

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\  
 Data File : BG046334.D  
 Acq On : 18 Aug 2020 19:12  
 Operator : CG/JU  
 Sample : L3636-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BFMJ9

Quant Time: Aug 19 01:10:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 19 00:56:05 2020  
 Response via : Initial Calibration

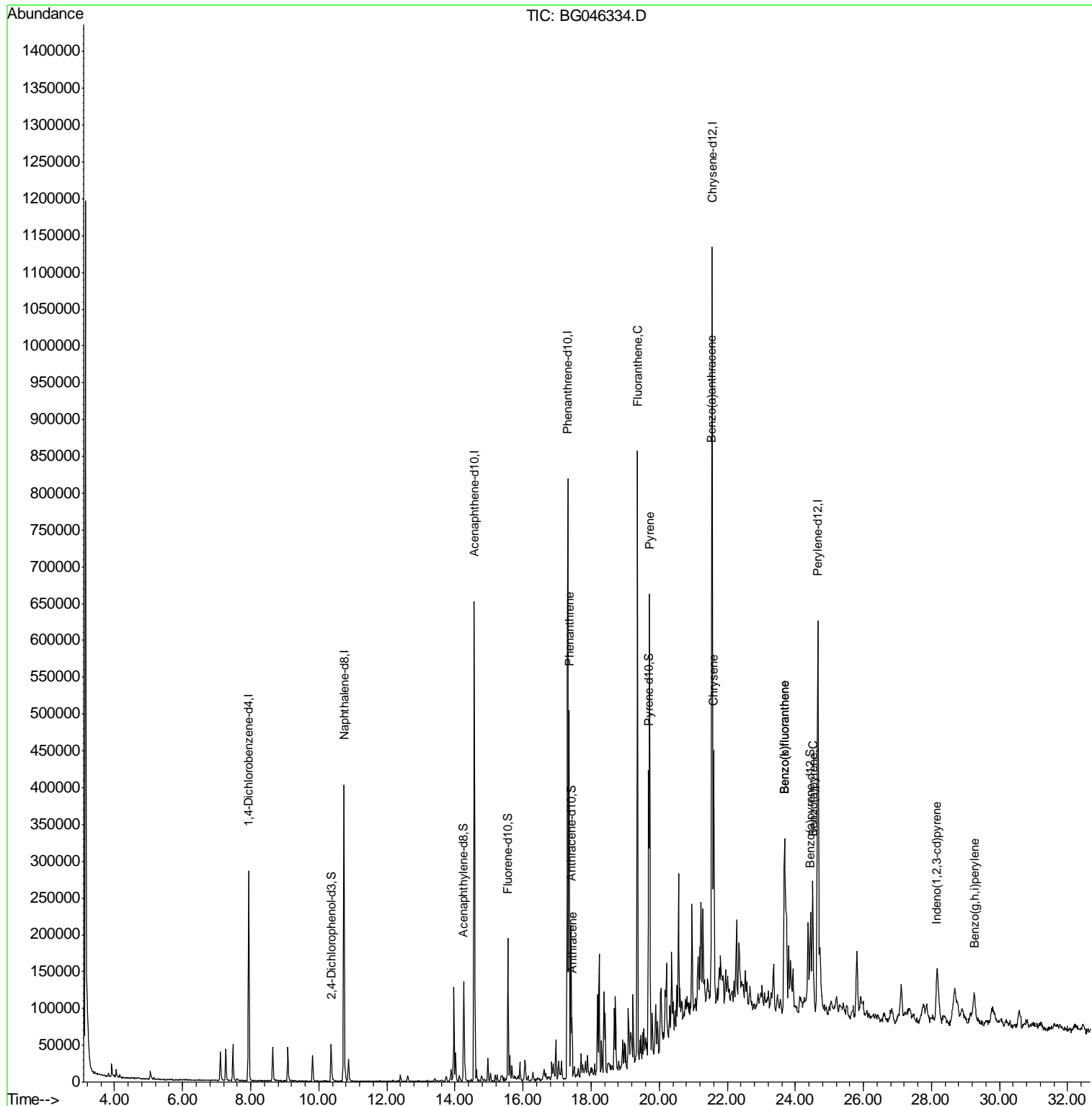
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	94195	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	367715	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	237730	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	533106	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	538300	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	573860	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	26074	4.12	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	104161	4.76	ng/ul	0.00
10) Fluorene-d10	15.56	176	82801	4.94	ng/ul	0.00
15) Anthracene-d10	17.41	188	119462	4.83	ng/ul	0.00
19) Pyrene-d10	19.69	212	132401	4.78	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	135231	4.32	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.35	178	332632	11.342	ng/ul	100
16) Anthracene	17.44	178	55749	1.884	ng/ul	98
17) Fluoranthene	19.36	202	511933	15.654	ng/ul	98
20) Pyrene	19.72	202	415474	11.758	ng/ul	98
21) Benzo(a)anthracene	21.54	228	244223	6.973	ng/ul	99
22) Chrysene	21.60	228	244972	7.235	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	318120	8.383	ng/ul	97
25) Benzo(k)fluoranthene	23.68	252	318120	8.451	ng/ul	98
27) Benzo(a)pyrene	24.51	252	177720	5.101	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	124195	2.847	ng/ul	99
30) Benzo(g,h,i)perylene	29.25	276	79121	2.167	ng/ul	100

