

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
 Data File : BN017315.D
 Acq On : 04 Nov 2021 16:34
 Operator : CG/JU
 Sample : PB140427BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS427

Quant Time: Nov 08 01:09:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 10:42:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

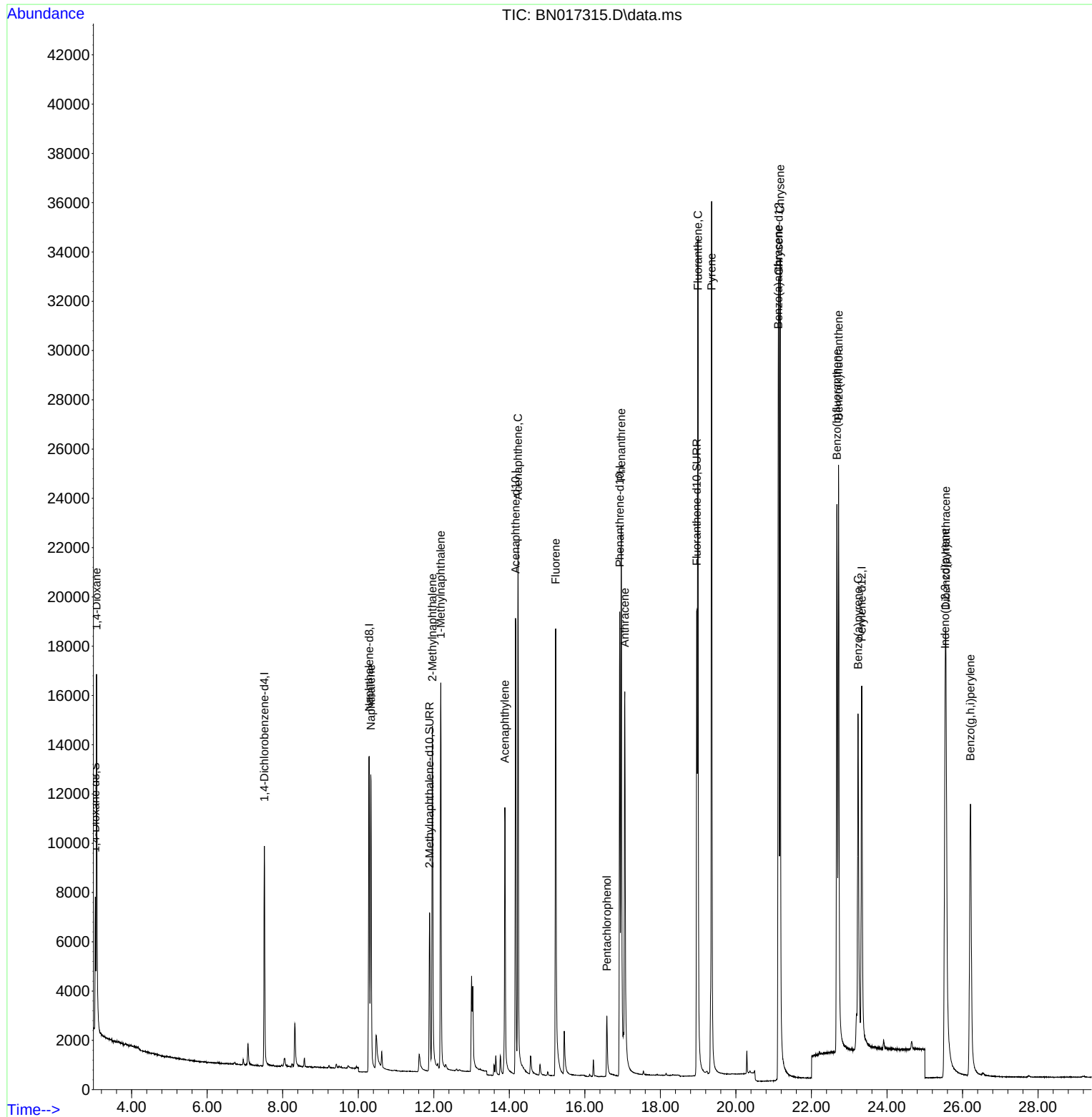
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	4810	0.400	ng/ul	0.00
4) Naphthalene-d8	10.288	136	18844	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.165	164	10940	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.922	188	24206	0.400	ng/ul	0.00
17) Chrysene-d12	21.135	240	22797	0.400	ng/ul	0.00
23) Perylene-d12	23.332	264	19926	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	3482	0.651	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	9397	0.341	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	22987	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.071	88	9098	1.584	ng/ul#	77
5) Naphthalene	10.332	128	17512	0.335	ng/ul	100
7) 2-Methylnaphthalene	11.965	142	11614	0.322	ng/ul	100
8) 1-Methylnaphthalene	12.185	142	11589	0.314	ng/ul	100
10) Acenaphthylene	13.883	152	14489	0.335	ng/ul	100
11) Acenaphthene	14.230	153	13214	0.348	ng/ul	99
12) Fluorene	15.229	166	14948	0.337	ng/ul	99
14) Pentachlorophenol	16.580	266	2116	0.388	ng/ul	100
15) Phenanthrene	16.964	178	26381	0.344	ng/ul	100
16) Anthracene	17.057	178	21396	0.336	ng/ul	100
19) Fluoranthene	18.993	202	30461	0.373	ng/ul	99
20) Pyrene	19.356	202	31163	0.372	ng/ul	98
21) Benzo(a)anthracene	21.120	228	23990	0.321	ng/ul	99
22) Chrysene	21.173	228	31120	0.368	ng/ul	99
24) Benzo(b)fluoranthene	22.675	252	29227	0.393	ng/ul	100
25) Benzo(k)fluoranthene	22.718	252	32340	0.384	ng/ul	99
26) Benzo(a)pyrene	23.233	252	23557	0.354	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.538	276	29526	0.312	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.561	278	23151	0.310	ng/ul	99
29) Benzo(g,h,i)perylene	26.212	276	25633	0.320	ng/ul	99

