

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046433.D
 Acq On : 22 Aug 2020 4:50
 Operator : CG/JU
 Sample : L3649-13
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 22 06:57:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 22 04:33:16 2020
 Response via : Initial Calibration

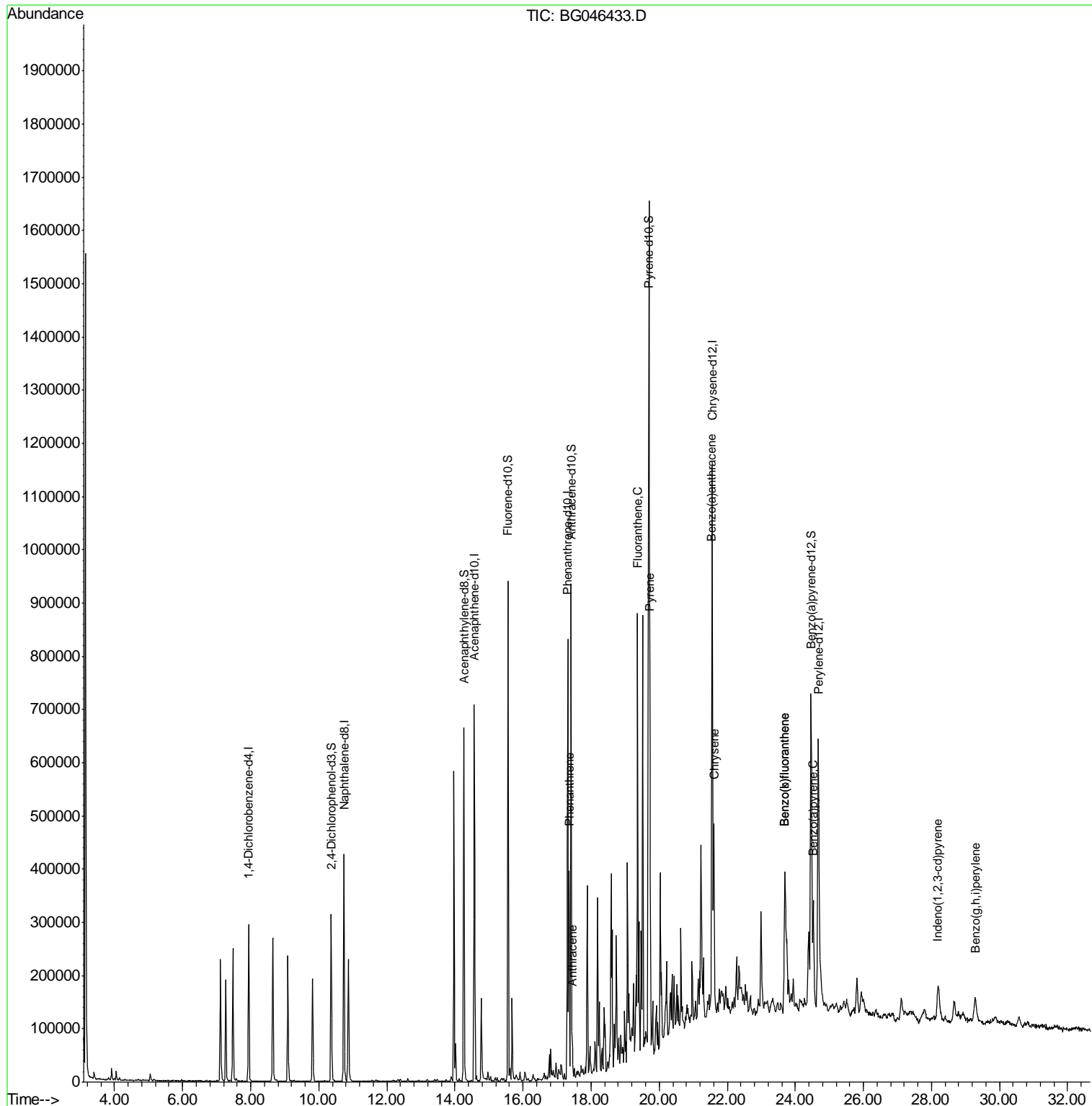
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	92952	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	383862	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	254060	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	547093	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	543597	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	550018	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	137806	20.85	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	506748	21.67	ng/ul	0.00
10) Fluorene-d10	15.56	176	390977	21.82	ng/ul	0.00
15) Anthracene-d10	17.41	188	552914	21.80	ng/ul	0.00
19) Pyrene-d10	19.70	212	611127	21.84	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	672501	22.41	ng/ul	0.00
Target Compounds						
						Qvalue
14) Phenanthrene	17.35	178	247601	8.227	ng/ul	100
16) Anthracene	17.44	178	47254	1.556	ng/ul	99
17) Fluoranthene	19.36	202	512518	15.272	ng/ul	100
20) Pyrene	19.73	202	465829	13.055	ng/ul	99
21) Benzo(a)anthracene	21.54	228	272678	7.710	ng/ul	97
22) Chrysene	21.61	228	276478	8.086	ng/ul	96
24) Benzo(b)fluoranthene	23.69	252	357272	9.823	ng/ul	99
25) Benzo(k)fluoranthene	23.69	252	357272	9.902	ng/ul	99
27) Benzo(a)pyrene	24.53	252	221419	6.631	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.19	276	126838	3.034	ng/ul	99
30) Benzo(g,h,i)perylene	29.29	276	99688	2.849	ng/ul	96

