

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023159.D
 Acq On : 13 Dec 2022 11:35
 Operator : CG/JU
 Sample : PB149494BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS494

Quant Time: Dec 13 23:58:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 23:52:47 2022
 Response via : Initial Calibration

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

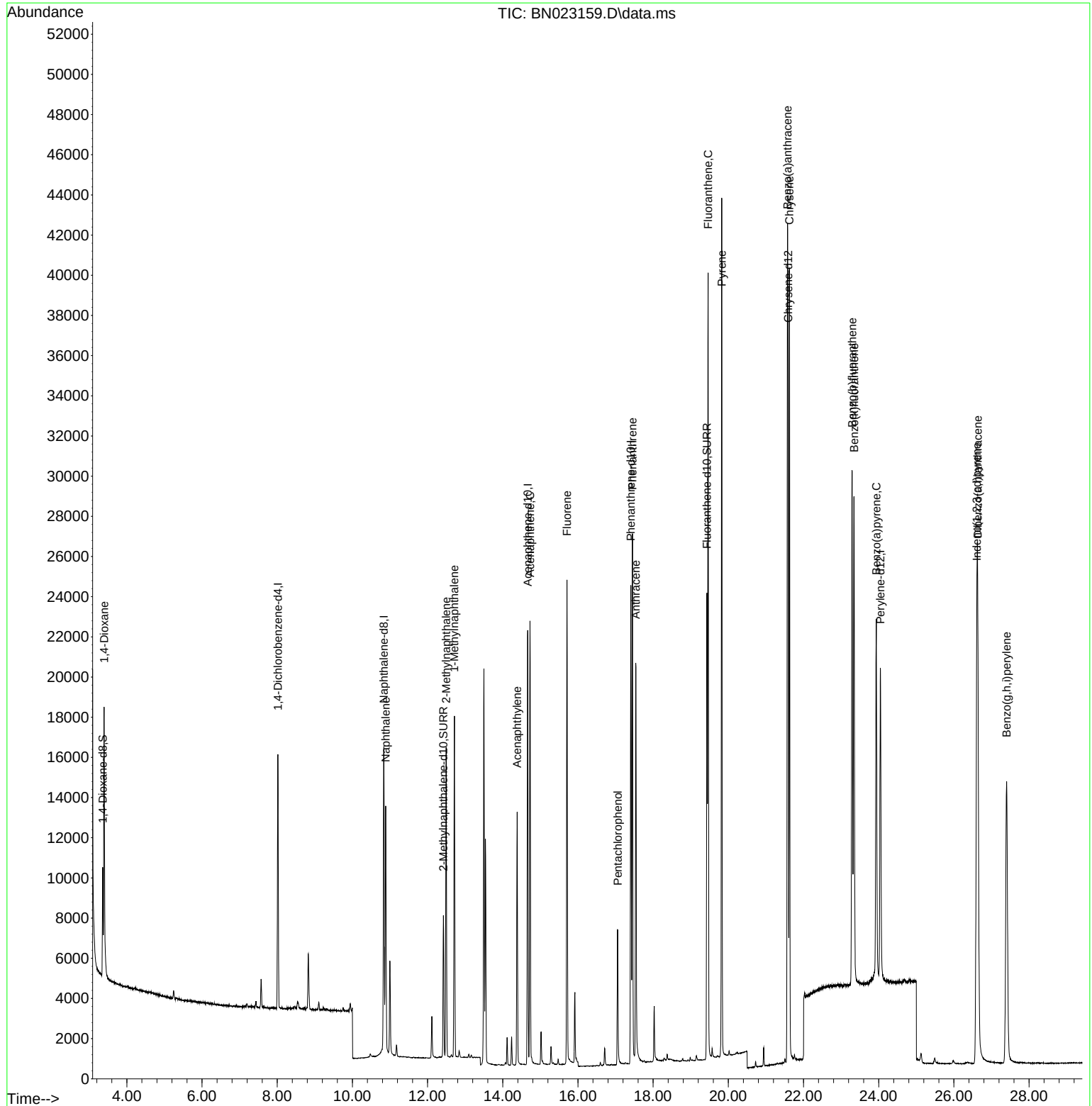
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6301	0.400	ng/ul	0.00
4) Naphthalene-d8	10.837	136	19737	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.664	164	11604	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	27001	0.400	ng/ul	0.00
17) Chrysene-d12	21.589	240	25336	0.400	ng/ul	0.00
23) Perylene-d12	24.045	264	22158	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	3726	0.493	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.421	152	8678	0.289	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	23628	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.395	88	9804	1.243	ng/ul#	74
5) Naphthalene	10.887	128	19451	0.325	ng/ul	100
7) 2-Methylnaphthalene	12.492	142	10313	0.275	ng/ul	99
8) 1-Methylnaphthalene	12.712	142	11144	0.293	ng/ul	100
10) Acenaphthylene	14.381	152	14172	0.248	ng/ul	99
11) Acenaphthene	14.724	153	12147	0.268	ng/ul	98
12) Fluorene	15.709	166	15181	0.296	ng/ul	99
14) Pentachlorophenol	17.056	266	4680	0.829	ng/ul#	100
15) Phenanthrene	17.449	178	27449	0.296	ng/ul	99
16) Anthracene	17.538	178	22498	0.283	ng/ul	100
19) Fluoranthene	19.462	202	32470	0.248	ng/ul	98
20) Pyrene	19.824	202	33691	0.263	ng/ul	97
21) Benzo(a)anthracene	21.572	228	32345	0.334	ng/ul	99
22) Chrysene	21.627	228	33491	0.315	ng/ul	100
24) Benzo(b)fluoranthene	23.294	252	33703	0.300	ng/ul	97
25) Benzo(k)fluoranthene	23.343	252	32790	0.276	ng/ul	98
26) Benzo(a)pyrene	23.934	252	28872	0.338	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.610	276	37454	0.369	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.634	278	29733	0.368	ng/ul	100
29) Benzo(g,h,i)perylene	27.402	276	31714	0.358	ng/ul	100

