

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
 Data File : BN017053.D
 Acq On : 21 Oct 2021 19:10
 Operator : CG/JU
 Sample : PB140020BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS020

Quant Time: Oct 22 02:12:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN101921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 21 10:28:56 2021
 Response via : Initial Calibration

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

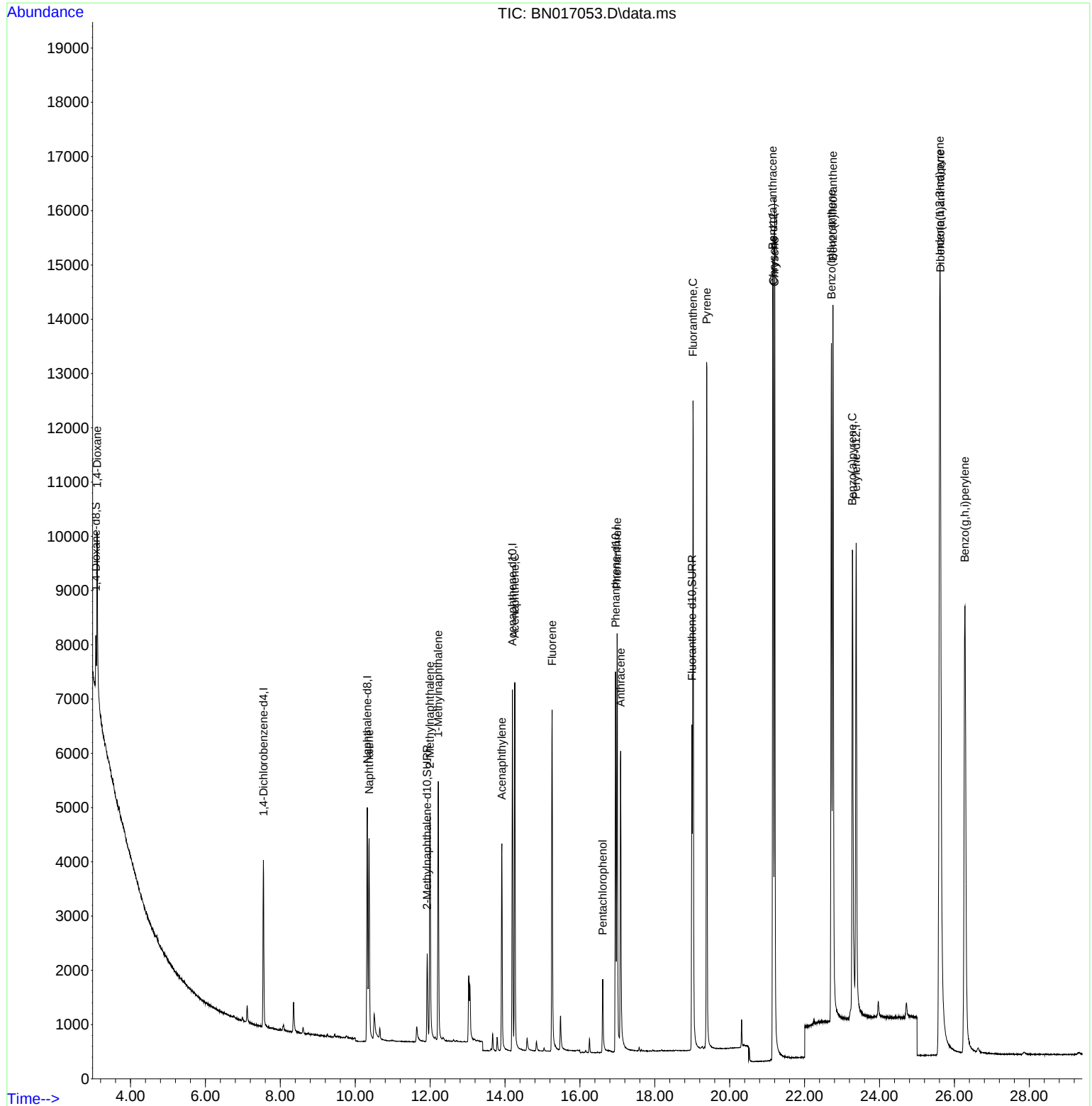
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	1614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	6236	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	3680	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.952	188	8347	0.400	ng/ul	0.00
17) Chrysene-d12	21.164	240	9761	0.400	ng/ul	0.00
23) Perylene-d12	23.376	264	11706	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	855	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	2455	0.276	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	7063	0.293	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.109	88	2404	1.139	ng/ul#	47
5) Naphthalene	10.370	128	5460	0.289	ng/ul	98
7) 2-Methylnaphthalene	11.998	142	3485	0.297	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	3571	0.298	ng/ul	100
10) Acenaphthylene	13.915	152	4848	0.326	ng/ul	99
11) Acenaphthene	14.262	153	4048	0.317	ng/ul	98
12) Fluorene	15.257	166	4503	0.305	ng/ul	99
14) Pentachlorophenol	16.610	266	1065	0.530	ng/ul	99
15) Phenanthrene	16.994	178	8583	0.324	ng/ul	100
16) Anthracene	17.087	178	6897	0.308	ng/ul	99
19) Fluoranthene	19.021	202	10801	0.323	ng/ul	100
20) Pyrene	19.388	202	11279	0.328	ng/ul	98
21) Benzo(a)anthracene	21.149	228	11098	0.349	ng/ul	100
22) Chrysene	21.199	228	14120	0.390	ng/ul	99
24) Benzo(b)fluoranthene	22.715	252	15847	0.360	ng/ul	100
25) Benzo(k)fluoranthene	22.756	252	18160	0.374	ng/ul	99
26) Benzo(a)pyrene	23.277	252	14339	0.364	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.608	276	21928	0.392	ng/ul	99
28) Dibenzo(a,h)anthracene	25.625	278	17173	0.386	ng/ul	99
29) Benzo(g,h,i)perylene	26.279	276	18883	0.390	ng/ul	99

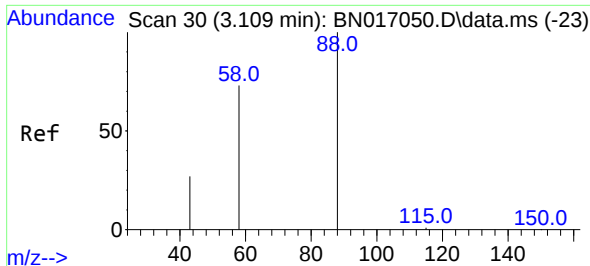
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
Data File : BN017053.D
Acq On : 21 Oct 2021 19:10
Operator : CG/JU
Sample : PB140020BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS020

