

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024172.D
 Acq On : 08 Mar 2023 17:25
 Operator : CG/JU
 Sample : PB151196BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS196

Quant Time: Mar 09 03:36:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 01:03:32 2023
 Response via : Initial Calibration

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

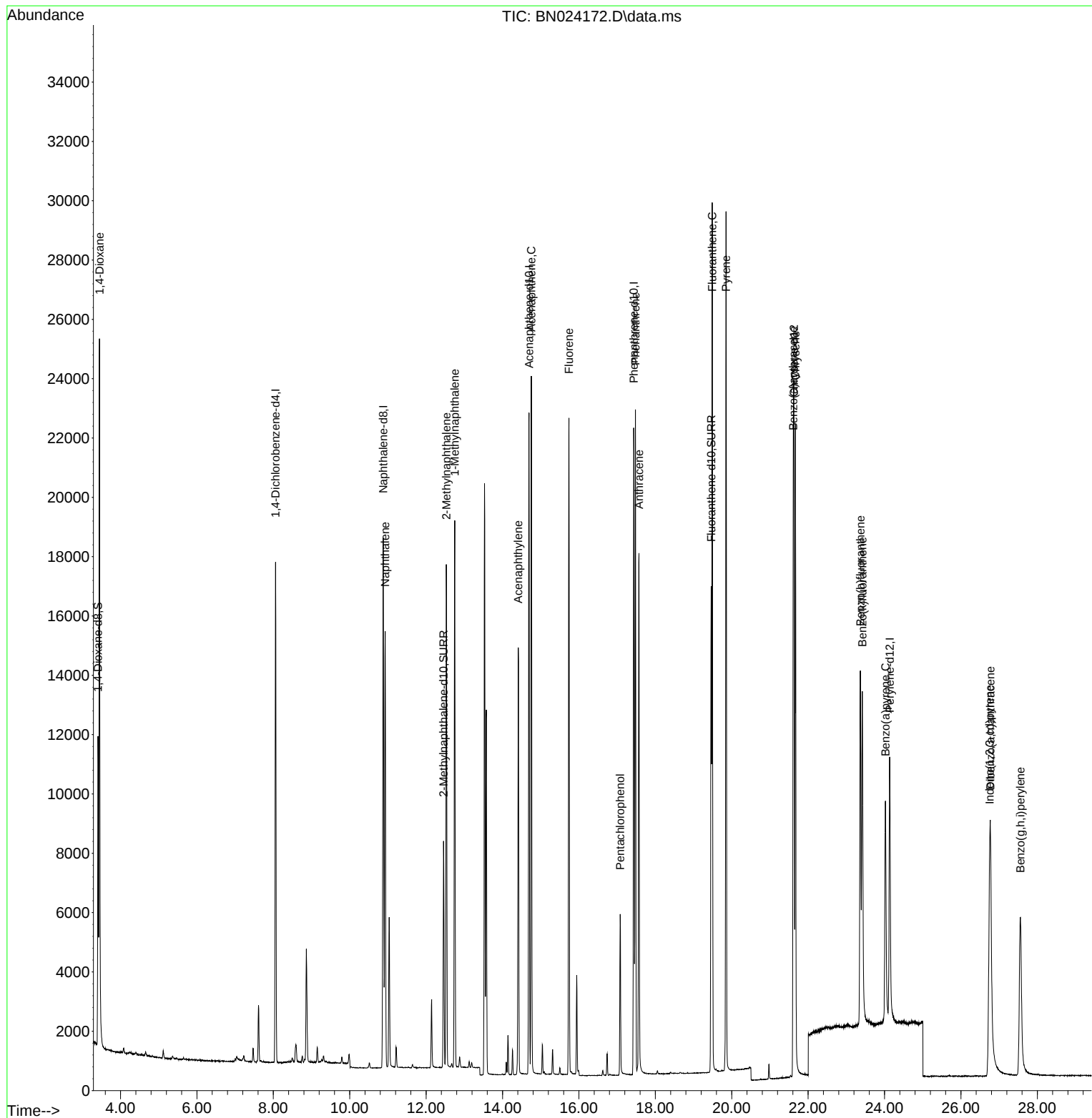
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	8380	0.400	ng/u1	0.00
4) Naphthalene-d8	10.878	136	23455	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.693	164	11914	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.434	188	24242	0.400	ng/u1	0.00
17) Chrysene-d12	21.630	240	17374	0.400	ng/u1	0.00
23) Perylene-d12	24.135	264	13256	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	6181	0.670	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.456	152	9476	0.340	ng/u1	0.00
18) Fluoranthene-d10	19.459	212	16562	0.358	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	15321	1.527	ng/u1	90
5) Naphthalene	10.927	128	19737	0.337	ng/u1	99
7) 2-Methylnaphthalene	12.527	142	11718	0.330	ng/u1	100
8) 1-Methylnaphthalene	12.747	142	12369	0.331	ng/u1	100
10) Acenaphthylene	14.411	152	16125	0.324	ng/u1	99
11) Acenaphthene	14.754	153	12810	0.334	ng/u1	99
12) Fluorene	15.739	166	13966	0.327	ng/u1	98
14) Pentachlorophenol	17.080	266	3533	0.525	ng/u1#	73
15) Phenanthrene	17.477	178	23214	0.334	ng/u1	100
16) Anthracene	17.569	178	19292	0.317	ng/u1	99
19) Fluoranthene	19.487	202	23927	0.346	ng/u1	96
20) Pyrene	19.850	202	23602	0.336	ng/u1	96
21) Benzo(a)anthracene	21.609	228	17901	0.316	ng/u1	99
22) Chrysene	21.667	228	20570	0.343	ng/u1	99
24) Benzo(b)fluoranthene	23.366	252	17589	0.347	ng/u1	99
25) Benzo(k)fluoranthene	23.418	252	18531	0.353	ng/u1	98
26) Benzo(a)pyrene	24.024	252	14187	0.326	ng/u1	97
27) Indeno(1,2,3-cd)pyrene	26.750	276	15931	0.325	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.773	278	11785	0.316	ng/u1	99
29) Benzo(g,h,i)perylene	27.558	276	14508	0.341	ng/u1	99

