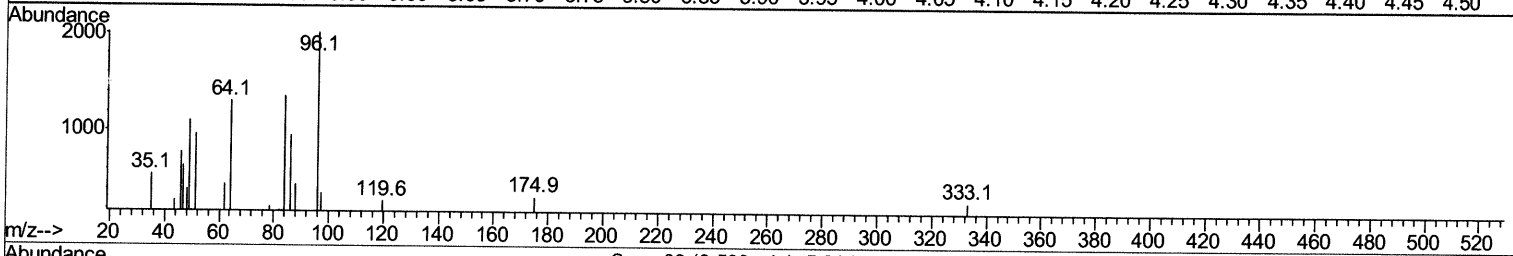
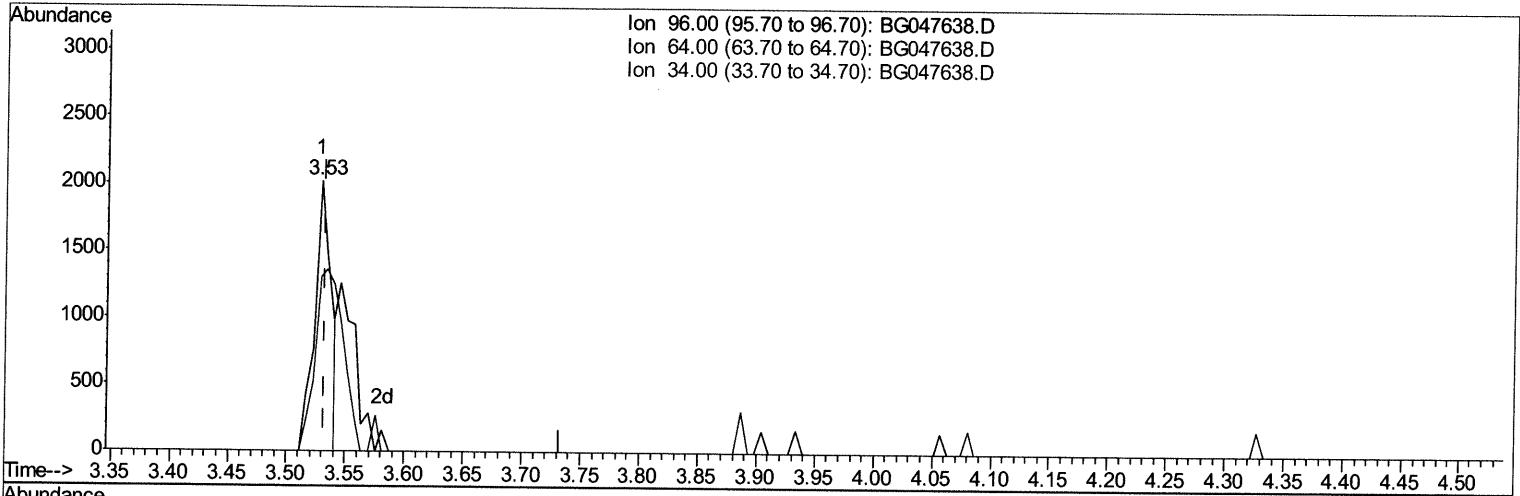
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
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Manual Integrations
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mohammad
 12/9/2020 12:19:18 PM

Quant Time: Dec 08 07:34:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
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TIC: BG047638.D

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

3.528min (-0.004) 3.50ng/uL

response 1992

Ion	Exp%	Act%
96.00	100	100
64.00	84.30	64.55#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

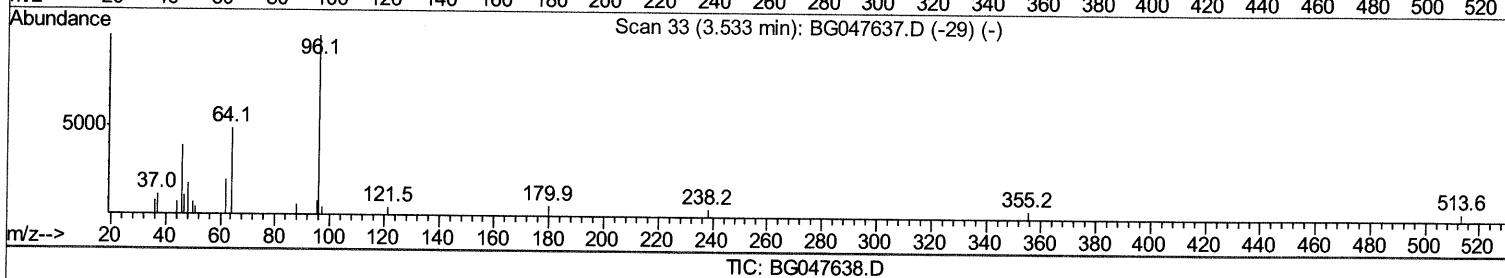
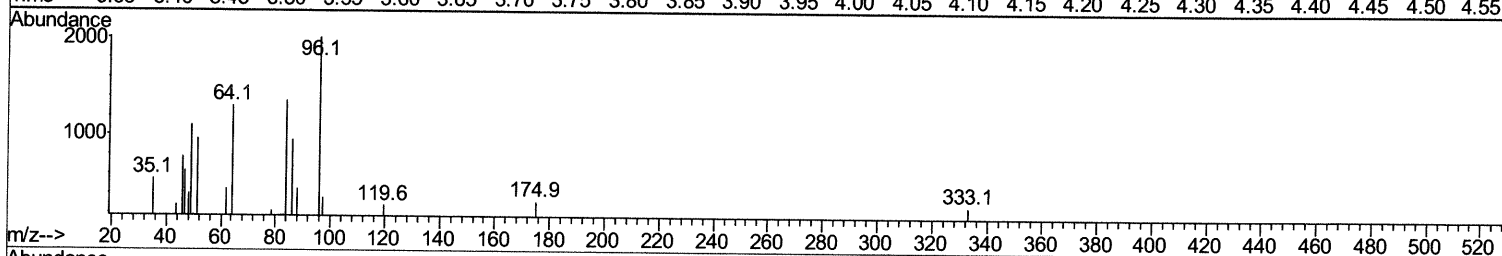
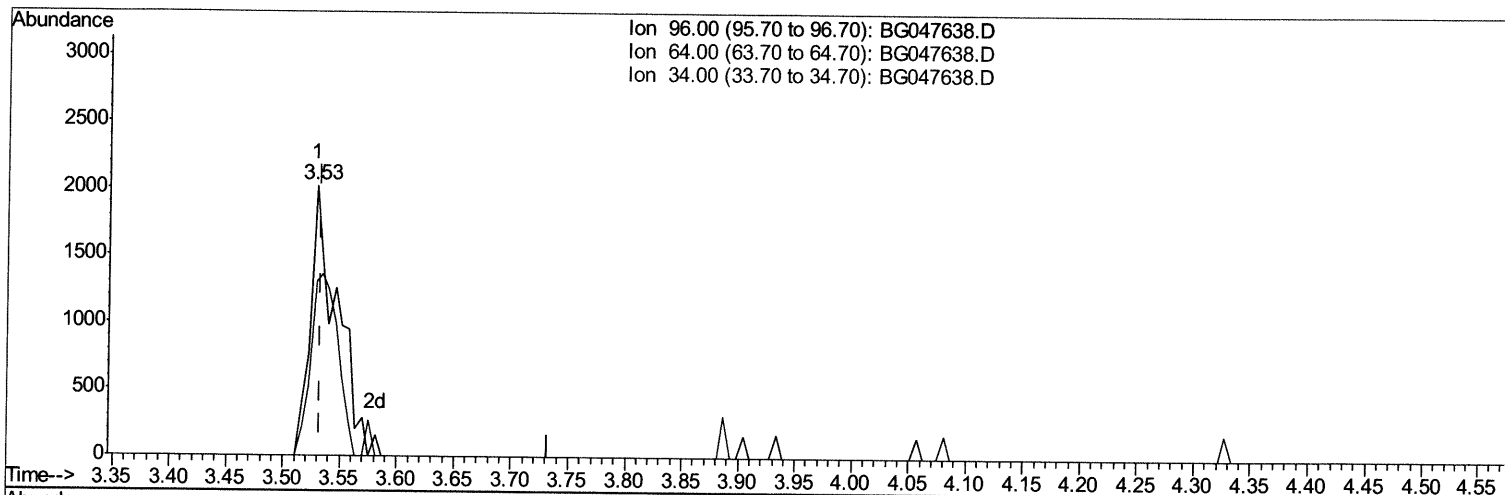
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 Data File : BG047638.D
 Acq On : 8 Dec 2020 5:33
 Operator : CG/JU
 Sample : L4862-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:18 PM