Quant Time: Oct 22 02:12:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN101921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 21 10:28:56 2021
Response via : Initial Calibration

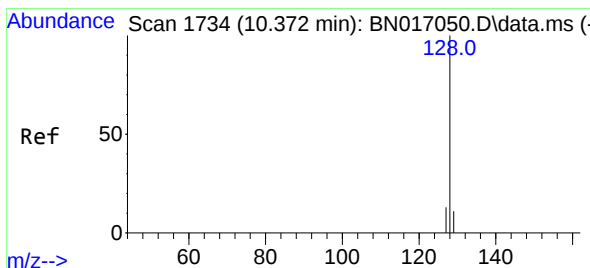
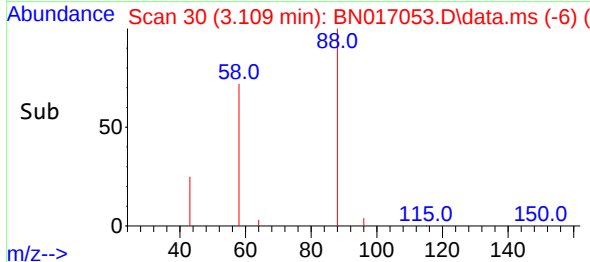
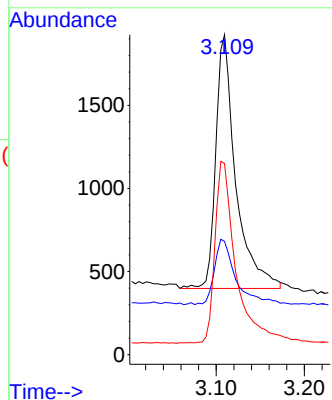
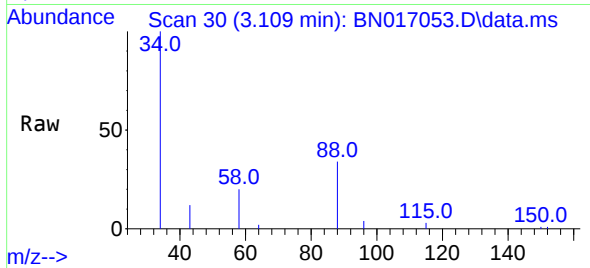




#2
1,4-Dioxane
Concen: 1.139 ng/ul
RT: 3.109 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

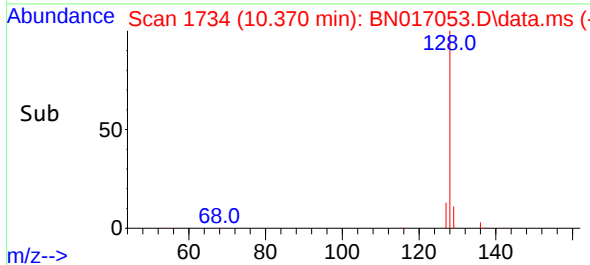
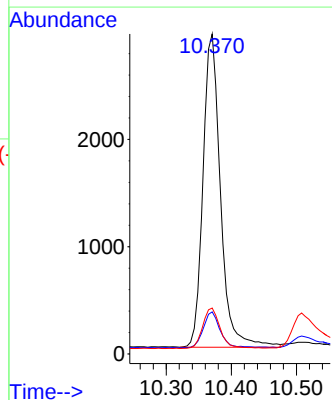
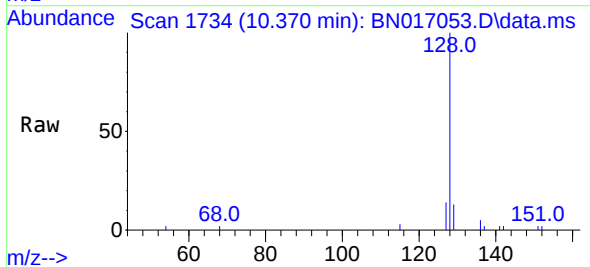
Instrument :
BNA_N
ClientSampleId :
SLCS020

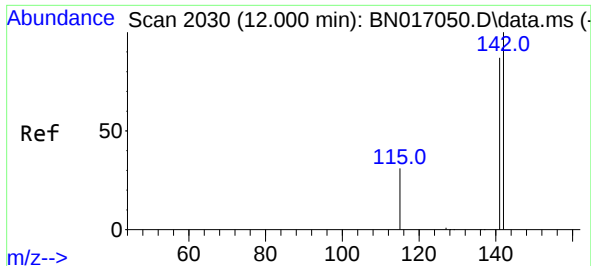
Tgt Ion: 88 Resp: 2404
Ion Ratio Lower Upper
88 100
43 35.4 85.8 128.8#
58 59.7 38.0 57.0#



#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. 0.004 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Tgt Ion:128 Resp: 5460
Ion Ratio Lower Upper
128 100
129 13.1 9.6 14.4
127 14.3 11.0 16.4

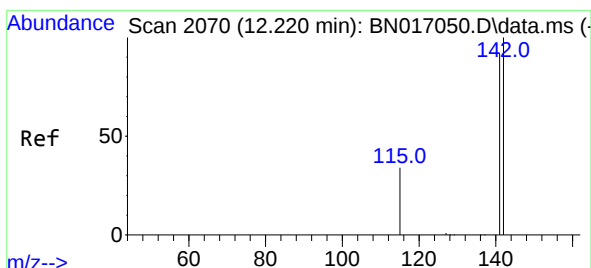
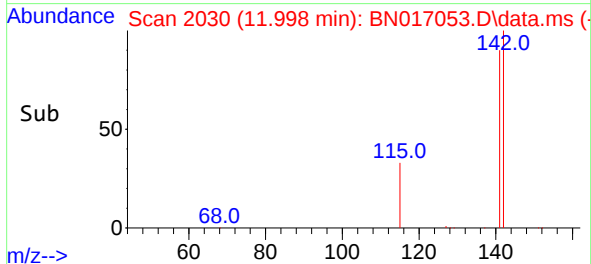
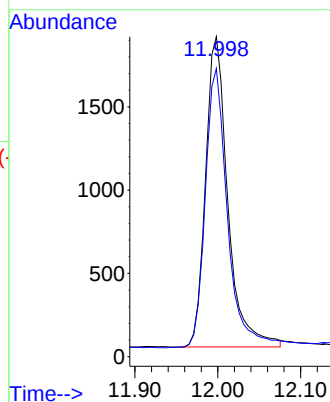
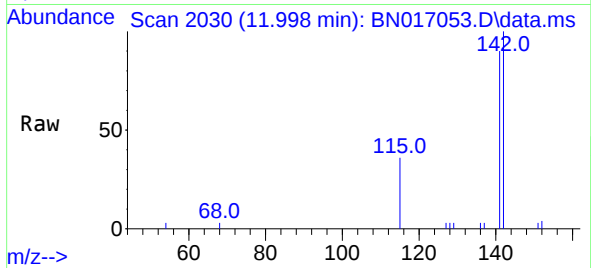