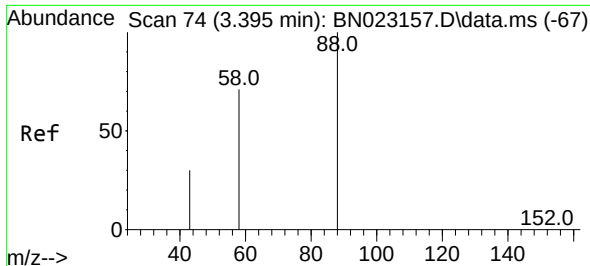
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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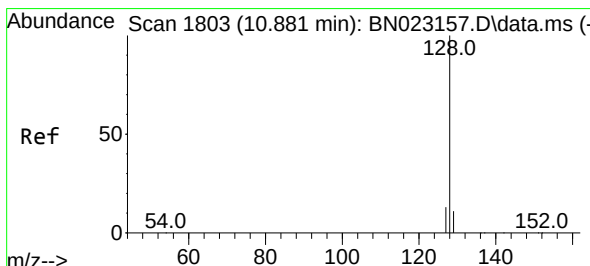
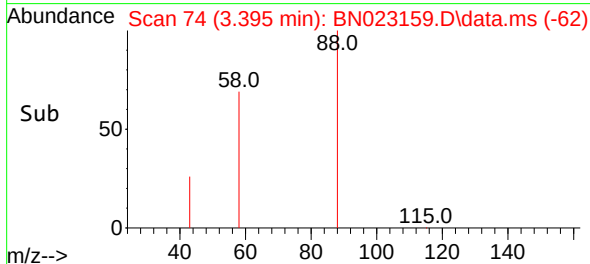
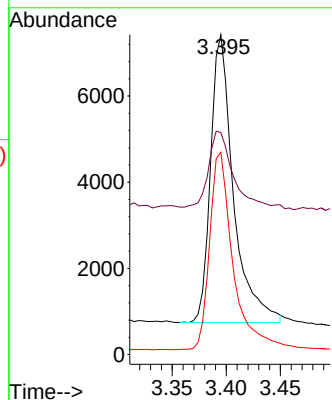
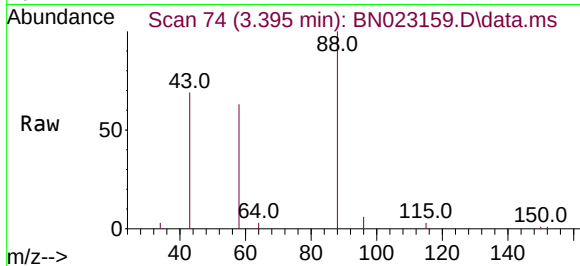




#2
1,4-Dioxane
Concen: 1.243 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

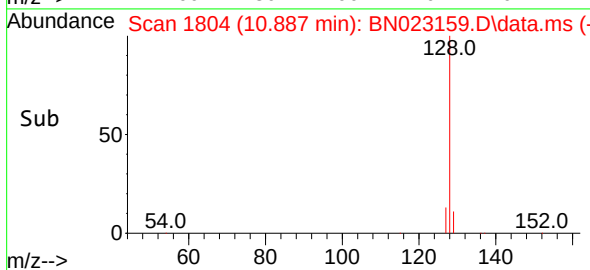
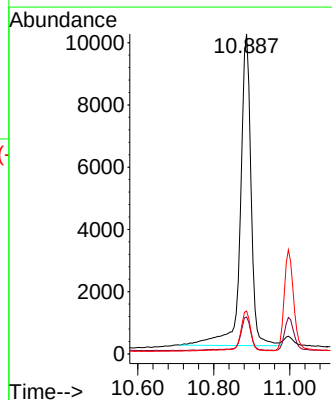
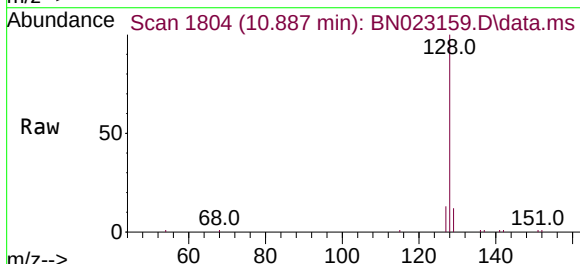
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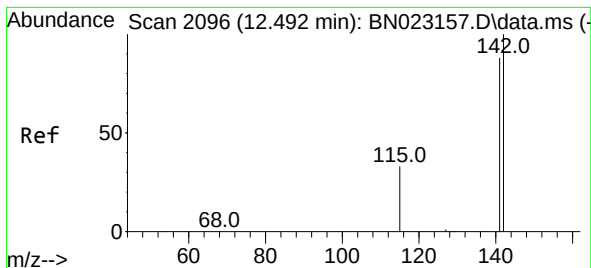
Tgt Ion: 88 Resp: 9804
Ion Ratio Lower Upper
88 100
43 69.4 26.2 39.4#
58 63.2 47.6 71.4



#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.887 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

Tgt Ion: 128 Resp: 19451
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.4 10.6 16.0

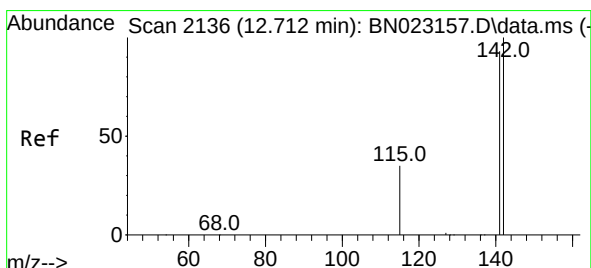
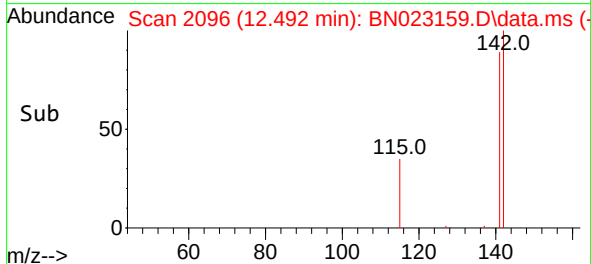
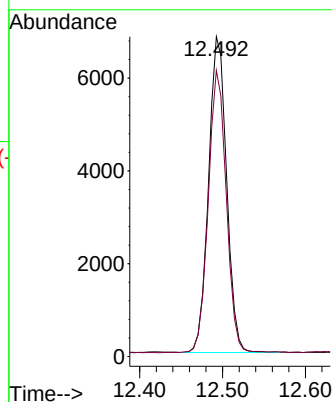
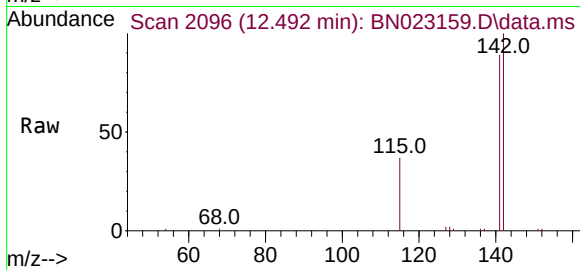




