

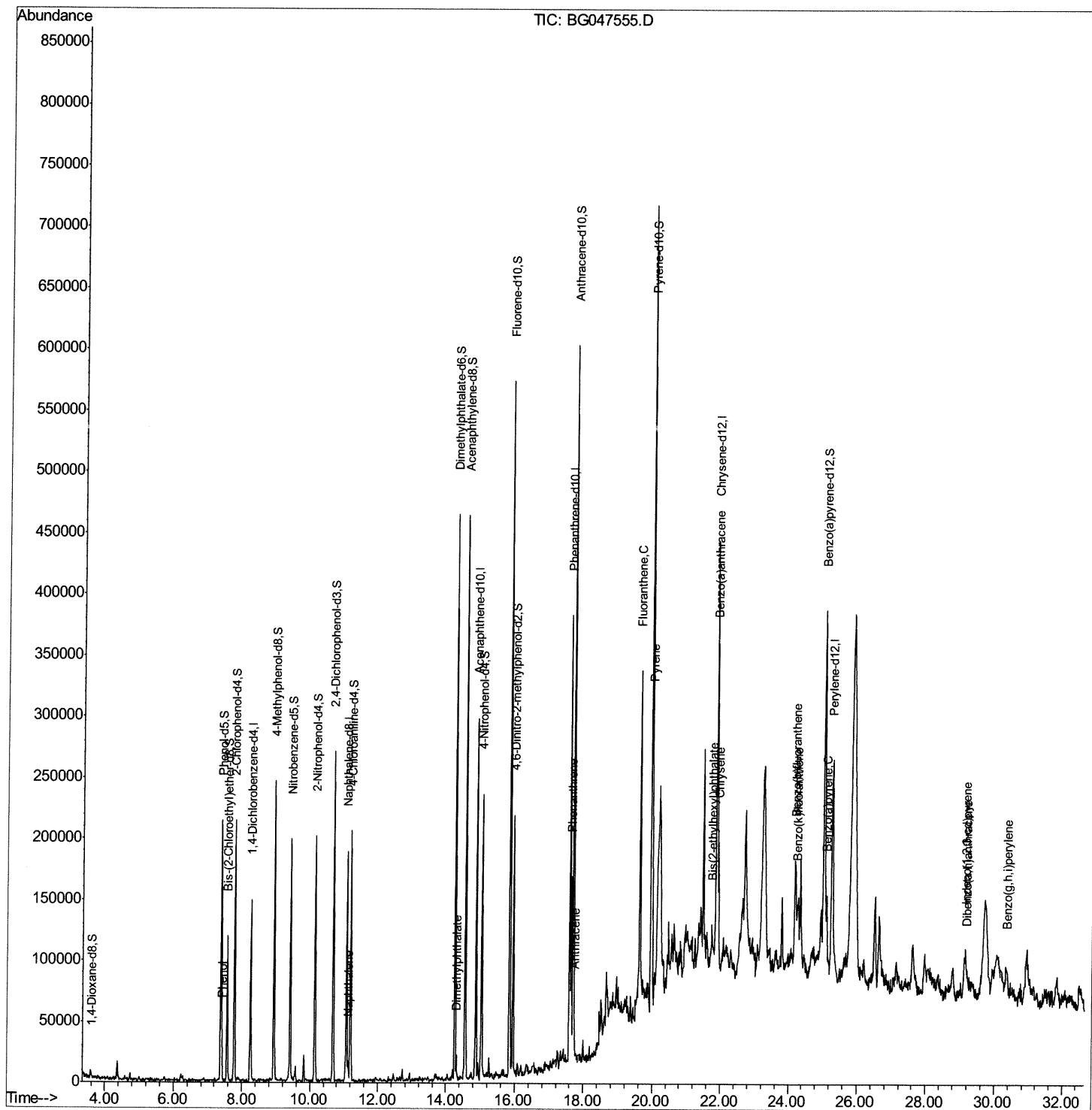
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:58:00 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



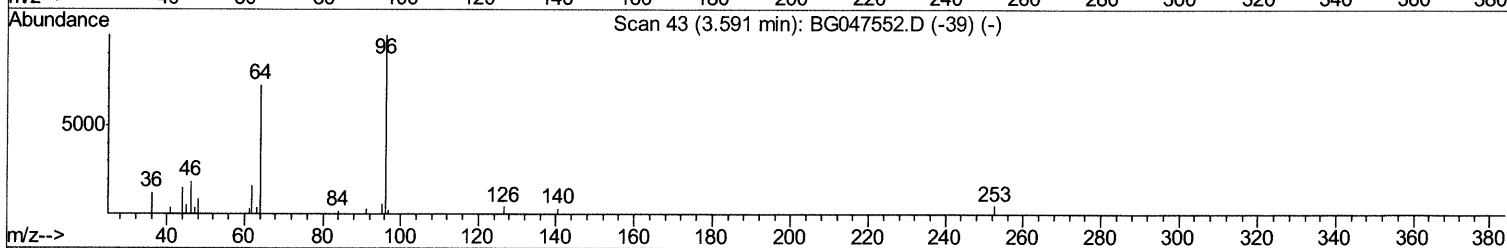
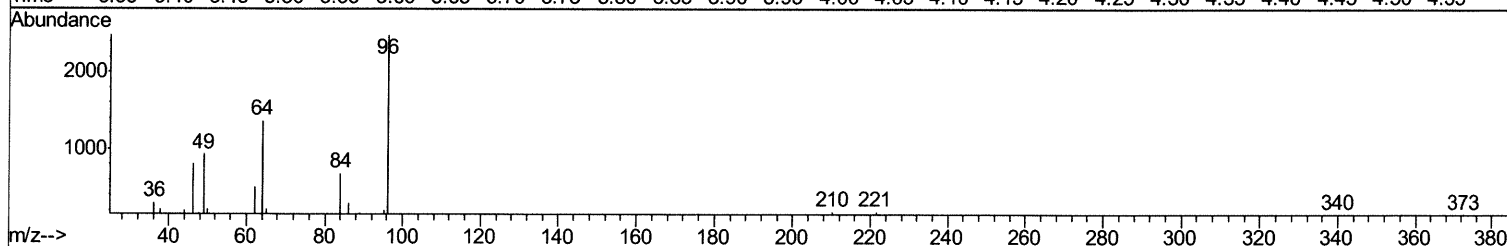
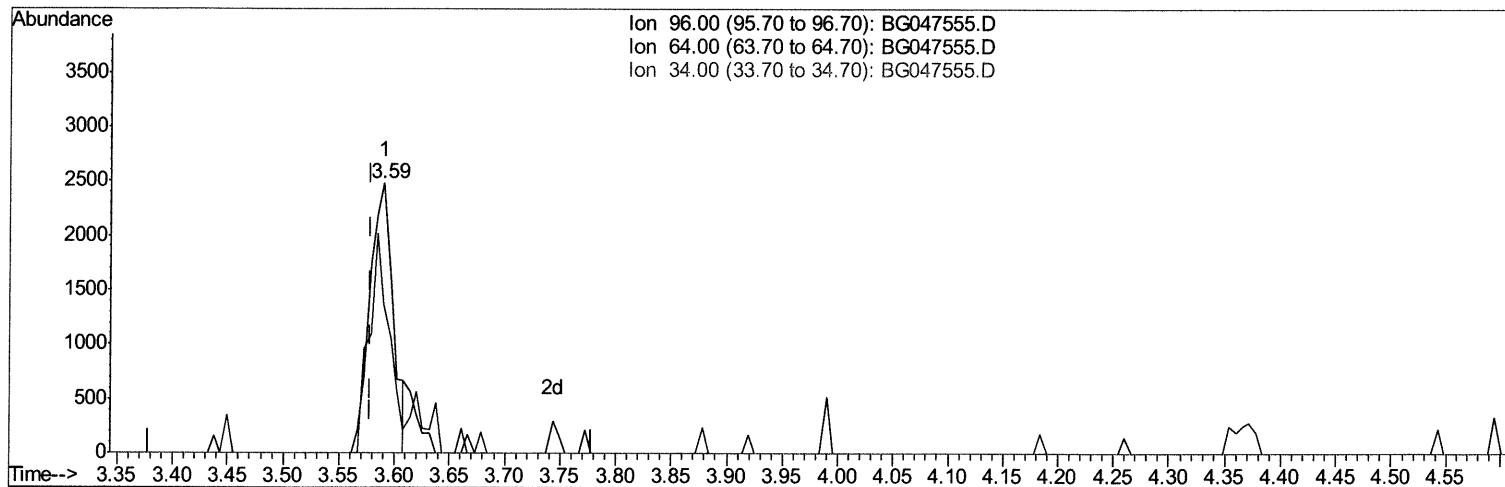
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
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Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:50:17 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: BG047555.D

