

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024192.D
 Acq On : 09 Mar 2023 06:17
 Operator : CG/JU
 Sample : PB151200BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS200

Quant Time: Mar 09 06:50:26 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 03:48:21 2023
 Response via : Initial Calibration

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

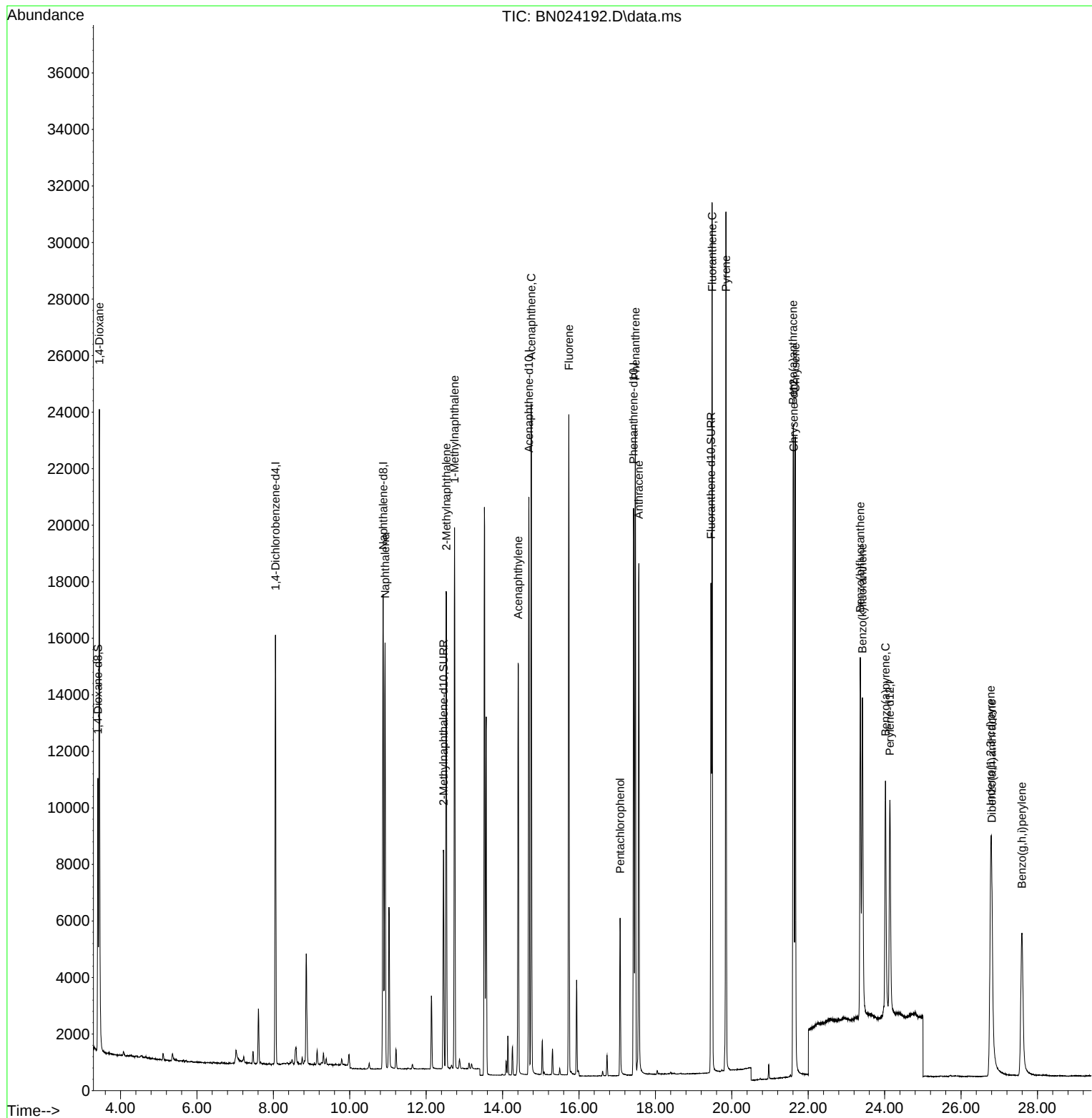
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	7628	0.400	ng/u1	0.00
4) Naphthalene-d8	10.872	136	21657	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.689	164	11185	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.430	188	22837	0.400	ng/u1	0.00
17) Chrysene-d12	21.621	240	16296	0.400	ng/u1	0.00
23) Perylene-d12	24.138	264	12565	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	5875	0.700	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.451	152	9828	0.382	ng/u1	0.00
18) Fluoranthene-d10	19.455	212	17432	0.402	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	14863	1.628	ng/u1	90
5) Naphthalene	10.922	128	20141	0.373	ng/u1	100
7) 2-Methylnaphthalene	12.528	142	12070	0.368	ng/u1	99
8) 1-Methylnaphthalene	12.742	142	12730	0.369	ng/u1	100
10) Acenaphthylene	14.407	152	16676	0.357	ng/u1	100
11) Acenaphthene	14.749	153	13234	0.368	ng/u1	99
12) Fluorene	15.735	166	14384	0.358	ng/u1	99
14) Pentachlorophenol	17.076	266	3713	0.585	ng/u1#	73
15) Phenanthrene	17.472	178	24056	0.368	ng/u1	100
16) Anthracene	17.565	178	19896	0.347	ng/u1	99
19) Fluoranthene	19.483	202	24893	0.384	ng/u1	97
20) Pyrene	19.845	202	24926	0.379	ng/u1	97
21) Benzo(a)anthracene	21.603	228	18452	0.347	ng/u1	99
22) Chrysene	21.659	228	21078	0.375	ng/u1	99
24) Benzo(b)fluoranthene	23.363	252	18629	0.388	ng/u1	98
25) Benzo(k)fluoranthene	23.419	252	18674	0.375	ng/u1	97
26) Benzo(a)pyrene	24.021	252	14795	0.358	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.777	276	15822	0.340	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.804	278	11531	0.326	ng/u1	99
29) Benzo(g,h,i)perylene	27.592	276	14503	0.359	ng/u1	99

