

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024191.D
 Acq On : 09 Mar 2023 05:40
 Operator : CG/JU
 Sample : PB151198BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS198

Quant Time: Mar 09 06:22:01 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)

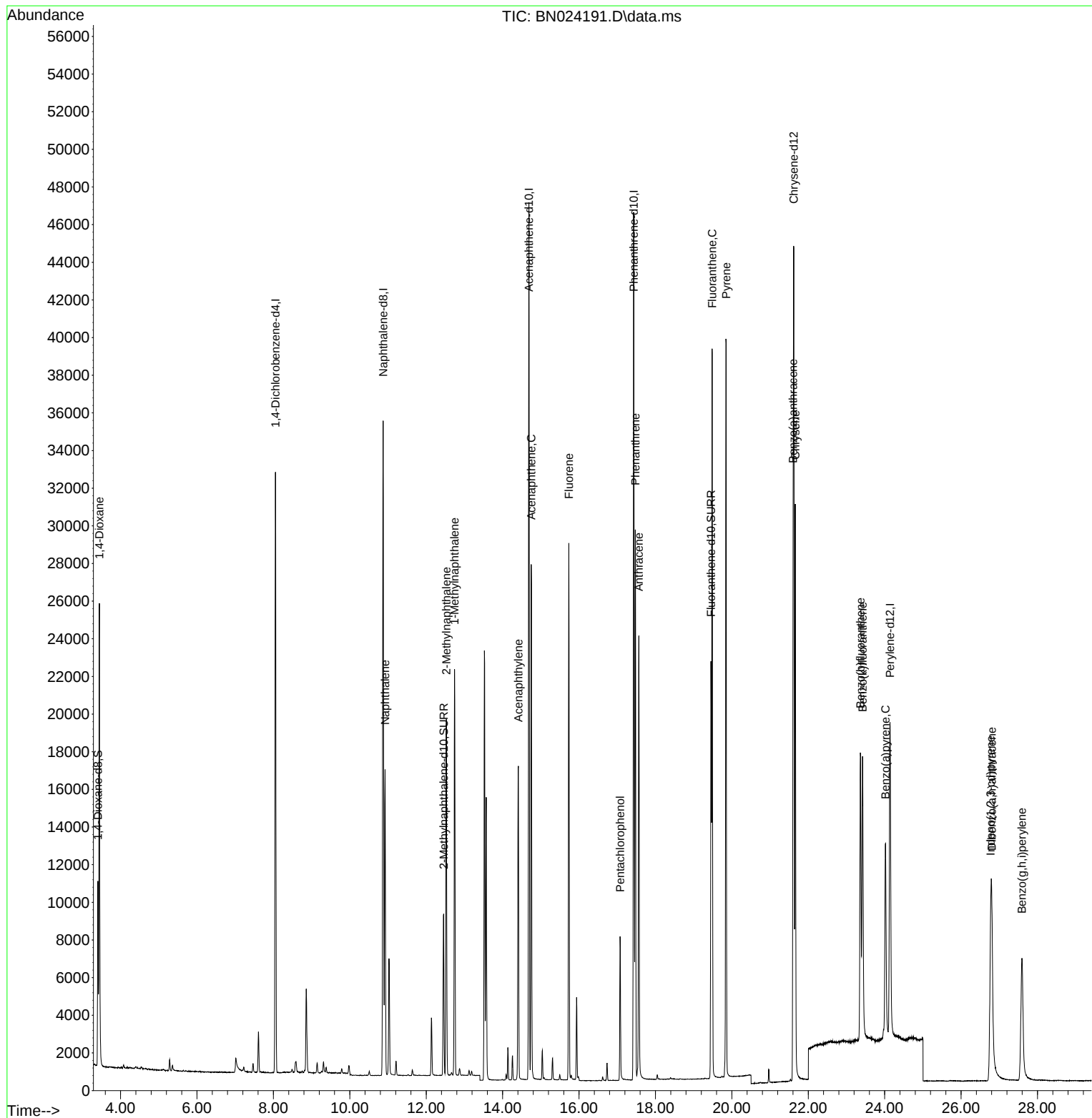
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	15844	0.400	ng/u1	0.00
4) Naphthalene-d8	10.872	136	45712	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.689	164	24502	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.434	188	51210	0.400	ng/u1	0.00
17) Chrysene-d12	21.621	240	36496	0.400	ng/u1	0.00
23) Perylene-d12	24.141	264	27593	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	6006	0.344	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.456	152	10927	0.201	ng/u1	0.00
18) Fluoranthene-d10	19.455	212	22192	0.229	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	15821	0.834	ng/u1	89
5) Naphthalene	10.922	128	21861	0.192	ng/u1	100
7) 2-Methylnaphthalene	12.527	142	13459	0.194	ng/u1	100
8) 1-Methylnaphthalene	12.742	142	14488	0.199	ng/u1	100
10) Acenaphthylene	14.411	152	19294	0.189	ng/u1	99
11) Acenaphthene	14.749	153	15413	0.196	ng/u1	99
12) Fluorene	15.734	166	17192	0.195	ng/u1	98
14) Pentachlorophenol	17.075	266	4983	0.350	ng/u1#	73
15) Phenanthrene	17.472	178	30460	0.208	ng/u1	100
16) Anthracene	17.565	178	25631	0.199	ng/u1	100
19) Fluoranthene	19.487	202	32379	0.223	ng/u1	100
20) Pyrene	19.850	202	32673	0.222	ng/u1	99
21) Benzo(a)anthracene	21.603	228	25401	0.213	ng/u1	99
22) Chrysene	21.662	228	28051	0.223	ng/u1	100
24) Benzo(b)fluoranthene	23.366	252	24061	0.228	ng/u1	99
25) Benzo(k)fluoranthene	23.421	252	24184	0.221	ng/u1	99
26) Benzo(a)pyrene	24.024	252	18899	0.208	ng/u1	99
27) Indeno(1,2,3-cd)pyrene	26.777	276	19890	0.195	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.804	278	14774	0.190	ng/u1	98
29) Benzo(g,h,i)perylene	27.592	276	17809	0.201	ng/u1	99