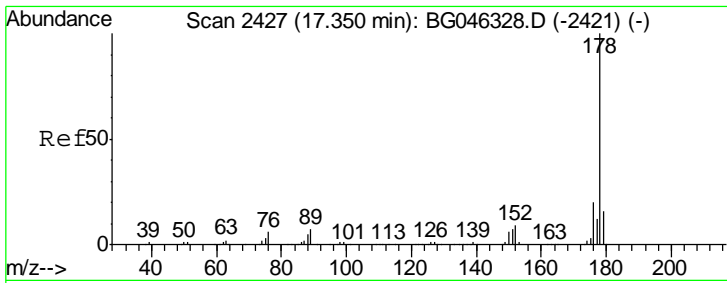
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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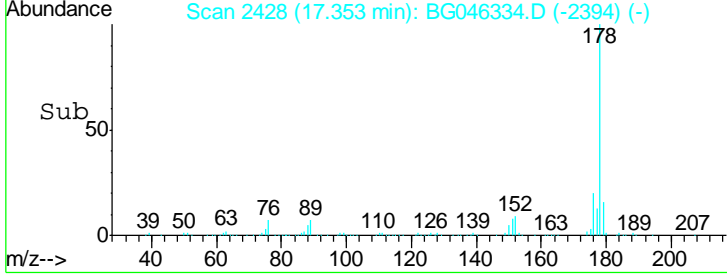
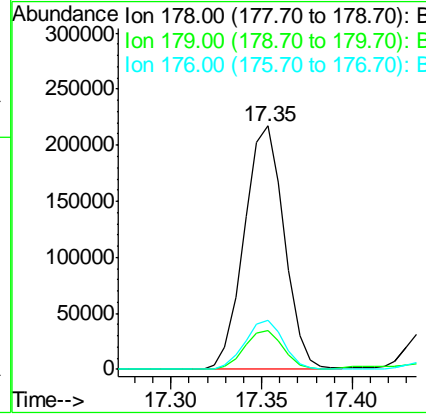
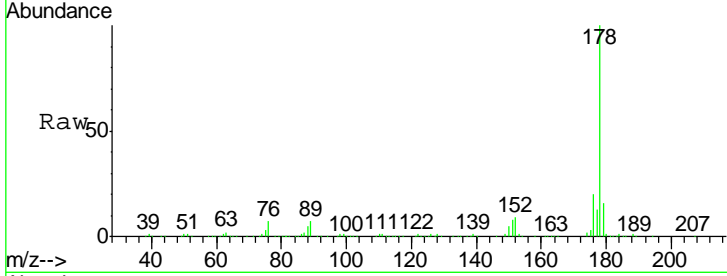




#14  
 Phenanthrene  
 Concen: 11.342 ng/ul  
 RT: 17.35 min Scan# 2428  
 Delta R.T. -0.00 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