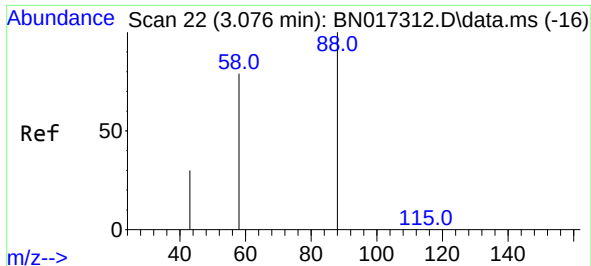
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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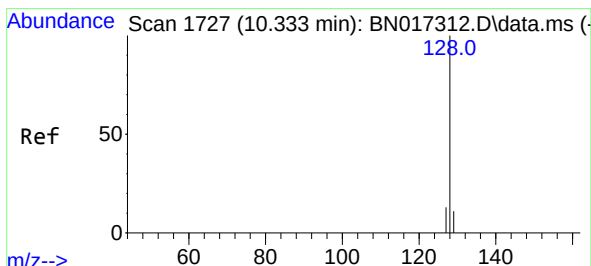
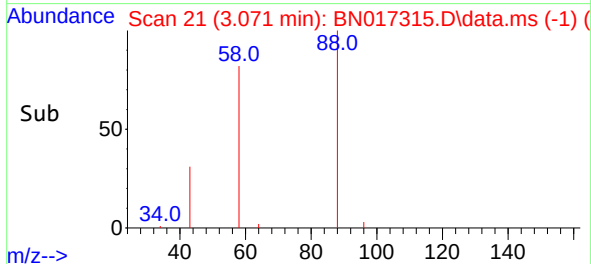
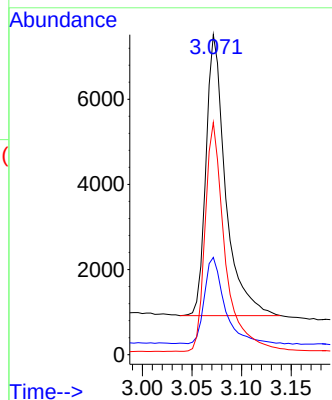
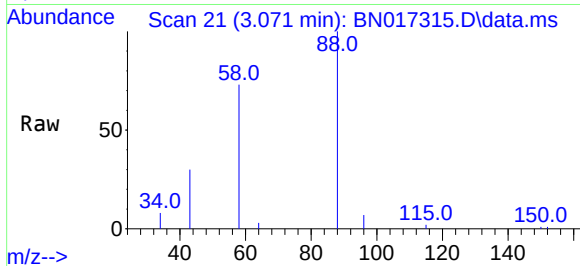




#2
1,4-Dioxane
Concen: 1.584 ng/ul
RT: 3.071 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

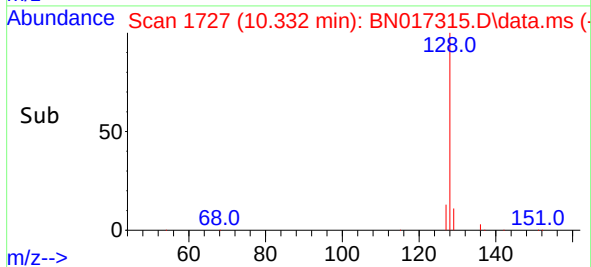
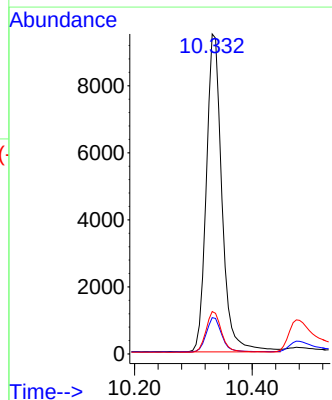
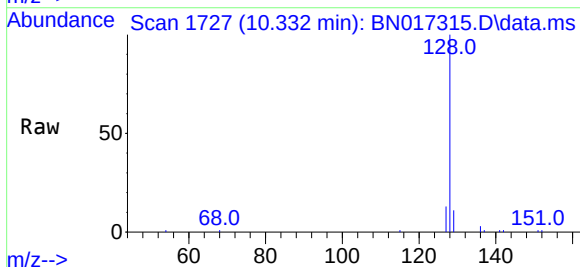
Instrument :
BNA_N
ClientSampleId :
SLCS427

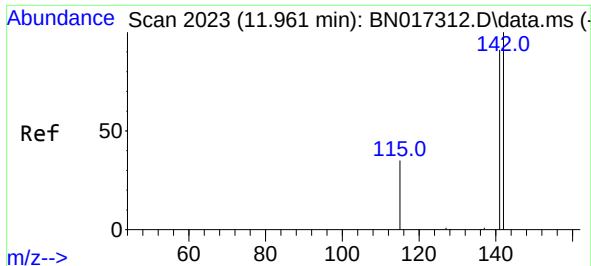
Tgt Ion: 88 Resp: 9098
Ion Ratio Lower Upper
88 100
43 30.4 31.8 47.6#
58 72.5 41.9 62.9#



#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.332 min Scan# 1727
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Tgt Ion:128 Resp: 17512
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 10.8 16.2

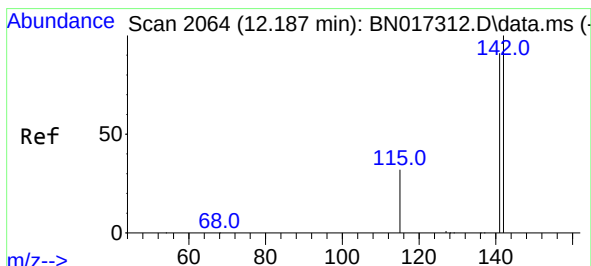
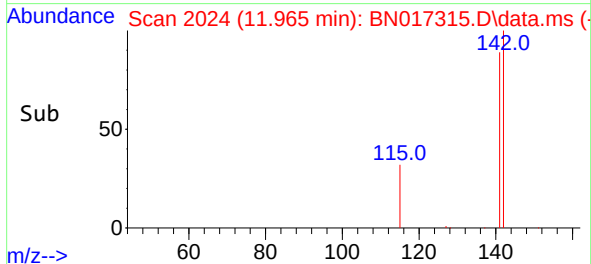
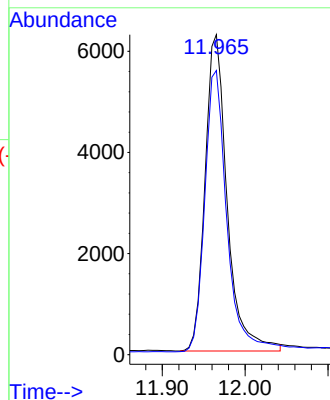
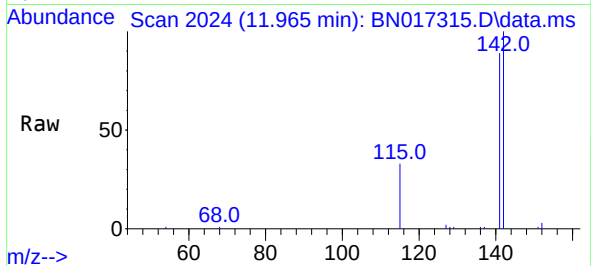




