

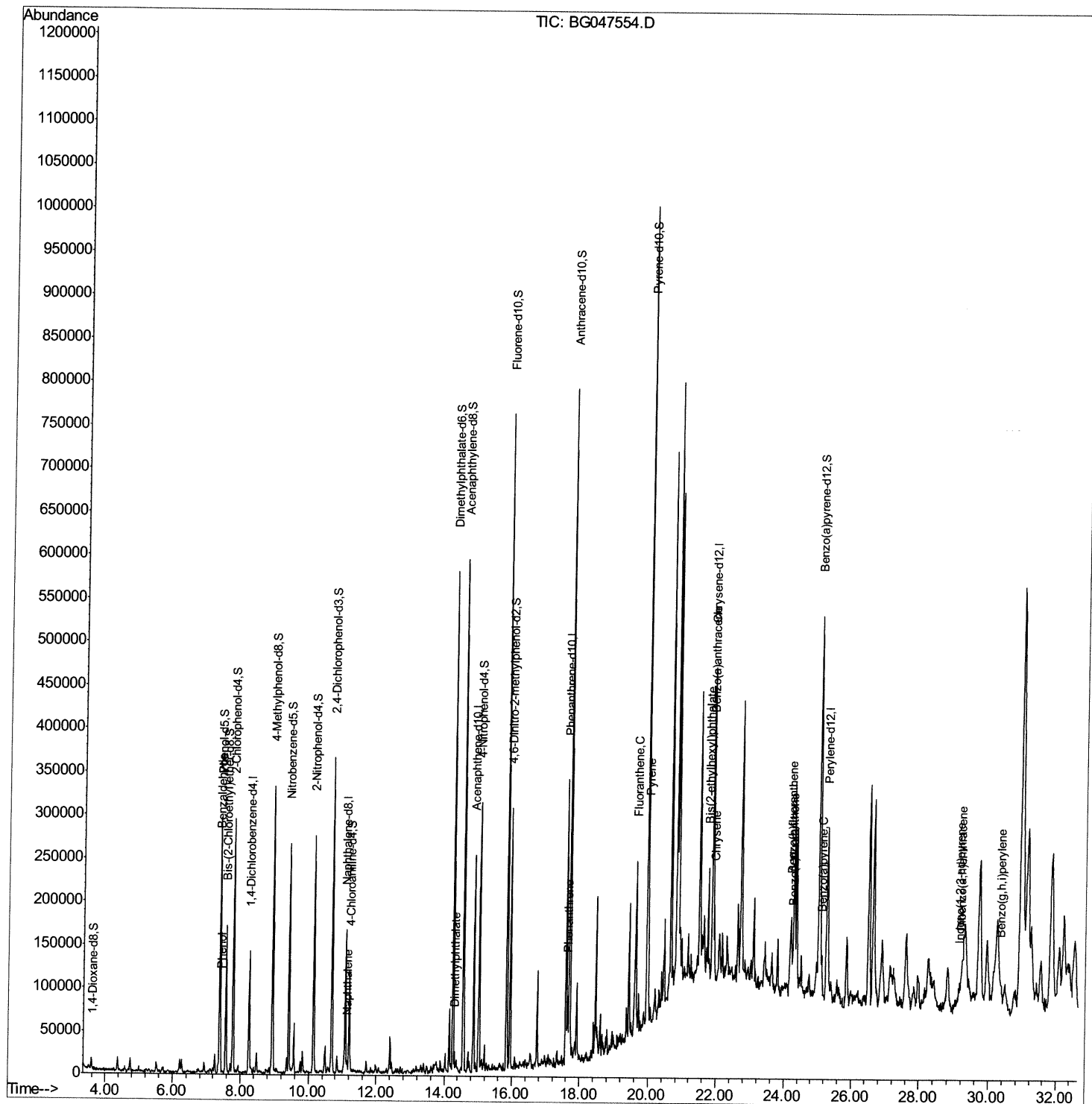
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
CB7Z7

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:47:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

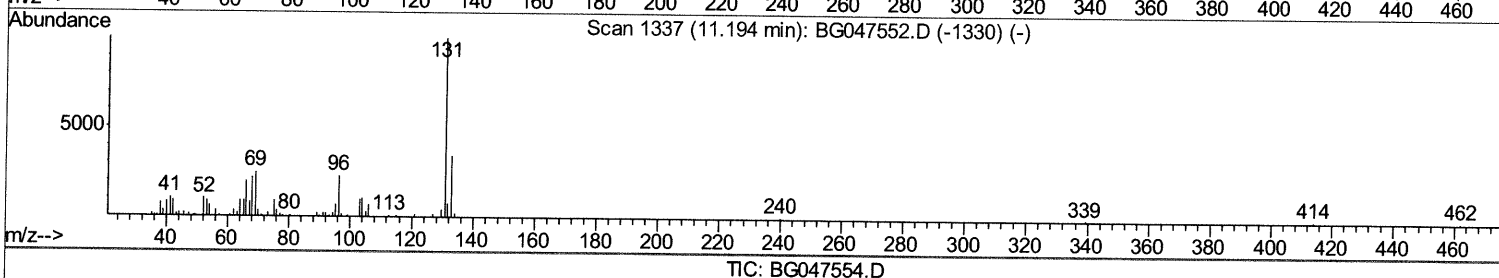
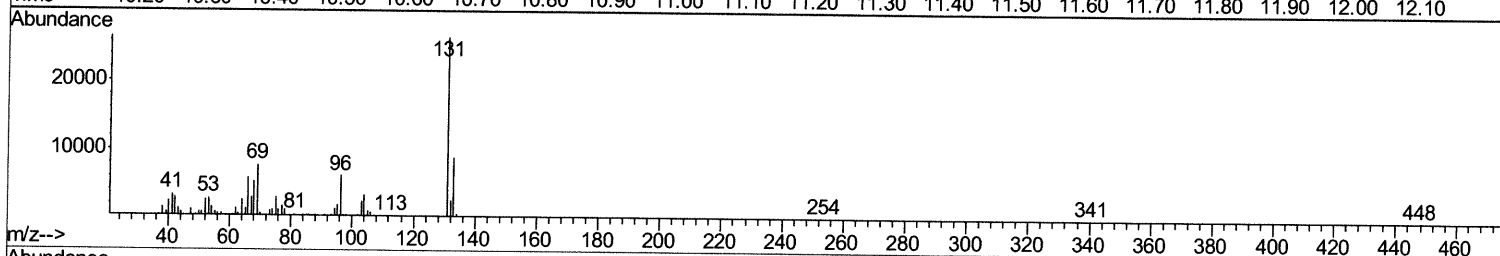
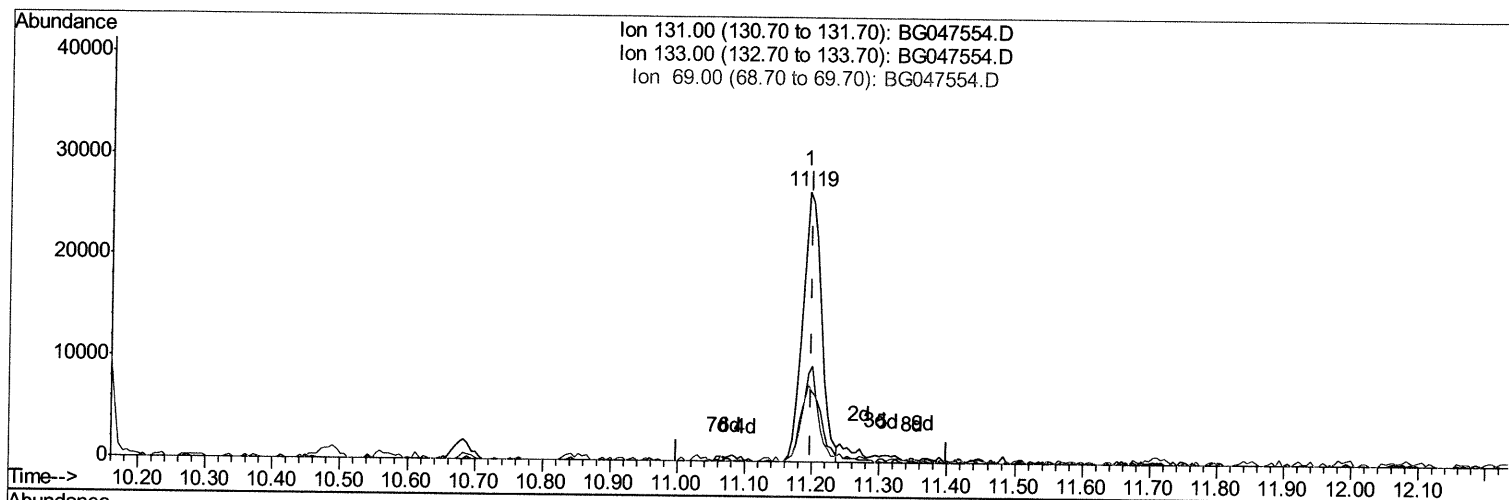
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047554.D
 Acq On : 4 Dec 2020 2:10
 Operator : CG/JU
 Sample : L4855-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z7

