

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041223\
 Data File : BN024851.D
 Acq On : 12 Apr 2023 17:02
 Operator : CG/JU
 Sample : PB152043BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS043

Quant Time: Apr 13 02:48:21 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 02:44:00 2023
 Response via : Initial Calibration

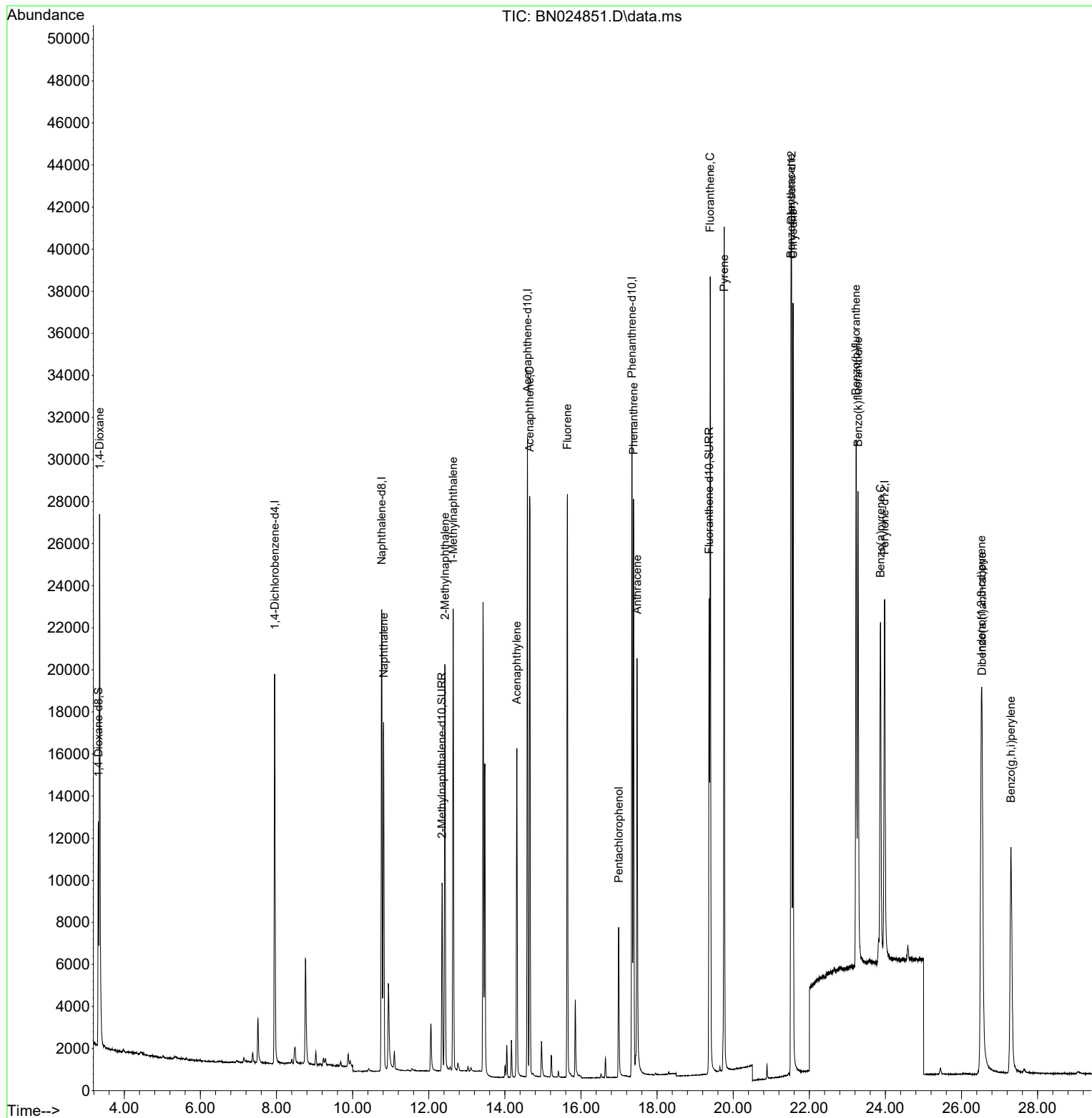
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	10035	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	29418	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	16255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	35511	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	29311	0.400	ng/ul	0.00
23) Perylene-d12	23.979	264	25947	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6305	0.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	11766	0.312	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	24908	0.342	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	16411	1.359	ng/ul	95
5) Naphthalene	10.814	128	23163	0.309	ng/ul	100
7) 2-Methylnaphthalene	12.426	142	14194	0.304	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	15043	0.304	ng/ul	99
10) Acenaphthylene	14.316	152	18353	0.301	ng/ul	99
11) Acenaphthene	14.653	153	15942	0.305	ng/ul	99
12) Fluorene	15.644	166	17624	0.301	ng/ul	97
14) Pentachlorophenol	16.992	266	4997	0.660	ng/ul	99
15) Phenanthrene	17.381	178	29497	0.295	ng/ul	99
16) Anthracene	17.474	178	24310	0.292	ng/ul	99
19) Fluoranthene	19.396	202	33428	0.331	ng/ul	99
20) Pyrene	19.763	202	34290	0.332	ng/ul	99
21) Benzo(a)anthracene	21.517	228	30566	0.330	ng/ul	100
22) Chrysene	21.573	228	32996	0.329	ng/ul	100
24) Benzo(b)fluoranthene	23.230	252	33537	0.322	ng/ul	98
25) Benzo(k)fluoranthene	23.280	252	32647	0.322	ng/ul	99
26) Benzo(a)pyrene	23.870	252	26987	0.313	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.521	276	30001	0.295	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.541	278	23389	0.292	ng/ul	98
29) Benzo(g,h,i)perylene	27.299	276	25856	0.300	ng/ul	99