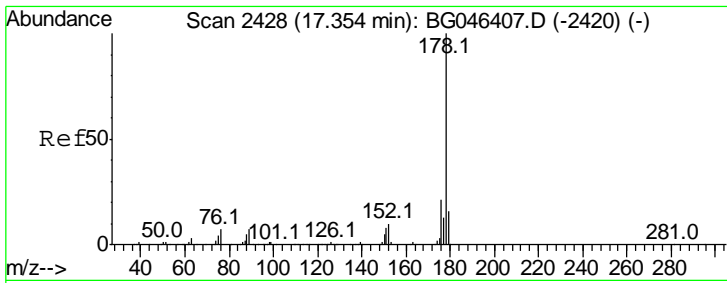
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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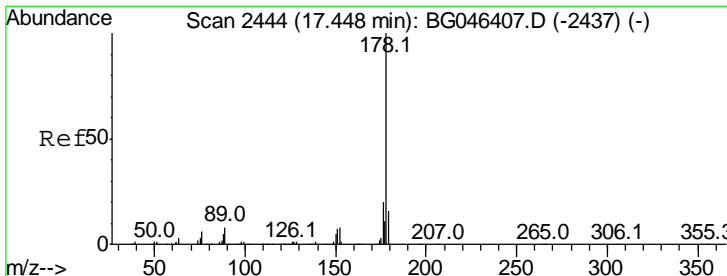
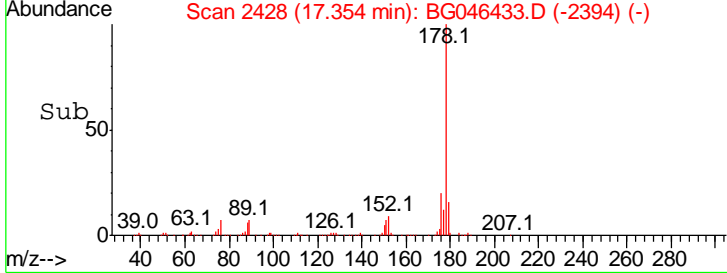
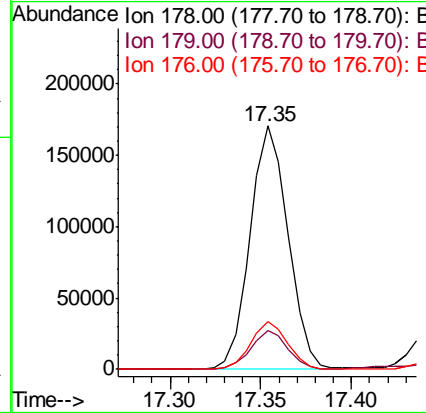
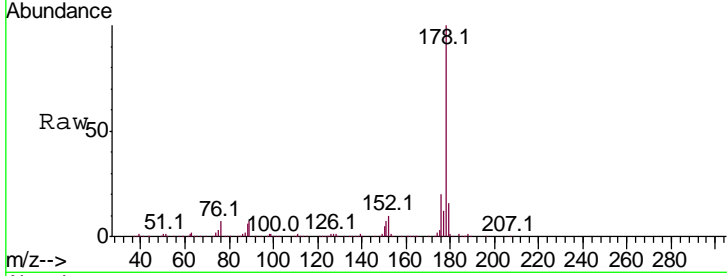