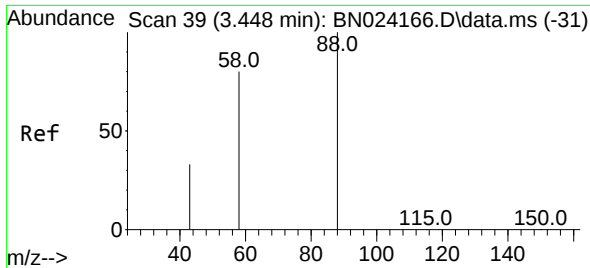
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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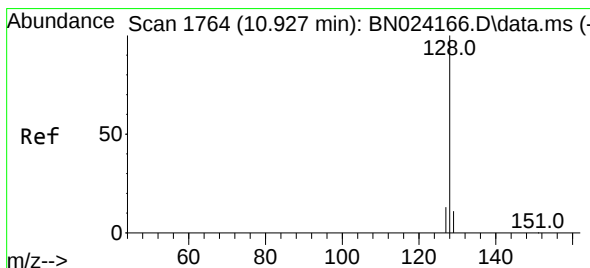
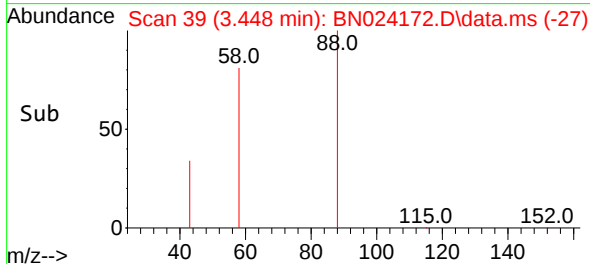
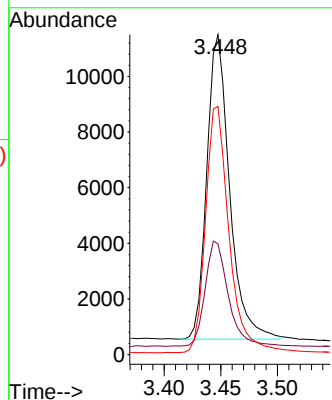
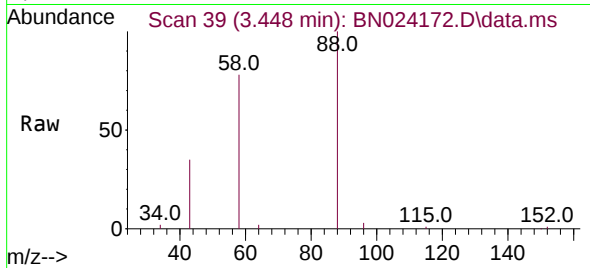




#2
1,4-Dioxane
Concen: 1.527 ng/ul
RT: 3.448 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

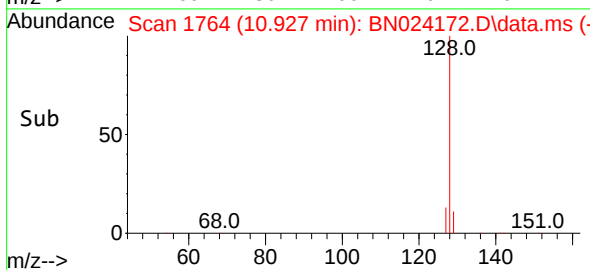
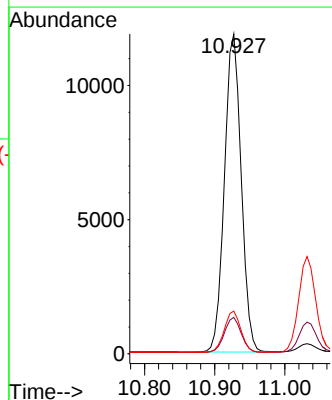
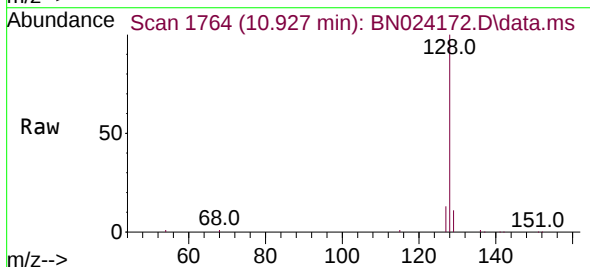
Instrument :
BNA_N
ClientSampleId :
SLCS196

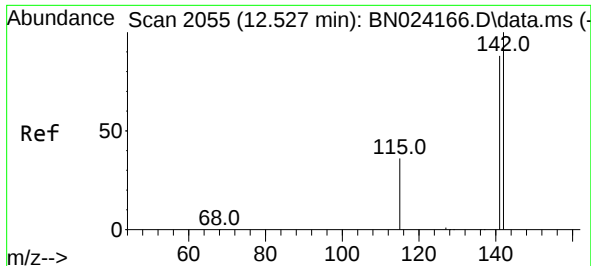
Tgt Ion: 88 Resp: 15321
Ion Ratio Lower Upper
88 100
43 34.6 32.1 48.1
58 77.5 55.1 82.7



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

Tgt Ion:128 Resp: 19737
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.5 15.7

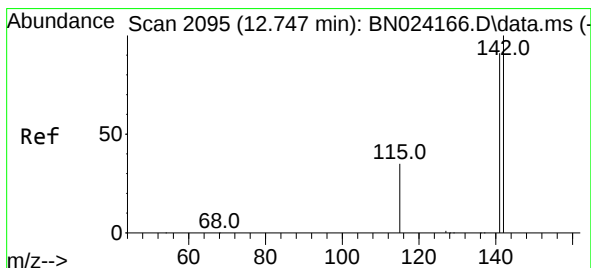
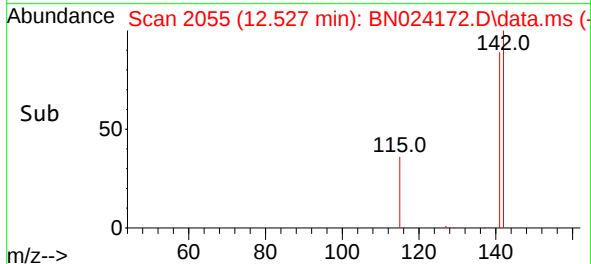
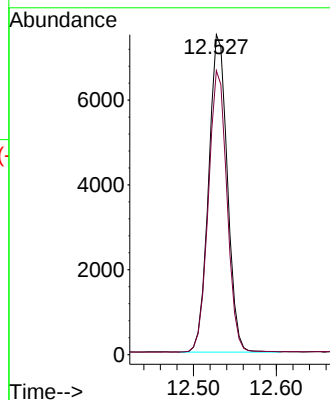
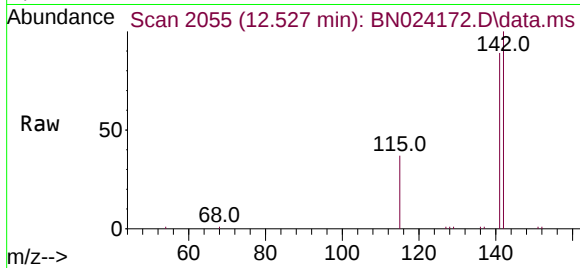




