

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
 Data File : BN028014.D
 Acq On : 03 Oct 2023 17:14
 Operator : MA/JU
 Sample : PB155818BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS818

Quant Time: Oct 03 18:05:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

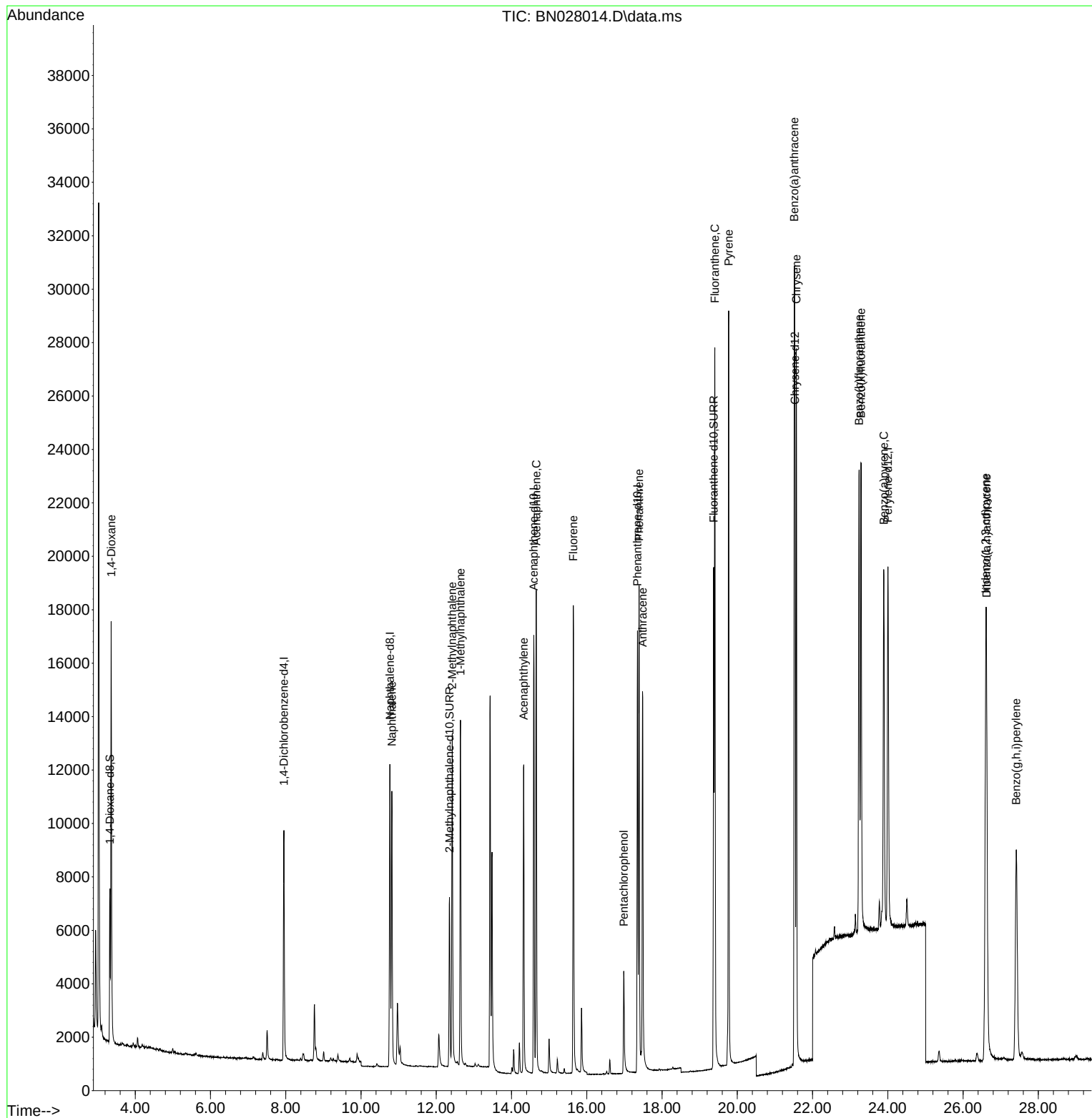
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4913	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	16398	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.592	164	9567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	20411	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	19212	0.400	ng/ul	0.00
23) Perylene-d12	24.003	264	19904	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	3768	0.611	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	9031	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	21412	0.351	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	11370	1.740	ng/ul#	85
5) Naphthalene	10.817	128	14635	0.314	ng/ul	100
7) 2-Methylnaphthalene	12.423	142	9447	0.321	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	9336	0.307	ng/ul	99
10) Acenaphthylene	14.323	152	14313	0.330	ng/ul	100
11) Acenaphthene	14.657	153	10999	0.318	ng/ul	99
12) Fluorene	15.642	166	12262	0.319	ng/ul	99
14) Pentachlorophenol	16.983	266	3102	0.709	ng/ul	100
15) Phenanthrene	17.388	178	20016	0.329	ng/ul	100
16) Anthracene	17.481	178	17938	0.330	ng/ul	100
19) Fluoranthene	19.404	202	23974	0.327	ng/ul	99
20) Pyrene	19.771	202	24773	0.326	ng/ul	98
21) Benzo(a)anthracene	21.516	228	24257	0.346	ng/ul	100
22) Chrysene	21.568	228	24146	0.341	ng/ul	99
24) Benzo(b)fluoranthene	23.237	252	24865	0.337	ng/ul	99
25) Benzo(k)fluoranthene	23.287	252	24924	0.339	ng/ul	99
26) Benzo(a)pyrene	23.892	252	22440	0.357	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.603	276	24666	0.324	ng/ul	98
28) Dibenzo(a,h)anthracene	26.623	278	20101	0.325	ng/ul	99
29) Benzo(g,h,i)perylene	27.414	276	19702	0.316	ng/ul	99