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BG047638.D

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

3.528min (-0.004) 5.76ng/uL m 12/6-9/2020

response 3281

Ion	Exp%	Act%
96.00	100	100
64.00	84.30	64.55#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

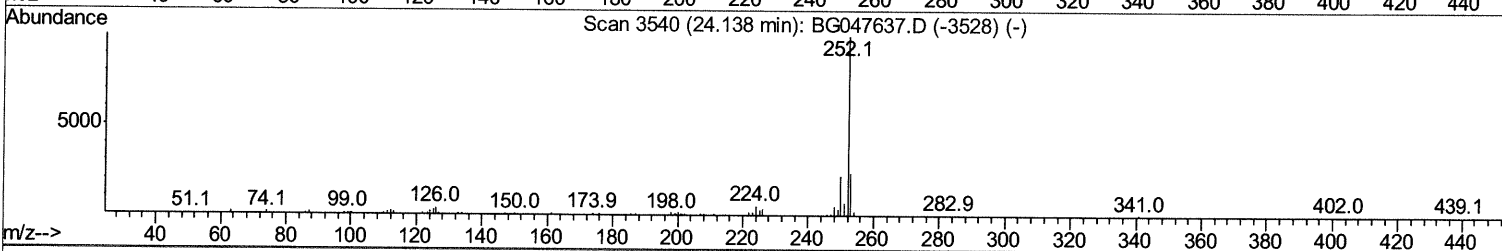
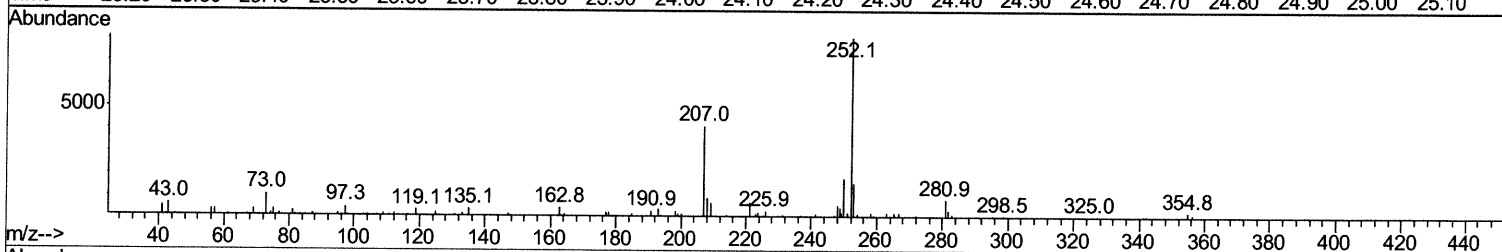
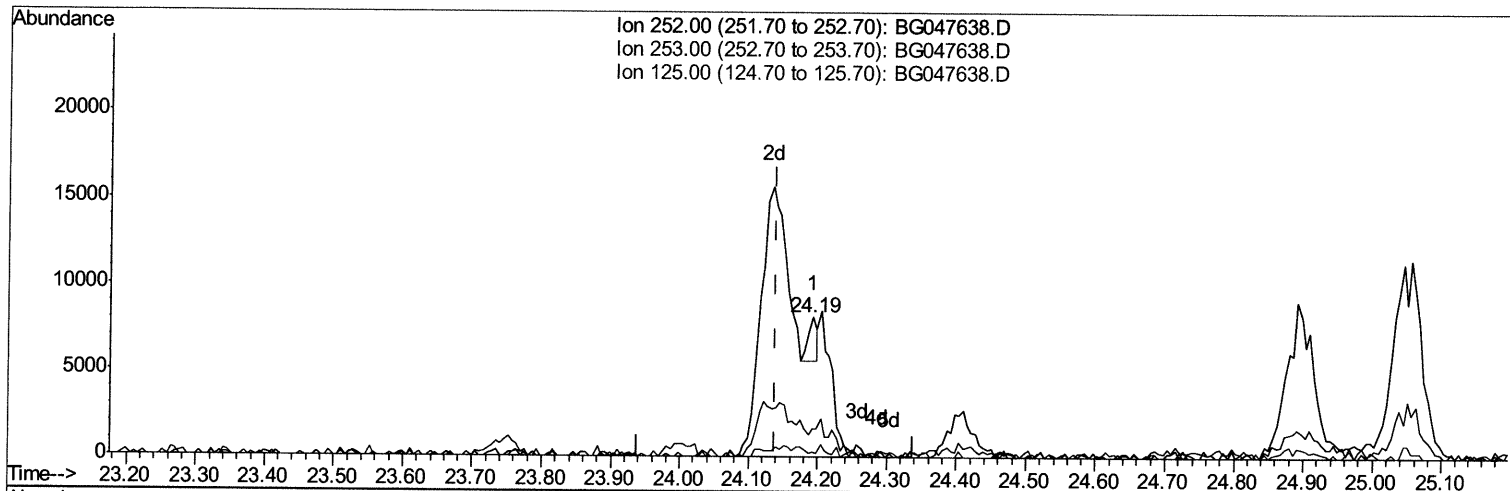
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047638.D
 Acq On : 8 Dec 2020 5:33
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Manual Integrations
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TIC: BG047638.D

(88) Benzo(b)fluoranthene

24.192min (+0.054) 0.15ng/ul

response 2423

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	20.22
125.00	3.20	3.74
0.00	0.00	0.00

Quantitation Report (Qedit)