#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. 0.004 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

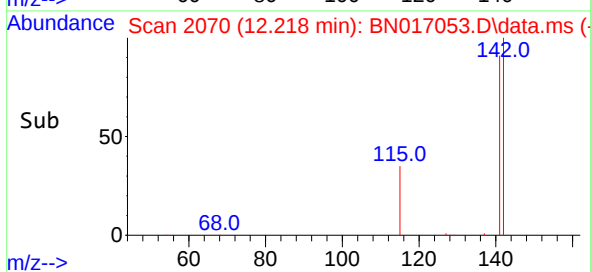
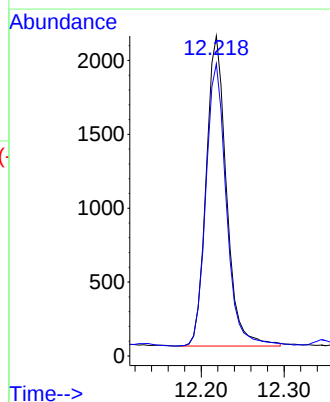
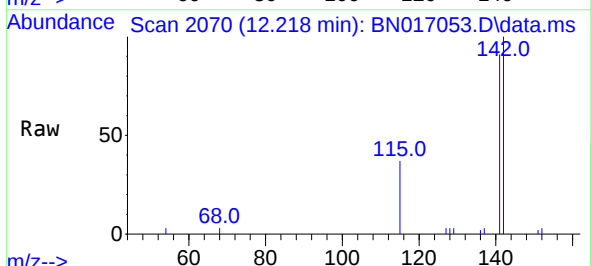
Instrument :
BNA_N
ClientSampleId :
SLCS020

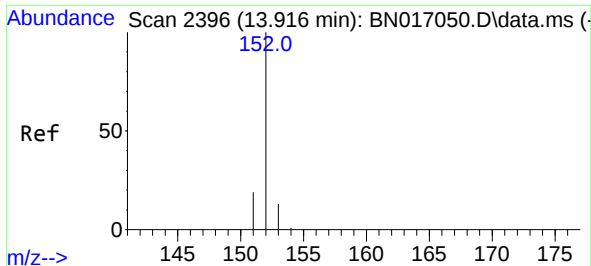
Tgt Ion:142 Resp: 3485
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. 0.004 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Tgt Ion:142 Resp: 3571
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5

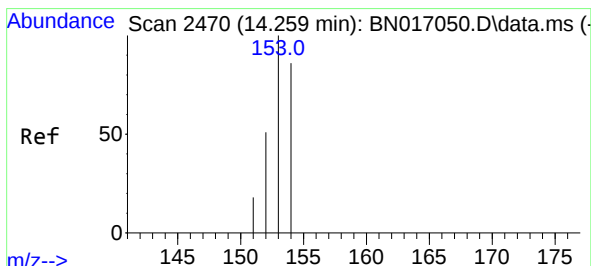
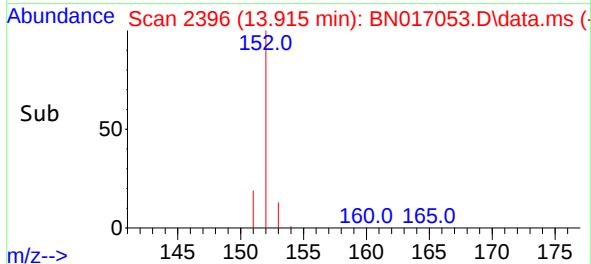
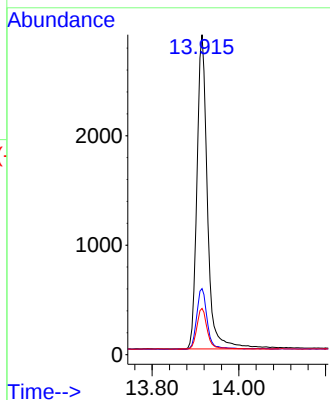
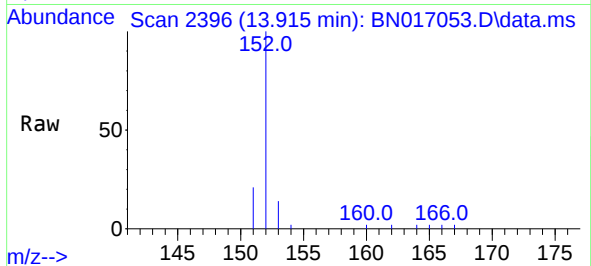




#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. 0.003 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

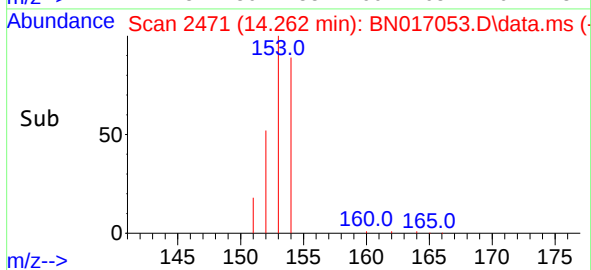
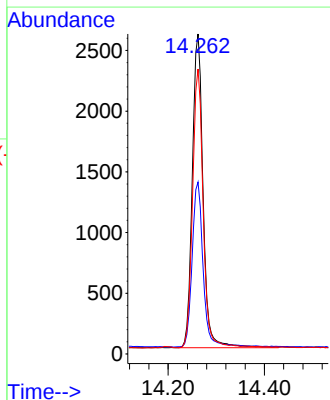
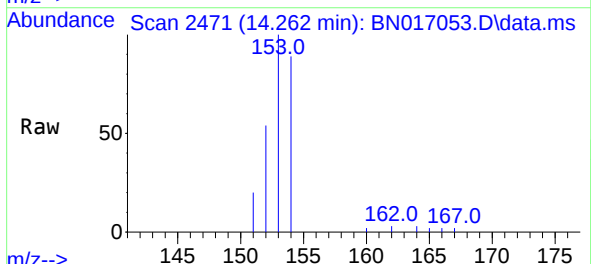
Instrument :
BNA_N
ClientSampleId :
SLCS020