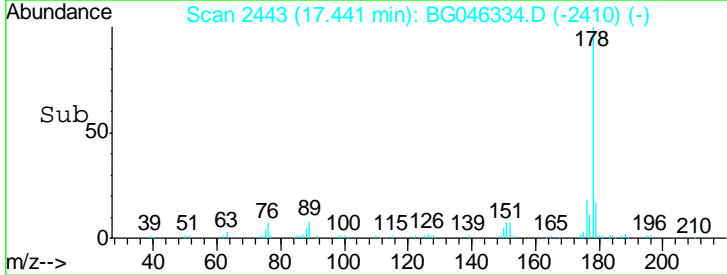
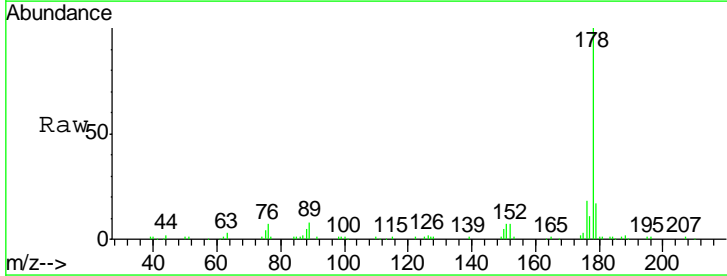
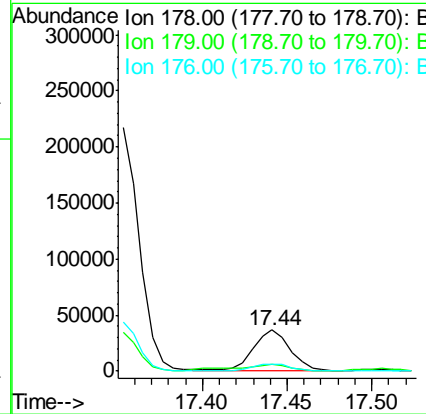
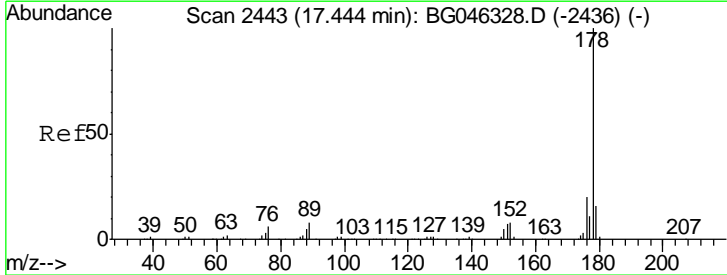
Instrument :  
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 ClientSampled :  
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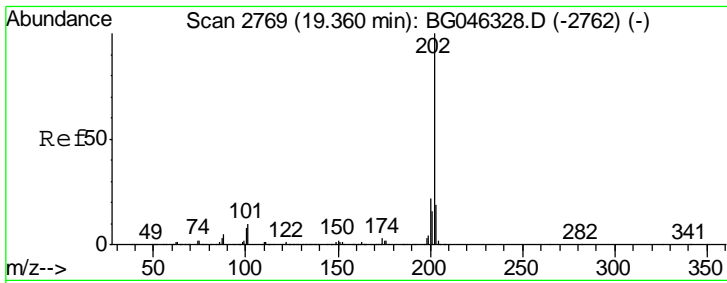
Tgt Ion	Resp	Lower	Upper
178	332632		
179	16.0	12.8	19.2
176	19.9	15.8	23.8



#16  
 Anthracene  
 Concen: 1.884 ng/ul  
 RT: 17.44 min Scan# 2443  
 Delta R.T. -0.01 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

Tgt Ion	Resp	Lower	Upper
178	55749		
179	17.4	13.2	19.8
176	17.9	15.2	22.8

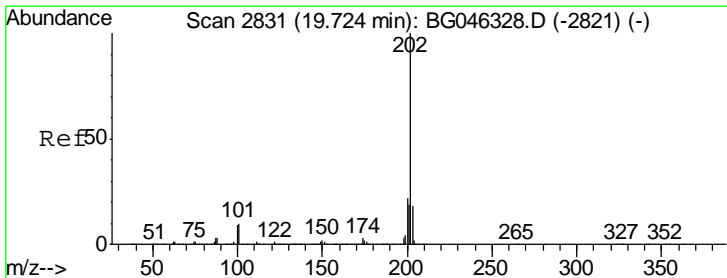
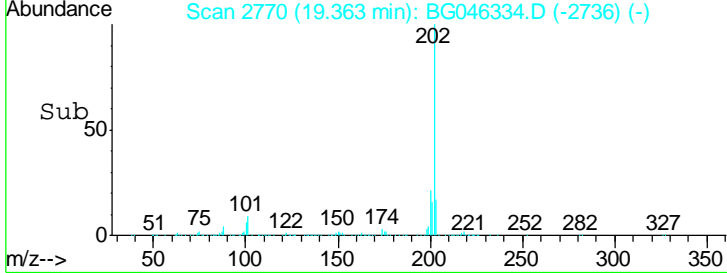
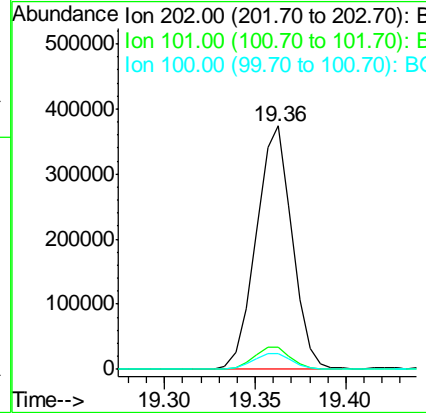
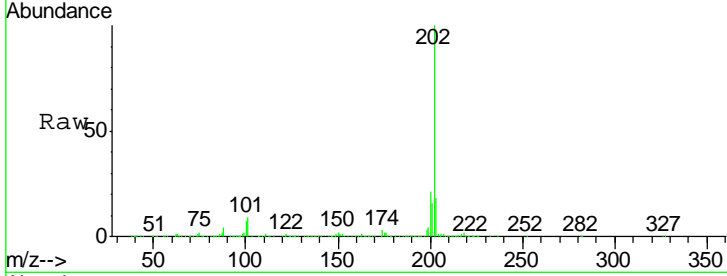