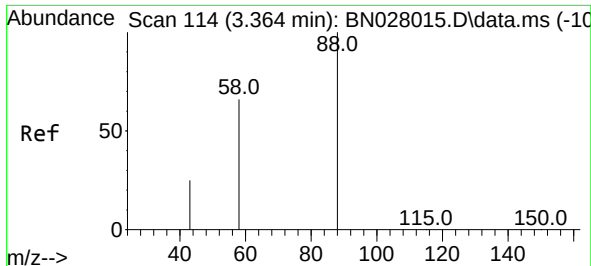
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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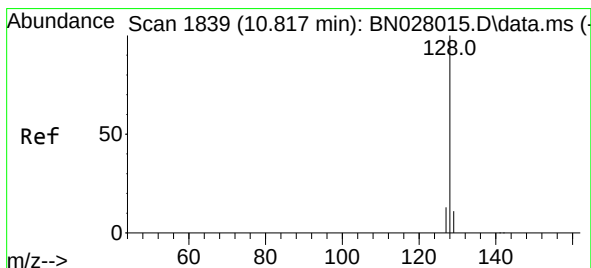
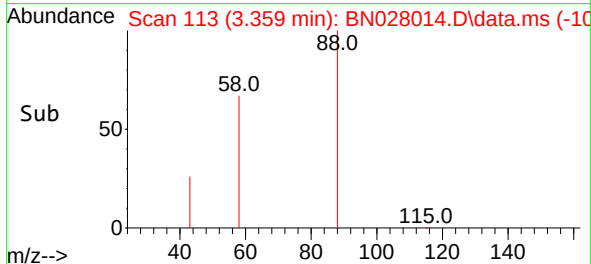
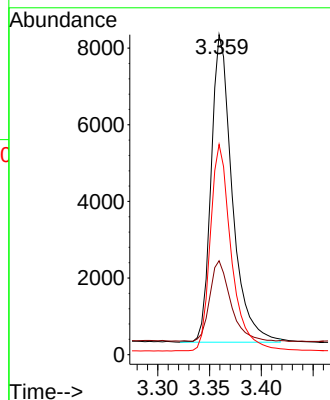
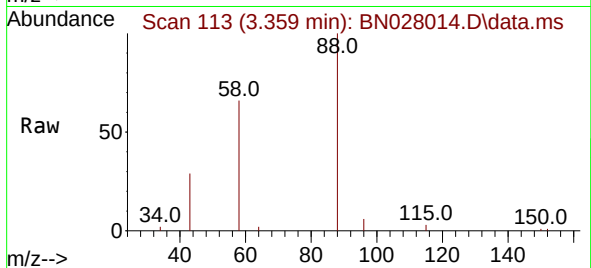




#2
1,4-Dioxane
Concen: 1.740 ng/ul
RT: 3.359 min Scan# 113
Delta R.T. -0.004 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

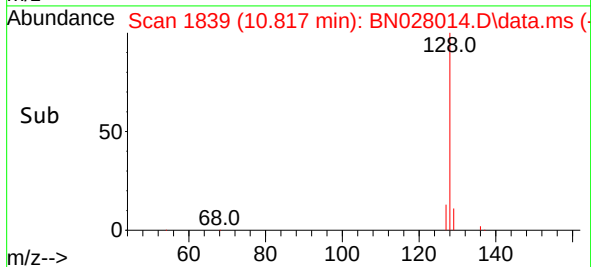
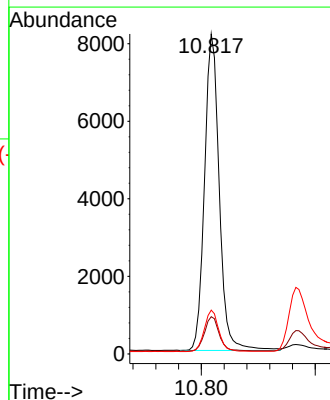
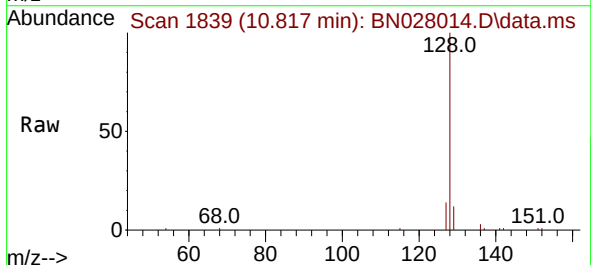
Instrument :
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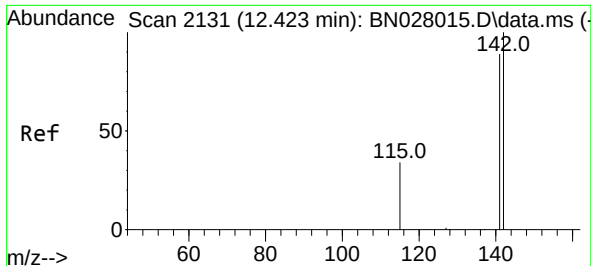
Tgt Ion: 88 Resp: 11370
Ion Ratio Lower Upper
88 100
43 29.4 33.4 50.2#
58 65.7 45.7 68.5



#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.817 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

Tgt Ion:128 Resp: 14635
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.7 11.0 16.4

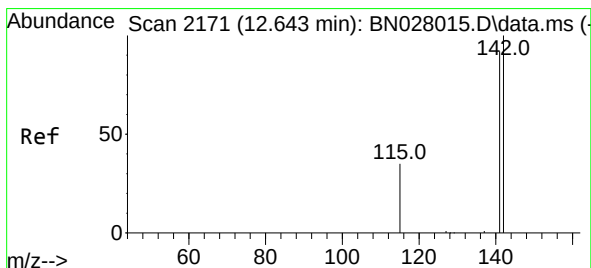
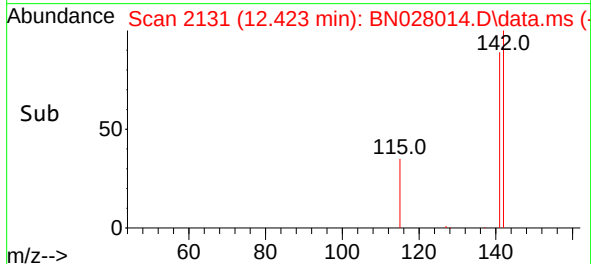
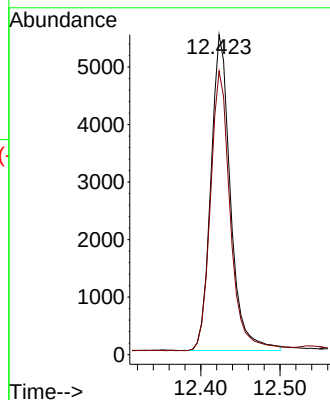
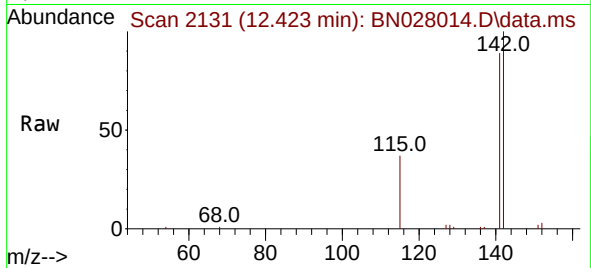