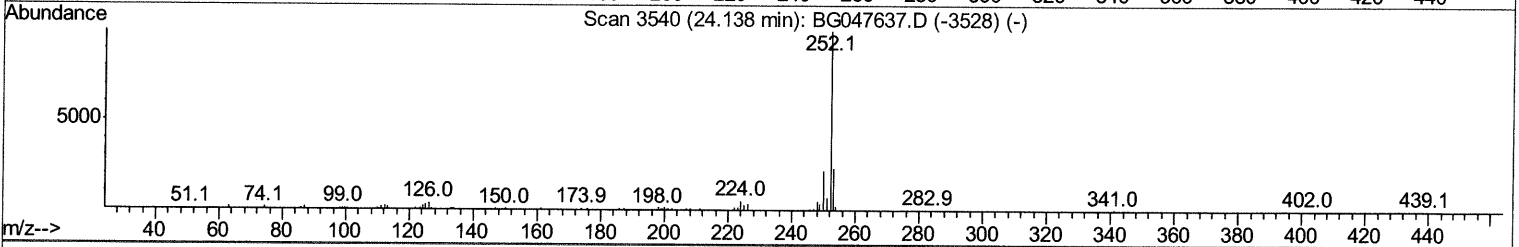
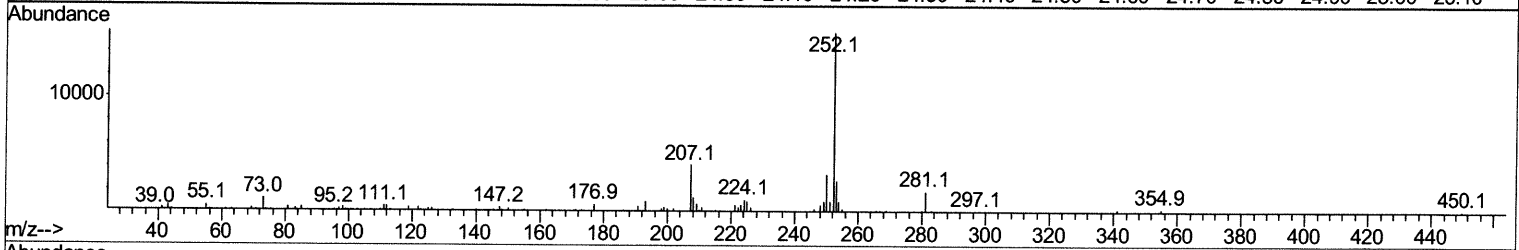
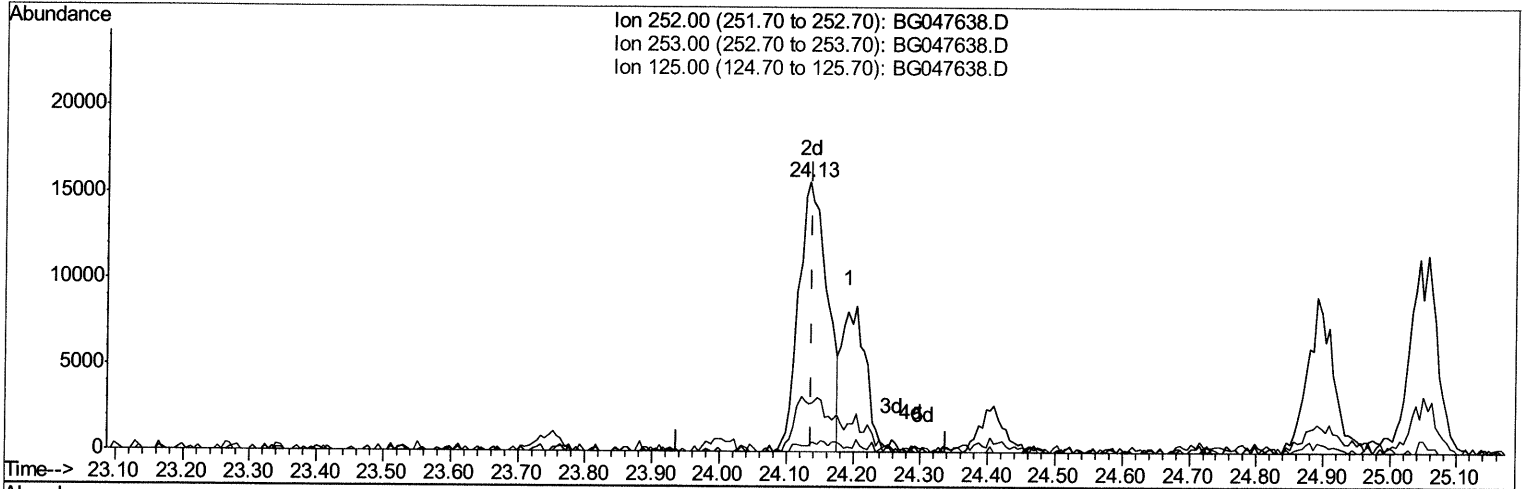
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047638.D
 Acq On : 8 Dec 2020 5:33
 Operator : CG/JU
 Sample : L4862-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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 Quant Title : SVOA CALIBRATION
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TIC: BG047638.D

(88) Benzo(b)fluoranthene

24.133min (-0.004) 2.91ng/ul m 12/09/20 JU

response 46443

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	17.91#
125.00	3.20	2.39#
0.00	0.00	0.00

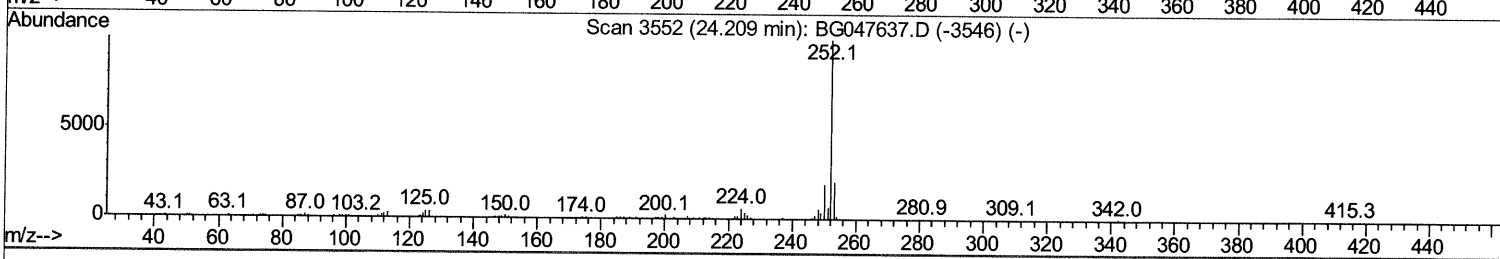
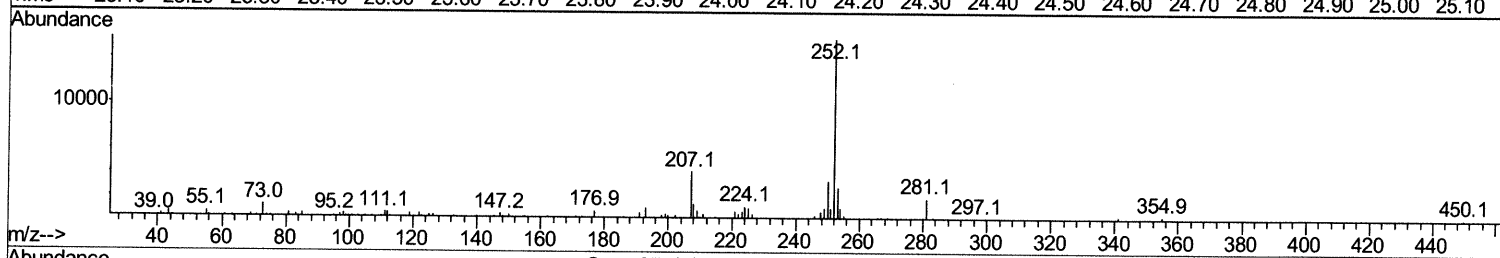
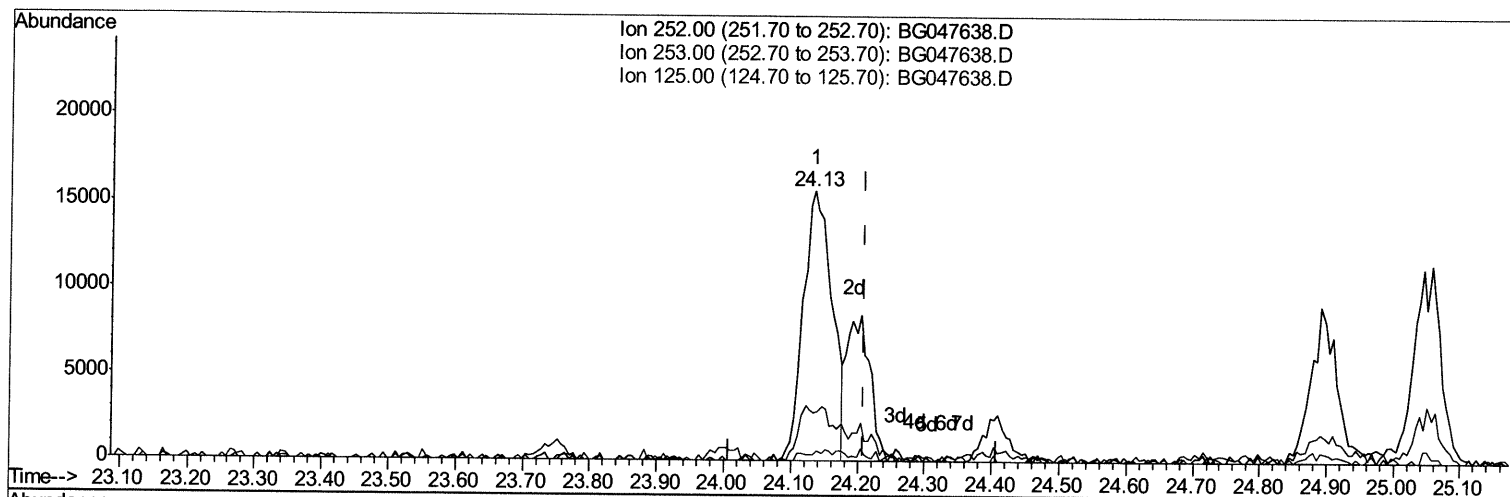
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047638.D
Acq On : 8 Dec 2020 5:33
Operator : CG/JU
Sample : L4862-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ3

Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:18 PM

Quant Time: Dec 08 07:36:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 04:12:44 2020
Response via : Initial Calibration



TIC: BG047638.D

(89) Benzo(k)fluoranthene

24.133min (-0.075) 2.94ng/ul

response 46443

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	17.91
125.00	2.80	2.39
0.00	0.00	0.00

Quantitation Report (Qedit)

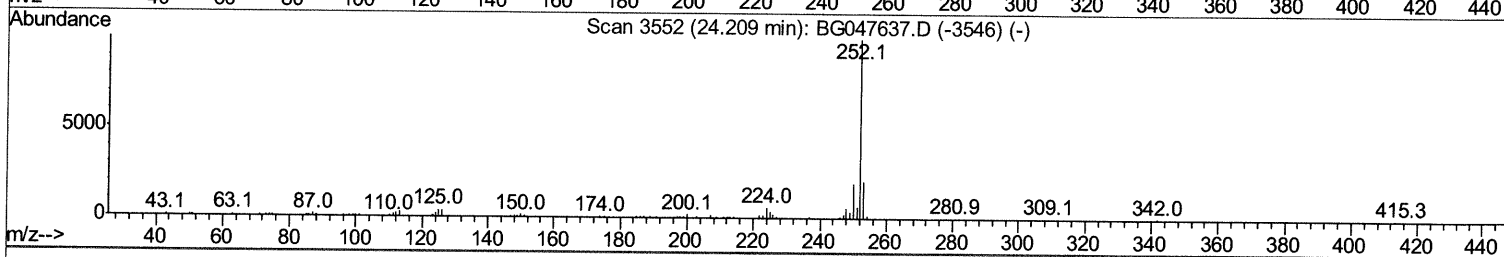
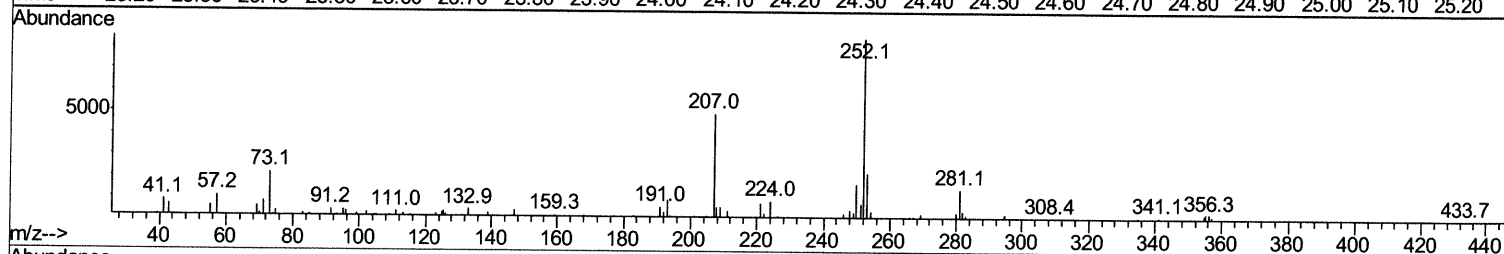
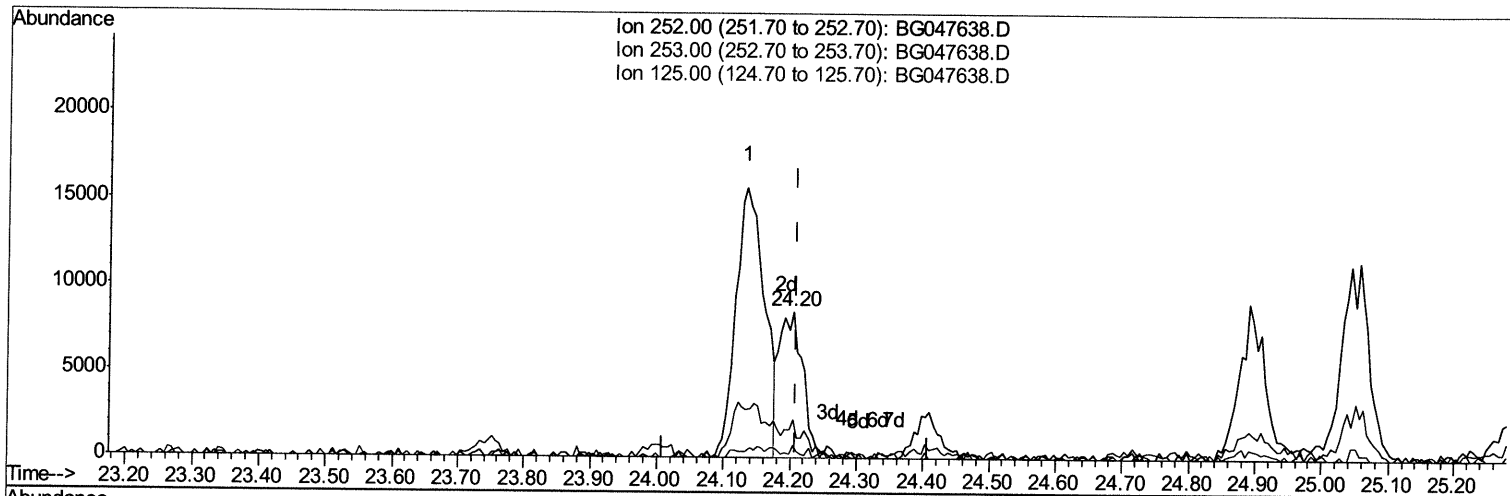
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 Data File : BG047638.D
 Acq On : 8 Dec 2020 5:33
 Operator : CG/JU
 Sample : L4862-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0A23

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:18 PM

Quant Time: Dec 08 07:36:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 04:12:44 2020
 Response via : Initial Calibration



TIC: BG047638.D

(89) Benzo(k)fluoranthene

24.204min (-0.004) 1.35ng/ul m 12/09/20 JU

response 21324

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	26.33#
125.00	2.80	4.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