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

3.590min (+0.011) 3.68ng/uL

response 3610

Ion	Exp%	Act%
96.00	100	100
64.00	62.70	55.00
34.00	0.00	0.00
0.00	0.00	0.00

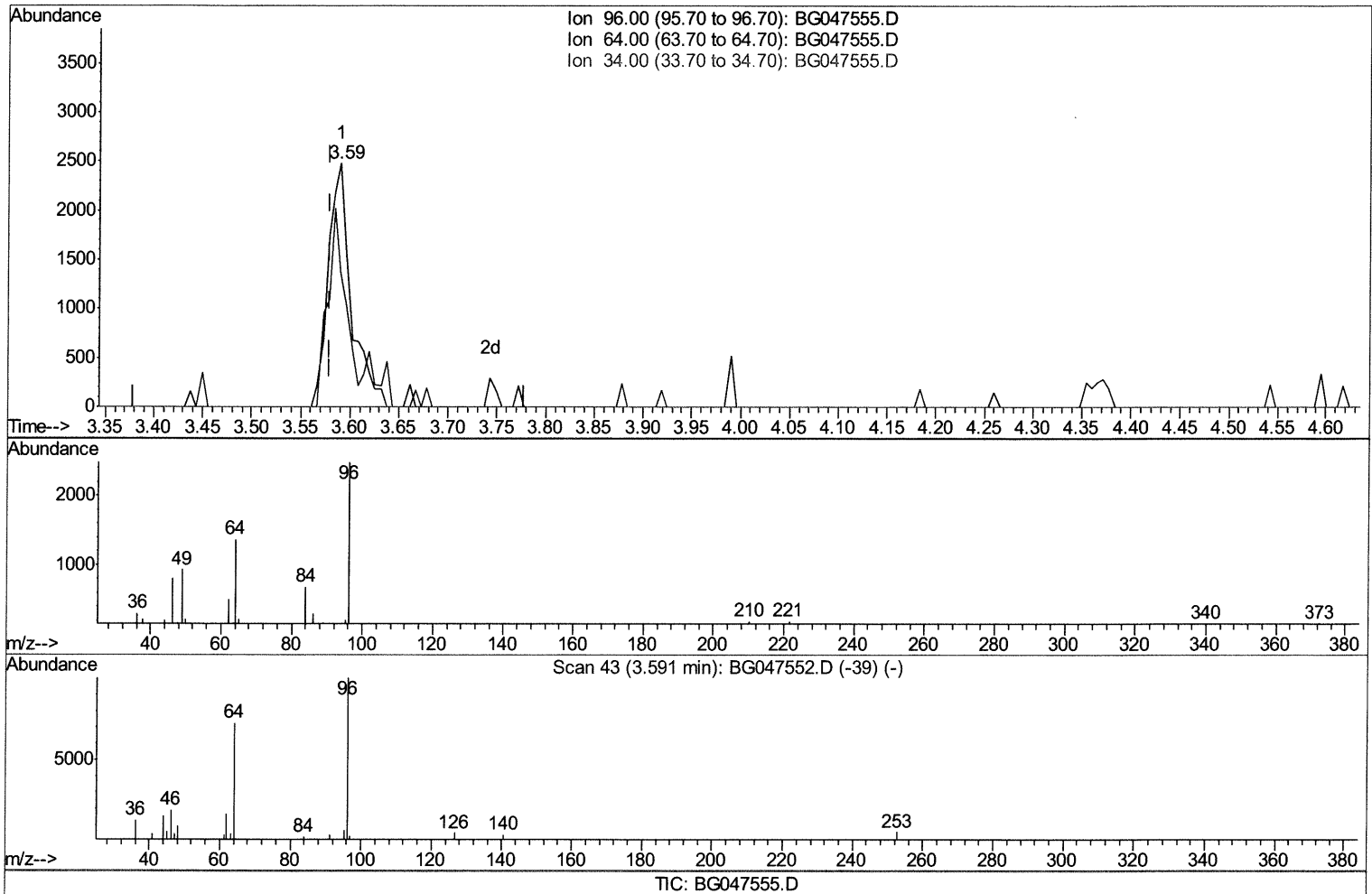
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:50:17 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



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

3.590min (+0.011) 4.14ng/uL m 12/07/20 JU

response 4060

Ion	Exp%	Act%
96.00	100	100
64.00	62.70	55.00
34.00	0.00	0.00
0.00	0.00	0.00

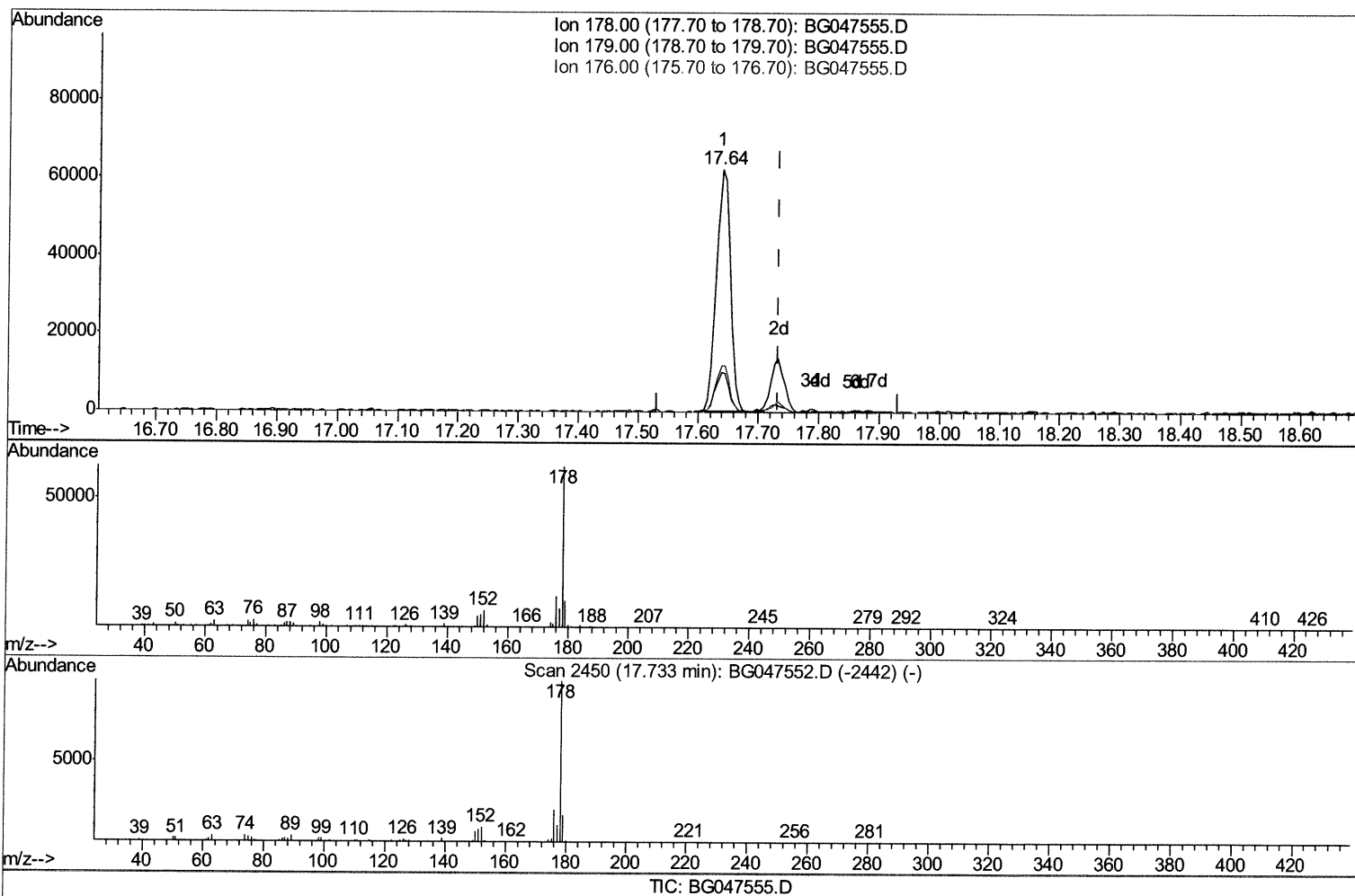
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Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:53:25 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



(72) Anthracene

17.639min (-0.094) 8.17ng/ul

response 100174

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.35
176.00	19.10	19.19
0.00	0.00	0.00