#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 11.965 min Scan# 2023
Delta R.T. 0.004 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

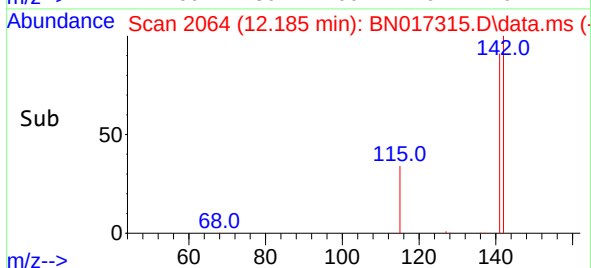
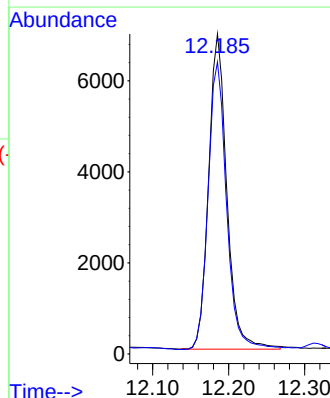
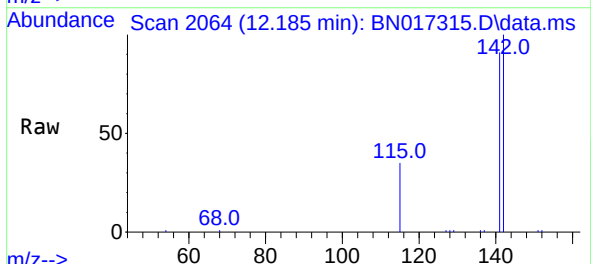
Instrument :
BNA_N
ClientSampleId :
SLCS427

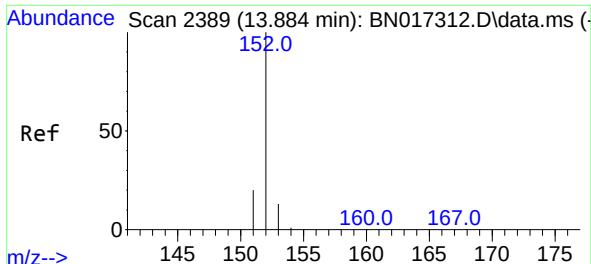
Tgt Ion:142 Resp: 11614
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Tgt Ion:142 Resp: 11589
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.8

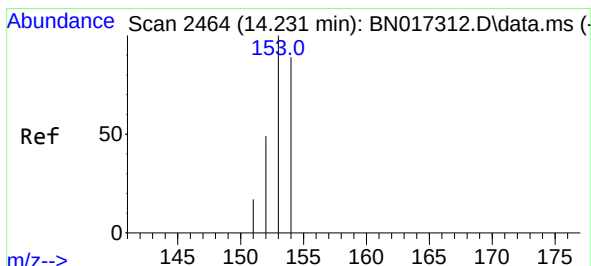
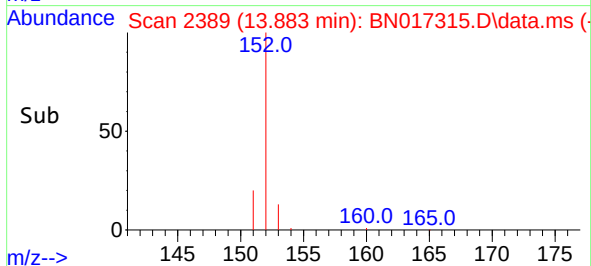
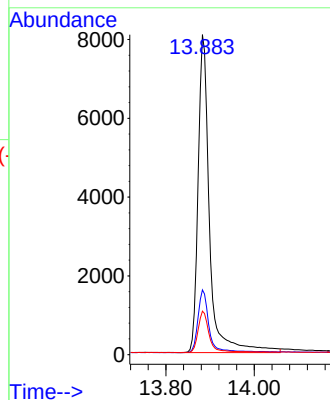
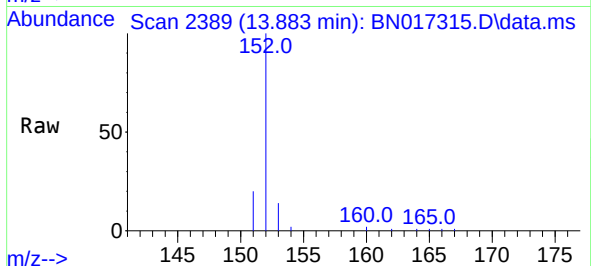




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 13.883 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

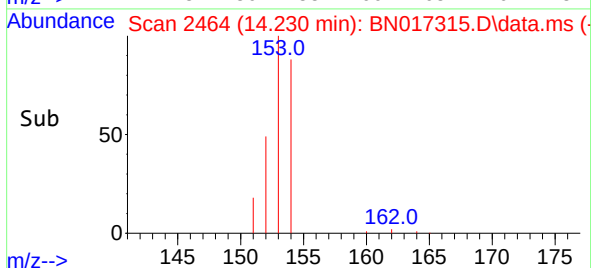
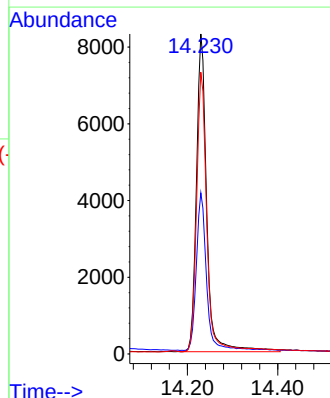
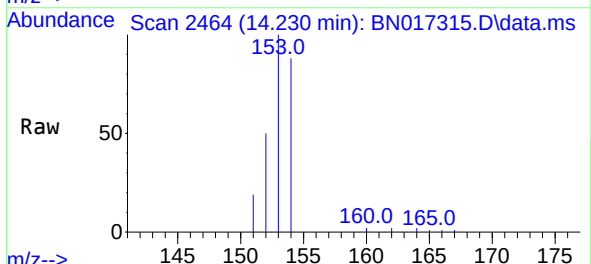
Instrument :
BNA_N
ClientSampleId :
SLCS427

