

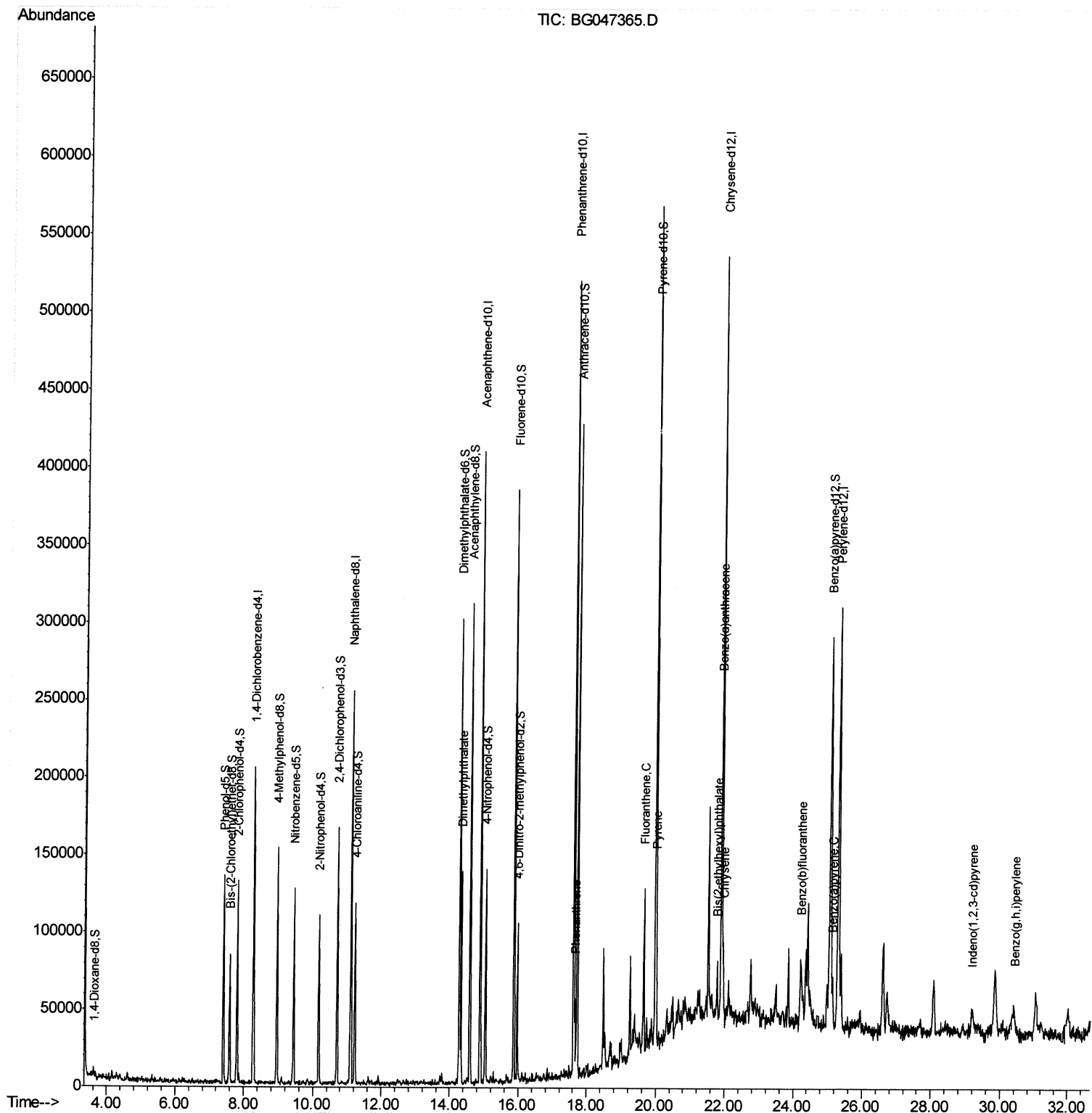
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047365.D
Acq On : 19 Nov 2020 23:25
Operator : CG/JU
Sample : L4710-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AY7

Quant Time: Nov 20 05:26:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
11/23/2020 1:28:56 PM