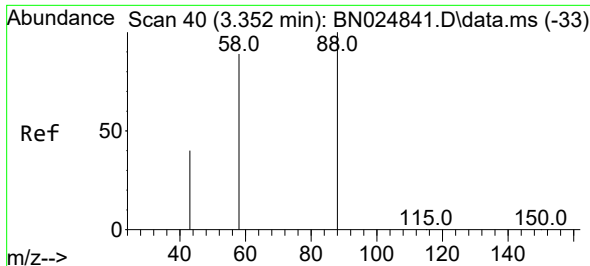
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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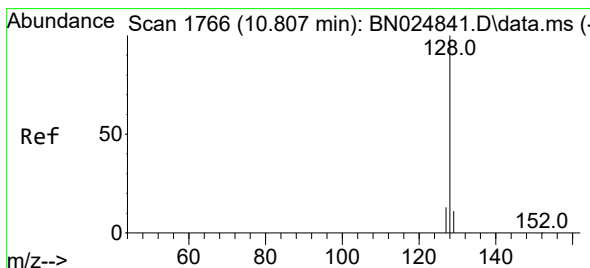
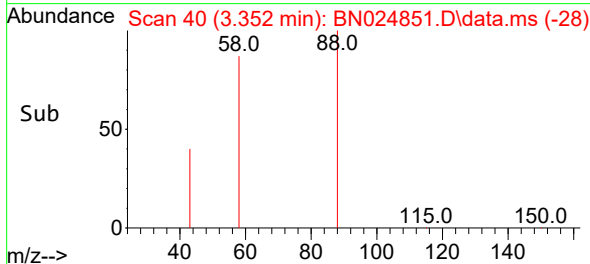
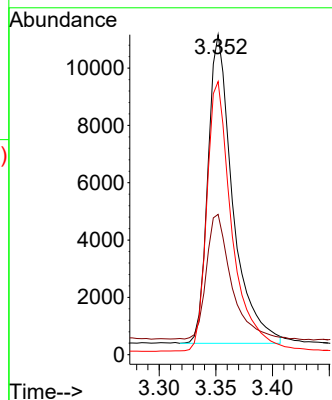
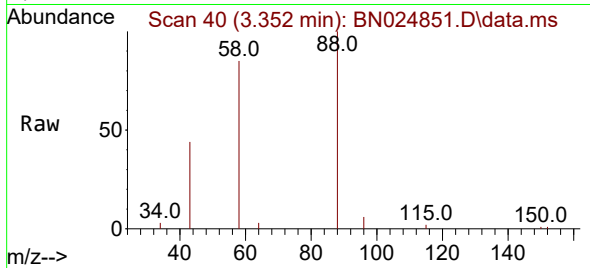




#2
 1,4-Dioxane
 Concen: 1.359 ng/ul
 RT: 3.352 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BN024851.D
 Acq: 12 Apr 2023 17:02

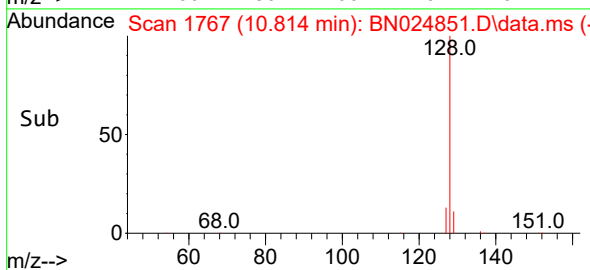
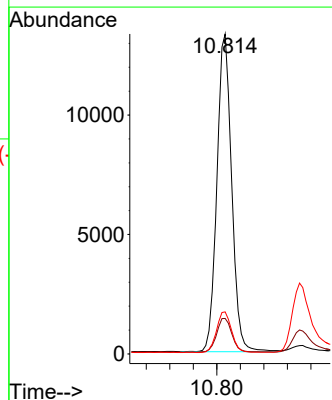
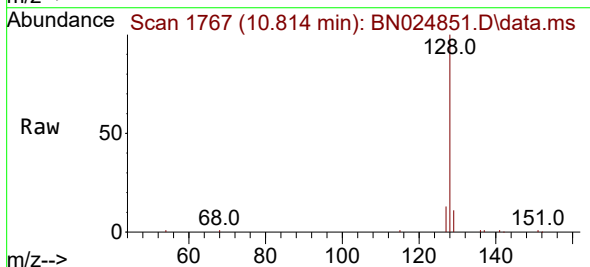
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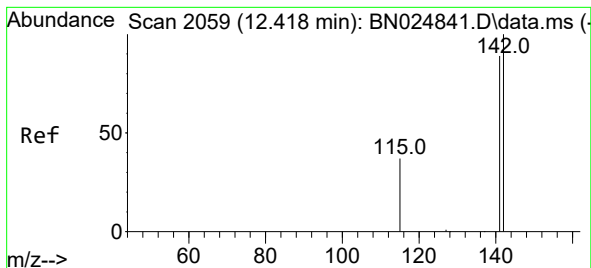
Tgt Ion: 88 Resp: 16411
 Ion Ratio Lower Upper
 88 100
 43 43.9 39.1 58.7
 58 85.3 65.7 98.5



#5
 Naphthalene
 Concen: 0.309 ng/ul
 RT: 10.814 min Scan# 1767
 Delta R.T. 0.007 min
 Lab File: BN024851.D
 Acq: 12 Apr 2023 17:02

Tgt Ion: 128 Resp: 23163
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.1 13.7
 127 13.2 10.5 15.7