#7
2-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.423 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

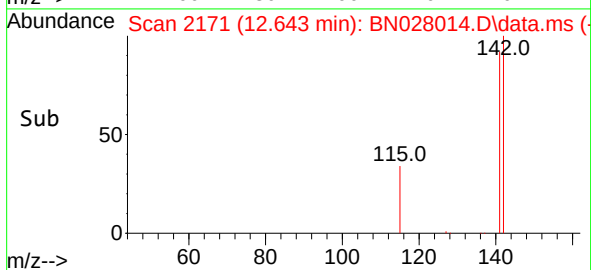
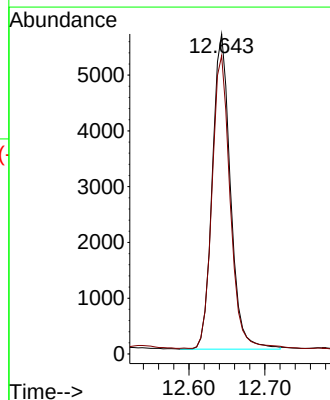
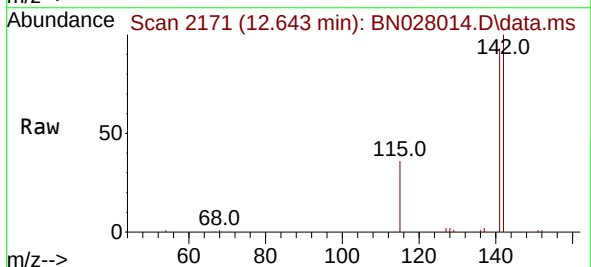
Instrument :
BNA_N
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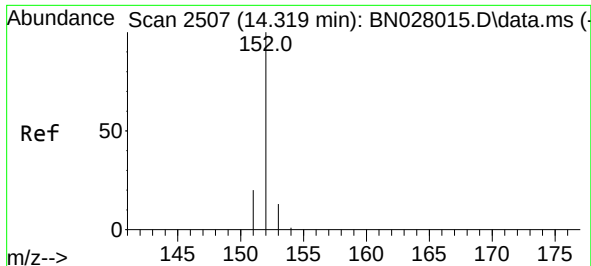
Tgt Ion:142 Resp: 9447
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.643 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

Tgt Ion:142 Resp: 9336
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6

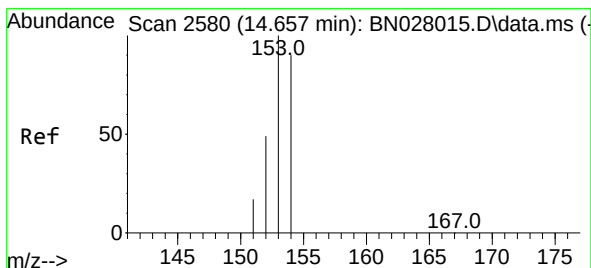
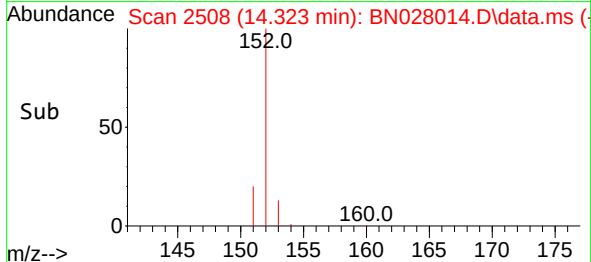
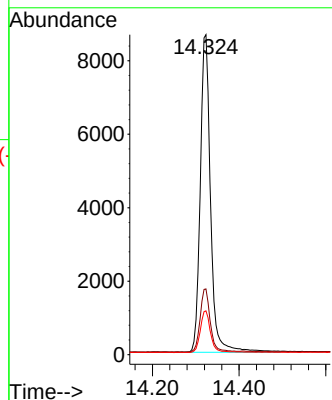
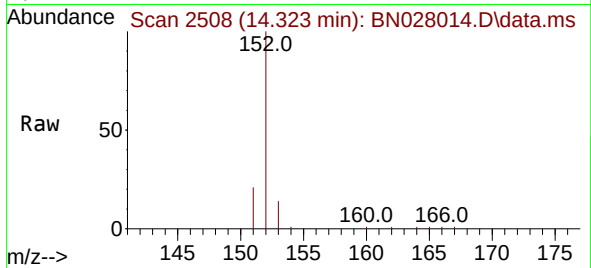




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.323 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

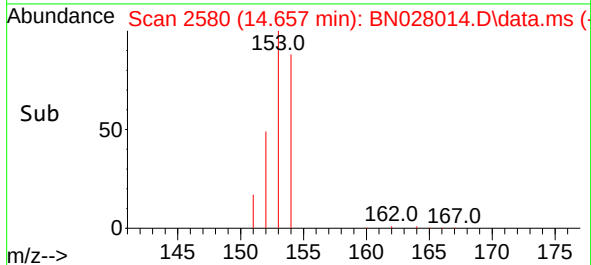
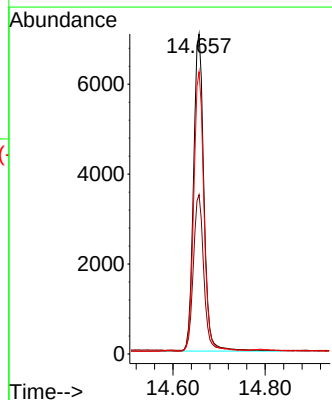
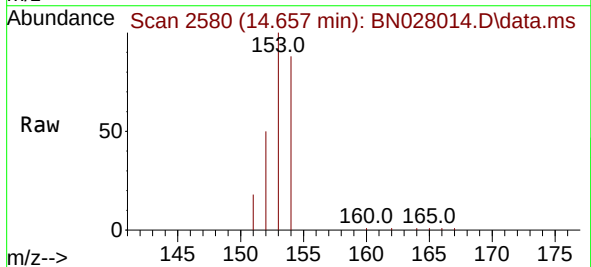
Instrument :
BNA_N
ClientSampleId :
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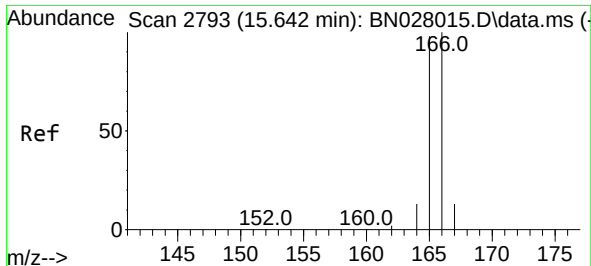
Tgt Ion:152 Resp: 14313
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.657 min Scan# 2580
Delta R.T. -0.000 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

