

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
 Data File : BN017043.D
 Acq On : 21 Oct 2021 12:29
 Operator : CG/JU
 Sample : PB139975BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS975

Quant Time: Oct 21 14:28:54 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)

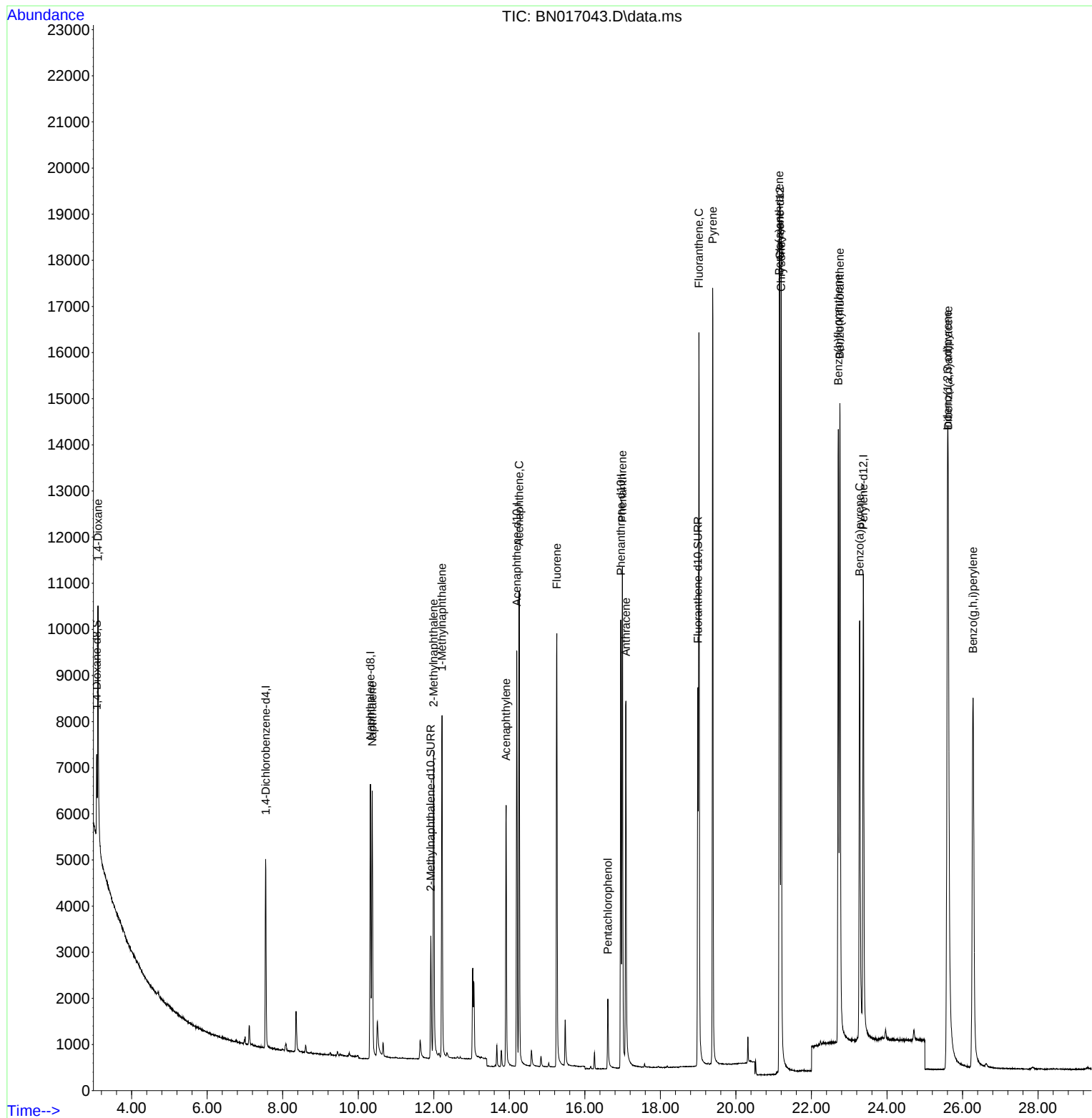
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	2163	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	8474	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	5030	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.952	188	11246	0.400	ng/ul	0.00
17) Chrysene-d12	21.164	240	12637	0.400	ng/ul	0.00
23) Perylene-d12	23.373	264	13657	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	1355	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	3798	0.314	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	9591	0.307	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.109	88	3758	1.328	ng/ul#	43
5) Naphthalene	10.370	128	8225	0.320	ng/ul	100
7) 2-Methylnaphthalene	11.998	142	5403	0.338	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	5368	0.330	ng/ul	99
10) Acenaphthylene	13.915	152	7028	0.346	ng/ul	100
11) Acenaphthene	14.262	153	6013	0.345	ng/ul	99
12) Fluorene	15.257	166	6611	0.328	ng/ul	99
14) Pentachlorophenol	16.610	266	1185	0.437	ng/ul	98
15) Phenanthrene	16.994	178	12092	0.339	ng/ul	99
16) Anthracene	17.087	178	9721	0.323	ng/ul	99
19) Fluoranthene	19.021	202	14040	0.324	ng/ul	99
20) Pyrene	19.384	202	14669	0.329	ng/ul	98
21) Benzo(a)anthracene	21.146	228	13549	0.329	ng/ul	99
22) Chrysene	21.199	228	16096	0.343	ng/ul	100
24) Benzo(b)fluoranthene	22.710	252	17144	0.334	ng/ul	100
25) Benzo(k)fluoranthene	22.753	252	19130	0.338	ng/ul	98
26) Benzo(a)pyrene	23.277	252	15101	0.329	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.602	276	21275	0.326	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.622	278	16518	0.318	ng/ul	98
29) Benzo(g,h,i)perylene	26.279	276	18393	0.325	ng/ul	100

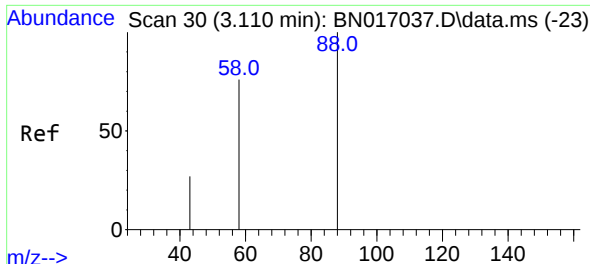
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
Data File : BN017043.D
Acq On : 21 Oct 2021 12:29
Operator : CG/JU
Sample : PB139975BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS975