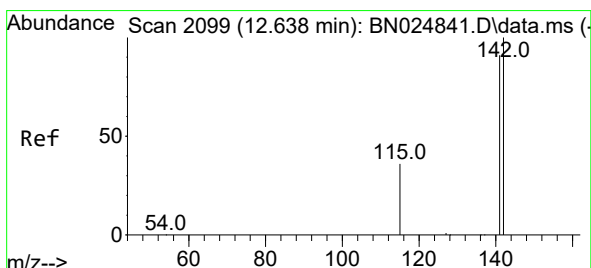
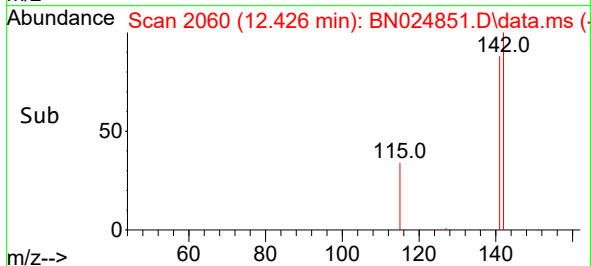
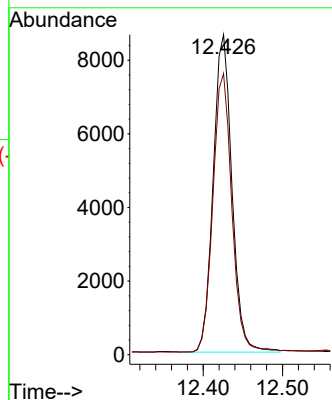
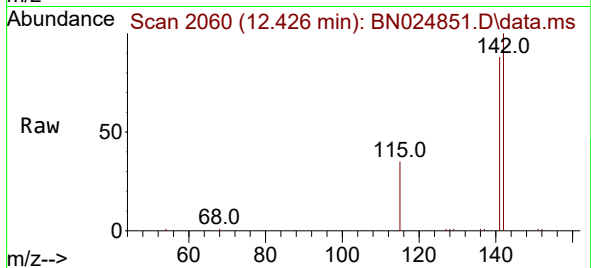




#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.426 min Scan# 2059
Delta R.T. 0.007 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

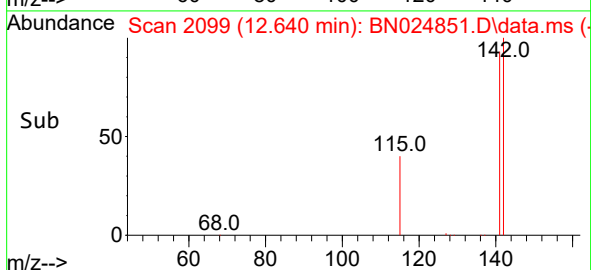
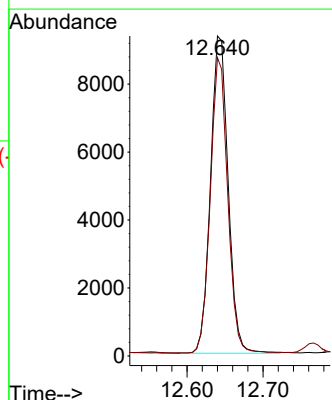
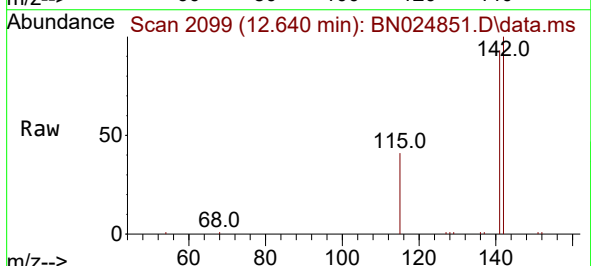
Instrument :
BNA_N
ClientSampleId :
SLCS043

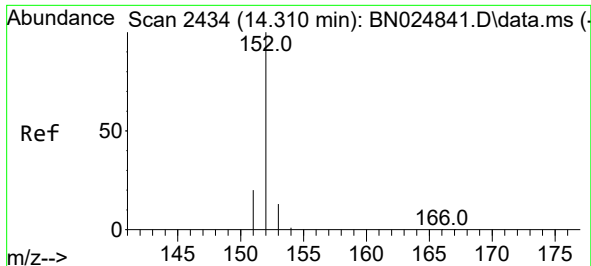
Tgt Ion:142 Resp: 14194
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.002 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

Tgt Ion:142 Resp: 15043
Ion Ratio Lower Upper
142 100
141 91.6 74.0 111.0

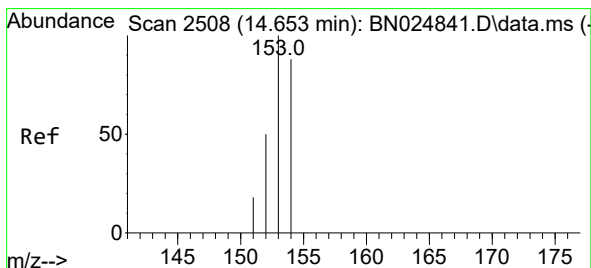
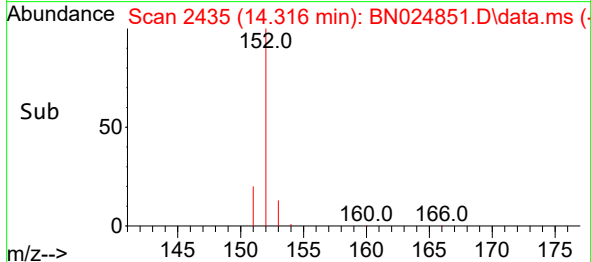
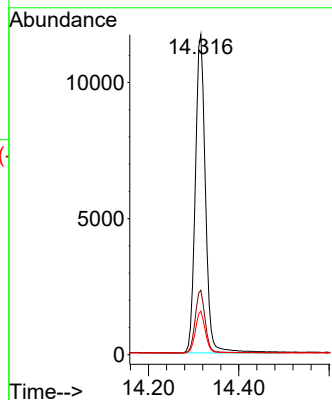
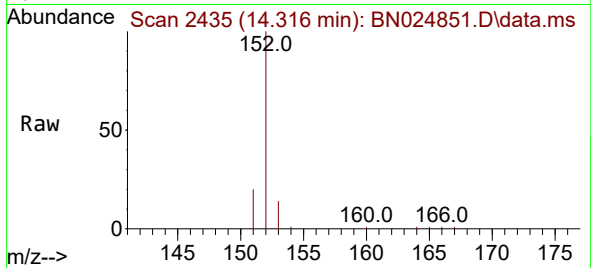




#10
Acenaphthylene
Concen: 0.301 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. 0.005 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