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.527 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

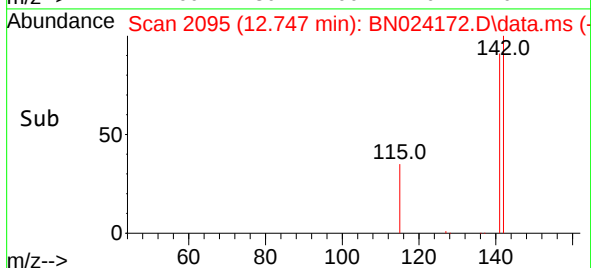
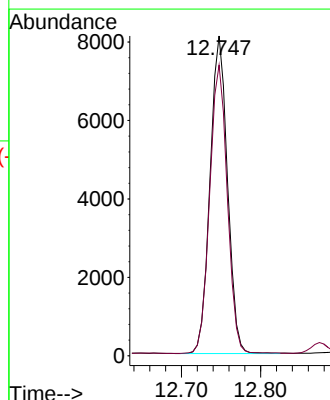
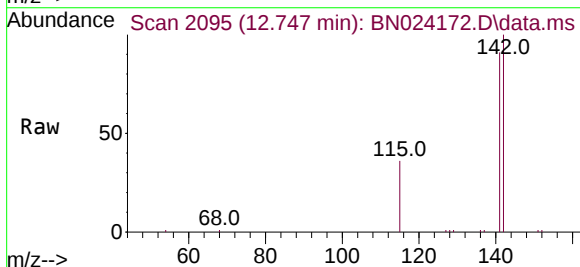
Instrument :
BNA_N
ClientSampleId :
SLCS196

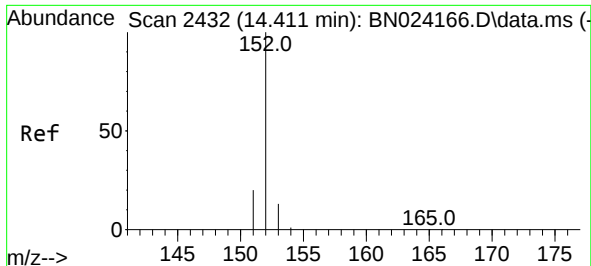
Tgt Ion:142 Resp: 11718
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.747 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

Tgt Ion:142 Resp: 12369
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6

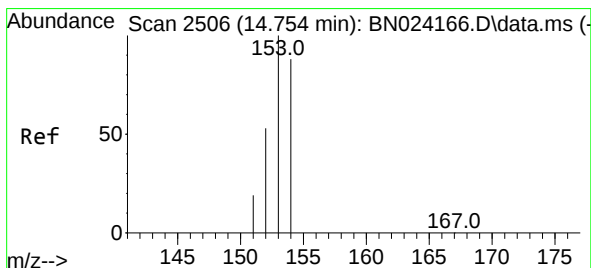
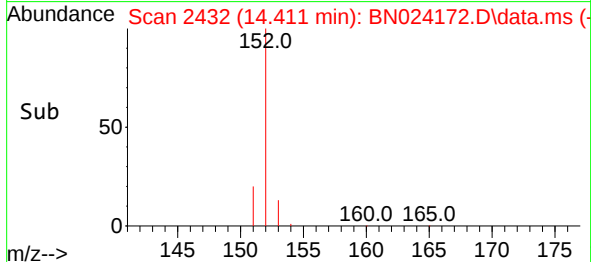
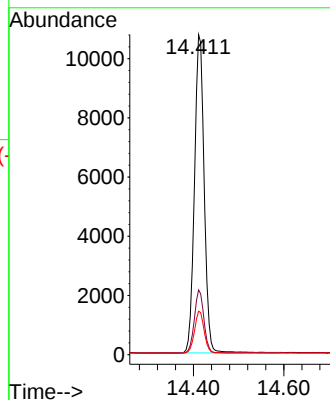
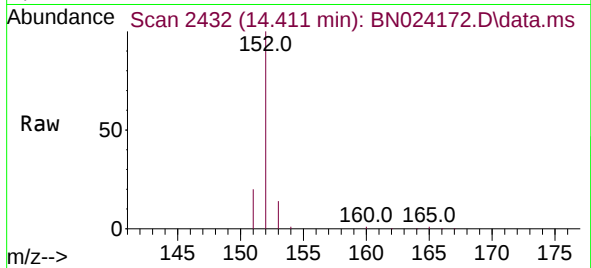




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

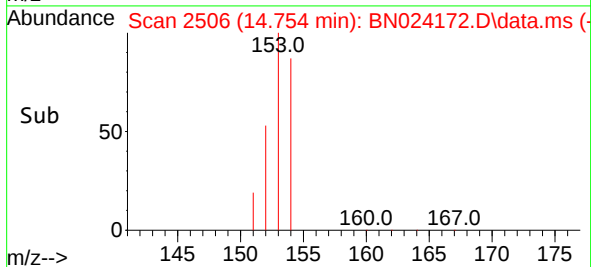
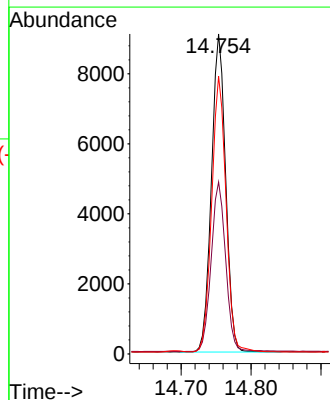
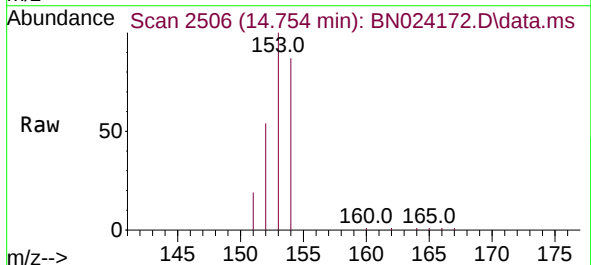
Instrument :
BNA_N
ClientSampleId :
SLCS196