Tgt Ion:153 Resp: 10999
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.0
154 88.2 70.2 105.4

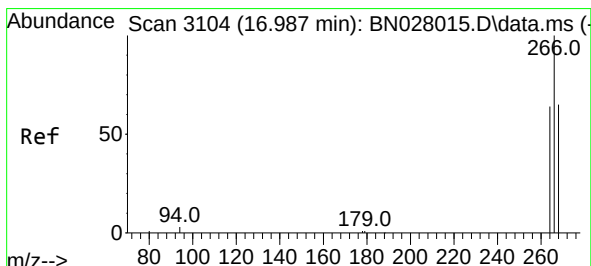
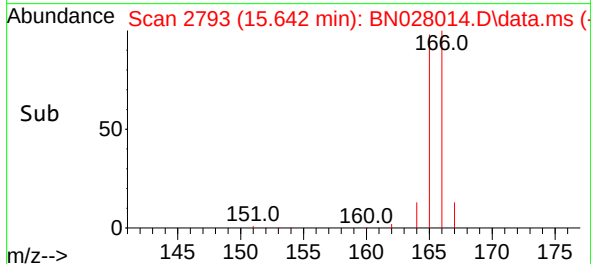
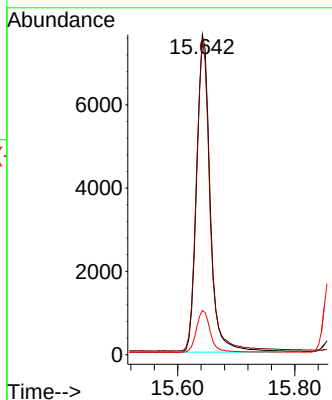
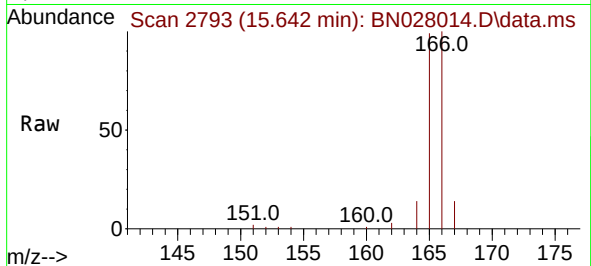




#12
 Fluorene
 Concen: 0.319 ng/ul
 RT: 15.642 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN028014.D
 Acq: 03 Oct 2023 17:14

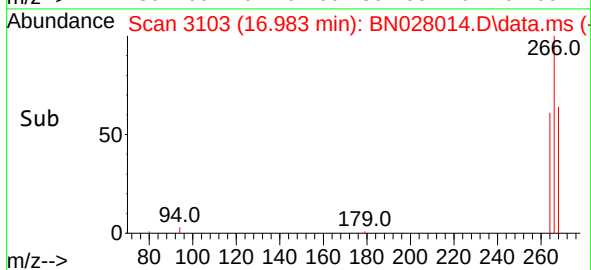
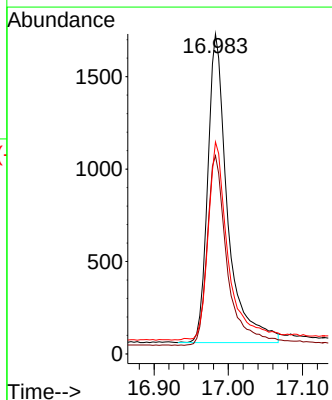
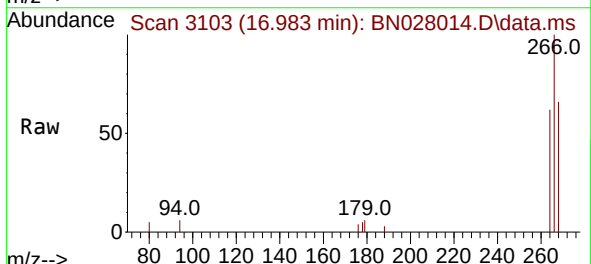
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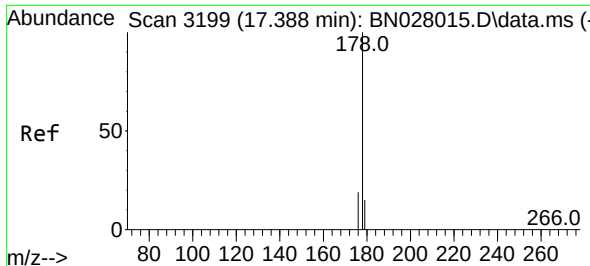
Tgt Ion:166 Resp: 12262
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.5 117.7
 167 13.8 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.709 ng/ul
 RT: 16.983 min Scan# 3103
 Delta R.T. -0.004 min
 Lab File: BN028014.D
 Acq: 03 Oct 2023 17:14

Tgt Ion:266 Resp: 3102
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.6 74.4
 268 65.0 52.2 78.4