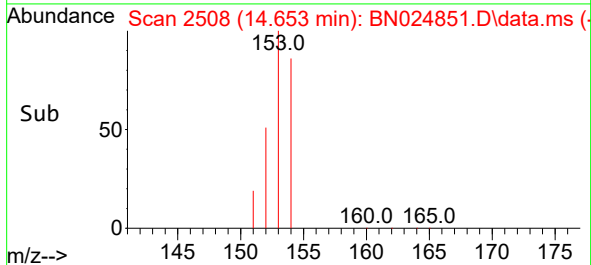
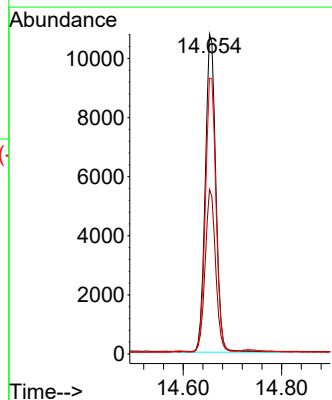
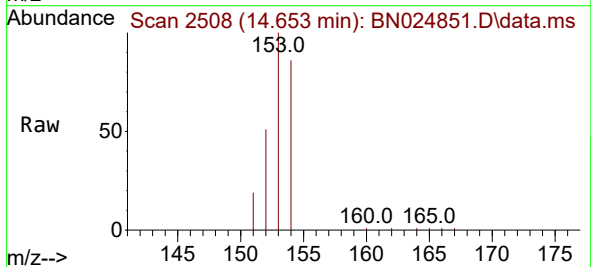
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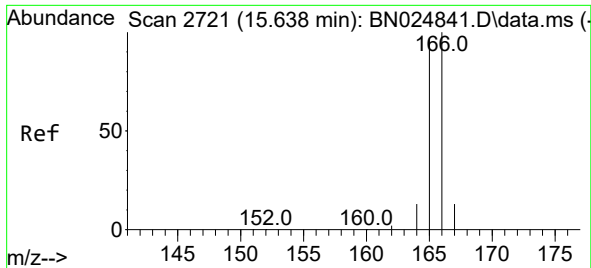
Tgt Ion:152 Resp: 18353
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.6 10.6 16.0



#11
Acenaphthene
Concen: 0.305 ng/ul
RT: 14.653 min Scan# 2508
Delta R.T. 0.001 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

Tgt Ion:153 Resp: 15942
Ion Ratio Lower Upper
153 100
152 51.4 40.7 61.1
154 86.1 69.4 104.2

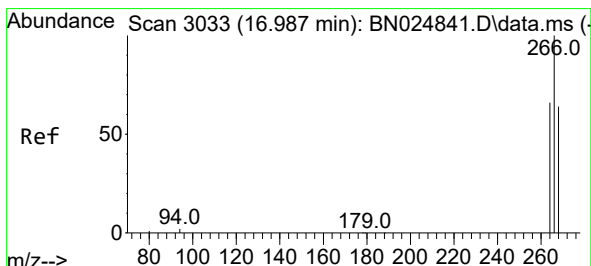
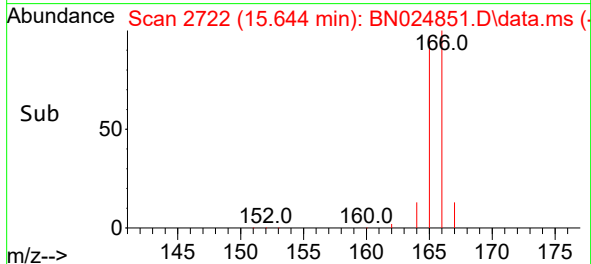
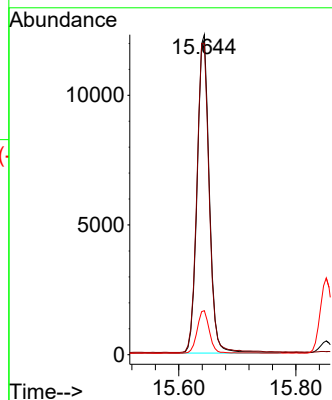
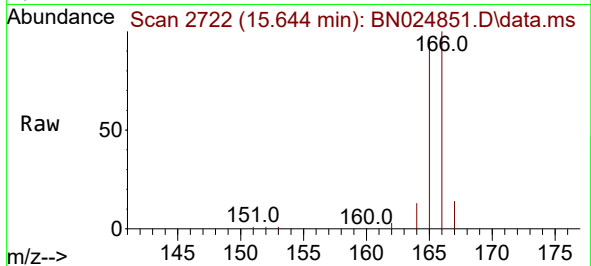




#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.644 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

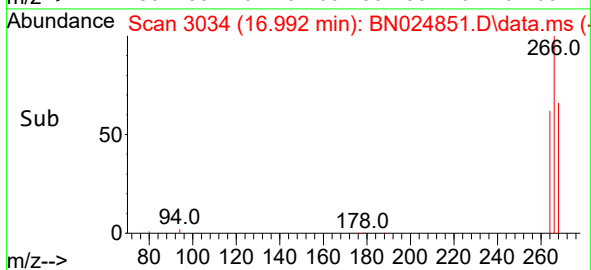
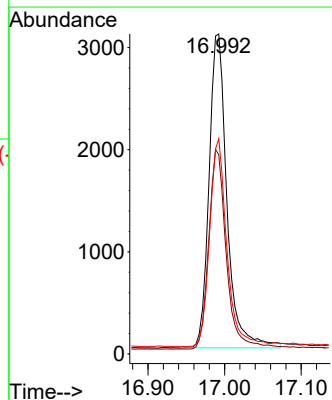
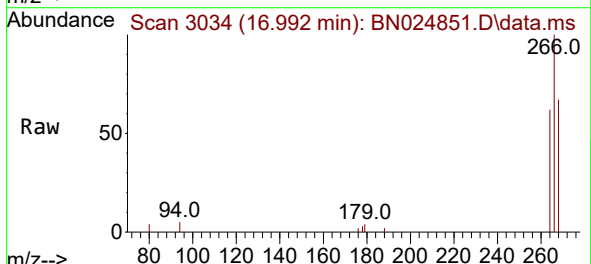
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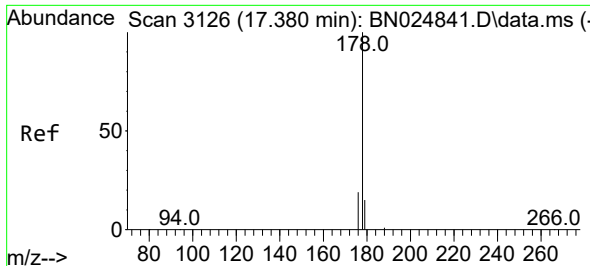
Tgt Ion:166 Resp: 17624
Ion Ratio Lower Upper
166 100
165 97.3 80.1 120.1
167 13.7 10.7 16.1