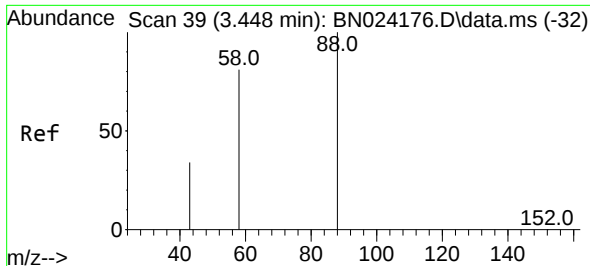
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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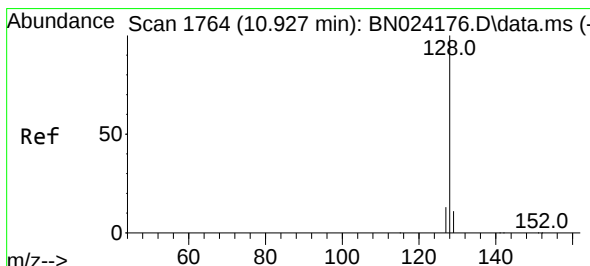
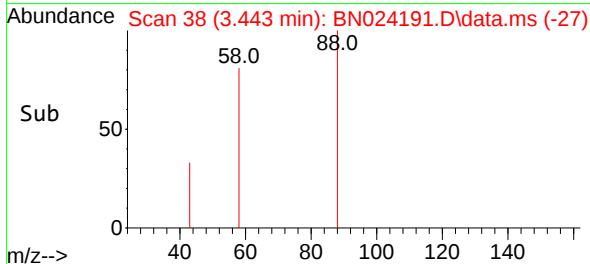
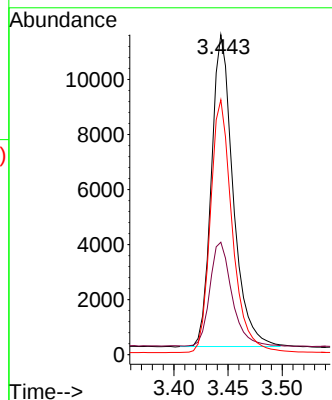
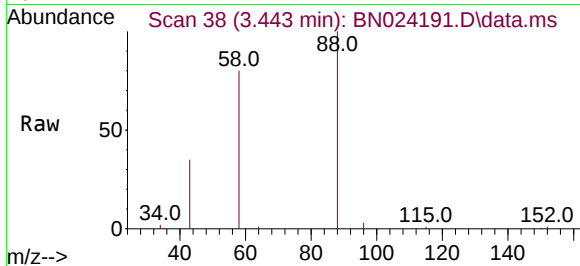




#2
1,4-Dioxane
Concen: 0.834 ng/ul
RT: 3.443 min Scan# 38
Delta R.T. -0.004 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

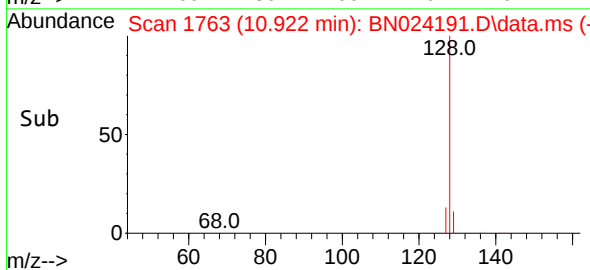
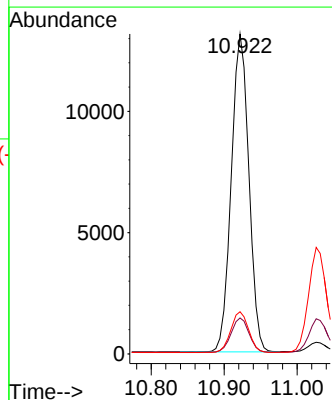
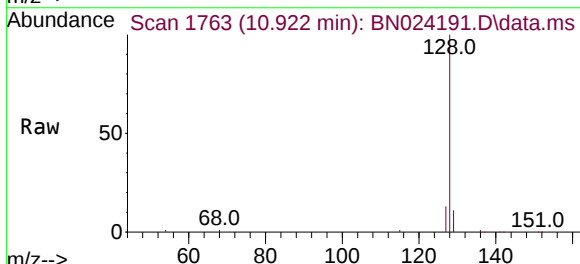
Instrument :
BNA_N
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SLCS198

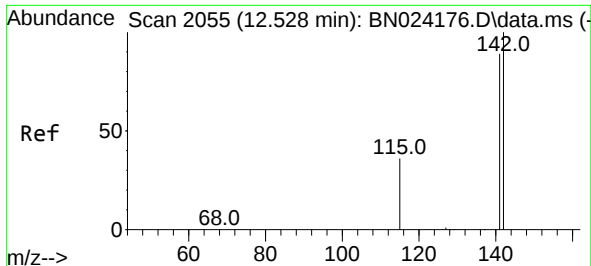
Tgt Ion: 88 Resp: 15821
Ion Ratio Lower Upper
88 100
43 35.1 32.1 48.1
58 79.7 55.1 82.7



#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

Tgt Ion: 128 Resp: 21861
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.5 15.7

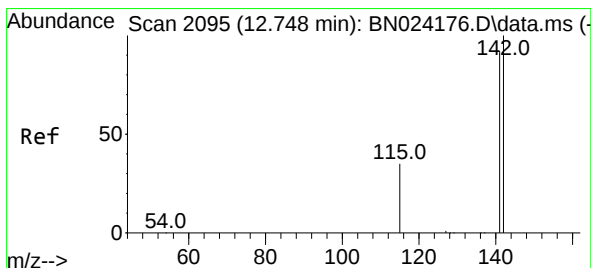
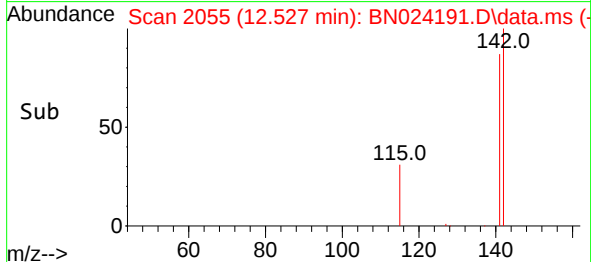
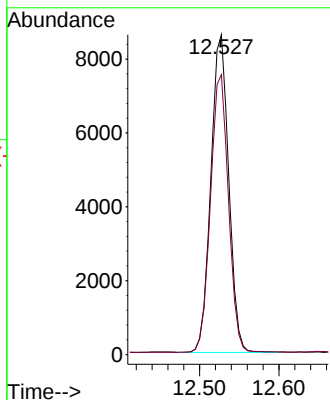
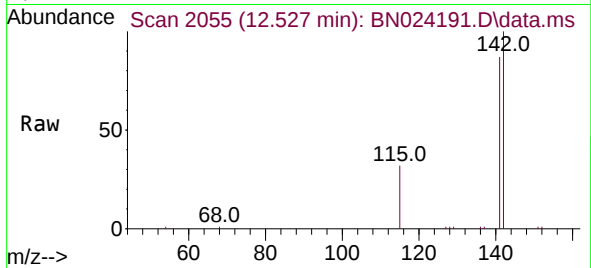