Quant Time: Oct 21 14:28:54 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

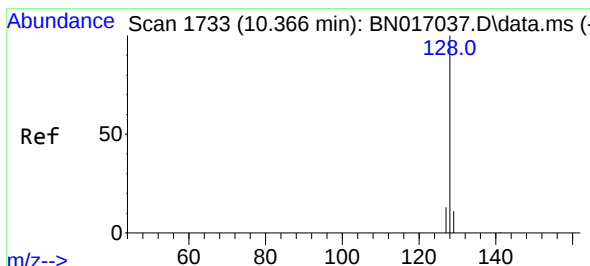
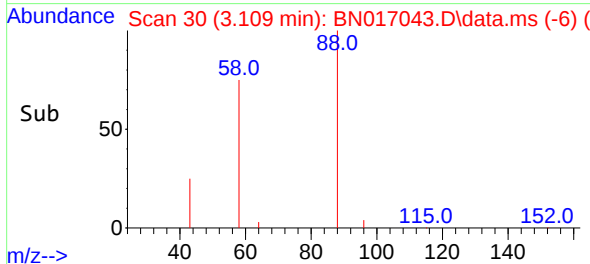
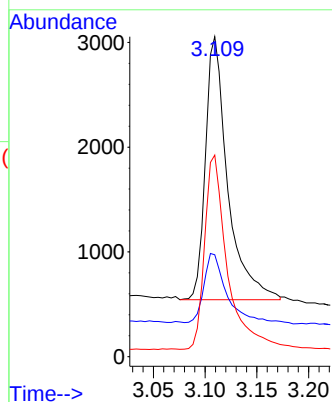
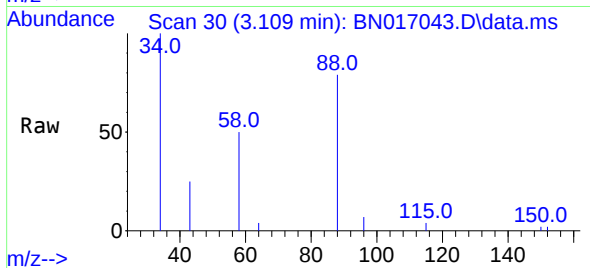




#2
1,4-Dioxane
Concen: 1.328 ng/ul
RT: 3.109 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

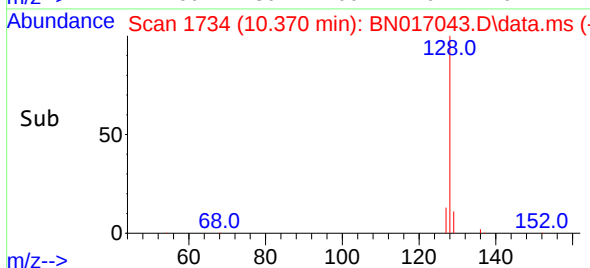
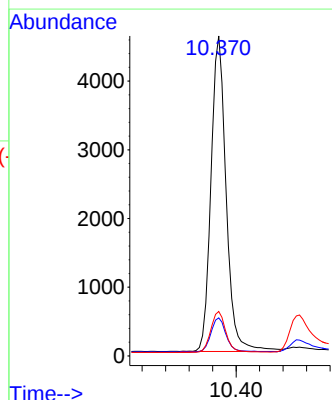
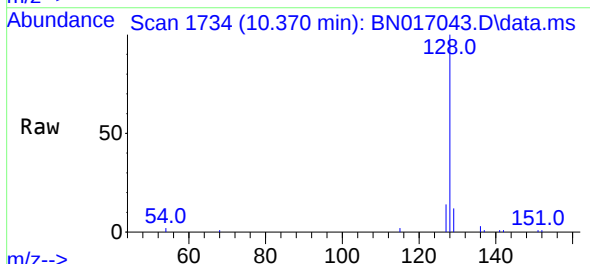
Instrument :
BNA_N
ClientSampleId :
SLCS975

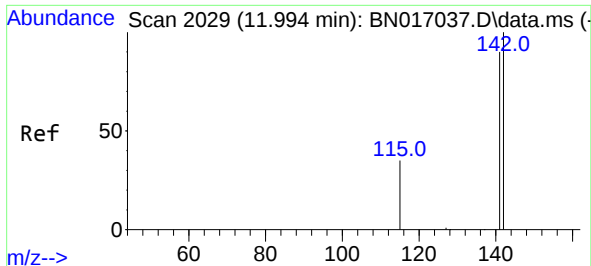
Tgt Ion: 88 Resp: 3758
Ion Ratio Lower Upper
88 100
43 31.8 85.8 128.8#
58 63.0 38.0 57.0#



#5
Naphthalene
Concen: 0.320 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. 0.004 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Tgt Ion: 128 Resp: 8225
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 13.9 11.0 16.4

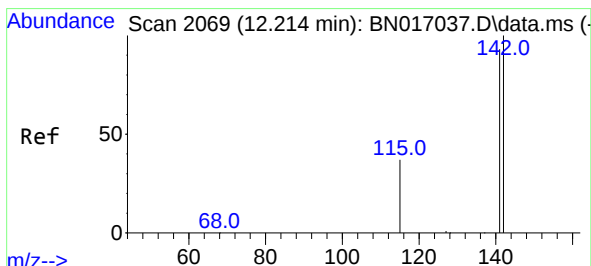
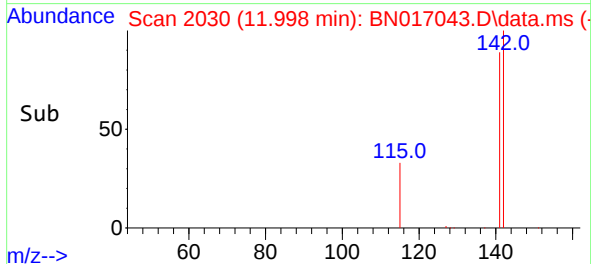
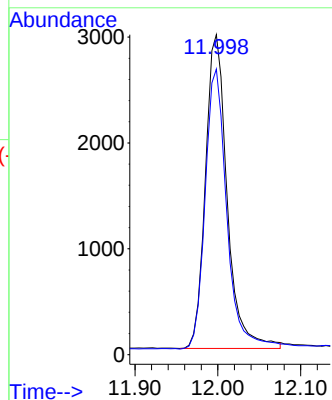
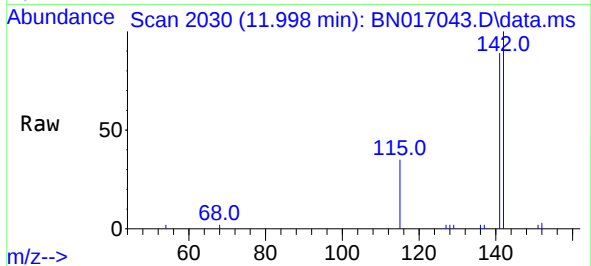