#14
 Phenanthrene
 Concen: 8.227 ng/ul
 RT: 17.35 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

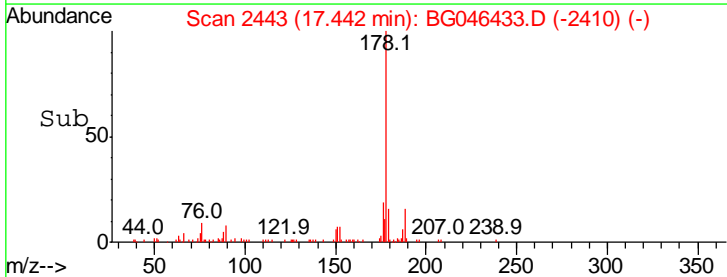
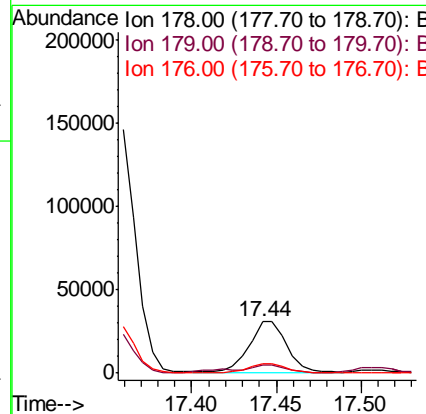
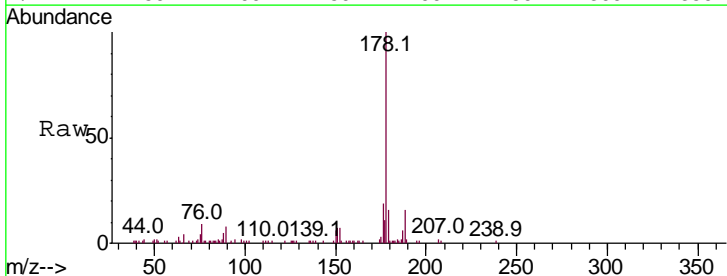
Instrument :
 BNA_G
 ClientSampled :

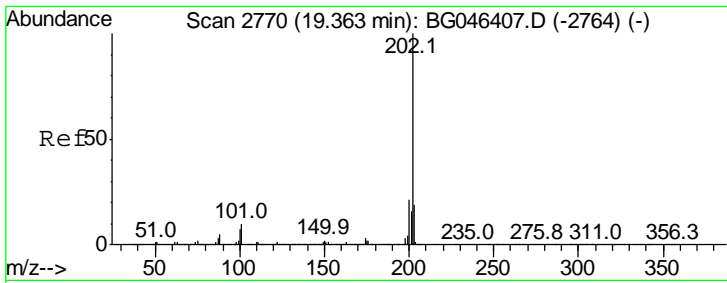
Tgt Ion	Resp	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.7	15.8	23.8



#16
 Anthracene
 Concen: 1.556 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