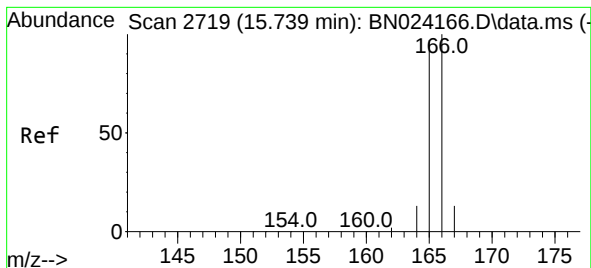
Tgt Ion:	152	Resp:	16125
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.6	10.6	16.0



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

Tgt Ion:	153	Resp:	12810
Ion Ratio	Lower	Upper	
153	100		
152	53.7	42.6	64.0
154	86.8	70.6	105.8





#12

Fluorene

Concen: 0.327 ng/ul

RT: 15.739 min Scan# 2719

Delta R.T. 0.000 min

Lab File: BN024172.D

Acq: 08 Mar 2023 17:25

Instrument :

BNA_N

ClientSampleId :

SLCS196

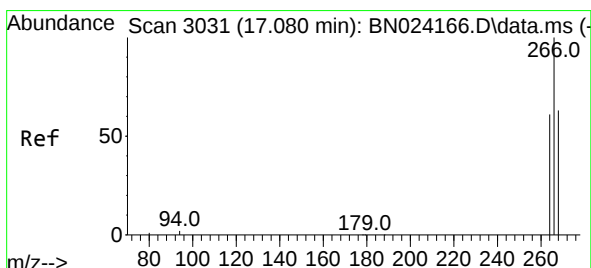
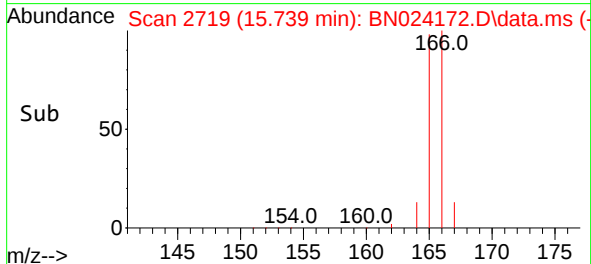
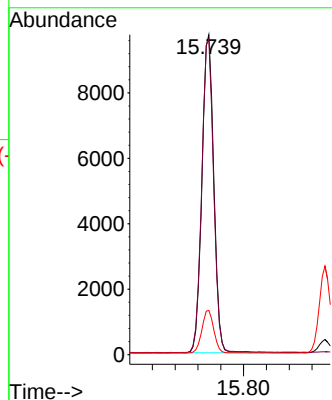
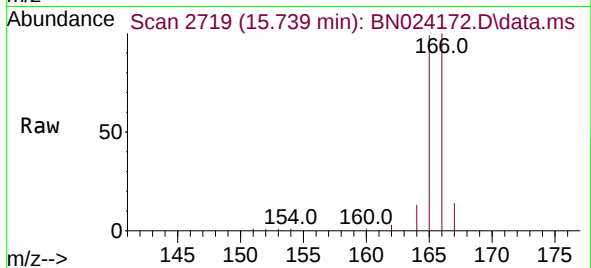
Tgt Ion:166 Resp: 13966

Ion Ratio Lower Upper

166 100

165 98.5 77.4 116.0

167 13.8 10.9 16.3



#14

Pentachlorophenol

Concen: 0.525 ng/ul

RT: 17.080 min Scan# 3031

Delta R.T. 0.000 min

Lab File: BN024172.D

Acq: 08 Mar 2023 17:25

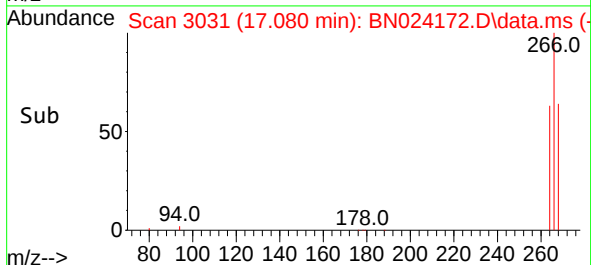
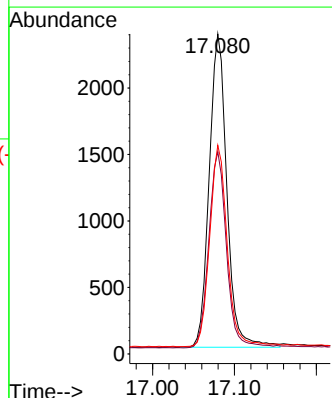
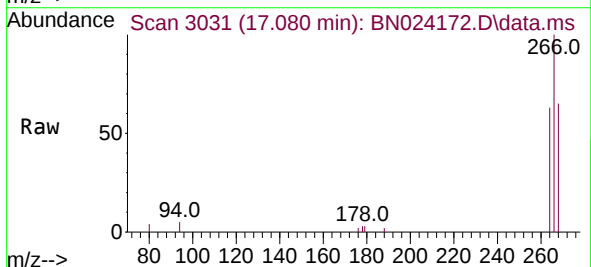
Tgt Ion:266 Resp: 3533