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. 0.004 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

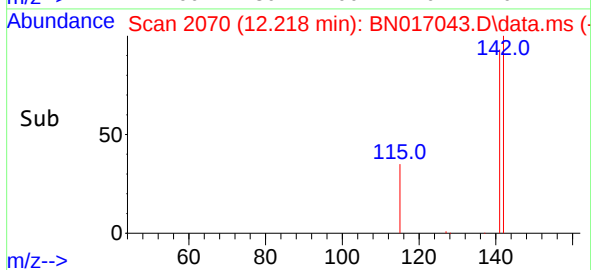
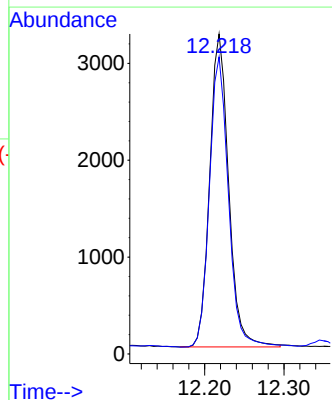
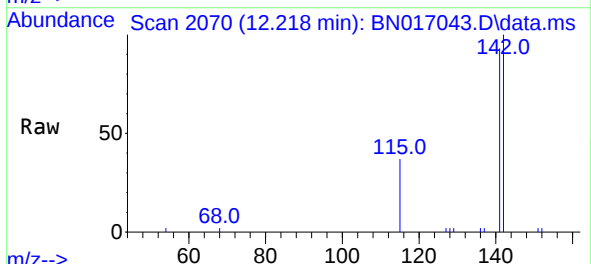
Instrument :
BNA_N
ClientSampled :
SLCS975

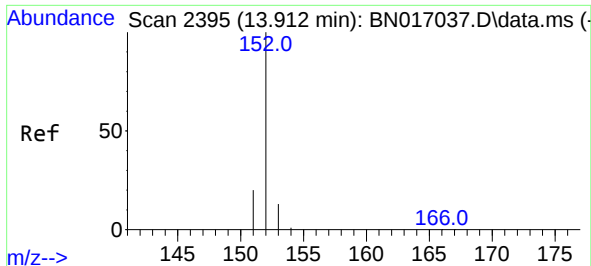
Tgt Ion:142 Resp: 5403
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. 0.004 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Tgt Ion:142 Resp: 5368
Ion Ratio Lower Upper
142 100
141 93.1 73.7 110.5

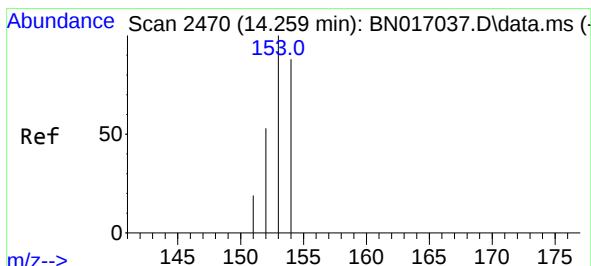
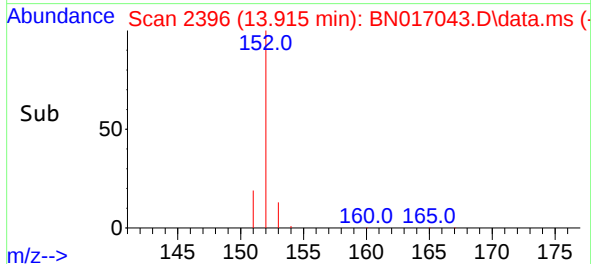
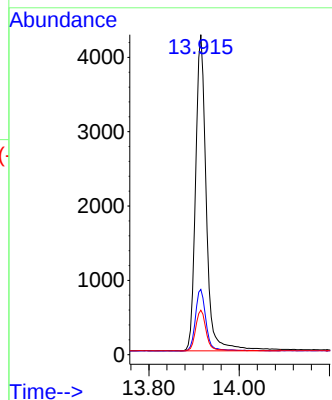
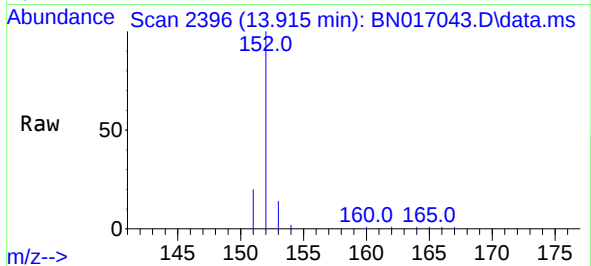




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. 0.003 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

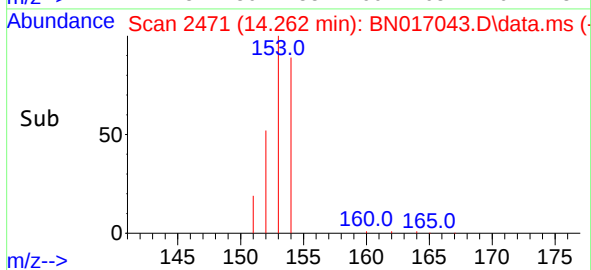
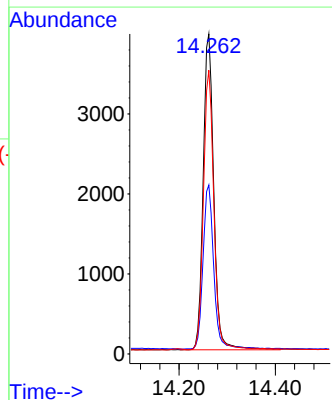
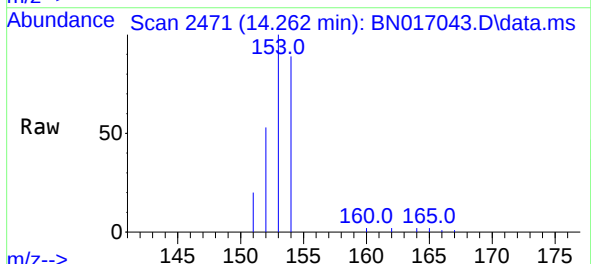
Instrument :
BNA_N
ClientSampleId :
SLCS975