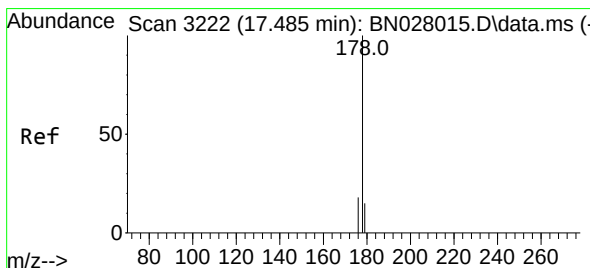
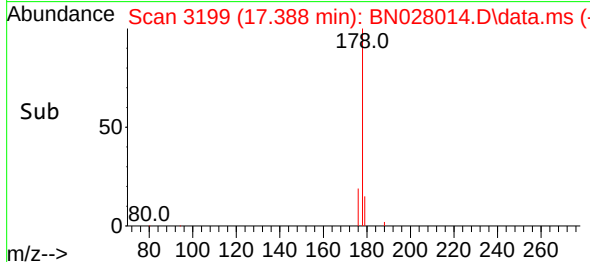
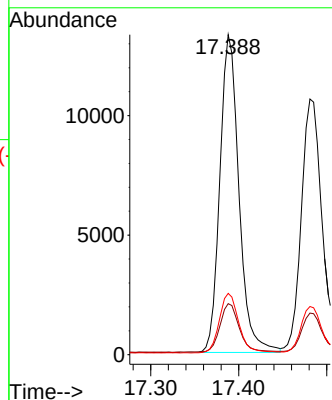
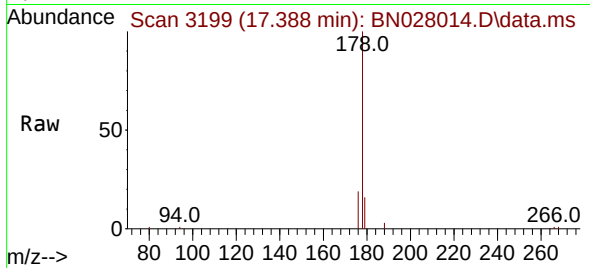




#15
Phenanthrene
Concen: 0.329 ng/u1
RT: 17.388 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

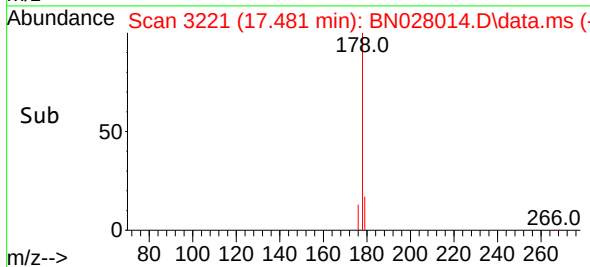
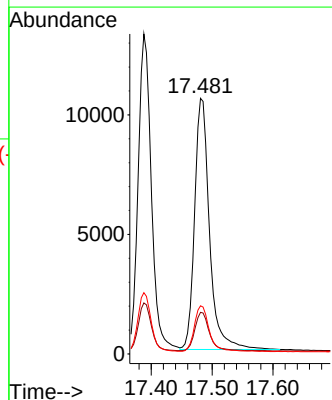
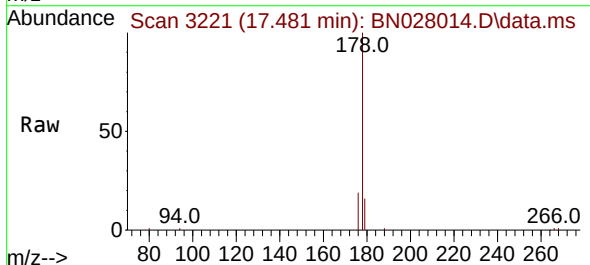
Instrument :
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ClientSampleId :
SLCS818

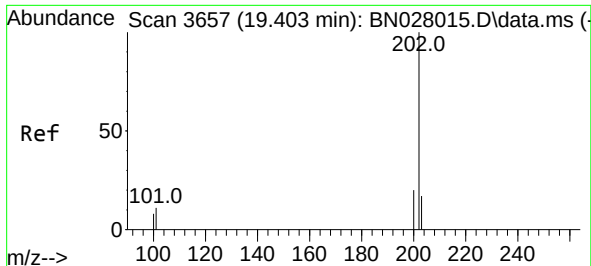
Tgt Ion:178 Resp: 20016
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.330 ng/u1
RT: 17.481 min Scan# 3221
Delta R.T. 0.000 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

Tgt Ion:178 Resp: 17938
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 18.9 15.0 22.6

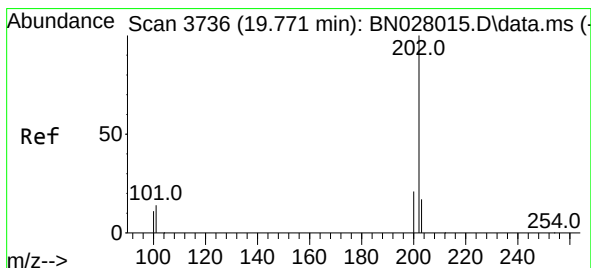
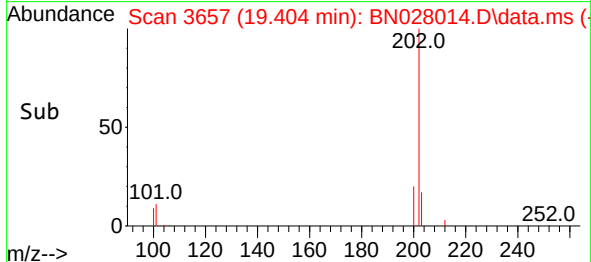
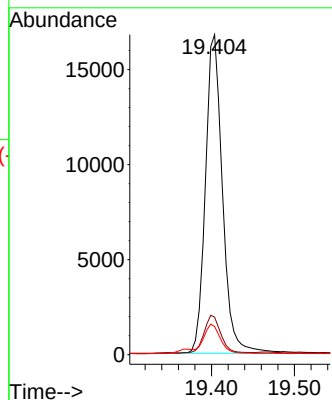
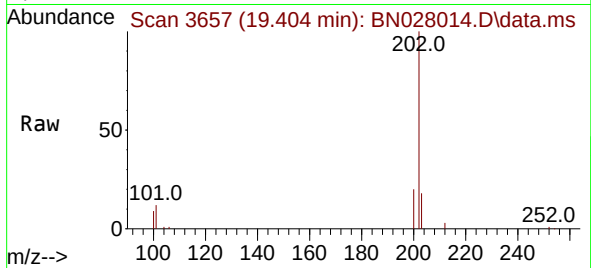




#19
Fluoranthene
Concen: 0.327 ng/ul
RT: 19.404 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