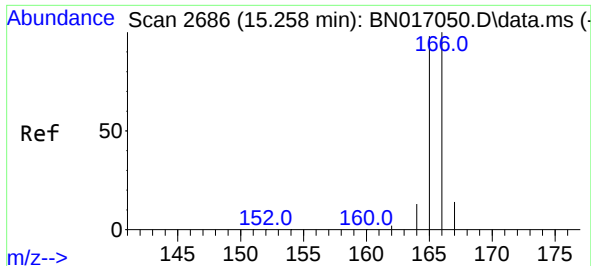
Tgt Ion:	152	Resp:	4848
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.4	24.6
153	14.4	11.3	16.9



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. 0.003 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Tgt Ion:	153	Resp:	4048
Ion Ratio	Lower	Upper	
153	100		
152	53.7	40.7	61.1
154	89.1	70.7	106.1

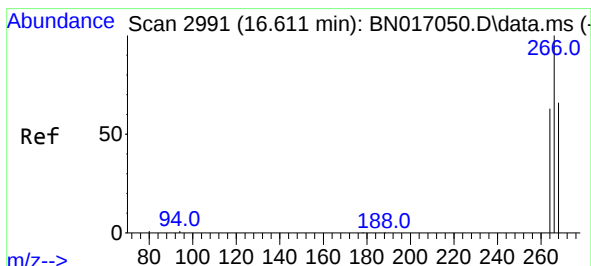
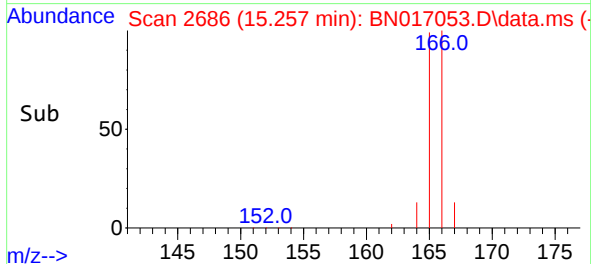
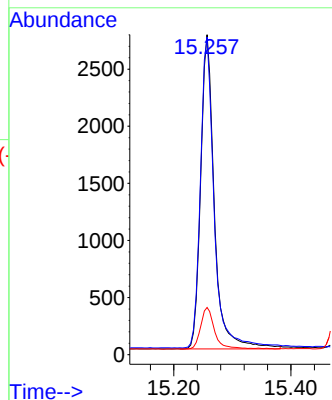
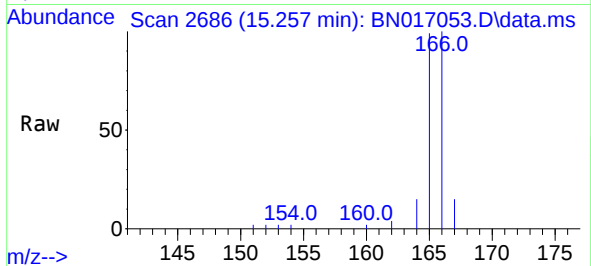




#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.257 min Scan# 2686
Delta R.T. 0.003 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

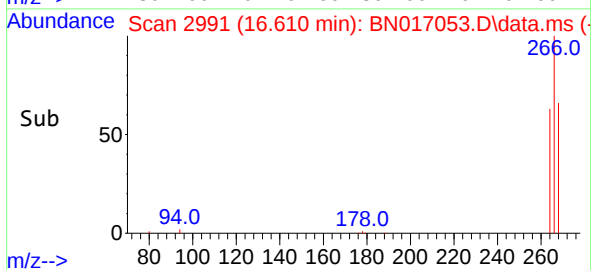
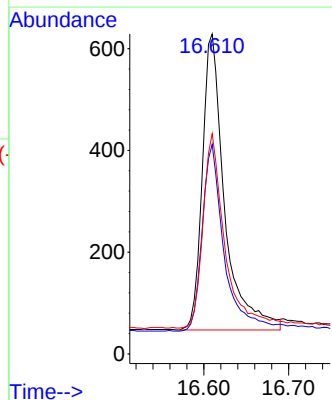
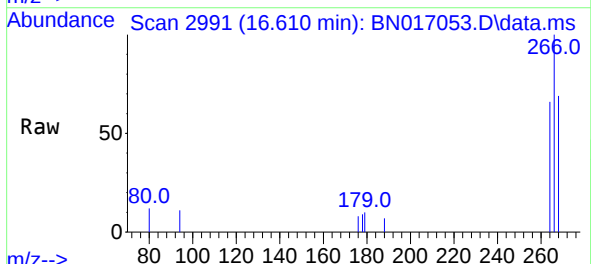
Instrument :
BNA_N
ClientSampleId :
SLCS020

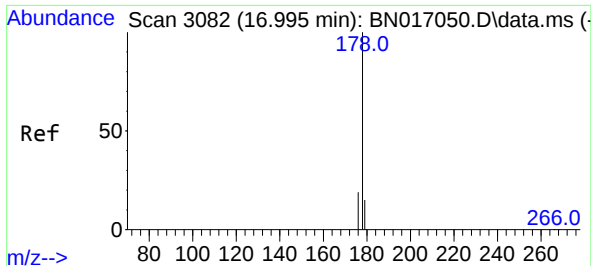
Tgt Ion:166 Resp: 4503
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.4
167 14.8 11.2 16.8



#14
Pentachlorophenol
Concen: 0.530 ng/ul
RT: 16.610 min Scan# 2991
Delta R.T. -0.001 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Tgt Ion:266 Resp: 1065
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.6
268 64.9 50.5 75.7

