

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\  
 Data File : BN012215.D  
 Acq On : 15 Oct 2020 04:10  
 Operator : CG/JU  
 Sample : L4184-12  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COAL6

Quant Time: Oct 15 04:55:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 15 04:47:44 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1147	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4779	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2869	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6163	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	6293	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	6778	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.99	152	1314	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3211	0.19	ng/ul	0.00

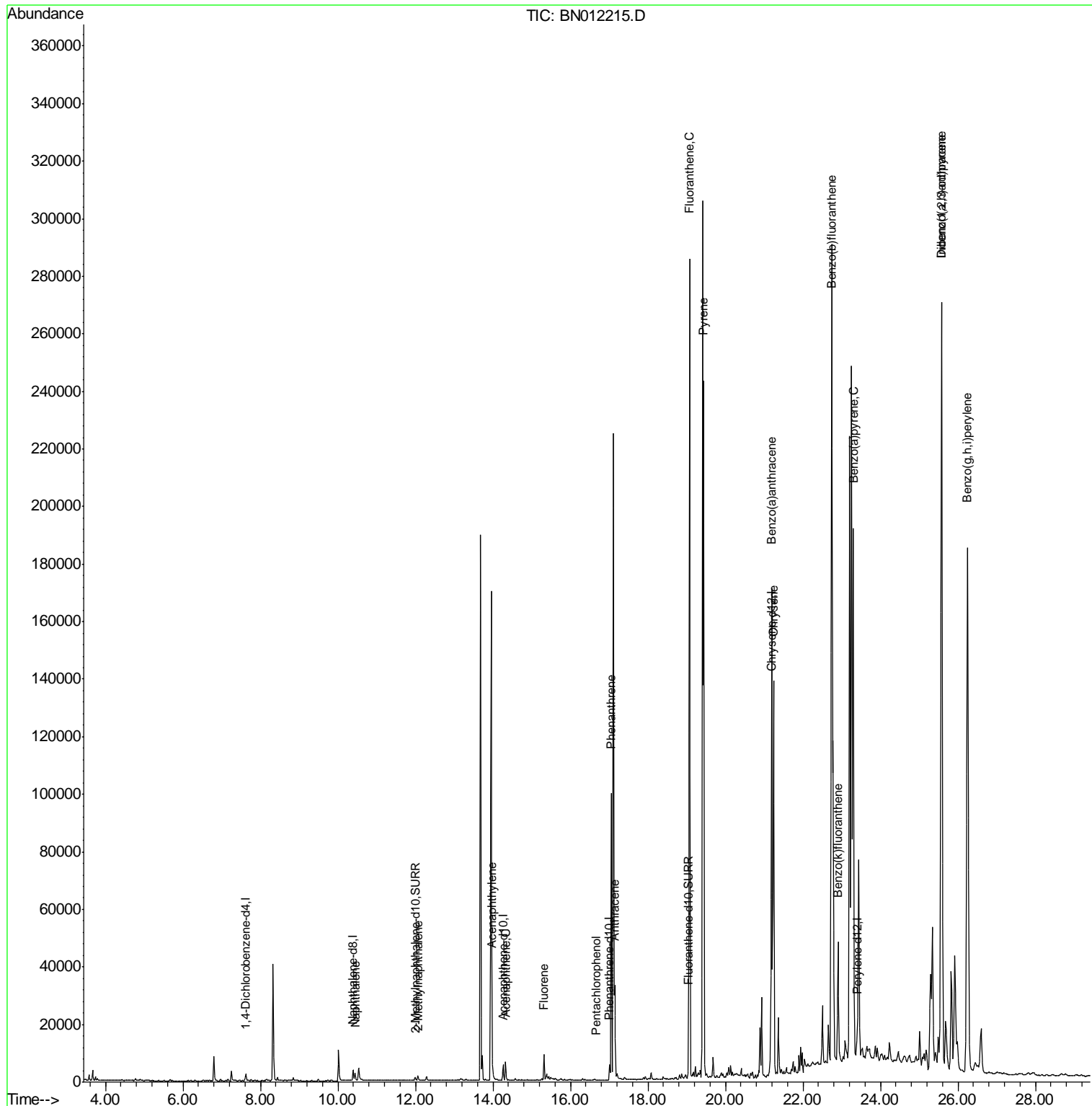
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.44	128	3625	0.263	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	1162	0.133	ng/ul	97
7) Acenaphthylene	13.98	152	6309	0.507	ng/ul	99
8) Acenaphthene	14.32	153	3739	0.355	ng/ul	97
9) Fluorene	15.31	166	5552	0.474	ng/ul	99
11) Pentachlorophenol	16.66	266	90	0.051	ng/ul	89
12) Phenanthrene	17.05	178	102809	5.233	ng/ul	98
13) Anthracene	17.14	178	31024	1.841	ng/ul	97
15) Fluoranthene	19.07	202	240358	10.463	ng/ul	98
17) Pyrene	19.44	202	199565	7.034	ng/ul	98
18) Benzo(a)anthracene	21.19	228	135205	5.800	ng/ul	99
19) Chrysene	21.24	228	146738	5.167	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	536972	19.614	ng/ul	84
22) Benzo(k)fluoranthene	22.90	252	47791	1.577	ng/ul	99
23) Benzo(a)pyrene	23.30	252	233767	8.777	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.57	276	408594	11.942	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	81760	2.987	ng/ul	93
26) Benzo(g,h,i)perylene	26.24	276	361916	11.541	ng/ul	97