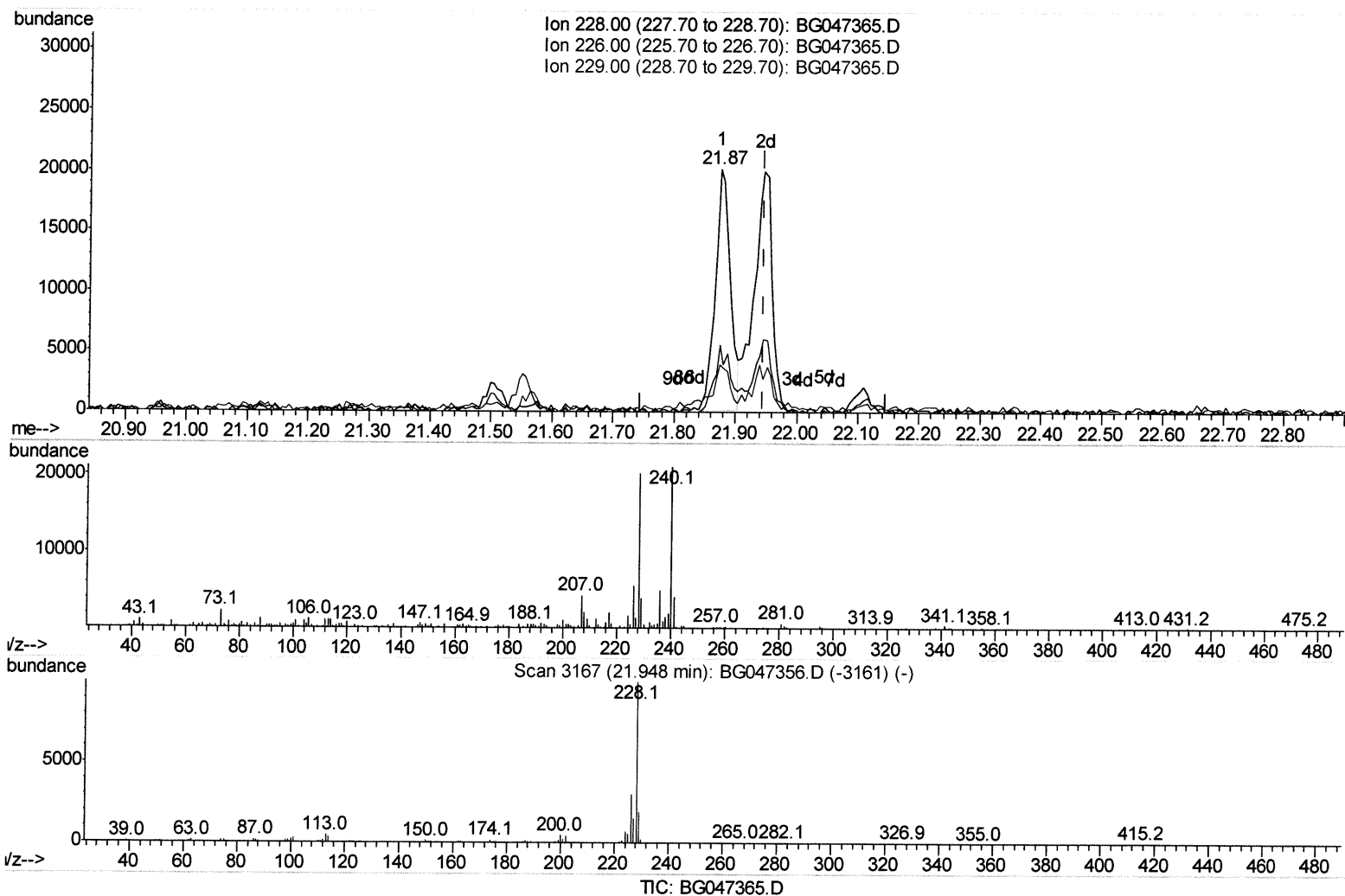
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047365.D
 Acq On : 19 Nov 2020 23:25
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY7

Quant Time: Nov 20 05:20:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:56 PM



(85) Chrysene

21.875min (-0.071) 1.65ng/ul

response 34367

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	27.70
229.00	20.40	19.71
0.00	0.00	0.00

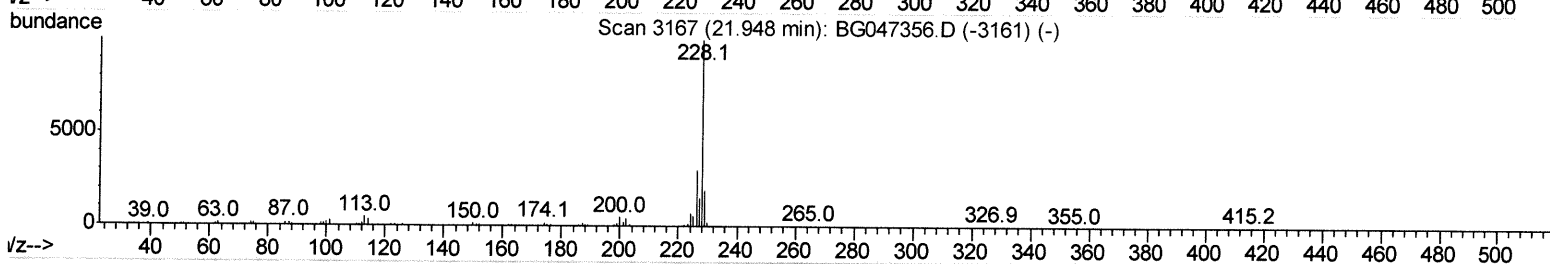
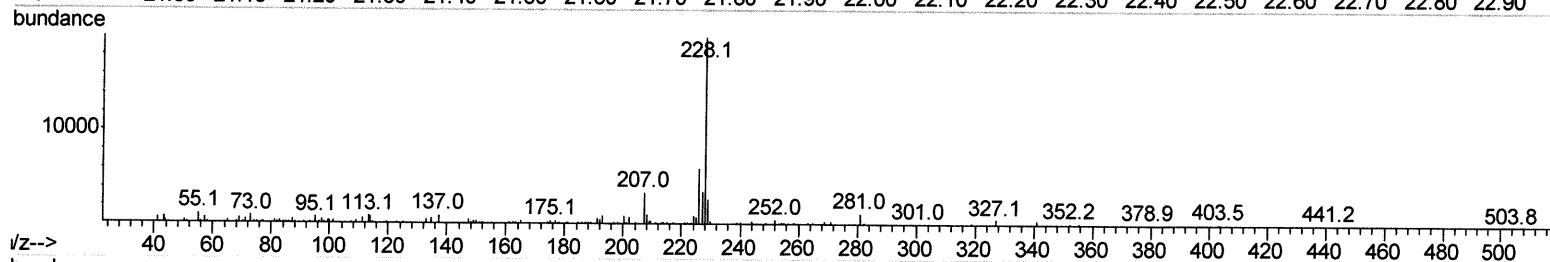
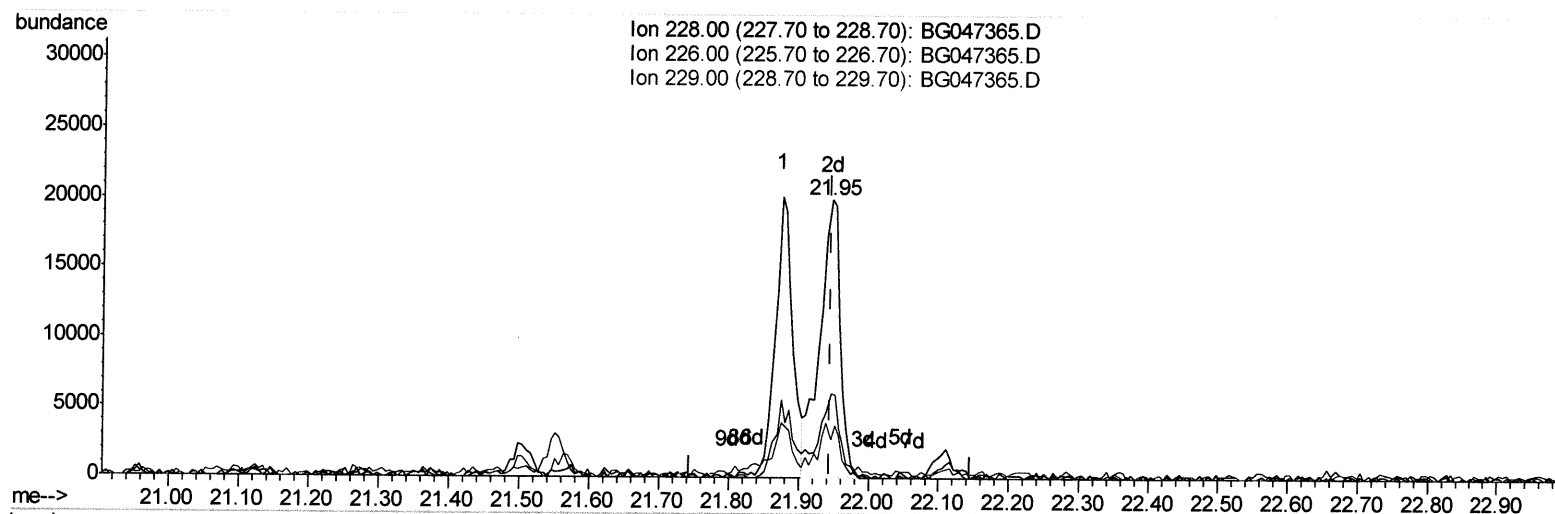
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047365.D
 Acq On : 19 Nov 2020 23:25
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY7