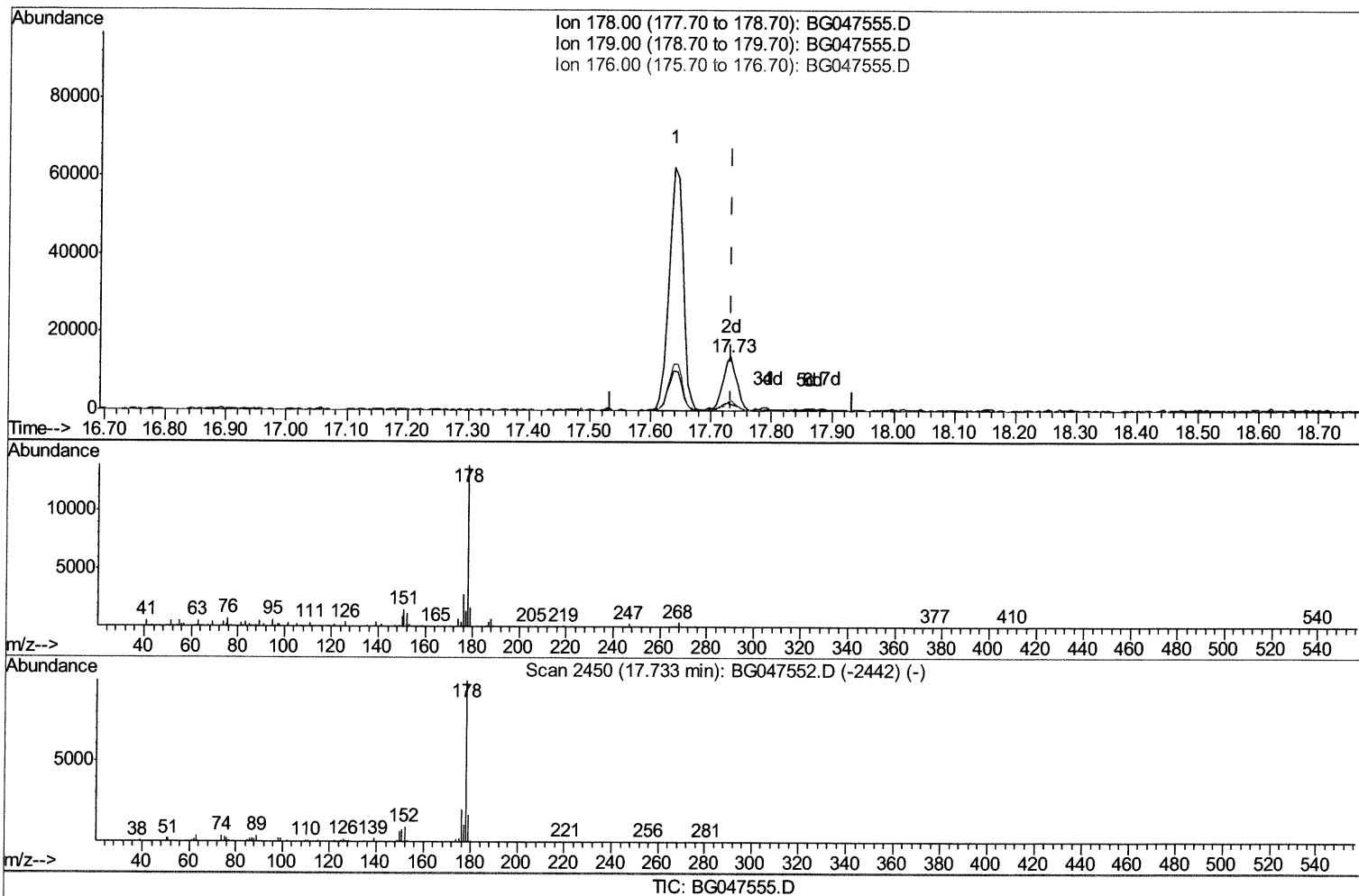
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Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
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Manual Integrations
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Response via : Initial Calibration



(72) Anthracene

17.733min (-0.000) 1.80ng/ul m 12/07/2020

response 22016

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	12.37#
176.00	19.10	20.63
0.00	0.00	0.00

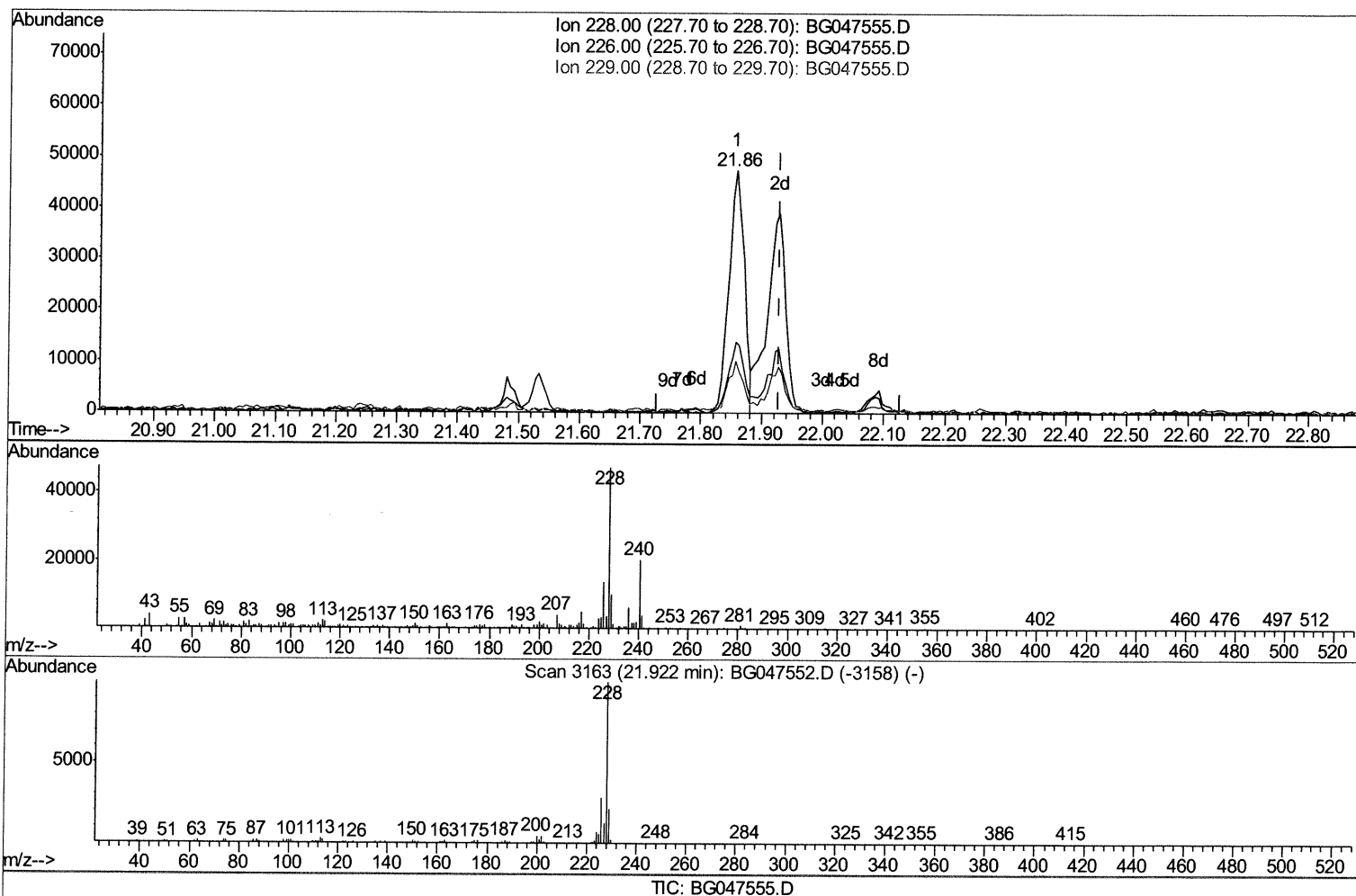
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
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Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Response via : Initial Calibration



(85) Chrysene

21.857min (-0.071) 6.29ng/ul

response 83768

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	29.03
229.00	19.40	21.46
0.00	0.00	0.00