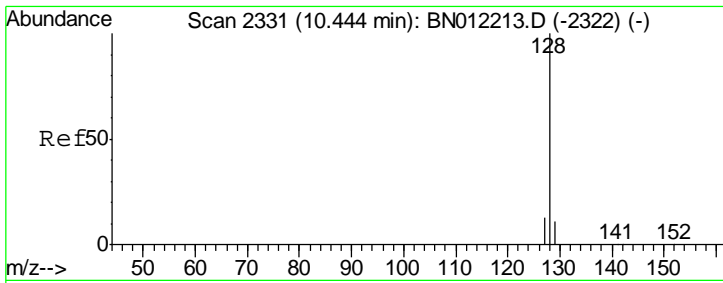
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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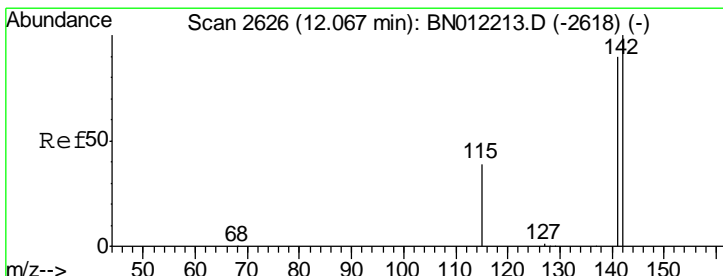
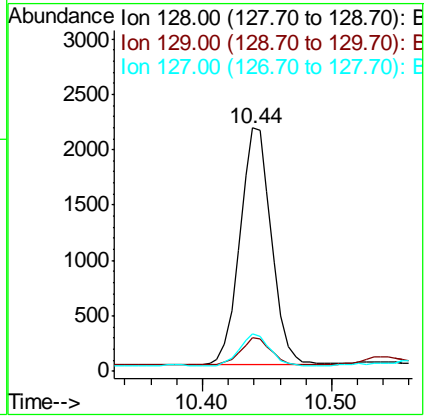
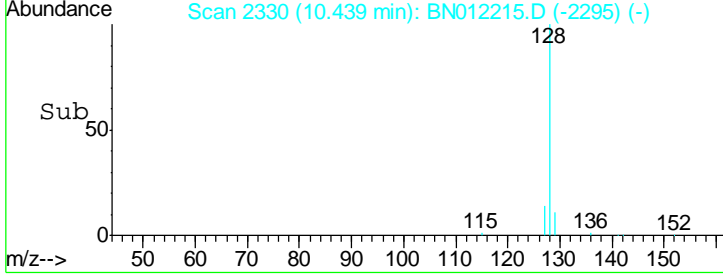
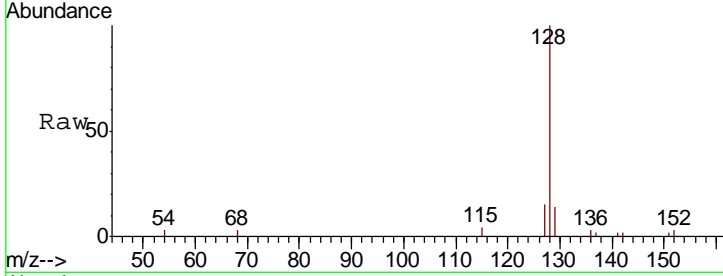




#3  
 Naphthalene  
 Concen: 0.263 ng/ul  
 RT: 10.44 min Scan# 2330  
 Delta R.T. -0.01 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

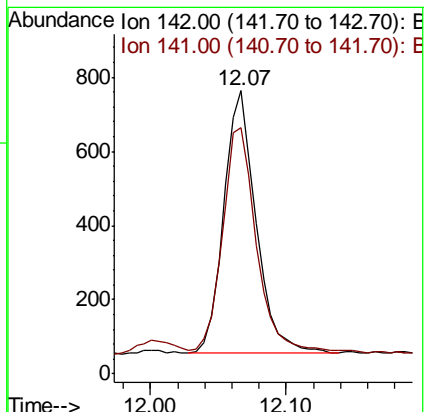
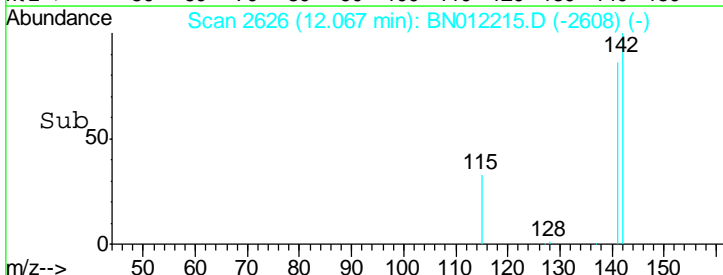
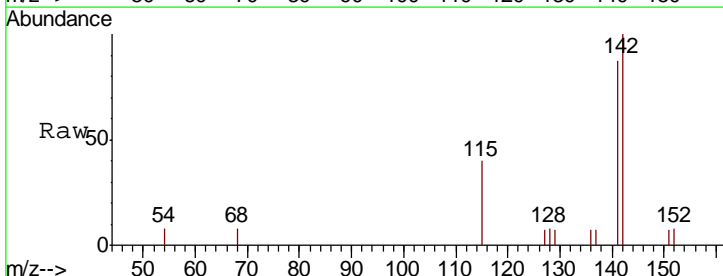
**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 COAL6

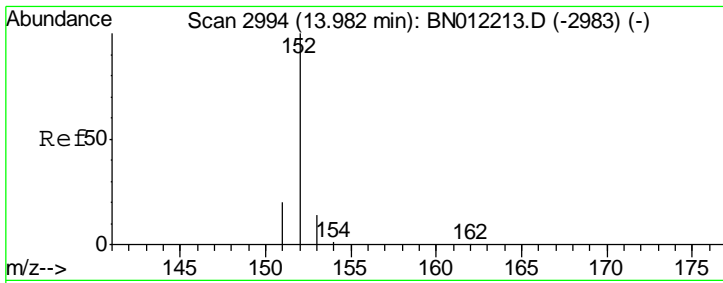
Tgt Ion	Resp	Lower	Upper
128	3625		
129	13.7	10.3	15.5
127	15.5	11.9	17.9



#5  
 2-Methylnaphthalene  
 Concen: 0.133 ng/ul  
 RT: 12.07 min Scan# 2626  
 Delta R.T. 0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

Tgt Ion	Resp	Lower	Upper
142	1162		
141	92.9	71.7	107.5

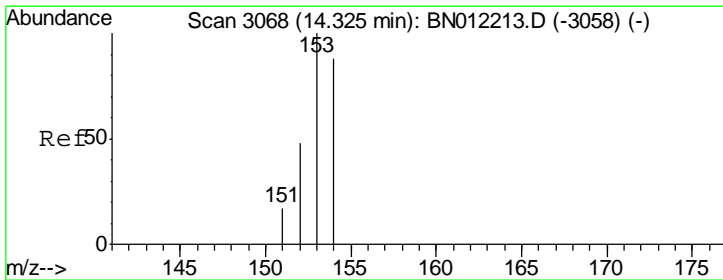
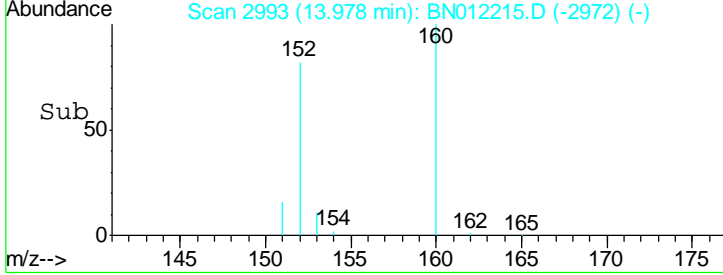
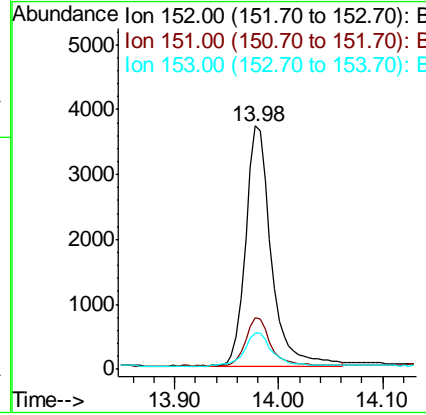
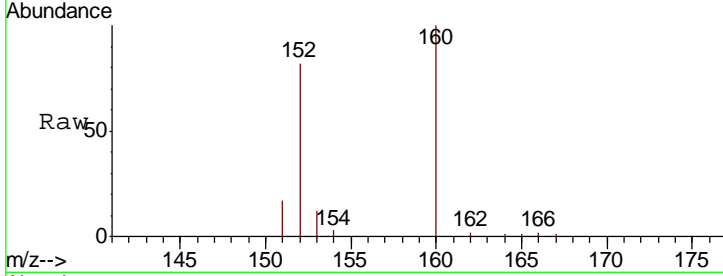