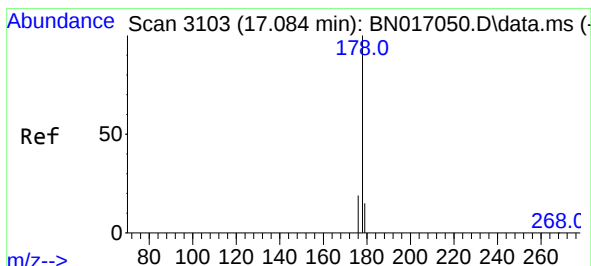
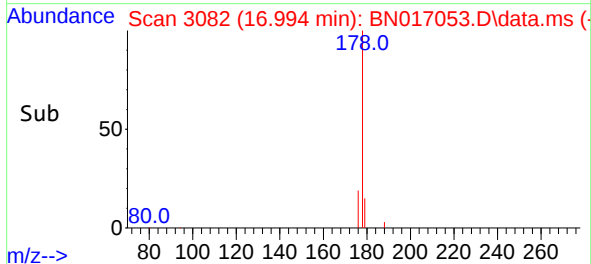
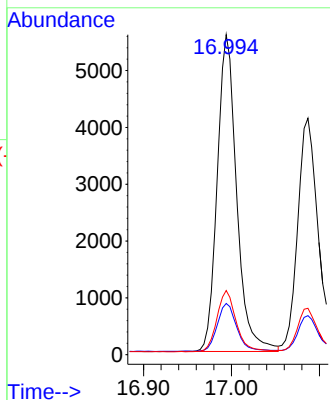
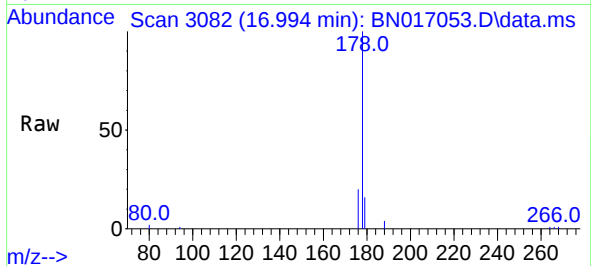




#15
Phenanthrene
Concen: 0.324 ng/u1
RT: 16.994 min Scan# 3082
Delta R.T. 0.003 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

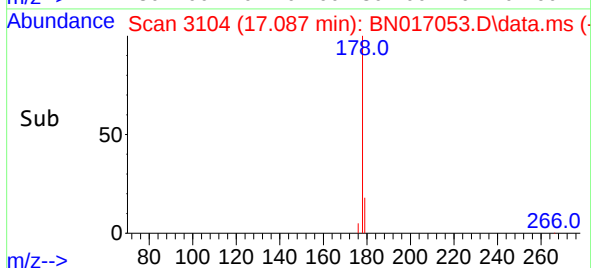
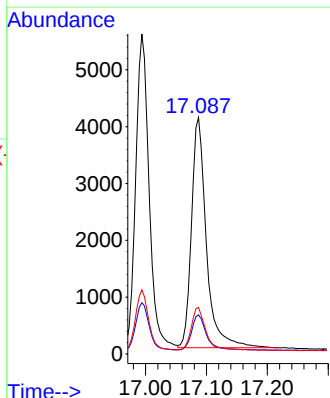
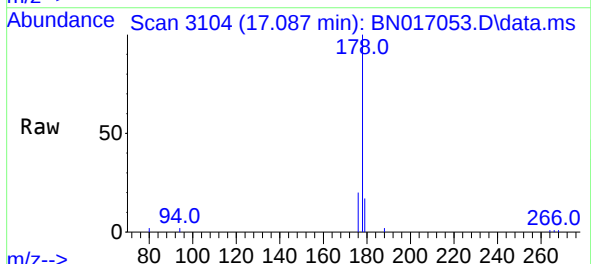
Instrument :
BNA_N
ClientSampleId :
SLCS020

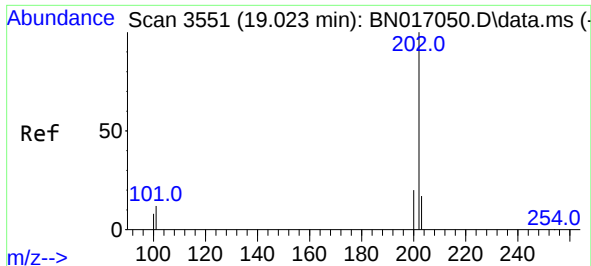
Tgt Ion:	178	Resp:	8583
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	20.0	15.9	23.9



#16
Anthracene
Concen: 0.308 ng/u1
RT: 17.087 min Scan# 3104
Delta R.T. 0.003 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Tgt Ion:	178	Resp:	6897
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	19.6	15.0	22.6

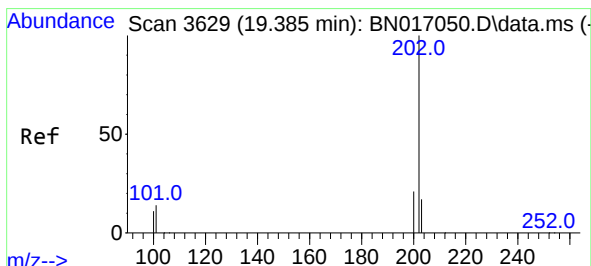
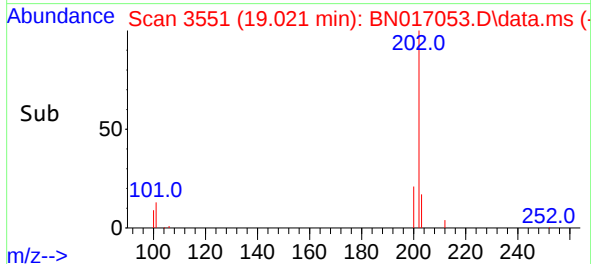
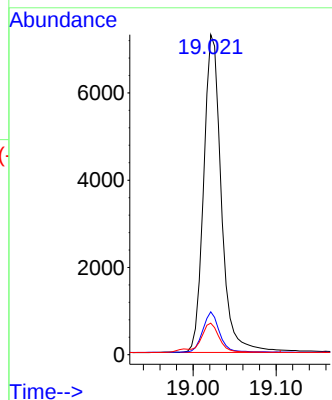
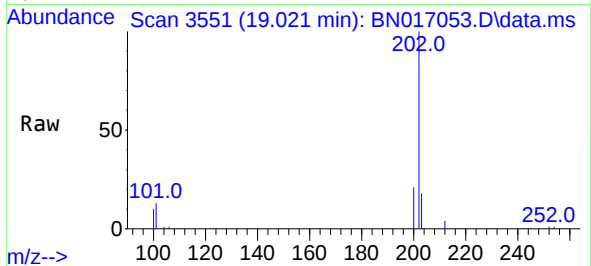




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.021 min Scan# 3551
Delta R.T. -0.001 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