#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.492 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

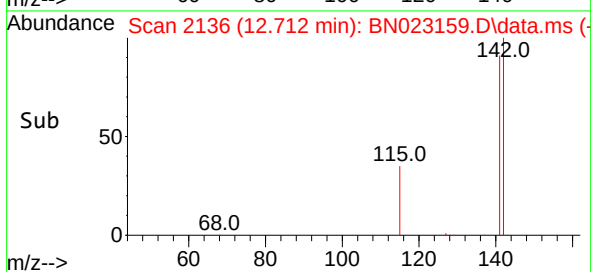
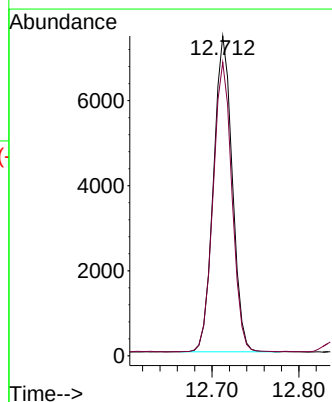
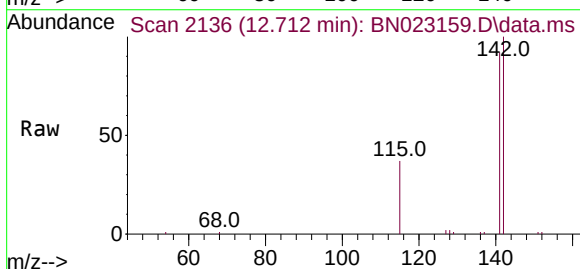
Instrument :
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ClientSampleId :
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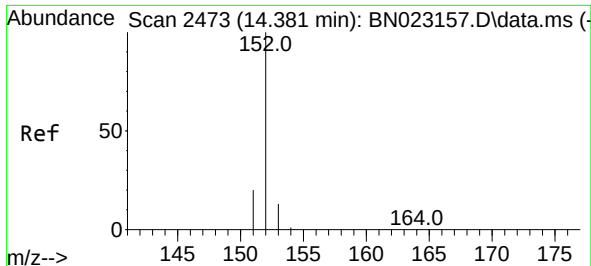
Tgt Ion:142 Resp: 10313
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.712 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

Tgt Ion:142 Resp: 11144
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6

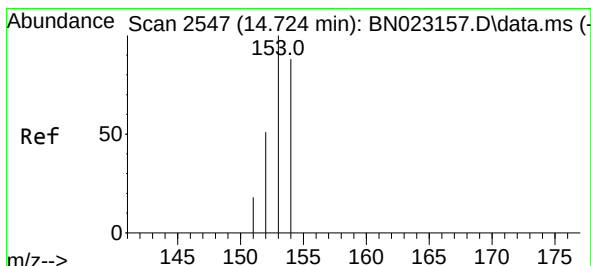
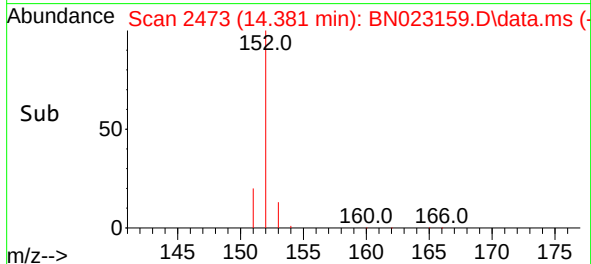
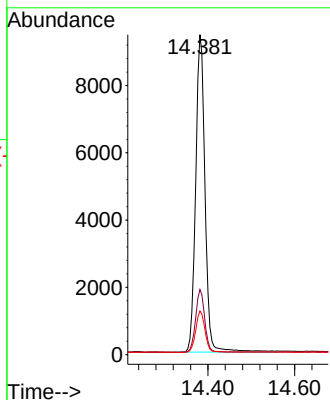
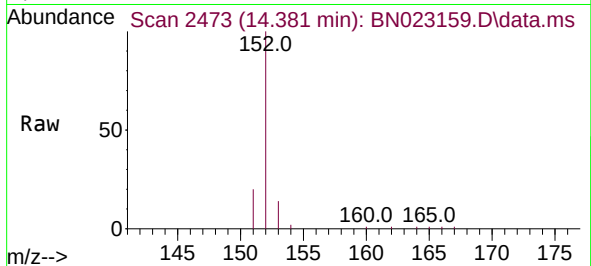




#10
Acenaphthylene
Concen: 0.248 ng/ul
RT: 14.381 min Scan# 2473
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

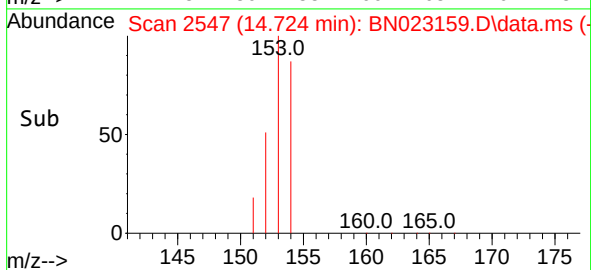
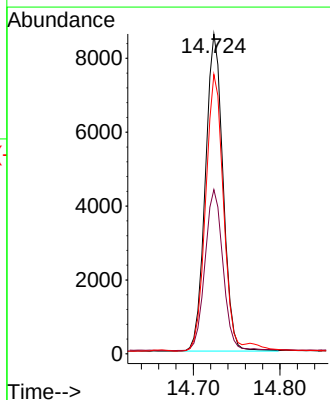
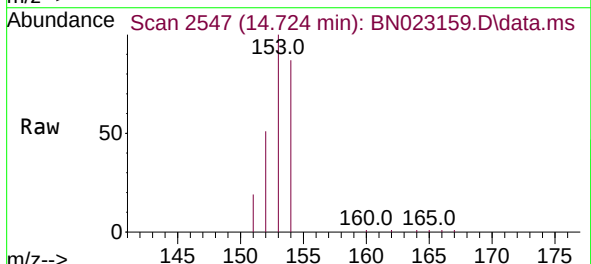
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BNA_N
ClientSampleId :
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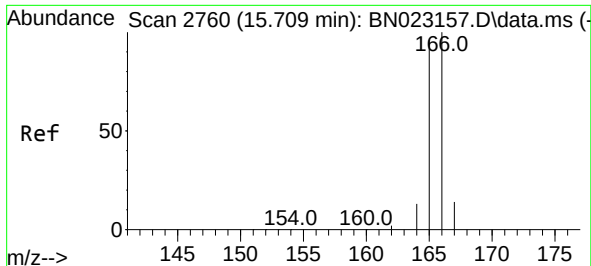
Tgt Ion:152 Resp: 14172
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.7 10.5 15.7