#7  
 Acenaphthylene  
 Concen: 0.507 ng/ul  
 RT: 13.98 min Scan# 2993  
 Delta R.T. -0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

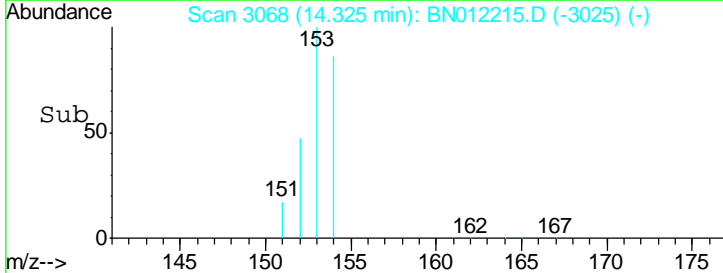
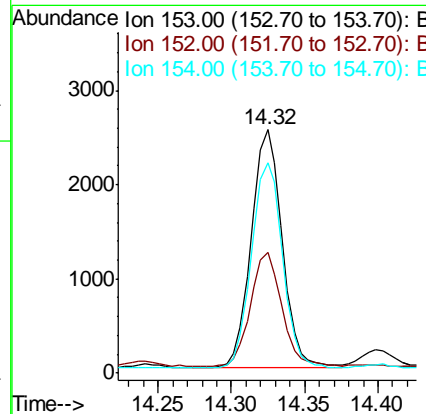
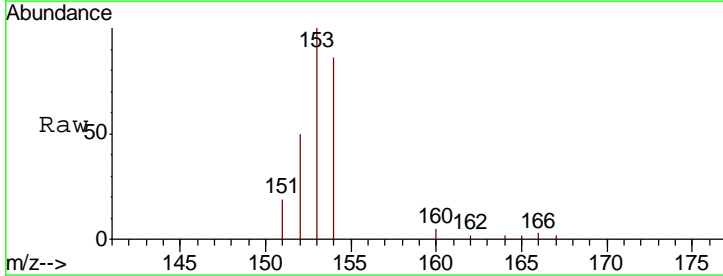
Instrument :  
 BNA\_N  
 ClientSampled :  
 COAL6

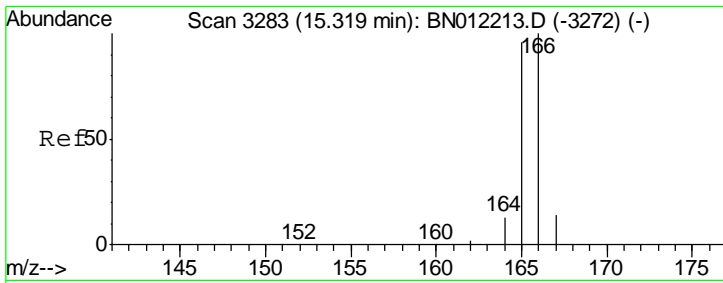
Tgt Ion	Resp	Lower	Upper
152	6309		
151	21.2	16.7	25.1
153	15.0	11.8	17.8



#8  
 Acenaphthene  
 Concen: 0.355 ng/ul  
 RT: 14.32 min Scan# 3068  
 Delta R.T. -0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

Tgt Ion	Resp	Lower	Upper
153	3739		
152	49.7	38.2	57.2
154	86.5	71.1	106.7

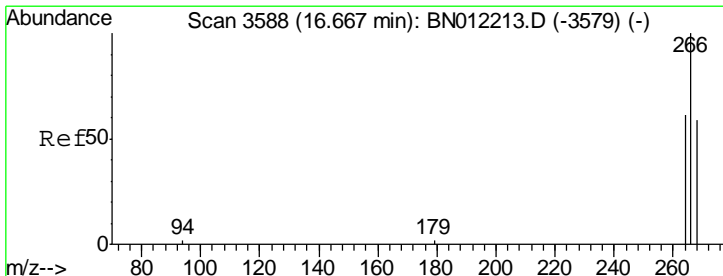
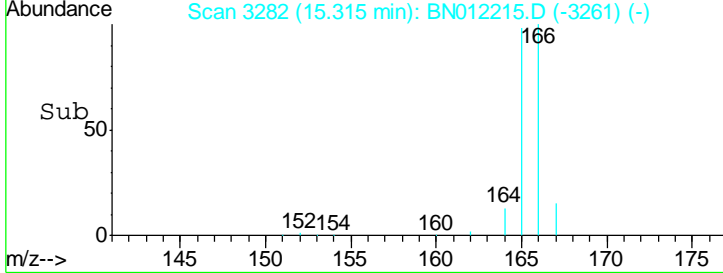
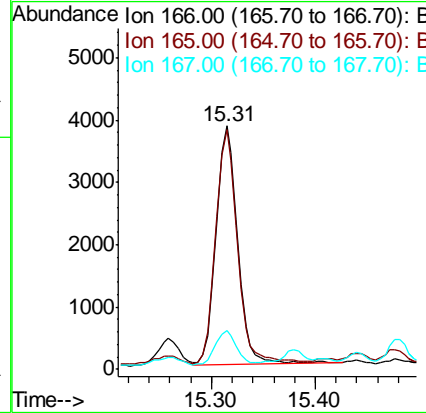
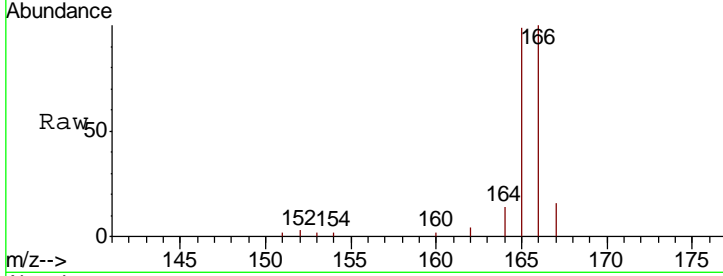




#9  
 Fluorene  
 Concen: 0.474 ng/ul  
 RT: 15.31 min Scan# 3282  
 Delta R.T. -0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