#14
Pentachlorophenol
Concen: 0.660 ng/ul
RT: 16.992 min Scan# 3034
Delta R.T. 0.005 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

Tgt Ion:266 Resp: 4997
Ion Ratio Lower Upper
266 100
264 62.6 51.2 76.8
268 64.4 51.4 77.2

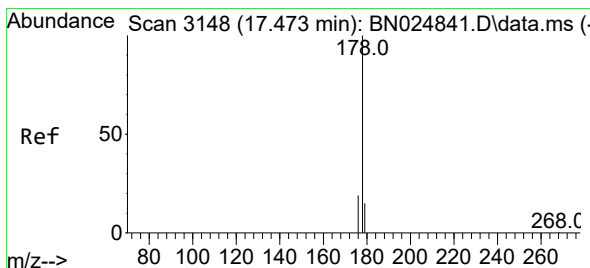
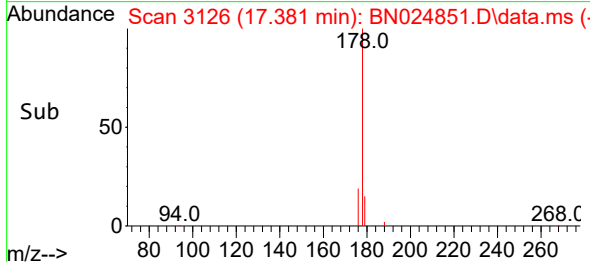
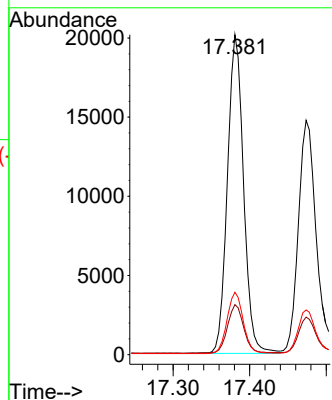
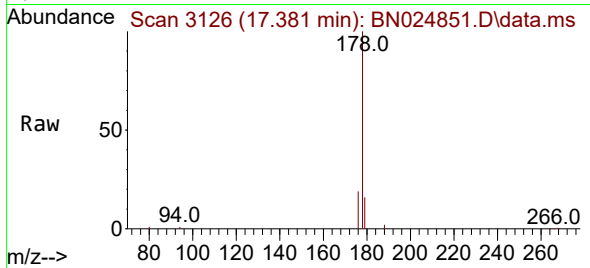




#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

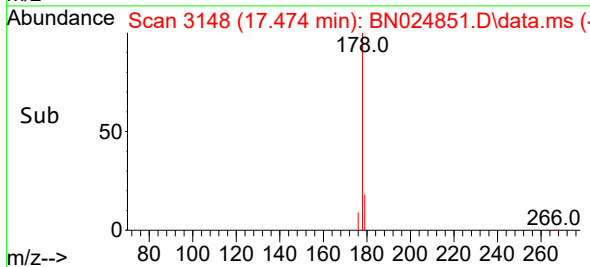
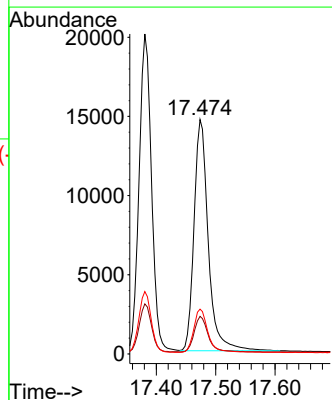
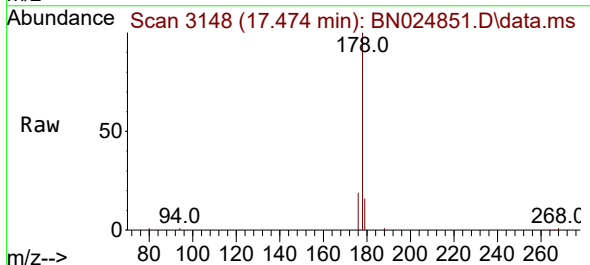
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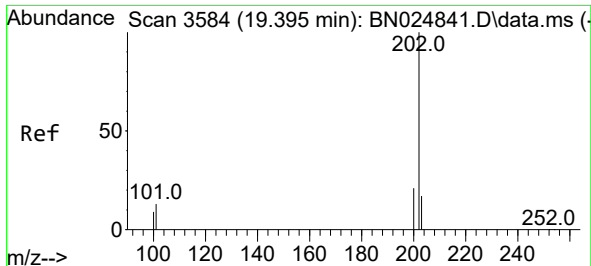
Tgt Ion:178 Resp: 29497
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.5 15.4 23.0



#16
Anthracene
Concen: 0.292 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. 0.001 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

Tgt Ion:178 Resp: 24310
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.1 14.7 22.1