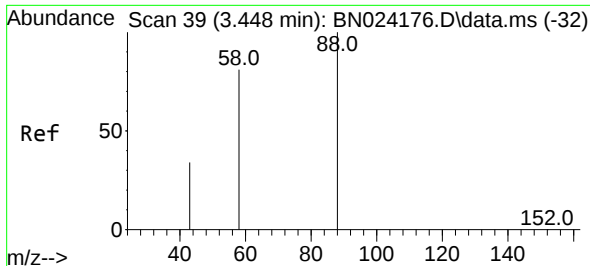
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024192.D
Acq On : 09 Mar 2023 06:17
Operator : CG/JU
Sample : PB151200BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS200

Quant Time: Mar 09 06:50:26 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 03:48:21 2023
Response via : Initial Calibration

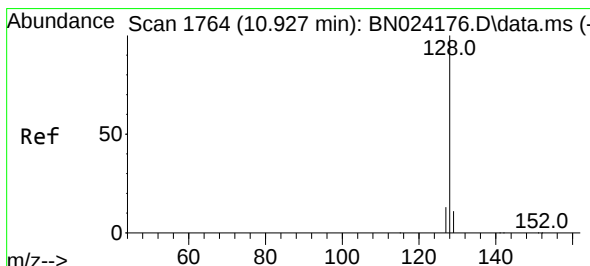
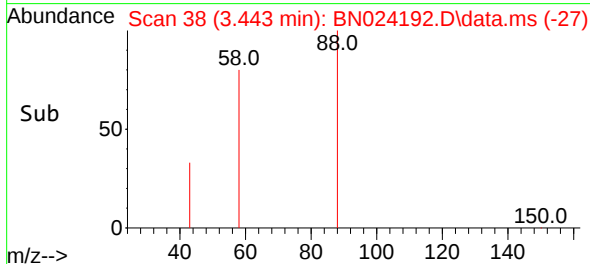
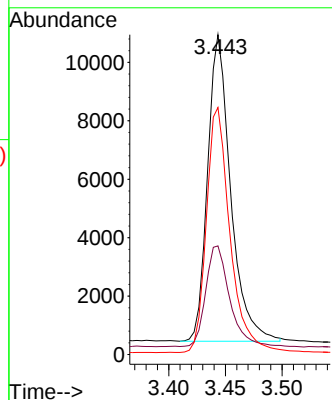
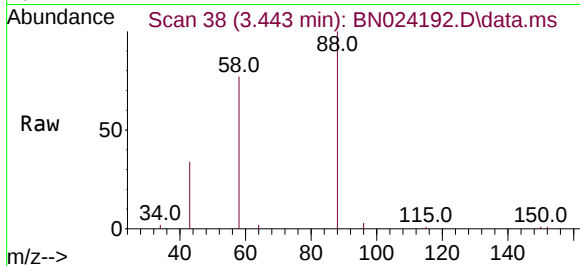




#2
1,4-Dioxane
Concen: 1.628 ng/ul
RT: 3.443 min Scan# 38
Delta R.T. -0.004 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

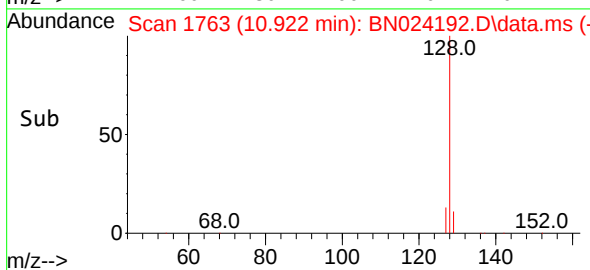
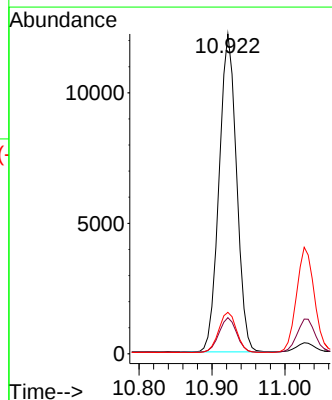
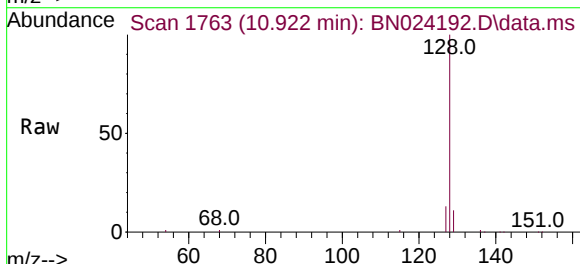
Instrument :
BNA_N
ClientSampleId :
SLCS200

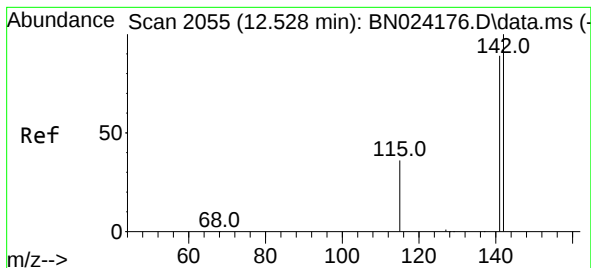
Tgt Ion: 88 Resp: 14863
Ion Ratio Lower Upper
88 100
43 34.0 32.1 48.1
58 77.2 55.1 82.7



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

Tgt Ion: 128 Resp: 20141
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.0 10.5 15.7

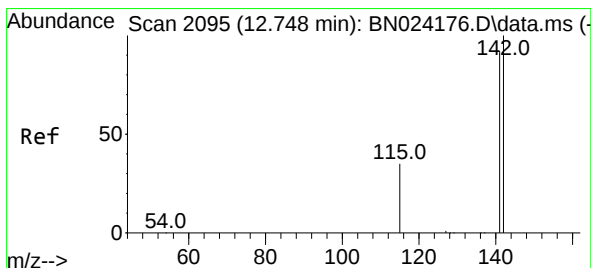
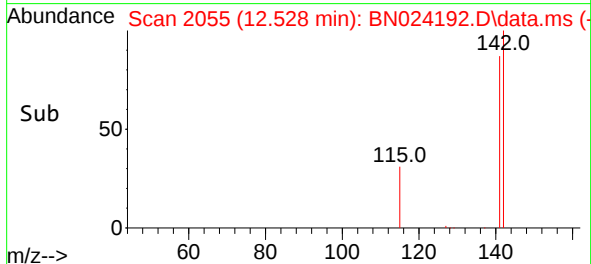
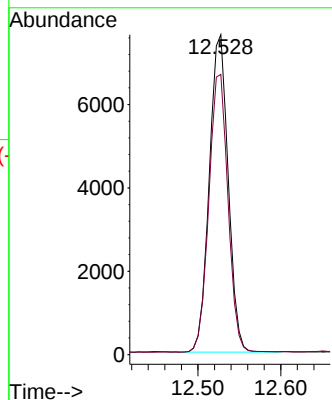
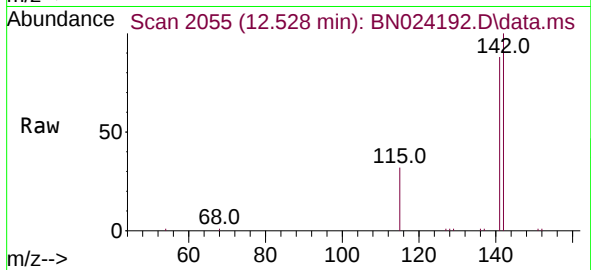