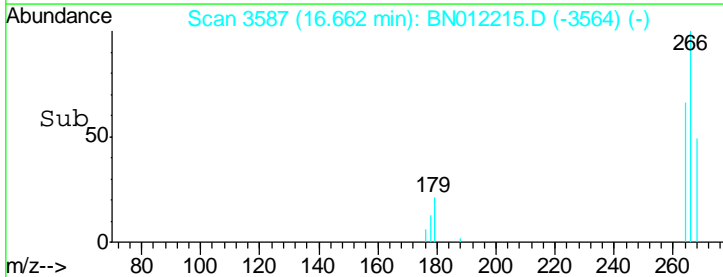
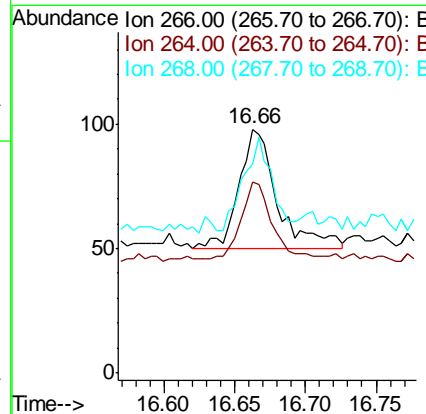
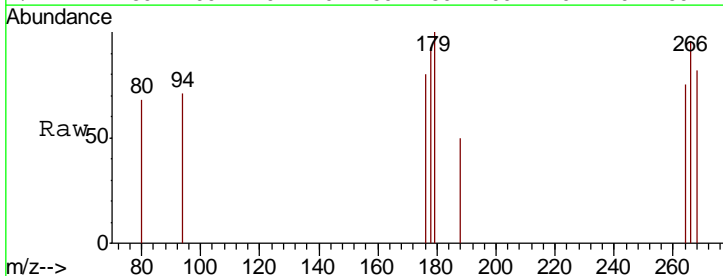
Instrument :  
 BNA\_N  
 ClientSampled :  
 COAL6

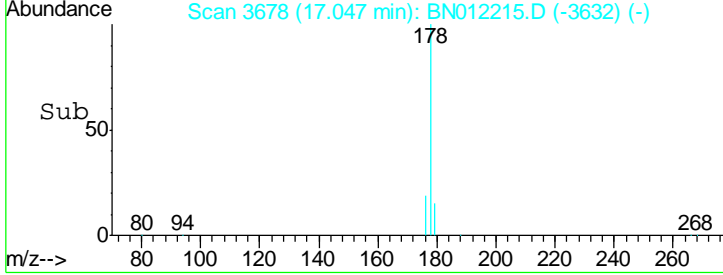
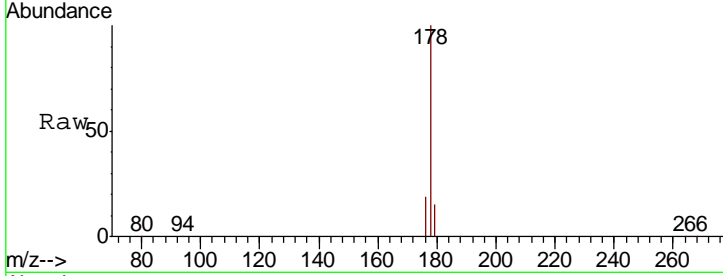
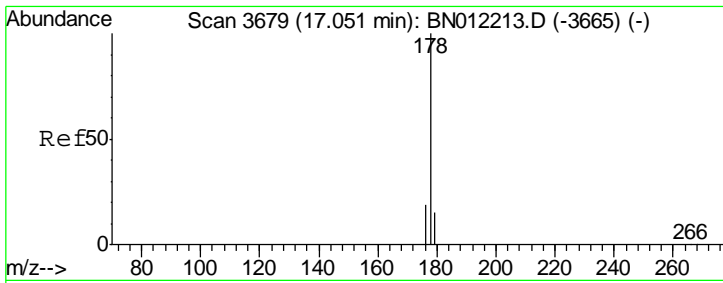
Tgt Ion	Resp	Lower	Upper
166	5552		
165	98.7	78.6	118.0
167	16.1	11.9	17.9



#11  
 Pentachlorophenol  
 Concen: 0.051 ng/ul  
 RT: 16.66 min Scan# 3587  
 Delta R.T. -0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

Tgt Ion	Resp	Lower	Upper
266	90		
264	52.2	50.3	75.5
268	58.9	52.4	78.6

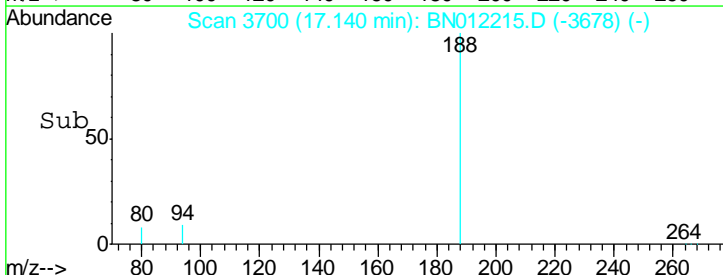
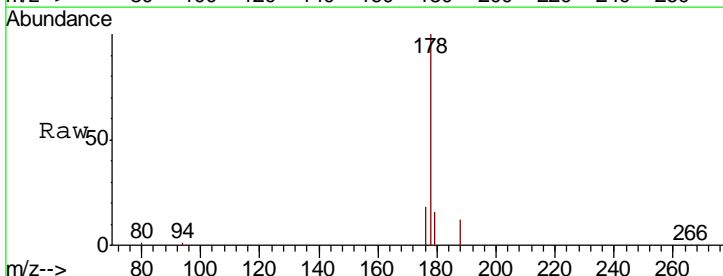
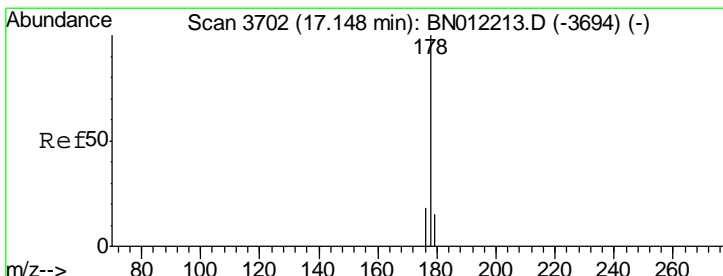
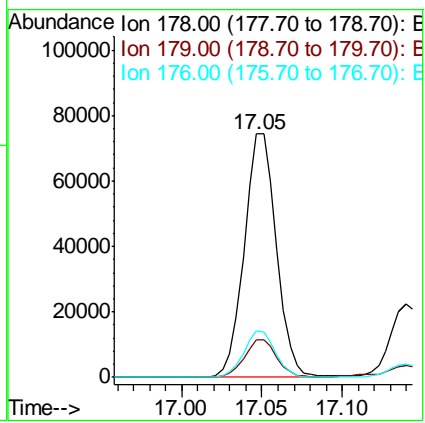




#12  
 Phenanthrene  
 Concen: 5.233 ng/ul  
 RT: 17.05 min Scan# 3678  
 Delta R.T. -0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

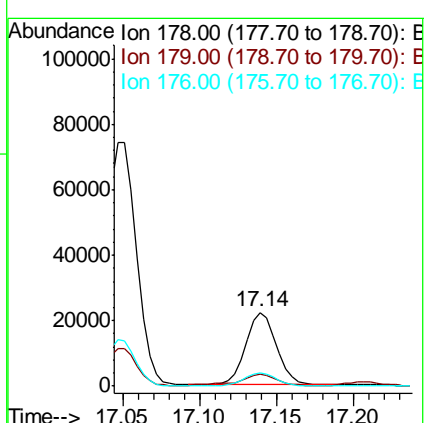
Instrument :  
 BNA\_N  
 ClientSampled :  
 COAL6