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:56 PM

Quant Time: Nov 20 05:20:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration



TIC: BG047365.D

(85) Chrysene

21.945min (-0.001) 1.95ng/ul m

response 40772

JU 11/24/20

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	30.26
229.00	20.40	13.99#
0.00	0.00	0.00

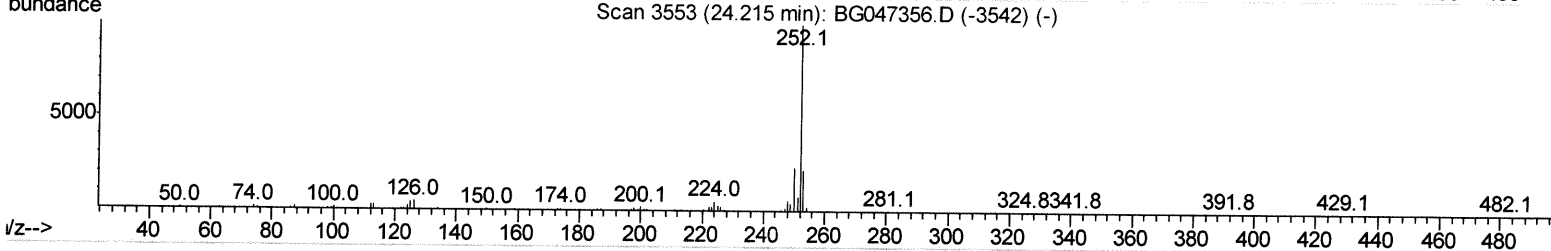
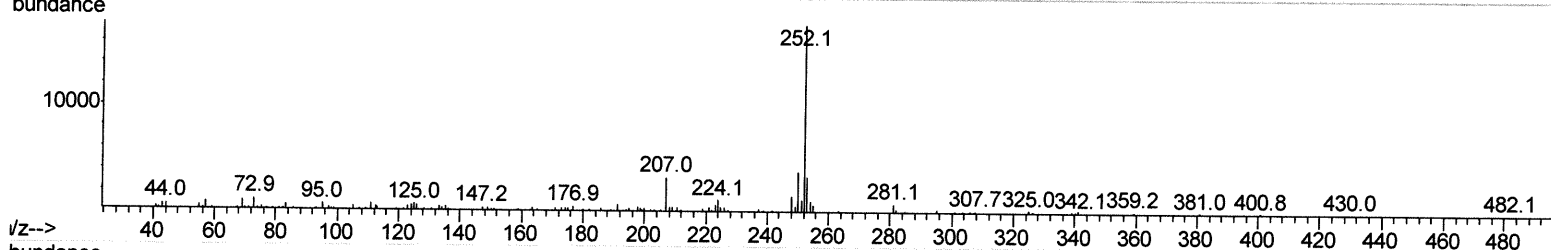
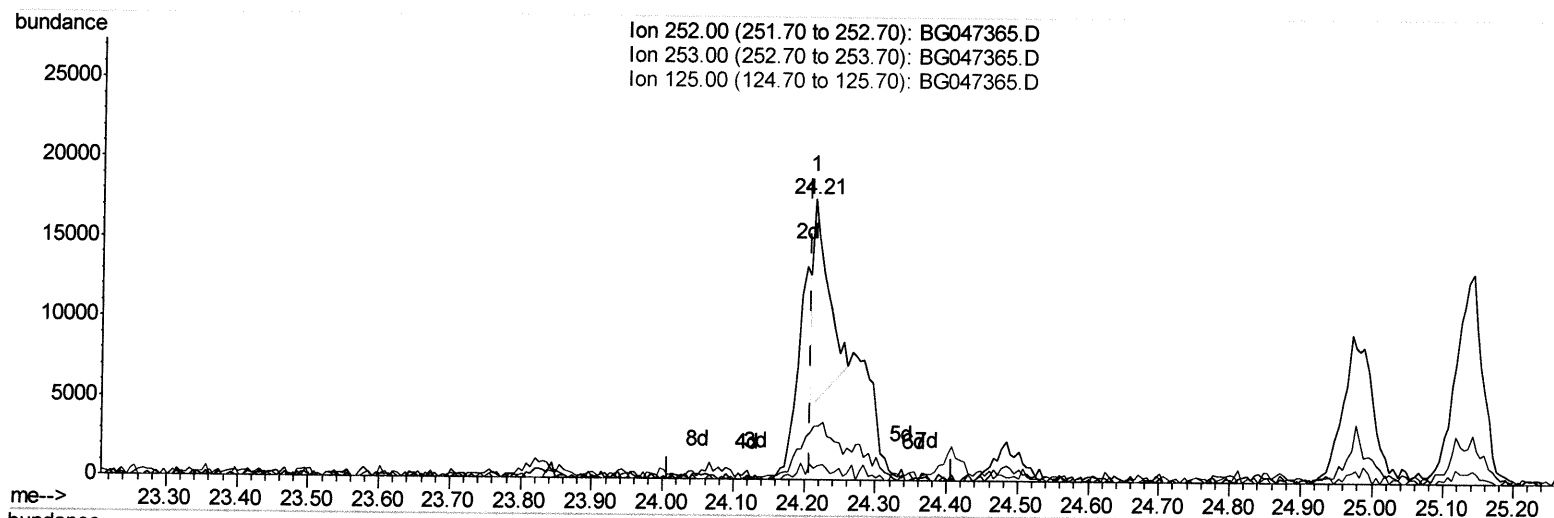
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047365.D
 Acq On : 19 Nov 2020 23:25
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY7