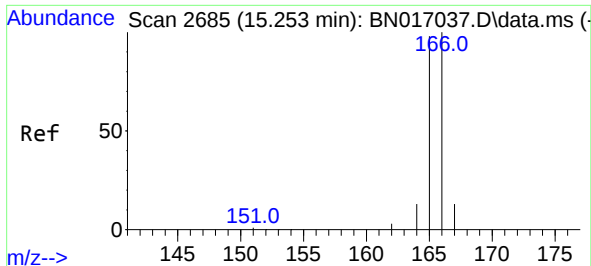
Tgt Ion:	152	Resp:	7028
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.9	11.3	16.9



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. 0.003 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Tgt Ion:	153	Resp:	6013
Ion	Ratio	Lower	Upper
153	100		
152	52.8	40.7	61.1
154	88.6	70.7	106.1



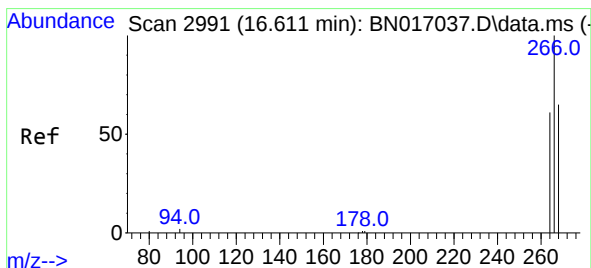
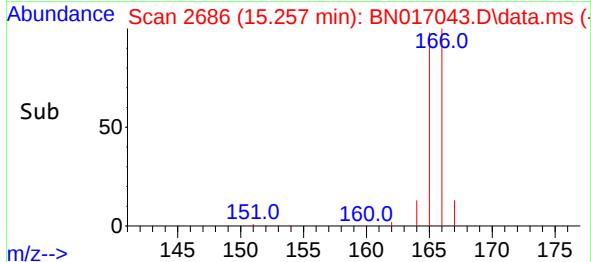
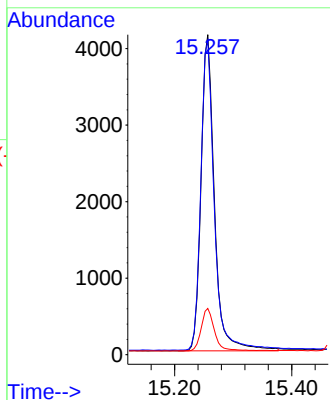
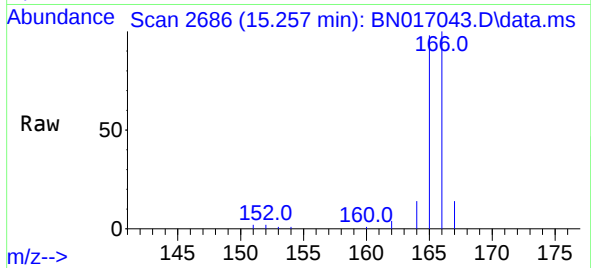


#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.257 min Scan# 2686
Delta R.T. 0.003 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Instrument :
BNA_N
ClientSampleId :
SLCS975

Tgt Ion:166 Resp: 6611

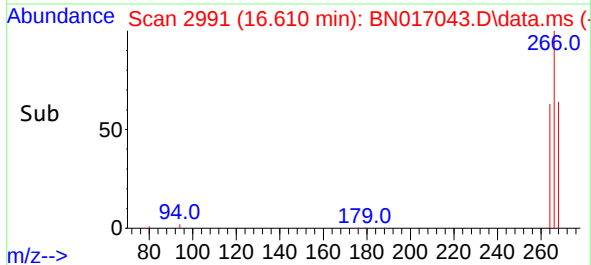
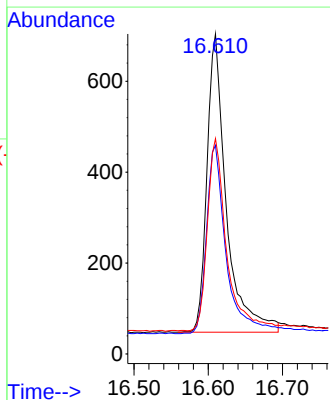
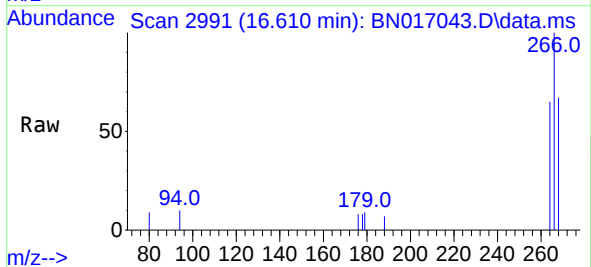
Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.4
167	14.4	11.2	16.8

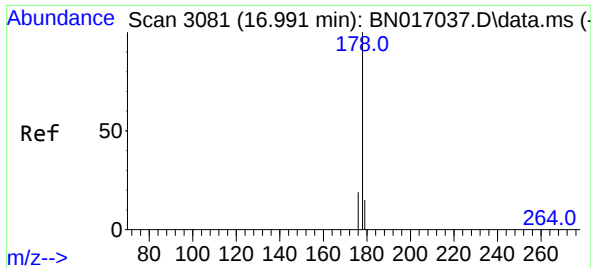


#14
Pentachlorophenol
Concen: 0.437 ng/ul
RT: 16.610 min Scan# 2991
Delta R.T. -0.002 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Tgt Ion:266 Resp: 1185