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:41:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 02:52:14 2020
 Response via : Initial Calibration



TIC: BG047554.D

(29) 4-Chloroaniline-d4 (S)

11.194min (-0.005) 19.53ng/ul

response 51197

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	32.95
69.00	24.90	28.57
0.00	0.00	0.00

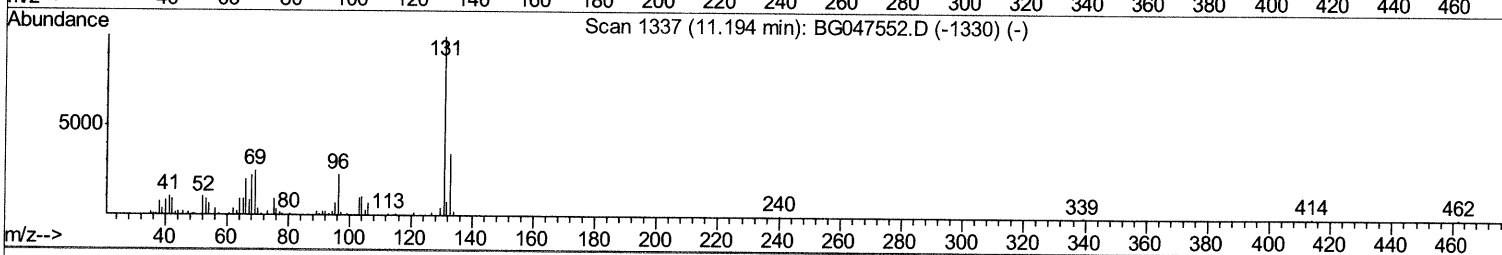
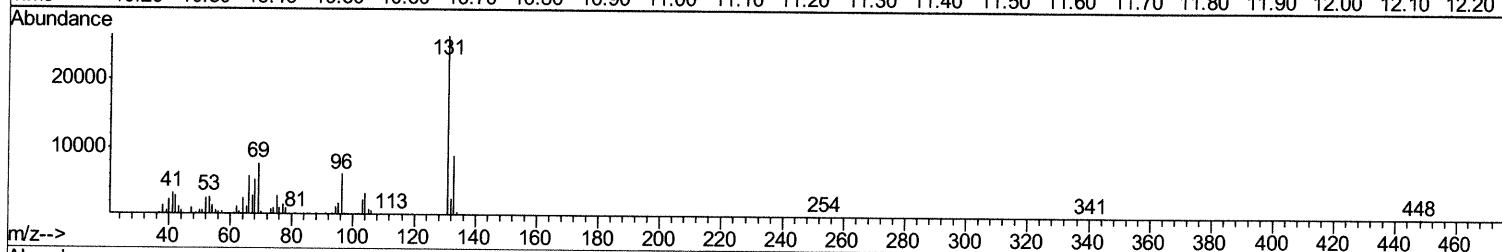
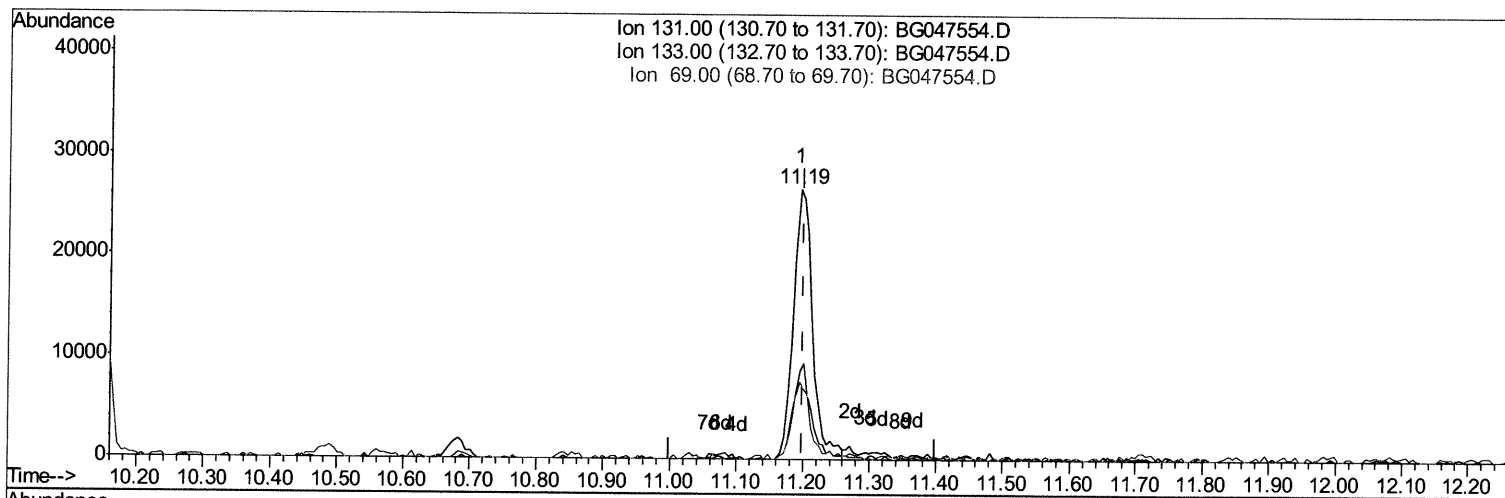
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:41:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



TIC: BG047554.D

(29) 4-Chloroaniline-d4 (S)

11.194min (-0.005) 20.28ng/ul m 12/07/2020

response 53159

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	32.95
69.00	24.90	28.57
0.00	0.00	0.00