#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

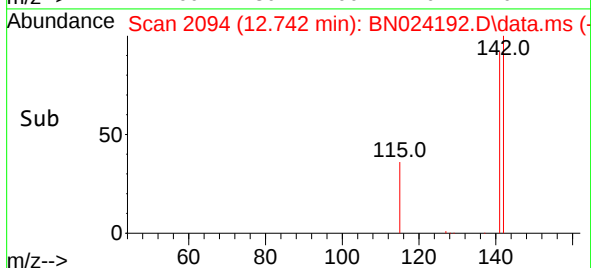
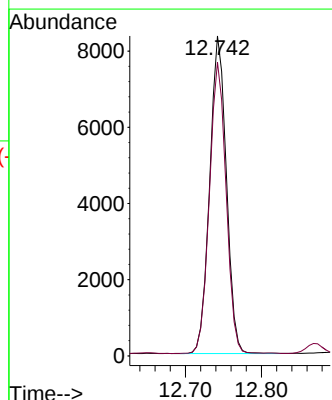
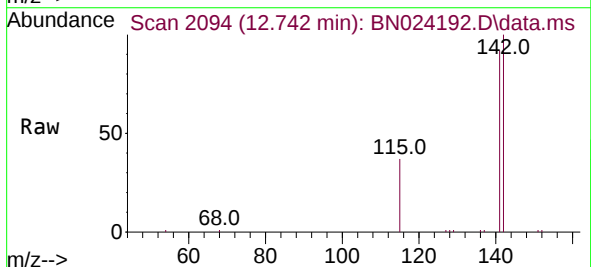
Instrument :
BNA_N
ClientSampleId :
SLCS200

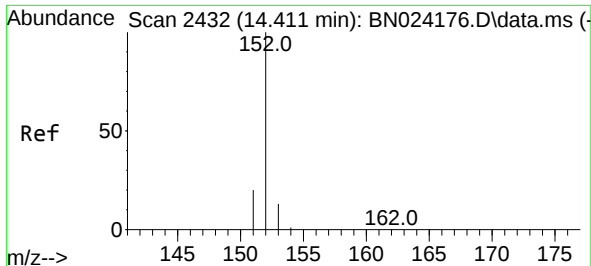
Tgt Ion:142 Resp: 12070
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

Tgt Ion:142 Resp: 12730
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.6

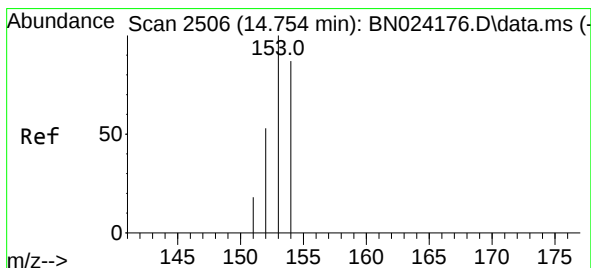
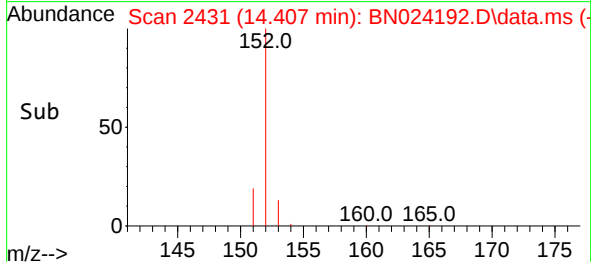
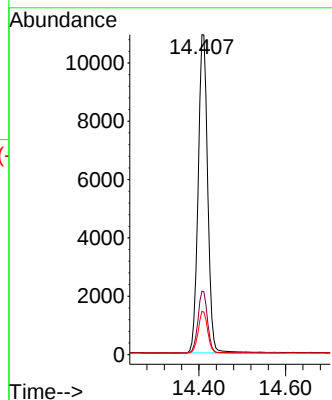
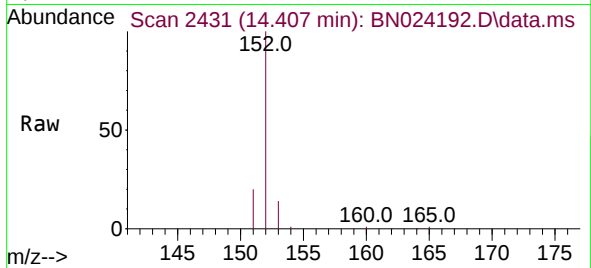




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.407 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

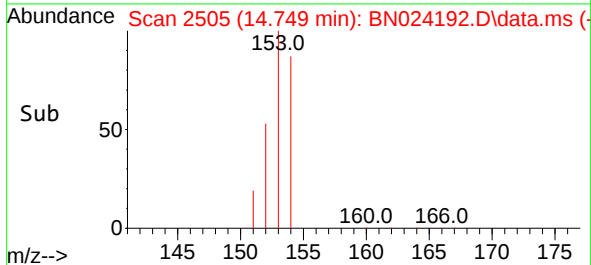
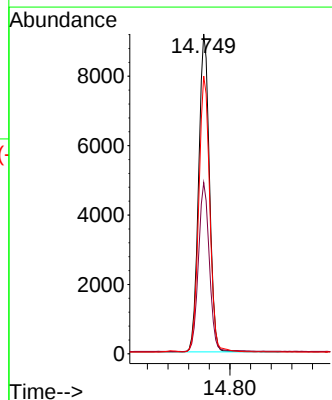
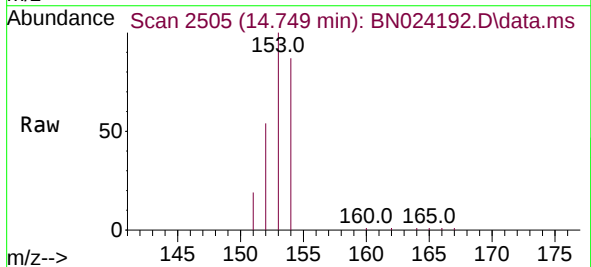
Instrument :
BNA_N
ClientSampleId :
SLCS200