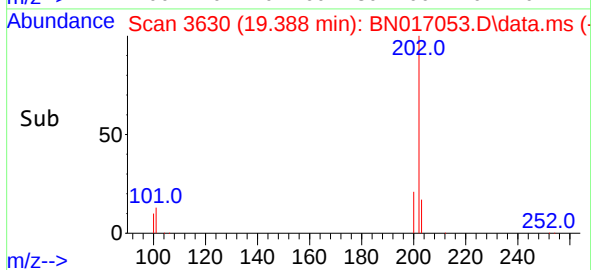
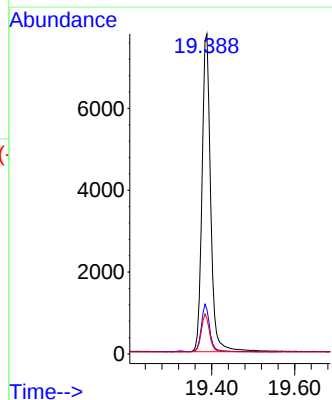
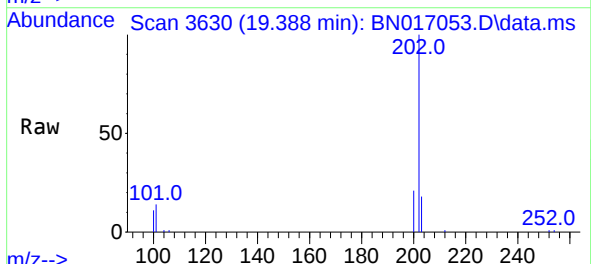
Instrument :
BNA_N
ClientSampleId :
SLCS020

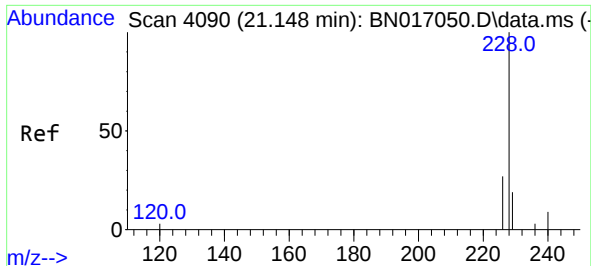
Tgt Ion:202	Resp:	10801
Ion Ratio	Lower	Upper
202	100	
101	13.4	10.6 16.0
100	9.8	7.9 11.9



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.388 min Scan# 3630
Delta R.T. 0.003 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Tgt Ion:202	Resp:	11279
Ion Ratio	Lower	Upper
202	100	
101	13.9	11.6 17.4
100	11.0	9.3 13.9

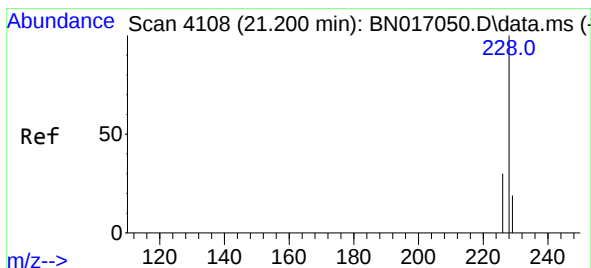
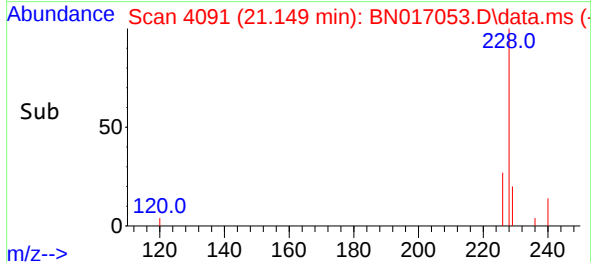
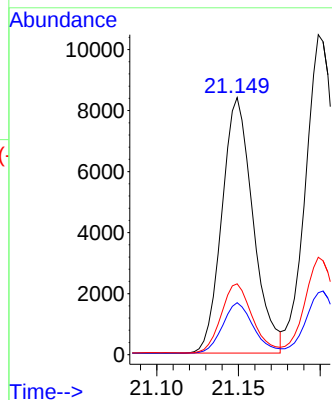
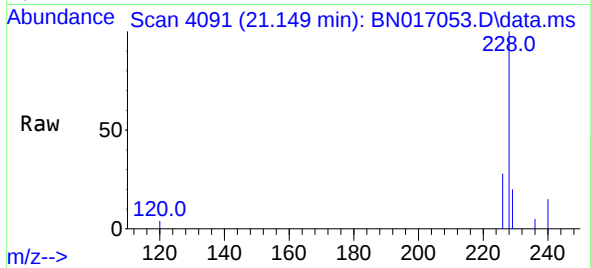




#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.149 min Scan# 4091
Delta R.T. 0.001 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

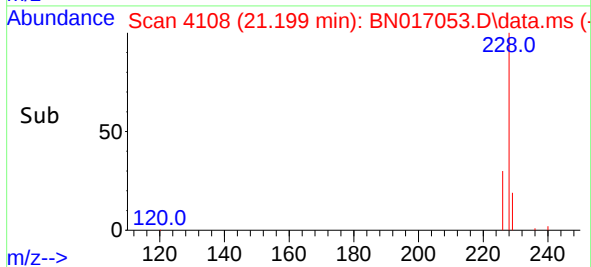
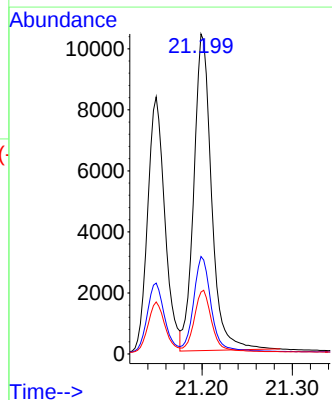
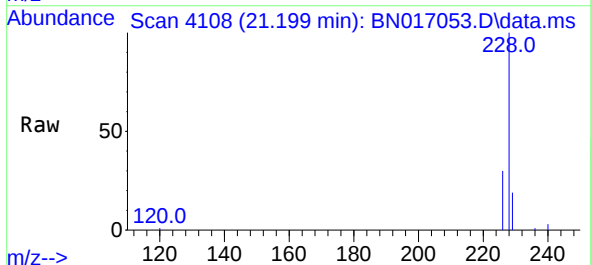
Instrument :
BNA_N
ClientSampleId :
SLCS020