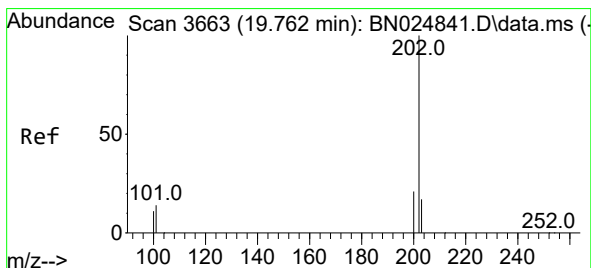
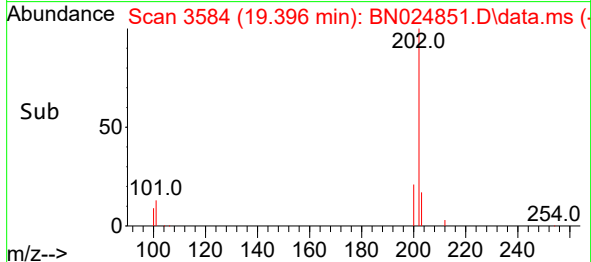
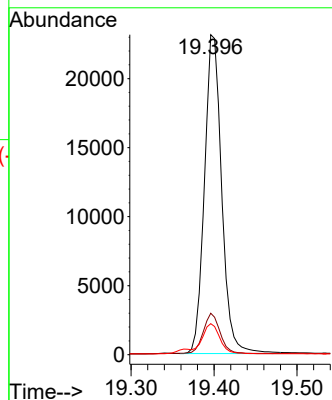
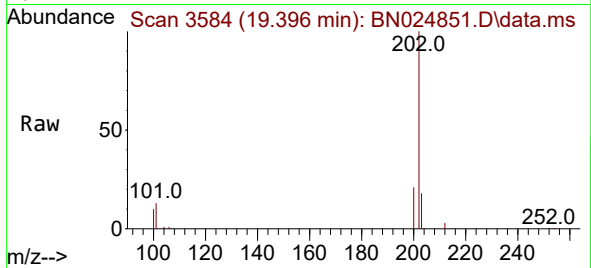




#19
Fluoranthene
Concen: 0.331 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. 0.001 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

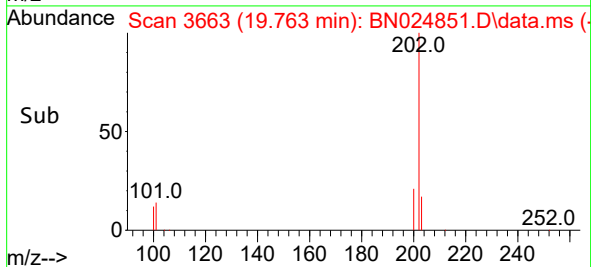
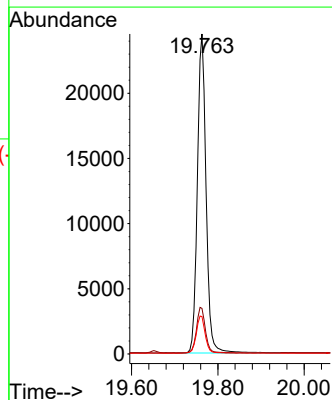
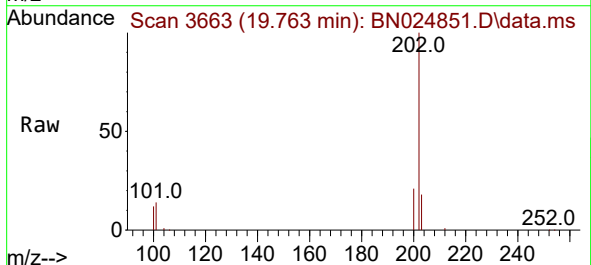
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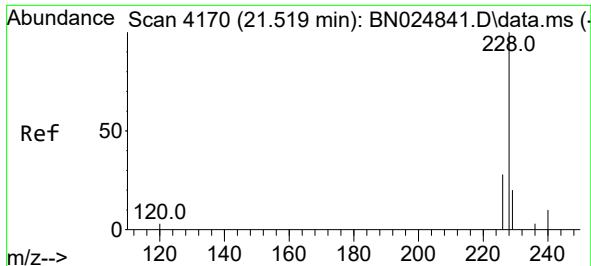
Tgt Ion:202 Resp: 33428
Ion Ratio Lower Upper
202 100
101 13.0 10.0 15.0
100 9.7 7.5 11.3



#20
Pyrene
Concen: 0.332 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

Tgt Ion:202 Resp: 34290
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.8
100 11.7 9.5 14.3

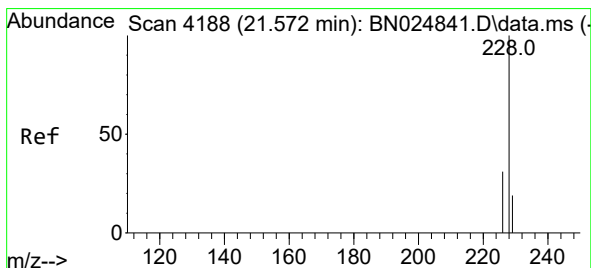
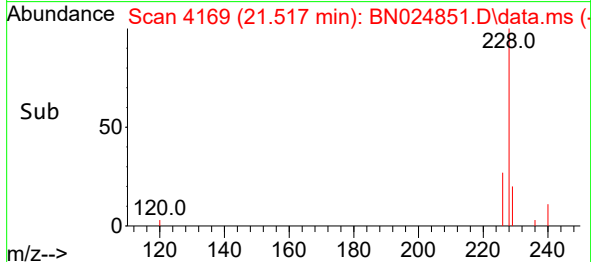
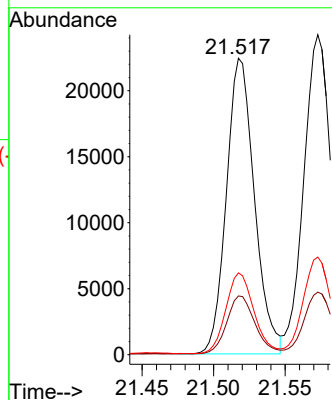
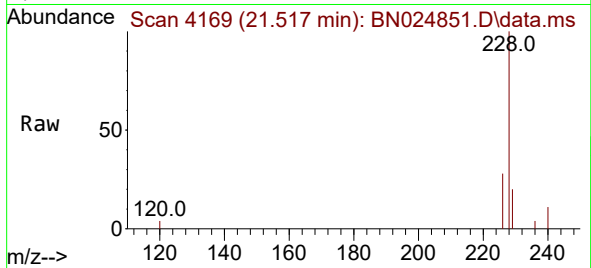




#21
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. -0.002 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