#7
2-Methylnaphthalene
Concen: 0.194 ng/ul
RT: 12.527 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

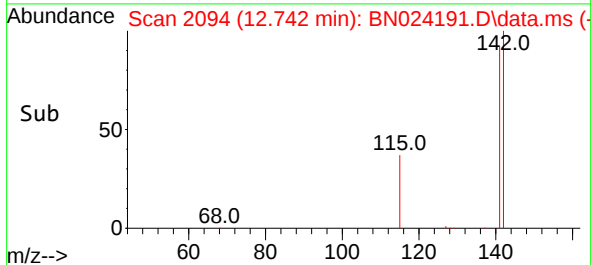
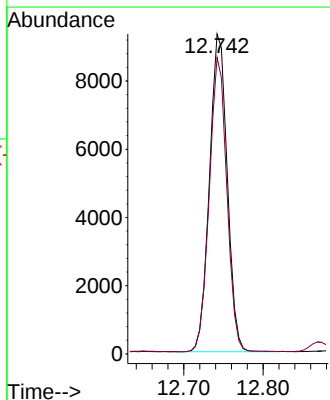
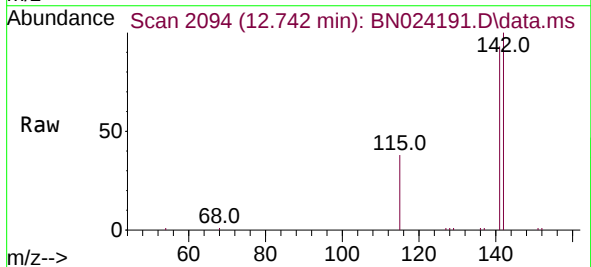
Instrument :
BNA_N
ClientSampleId :
SLCS198

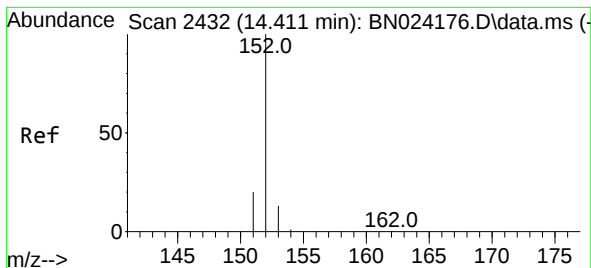
Tgt Ion:142 Resp: 13459
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

Tgt Ion:142 Resp: 14488
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6





#10

Acenaphthylene

Concen: 0.189 ng/ul

RT: 14.411 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BN024191.D

Acq: 09 Mar 2023 05:40

Instrument :

BNA_N

ClientSampleId :

SLCS198

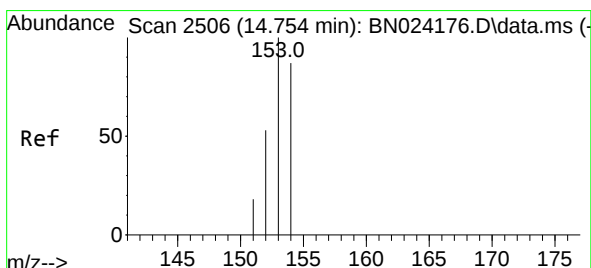
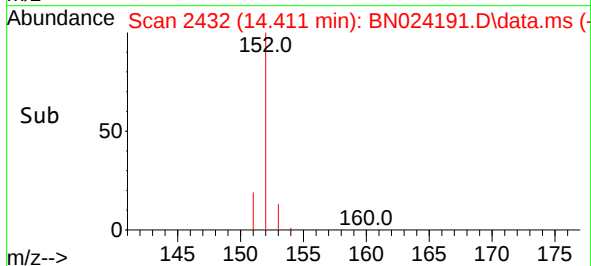
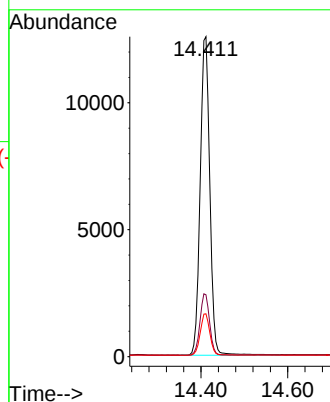
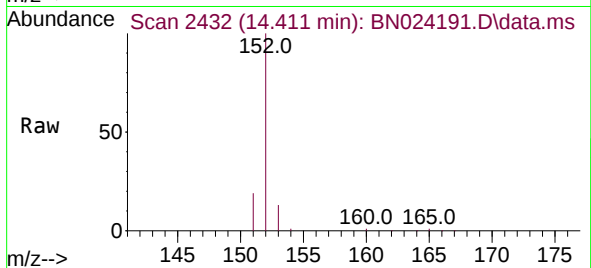
Tgt Ion:152 Resp: 19294

Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

153 13.4 10.6 16.0



#11

Acenaphthene

Concen: 0.196 ng/ul

RT: 14.749 min Scan# 2505

Delta R.T. -0.005 min

Lab File: BN024191.D

Acq: 09 Mar 2023 05:40

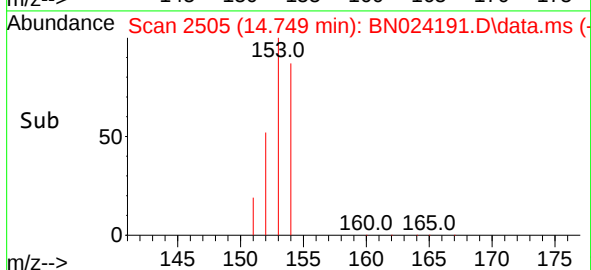
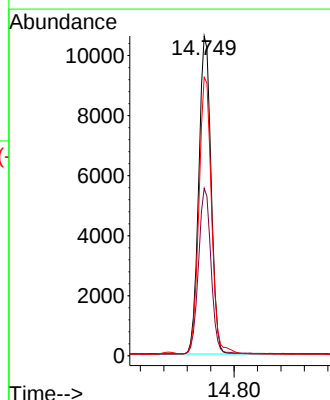
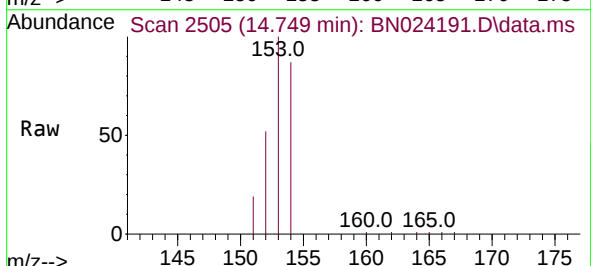
Tgt Ion:153 Resp: 15413