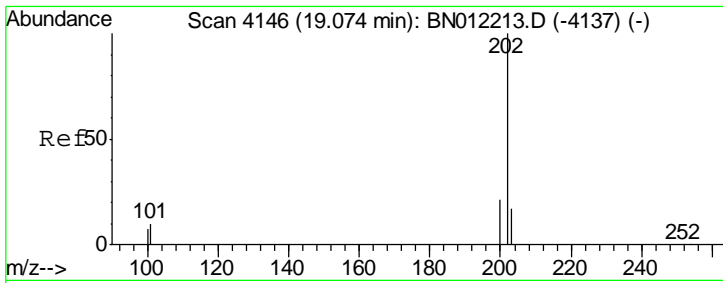
Tgt Ion	Resp	Lower	Upper
178	102809		
179	15.4	13.4	20.2
176	18.9	15.7	23.5



#13  
 Anthracene  
 Concen: 1.841 ng/ul  
 RT: 17.14 min Scan# 3700  
 Delta R.T. -0.01 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

Tgt Ion	Resp	Lower	Upper
178	31024		
179	16.0	13.9	20.9
176	18.2	15.4	23.0

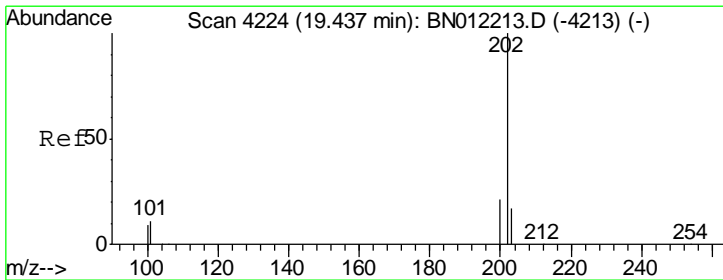
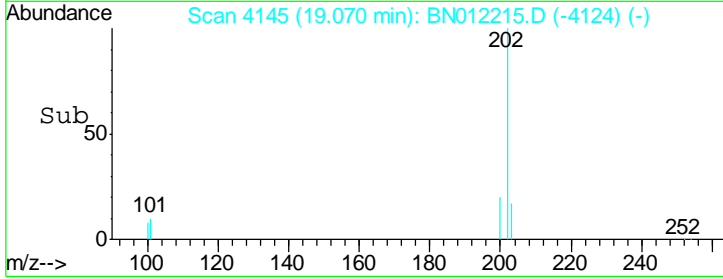
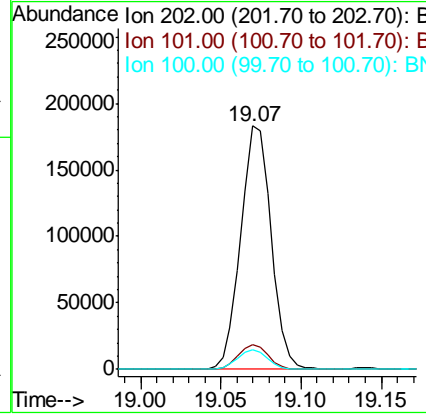
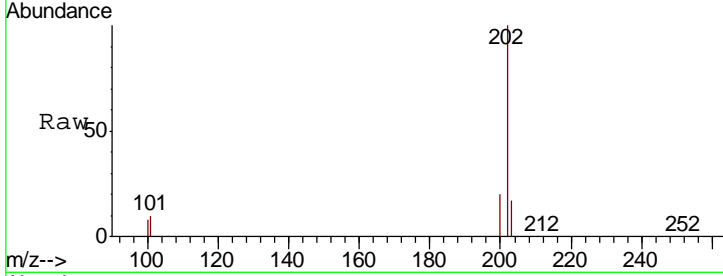




#15  
 Fluoranthene  
 Concen: 10.463 ng/ul  
 RT: 19.07 min Scan# 4145  
 Delta R.T. -0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

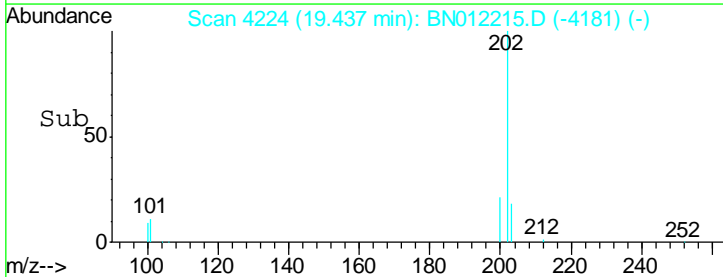
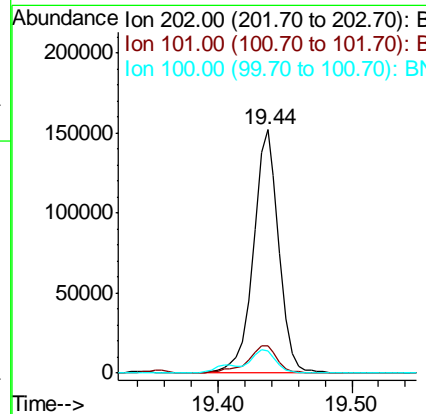
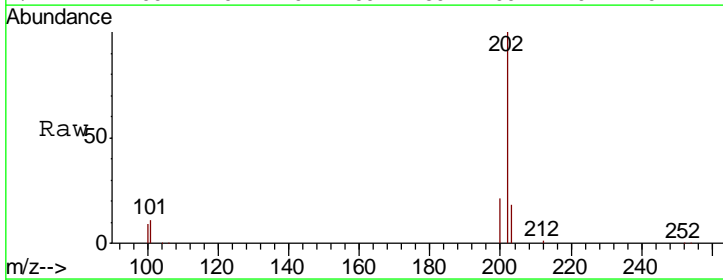
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 BNA\_N  
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 COAL6

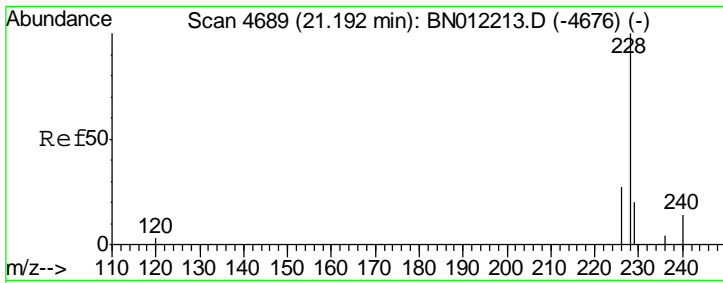
Tgt Ion	Resp	Lower	Upper
202	240358		
101	10.4	0.0	31.0
100	8.0	0.0	28.7