Ion	Ratio	Lower	Upper
266	100		
264	64.4	49.8	74.6
268	64.6	50.5	75.7

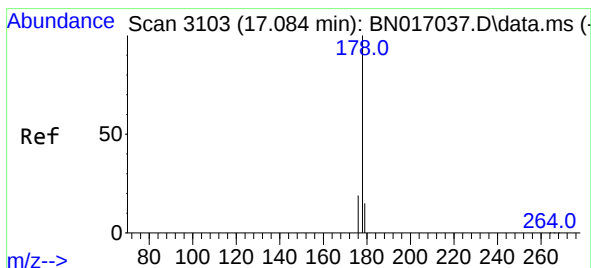
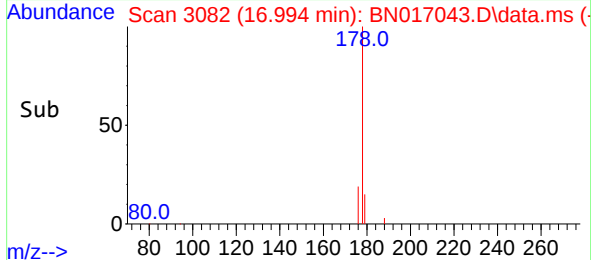
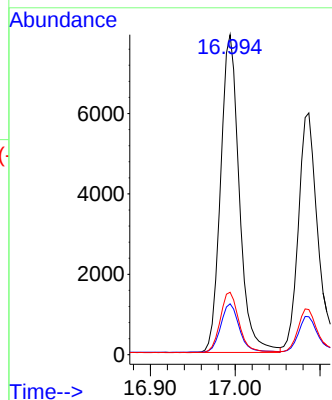
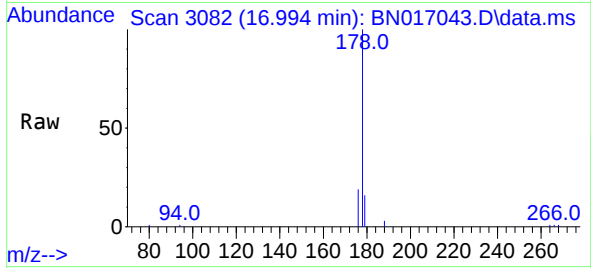




#15
Phenanthrene
Concen: 0.339 ng/u1
RT: 16.994 min Scan# 3082
Delta R.T. 0.003 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

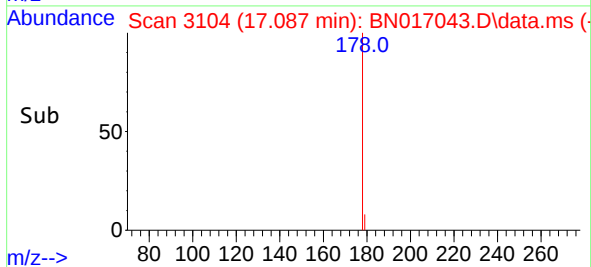
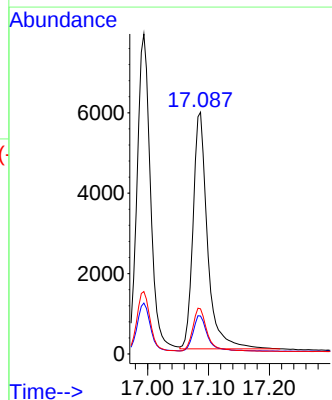
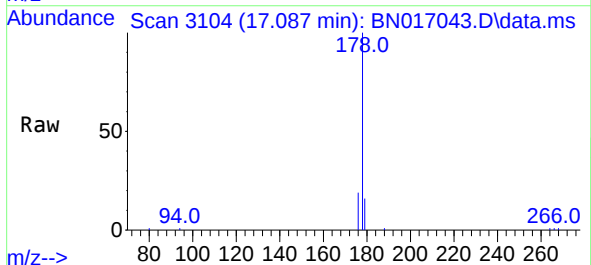
Instrument :
BNA_N
ClientSampleId :
SLCS975

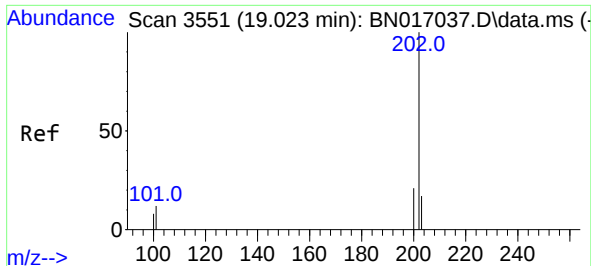
Tgt Ion:178	Resp:	12092
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.6 19.0
176	19.5	15.9 23.9



#16
Anthracene
Concen: 0.323 ng/u1
RT: 17.087 min Scan# 3104
Delta R.T. 0.003 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Tgt Ion:178	Resp:	9721
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.9 19.3
176	18.7	15.0 22.6

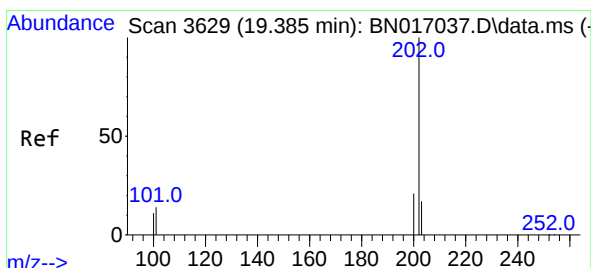
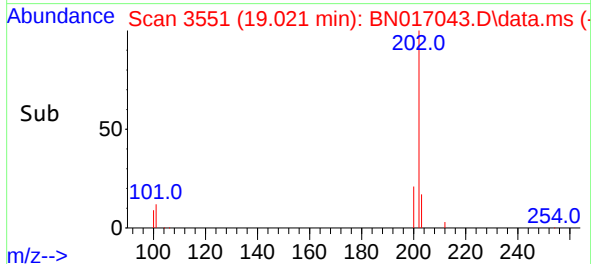
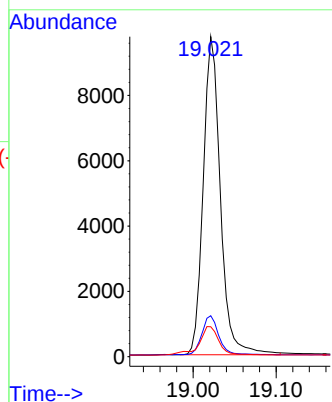
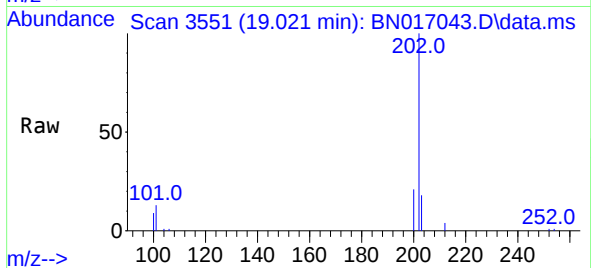




#19
Fluoranthene
Concen: 0.324 ng/u1
RT: 19.021 min Scan# 3551
Delta R.T. -0.002 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