#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.724 min Scan# 2547
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

Tgt Ion:153 Resp: 12147
Ion Ratio Lower Upper
153 100
152 51.3 41.8 62.8
154 87.3 71.3 106.9

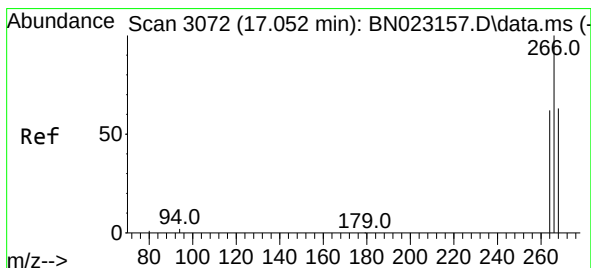
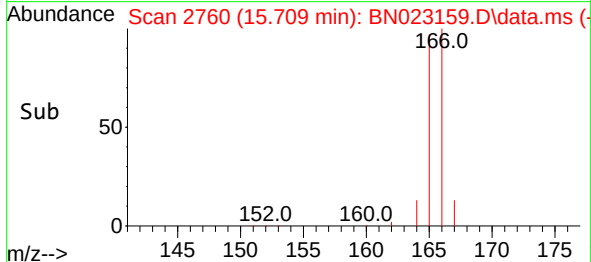
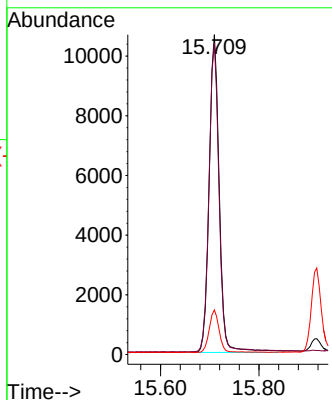
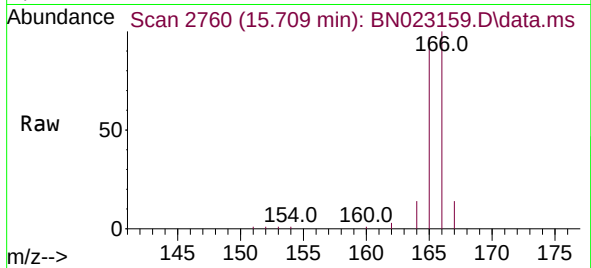




#12
Fluorene
Concen: 0.296 ng/ul
RT: 15.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

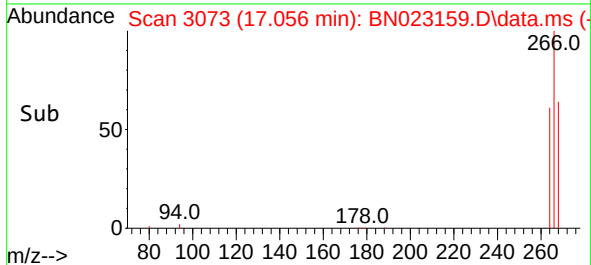
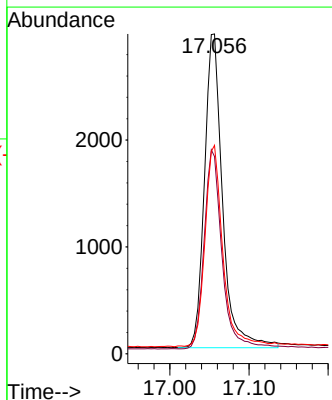
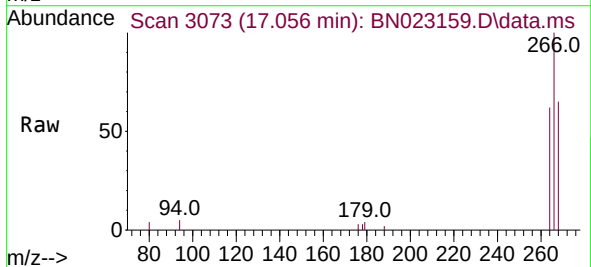
Instrument :
BNA_N
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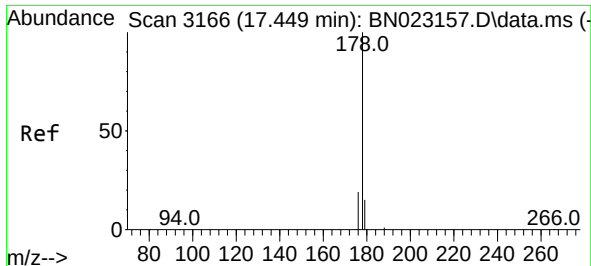
Tgt Ion:166 Resp: 15181
Ion Ratio Lower Upper
166 100
165 97.2 78.7 118.1
167 14.0 10.8 16.2



#14
Pentachlorophenol
Concen: 0.829 ng/ul
RT: 17.056 min Scan# 3073
Delta R.T. 0.004 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

Tgt Ion:266 Resp: 4680
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 63.8 0.0 0.0#