Tgt Ion	Resp	Lower	Upper
178	100		
179	15.9	13.2	19.8
176	18.7	15.2	22.8

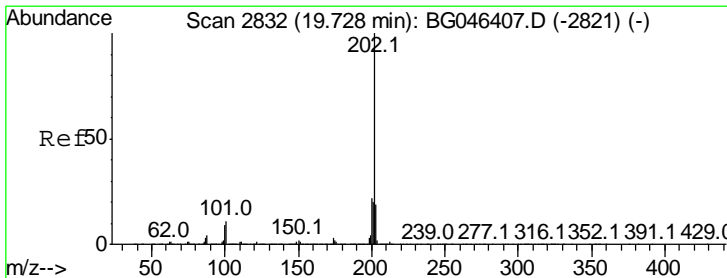
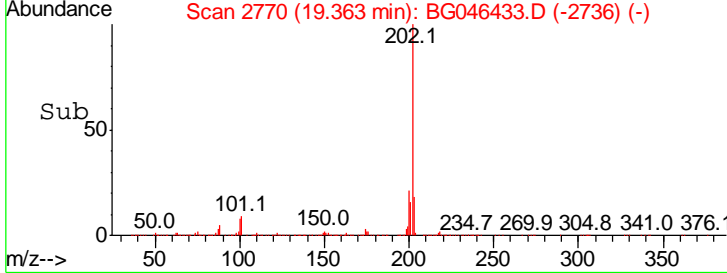
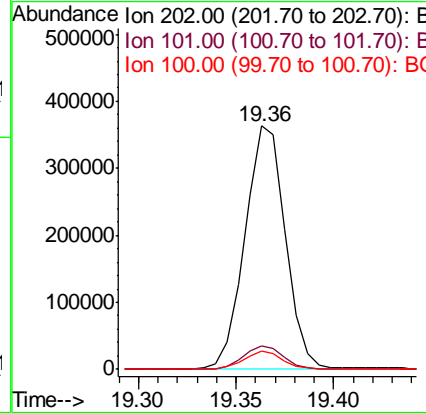
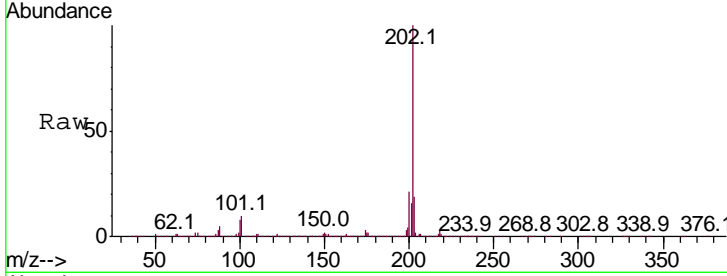




#17
 Fluoranthene
 Concen: 15.272 ng/ul
 RT: 19.36 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

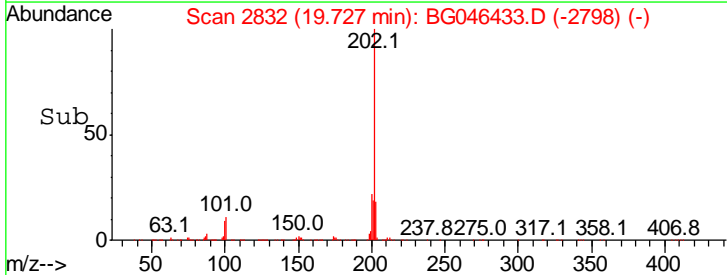
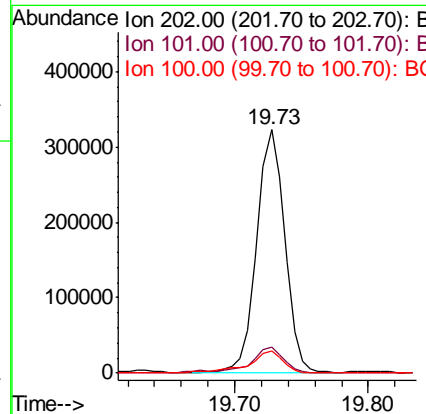
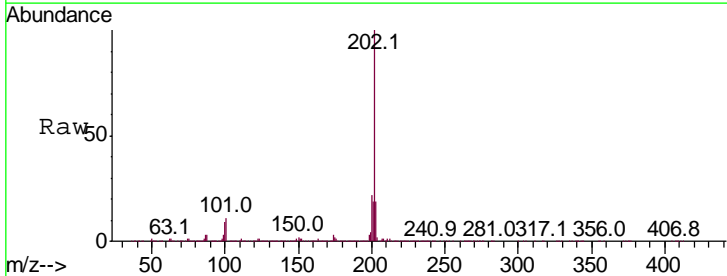
Instrument :
 BNA_G
 ClientSampled :

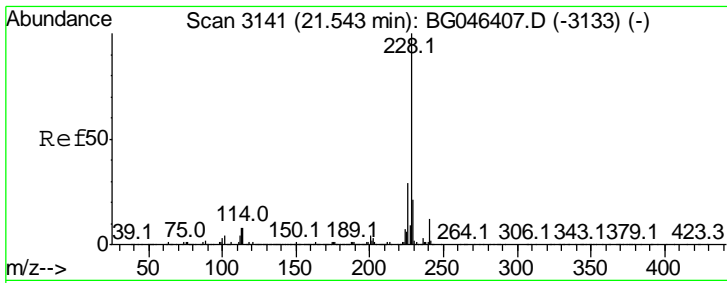
Tgt Ion	Resp	Lower	Upper
202	100		
101	9.6	7.8	11.6
100	7.7	5.9	8.9



#20
 Pyrene
 Concen: 13.055 ng/ul
 RT: 19.73 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