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:56 PM

Quant Time: Nov 20 05:20:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration



TIC: BG047365.D

(88) Benzo(b)fluoranthene

24.213min (+0.005) 0.76ng/ul

response 17334

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	19.19
125.00	3.10	4.00#
0.00	0.00	0.00

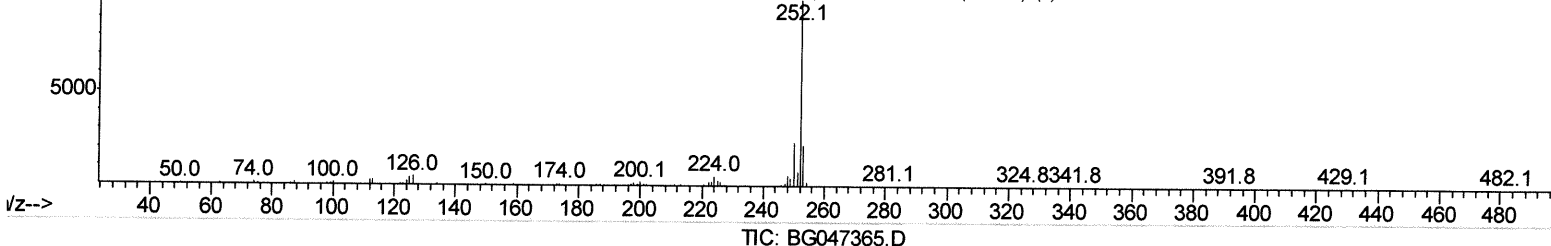
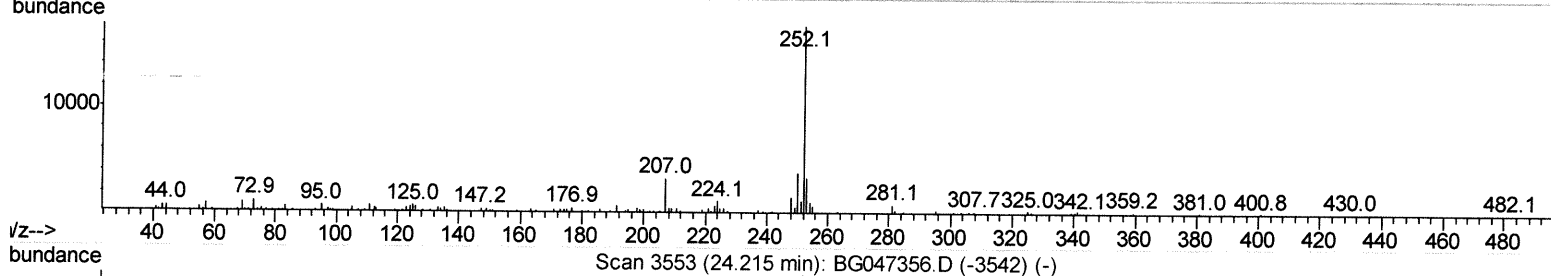
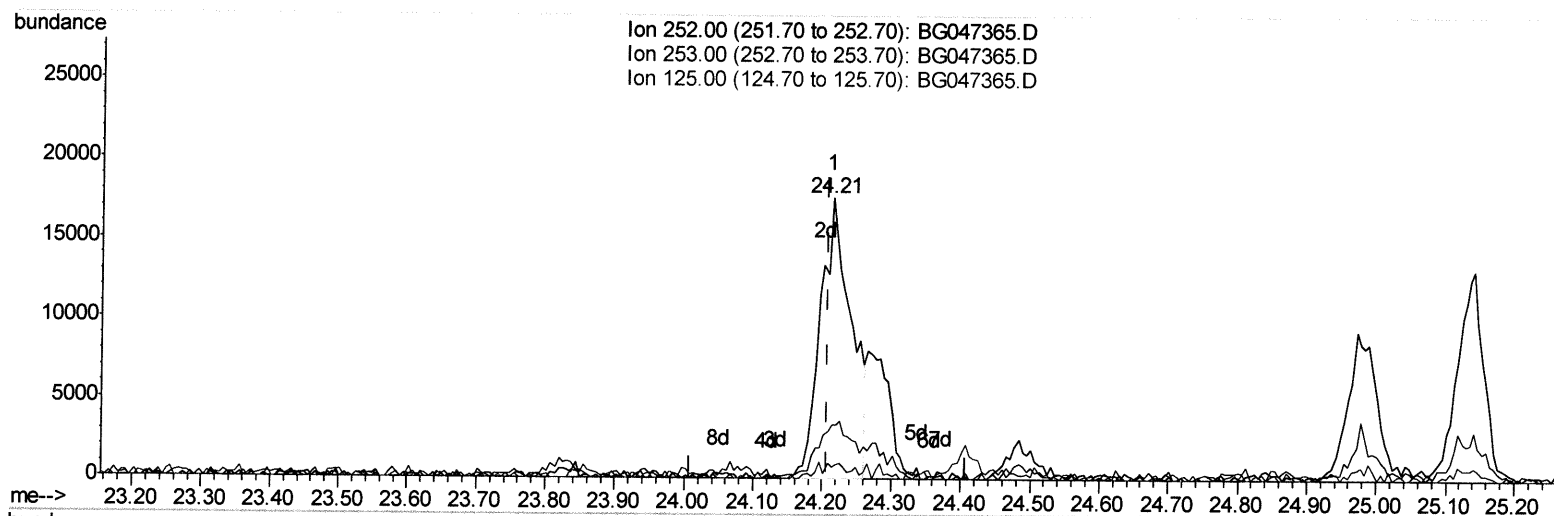
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047365.D
 Acq On : 19 Nov 2020 23:25
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0AY7