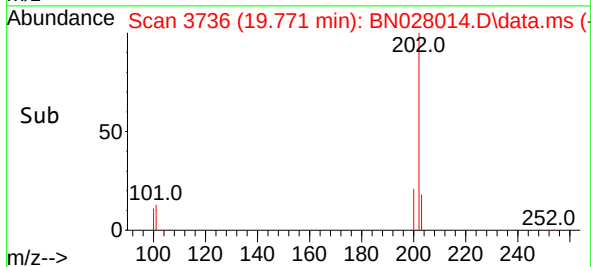
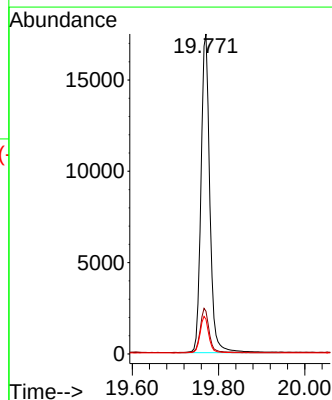
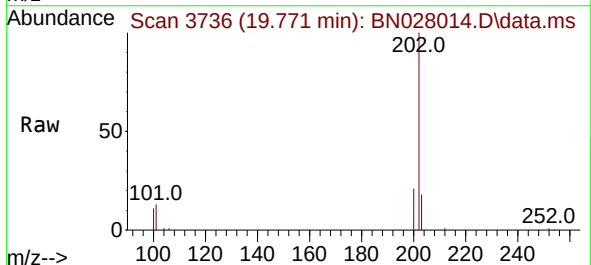
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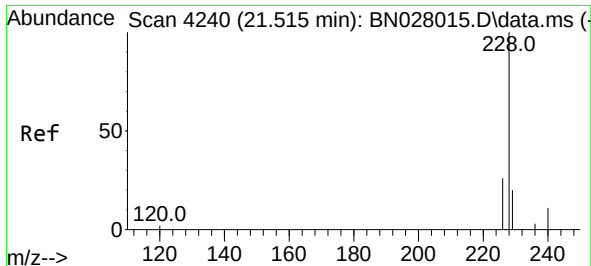
Tgt Ion:202 Resp: 23974
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
100 8.8 7.4 11.0



#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.771 min Scan# 3736
Delta R.T. 0.000 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

Tgt Ion:202 Resp: 24773
Ion Ratio Lower Upper
202 100
101 13.4 11.2 16.8
100 10.8 9.1 13.7

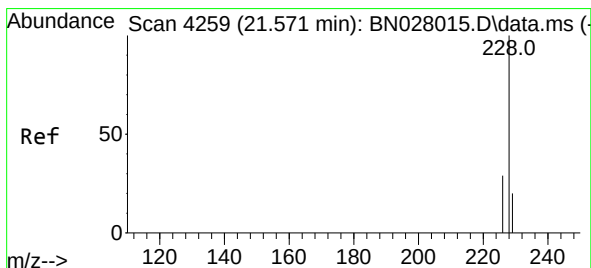
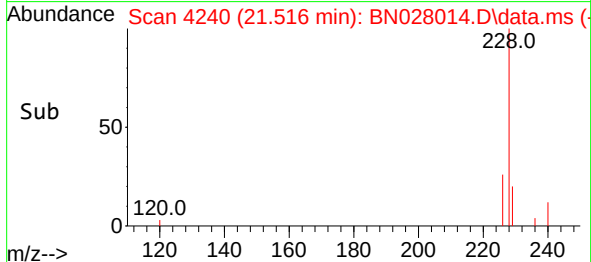
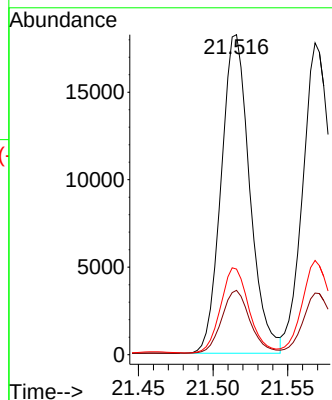
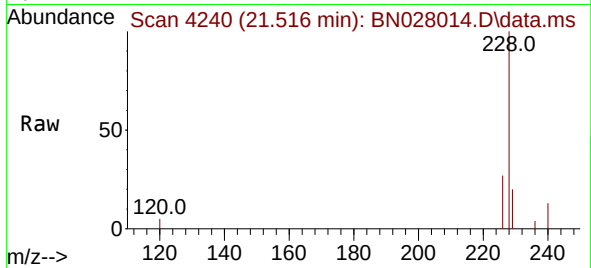




#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.516 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

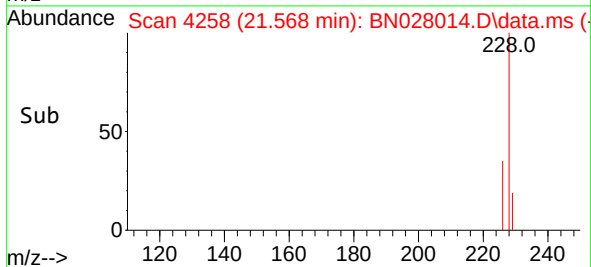
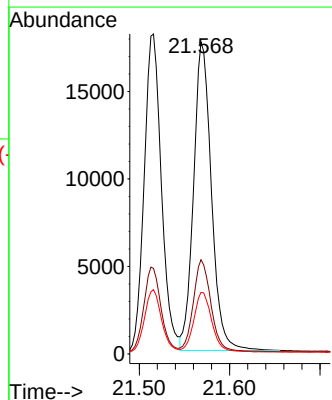
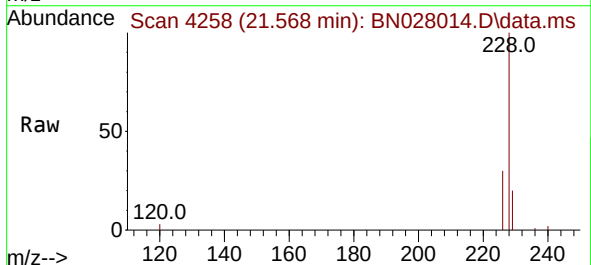
Instrument :
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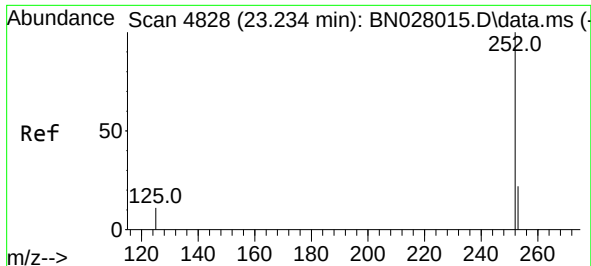
Tgt Ion:228 Resp: 24257
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 26.7 21.5 32.3