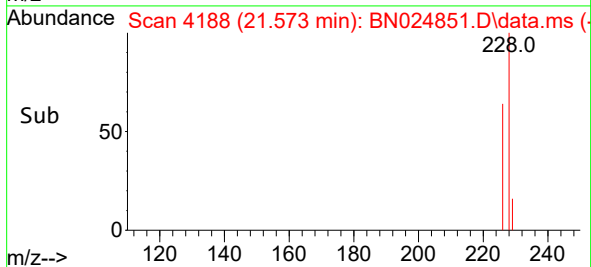
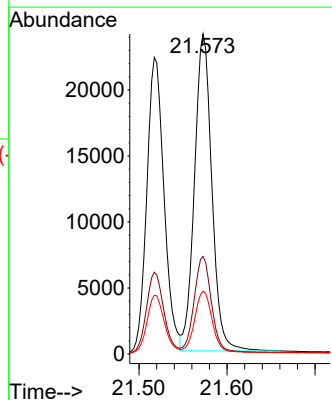
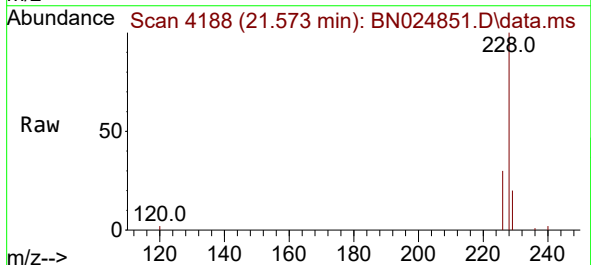
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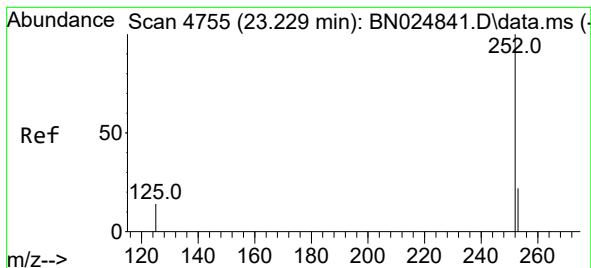
Tgt Ion:228 Resp: 30566
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.329 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. 0.001 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

Tgt Ion:228 Resp: 32996
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 19.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.322 ng/ul

RT: 23.230 min Scan# 4755

Delta R.T. 0.001 min

Lab File: BN024851.D

Acq: 12 Apr 2023 17:02

Instrument :

BNA_N

ClientSampleId :

SLCS043

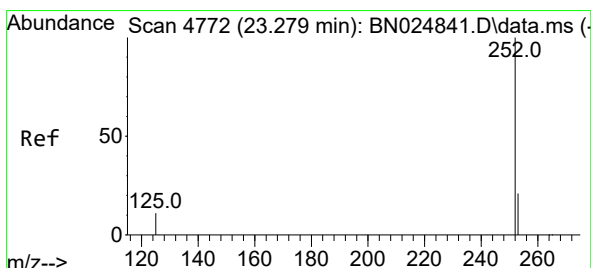
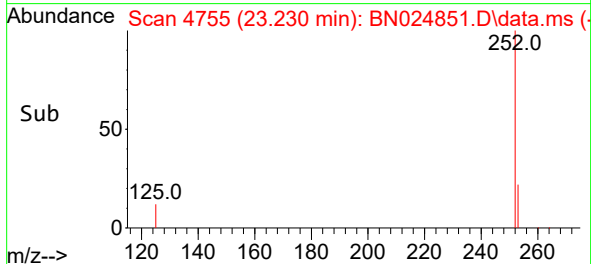
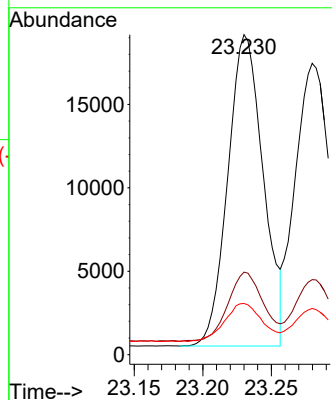
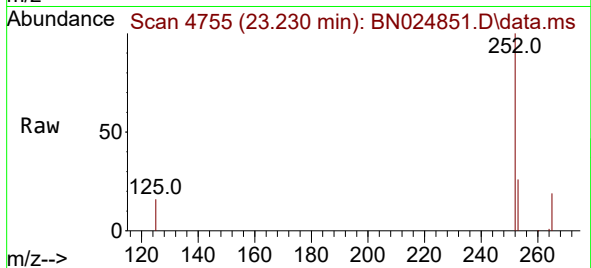
Tgt Ion:252 Resp: 33537

Ion Ratio Lower Upper

252 100

253 25.8 0.0 49.4

125 16.0 0.0 31.2



#25

Benzo(k)fluoranthene

Concen: 0.322 ng/ul

RT: 23.280 min Scan# 4772

Delta R.T. 0.001 min

Lab File: BN024851.D

Acq: 12 Apr 2023 17:02

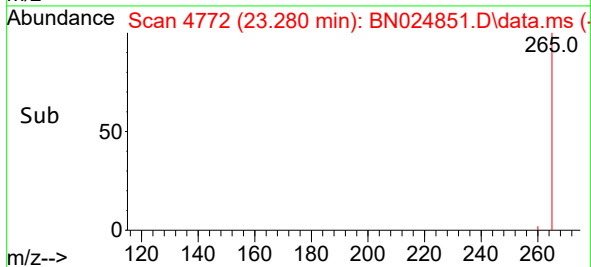
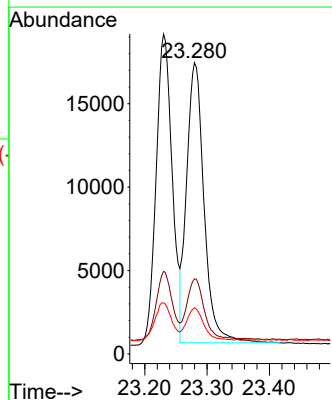
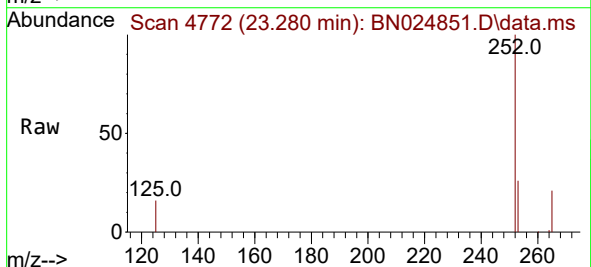
Tgt Ion:252 Resp: 32647