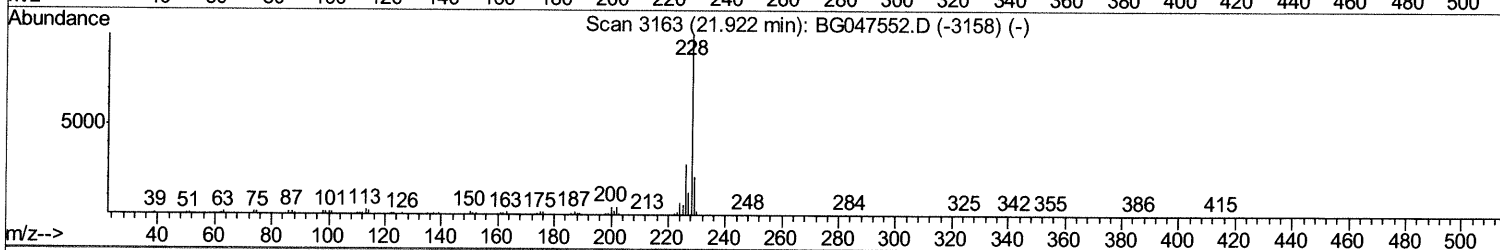
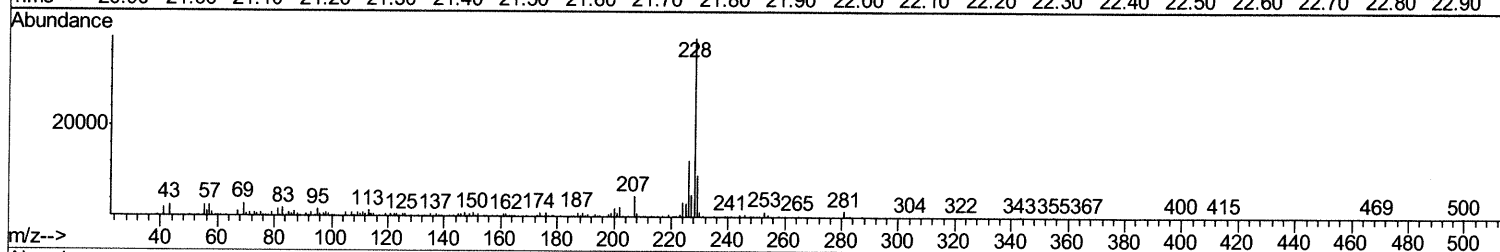
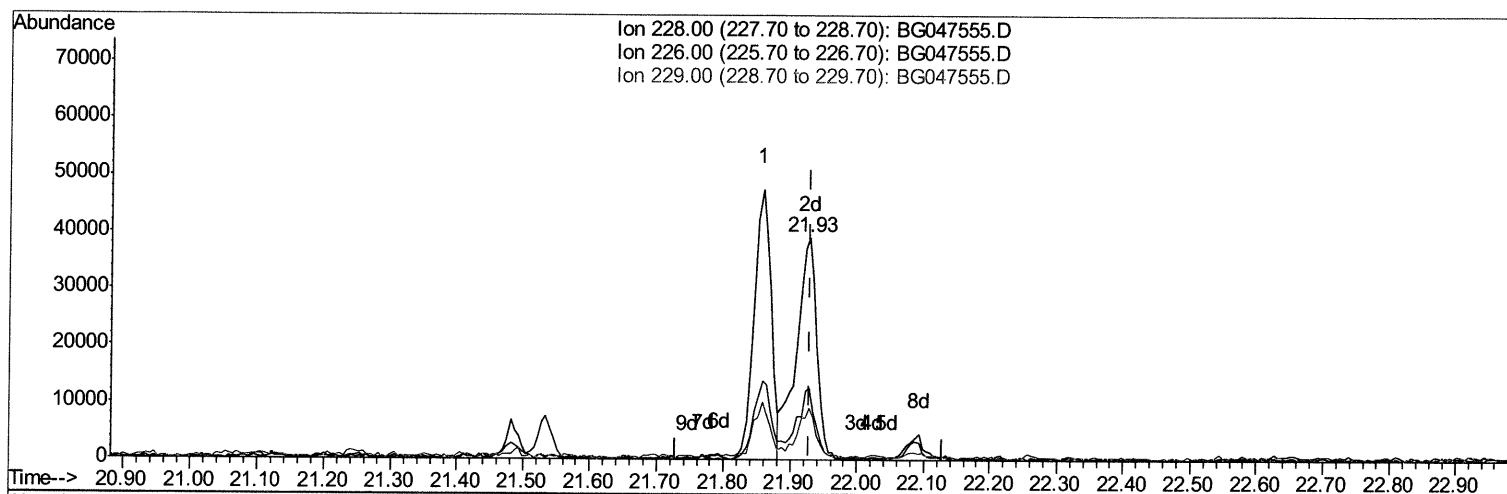
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:53:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



TIC: BG047555.D

(85) Chrysene

21.928min (-0.000) 6.32ng/ul m 12/07/20 JU

response 84129

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	32.11
229.00	19.40	23.33#
0.00	0.00	0.00

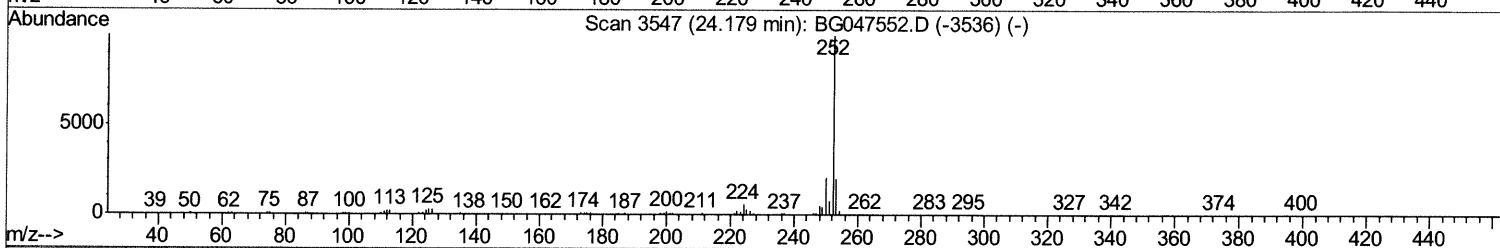
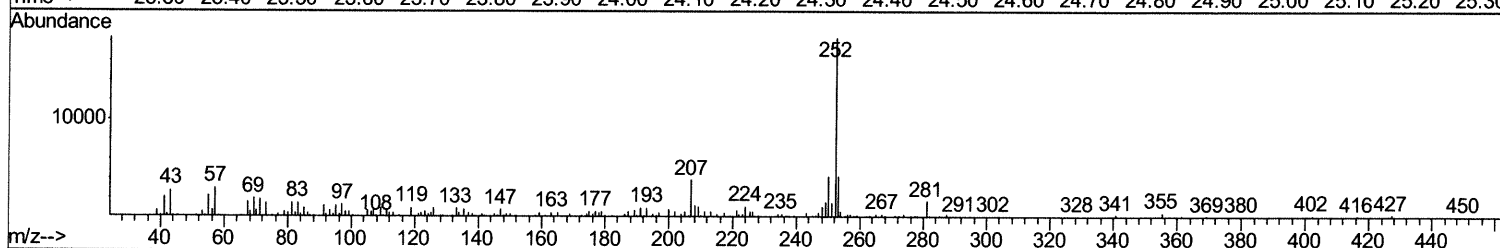
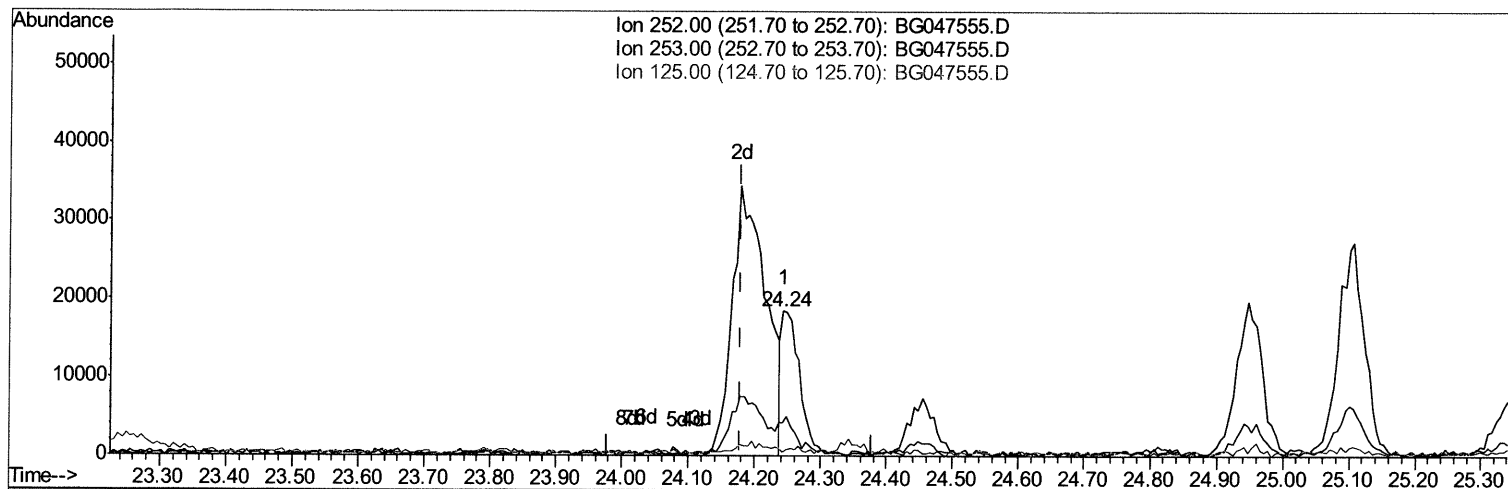
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:53:25 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: BG047555.D