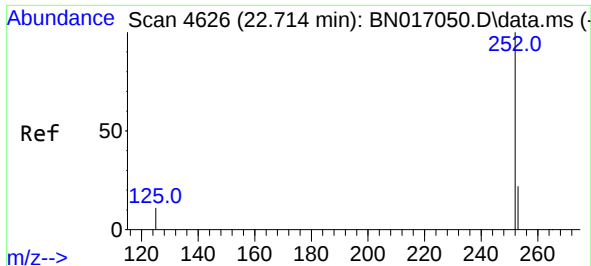
Tgt Ion:228	Resp:	11098
Ion Ratio	Lower	Upper
228	100	
229	20.2	15.9 23.9
226	27.6	22.0 33.0



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.199 min Scan# 4108
Delta R.T. -0.001 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Tgt Ion:228	Resp:	14120
Ion Ratio	Lower	Upper
228	100	
226	30.5	24.5 36.7
229	19.3	15.8 23.8

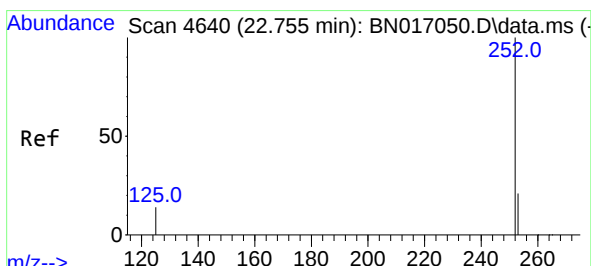
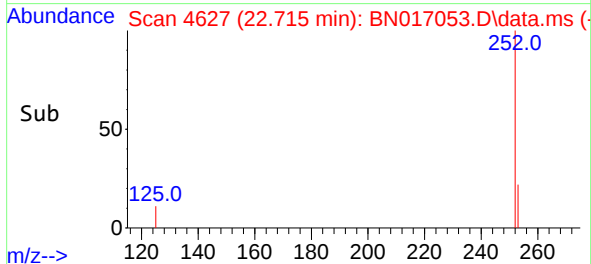
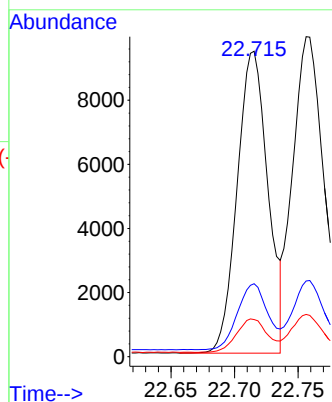
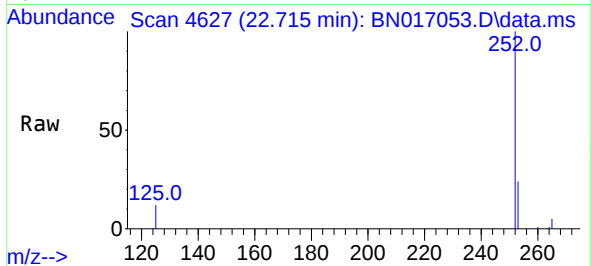




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 22.715 min Scan# 4627
Delta R.T. 0.004 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

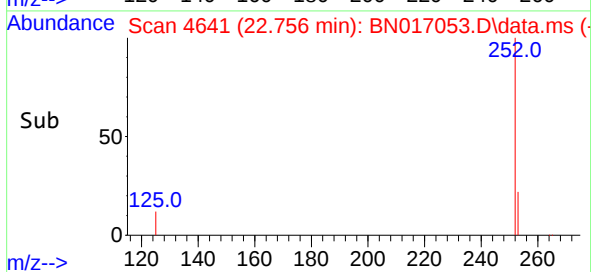
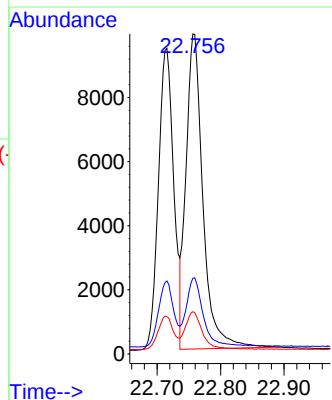
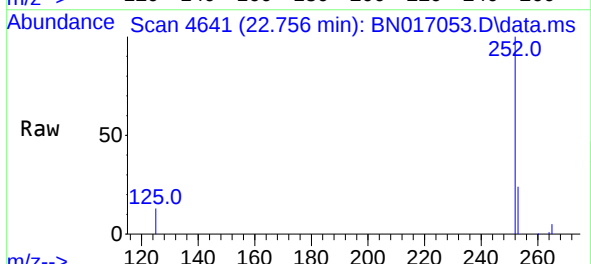
Instrument :
BNA_N
ClientSampleId :
SLCS020

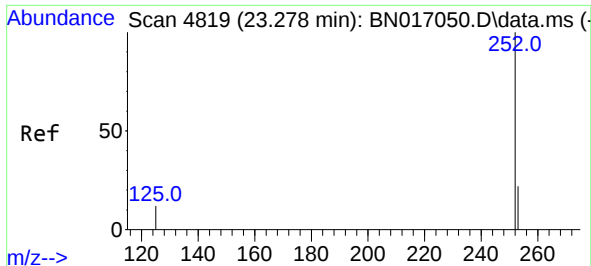
Tgt Ion:252	Resp:	15847
Ion Ratio	Lower	Upper
252	100	
253	23.9	0.0 47.4
125	12.1	0.0 24.6



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 22.756 min Scan# 4641
Delta R.T. 0.001 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Tgt Ion:252	Resp:	18160
Ion Ratio	Lower	Upper
252	100	
253	23.7	19.2 28.8
125	13.2	9.7 14.5