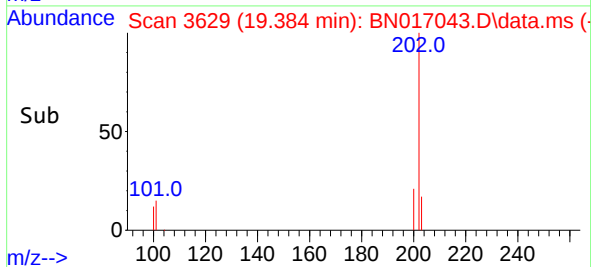
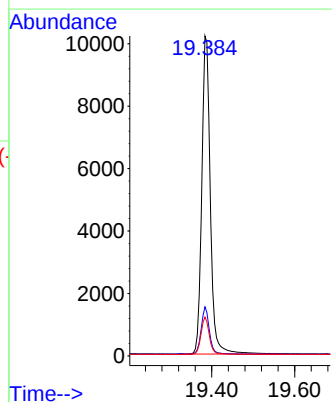
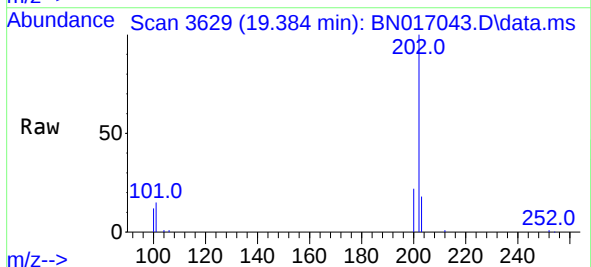
Instrument :
BNA_N
ClientSampleId :
SLCS975

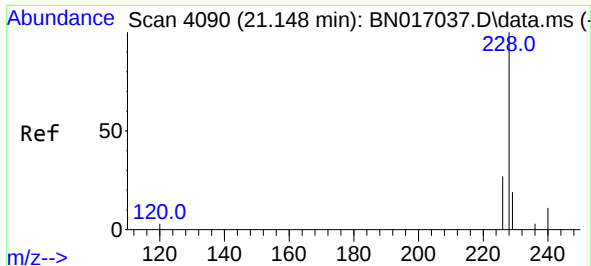
Tgt Ion:202	Resp:	14040
Ion Ratio	Lower	Upper
202	100	
101	12.8	10.6 16.0
100	9.4	7.9 11.9



#20
Pyrene
Concen: 0.329 ng/u1
RT: 19.384 min Scan# 3629
Delta R.T. -0.002 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Tgt Ion:202	Resp:	14669
Ion Ratio	Lower	Upper
202	100	
101	15.3	11.6 17.4
100	12.1	9.3 13.9



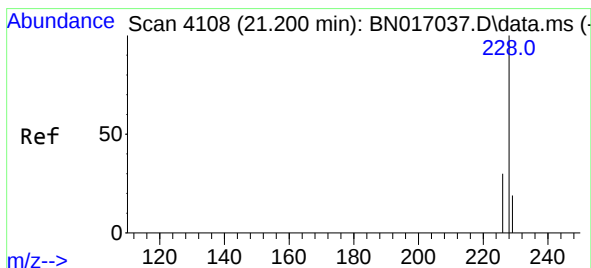
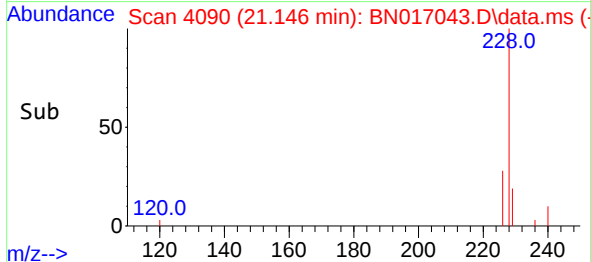
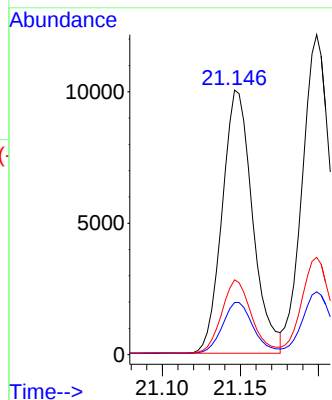
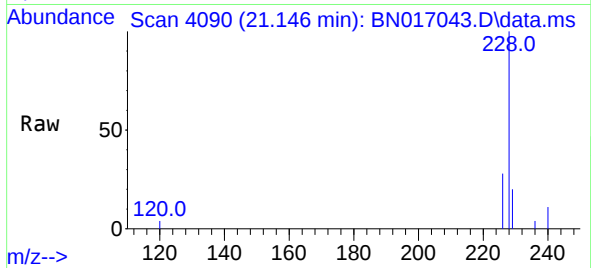


#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.002 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Instrument :
BNA_N
ClientSampleId :
SLCS975

Tgt Ion:228 Resp: 13549

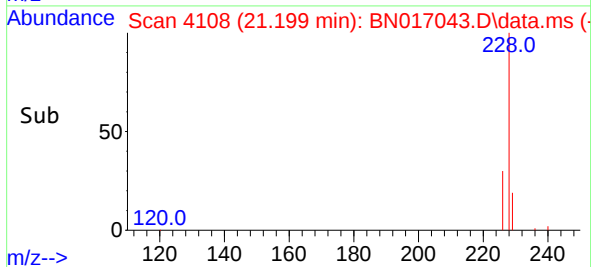
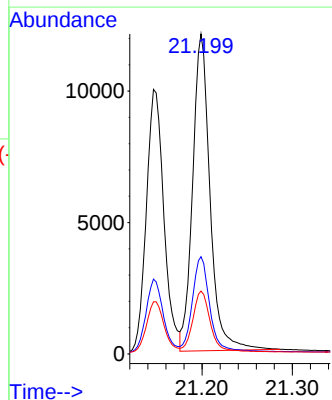
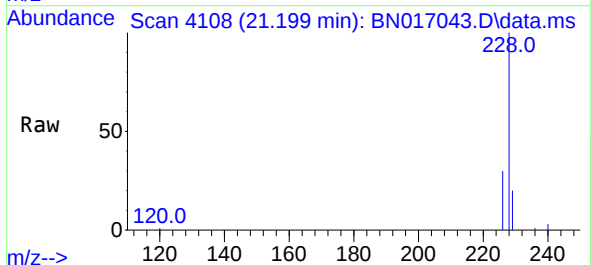
Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	28.3	22.0	33.0