(88) Benzo(b)fluoranthene

24.243min (+0.064) 2.37ng/ul

response 35154

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.28
125.00	3.00	2.92
0.00	0.00	0.00

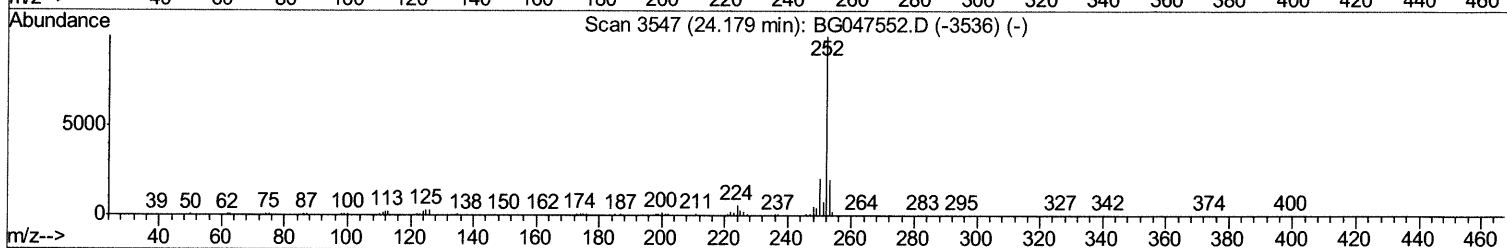
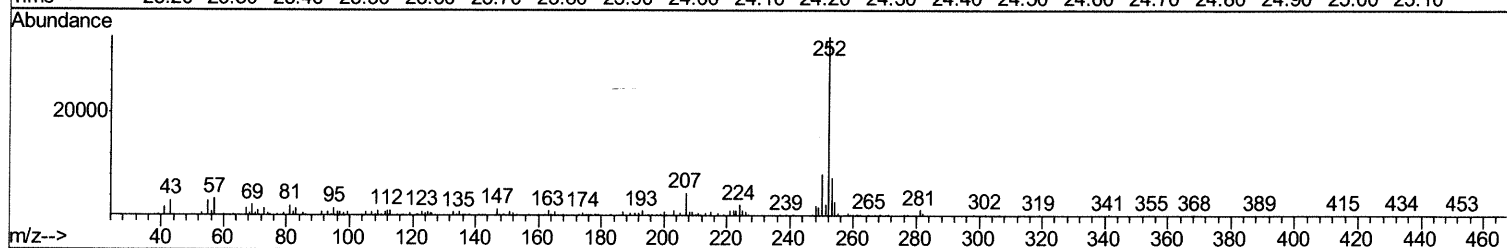
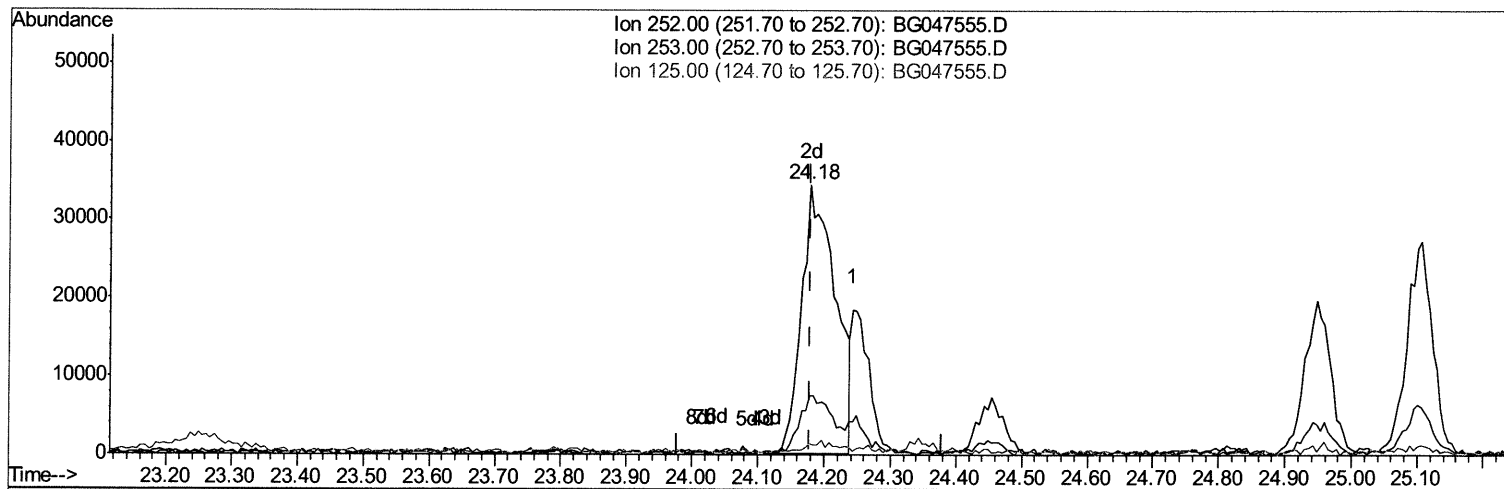
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:53:25 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: BG047555.D

(88) Benzo(b)fluoranthene

24.178min (-0.000) 8.13ng/ul m 12/6/2024

response 120309

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	21.71
125.00	3.00	2.61
0.00	0.00	0.00

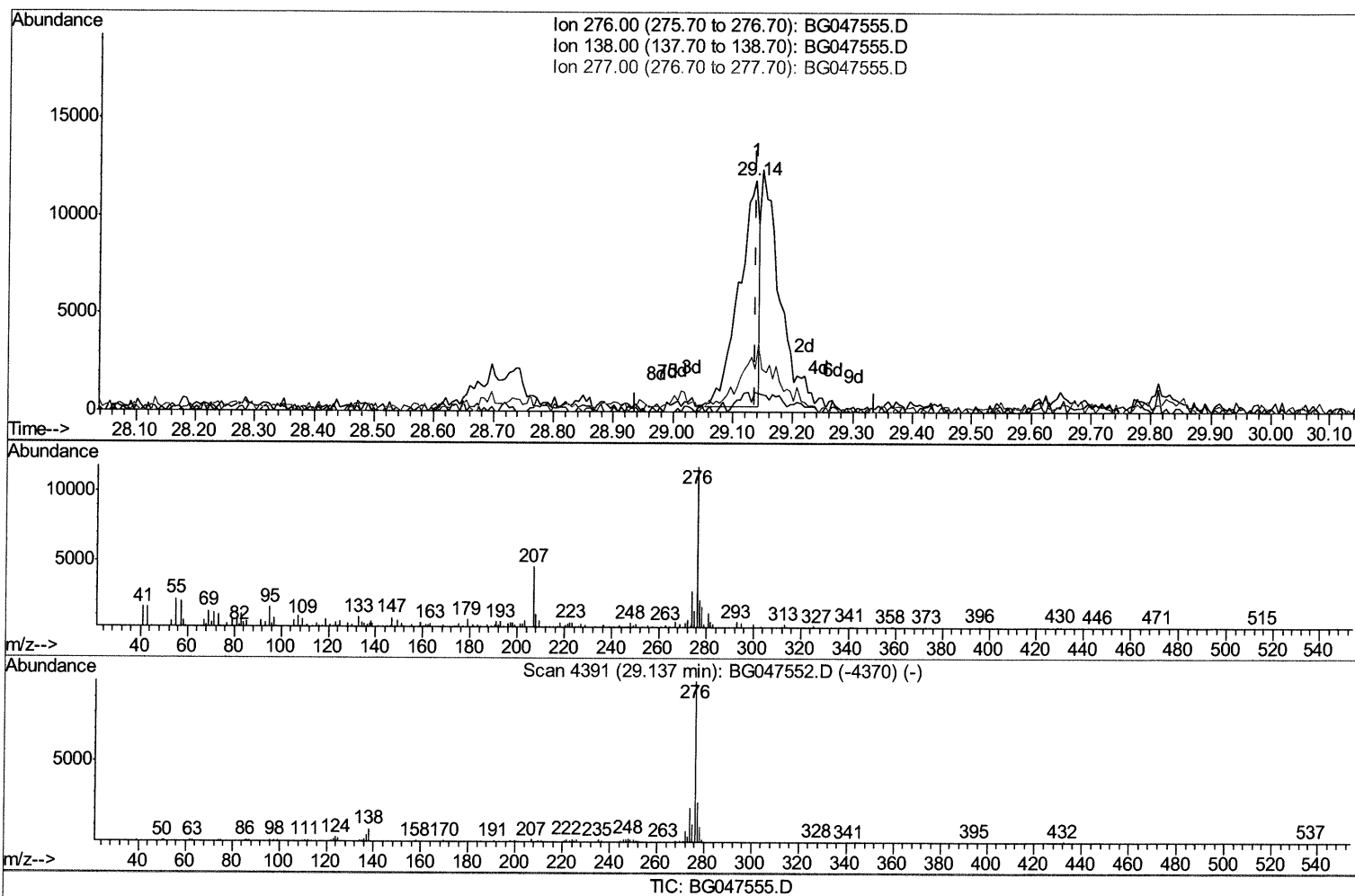
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:53:25 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