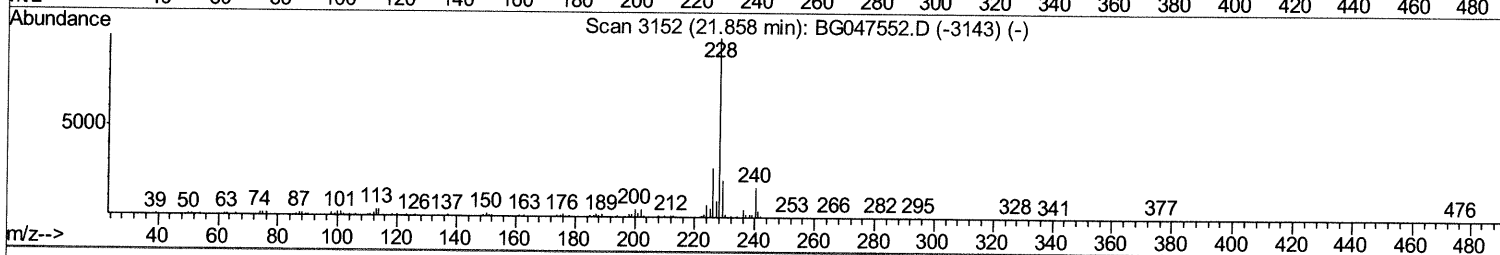
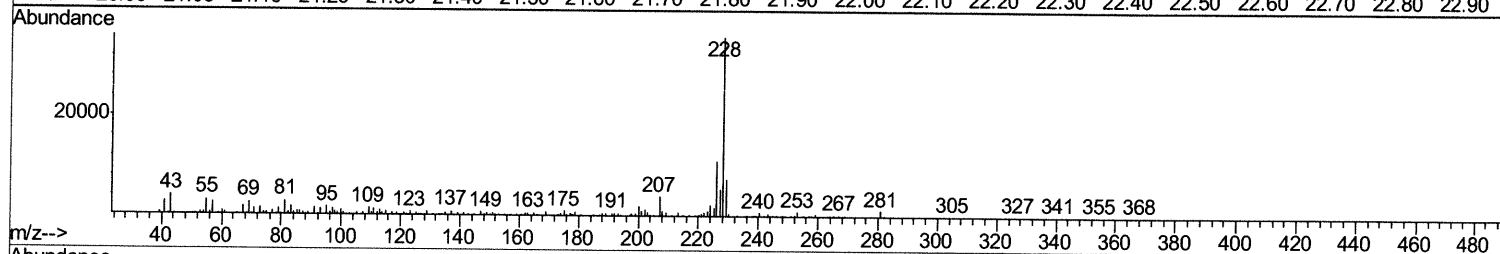
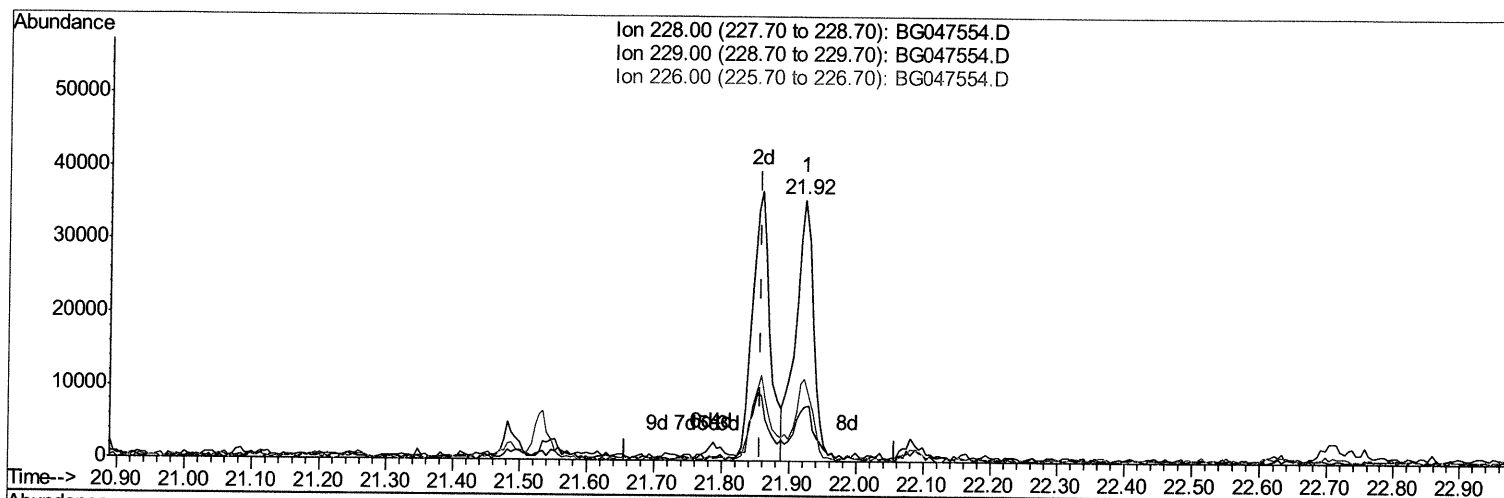
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:42:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



TIC: BG047554.D

(83) Benzo(a)anthracene

21.923min (+0.065) 4.63ng/ui

response 66861

Ion	Exp%	Act%
228.00	100	100
229.00	18.40	20.78
226.00	27.00	31.38
0.00	0.00	0.00

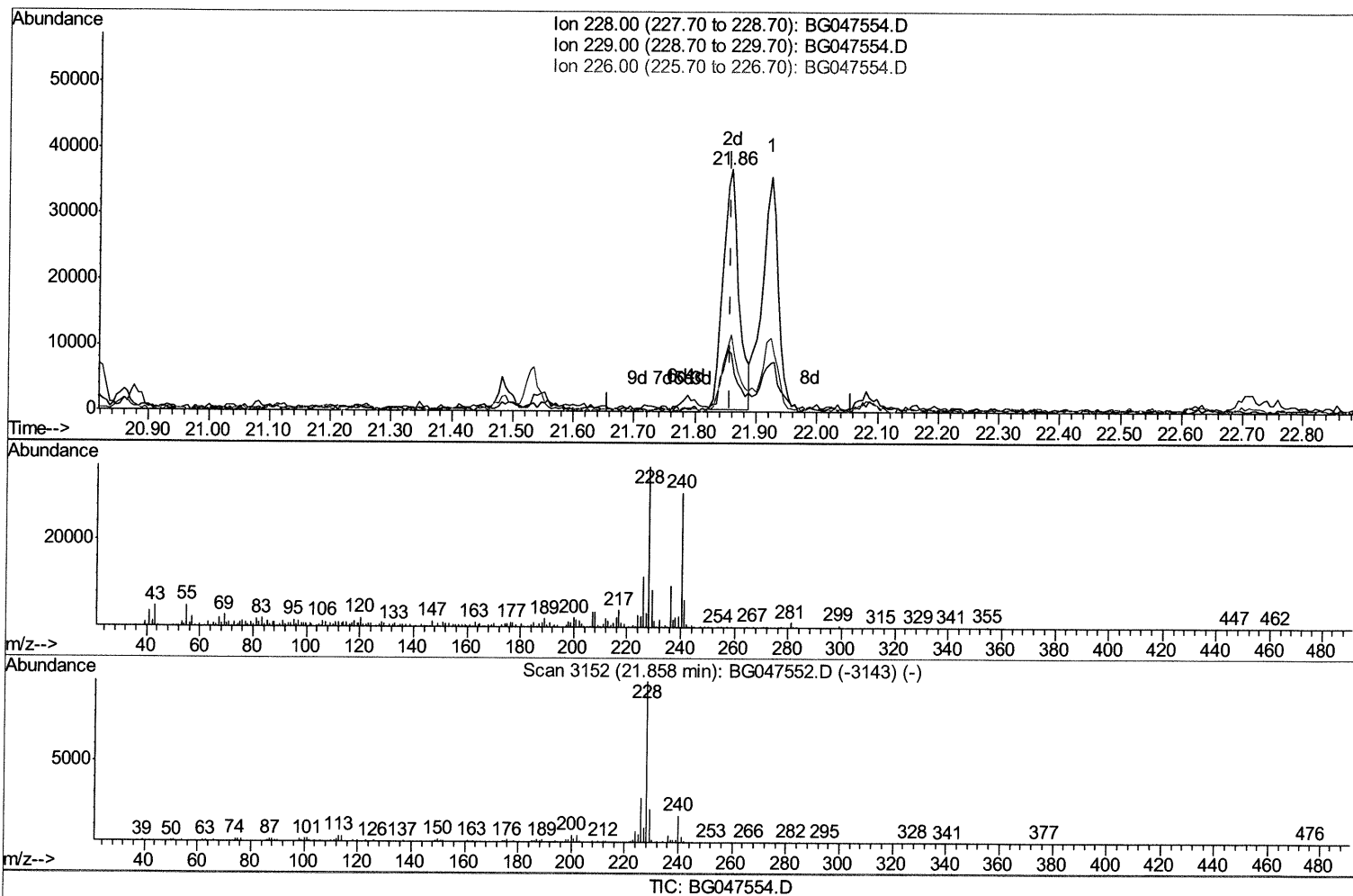
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:42:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



(83) Benzo(a)anthracene

21.858min (+0.001) 4.63ng/ul m 12/07/20 54

response 66845

Ion	Exp%	Act%
228.00	100	100
229.00	18.40	23.93#
226.00	27.00	31.91
0.00	0.00	0.00