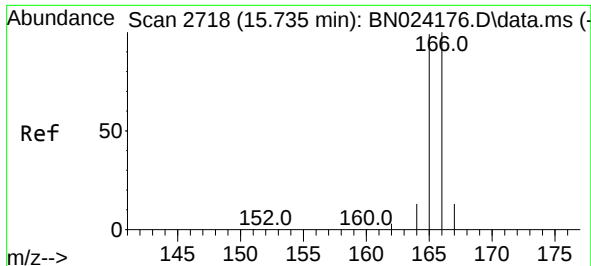
Tgt Ion:152	Resp:	16676
Ion Ratio	Lower	Upper
152	100	
151	19.8	15.9 23.9
153	13.5	10.6 16.0



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

Tgt Ion:153	Resp:	13234
Ion Ratio	Lower	Upper
153	100	
152	53.5	42.6 64.0
154	86.8	70.6 105.8

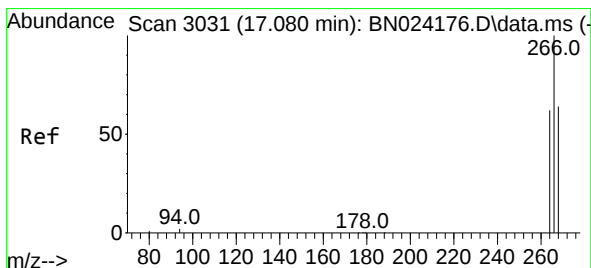
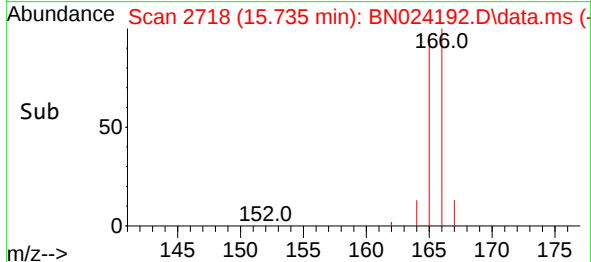
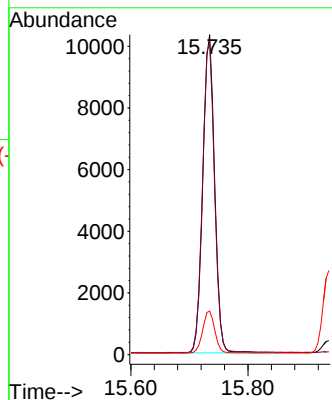
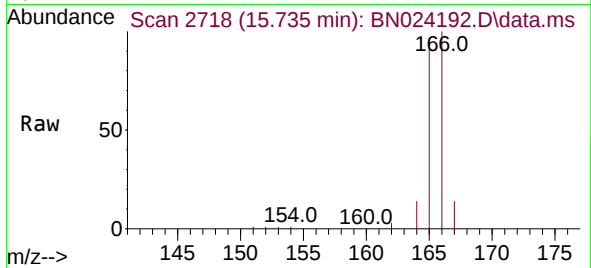




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.735 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

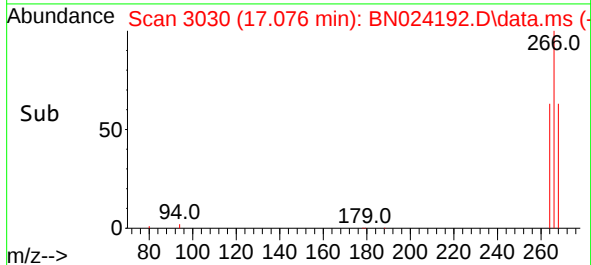
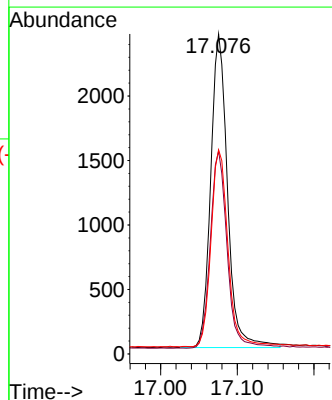
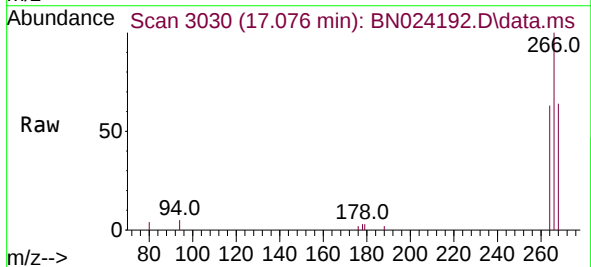
Instrument :
BNA_N
ClientSampleId :
SLCS200

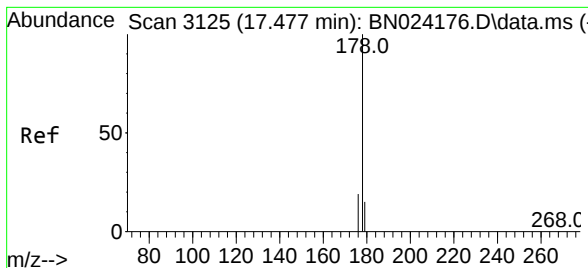
Tgt Ion:166 Resp: 14384
Ion Ratio Lower Upper
166 100
165 97.4 77.4 116.0
167 13.6 10.9 16.3



#14
Pentachlorophenol
Concen: 0.585 ng/ul
RT: 17.076 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

Tgt Ion:266 Resp: 3713
Ion Ratio Lower Upper
266 100
264 62.9 0.0 0.0#
268 63.7 0.1 0.1#





#15

Phenanthrene

Concen: 0.368 ng/ul

RT: 17.472 min Scan# 3125

Delta R.T. -0.004 min

Lab File: BN024192.D

Acq: 09 Mar 2023 06:17

Instrument :

BNA_N

ClientSampleId :