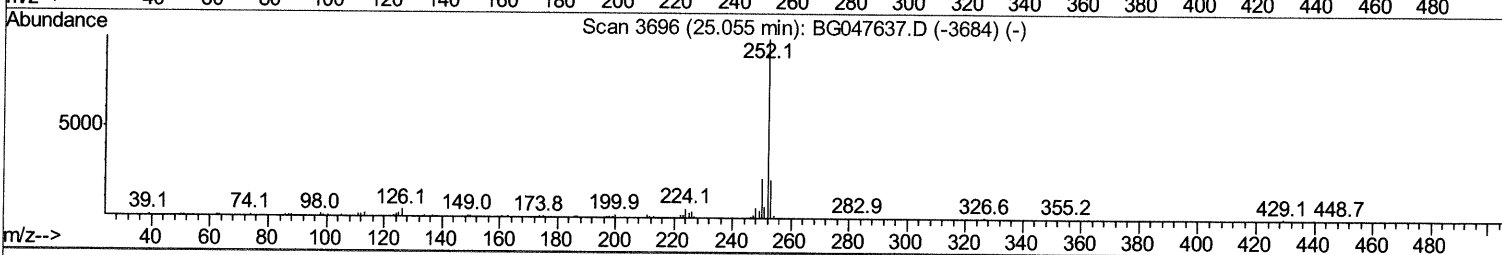
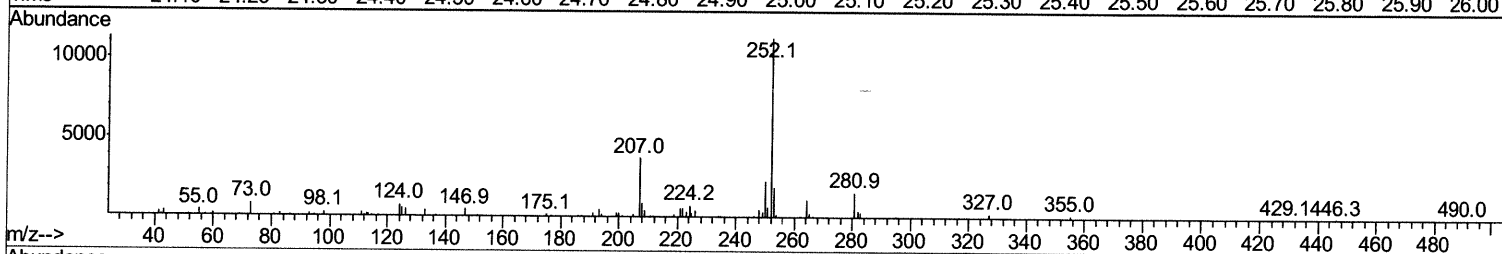
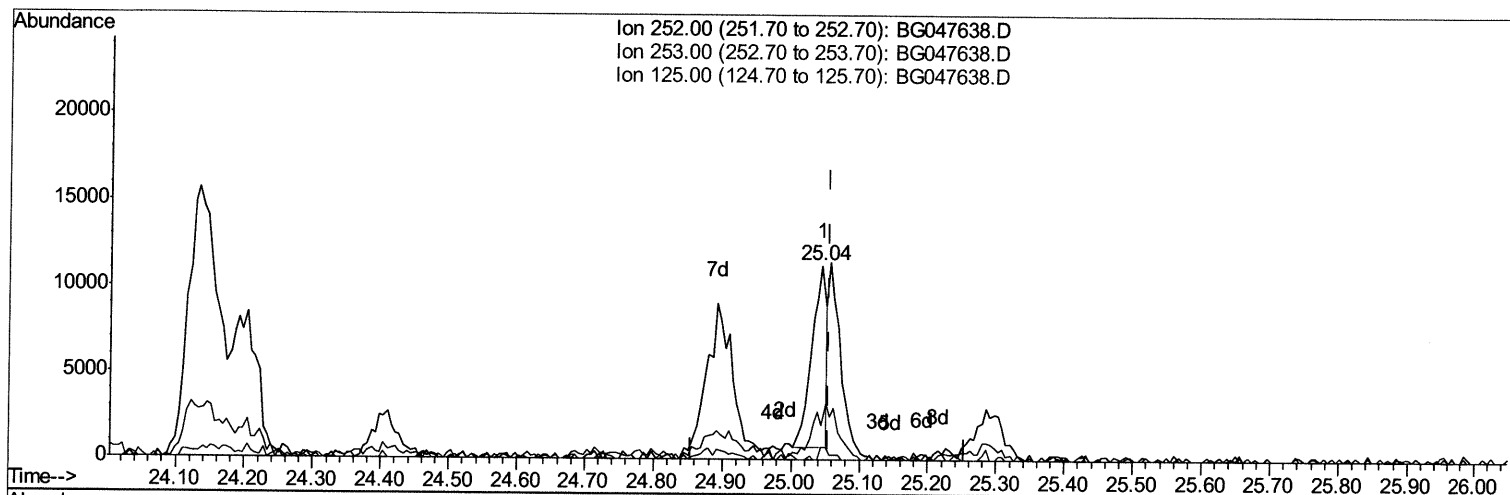
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Data File : BG047638.D
Acq On : 8 Dec 2020 5:33
Operator : CG/JU
Sample : L4862-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ3

Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:18 PM

Quant Time: Dec 08 07:36:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
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TIC: BG047638.D

(91) Benzo(a)pyrene (C)

25.044min (-0.010) 1.09ng/ul

response 15763

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	17.76
125.00	3.20	6.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

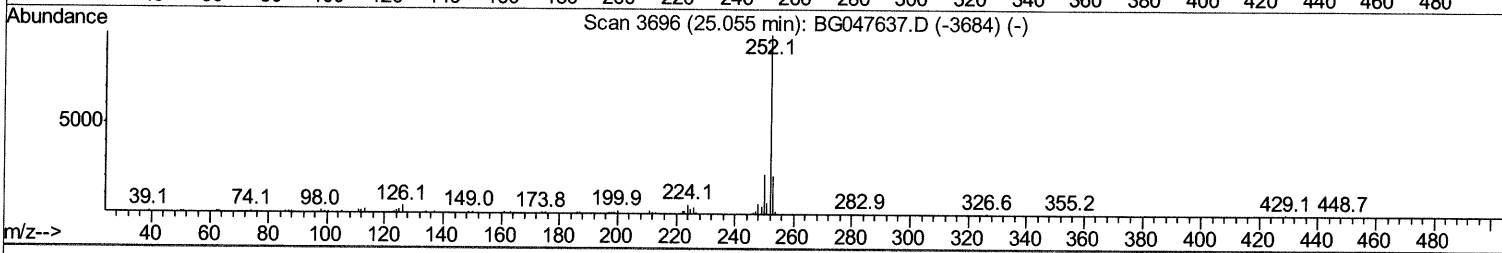
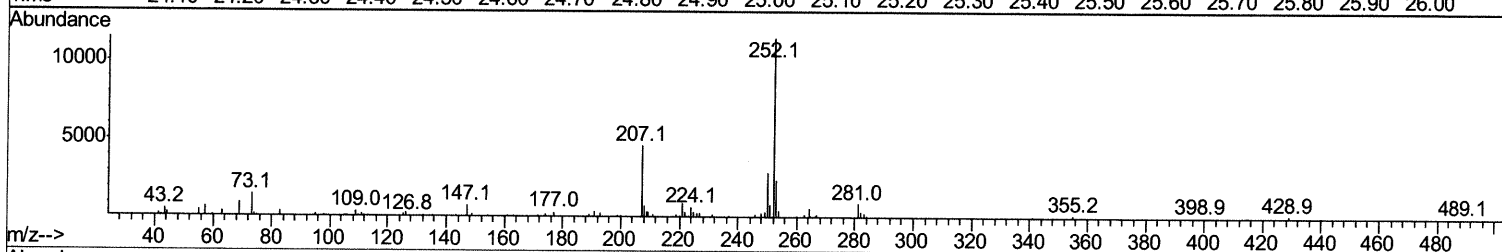
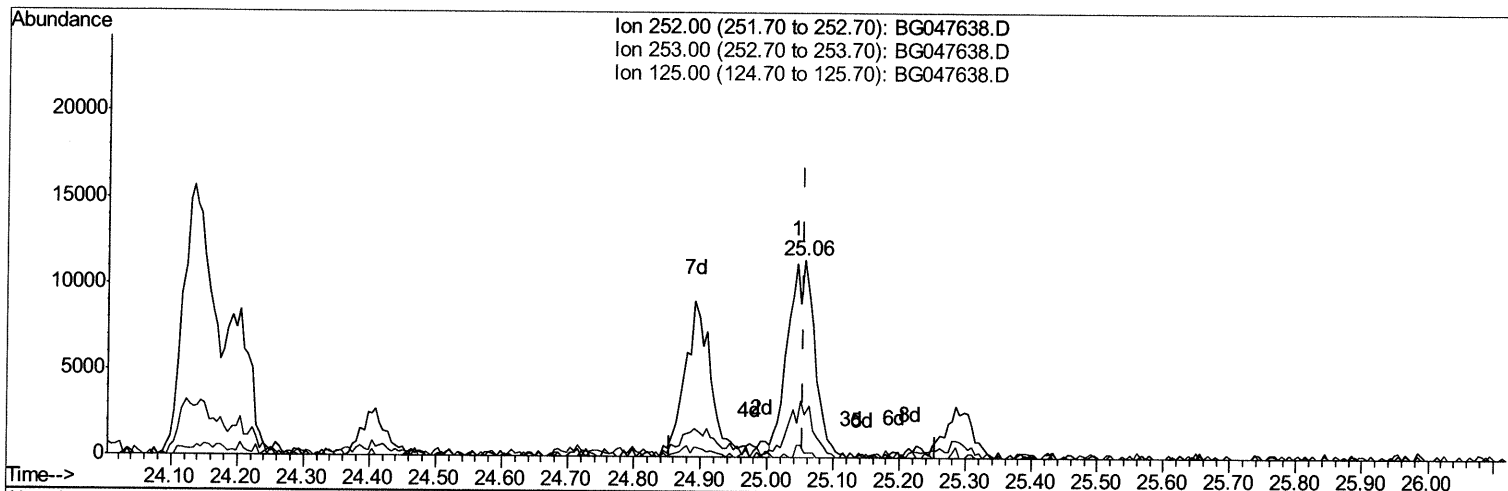
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 Acq On : 8 Dec 2020 5:33
 Operator : CG/JU
 Sample : L4862-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ3