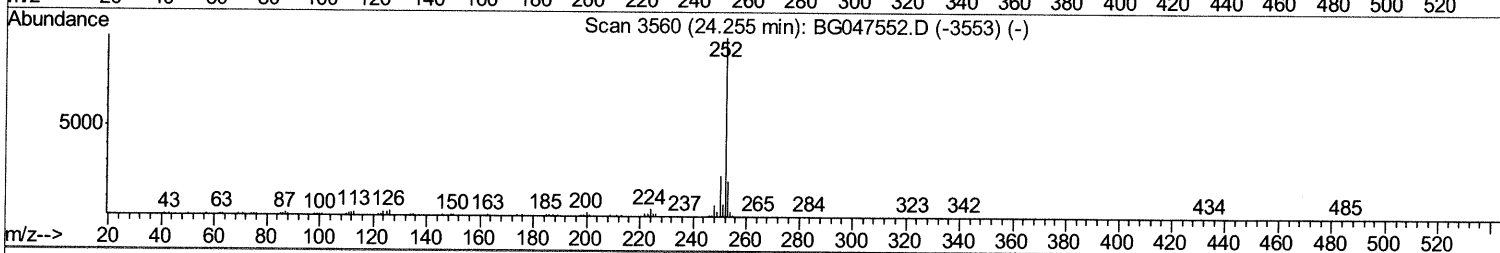
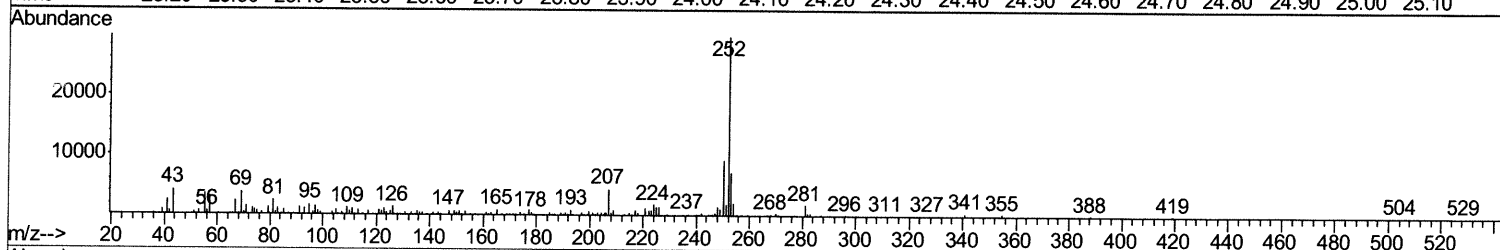
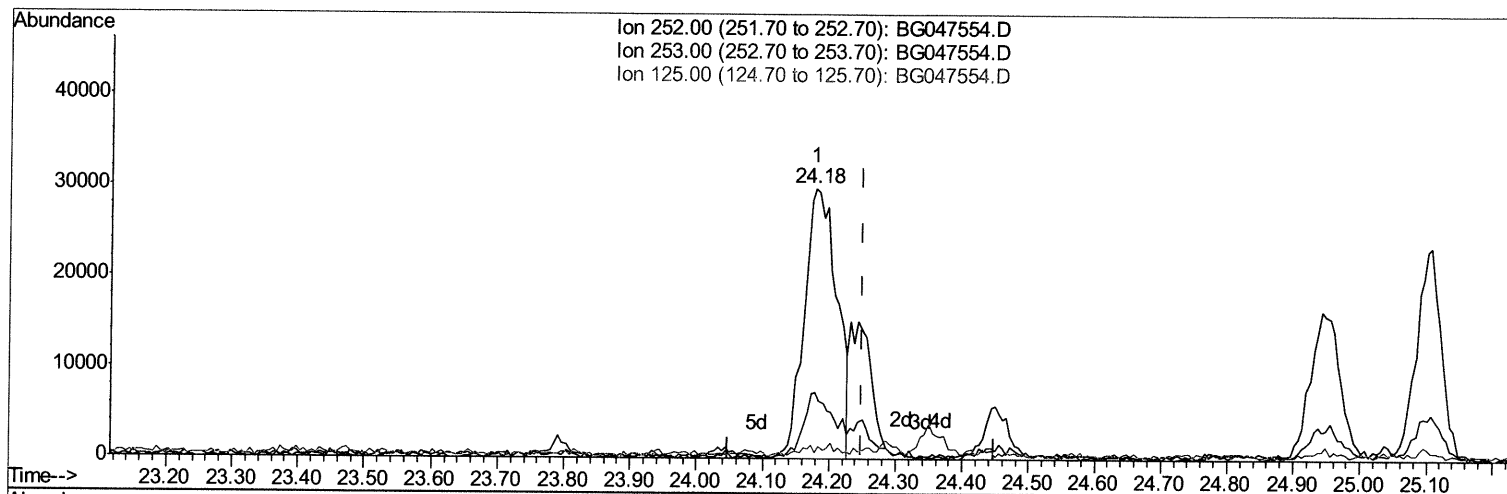
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:42:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



TIC: BG047554.D

(89) Benzo(k)fluoranthene

24.179min (-0.070) 6.75ng/ul

response 101436

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	24.48
125.00	2.80	2.48
0.00	0.00	0.00

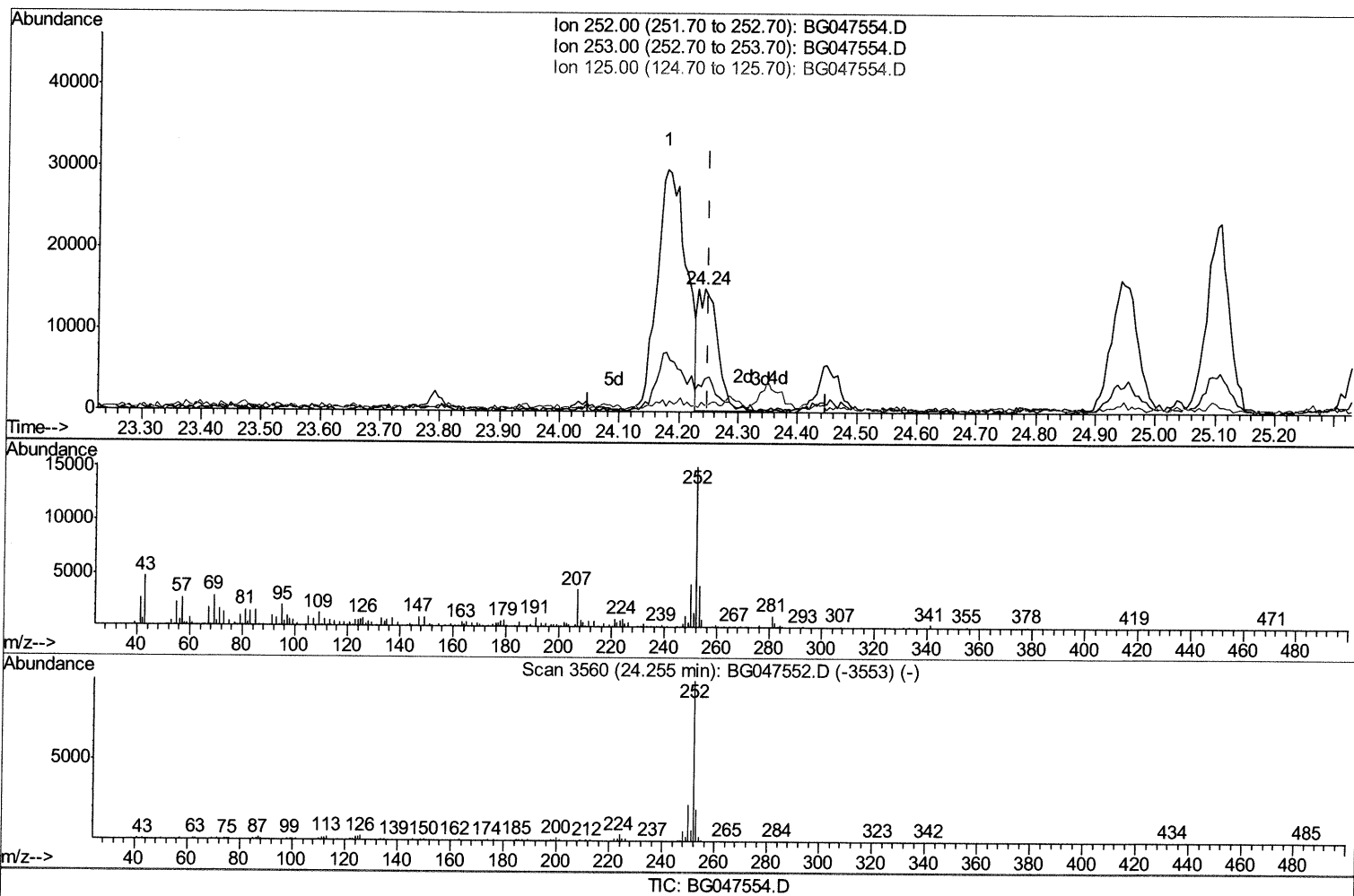
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:42:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