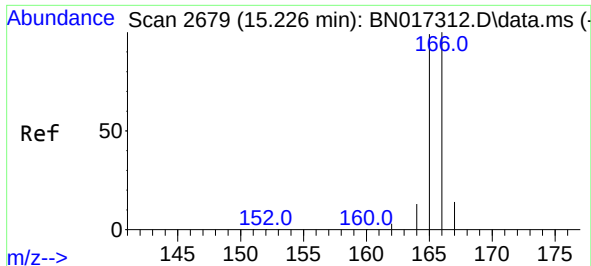
Tgt Ion:152 Resp: 14489
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.230 min Scan# 2464
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Tgt Ion:153 Resp: 13214
Ion Ratio Lower Upper
153 100
152 50.3 39.5 59.3
154 88.1 70.0 105.0

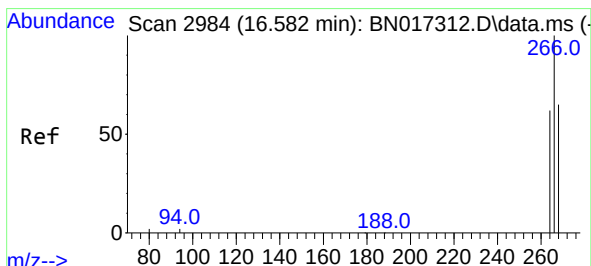
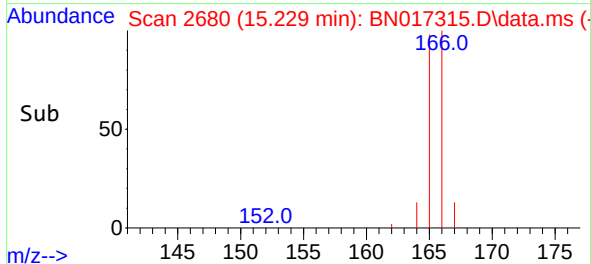
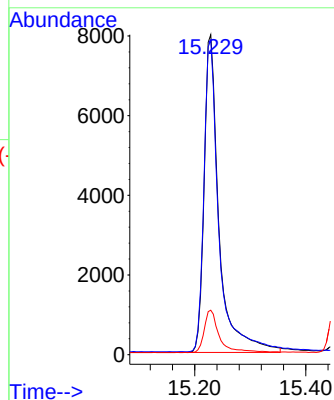
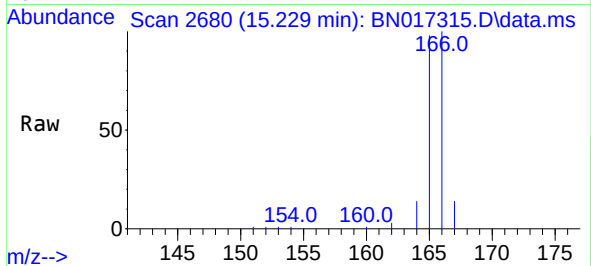




#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.229 min Scan# 2679
Delta R.T. 0.003 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

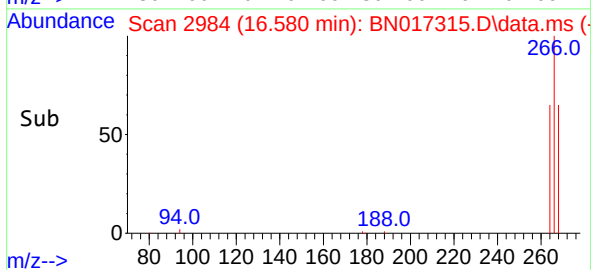
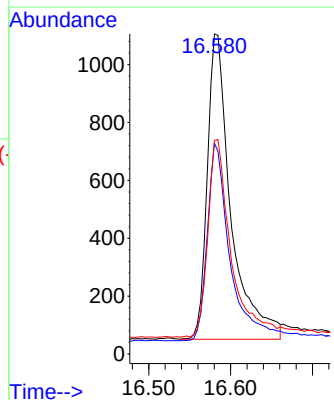
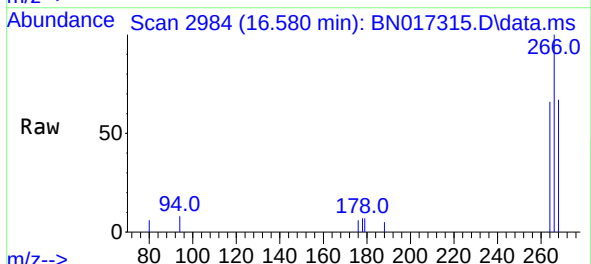
Instrument :
BNA_N
ClientSampleId :
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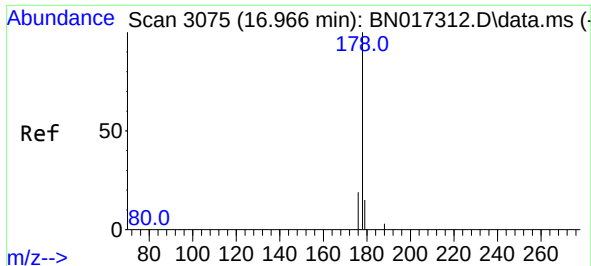
Tgt Ion:166 Resp: 14948
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 13.9 11.1 16.7



#14
Pentachlorophenol
Concen: 0.388 ng/ul
RT: 16.580 min Scan# 2984
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Tgt Ion:266 Resp: 2116
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 64.1 51.2 76.8