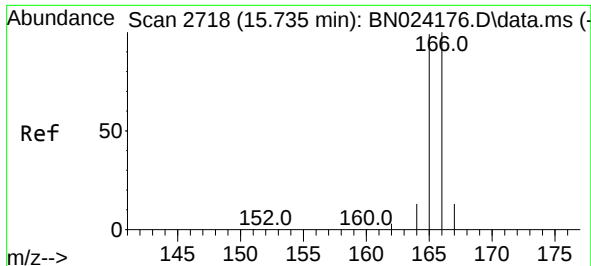
Ion Ratio Lower Upper

153 100

152 52.4 42.6 64.0

154 87.0 70.6 105.8

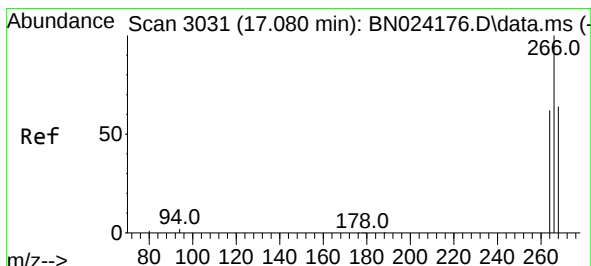
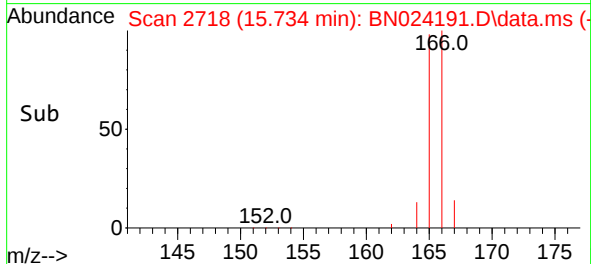
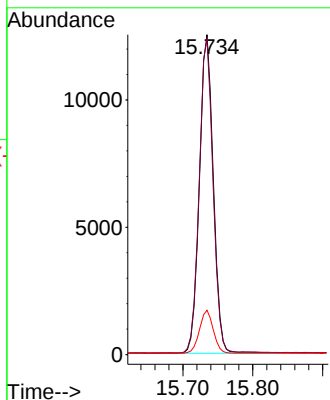
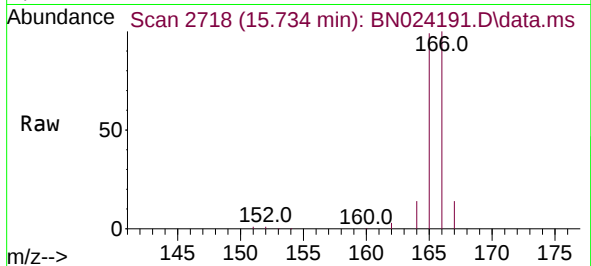




#12
Fluorene
Concen: 0.195 ng/ul
RT: 15.734 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

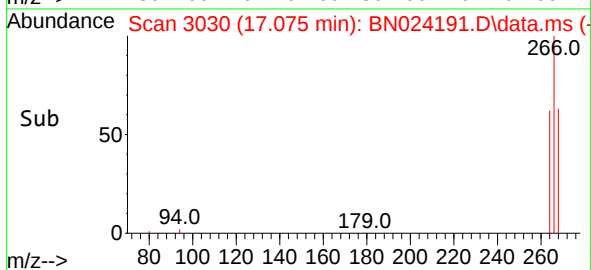
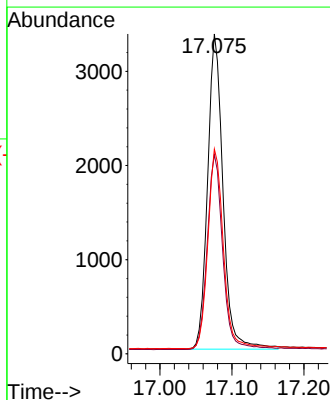
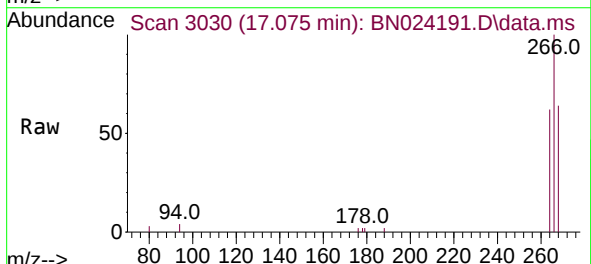
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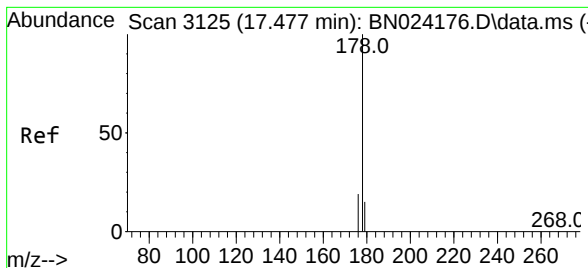
Tgt Ion:166 Resp: 17192
Ion Ratio Lower Upper
166 100
165 98.6 77.4 116.0
167 13.9 10.9 16.3



#14
Pentachlorophenol
Concen: 0.350 ng/ul
RT: 17.075 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

Tgt Ion:266 Resp: 4983
Ion Ratio Lower Upper
266 100
264 62.3 0.0 0.0#
268 64.0 0.1 0.1#





#15

Phenanthrene

Concen: 0.208 ng/ul

RT: 17.472 min Scan# 3125

Delta R.T. -0.004 min

Lab File: BN024191.D

Acq: 09 Mar 2023 05:40

Instrument :

BNA_N

ClientSampleId :