(89) Benzo(k)fluoranthene

24.243min (-0.005) 2.26ng/ul m 1260712054

response 33918

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	26.75
125.00	2.80	5.39#
0.00	0.00	0.00

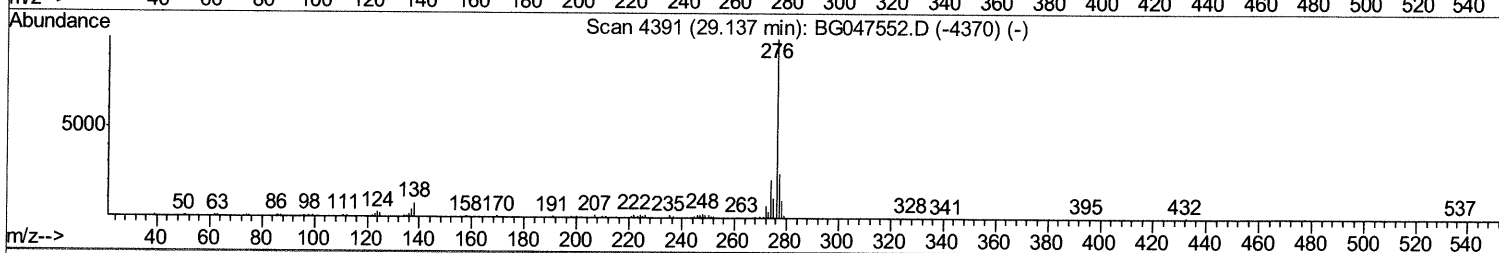
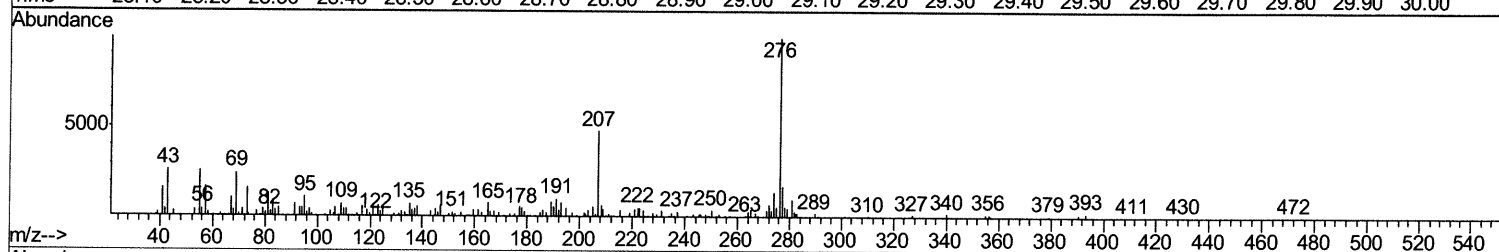
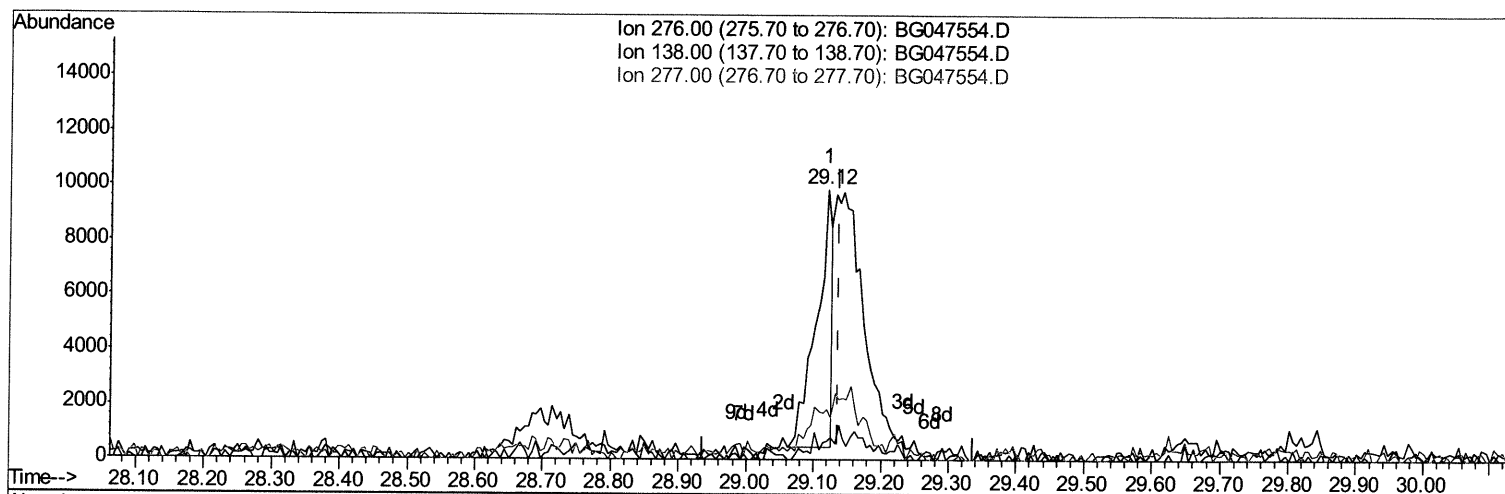
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:42:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



TIC: BG047554.D

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

29.120min (-0.017) 0.94ng/ul

response 15623

Ion	Exp%	Act%
276.00	100	100
138.00	4.60	6.76#
277.00	22.80	18.61
0.00	0.00	0.00

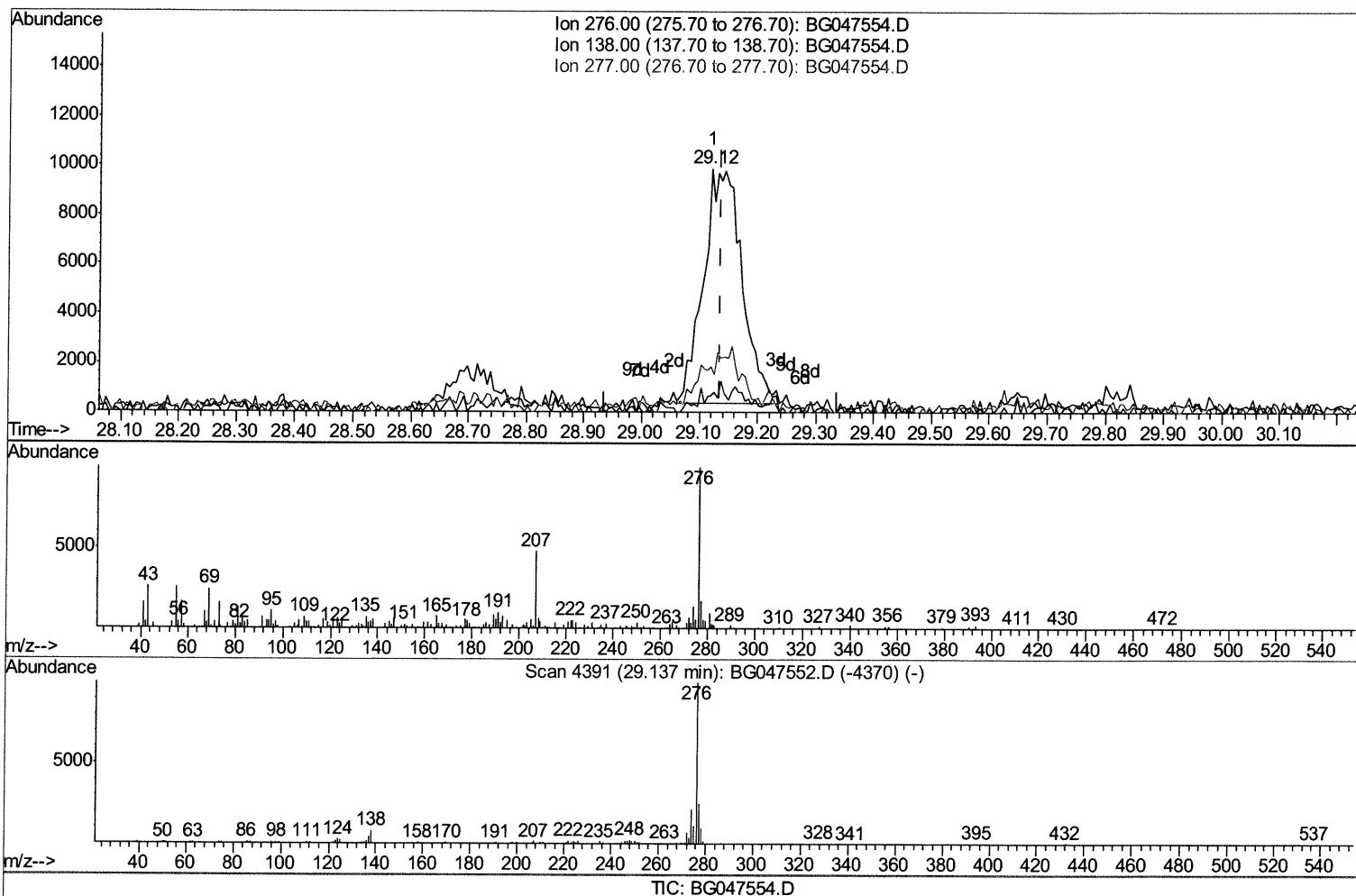
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:42:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