SLCS200

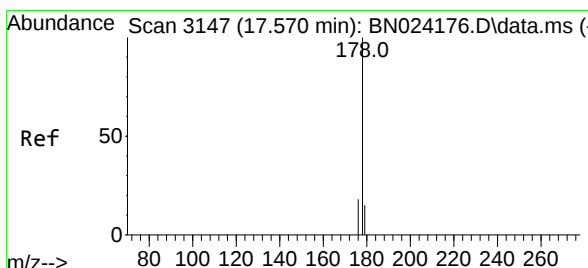
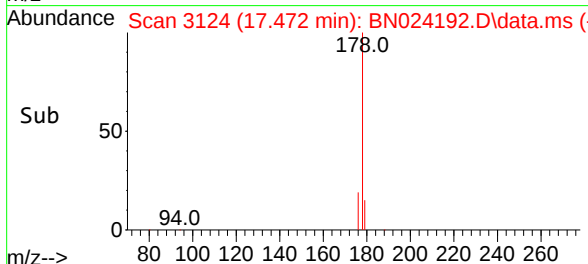
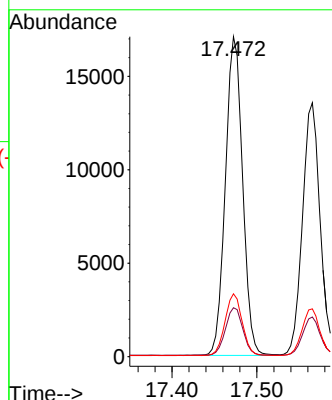
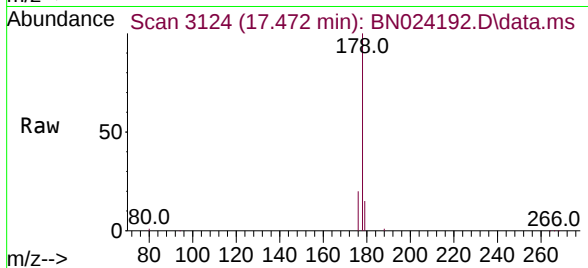
Tgt Ion:178 Resp: 24056

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.6 15.7 23.5



#16

Anthracene

Concen: 0.347 ng/ul

RT: 17.565 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BN024192.D

Acq: 09 Mar 2023 06:17

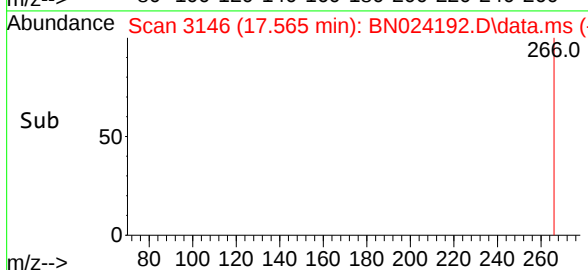
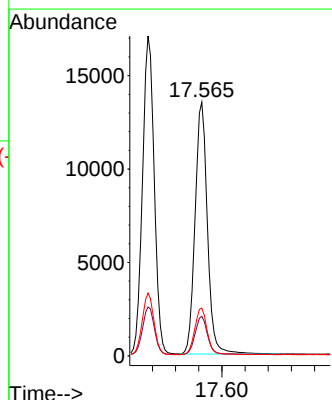
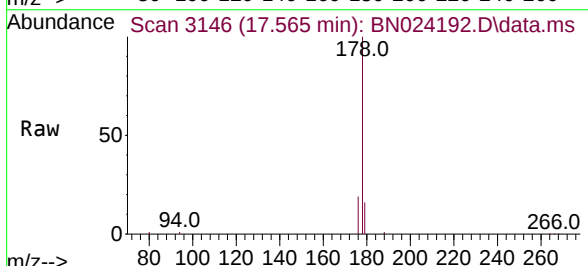
Tgt Ion:178 Resp: 19896

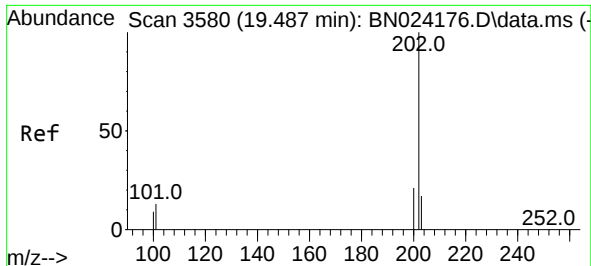
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.8 15.3 22.9

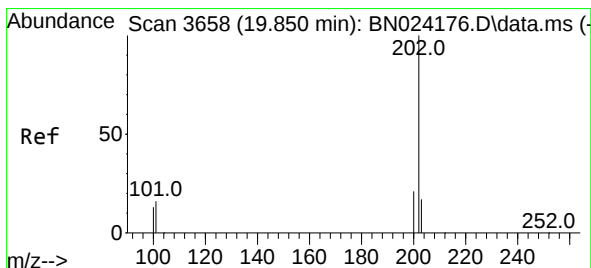
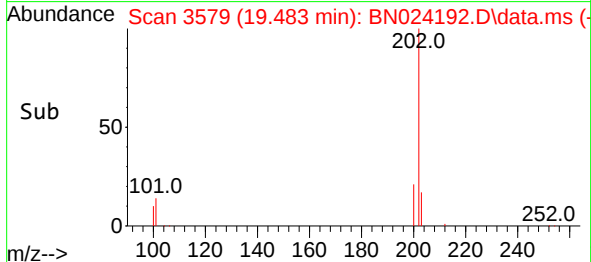
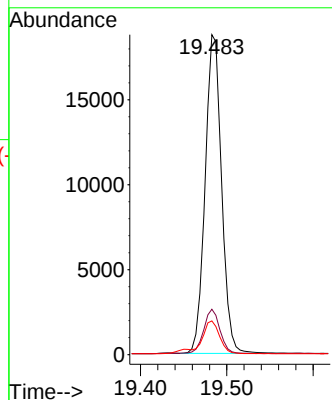
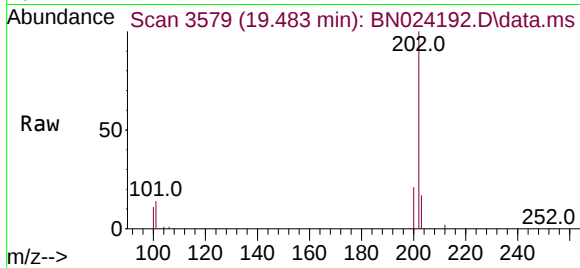




#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. -0.005 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