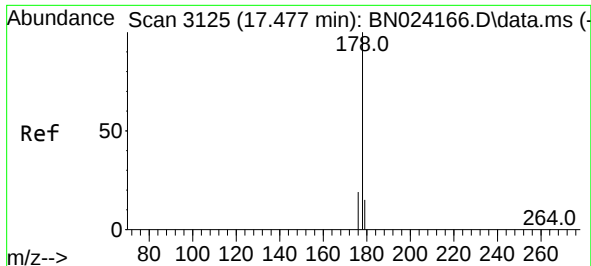
Ion Ratio Lower Upper

266 100

264 63.0 0.0 0.0#

268 64.1 0.1 0.1#

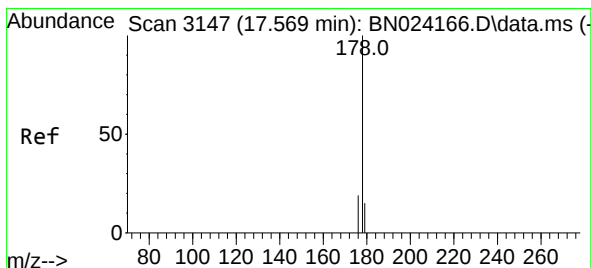
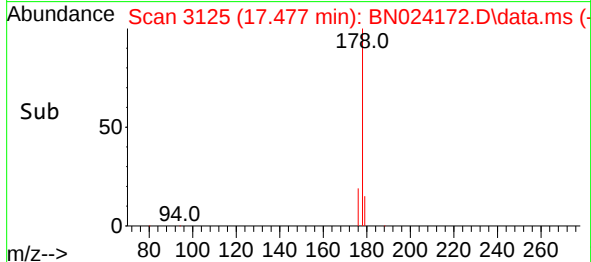
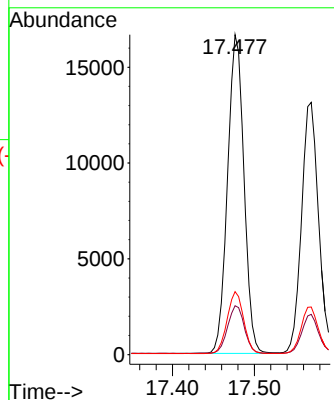
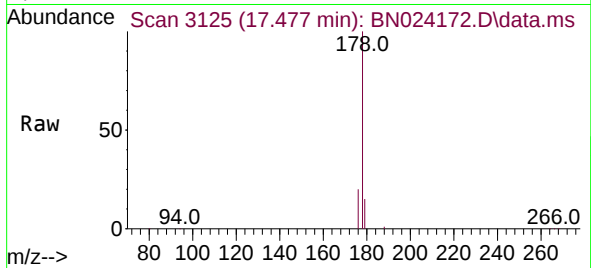




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

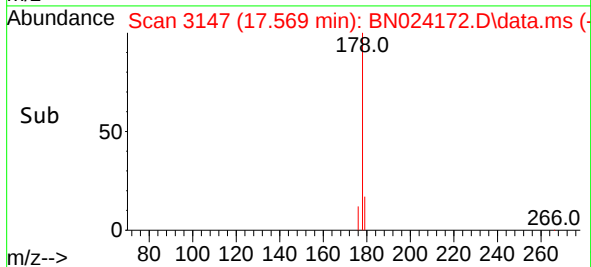
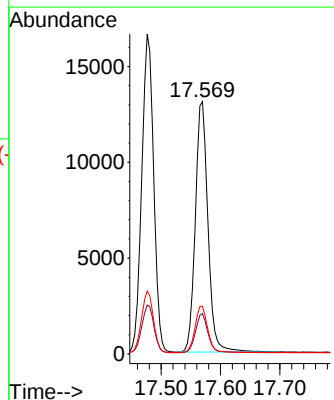
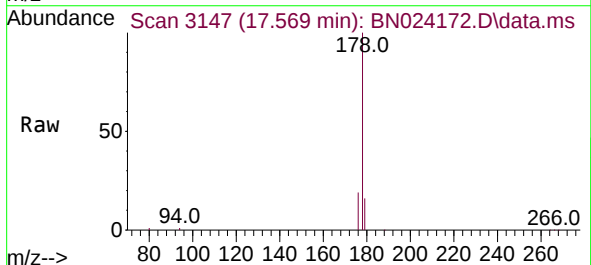
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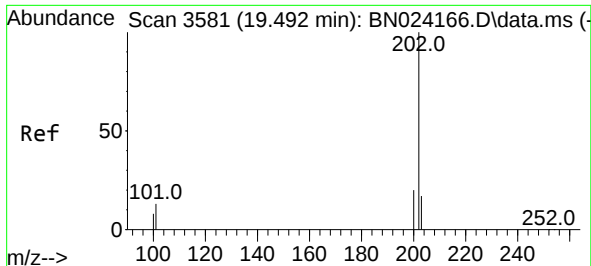
Tgt Ion:178 Resp: 23214
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.317 ng/ul
RT: 17.569 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

Tgt Ion:178 Resp: 19292
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 18.9 15.3 22.9

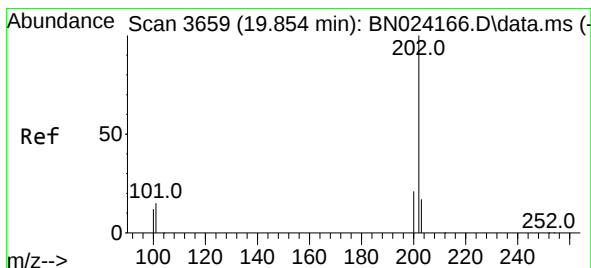
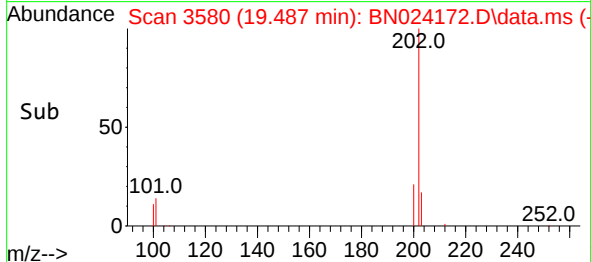
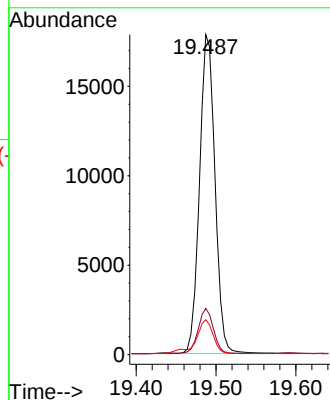
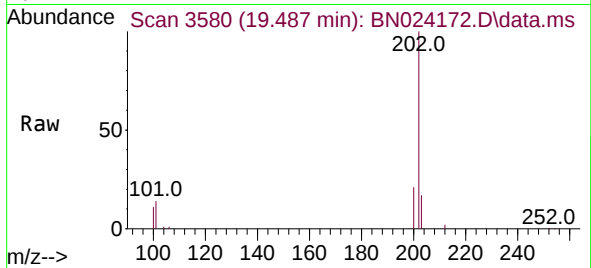