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

29.120min (-0.017) 2.64ng/ul m 12/6/20 JU

response 43602

Ion	Exp%	Act%
276.00	100	100
138.00	4.60	6.76#
277.00	22.80	18.61
0.00	0.00	0.00

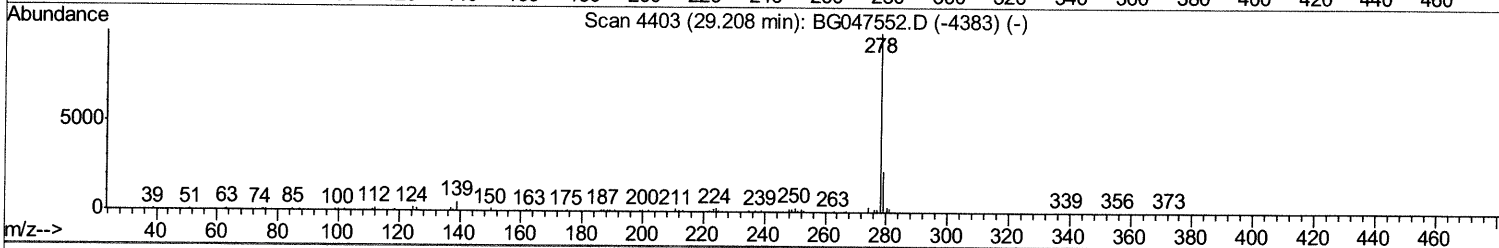
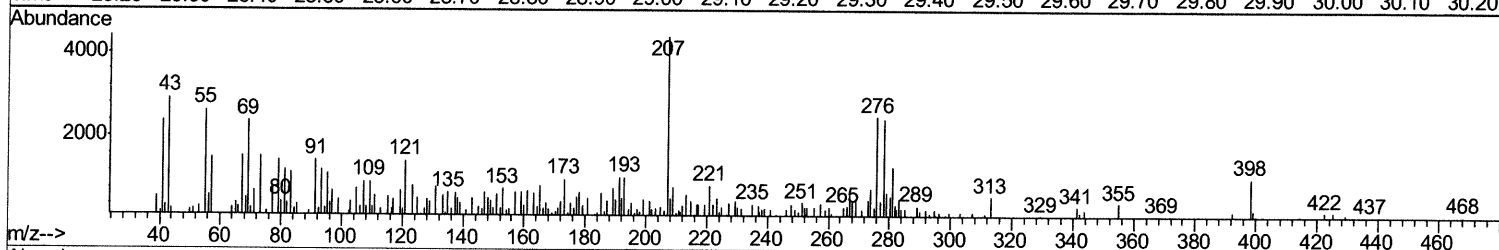
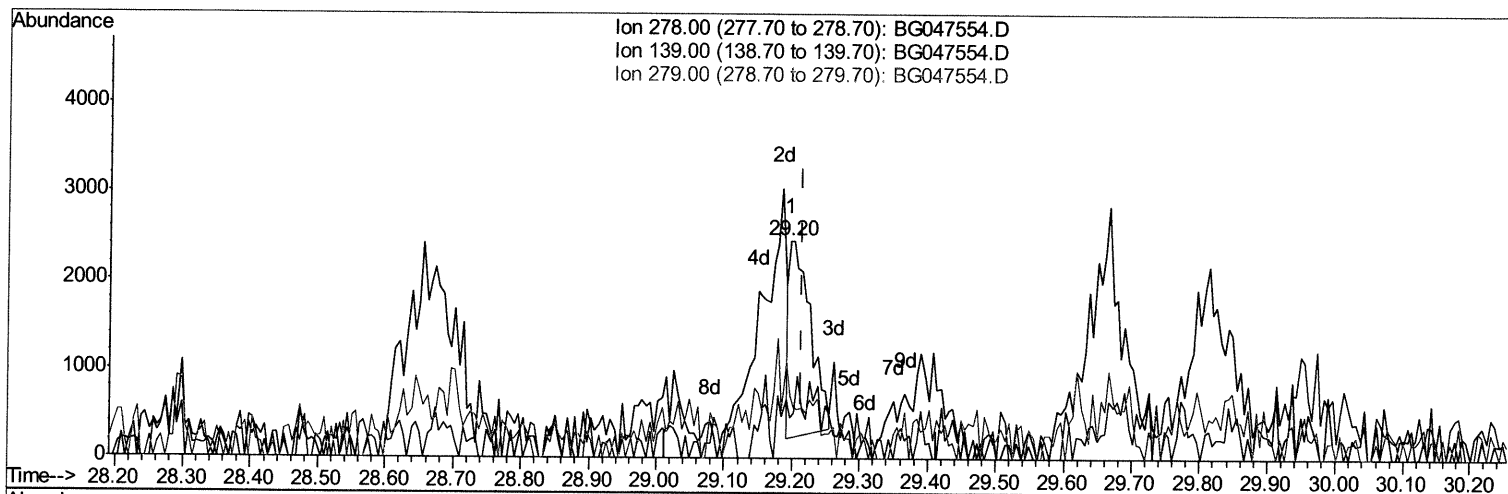
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:42:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



TIC: BG047554.D

(93) Dibenzo(a,h)anthracene

29.196min (-0.017) 0.36ng/ul

response 4873

Ion	Exp%	Act%
278.00	100	100
139.00	4.20	18.62#
279.00	22.50	28.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