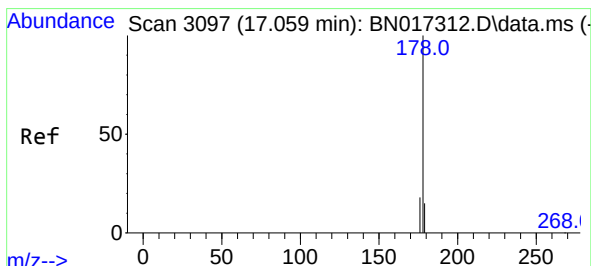
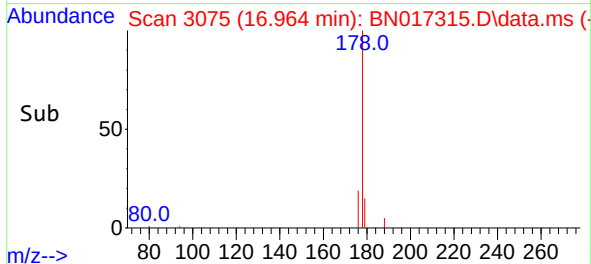
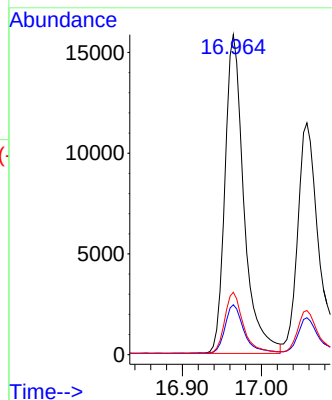
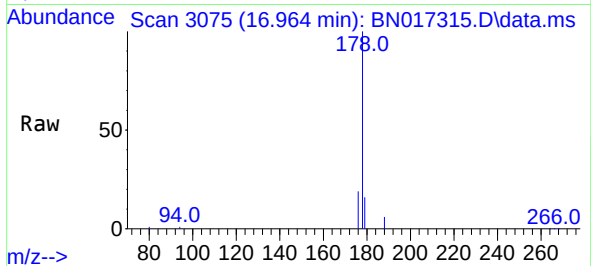




#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 16.964 min Scan# 3075
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

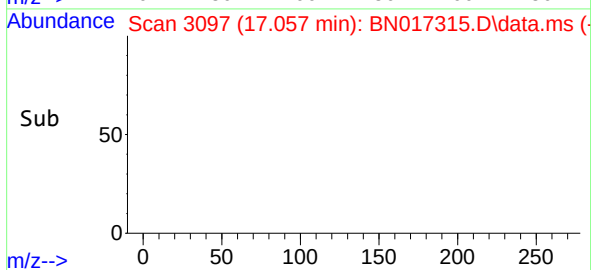
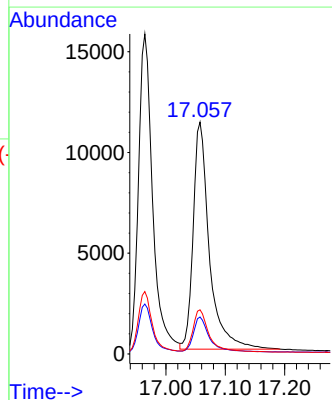
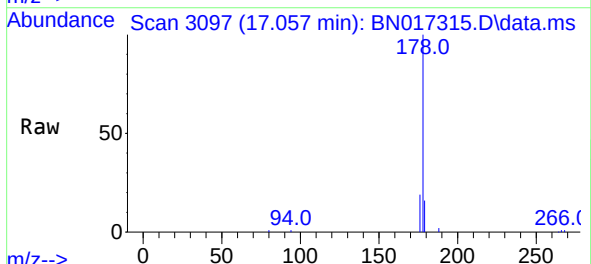
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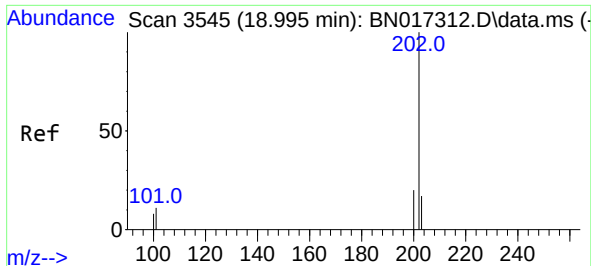
Tgt Ion:	178	Resp:	26381
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	19.5	15.5	23.3



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.057 min Scan# 3097
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Tgt Ion:	178	Resp:	21396
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	19.1	15.2	22.8

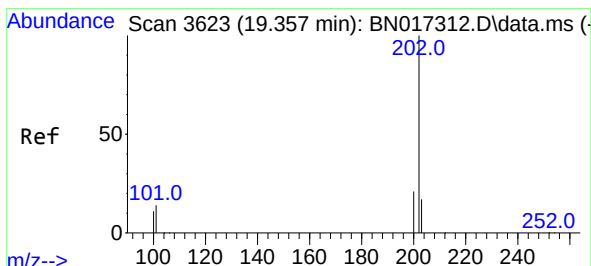
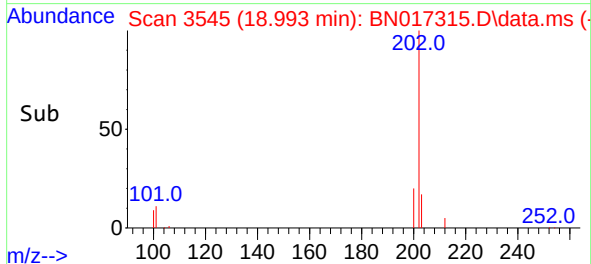
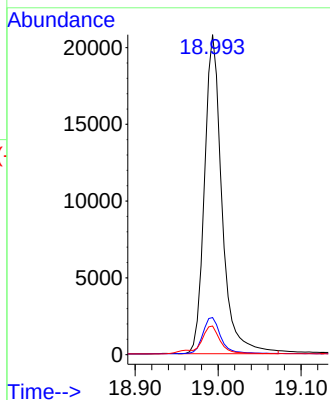
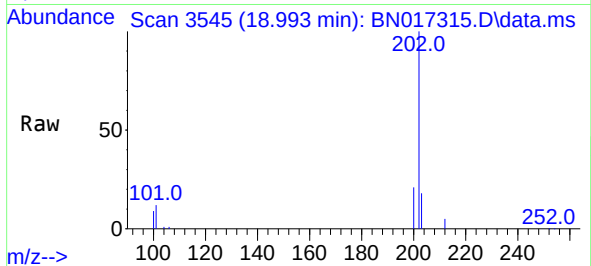




#19
Fluoranthene
Concen: 0.373 ng/u1
RT: 18.993 min Scan# 3545
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