29.137min (-0.000) 1.71ng/ul

response 27468

Ion	Exp%	Act%
276.00	100	100
138.00	4.60	8.42#
277.00	22.80	18.36
0.00	0.00	0.00

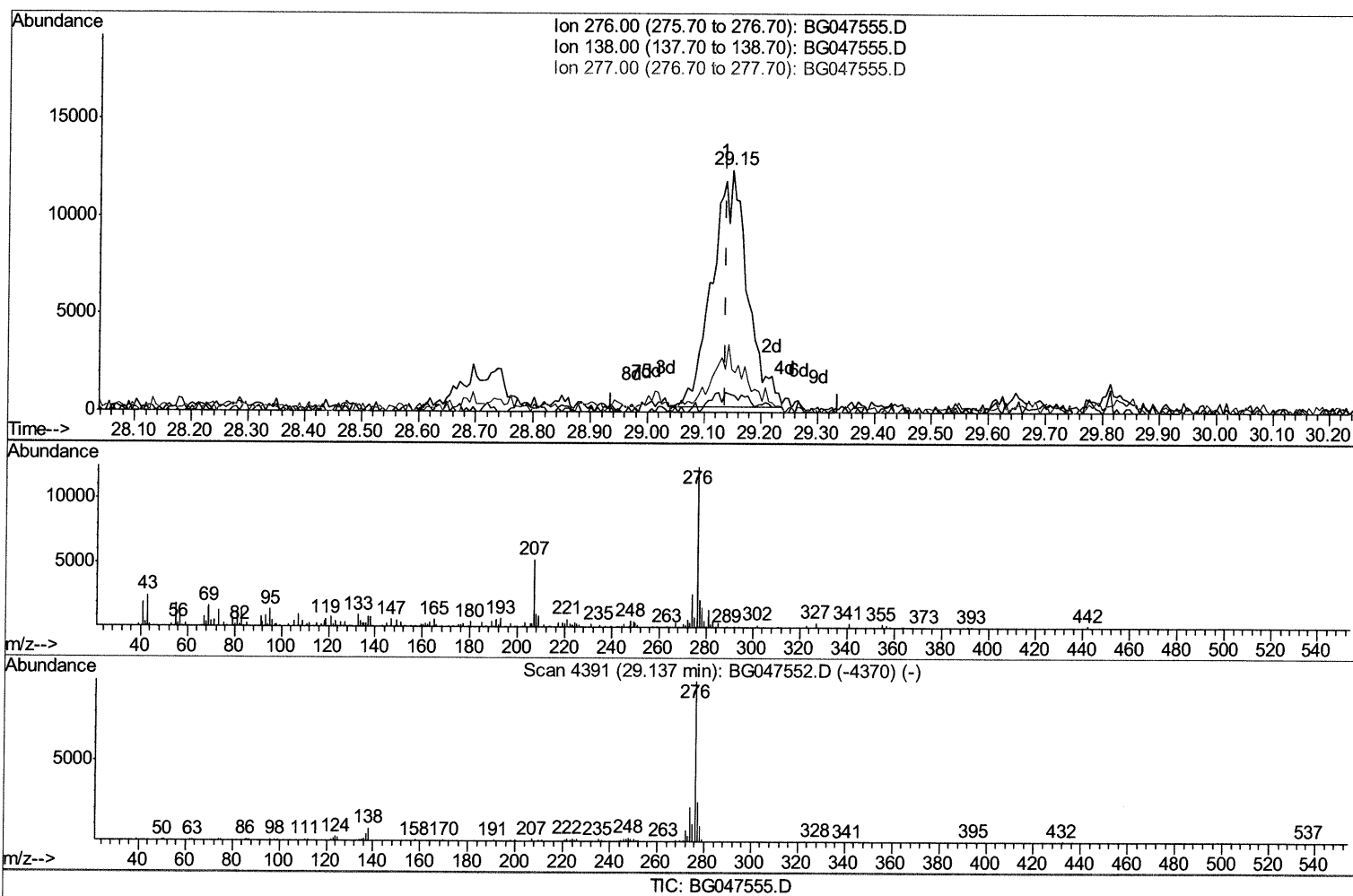
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:53:25 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

29.149min (+0.011) 3.29ng/ul m 12/07/20 54

response 52873

Ion	Exp%	Act%
276.00	100	100
138.00	4.60	7.50#
277.00	22.80	17.84#
0.00	0.00	0.00

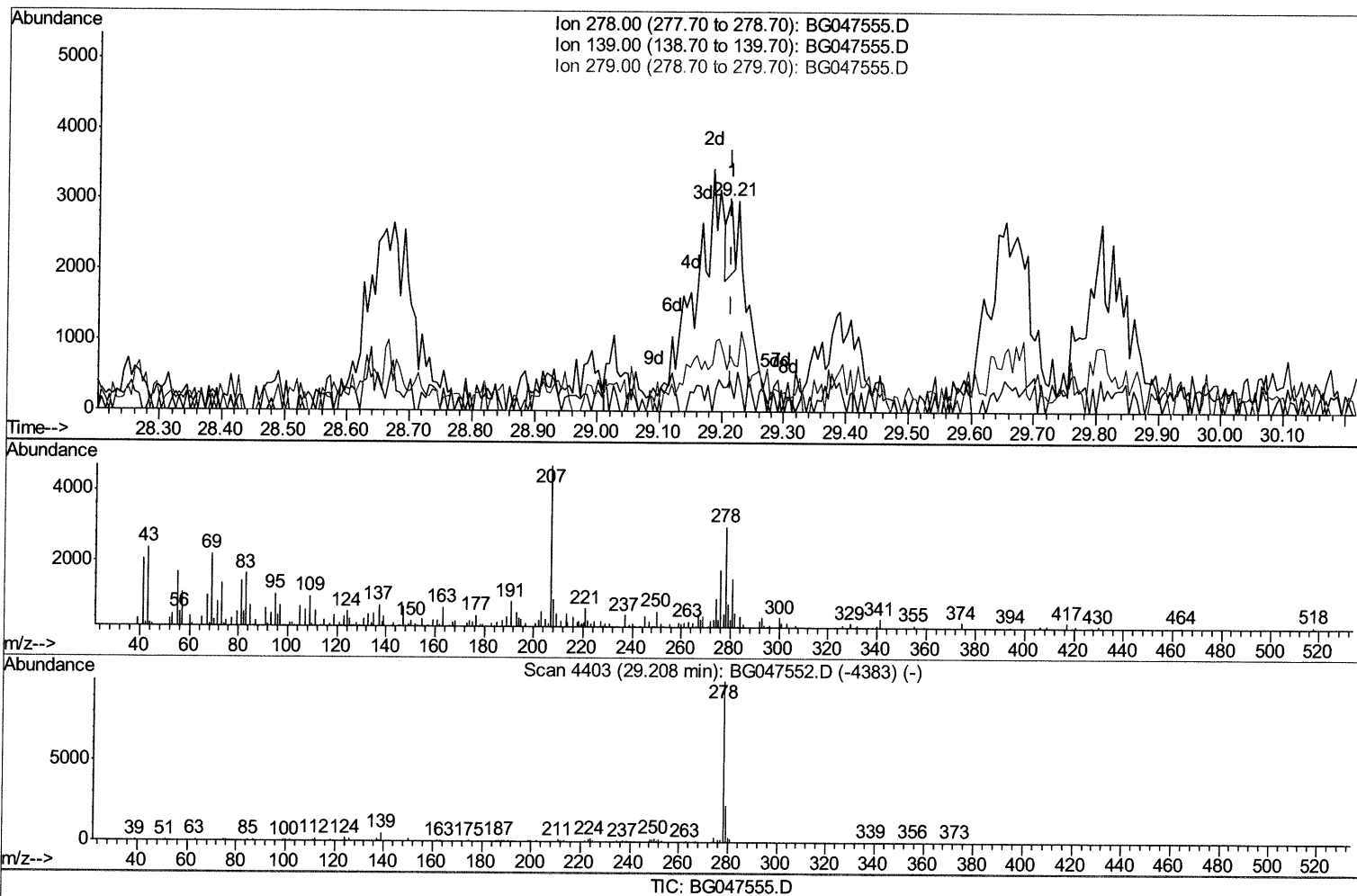
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Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:53:25 2020
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QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