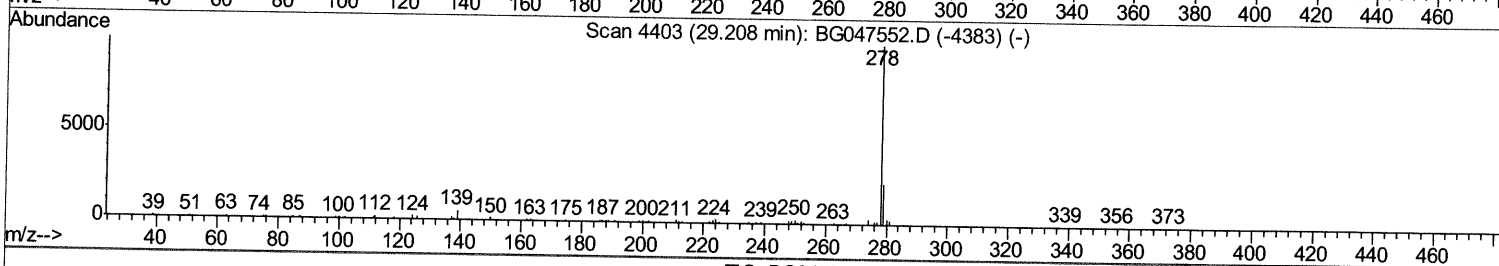
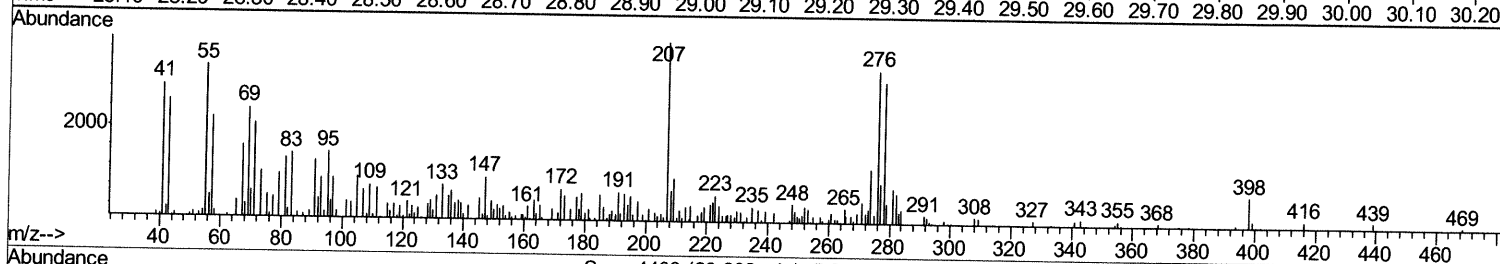
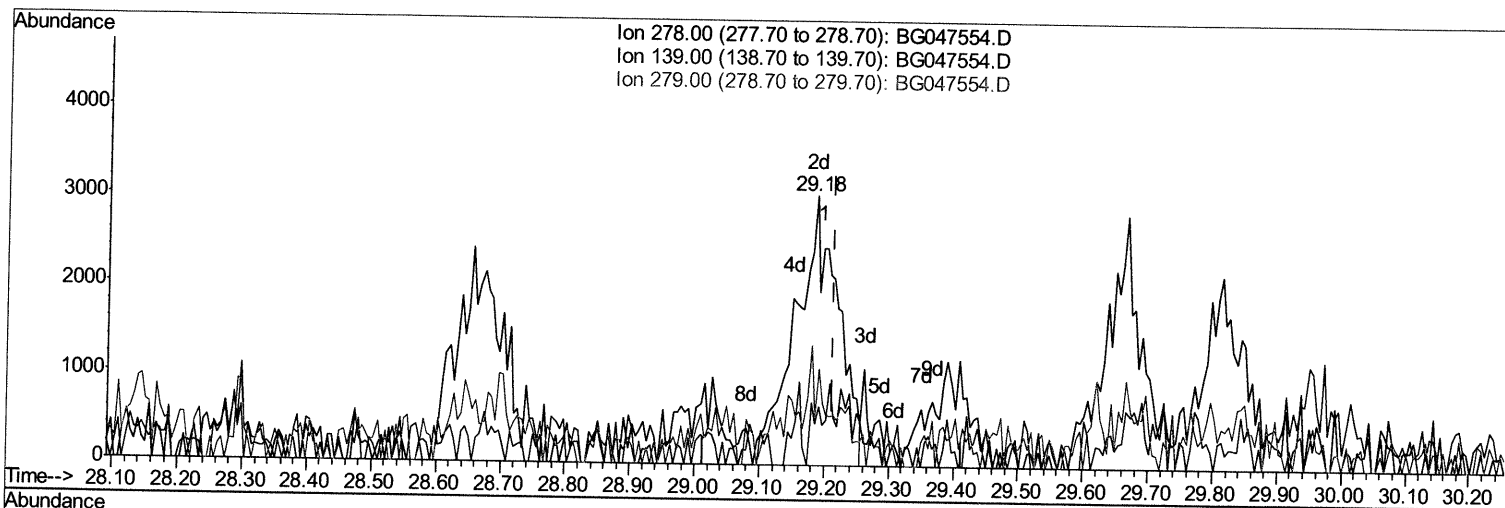
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047554.D
 Acq On : 4 Dec 2020 2:10
 Operator : CG/JU
 Sample : L4855-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z7

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:42:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 02:52:14 2020
 Response via : Initial Calibration



TIC: BG047554.D

(93) Dibenzo(a,h)anthracene

29.185min (-0.029) 1.03ng/ul m *1267 kg*

response 14004

Ion	Exp%	Act%
278.00	100	100
139.00	4.20	15.46#
279.00	22.50	17.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

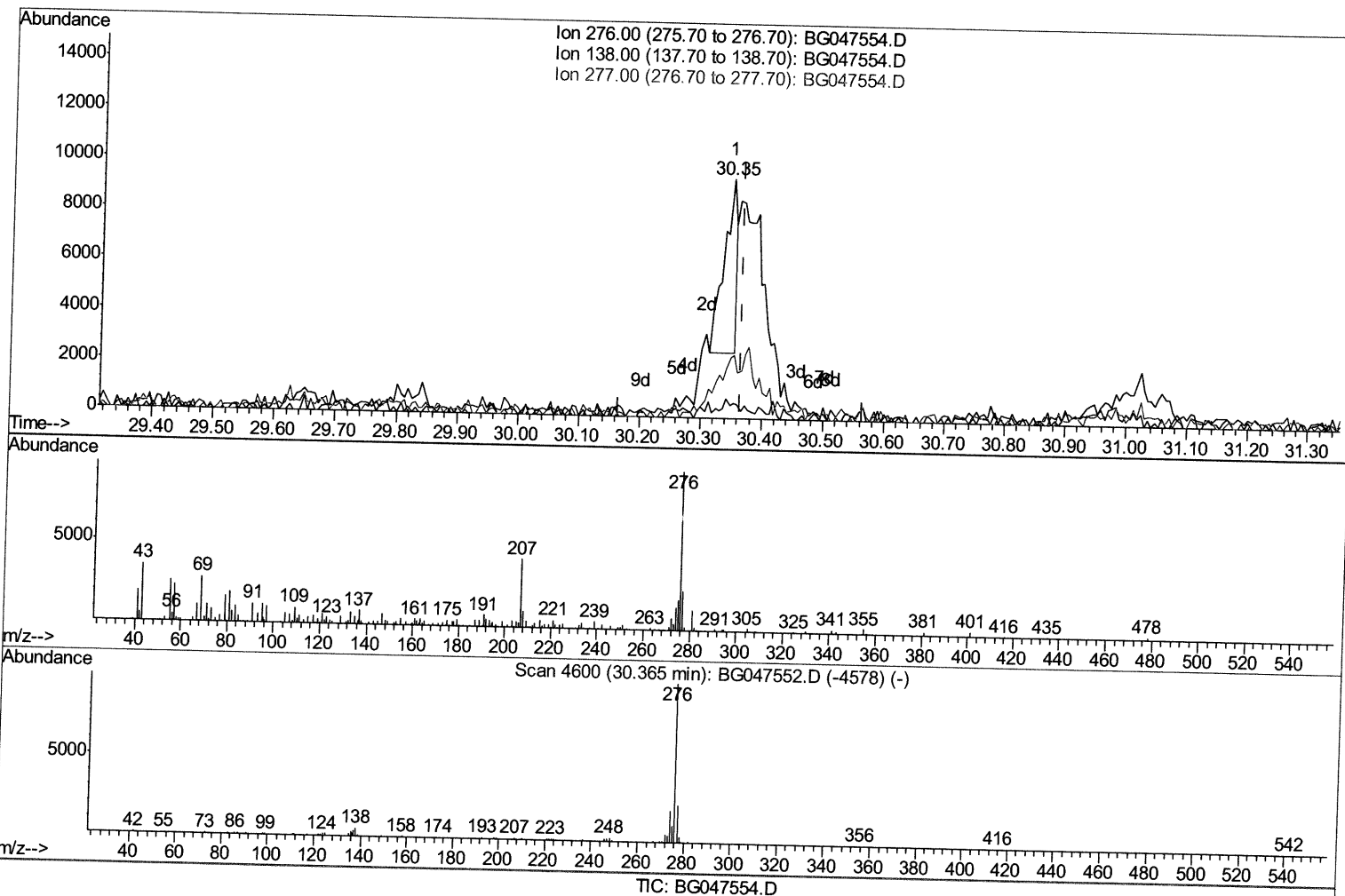
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047554.D
Acq On : 4 Dec 2020 2:10
Operator : CG/JU
Sample : L4855-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z7

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:42:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



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

30.348min (-0.017) 0.74ng/ul

response 10047

Ion	Exp%	Act%
276.00	100	100
138.00	4.50	5.65#
277.00	21.90	25.64
0.00	0.00	0.00

Quantitation Report (Qedit)