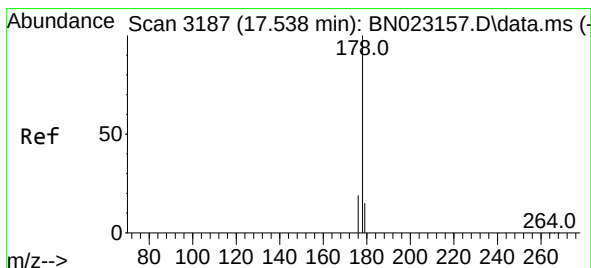
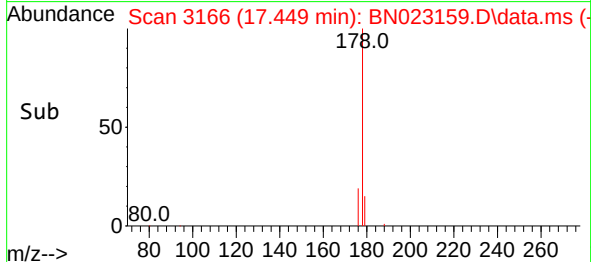
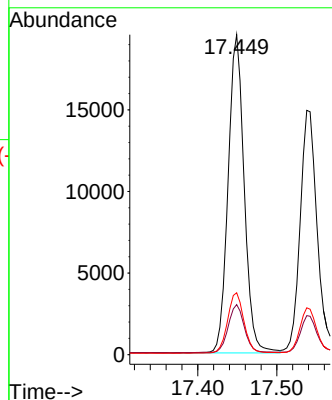
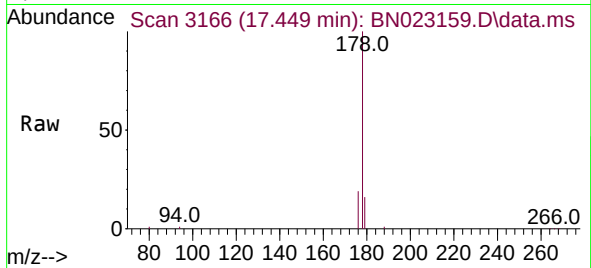




#15
Phenanthrene
Concen: 0.296 ng/ul
RT: 17.449 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

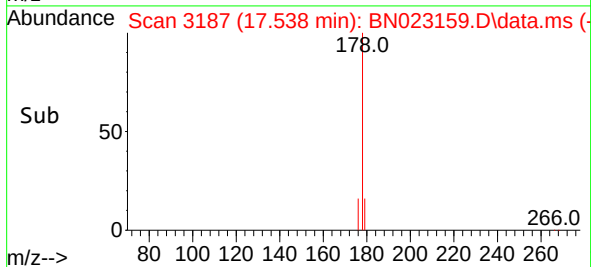
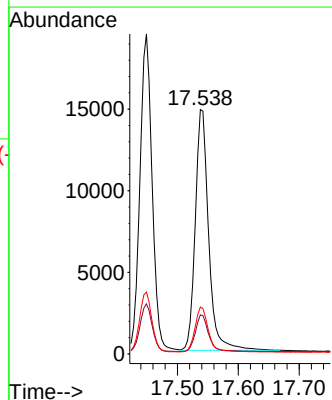
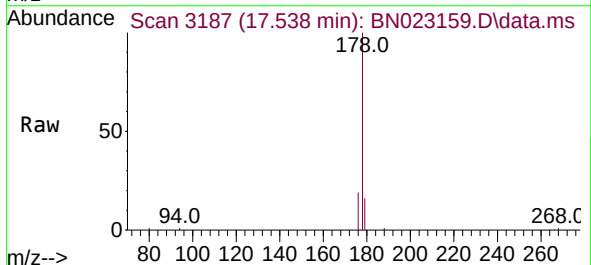
Instrument :
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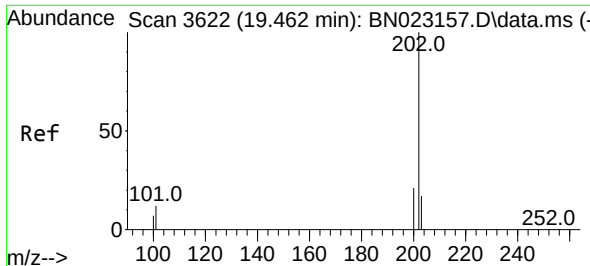
Tgt Ion:178 Resp: 27449
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.3 15.9 23.9



#16
Anthracene
Concen: 0.283 ng/ul
RT: 17.538 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

Tgt Ion:178 Resp: 22498
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.2 15.3 22.9

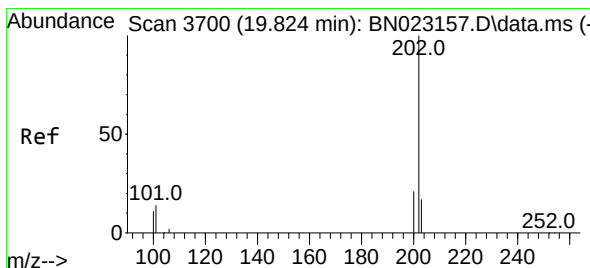
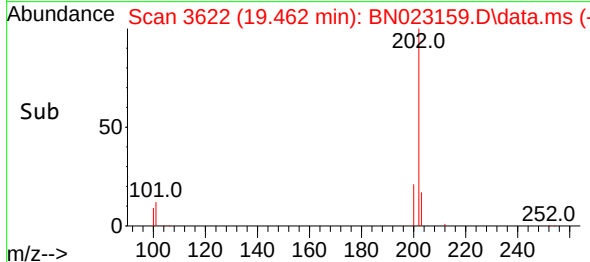
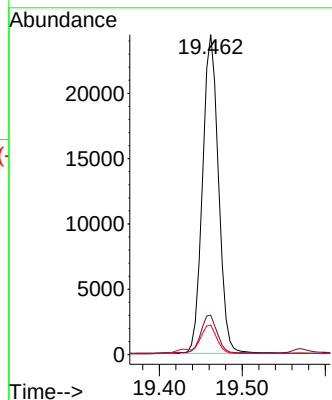
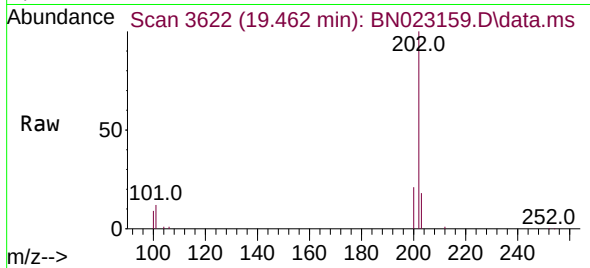




#19
Fluoranthene
Concen: 0.248 ng/ul
RT: 19.462 min Scan# 3622
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