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:56 PM

Quant Time: Nov 20 05:20:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration



(88) Benzo(b)fluoranthene

24.213min (+0.005) 2.40ng/ul m

response 54799

JU 11/24/20

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	19.19
125.00	3.10	4.00#
0.00	0.00	0.00

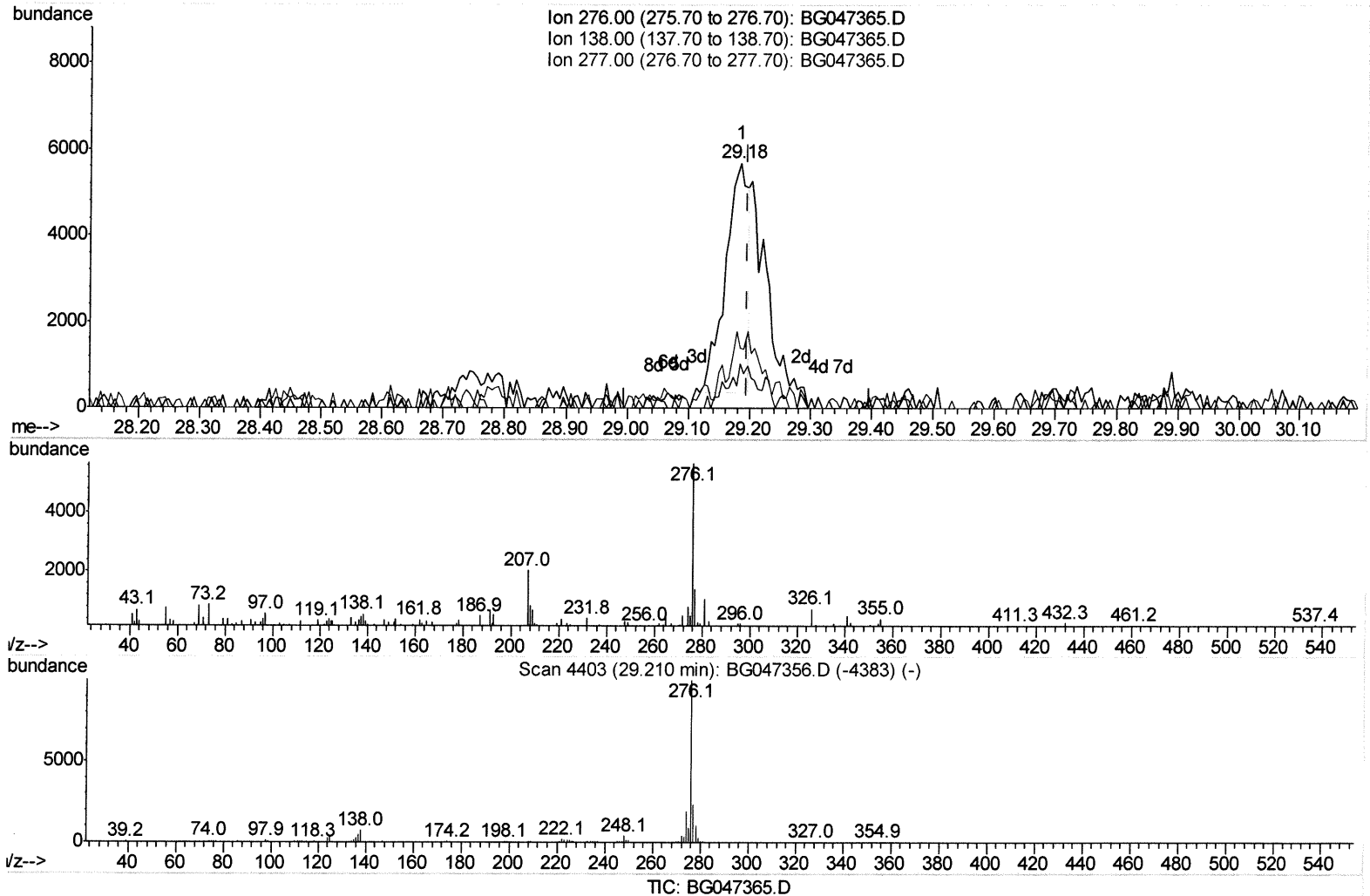
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047365.D
 Acq On : 19 Nov 2020 23:25
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY7