SLCS198

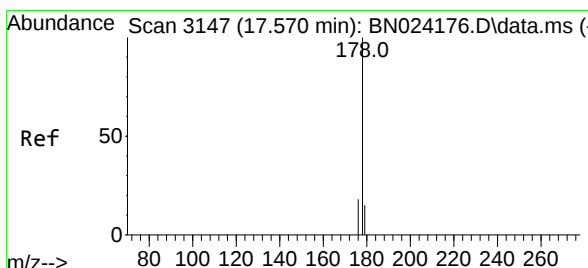
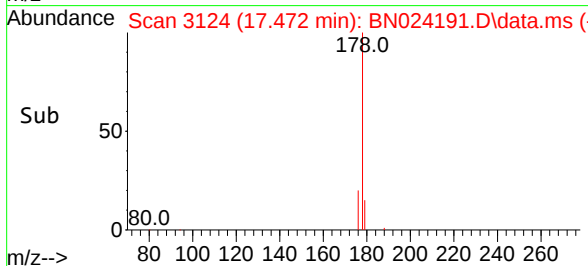
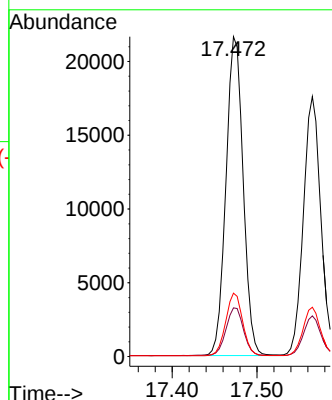
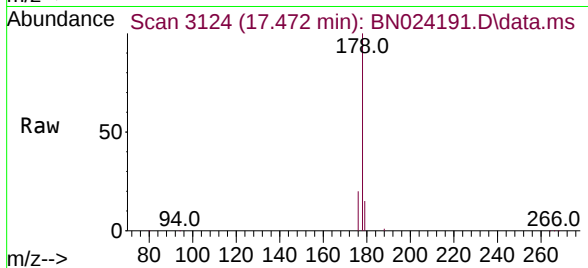
Tgt Ion:178 Resp: 30460

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 19.8 15.7 23.5



#16

Anthracene

Concen: 0.199 ng/ul

RT: 17.565 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BN024191.D

Acq: 09 Mar 2023 05:40

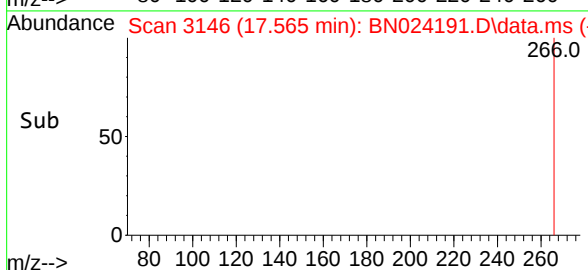
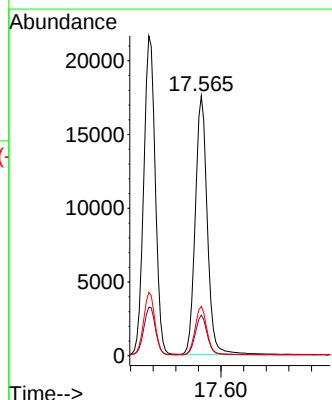
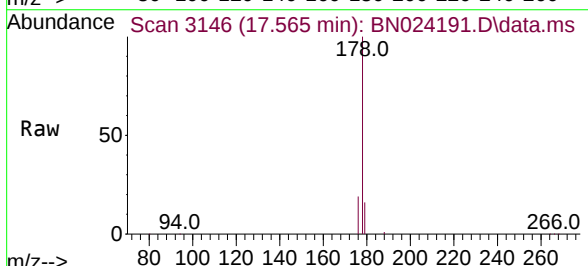
Tgt Ion:178 Resp: 25631

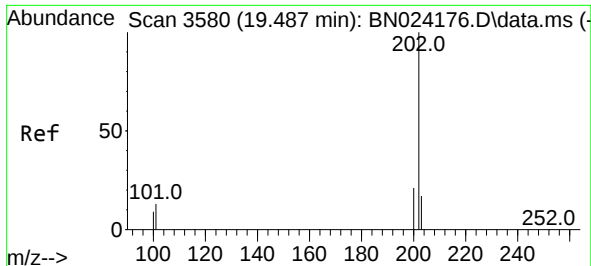
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.0 15.3 22.9

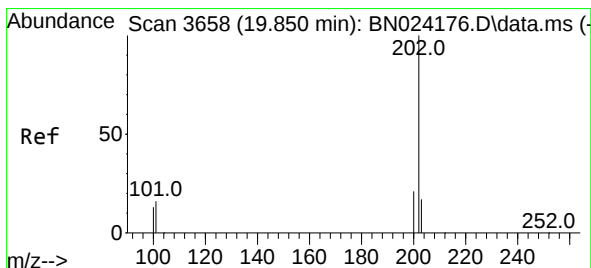
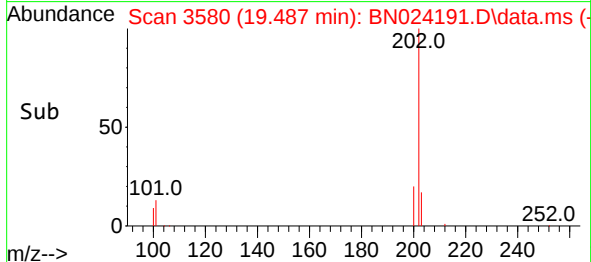
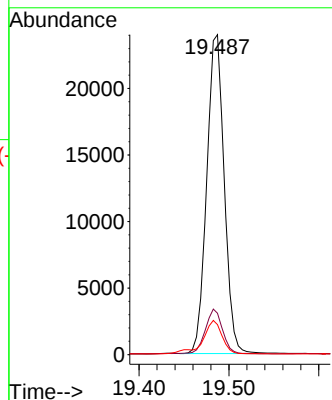
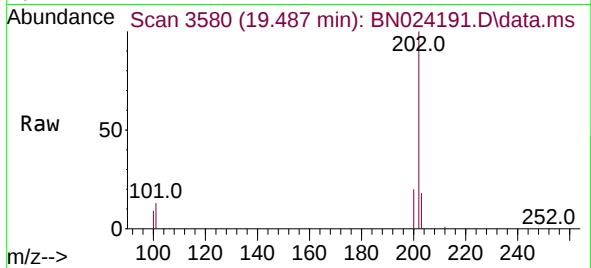