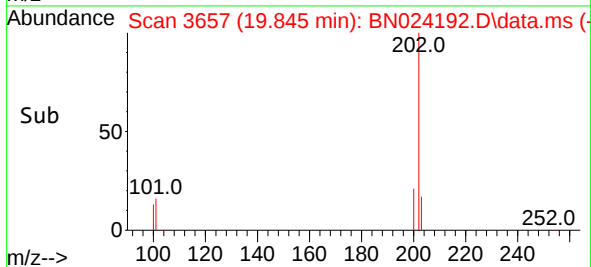
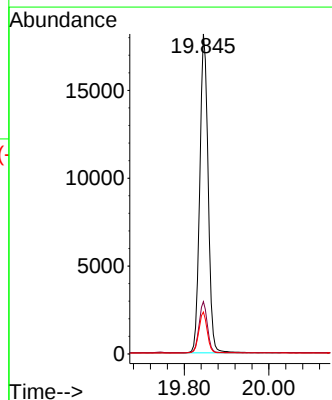
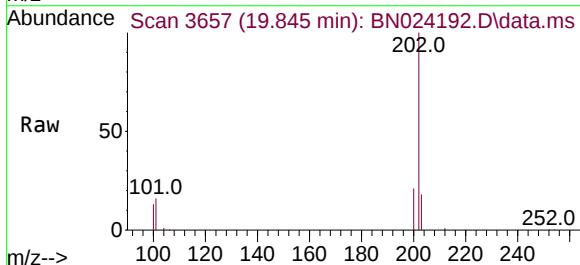
Instrument :
BNA_N
ClientSampleId :
SLCS200

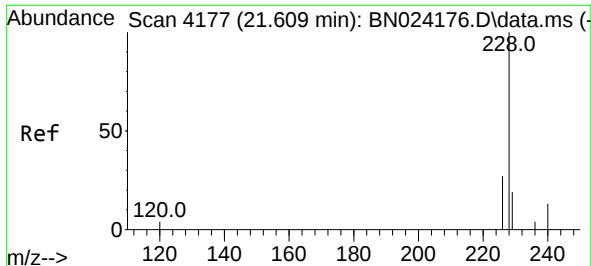
Tgt Ion:202 Resp: 24893
Ion Ratio Lower Upper
202 100
101 14.2 10.4 15.6
100 10.5 7.7 11.5



#20
Pyrene
Concen: 0.379 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

Tgt Ion:202 Resp: 24926
Ion Ratio Lower Upper
202 100
101 16.3 12.1 18.1
100 13.1 9.4 14.0

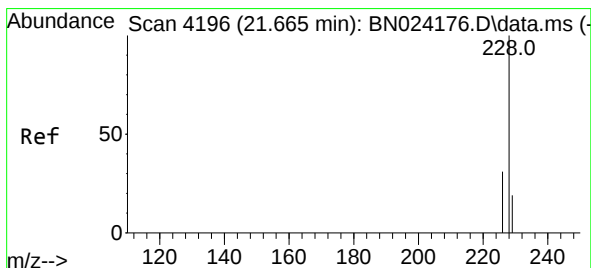
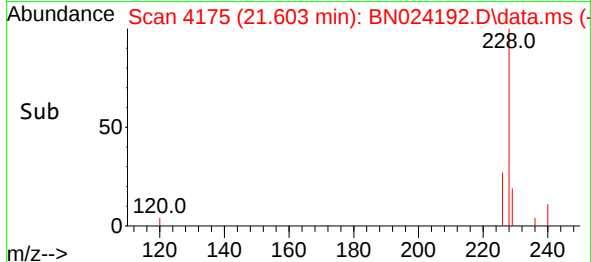
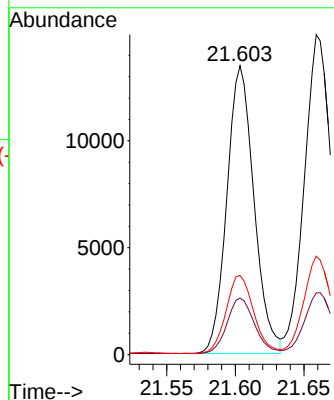
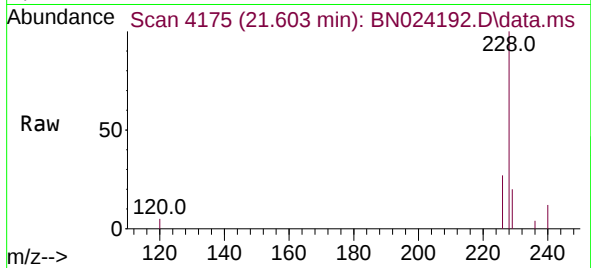




#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.603 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

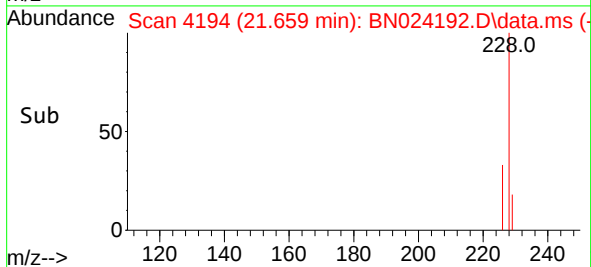
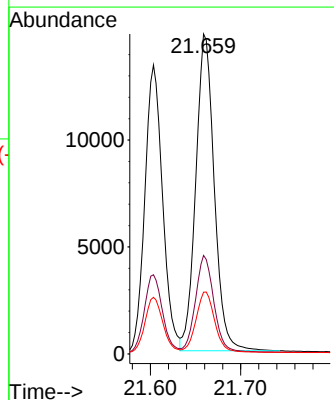
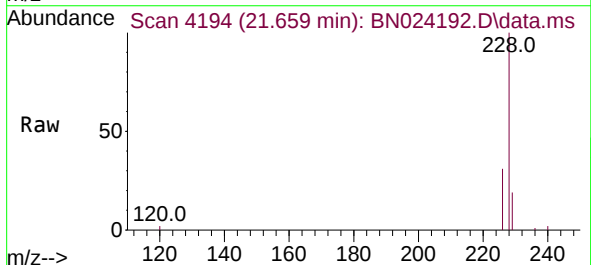
Instrument :
BNA_N
ClientSampleId :
SLCS200