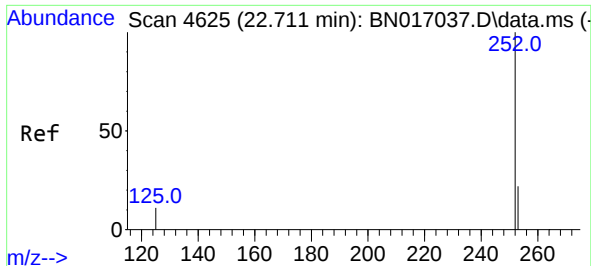


#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.199 min Scan# 4108
Delta R.T. -0.002 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Tgt Ion:228 Resp: 16096

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	19.6	15.8	23.8

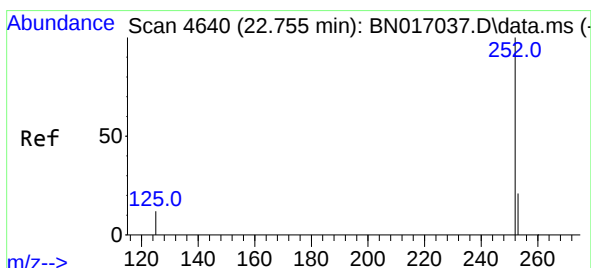
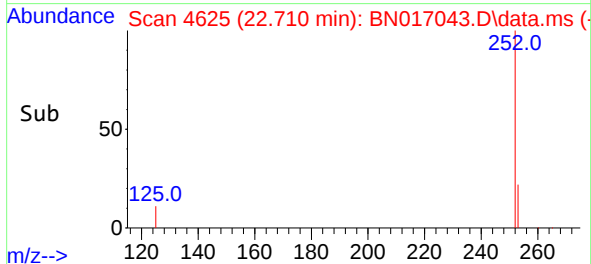
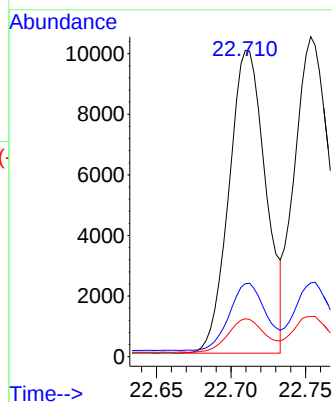
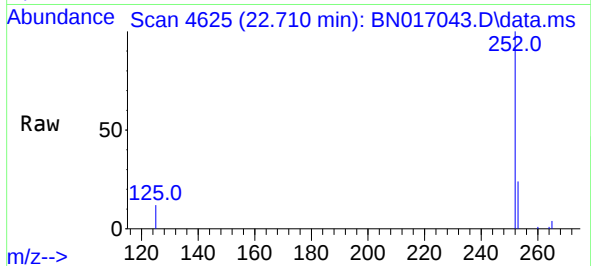




#24
Benzo(b)fluoranthene
Concen: 0.334 ng/ul
RT: 22.710 min Scan# 4625
Delta R.T. -0.002 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

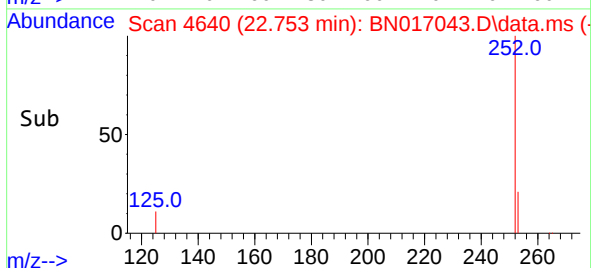
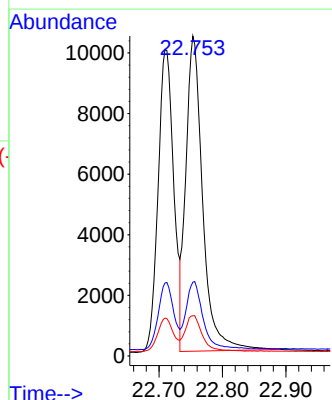
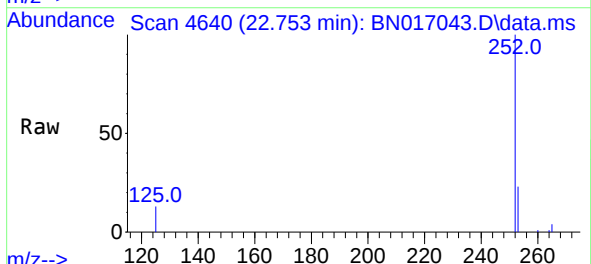
Instrument :
BNA_N
ClientSampleId :
SLCS975

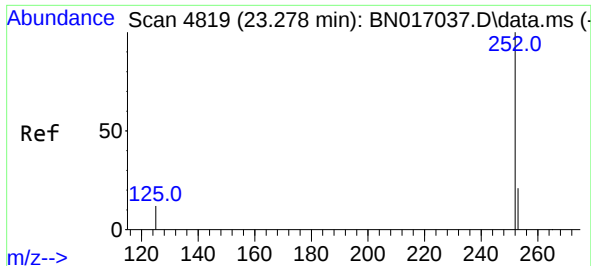
Tgt Ion:252 Resp: 17144
Ion Ratio Lower Upper
252 100
253 23.8 0.0 47.4
125 12.4 0.0 24.6



#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 22.753 min Scan# 4640
Delta R.T. -0.002 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Tgt Ion:252 Resp: 19130
Ion Ratio Lower Upper
252 100
253 23.1 19.2 28.8
125 12.6 9.7 14.5

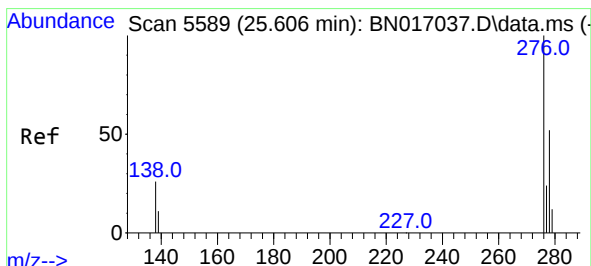
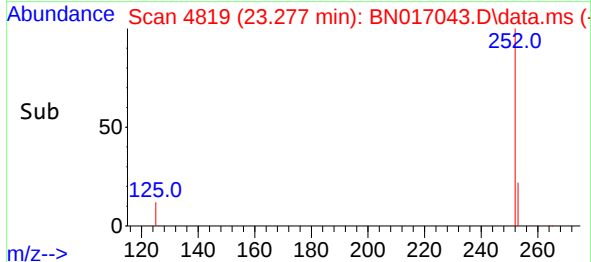
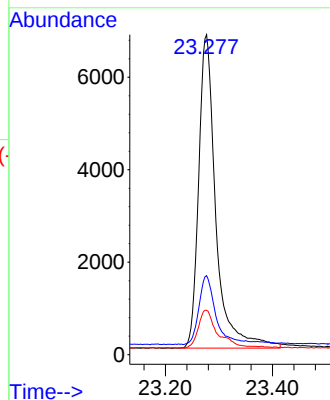
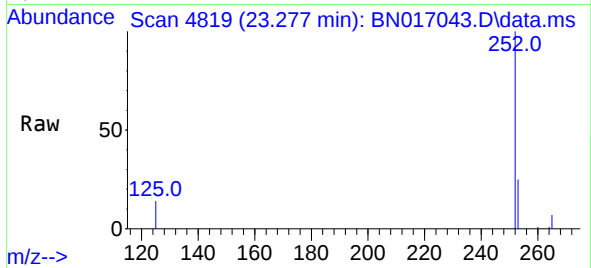