#19
Fluoranthene
Concen: 0.223 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.000 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

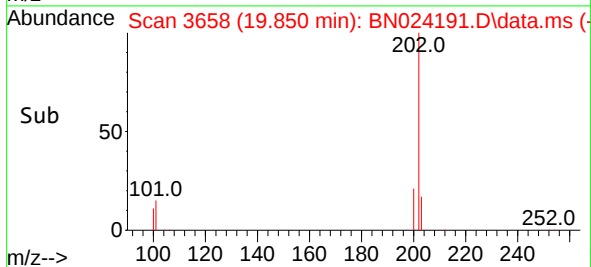
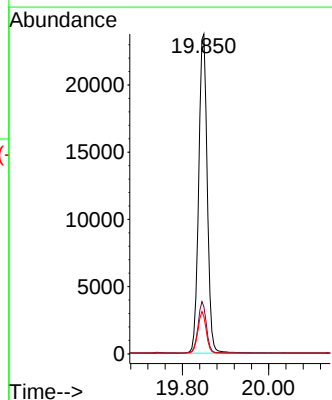
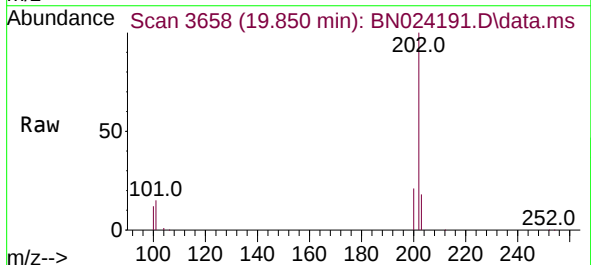
Instrument :
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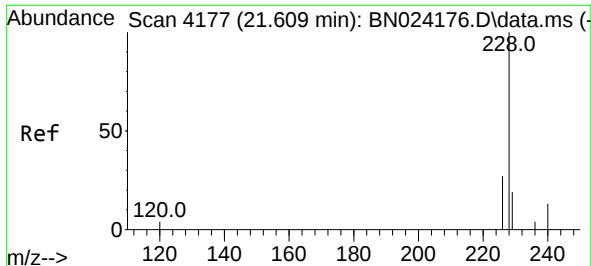
Tgt Ion:202 Resp: 32379
Ion Ratio Lower Upper
202 100
101 12.9 10.4 15.6
100 9.4 7.7 11.5



#20
Pyrene
Concen: 0.222 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

Tgt Ion:202 Resp: 32673
Ion Ratio Lower Upper
202 100
101 14.8 12.1 18.1
100 11.6 9.4 14.0

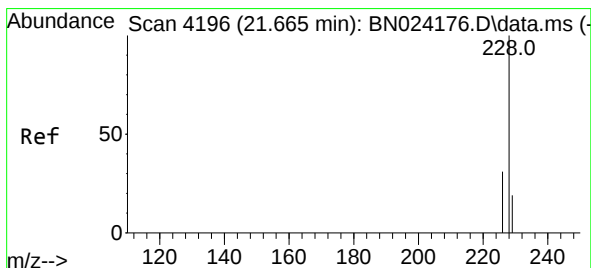
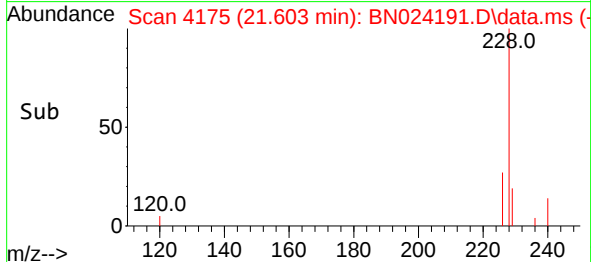
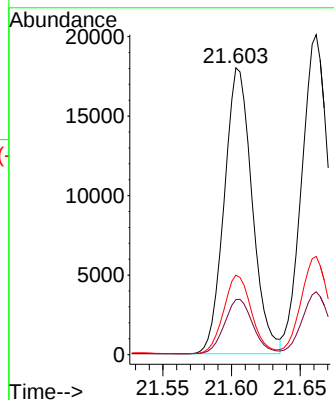
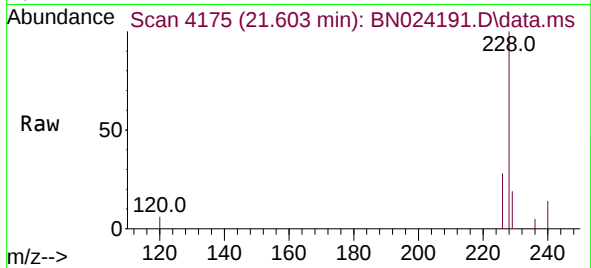




#21
Benzo(a)anthracene
Concen: 0.213 ng/ul
RT: 21.603 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

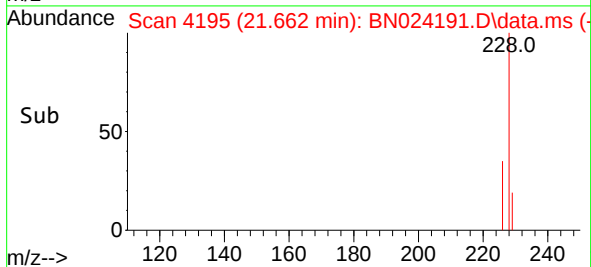
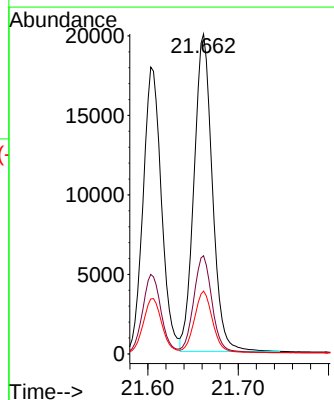
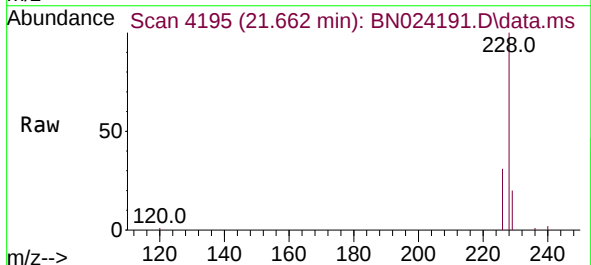
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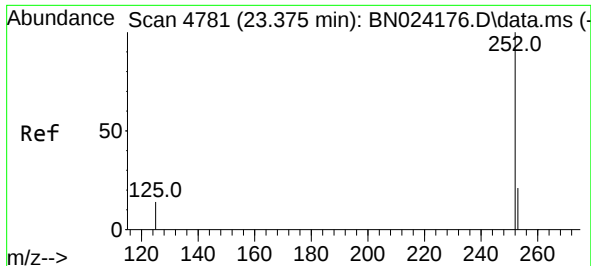
Tgt Ion:228 Resp: 25401
Ion Ratio Lower Upper
228 100
229 19.2 15.8 23.6
226 27.7 22.2 33.4