#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

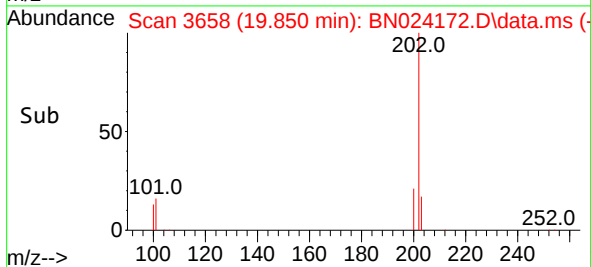
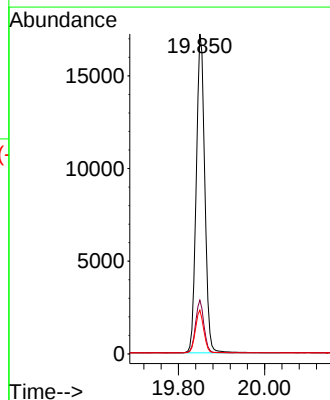
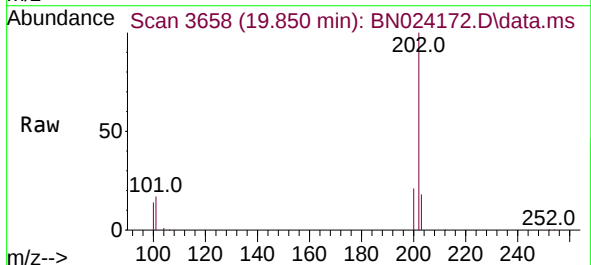
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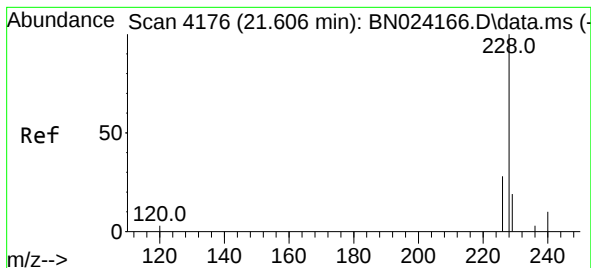
Tgt Ion:202 Resp: 23927
Ion Ratio Lower Upper
202 100
101 14.4 10.4 15.6
100 10.9 7.7 11.5



#20
Pyrene
Concen: 0.336 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

Tgt Ion:202 Resp: 23602
Ion Ratio Lower Upper
202 100
101 16.8 12.1 18.1
100 13.7 9.4 14.0





#21

Benzo(a)anthracene

Concen: 0.316 ng/ul

RT: 21.609 min Scan# 4177

Delta R.T. 0.003 min

Lab File: BN024172.D

Acq: 08 Mar 2023 17:25

Instrument :

BNA_N

ClientSampleId :

SLCS196

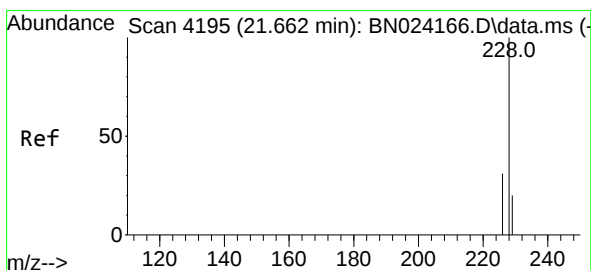
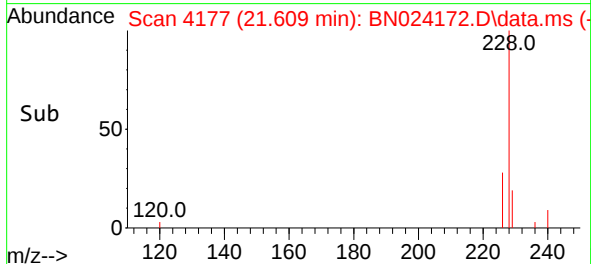
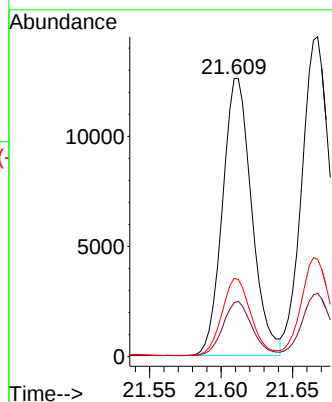
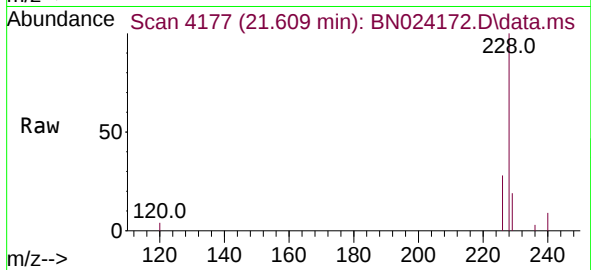
Tgt Ion:228 Resp: 17901

Ion Ratio Lower Upper

228 100

229 19.4 15.8 23.6

226 28.1 22.2 33.4



#22

Chrysene

Concen: 0.343 ng/ul

RT: 21.667 min Scan# 4197

Delta R.T. 0.006 min

Lab File: BN024172.D

Acq: 08 Mar 2023 17:25

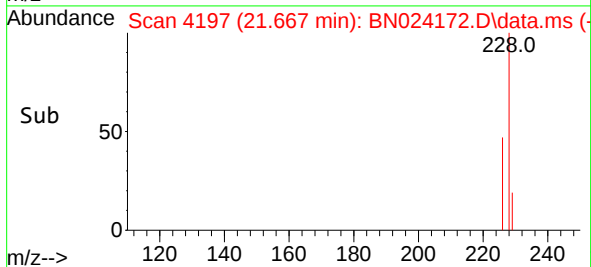
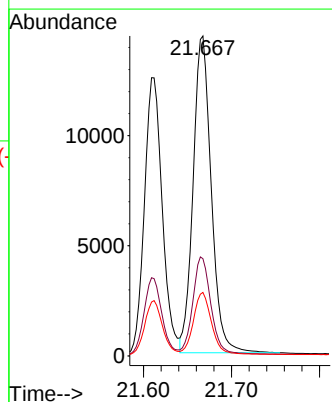
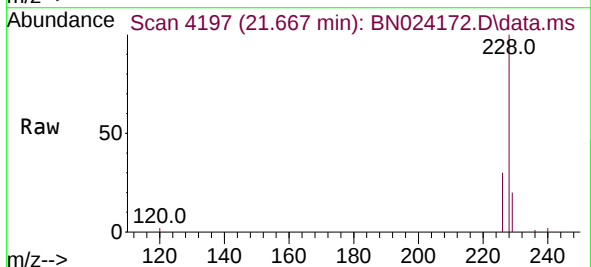
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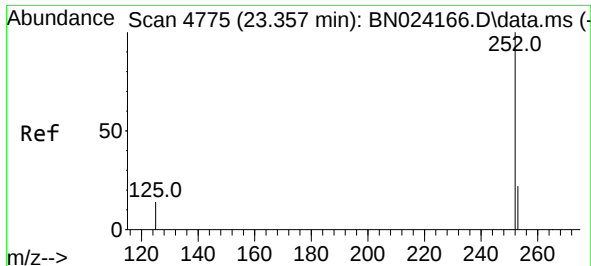
Ion Ratio Lower Upper