#17  
 Fluoranthene  
 Concen: 15.654 ng/ul  
 RT: 19.36 min Scan# 2770  
 Delta R.T. -0.00 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

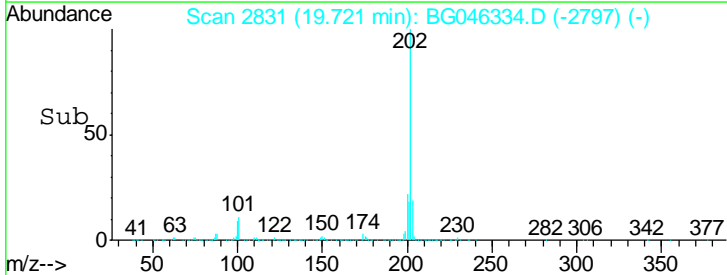
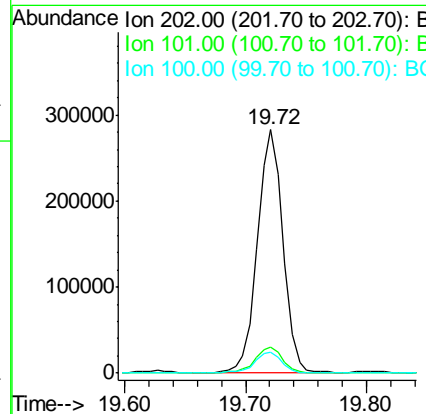
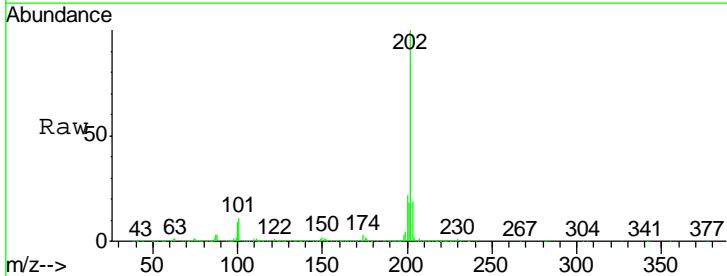
Instrument :  
 BNA\_G  
 ClientSampled :  
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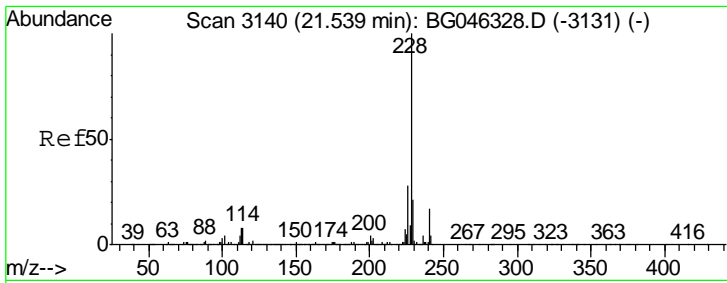
Tgt Ion	Resp	Lower	Upper
202	511933		
101	9.1	7.8	11.6
100	6.5	5.9	8.9



#20  
 Pyrene  
 Concen: 11.758 ng/ul  
 RT: 19.72 min Scan# 2831  
 Delta R.T. -0.00 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