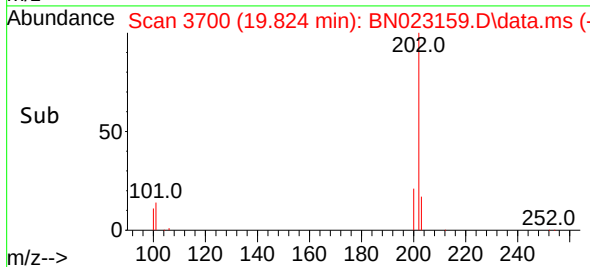
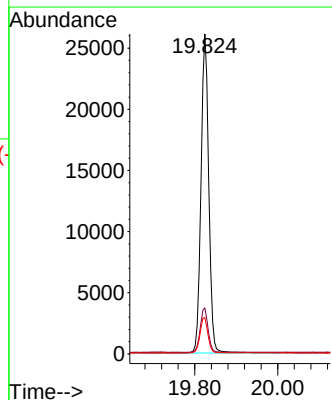
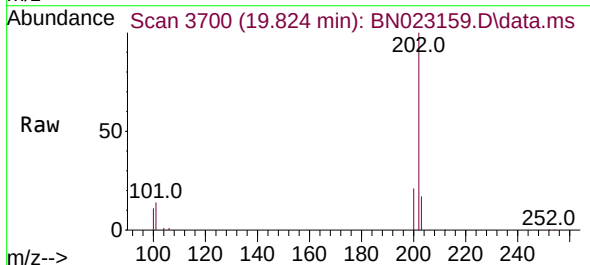
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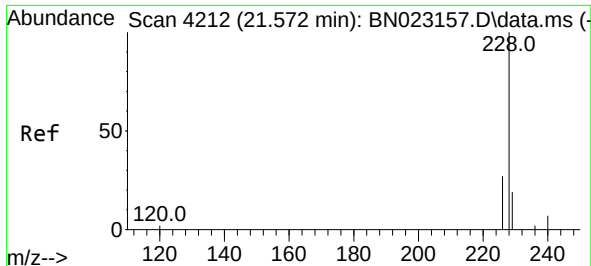
Tgt Ion:202 Resp: 32470
Ion Ratio Lower Upper
202 100
101 12.3 9.2 13.8
100 9.2 6.9 10.3



#20
Pyrene
Concen: 0.263 ng/ul
RT: 19.824 min Scan# 3700
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

Tgt Ion:202 Resp: 33691
Ion Ratio Lower Upper
202 100
101 14.3 10.6 16.0
100 11.3 8.2 12.4

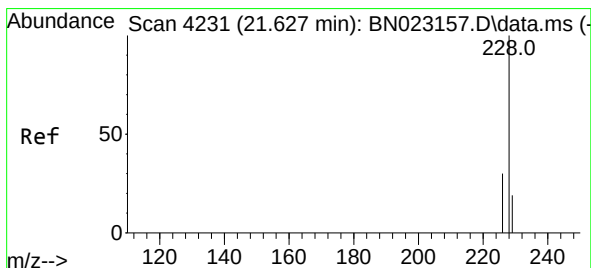
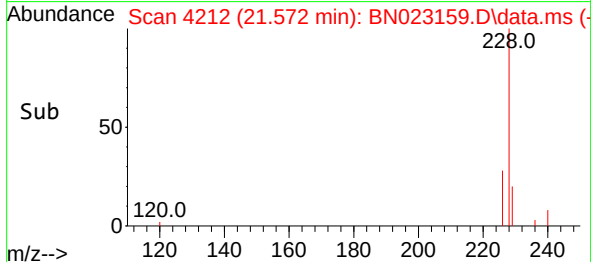
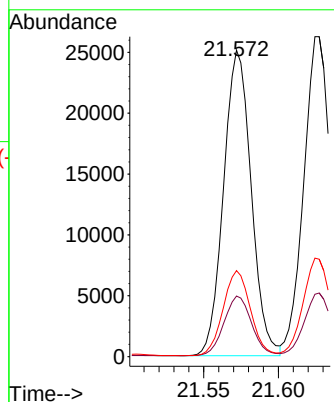
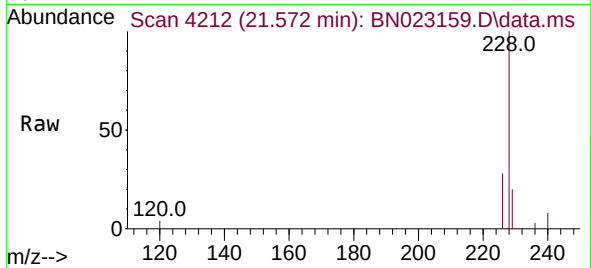




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.572 min Scan# 4212
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

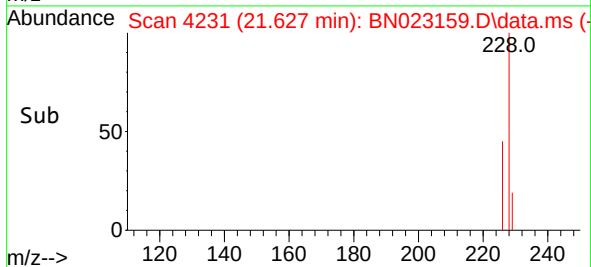
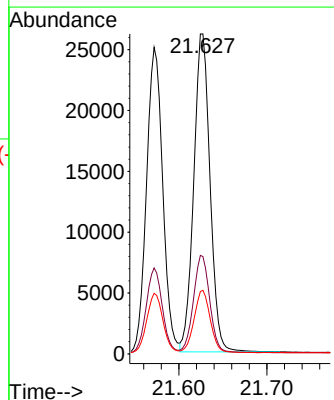
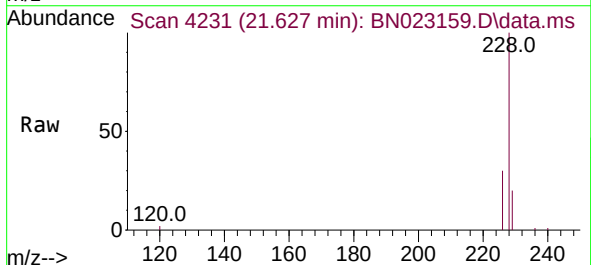
Instrument :
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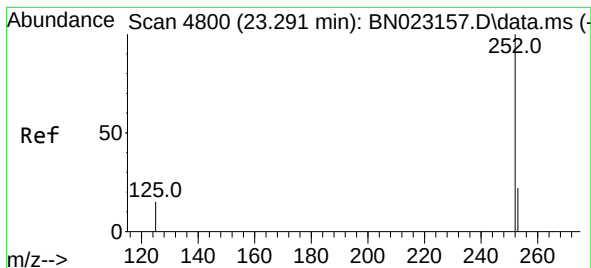
Tgt Ion:228 Resp: 32345
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 28.1 22.2 33.4