29.213min (-0.000) 0.05ng/ul

response 716

Ion	Exp%	Act%
278.00	100	100
139.00	4.20	14.86#
279.00	22.50	26.44
0.00	0.00	0.00

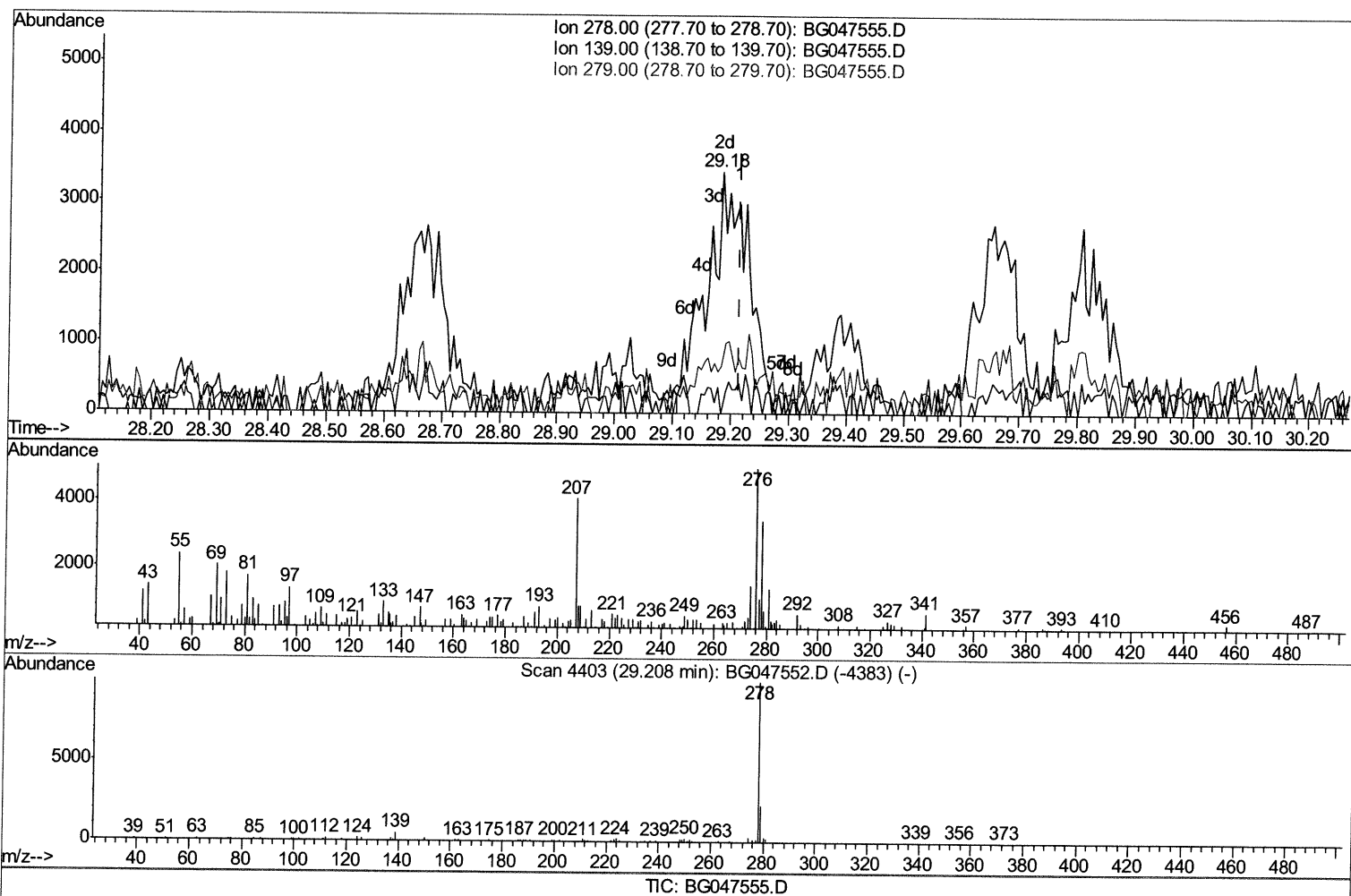
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Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z6

Manual Integrations
APPROVED

mohammad
12/4/2020 4:31:04 PM

Quant Time: Dec 04 03:53:25 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



(93) Dibenzo(a,h)anthracene

29.184min (-0.030) 1.29ng/ul m 12/6/2020 Su

response 16972

Ion	Exp%	Act%
278.00	100	100
139.00	4.20	0.00#
279.00	22.50	19.59
0.00	0.00	0.00

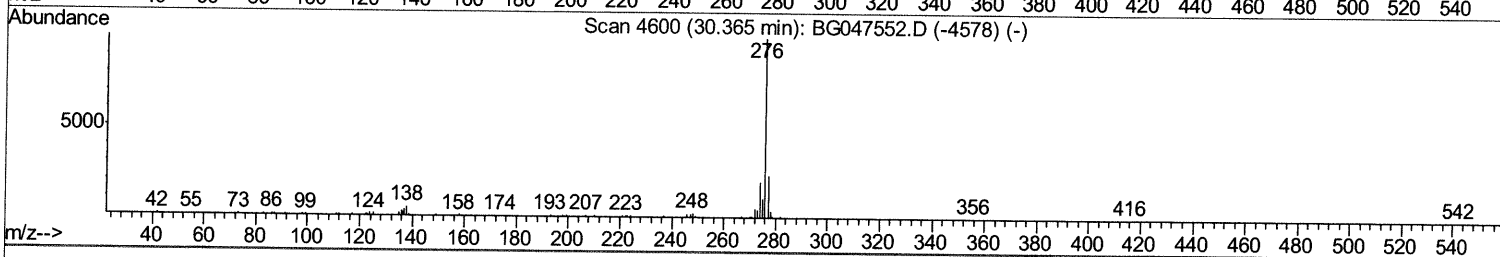
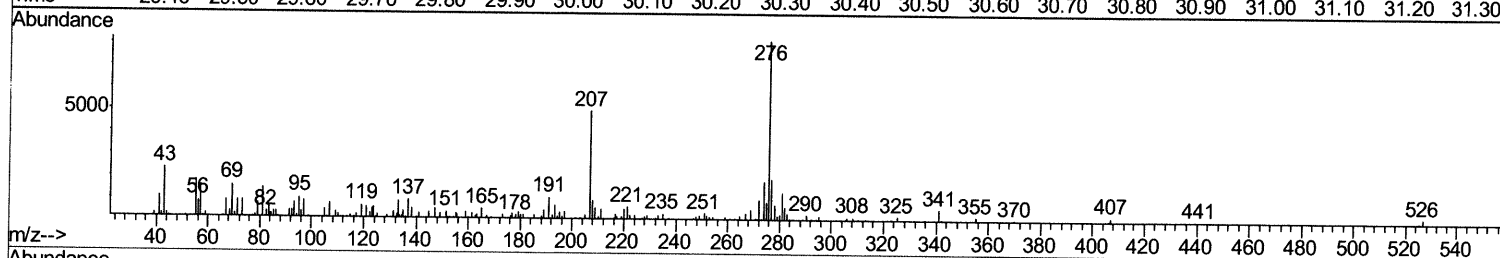
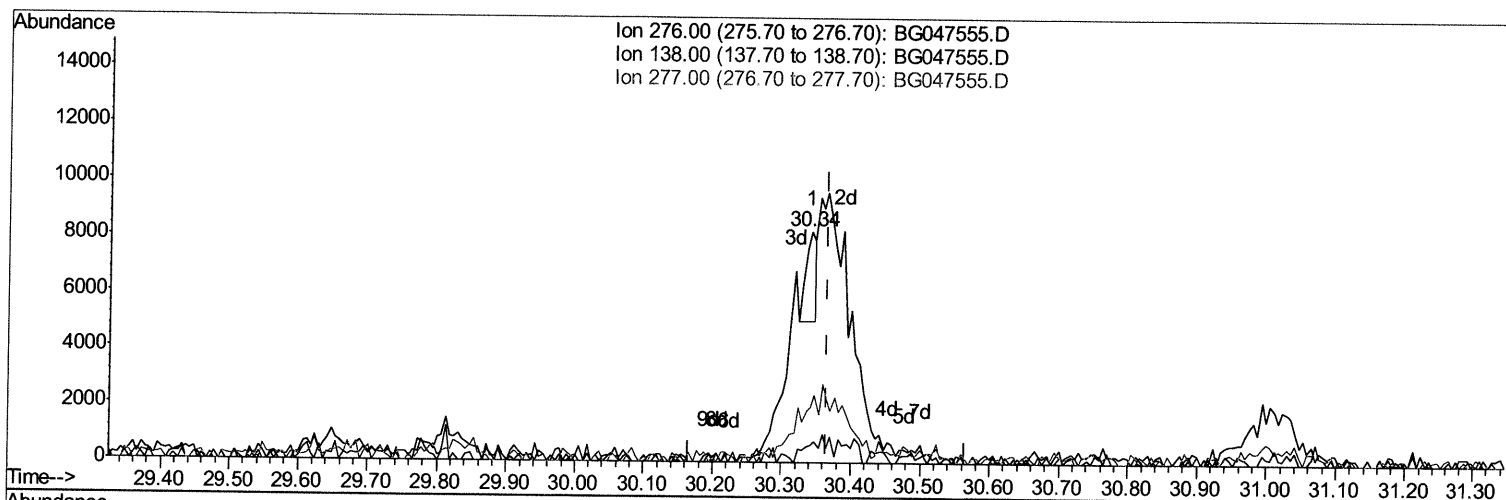
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Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Dec 04 03:53:25 2020
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Response via : Initial Calibration