Tgt Ion	Resp	Lower	Upper
202	415474		
101	10.7	8.9	13.3
100	8.8	7.9	11.9

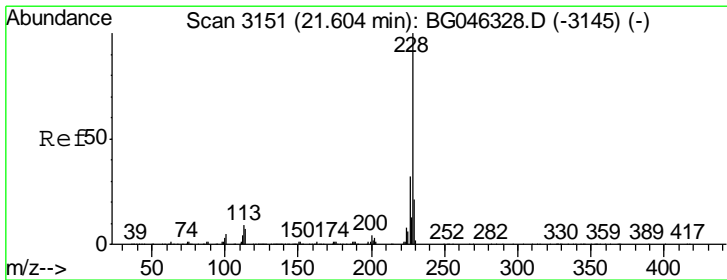
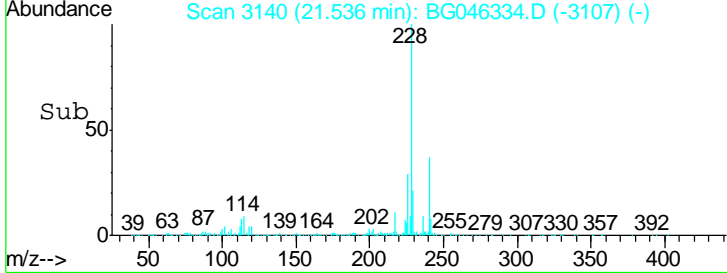
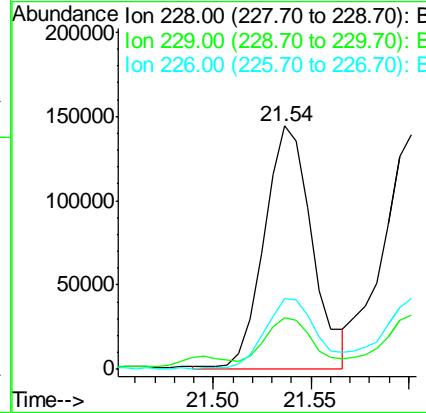
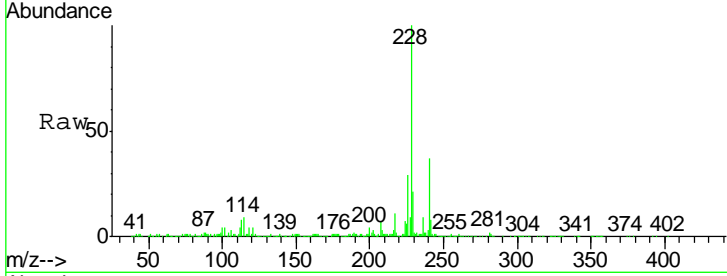




#21  
 Benzo(a)anthracene  
 Concen: 6.973 ng/ul  
 RT: 21.54 min Scan# 3140  
 Delta R.T. -0.01 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

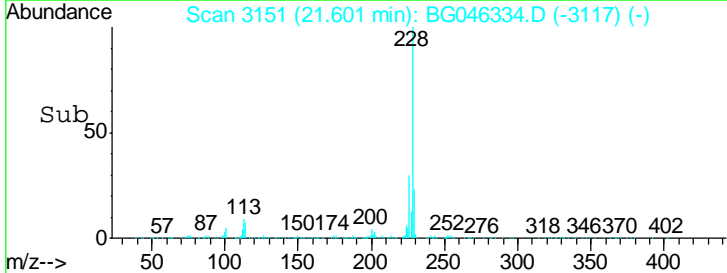
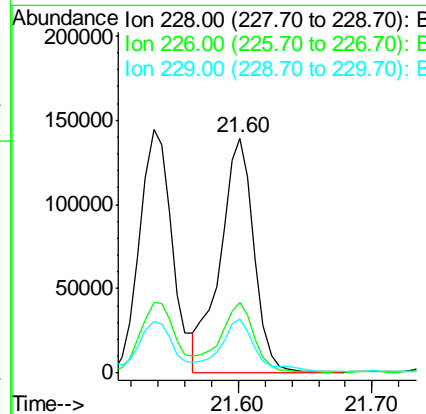
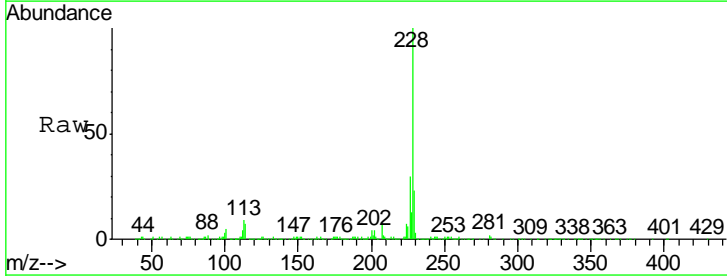
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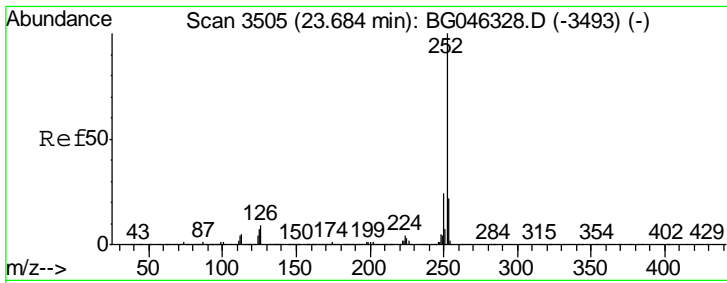
Tgt Ion	Resp	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	29.0	22.6	33.8