#17  
 Pyrene  
 Concen: 7.034 ng/ul  
 RT: 19.44 min Scan# 4224  
 Delta R.T. 0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

Tgt Ion	Resp	Lower	Upper
202	199565		
101	11.4	9.9	14.9
100	9.3	8.0	12.0

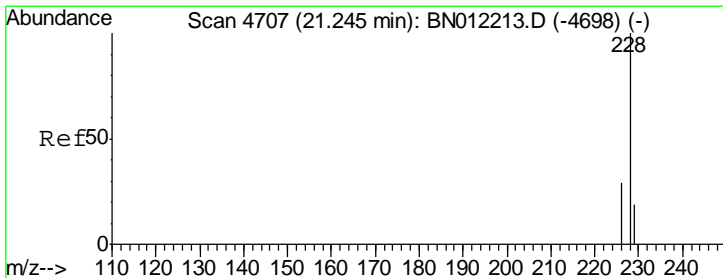
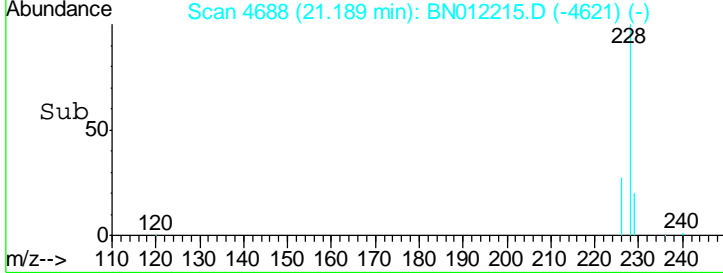
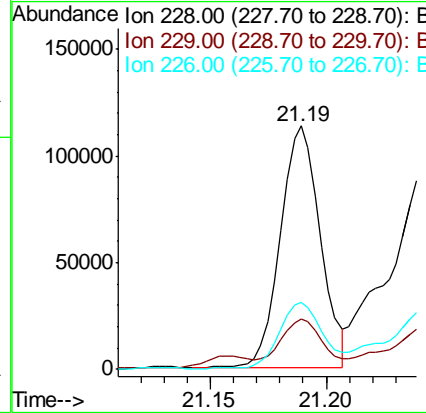
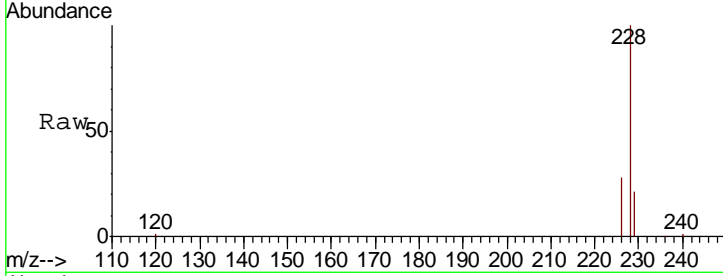




#18  
 Benzo(a)anthracene  
 Concen: 5.800 ng/ul  
 RT: 21.19 min Scan# 4688  
 Delta R.T. -0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

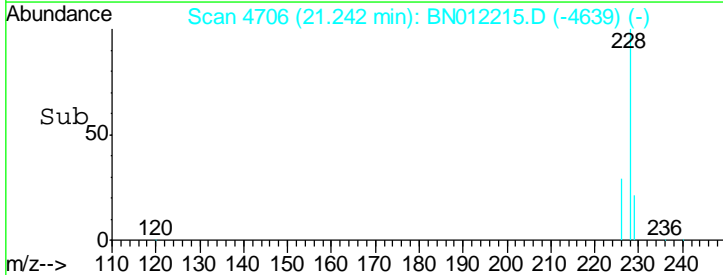
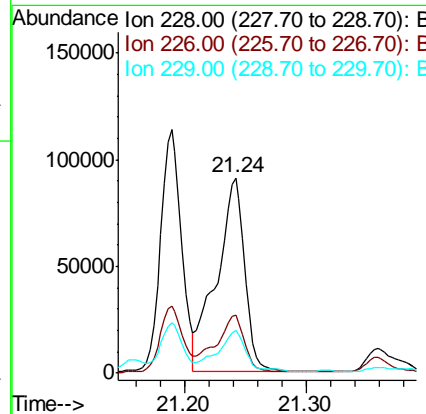
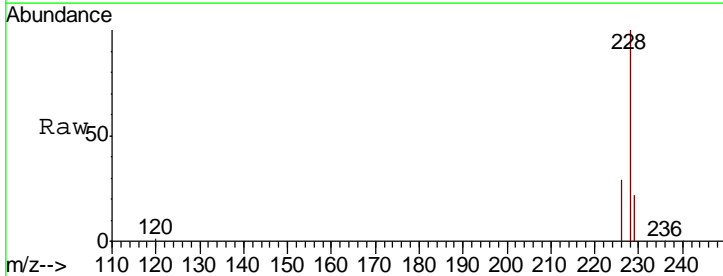
Instrument :  
 BNA\_N  
 ClientSampled :  
 COAL6

Tgt Ion	Resp	Lower	Upper
228	135205		
229	20.8	15.8	23.8
226	27.7	22.6	33.8

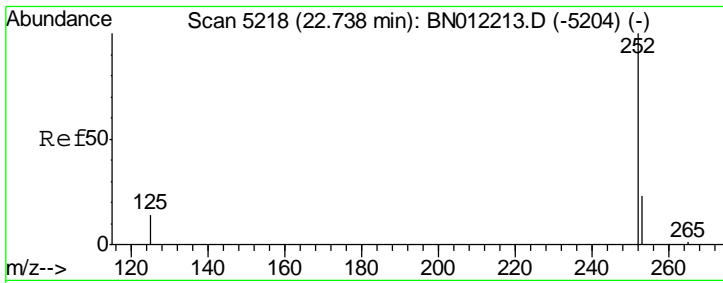


#19  
 Chrysene  
 Concen: 5.167 ng/ul  
 RT: 21.24 min Scan# 4706  
 Delta R.T. -0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