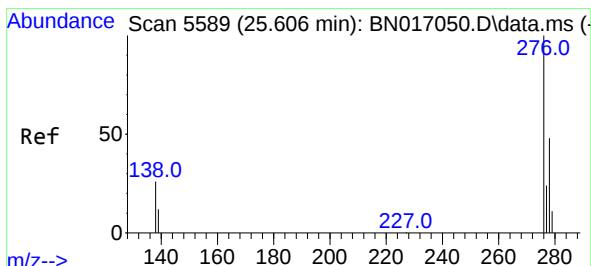
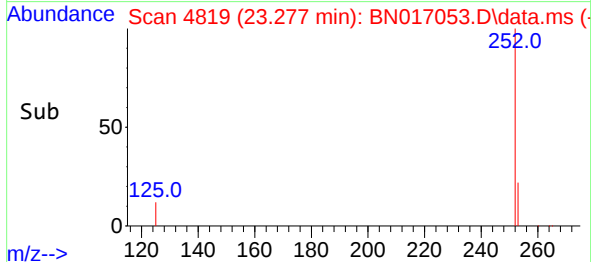
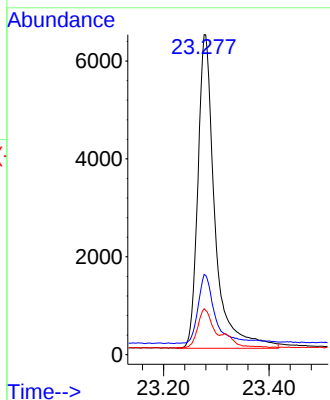
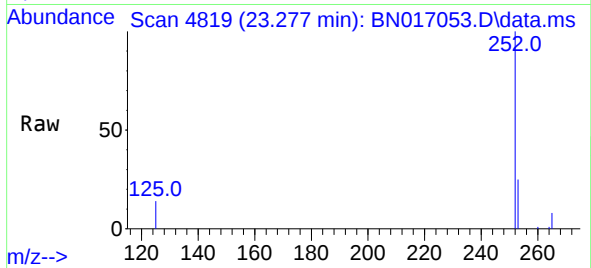




#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.277 min Scan# 4819
Delta R.T. -0.001 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

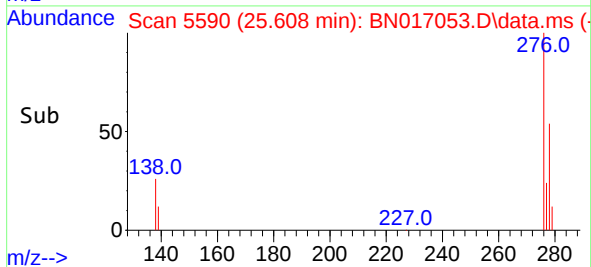
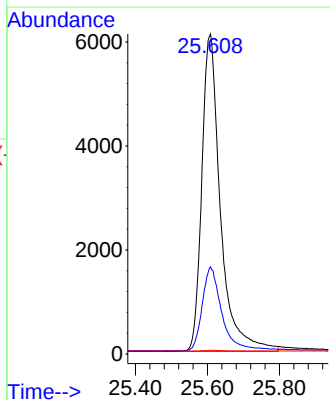
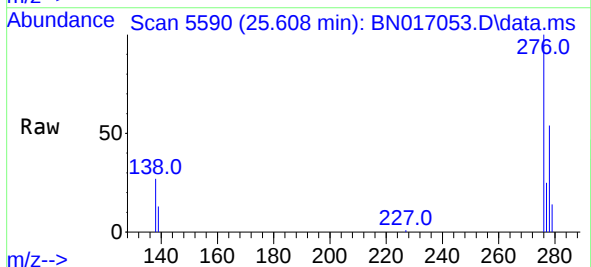
Instrument :
BNA_N
ClientSampleId :
SLCS020

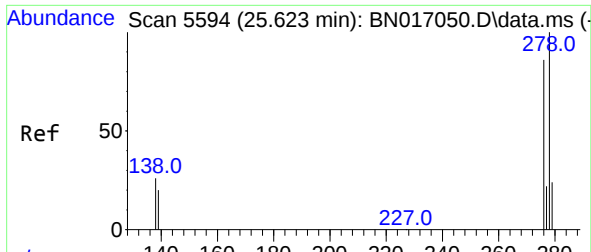
Tgt Ion:	252	Resp:	14339
Ion Ratio	Lower	Upper	
252	100		
253	25.1	19.8	29.6
125	14.3	10.9	16.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 25.608 min Scan# 5590
Delta R.T. 0.002 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Tgt Ion:	276	Resp:	21928
Ion Ratio	Lower	Upper	
276	100		
138	27.7	21.8	32.8
227	0.2	0.2	0.2

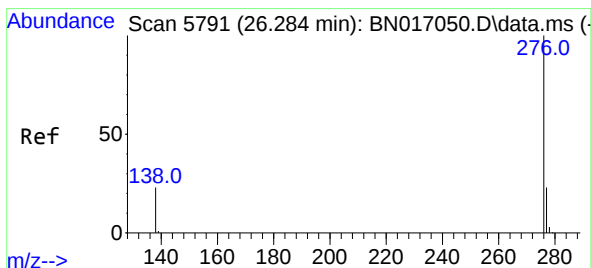
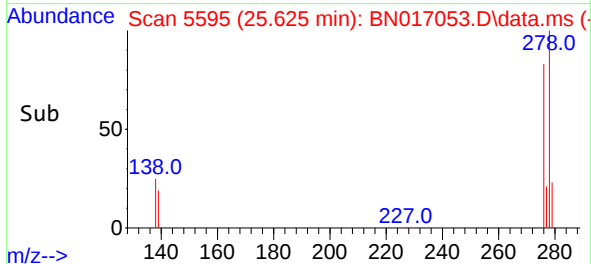
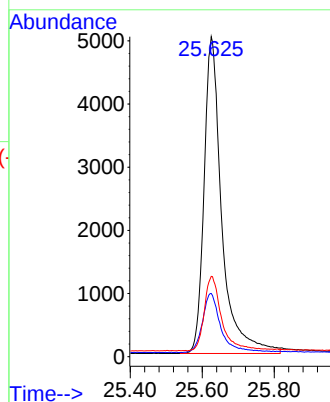
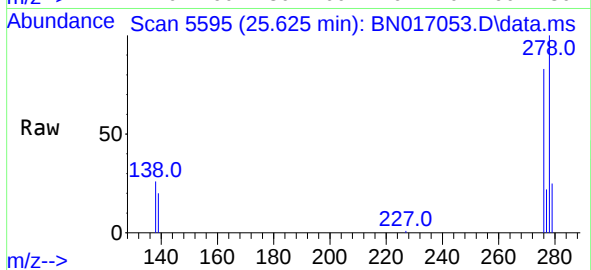




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 25.625 min Scan# 5595
Delta R.T. -0.001 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Instrument :
BNA_N
ClientSampleId :
SLCS020

Tgt Ion:278 Resp: 17173
Ion Ratio Lower Upper
278 100
139 19.8 15.2 22.8
279 25.1 19.9 29.9



#29
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 26.279 min Scan# 5790
Delta R.T. -0.001 min
Lab File: BN017053.D
Acq: 21 Oct 2021 19:10

Tgt Ion:276 Resp: 18883
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.6
277 23.5 19.4 29.0