#22
Chrysene
Concen: 0.315 ng/ul
RT: 21.627 min Scan# 4231
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

Tgt Ion:228 Resp: 33491
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.9 15.8 23.8





#24

Benzo(b)fluoranthene

Concen: 0.300 ng/ul

RT: 23.294 min Scan# 4800

Delta R.T. 0.003 min

Lab File: BN023159.D

Acq: 13 Dec 2022 11:35

Instrument :

BNA_N

ClientSampleId :

SLCS494

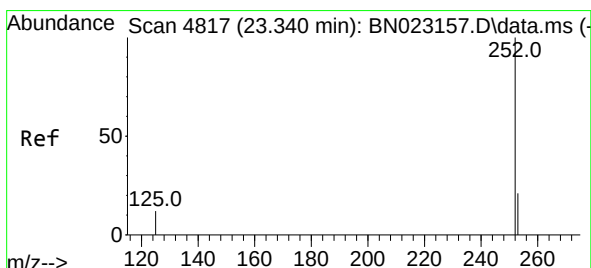
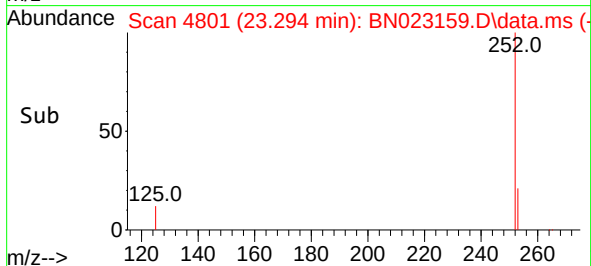
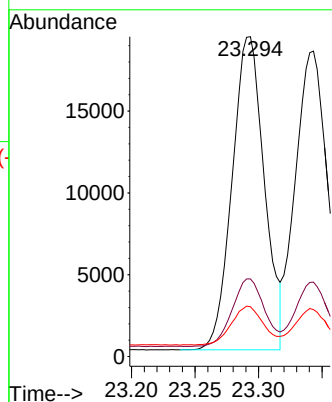
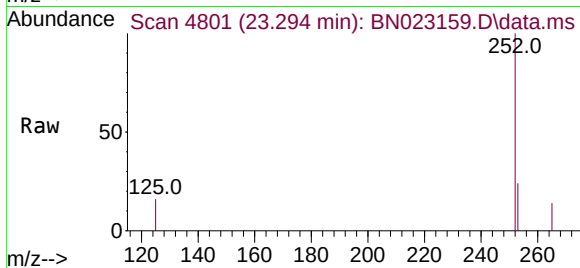
Tgt Ion:252 Resp: 33703

Ion Ratio Lower Upper

252 100

253 24.3 0.0 46.0

125 15.6 0.0 28.6



#25

Benzo(k)fluoranthene

Concen: 0.276 ng/ul

RT: 23.343 min Scan# 4818

Delta R.T. 0.003 min

Lab File: BN023159.D

Acq: 13 Dec 2022 11:35

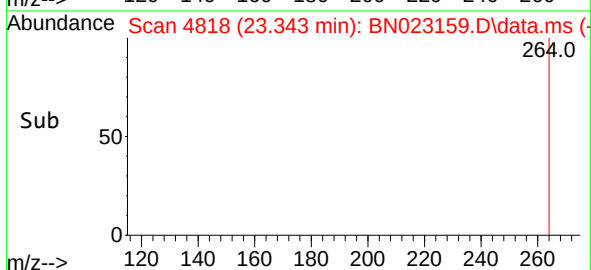
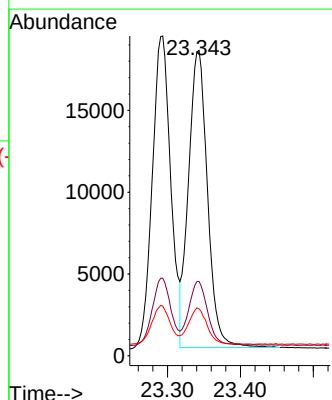
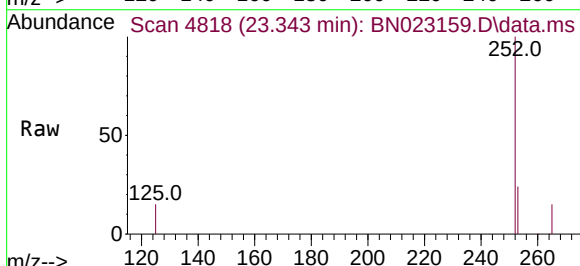
Tgt Ion:252 Resp: 32790

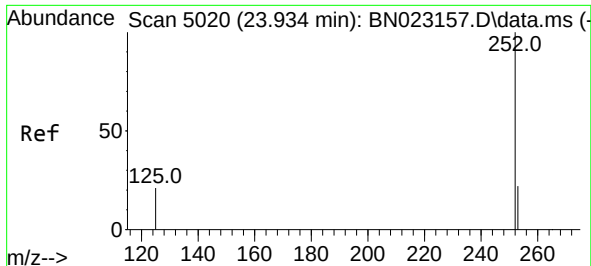
Ion Ratio Lower Upper

252 100

253 24.4 18.7 28.1

125 15.4 11.3 16.9

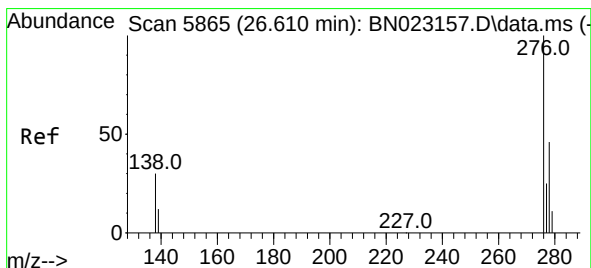
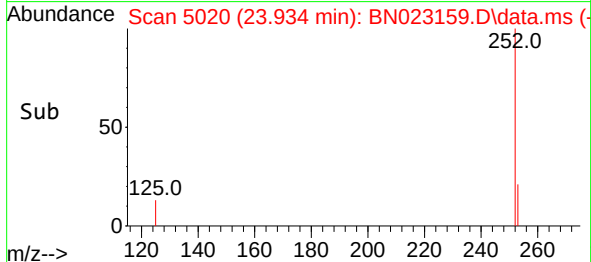
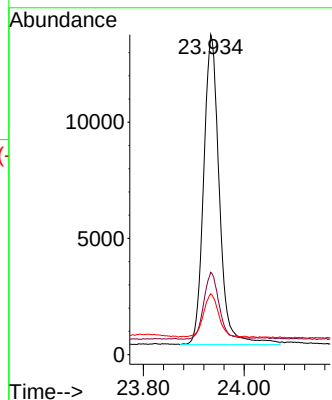
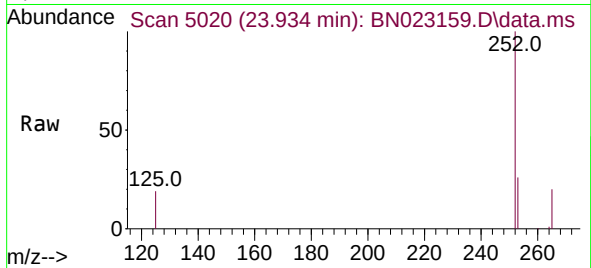