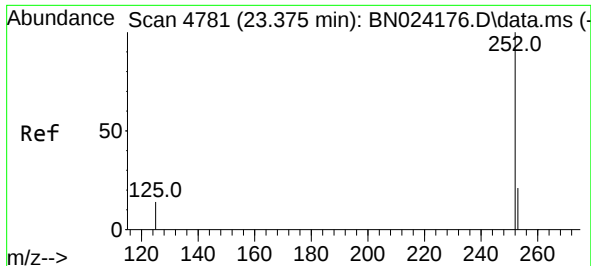
Tgt Ion:228 Resp: 18452
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 27.4 22.2 33.4



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.659 min Scan# 4194
Delta R.T. -0.006 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

Tgt Ion:228 Resp: 21078
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.3 15.8 23.6

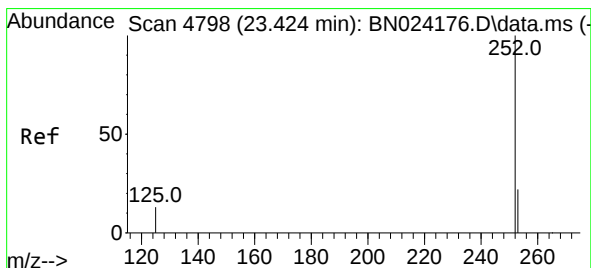
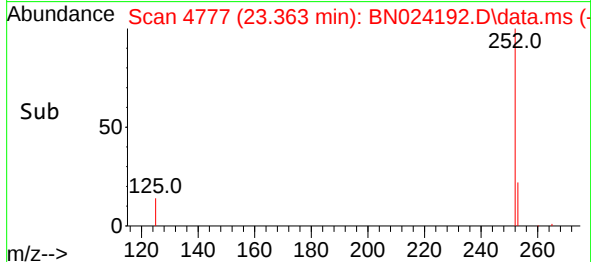
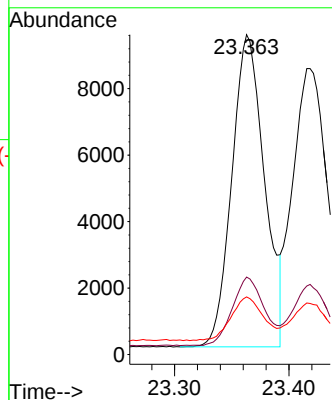
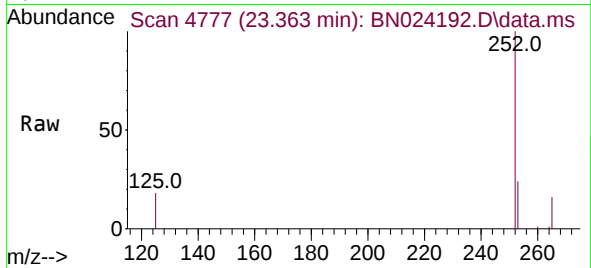




#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul
RT: 23.363 min Scan# 4777
Delta R.T. -0.012 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

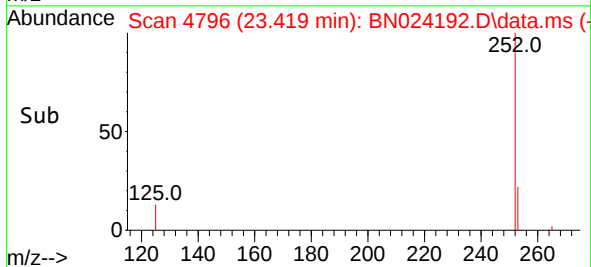
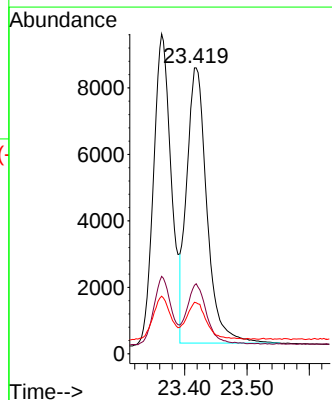
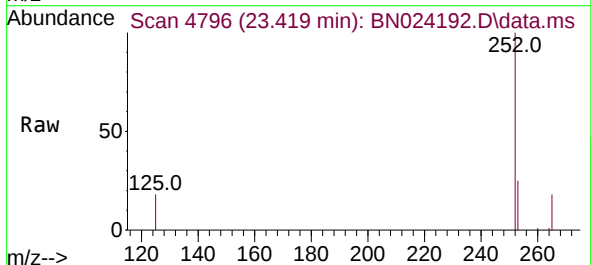
Instrument :
BNA_N
ClientSampleId :
SLCS200

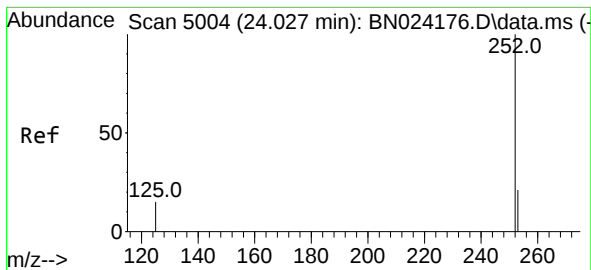
Tgt Ion:252 Resp: 18629
Ion Ratio Lower Upper
252 100
253 24.2 0.0 46.2
125 18.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 23.419 min Scan# 4796
Delta R.T. -0.006 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

Tgt Ion:252 Resp: 18674
Ion Ratio Lower Upper
252 100
253 24.5 18.5 27.7
125 17.9 13.2 19.8