228 100

226 30.4 24.8 37.2

229 19.8 15.8 23.6

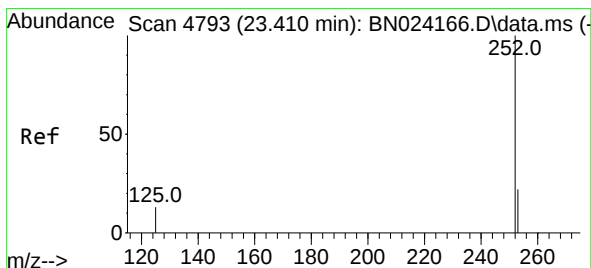
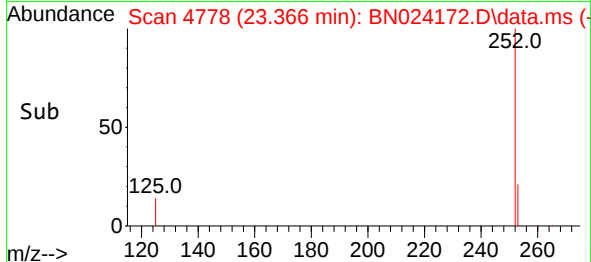
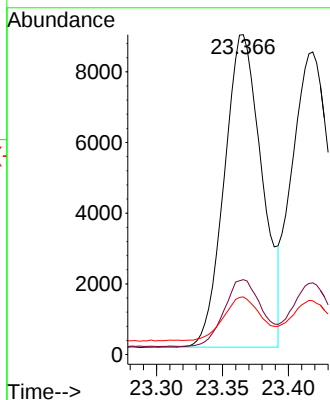
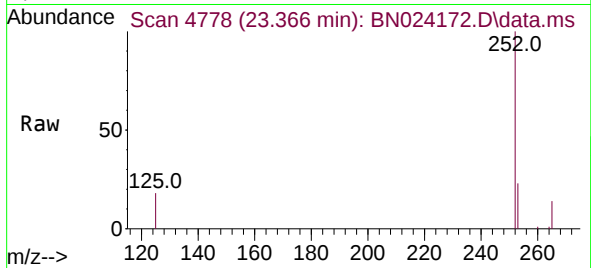




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.366 min Scan# 4778
Delta R.T. 0.009 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

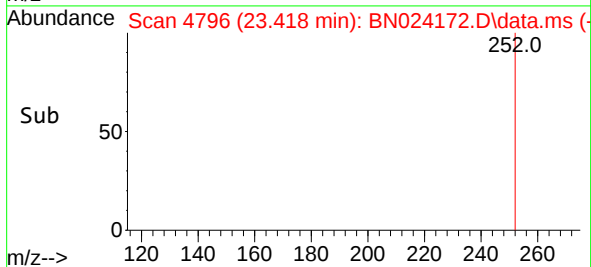
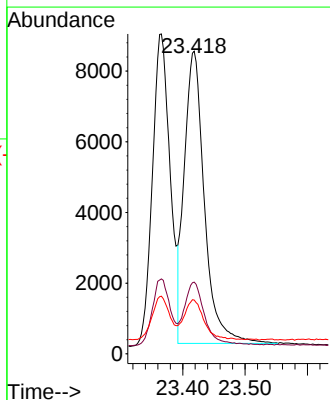
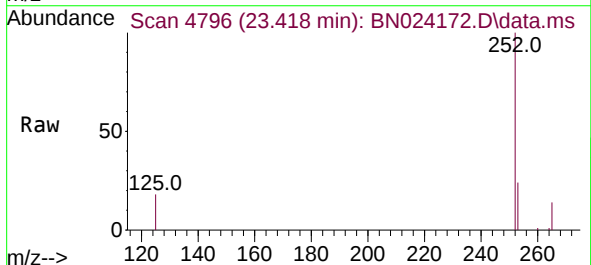
Instrument :
BNA_N
ClientSampleId :
SLCS196

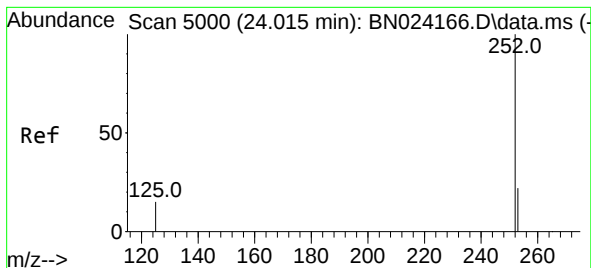
Tgt Ion:252 Resp: 17589
Ion Ratio Lower Upper
252 100
253 23.4 0.0 46.2
125 18.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 23.418 min Scan# 4796
Delta R.T. 0.009 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

Tgt Ion:252 Resp: 18531
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 17.8 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.326 ng/ul

RT: 24.024 min Scan# 5003

Delta R.T. 0.009 min

Lab File: BN024172.D

Acq: 08 Mar 2023 17:25

Instrument :

BNA_N

ClientSampleId :