TIC: BG047555.D

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

30.341min (-0.024) 0.26ng/ul

response 3509

Ion	Exp%	Act%
276.00	100	100
138.00	4.50	7.24#
277.00	21.90	23.96
0.00	0.00	0.00

Quantitation Report (Qedit)

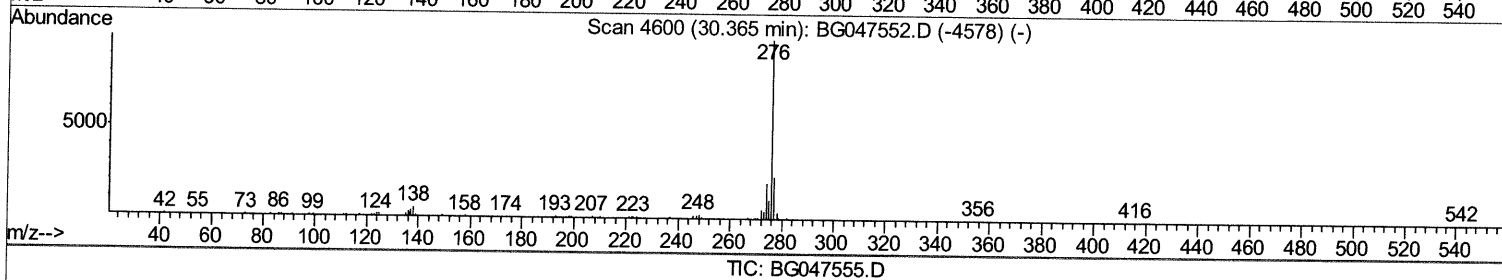
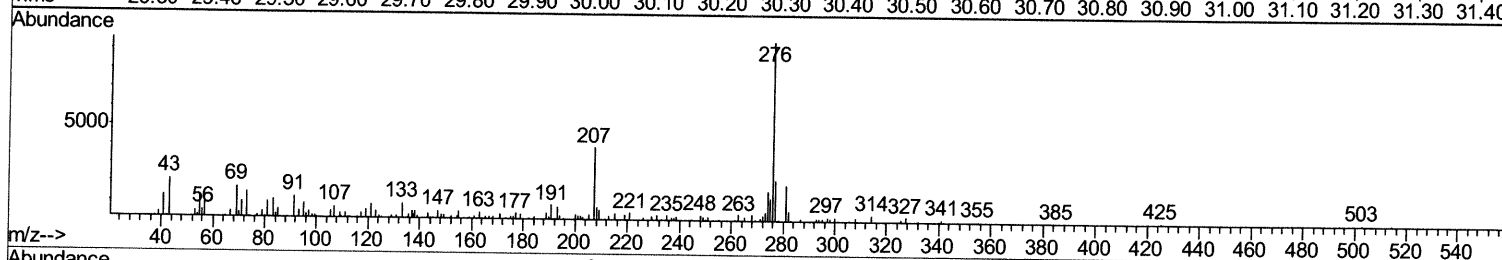
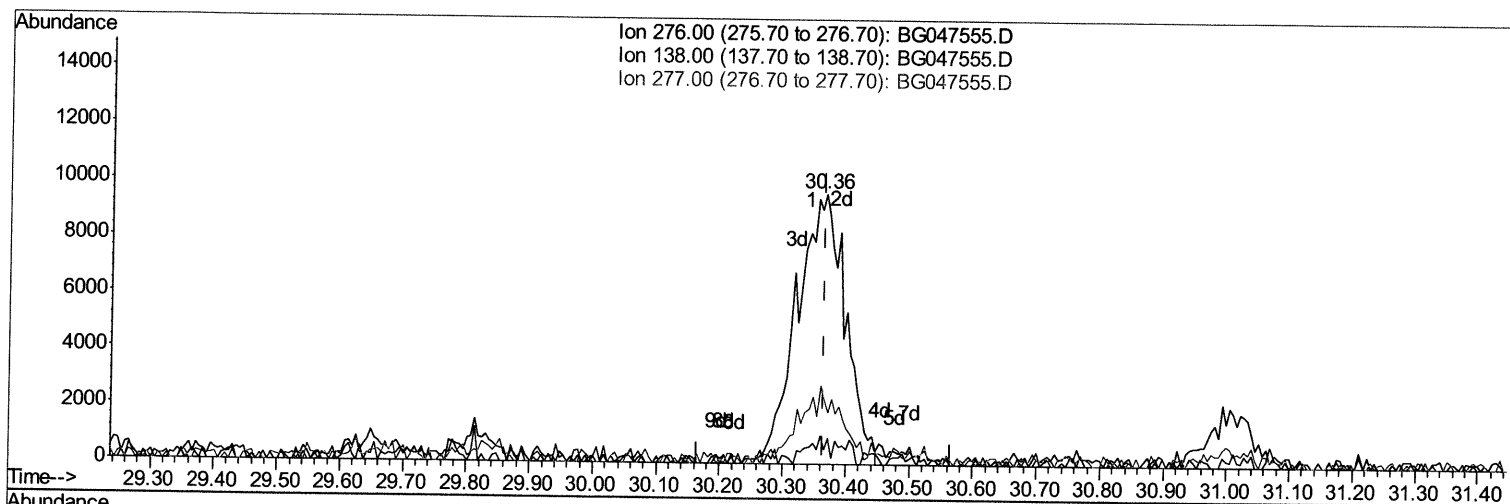
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Data File : BG047555.D
Acq On : 4 Dec 2020 2:51
Operator : CG/JU
Sample : L4855-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
CB7Z6

Manual Integrations
APPROVED

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



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

30.365min (-0.000) 3.84ng/ul m 12/07/20 JU

response 50901

Ion	Exp%	Act%
276.00	100	100
138.00	4.50	5.36
277.00	21.90	23.65
0.00	0.00	0.00

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Manual Integrations
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 02:52:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	35637	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	140313	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	99784	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	225415	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	196689	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	209655	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4060m >	4.14	ng/uL >	0.01 12/07/20 JU
5) Phenol-d5	7.39	99	97618	27.31	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.56	67	52254	25.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	77499	32.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	80792	29.42	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	37823	32.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	44768	35.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	91914	31.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	94736	32.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	264436	30.87	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	325436	32.87	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	37727	28.87	ng/ul	0.00
58) Fluorene-d10	15.85	176	245537	31.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	47084	36.70	ng/ul	0.00
71) Anthracene-d10	17.70	188	347933	31.11	ng/ul	0.00
79) Pyrene-d10	19.97	212	357265	31.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	381109	31.58	ng/ul	0.00
Target Compounds						
6) Phenol	7.42	94	3596	1.050	ng/ul#	90
28) Naphthalene	11.12	128	11882	1.495	ng/ul	97
45) Dimethylphthalate	14.30	163	9342	1.069	ng/ul	97
70) Phenanthrene	17.64	178	100235	8.234	ng/ul	98
72) Anthracene	17.73	178	22016m >	1.796	ng/ul >	12/07/20 JU
77) Fluoranthene	19.63	202	164263	10.685	ng/ul	99
80) Pyrene	19.99	202	134063	9.622	ng/ul#	98
83) Benzo(a)anthracene	21.86	228	83768	5.986	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.74	149	7309	1.072	ng/ul#	90
85) Chrysene	21.93	228	84129m }	6.317	ng/ul }	12/07/20 JU
88) Benzo(b)fluoranthene	24.18	252	120309m }	8.127	ng/ul }	
89) Benzo(k)fluoranthene	24.24	252	35154	2.410	ng/ul	99
91) Benzo(a)pyrene	25.11	252	71956	5.453	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.15	276	52873m }	3.294	ng/ul }	12/07/20 JU
93) Dibenzo(a,h)anthracene	29.18	278	16972m }	1.290	ng/ul }	
94) Benzo(a,h,i)perylene	30.36	276	50901m }	3.843	ng/ul }	

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