#22  
 Chrysene  
 Concen: 7.235 ng/ul  
 RT: 21.60 min Scan# 3151  
 Delta R.T. -0.00 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.3	25.5	38.3
229	23.1	17.0	25.4

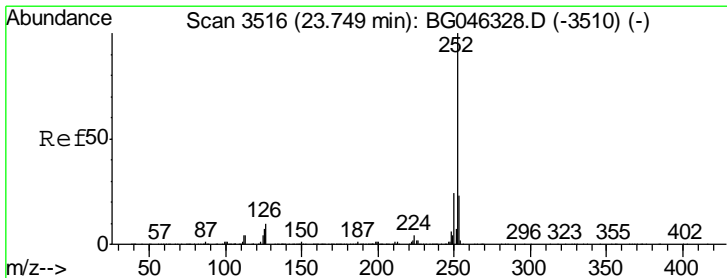
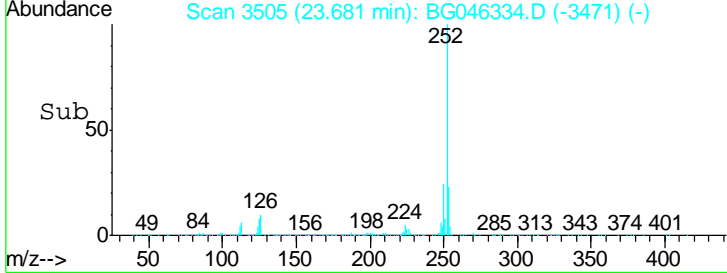
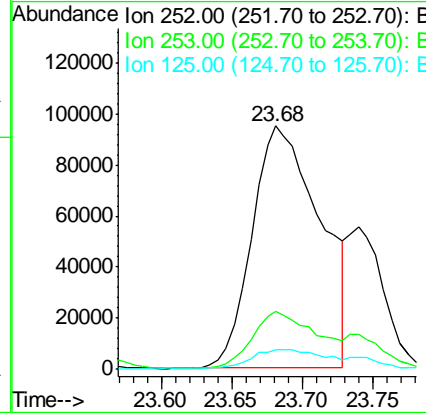
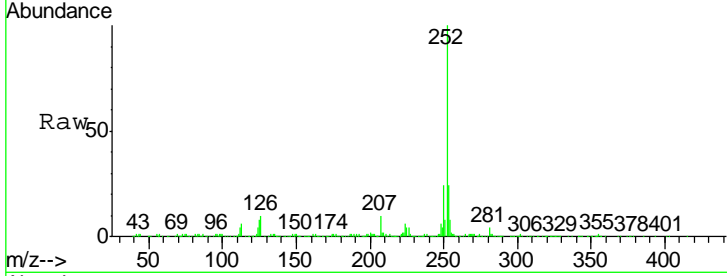




#24  
 Benzo(b)fluoranthene  
 Concen: 8.383 ng/ul  
 RT: 23.68 min Scan# 3505  
 Delta R.T. -0.00 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