Tgt Ion	Resp	Lower	Upper
202	100		
101	10.8	8.9	13.3
100	9.2	7.9	11.9

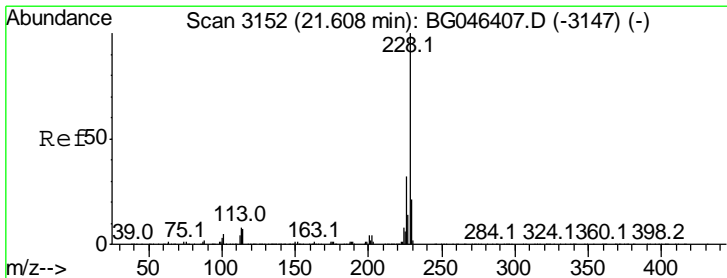
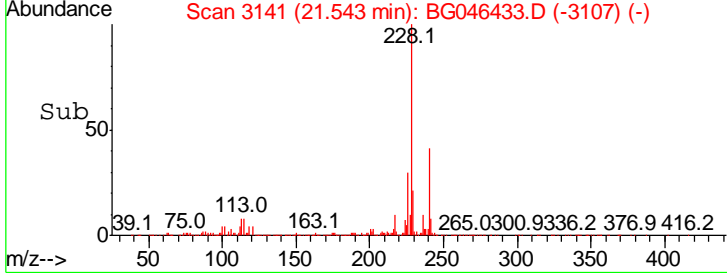
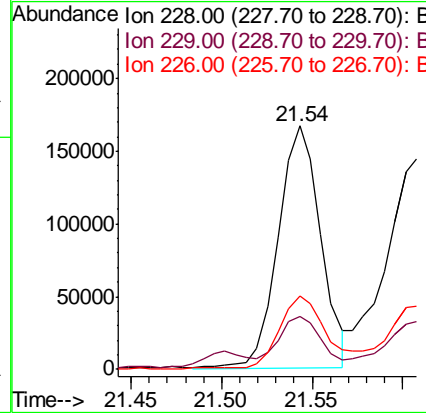
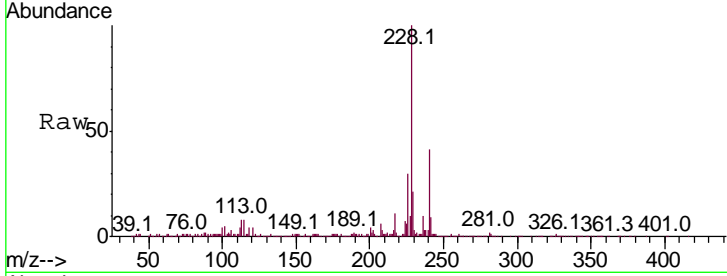




#21
 Benzo(a)anthracene
 Concen: 7.710 ng/ul
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

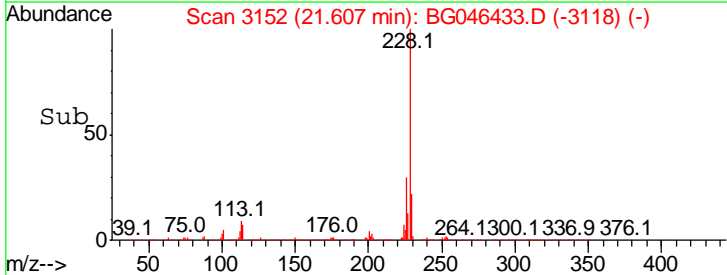
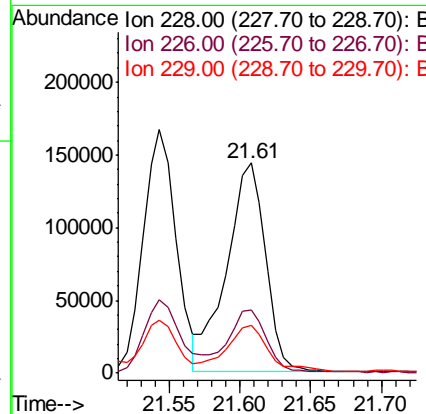
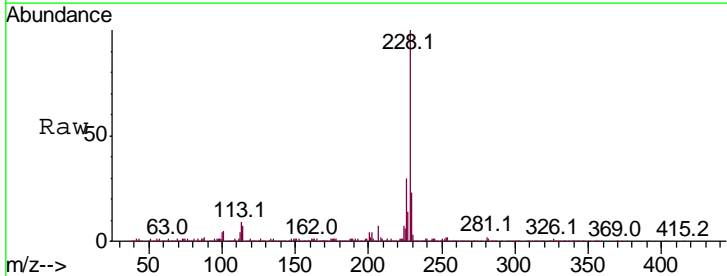
Instrument :
 BNA_G
 ClientSampled :