SLCS196

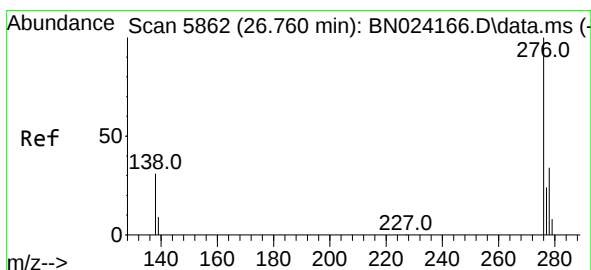
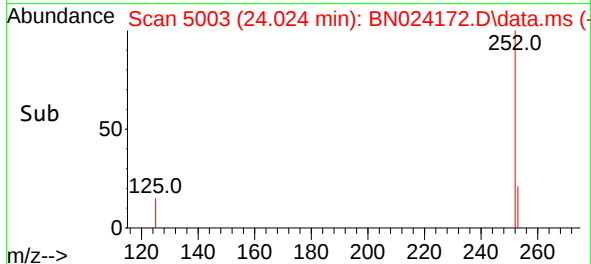
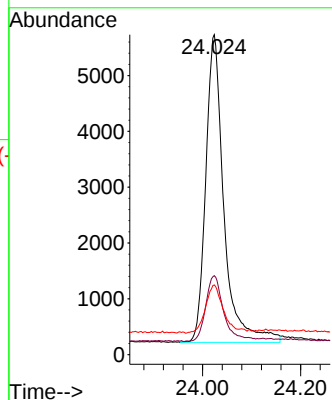
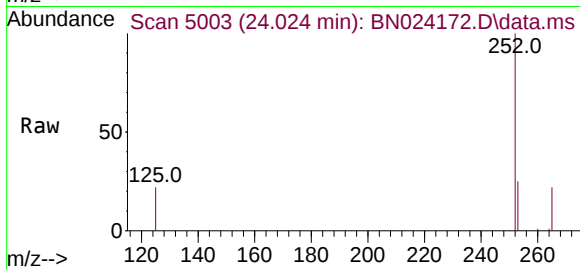
Tgt Ion:252 Resp: 14187

Ion Ratio Lower Upper

252 100

253 24.7 19.2 28.8

125 21.8 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.325 ng/ul

RT: 26.750 min Scan# 5859

Delta R.T. -0.010 min

Lab File: BN024172.D

Acq: 08 Mar 2023 17:25

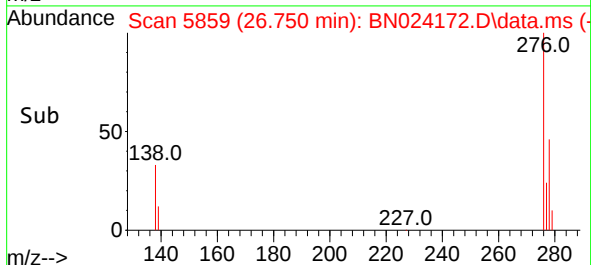
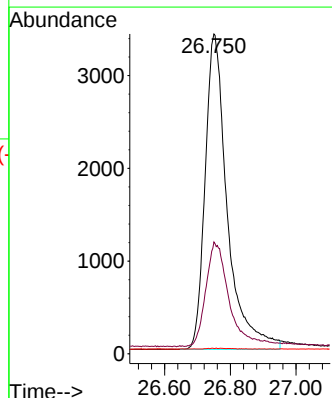
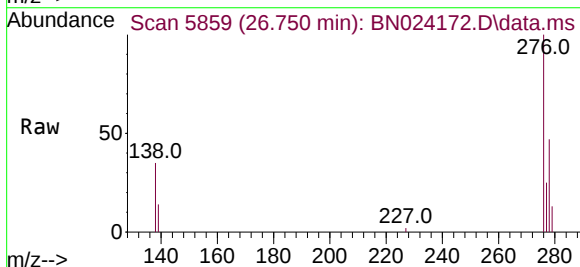
Tgt Ion:276 Resp: 15931

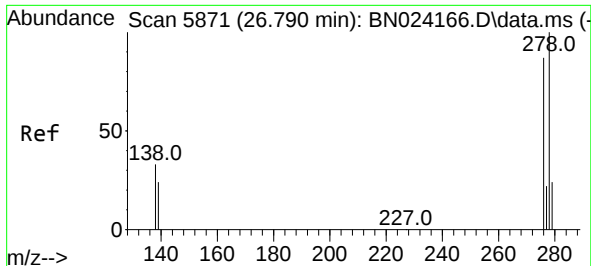
Ion Ratio Lower Upper

276 100

138 34.9 0.0 0.0#

227 0.0 0.0 0.0#

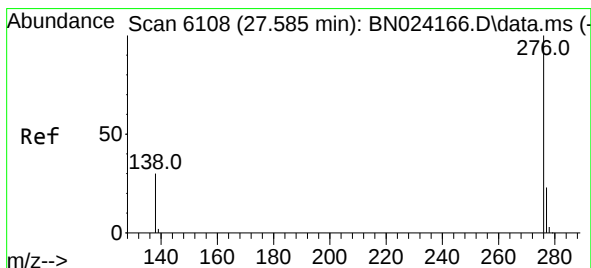
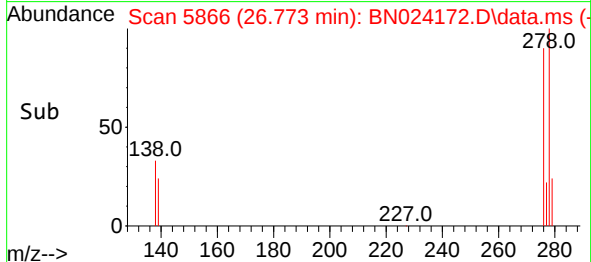
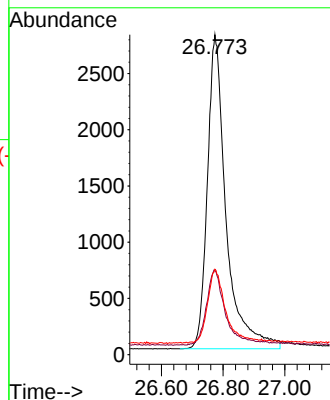
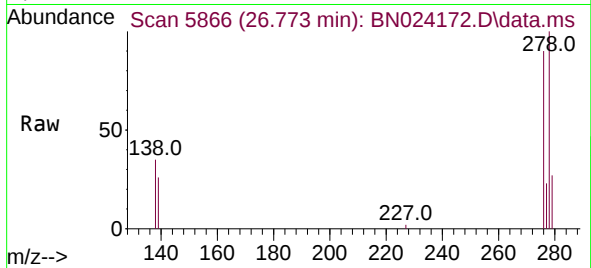




#28
Dibenzo(a,h)anthracene
Concen: 0.316 ng/ul
RT: 26.773 min Scan# 5871
Delta R.T. -0.017 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

Instrument :
BNA_N
ClientSampleId :
SLCS196

Tgt Ion:	278	Resp:	11785
Ion Ratio	Lower	Upper	
278	100		
139	26.4	21.0	31.6
279	26.7	20.4	30.6



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 27.558 min Scan# 6100
Delta R.T. -0.027 min
Lab File: BN024172.D
Acq: 08 Mar 2023 17:25

Tgt Ion:	276	Resp:	14508
Ion Ratio	Lower	Upper	
276	100		
138	32.0	25.2	37.8
277	24.8	19.4	29.2