#22
Chrysene
Concen: 0.341 ng/ul
RT: 21.568 min Scan# 4258
Delta R.T. -0.006 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

Tgt Ion:228 Resp: 24146
Ion Ratio Lower Upper
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226 30.2 23.8 35.8
229 19.8 16.0 24.0

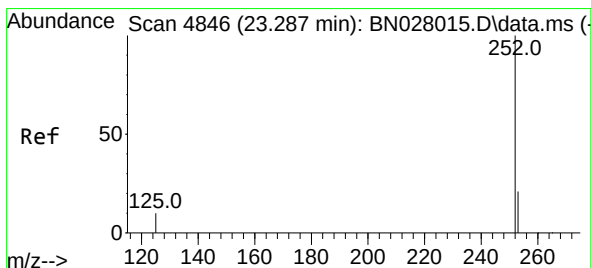
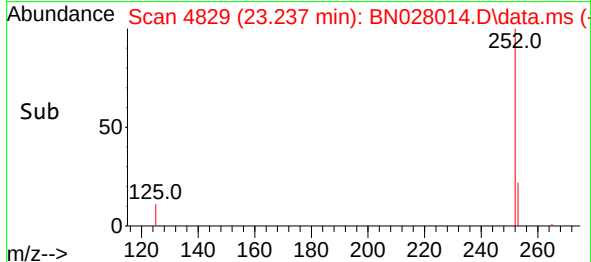
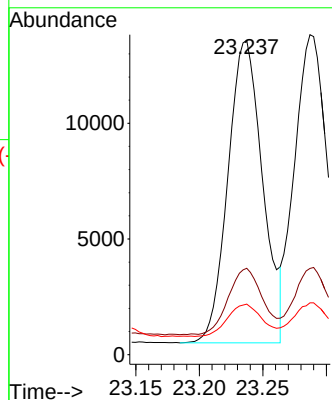
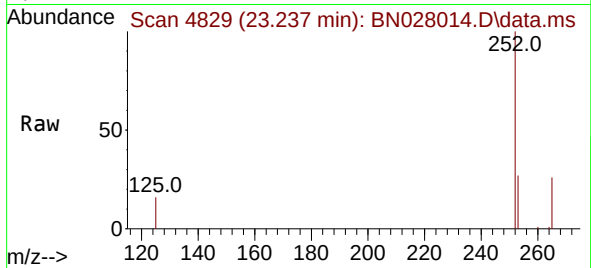




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.237 min Scan# 4828
Delta R.T. -0.003 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

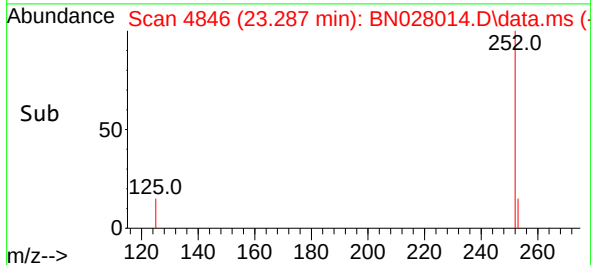
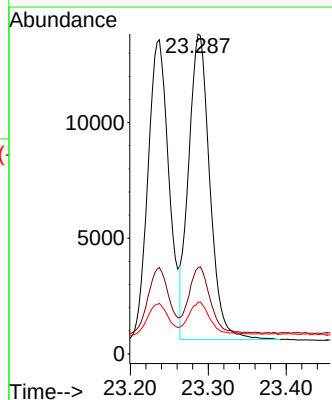
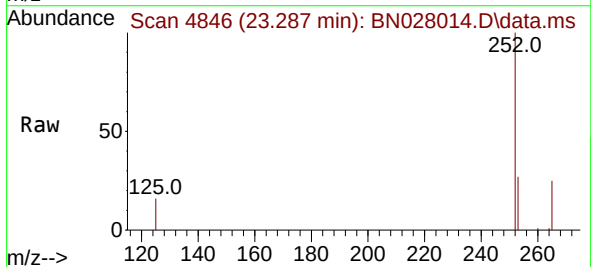
Instrument :
BNA_N
ClientSampleId :
SLCS818

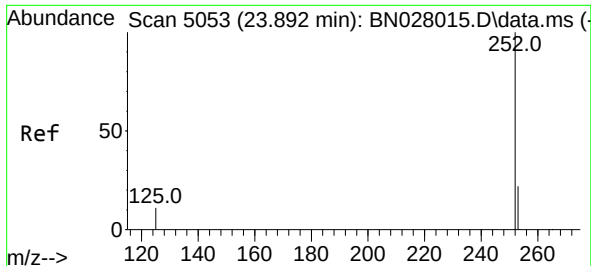
Tgt Ion:252 Resp: 24865
Ion Ratio Lower Upper
252 100
253 27.5 0.0 54.0
125 16.1 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.287 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

Tgt Ion:252 Resp: 24924
Ion Ratio Lower Upper
252 100
253 26.9 21.8 32.8
125 16.2 12.8 19.2

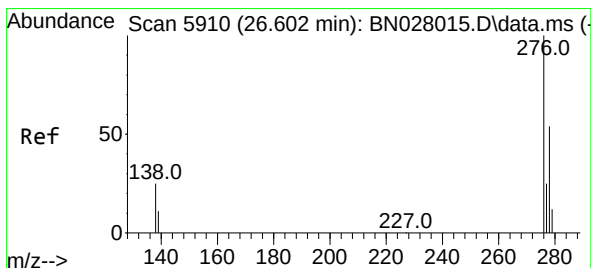
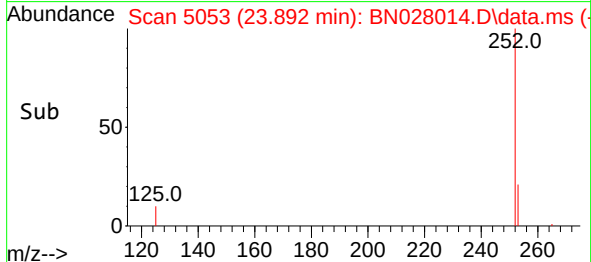
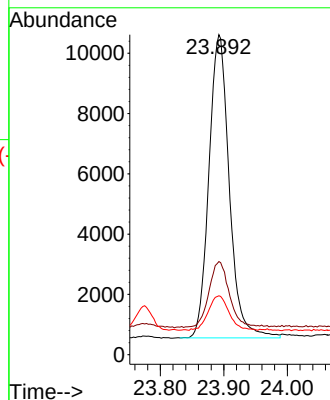
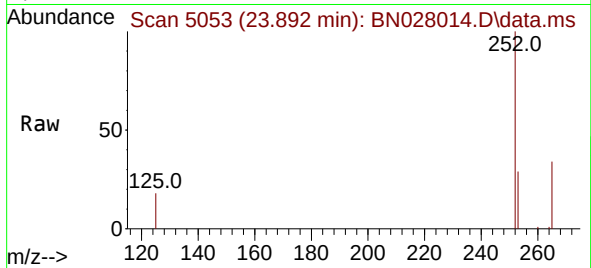