#22
Chrysene
Concen: 0.223 ng/ul
RT: 21.662 min Scan# 4195
Delta R.T. -0.003 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

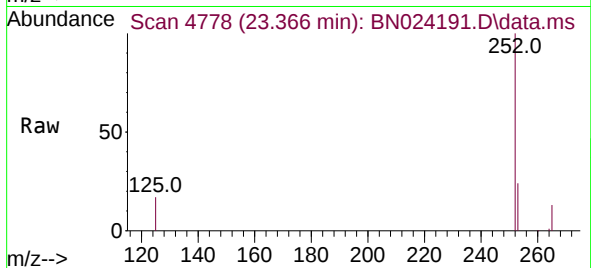
Tgt Ion:228 Resp: 28051
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 19.6 15.8 23.6



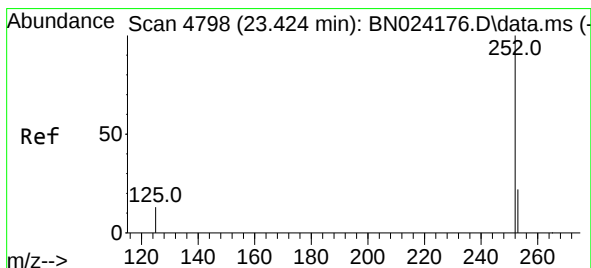
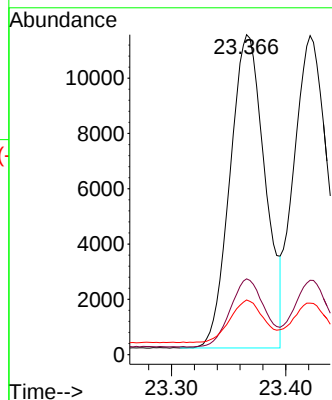


#24
Benzo(b)fluoranthene
Concen: 0.228 ng/ul
RT: 23.366 min Scan# 4778
Delta R.T. -0.009 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

Instrument :
BNA_N
ClientSampleId :
SLCS198

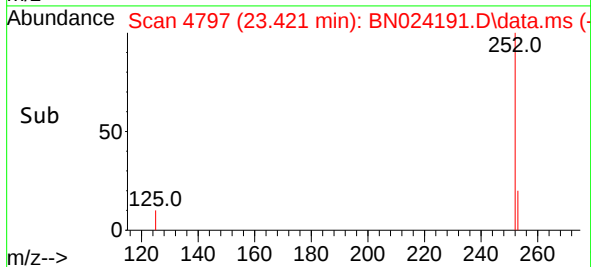
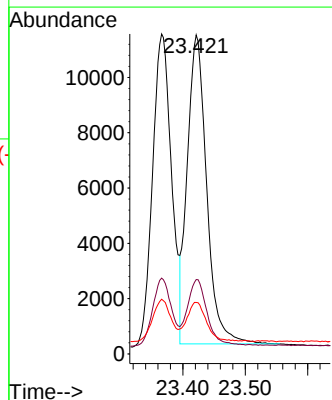
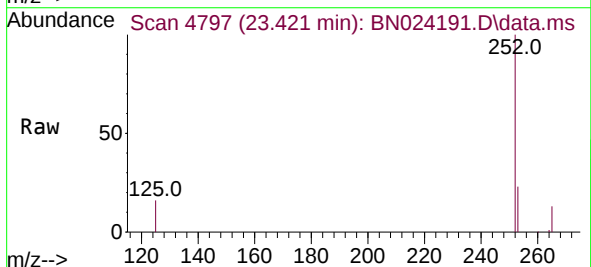


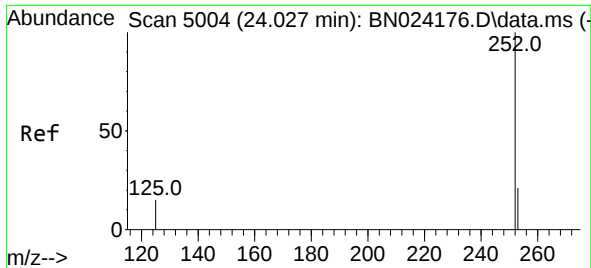
Tgt Ion:252 Resp: 24061
Ion Ratio Lower Upper
252 100
253 23.7 0.0 46.2
125 17.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.221 ng/ul
RT: 23.421 min Scan# 4797
Delta R.T. -0.003 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

Tgt Ion:252 Resp: 24184
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 16.2 13.2 19.8

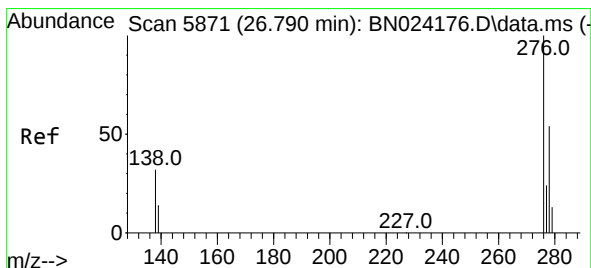
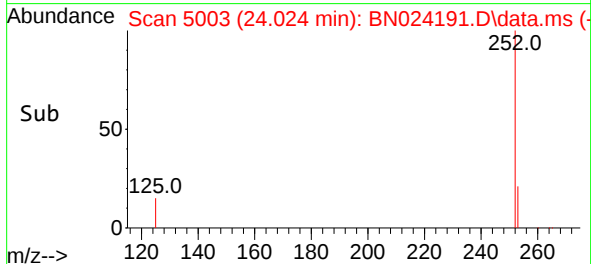
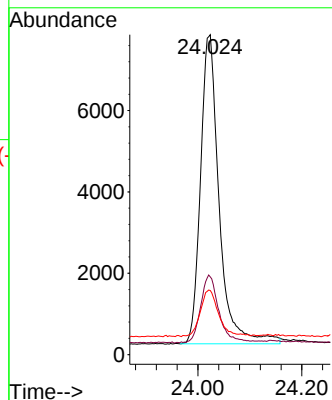
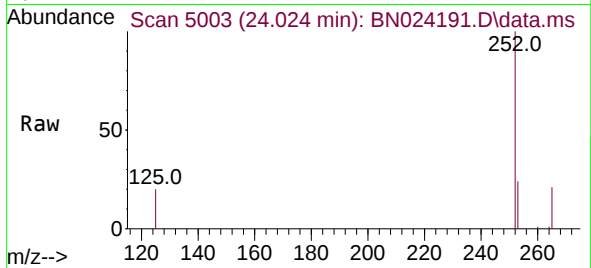