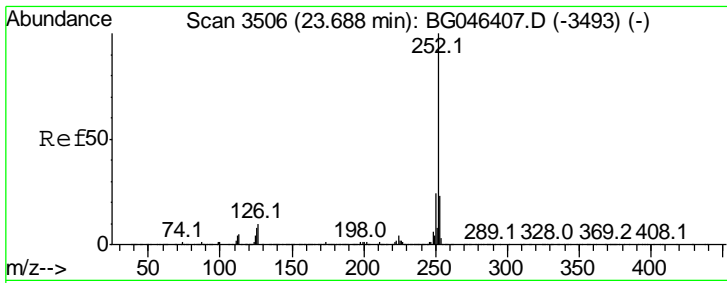
Tgt Ion	Resp	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	30.2	22.6	33.8



#22
 Chrysene
 Concen: 8.086 ng/ul
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.0	25.5	38.3
229	23.0	17.0	25.4



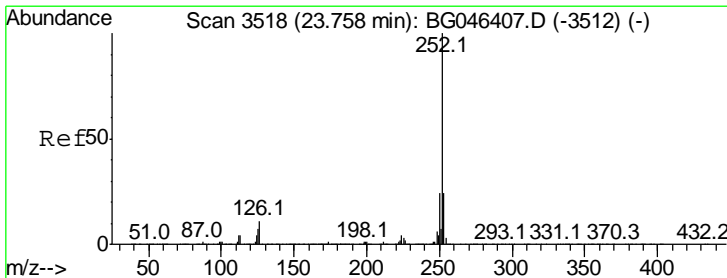
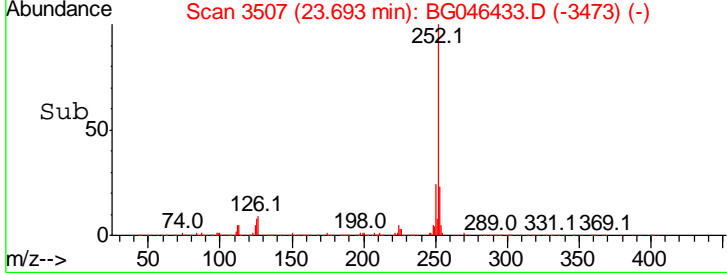
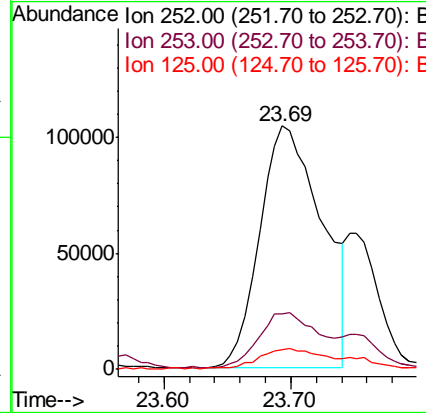
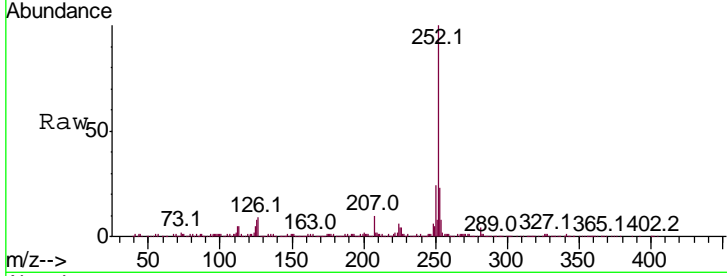


#24

Benzo(b)fluoranthene
 Concen: 9.823 ng/ul
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

Instrument :
 BNA_G
 ClientSampled :