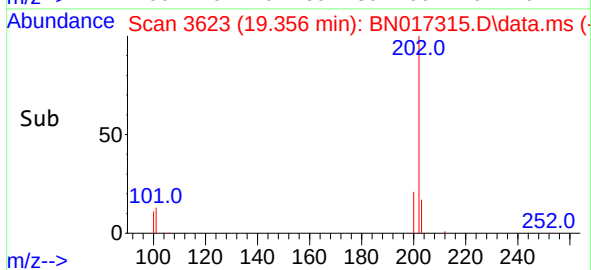
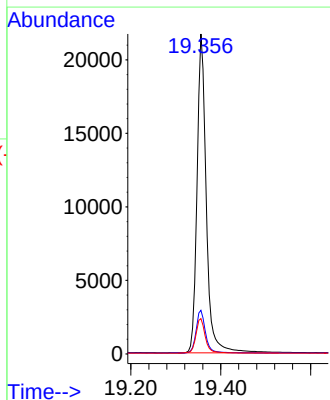
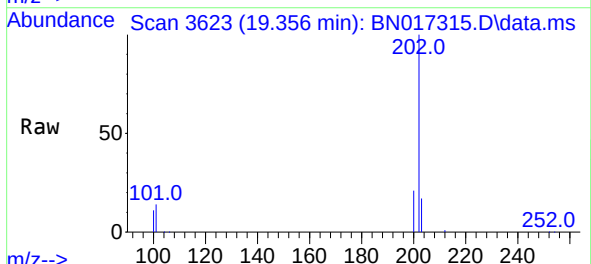
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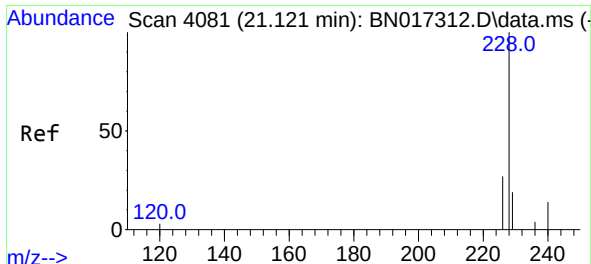
Tgt Ion:202 Resp: 30461
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 8.9 7.2 10.8



#20
Pyrene
Concen: 0.372 ng/u1
RT: 19.356 min Scan# 3623
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Tgt Ion:202 Resp: 31163
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 11.1 8.2 12.2



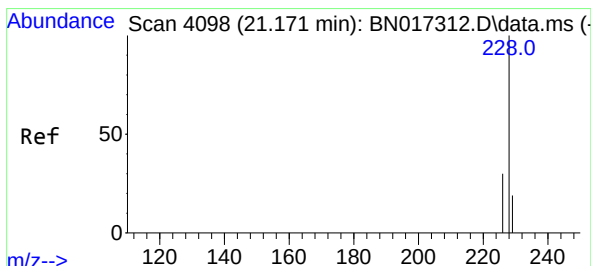
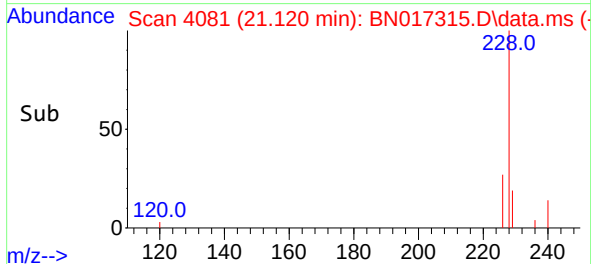
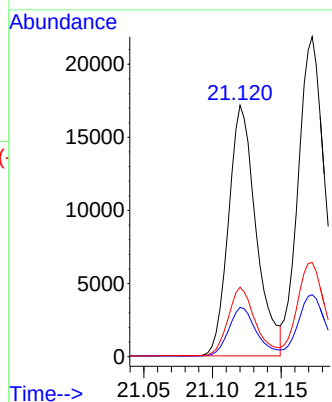
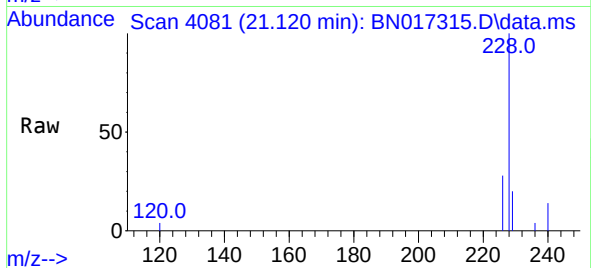


#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Instrument :
BNA_N
ClientSampleId :
SLCS427

Tgt Ion:228 Resp: 23990

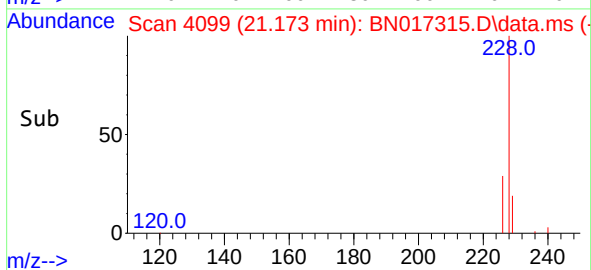
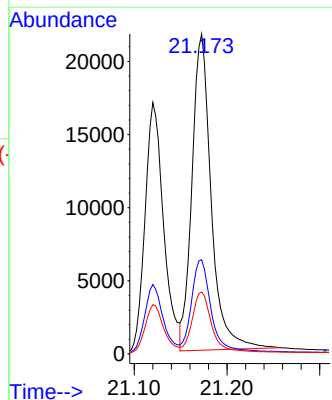
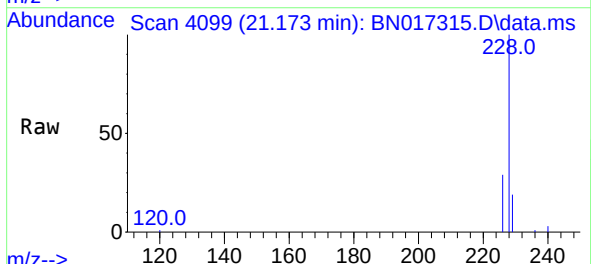
Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.1	24.1
226	27.6	21.7	32.5