Tgt Ion	Resp	Lower	Upper
228	146738		
226	29.5	24.6	37.0
229	21.8	17.0	25.6



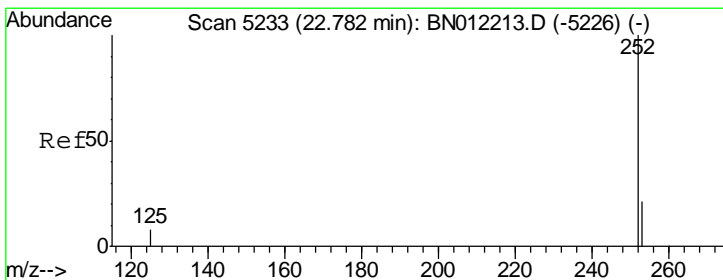
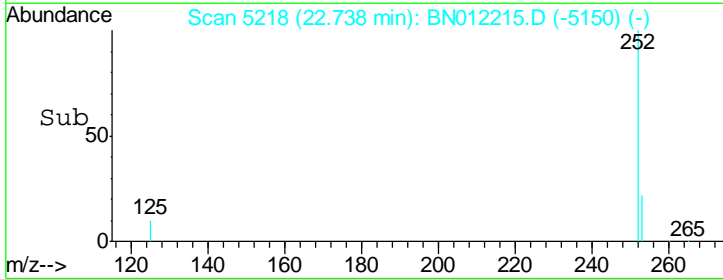
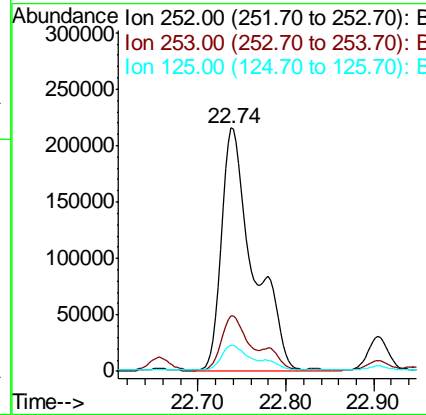
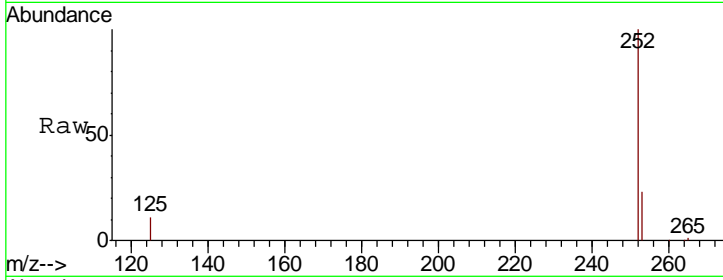




#21  
 Benzo(b)fluoranthene  
 Concen: 19.614 ng/ul  
 RT: 22.74 min Scan# 5218  
 Delta R.T. 0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

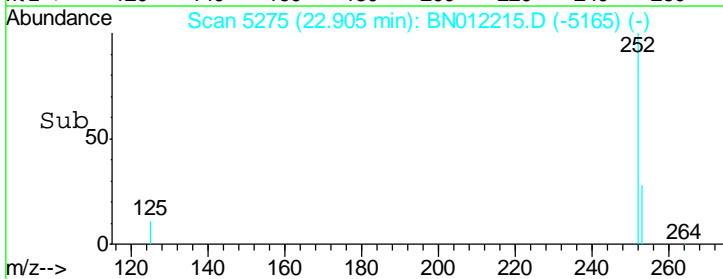
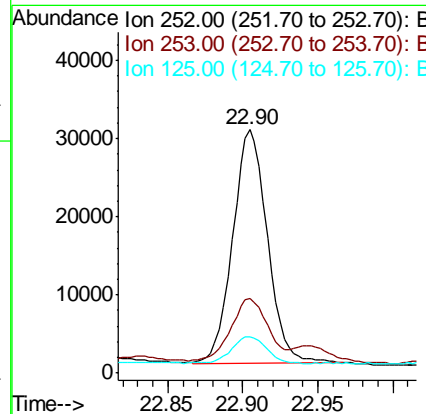
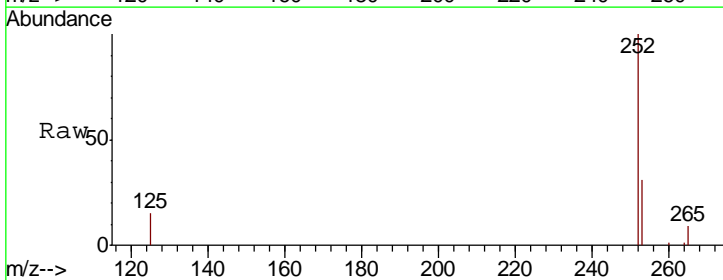
Instrument :  
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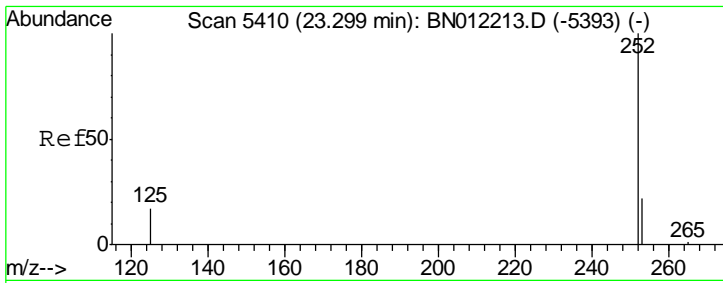
Tgt Ion	Resp	Lower	Upper
252	536972		
253	22.8	0.0	61.6
125	10.6	0.0	36.8



#22  
 Benzo(k)fluoranthene  
 Concen: 1.577 ng/ul  
 RT: 22.90 min Scan# 5275  
 Delta R.T. 0.12 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

Tgt Ion	Resp	Lower	Upper
252	47791		
253	30.6	24.4	36.6
125	15.0	12.9	19.3

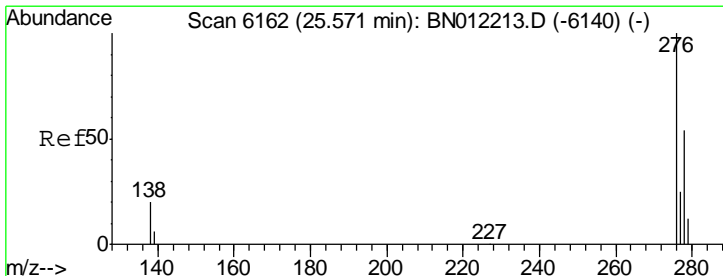
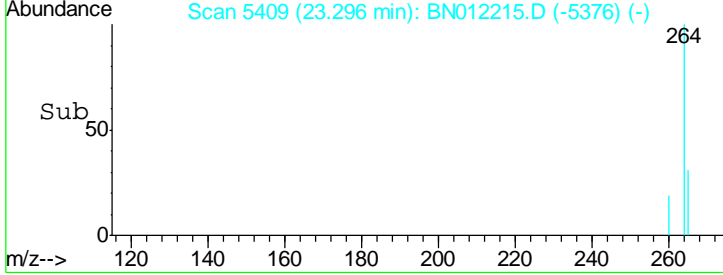
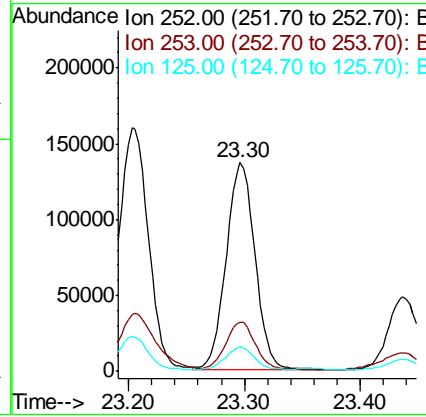
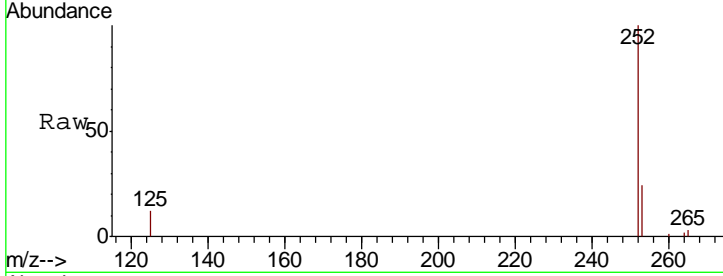