#26
Benzo(a)pyrene
Concen: 0.208 ng/ul
RT: 24.024 min Scan# 5003
Delta R.T. -0.003 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

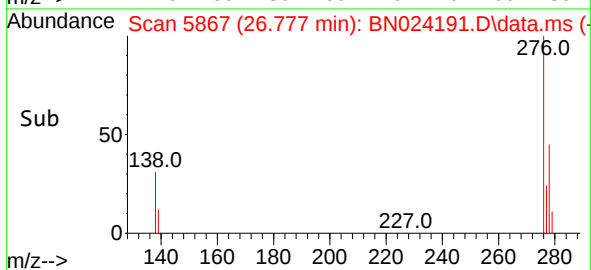
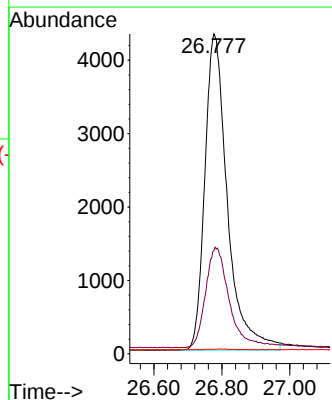
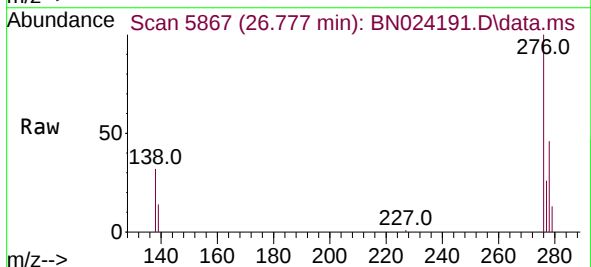
Instrument :
BNA_N
ClientSampleId :
SLCS198

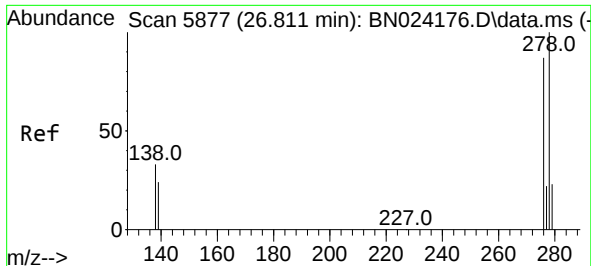
Tgt Ion:	252	Resp:	18899
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.2	28.8
125	20.0	15.8	23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul
RT: 26.777 min Scan# 5867
Delta R.T. -0.014 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

Tgt Ion:	276	Resp:	19890
Ion Ratio	Lower	Upper	
276	100		
138	33.3	0.0	0.0#
227	0.1	0.0	0.0#

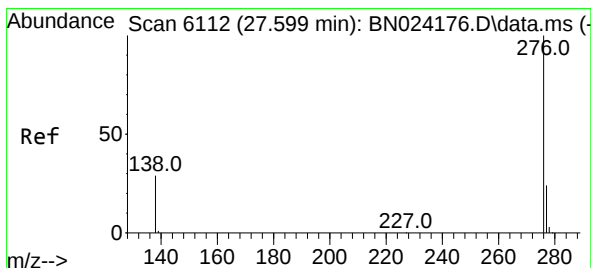
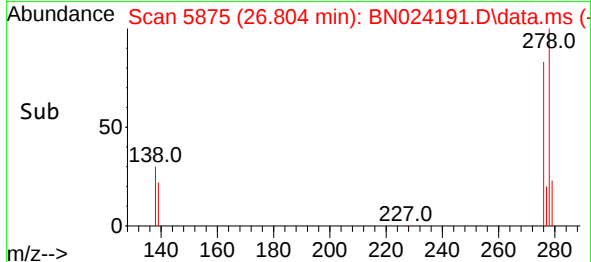
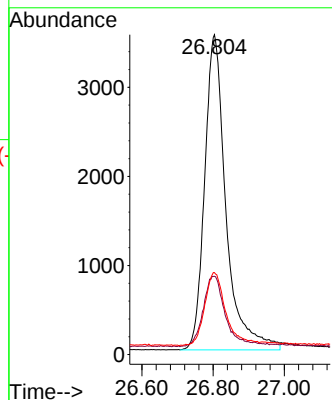
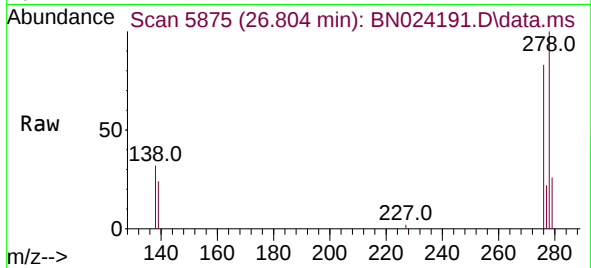




#28
Dibenzo(a,h)anthracene
Concen: 0.190 ng/ul
RT: 26.804 min Scan# 5877
Delta R.T. -0.007 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

Instrument :
BNA_N
ClientSampleId :
SLCS198

Tgt Ion:278 Resp: 14774
Ion Ratio Lower Upper
278 100
139 24.5 21.0 31.6
279 25.6 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 27.592 min Scan# 6110
Delta R.T. -0.007 min
Lab File: BN024191.D
Acq: 09 Mar 2023 05:40

Tgt Ion:276 Resp: 17809
Ion Ratio Lower Upper
276 100
138 30.7 25.2 37.8
277 24.5 19.4 29.2