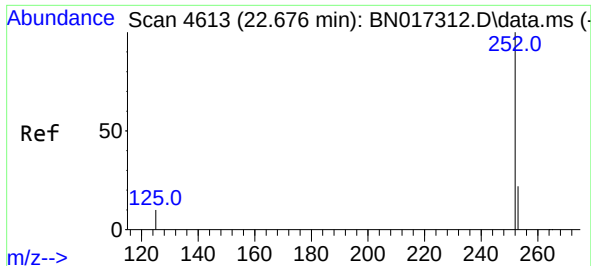


#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.173 min Scan# 4099
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Tgt Ion:228 Resp: 31120

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.3	15.4	23.2

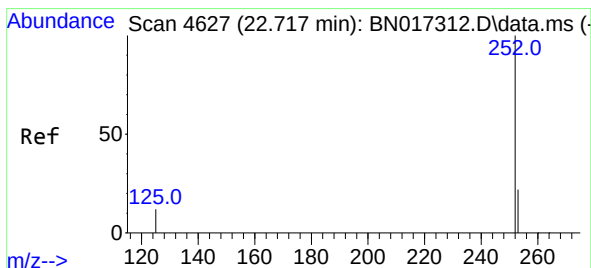
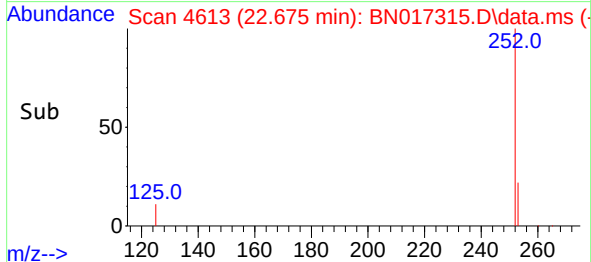
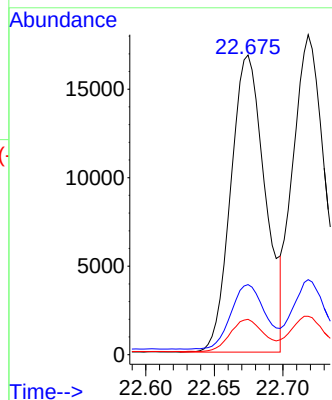
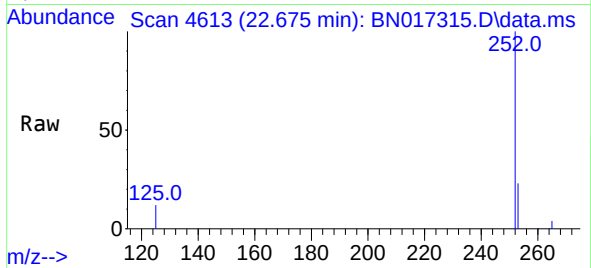




#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 22.675 min Scan# 4613
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

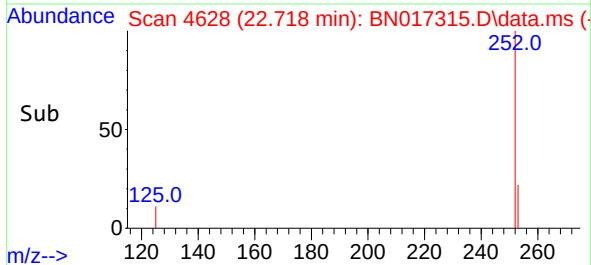
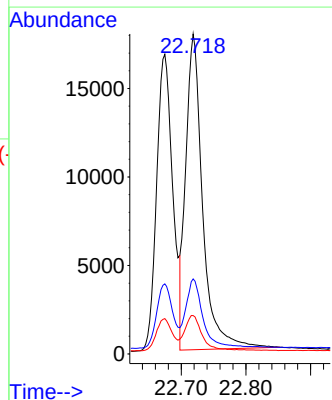
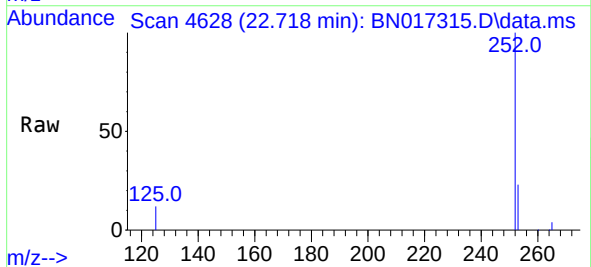
Instrument :
BNA_N
ClientSampleId :
SLCS427

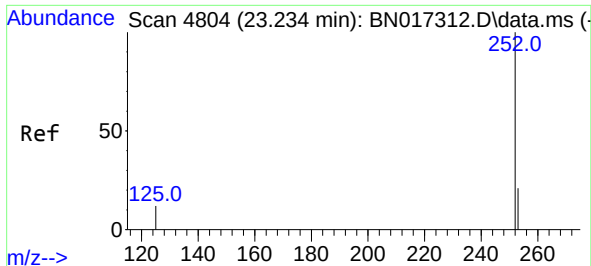
Tgt Ion:	252	Resp:	29227
Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	46.8
125	11.8	0.0	23.8



#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 22.718 min Scan# 4628
Delta R.T. -0.001 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

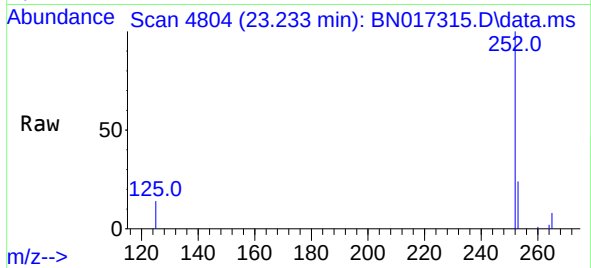
Tgt Ion:	252	Resp:	32340
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	12.0	10.0	15.0