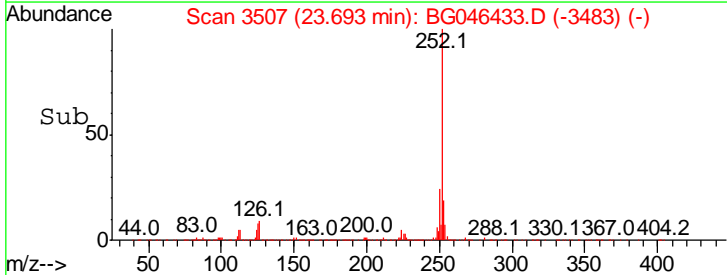
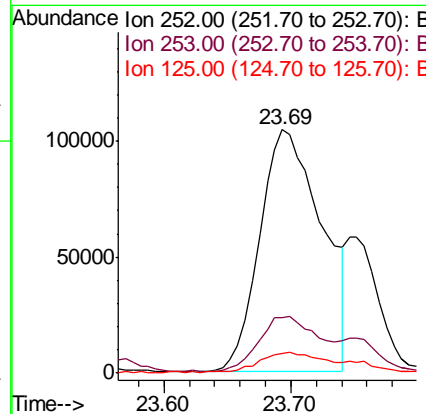
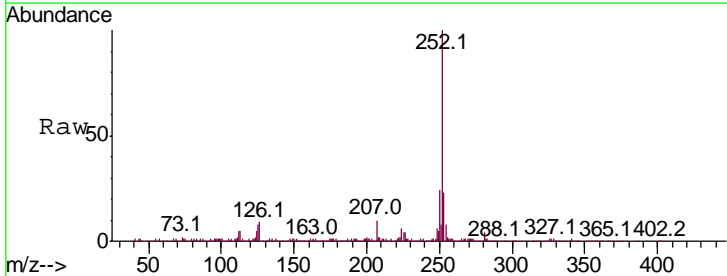
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	8.0	6.4	9.6

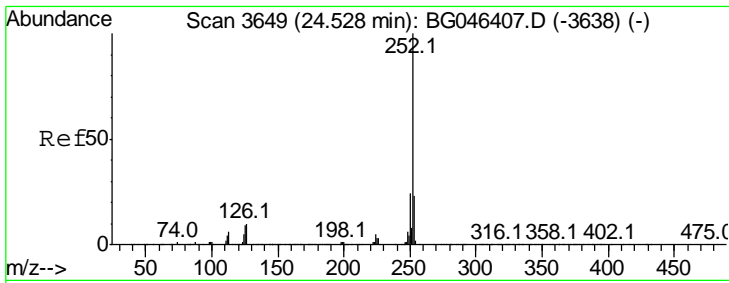


#25

Benzo(k)fluoranthene
 Concen: 9.902 ng/ul
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.06 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	8.0	6.2	9.2

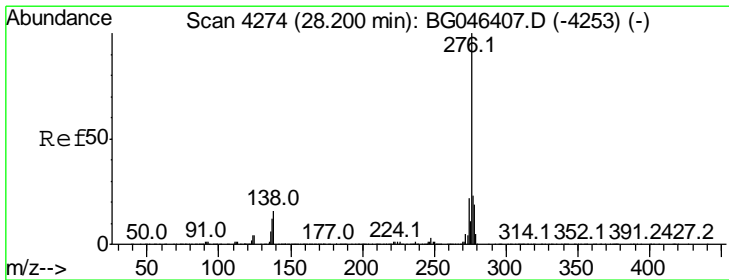
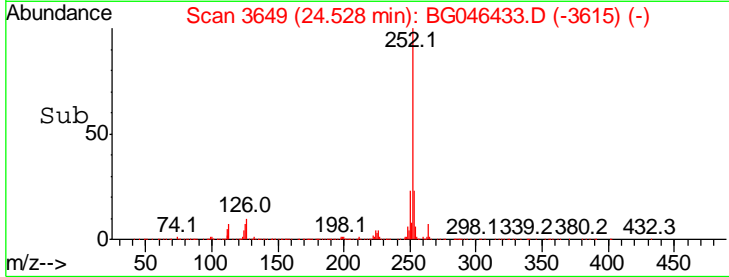
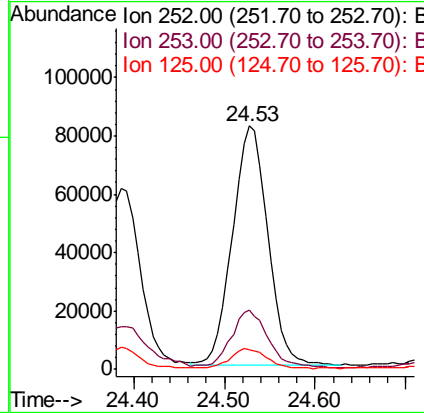
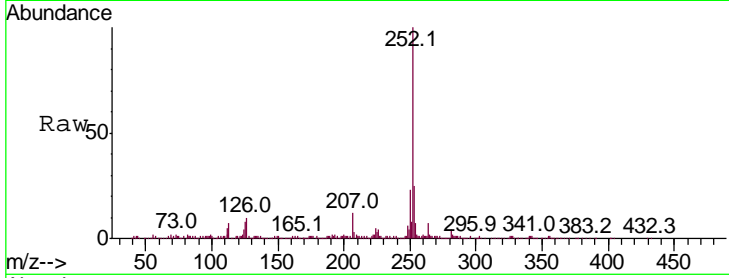