#26
Benzo(a)pyrene
Concen: 0.329 ng/ul
RT: 23.277 min Scan# 4819
Delta R.T. -0.002 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

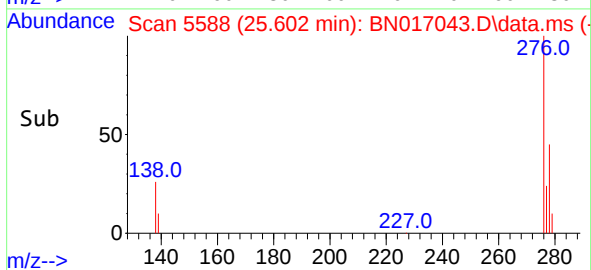
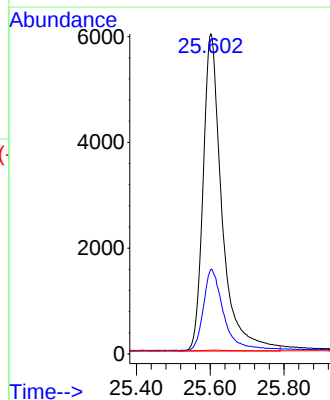
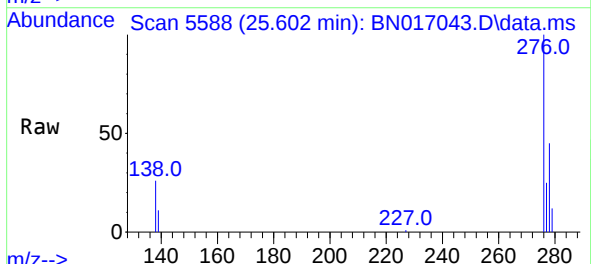
Instrument :
BNA_N
ClientSampleId :
SLCS975

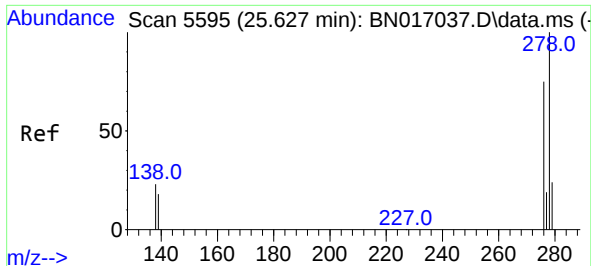
Tgt Ion:252	Resp:	15101
Ion Ratio	Lower	Upper
252	100	
253	24.7	19.8 29.6
125	13.8	10.9 16.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 25.602 min Scan# 5588
Delta R.T. -0.005 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Tgt Ion:276	Resp:	21275
Ion Ratio	Lower	Upper
276	100	
138	27.4	21.8 32.8
227	0.2	0.2 0.2#

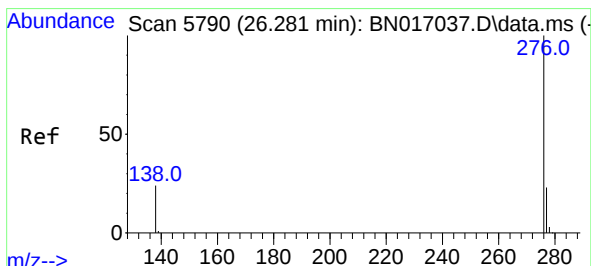
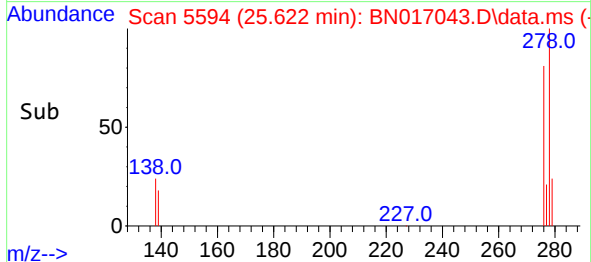
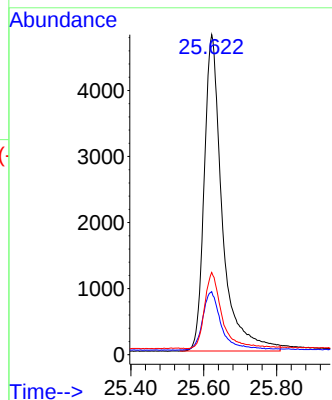
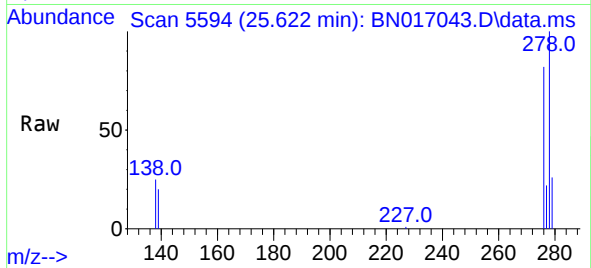




#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 25.622 min Scan# 5594
Delta R.T. -0.005 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Instrument :
BNA_N
ClientSampleId :
SLCS975

Tgt Ion:278 Resp: 16518
Ion Ratio Lower Upper
278 100
139 19.7 15.2 22.8
279 25.7 19.9 29.9



#29
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 26.279 min Scan# 5790
Delta R.T. -0.002 min
Lab File: BN017043.D
Acq: 21 Oct 2021 12:29

Tgt Ion:276 Resp: 18393
Ion Ratio Lower Upper
276 100
138 24.3 19.8 29.6
277 24.1 19.4 29.0