#23  
 Benzo(a)pyrene  
 Concen: 8.777 ng/ul  
 RT: 23.30 min Scan# 5409  
 Delta R.T. -0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

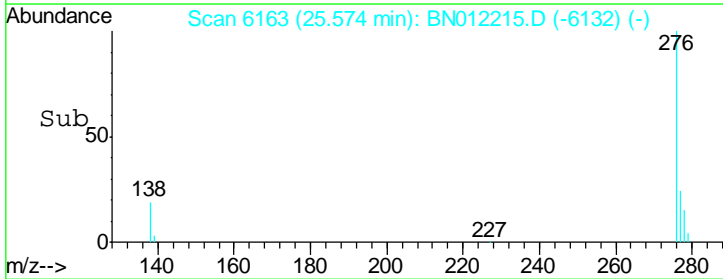
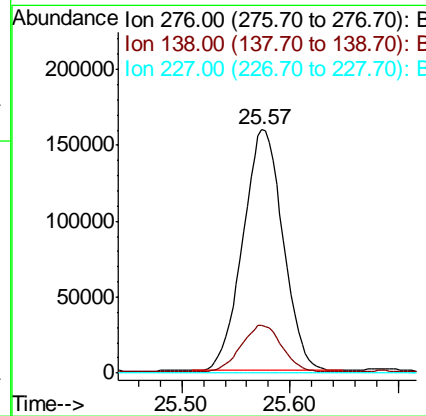
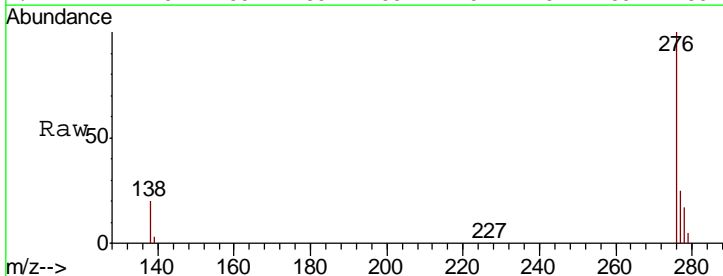
Instrument :  
 BNA\_N  
 ClientSampled :  
 COAL6

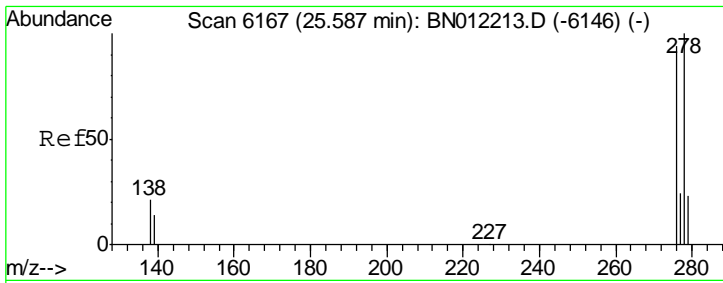
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.7	27.0	40.4#
125	11.6	18.8	28.2#



#24  
 Indeno(1,2,3-cd)pyrene  
 Concen: 11.942 ng/ul  
 RT: 25.57 min Scan# 6163  
 Delta R.T. 0.00 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

Tgt Ion	Resp	Lower	Upper
276	100		
138	19.7	0.0	0.0#
227	0.2	0.0	0.0#

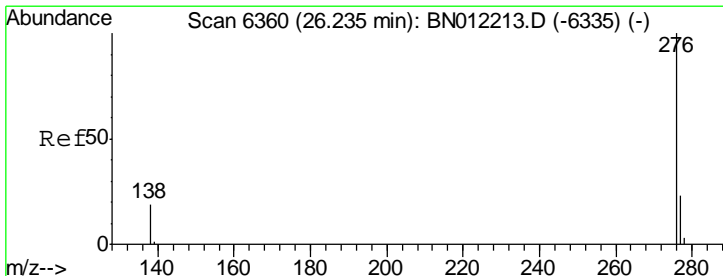
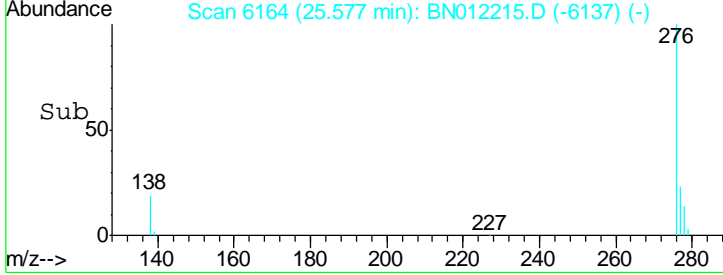
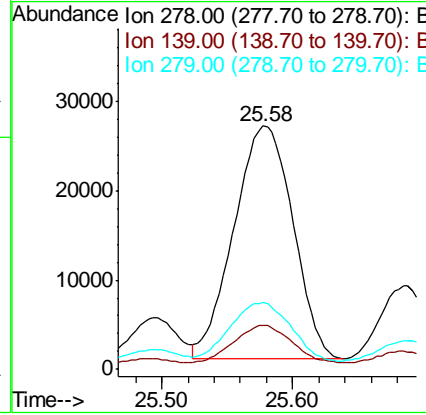
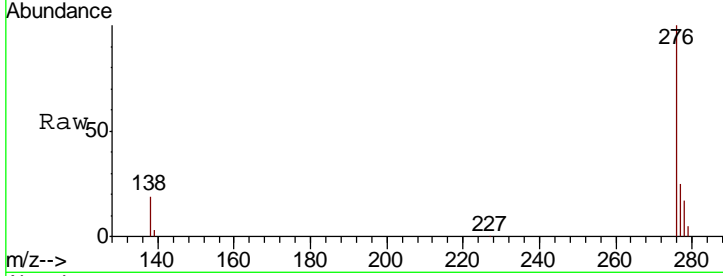




#25  
 Dibenzo(a,h)anthracene  
 Concen: 2.987 ng/ul  
 RT: 25.58 min Scan# 6164  
 Delta R.T. -0.01 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

Instrument :  
 BNA\_N  
 ClientSampled :  
 COAL6

Tgt Ion	Resp	Lower	Upper
278	81760		
278	100		
139	17.9	15.7	23.5
279	27.3	26.0	39.0



#26  
 Benzo(g,h,i)perylene  
 Concen: 11.541 ng/ul  
 RT: 26.24 min Scan# 6363  
 Delta R.T. 0.01 min  
 Lab File: BN012215.D  
 Acq: 15 Oct 2020 04:10

Tgt Ion	Resp	Lower	Upper
276	361916		
276	100		
138	20.9	17.1	25.7
277	23.9	21.1	31.7