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:56 PM

Quant Time: Nov 20 05:20:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration



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

29.184min (-0.012) 0.54ng/ul

response 13400

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	18.20#
277.00	24.90	24.66
0.00	0.00	0.00

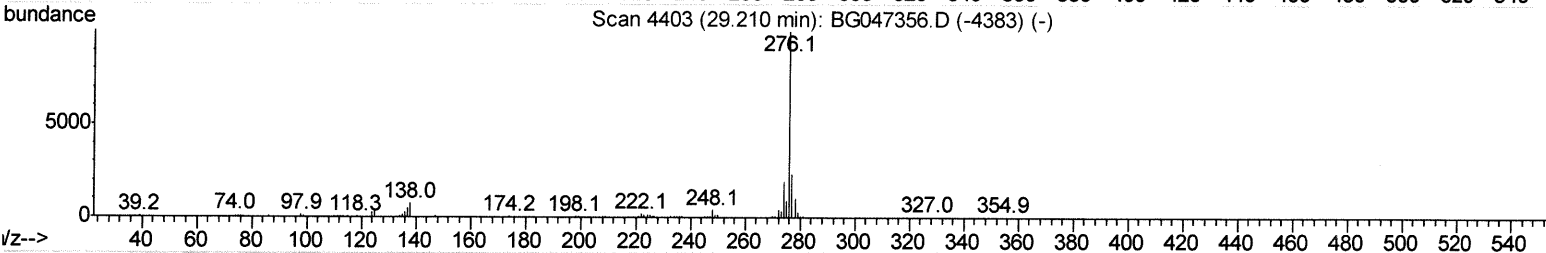
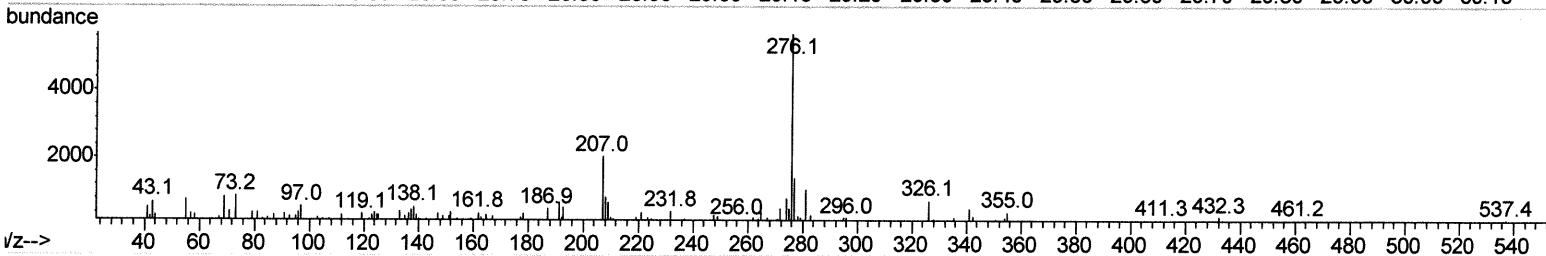
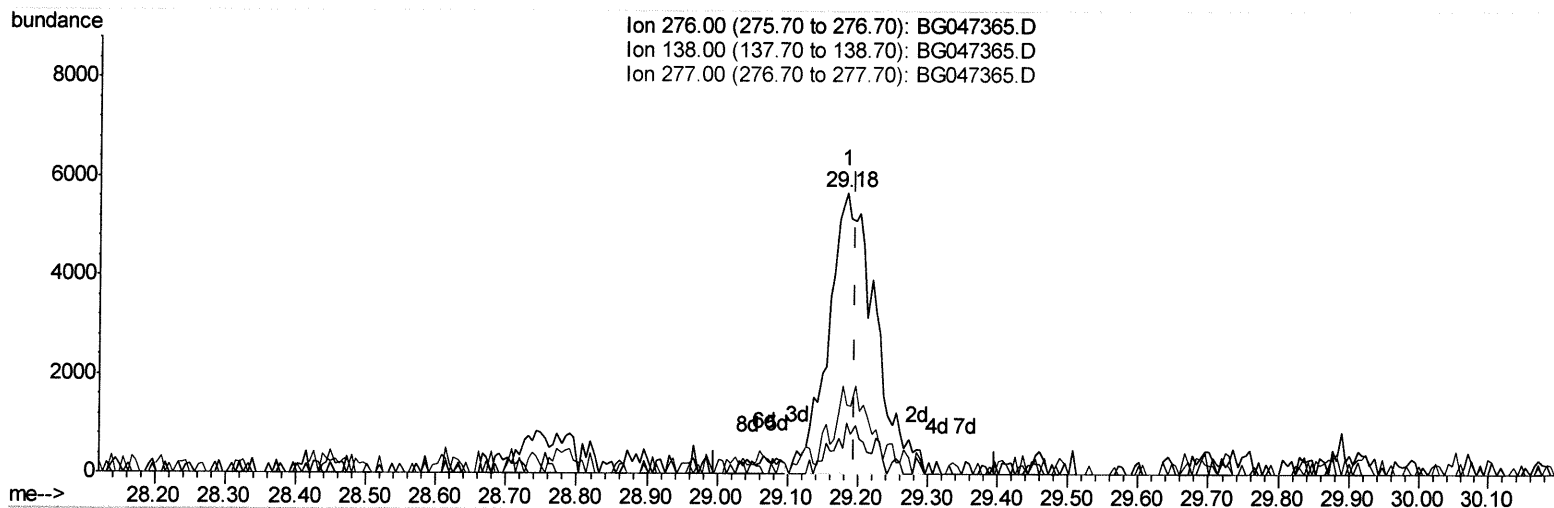
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047365.D
 Acq On : 19 Nov 2020 23:25
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY7

Quant Time: Nov 20 05:20:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:56 PM