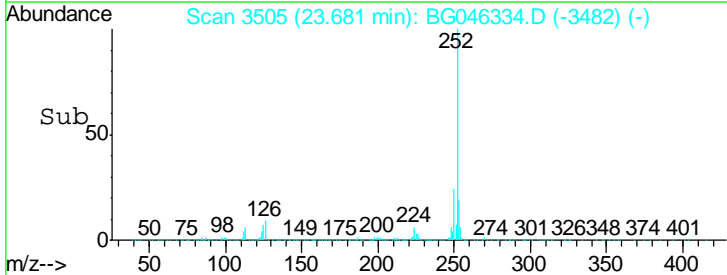
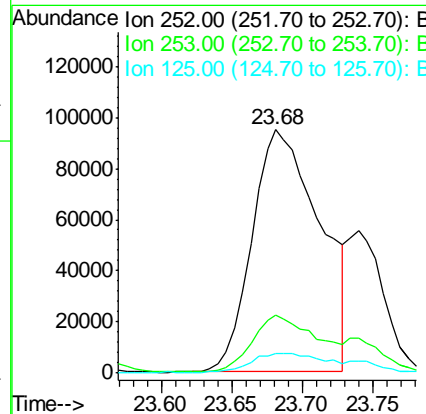
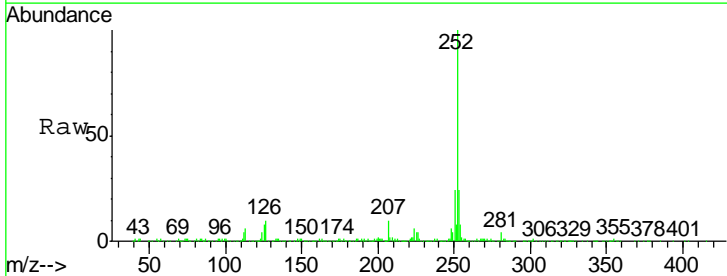
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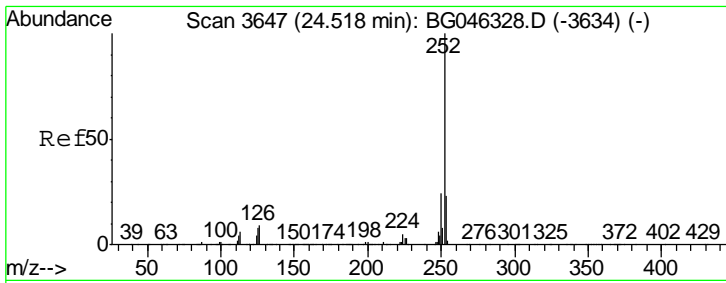
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	8.2	6.4	9.6



#25  
 Benzo(k)fluoranthene  
 Concen: 8.451 ng/ul  
 RT: 23.68 min Scan# 3505  
 Delta R.T. -0.07 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	8.2	6.2	9.2

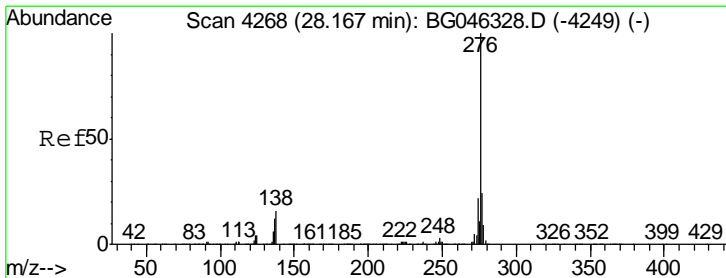
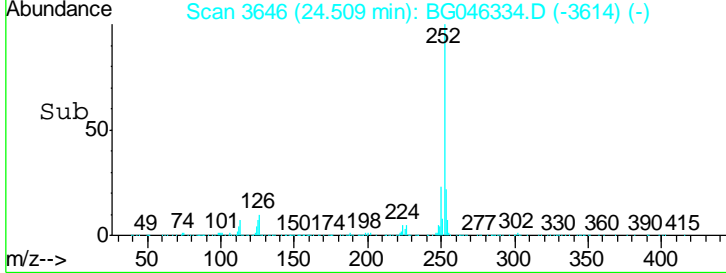
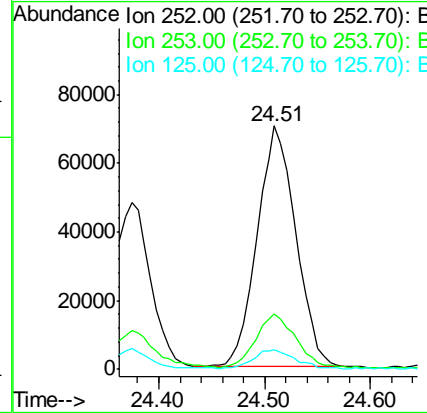
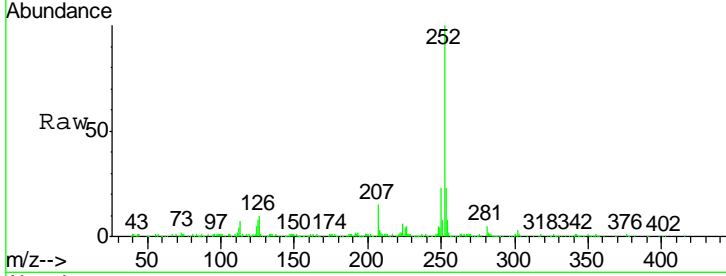