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:18 PM

Quant Time: Dec 08 07:36:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 04:12:44 2020
 Response via : Initial Calibration



TIC: BG047638.D

(91) Benzo(a)pyrene (C)

25.056min (+0.001) 2.23ng/ul m 12/09/2020

response 32165

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.59
125.00	3.20	2.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

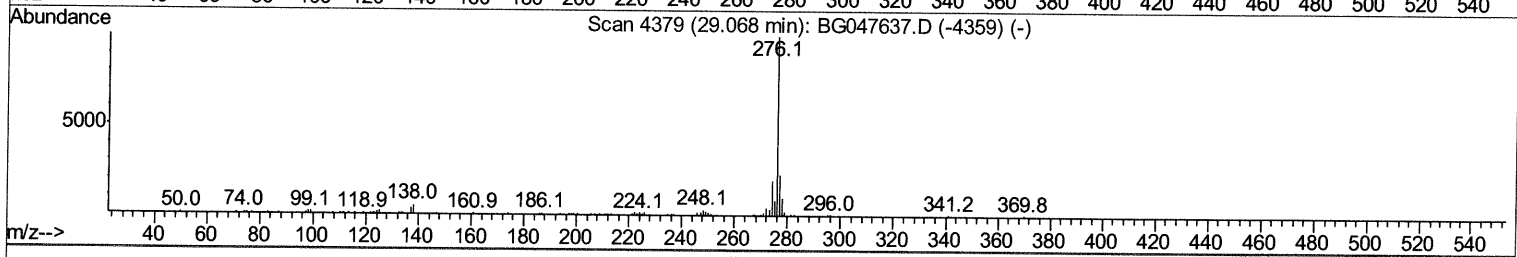
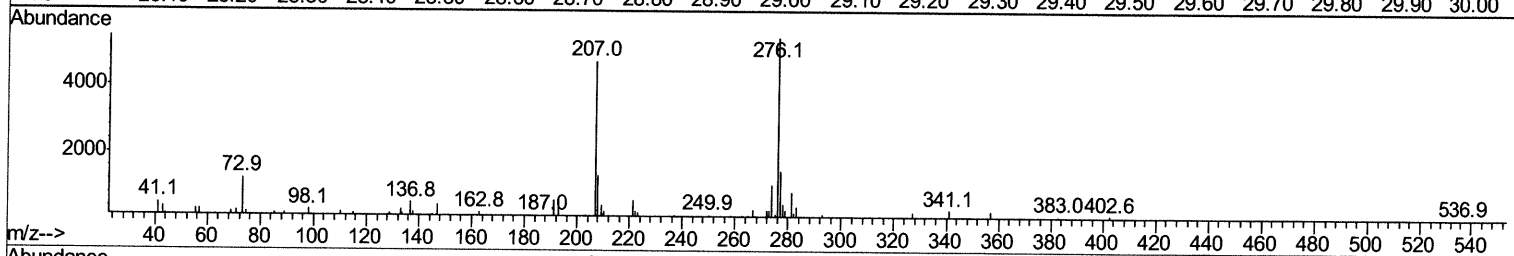
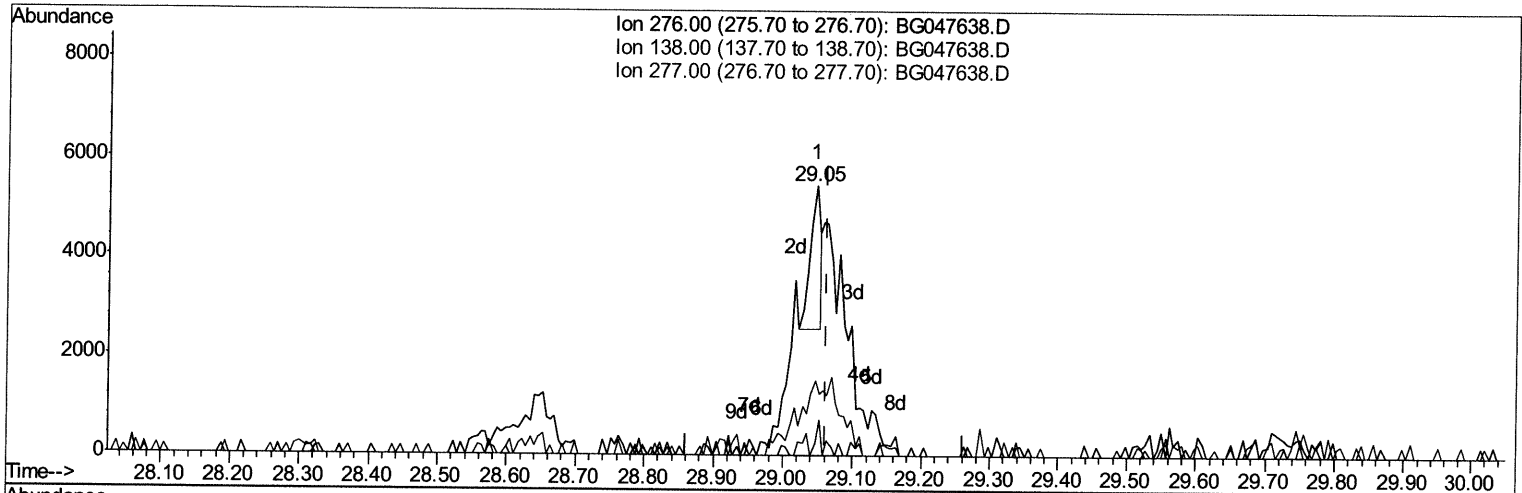
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047638.D
Acq On : 8 Dec 2020 5:33
Operator : CG/JU
Sample : L4862-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:18 PM

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TIC: BG047638.D

(92) Indeno(1,2,3-cd)pyrene

29.045min (-0.016) 0.17ng/ul

response 2979

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	4.77
277.00	23.20	27.72
0.00	0.00	0.00

Quantitation Report (Qedit)