TIC: BG047365.D

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

29.184min (-0.012) 1.07ng/ul m

response 26598

JU 11/24/20

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	9.47
277.00	24.90	24.66
0.00	0.00	0.00

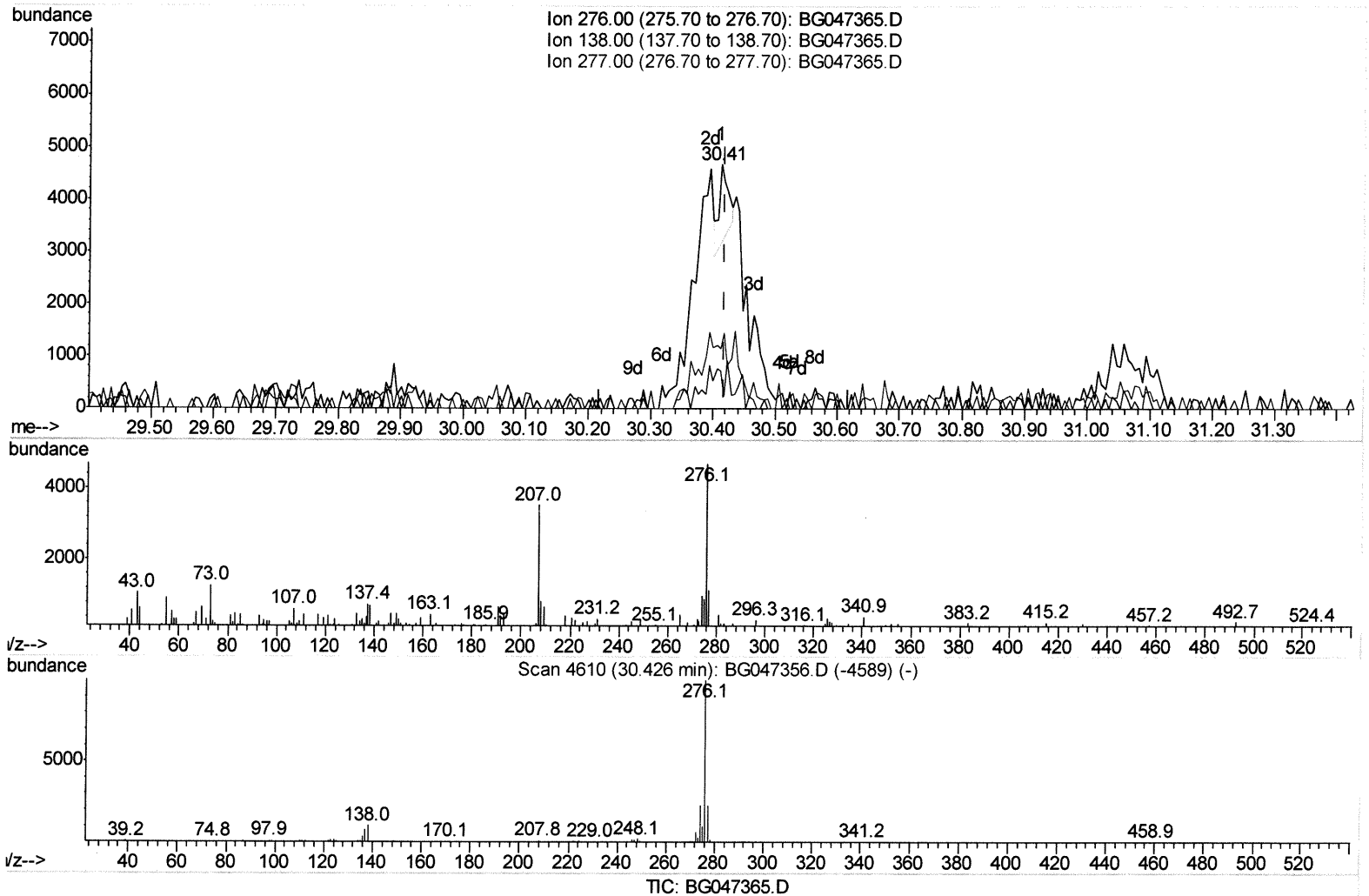
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047365.D
 Acq On : 19 Nov 2020 23:25
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY7

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:56 PM

Quant Time: Nov 20 05:24:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration



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

30.412min (-0.007) 0.08ng/ul

response 1557

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	15.45#
277.00	21.90	24.34
0.00	0.00	0.00