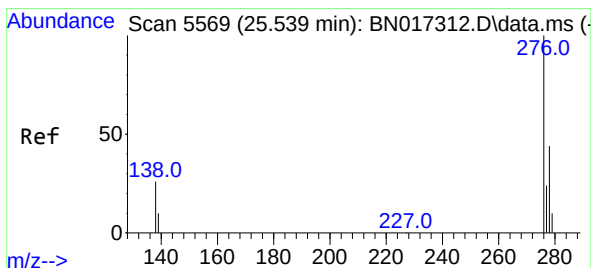
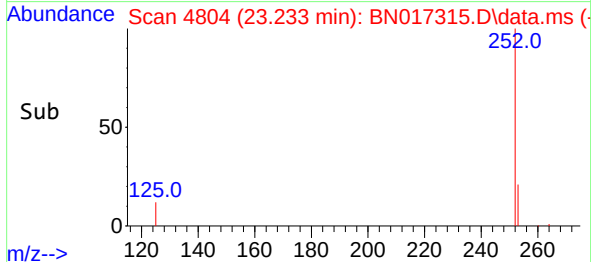
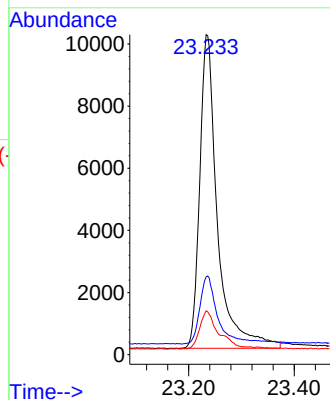


#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.233 min Scan# 4804
Delta R.T. -0.004 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Instrument :
BNA_N
ClientSampleId :
SLCS427

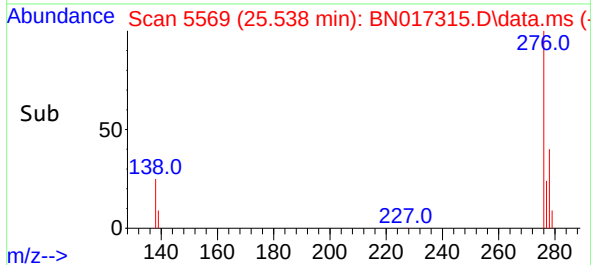
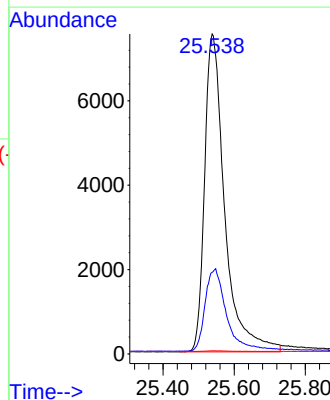
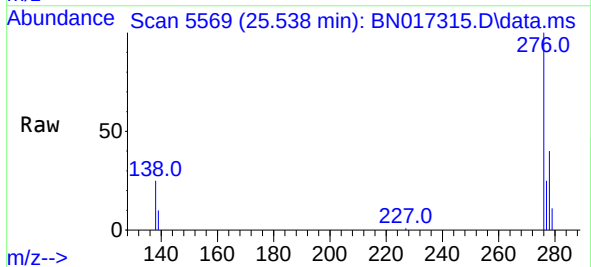


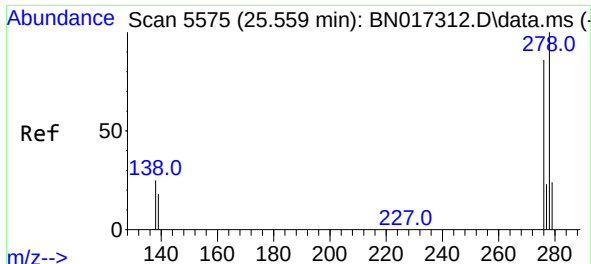
Tgt Ion:	252	Resp:	23557
Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.3	28.9
125	13.7	10.8	16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.312 ng/ul
RT: 25.538 min Scan# 5569
Delta R.T. -0.004 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Tgt Ion:	276	Resp:	29526
Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.2	33.4
227	0.2	0.0	0.0

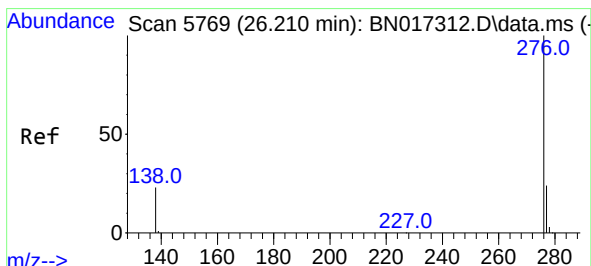
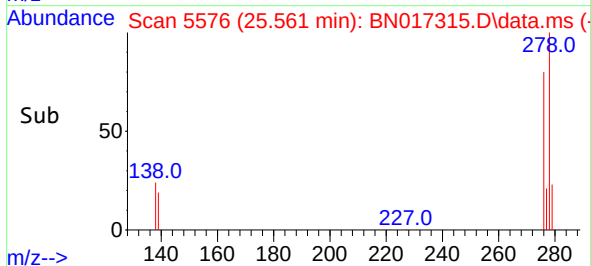
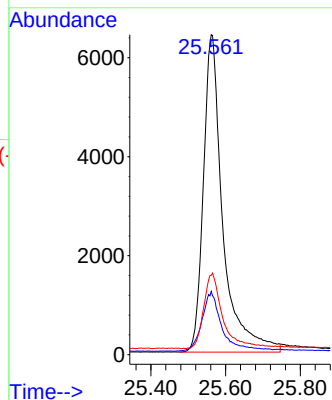
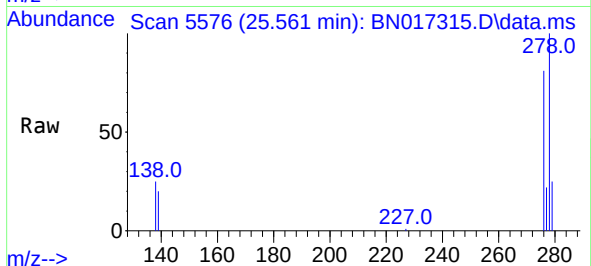




#28
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 25.561 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Instrument :
BNA_N
ClientSampleId :
SLCS427

Tgt Ion:278 Resp: 23151
Ion Ratio Lower Upper
278 100
139 19.8 15.4 23.0
279 24.8 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.320 ng/ul
RT: 26.212 min Scan# 5770
Delta R.T. 0.002 min
Lab File: BN017315.D
Acq: 04 Nov 2021 16:34

Tgt Ion:276 Resp: 25633
Ion Ratio Lower Upper
276 100
138 23.8 19.2 28.8
277 24.4 19.0 28.6