#27
 Benzo(a)pyrene
 Concen: 6.631 ng/ul
 RT: 24.53 min Scan# 3649
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

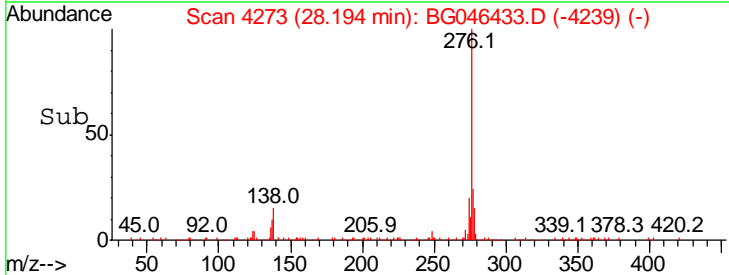
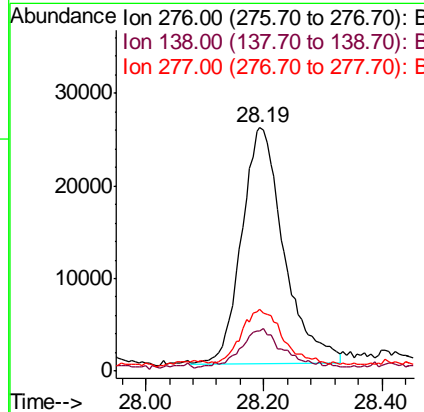
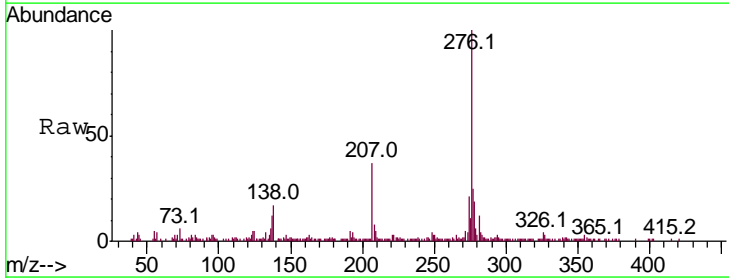
Instrument :
 BNA_G
 ClientSampled :

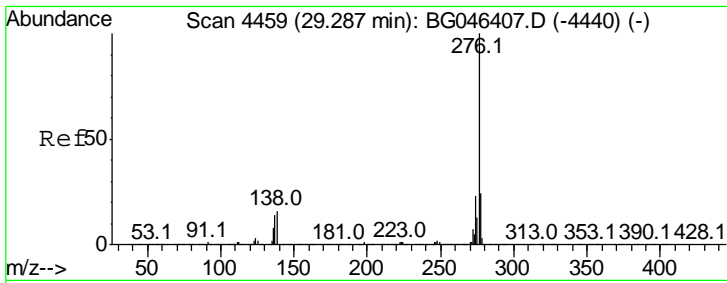
Tgt Ion	Resp	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	7.8	7.1	10.7



#28
 Indeno(1,2,3-cd)pyrene
 Concen: 3.034 ng/ul
 RT: 28.19 min Scan# 4273
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

Tgt Ion	Resp	Lower	Upper
276	100		
138	16.6	13.2	19.8
277	25.3	19.9	29.9





#30
 Benzo(a,h,i)perylene
 Concen: 2.849 ng/ul
 RT: 29.29 min Scan# 4459
 Delta R.T. -0.00 min
 Lab File: BG046433.D
 Acq: 22 Aug 2020 4:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 276 Resp: 99688

Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.9	19.3
277	25.8	19.4	29.0