#27  
 Benzo(a)pyrene  
 Concen: 5.101 ng/ul  
 RT: 24.51 min Scan# 3646  
 Delta R.T. -0.01 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

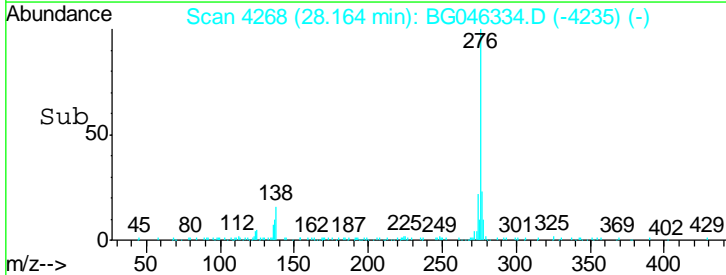
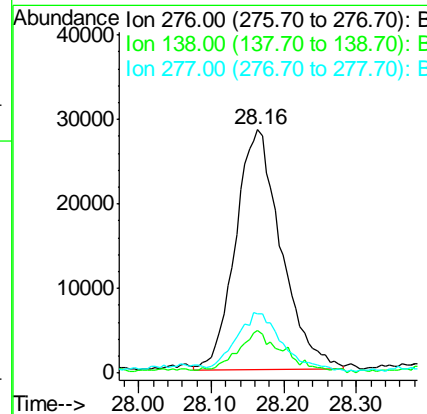
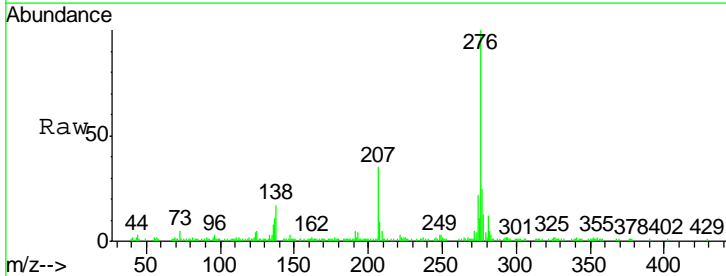
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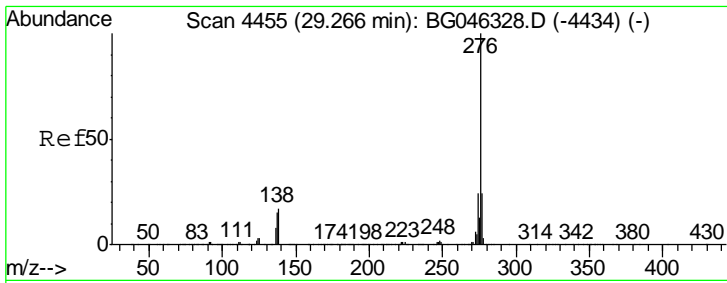
Tgt Ion	Resp	Lower	Upper
252	177720		
253	23.0	17.8	26.8
125	7.9	7.1	10.7



#28  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.847 ng/ul  
 RT: 28.16 min Scan# 4268  
 Delta R.T. -0.01 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

Tgt Ion	Resp	Lower	Upper
276	124195		
138	17.4	13.2	19.8
277	24.6	19.9	29.9





#30

Benzo(a,h,i)perylene  
 Concen: 2.167 ng/ul  
 RT: 29.25 min Scan# 4453  
 Delta R.T. -0.01 min  
 Lab File: BG046334.D  
 Acq: 18 Aug 2020 19:12

Instrument :  
 BNA\_G  
 ClientSampled :  
 BFMJ9

Tot Ion: 276 Resp: 79121

Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.9	19.3
277	24.1	19.4	29.0