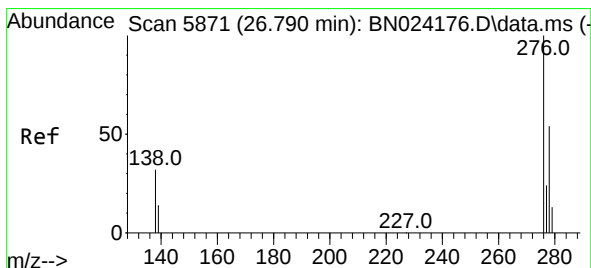
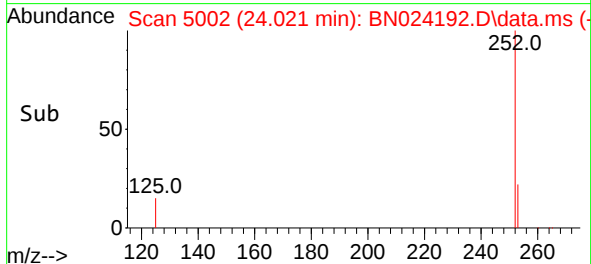
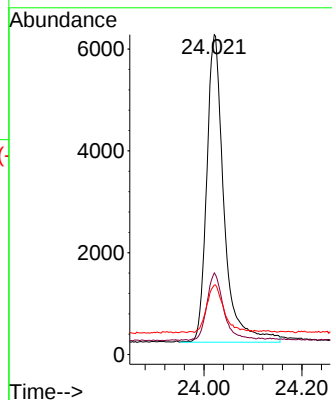
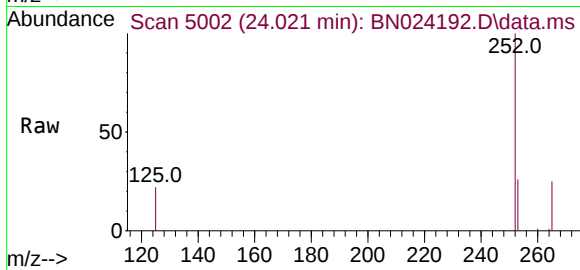




#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 24.021 min Scan# 5002
Delta R.T. -0.006 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

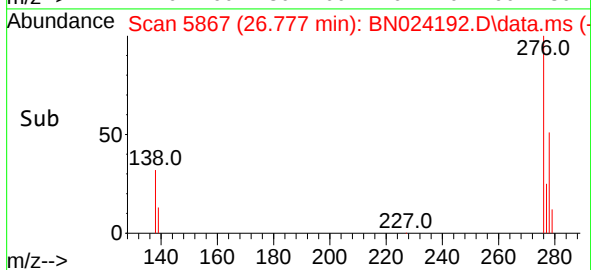
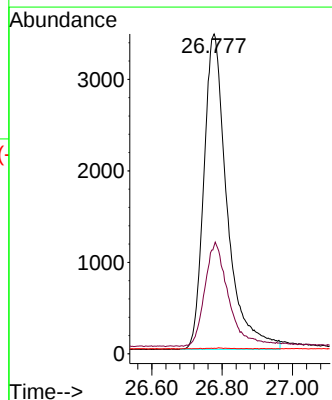
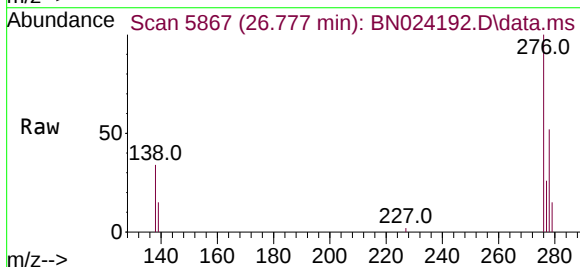
Instrument :
BNA_N
ClientSampleId :
SLCS200

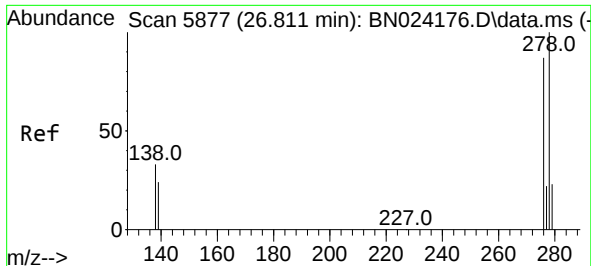
Tgt Ion:	252	Resp:	14795
Ion Ratio	Lower	Upper	
252	100		
253	25.5	19.2	28.8
125	21.7	15.8	23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng/ul
RT: 26.777 min Scan# 5867
Delta R.T. -0.013 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

Tgt Ion:	276	Resp:	15822
Ion Ratio	Lower	Upper	
276	100		
138	33.9	0.0	0.0#
227	0.0	0.0	0.0#

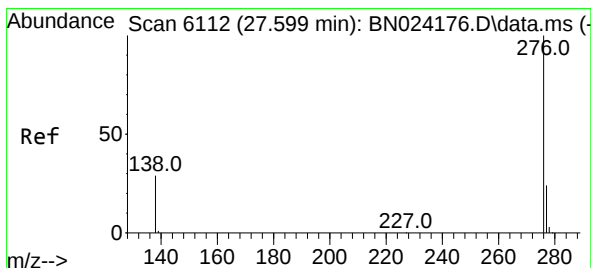
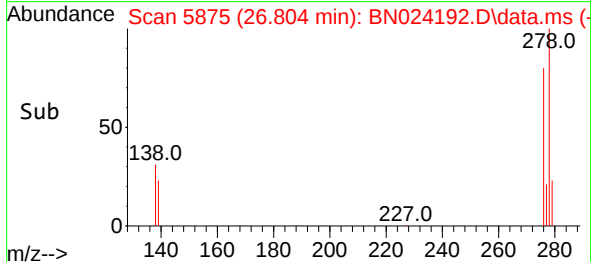
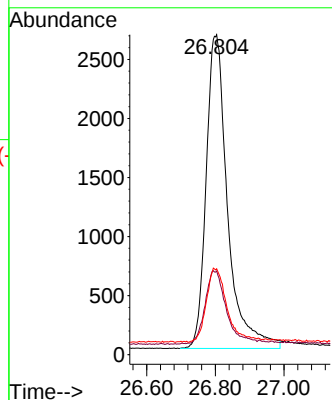
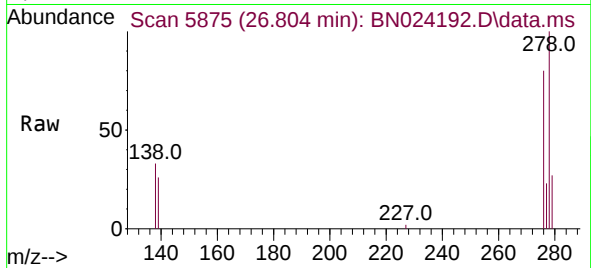




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.804 min Scan# 5877
Delta R.T. -0.007 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

Instrument :
BNA_N
ClientSampleId :
SLCS200

Tgt Ion:278 Resp: 11531
Ion Ratio Lower Upper
278 100
139 26.1 21.0 31.6
279 26.8 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 27.592 min Scan# 6110
Delta R.T. -0.007 min
Lab File: BN024192.D
Acq: 09 Mar 2023 06:17

Tgt Ion:276 Resp: 14503
Ion Ratio Lower Upper
276 100
138 31.0 25.2 37.8
277 24.2 19.4 29.2