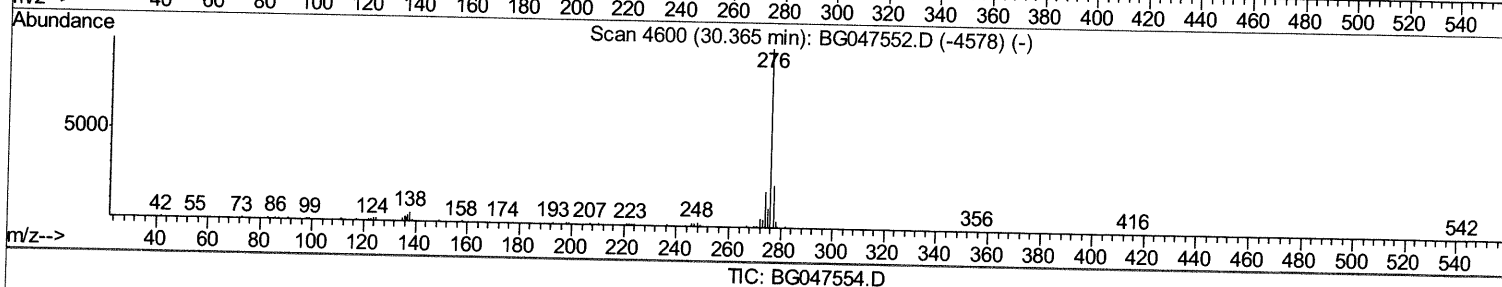
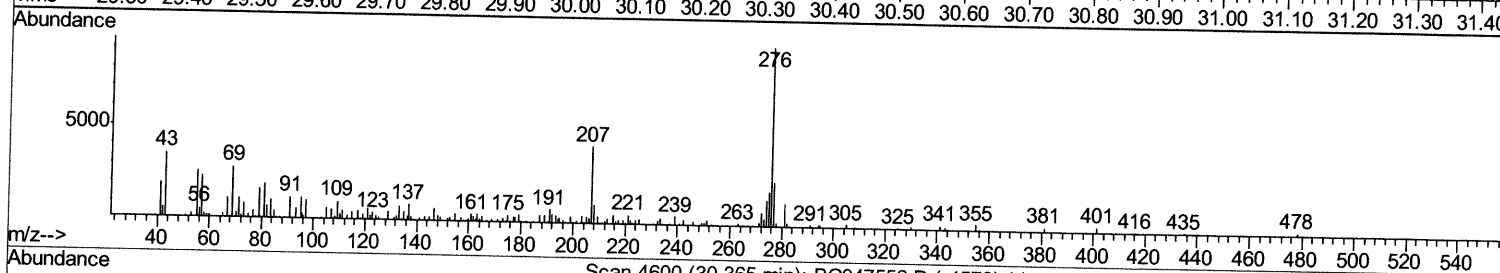
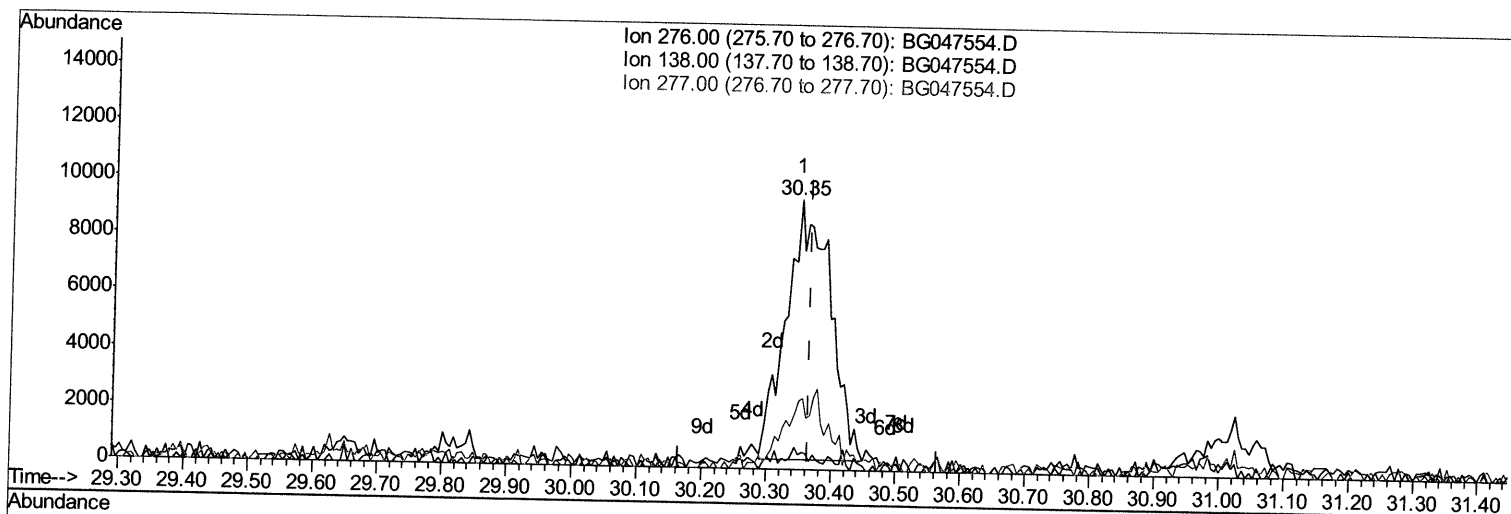
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047554.D
 Acq On : 4 Dec 2020 2:10
 Operator : CG/JU
 Sample : L4855-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z7

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:42:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 02:52:14 2020
 Response via : Initial Calibration



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

30.348min (-0.017) 3.17ng/ul m 12/07/20JU

response 43324

Ion	Exp%	Act%
276.00	100	100
138.00	4.50	3.66
277.00	21.90	25.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047554.D
 Acq On : 4 Dec 2020 2:10
 Operator : CG/JU
 Sample : L4855-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
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Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:31:01 PM

Quant Time: Dec 04 03:47:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 02:52:14 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	35744	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	125631	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	89747	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	204333	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	203036	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	216022	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	6917	7.03	ng/uL	0.01
5) Phenol-d5	7.39	99	138157	38.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	72026	35.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	102255	42.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	101309	36.78	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	48790	47.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	59335	52.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	112413	43.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	53159m >	20.28	ng/ul >	0.00 12/6/20 JU
44) Dimethylphthalate-d6	14.26	166	320733	41.63	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	397088	44.60	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	51148	43.51	ng/ul	0.00
58) Fluorene-d10	15.85	176	307898	43.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	65470	56.29	ng/ul	0.00
71) Anthracene-d10	17.70	188	470597	46.43	ng/ul	0.00
79) Pyrene-d10	19.97	212	512658	43.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	560656	45.09	ng/ul	0.00
Target Compounds						
4) Benzaldehyde	7.37	77	3953	1.867	ng/ul#	73
6) Phenol	7.41	94	5225	1.521	ng/ul#	84
28) Naphthalene	11.13	128	8266	1.162	ng/ul#	95
45) Dimethylphthalate	14.30	163	10921	1.390	ng/ul#	94
70) Phenanthrene	17.64	178	45015	4.080	ng/ul	97
77) Fluoranthene	19.63	202	107970	7.748	ng/ul#	98
80) Pyrene	19.99	202	97265	6.763	ng/ul#	97
83) Benzo(a)anthracene	21.86	228	66845m >	4.627	ng/ul >	12/07/20 JU
84) Bis(2-ethylhexyl)phthalate	21.74	149	44153	6.271	ng/ul#	94
85) Chrysene	21.92	228	66861	4.863	ng/ul	97
88) Benzo(b)fluoranthene	24.18	252	101436	6.651	ng/ul	96
89) Benzo(k)fluoranthene	24.24	252	33918m >	2.257	ng/ul >	12/07/20 JU
91) Benzo(a)pyrene	25.11	252	59595	4.383	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.12	276	43602m	2.636	ng/ul	12/07/20 JU
93) Dibenzo(a,h)anthracene	29.18	278	14004m	1.033	ng/ul	
94) Benzo(a,h,i)perylene	30.35	276	43324m	3.175	ng/ul	

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