#26
Benzo(a)pyrene
Concen: 0.338 ng/ul
RT: 23.934 min Scan# 5020
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

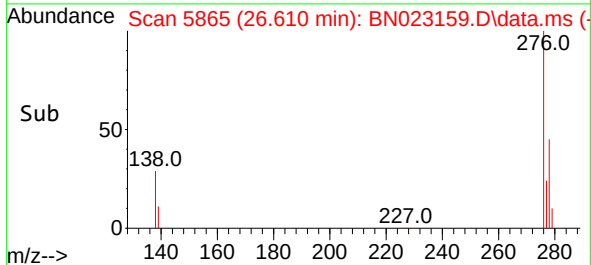
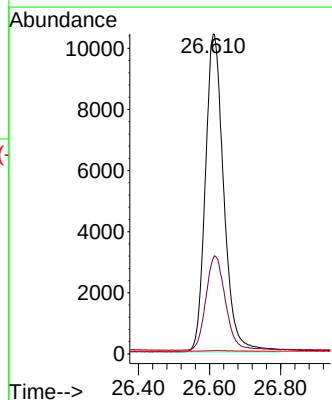
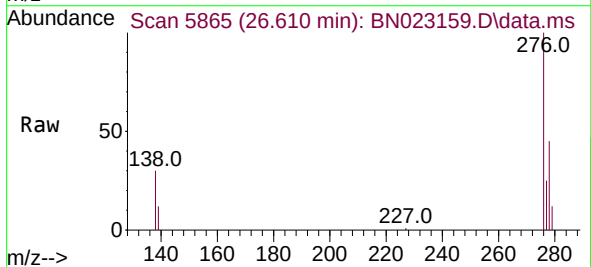
Instrument :
BNA_N
ClientSampleId :
SLCS494

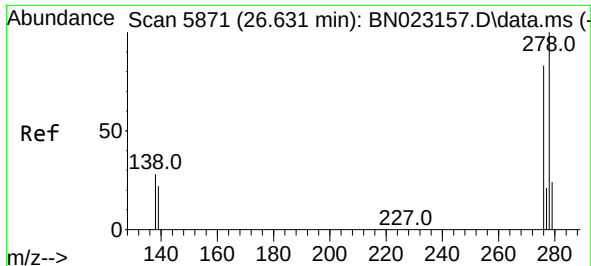
Tgt Ion:252 Resp: 28872
Ion Ratio Lower Upper
252 100
253 25.7 19.7 29.5
125 19.0 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 26.610 min Scan# 5865
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

Tgt Ion:276 Resp: 37454
Ion Ratio Lower Upper
276 100
138 31.5 0.0 0.0#
227 0.2 0.0 0.0#

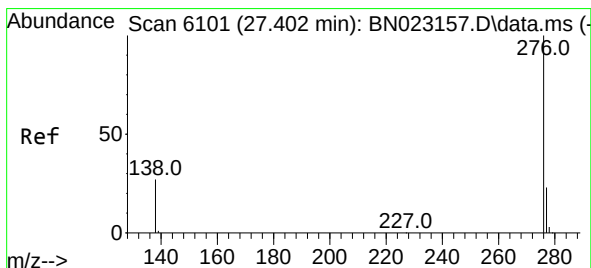
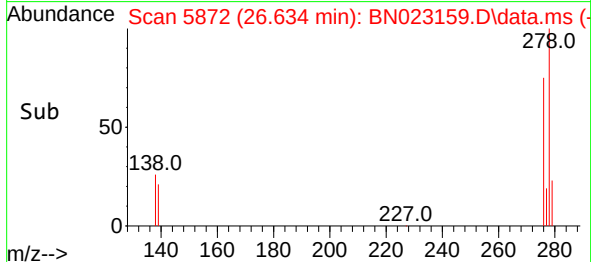
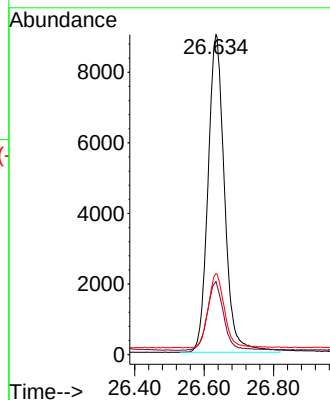
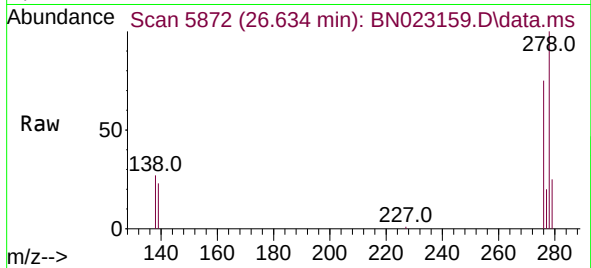




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 26.634 min Scan# 5871
Delta R.T. 0.003 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

Instrument :
BNA_N
ClientSampleId :
SLCS494

Tgt Ion: 278 Resp: 29733
Ion Ratio Lower Upper
278 100
139 22.8 18.3 27.5
279 25.3 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 27.402 min Scan# 6101
Delta R.T. -0.000 min
Lab File: BN023159.D
Acq: 13 Dec 2022 11:35

Tgt Ion: 276 Resp: 31714
Ion Ratio Lower Upper
276 100
138 28.0 22.1 33.1
277 24.4 19.4 29.2