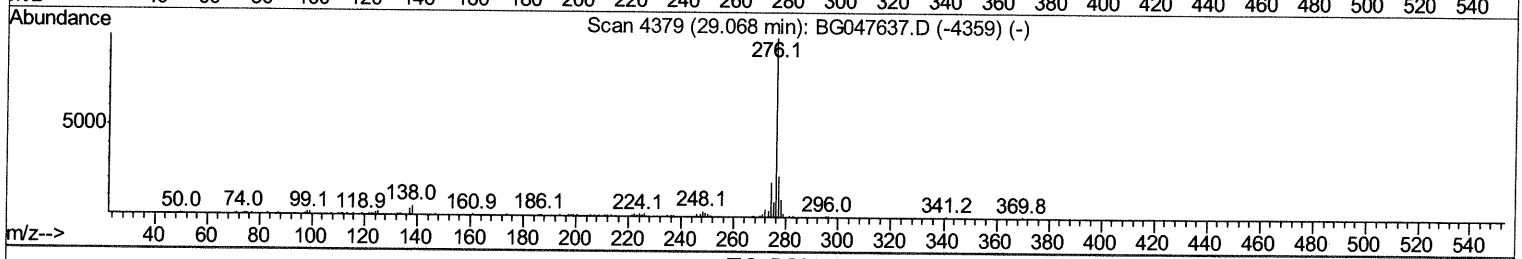
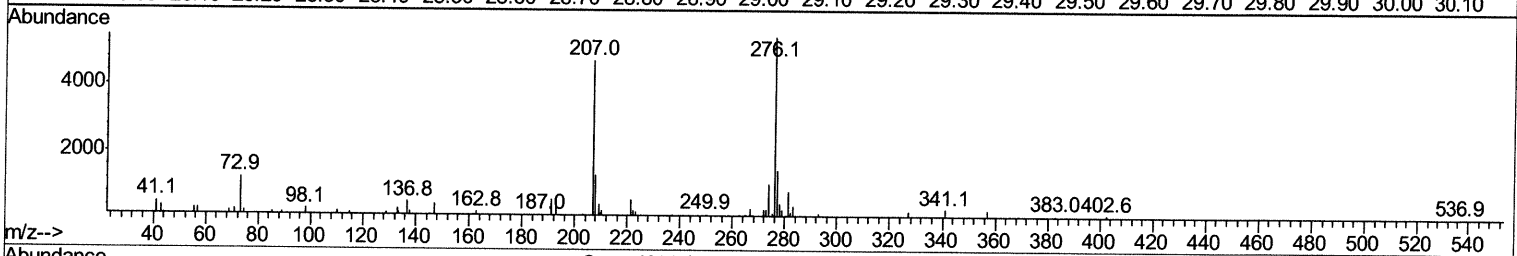
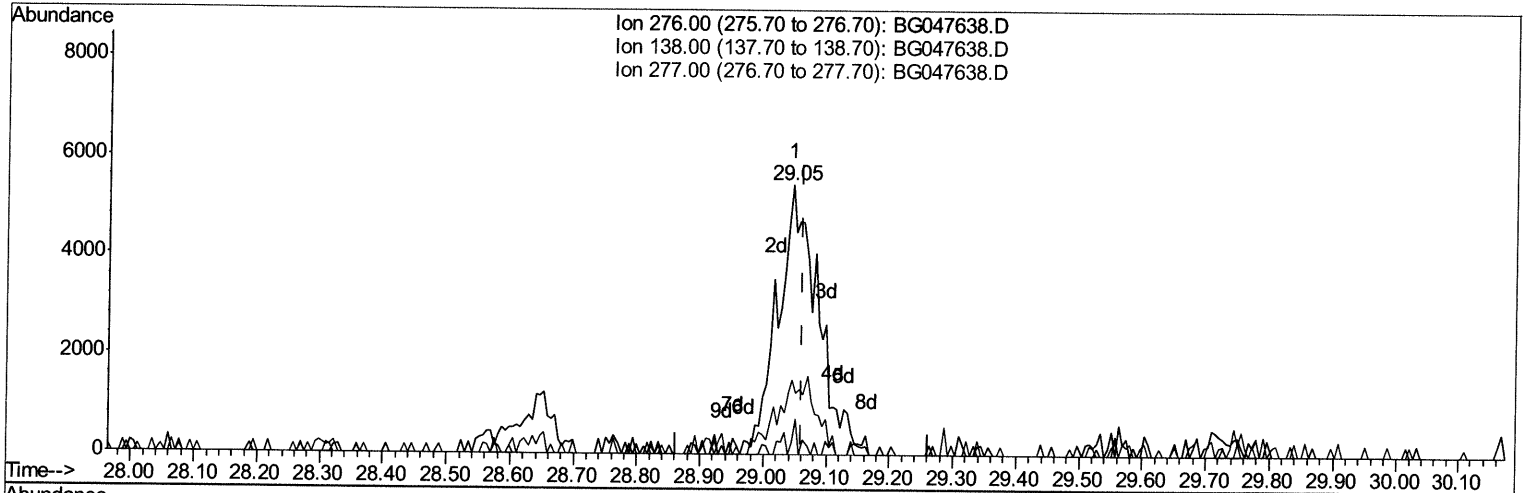
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047638.D
 Acq On : 8 Dec 2020 5:33
 Operator : CG/JU
 Sample : L4862-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ3

Manual Integrations
 APPROVED

mohammad
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TIC: BG047638.D

(92) Indeno(1,2,3-cd)pyrene

29.045min (-0.016) 1.37ng/ul m 12/04/2020

response 24081

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	4.77
277.00	23.20	27.72
0.00	0.00	0.00

Quantitation Report (Qedit)

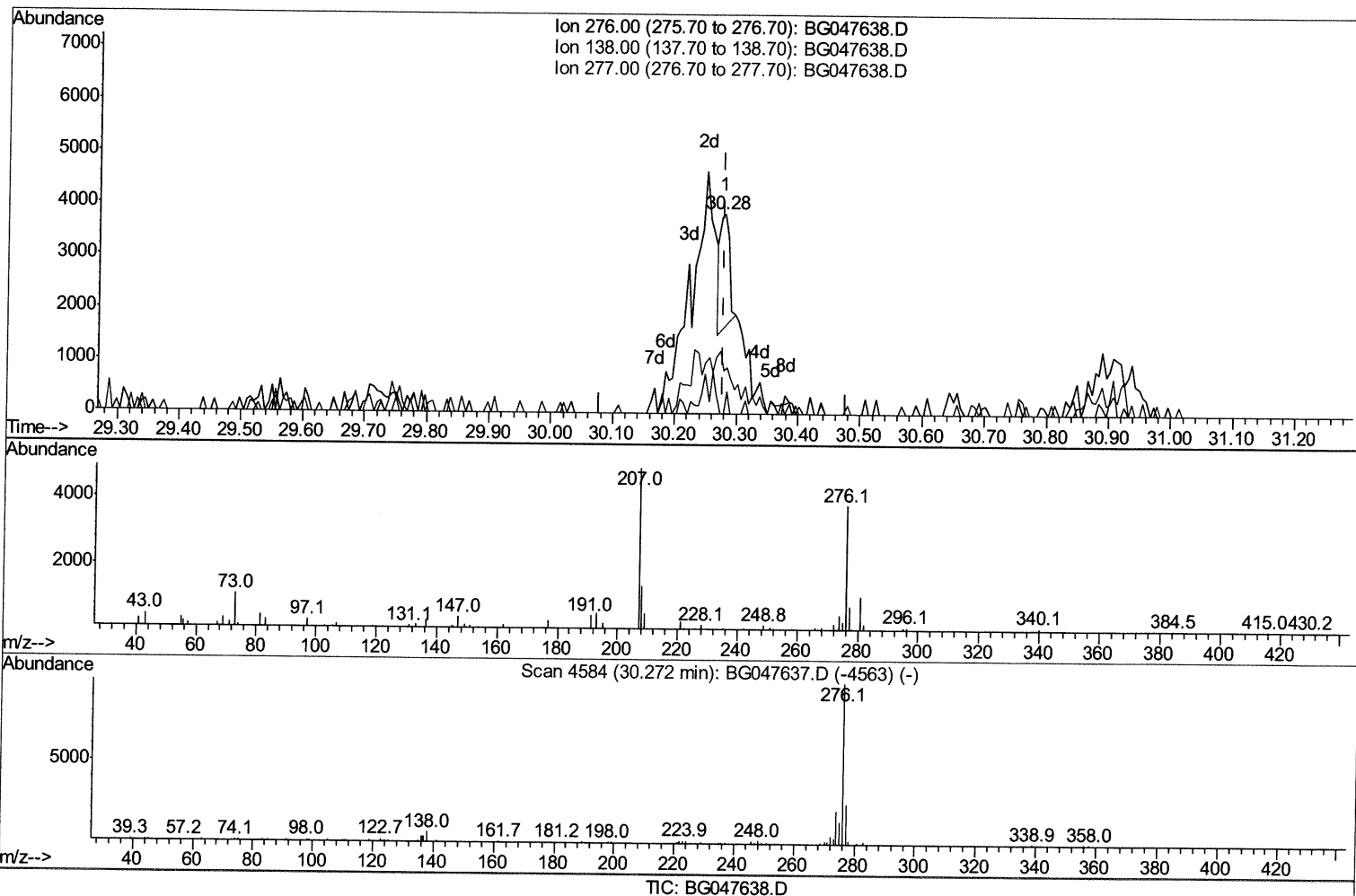
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047638.D
Acq On : 8 Dec 2020 5:33
Operator : CG/JU
Sample : L4862-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ3

Manual Integrations
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(94) Benzo(g,h,i)perylene