#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.892 min Scan# 5053
Delta R.T. -0.003 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

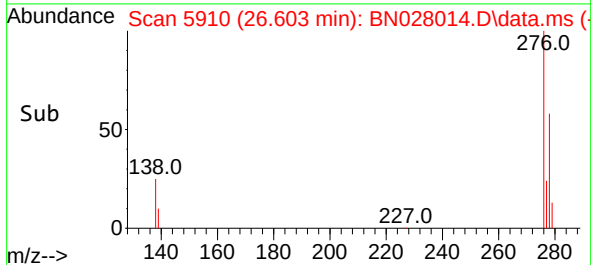
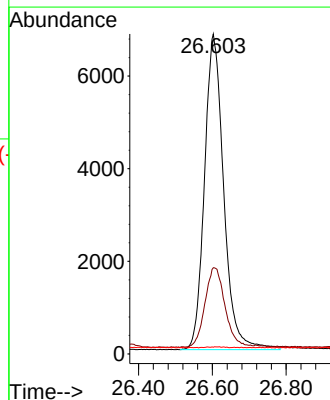
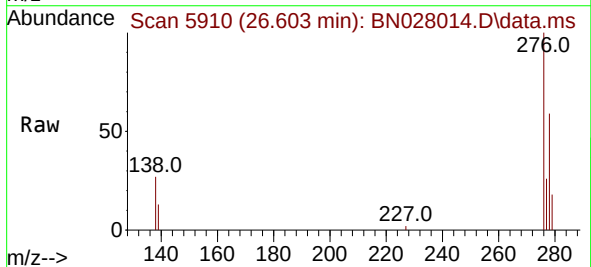
Instrument :
BNA_N
ClientSampleId :
SLCS818

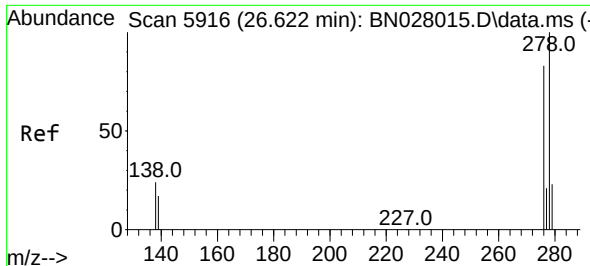
Tgt Ion:252 Resp: 22440
Ion Ratio Lower Upper
252 100
253 29.1 23.4 35.2
125 18.4 15.3 22.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul
RT: 26.603 min Scan# 5910
Delta R.T. 0.000 min
Lab File: BN028014.D
Acq: 03 Oct 2023 17:14

Tgt Ion:276 Resp: 24666
Ion Ratio Lower Upper
276 100
138 26.0 21.6 32.4
227 0.2 0.2 0.2

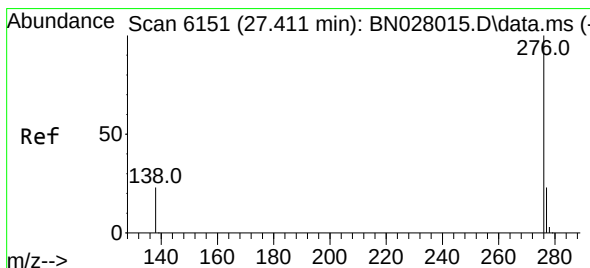
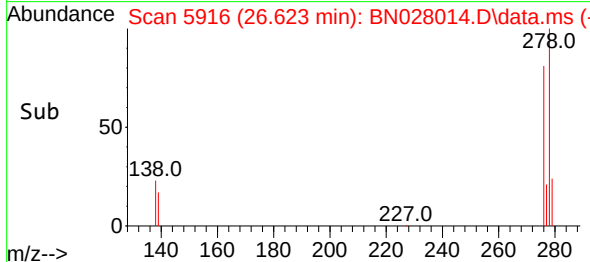
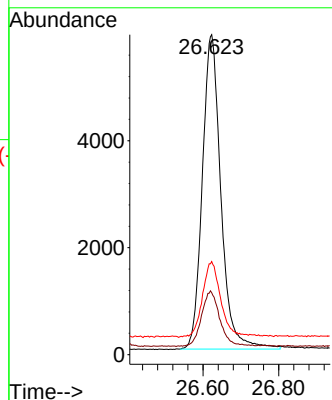
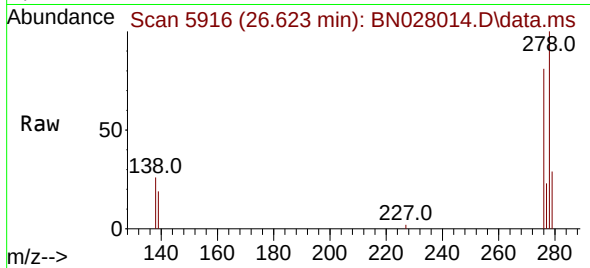




#28
 Dibenzo(a,h)anthracene
 Concen: 0.325 ng/ul
 RT: 26.623 min Scan# 5916
 Delta R.T. 0.004 min
 Lab File: BN028014.D
 Acq: 03 Oct 2023 17:14

Instrument :
 BNA_N
 ClientSampleId :
 SLCS818

Tgt Ion:278 Resp: 20101
 Ion Ratio Lower Upper
 278 100
 139 19.3 15.9 23.9
 279 29.1 22.8 34.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.316 ng/ul
 RT: 27.414 min Scan# 6152
 Delta R.T. -0.006 min
 Lab File: BN028014.D
 Acq: 03 Oct 2023 17:14

Tgt Ion:276 Resp: 19702
 Ion Ratio Lower Upper
 276 100
 138 25.2 19.8 29.6
 277 26.4 20.6 31.0