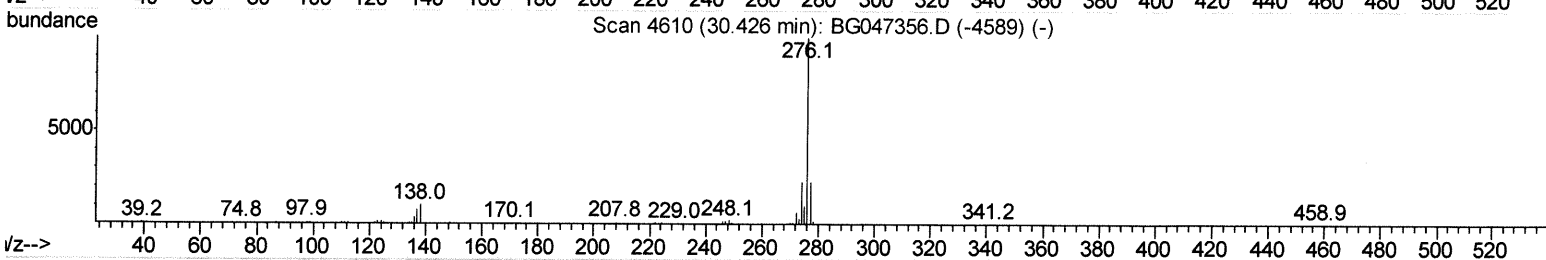
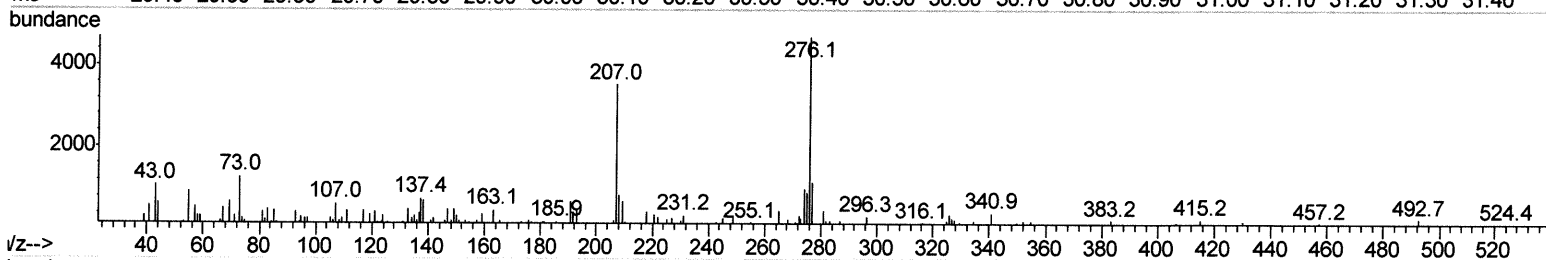
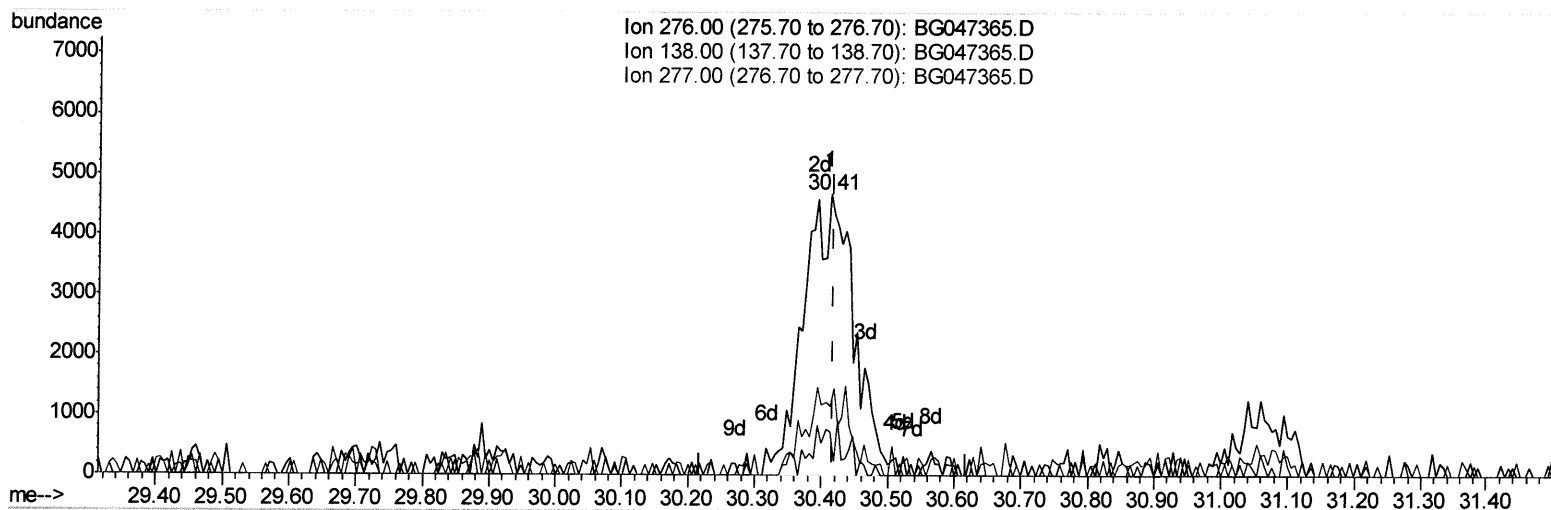
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047365.D
 Acq On : 19 Nov 2020 23:25
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY7

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:56 PM

Quant Time: Nov 20 05:24:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration



TIC: BG047365.D

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

30.412min (-0.007) 1.20ng/ul m

Re 11/24/20

response 24510

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	15.45#
277.00	21.90	24.34
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047365.D
 Acq On : 19 Nov 2020 23:25
 Operator : CG/JU
 Sample : L4710-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY7

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:56 PM

Quant Time: Nov 20 05:26:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	50530	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	201523	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	141836	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	333458	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	308156	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	323408	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	3082	2.22	ng/uL	0.00
5) Phenol-d5	7.40	99	68711	13.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	40839	14.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	48217	14.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	48316	12.41	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	23167	13.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	26942	14.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	56836	13.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	54618	12.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	176641	14.51	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	222407	15.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	23979	12.91	ng/ul	0.00
58) Fluorene-d10	15.87	176	160853	14.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	24503	12.91	ng/ul	0.00
71) Anthracene-d10	17.72	188	259417	15.68	ng/ul	0.00
79) Pyrene-d10	19.98	212	303962	16.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	296631	15.94	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.32	163	80236	6.460	ng/ul	96
70) Phenanthrene	17.66	178	30003	1.666	ng/ul#	95
77) Fluoranthene	19.65	202	60230	2.648	ng/ul	98
80) Pyrene	20.01	202	60595	2.776	ng/ul	97
83) Benzo(a)anthracene	21.87	228	35038	1.598	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	12821	1.200	ng/ul	98
85) Chrysene	21.95	228	40772m	1.954	ng/ul	} → 7411/24/20
88) Benzo(b)fluoranthene	24.21	252	54799m	2.400	ng/ul	
91) Benzo(a)pyrene	25.14	252	36015	1.769	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.18	276	26598m	1.074	ng/ul	} → 7411/24/20
94) Benzo(a,h,i)perylene	30.41	276	24510m	1.200	ng/ul	

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