30.279min (+0.001) 0.16ng/ul

response 2239

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	0.00#
277.00	27.40	21.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

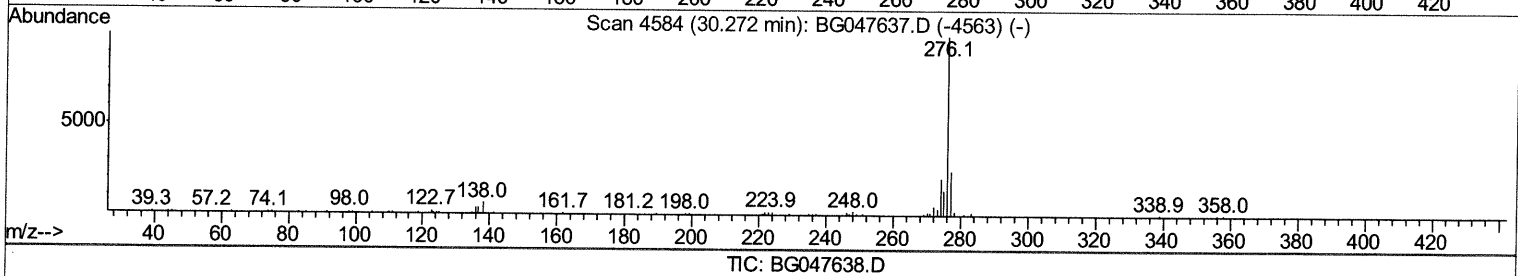
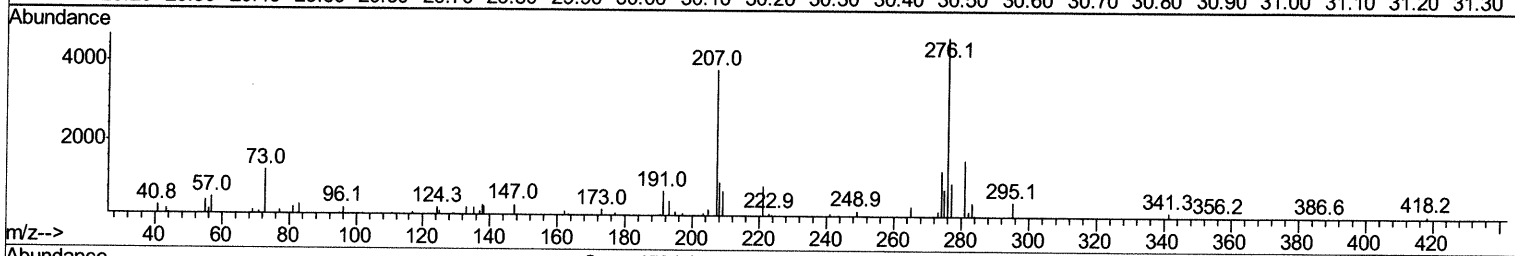
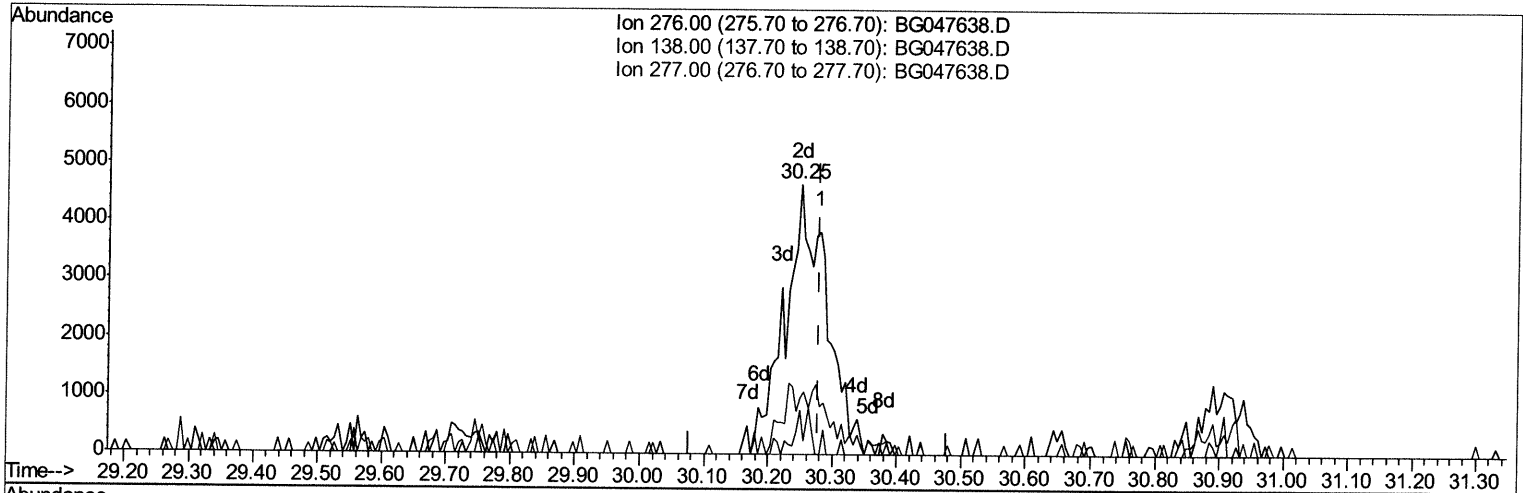
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047638.D
Acq On : 8 Dec 2020 5:33
Operator : CG/JU
Sample : L4862-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



(94) Benzo(g,h,i)perylene

30.250min (-0.028) 1.43ng/ul m 12/09/2020

response 20635

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	8.35#
277.00	27.40	21.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047638.D
 Acq On : 8 Dec 2020 5:33
 Operator : CG/JU
 Sample : L4862-03
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Manual Integrations
 APPROVED

mohammad
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Quant Time: Dec 08 07:39:30 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30333	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	112876	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	88540	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	220694	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	219200	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	228729	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	3281m	5.76	ng/uL	0.00	12/04/2024
5) Phenol-d5	7.35	99	84217	32.44	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.53	67	44863	33.62	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.74	132	63704	32.36	ng/ul	0.00	
13) 4-Methylphenol-d8	8.90	113	65107	31.60	ng/ul	0.00	
19) Nitrobenzene-d5	9.38	128	32800	35.64	ng/ul	-0.01	
22) 2-Nitrophenol-d4	10.11	143	39946	36.01	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.65	165	79438	32.98	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.17	131	83547	37.77	ng/ul	0.00	
44) Dimethylphthalate-d6	14.23	166	257219	33.45	ng/ul	0.00	
47) Acenaphthylene-d8	14.53	160	306674	34.91	ng/ul	0.00	
52) 4-Nitrophenol-d4	15.00	143	35488	31.11	ng/ul	-0.01	
58) Fluorene-d10	15.82	176	238870	33.74	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.93	200	46820	31.34	ng/ul	0.00	
71) Anthracene-d10	17.67	188	385715	35.04	ng/ul	0.00	
79) Pyrene-d10	19.94	212	446543	34.47	ng/ul	0.00	
90) Benzo(a)pyrene-d12	24.98	264	459350	34.38	ng/ul	0.00	

Target Compounds

					Ovalue	
6) Phenol	7.39	94	6087	2.482	ng/ul#	90
45) Dimethylphthalate	14.27	163	59792	7.675	ng/ul	99
70) Phenanthrene	17.61	178	27007	2.258	ng/ul#	91
77) Fluoranthene	19.60	202	69460	4.564	ng/ul	99
80) Pyrene	19.97	202	56740	3.559	ng/ul#	99
81) Butylbenzylphthalate	20.83	149	10550	1.989	ng/ul	97
83) Benzo(a)anthracene	21.82	228	36727	2.345	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.71	149	7643	1.027	ng/ul#	92
85) Chrysene	21.89	228	30558	2.067	ng/ul	91
88) Benzo(b)fluoranthene	24.13	252	46443m	2.909	ng/ul	12/09/2024
89) Benzo(k)fluoranthene	24.20	252	21324m	1.348	ng/ul	
91) Benzo(a)pyrene	25.06	252	32165m	2.234	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.05	276	24081m	1.371	ng/ul	
94) Benzo(a,h,i)perylene	30.25	276	20635m	1.431	ng/ul	

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