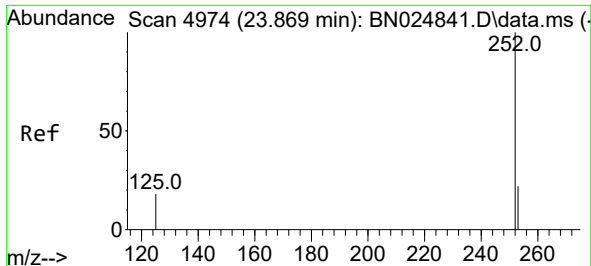
Ion Ratio Lower Upper

252 100

253 25.7 20.1 30.1

125 15.8 12.2 18.2

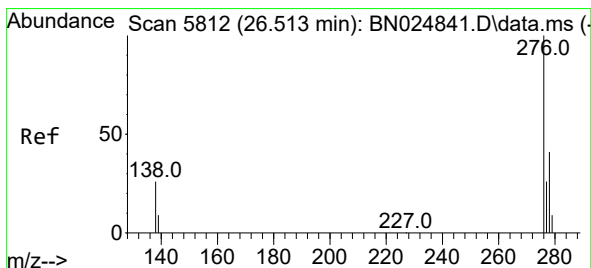
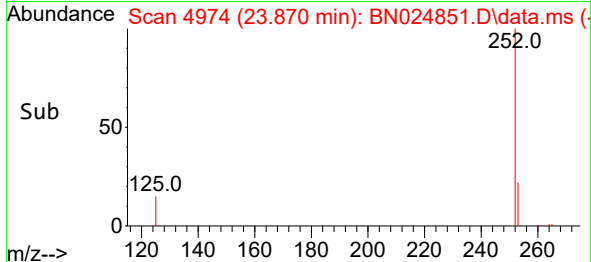
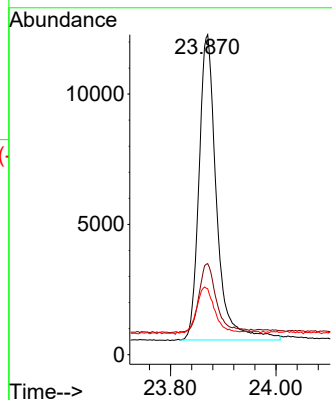
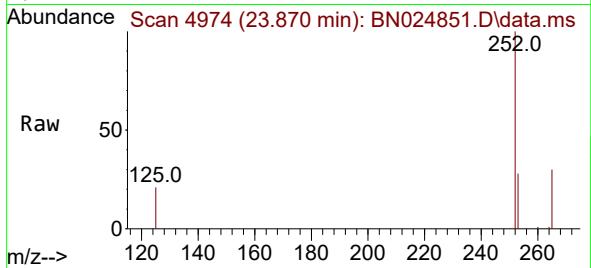




#26
Benzo(a)pyrene
Concen: 0.313 ng/ul
RT: 23.870 min Scan# 4974
Delta R.T. 0.001 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

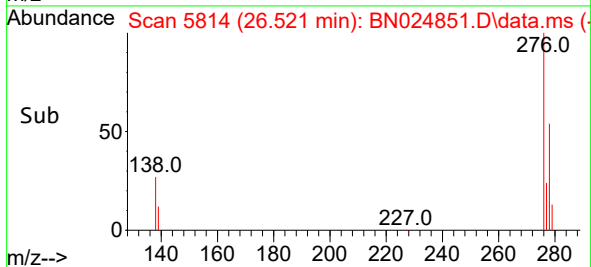
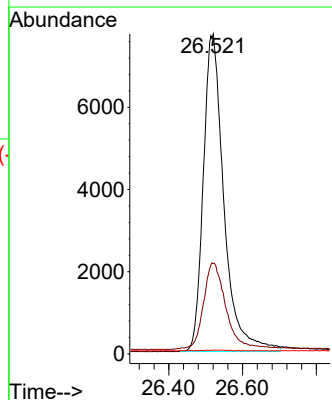
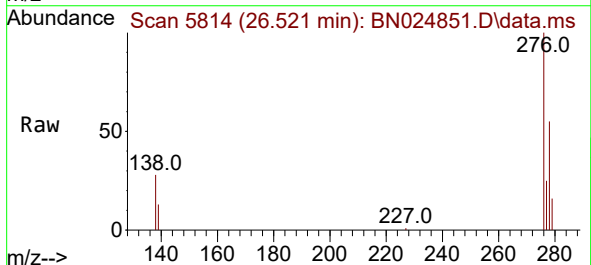
Instrument :
BNA_N
ClientSampleId :
SLCS043

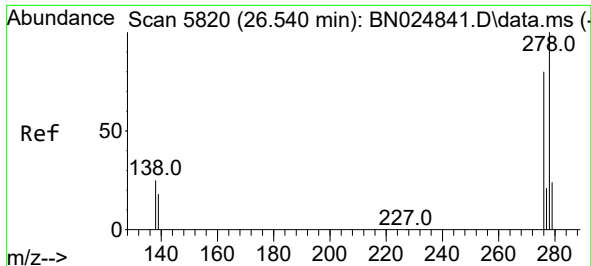
Tgt Ion:252 Resp: 26987
Ion Ratio Lower Upper
252 100
253 28.5 20.7 31.1
125 20.6 15.9 23.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng/ul
RT: 26.521 min Scan# 5814
Delta R.T. 0.008 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

Tgt Ion:276 Resp: 30001
Ion Ratio Lower Upper
276 100
138 28.1 24.2 36.2
227 0.1 0.0 0.0#

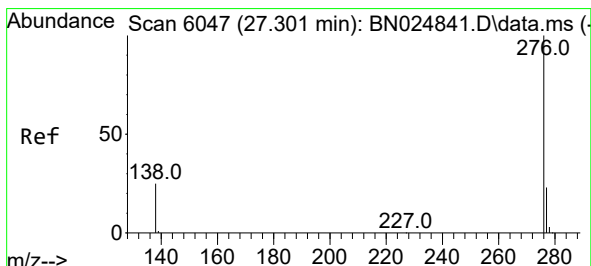
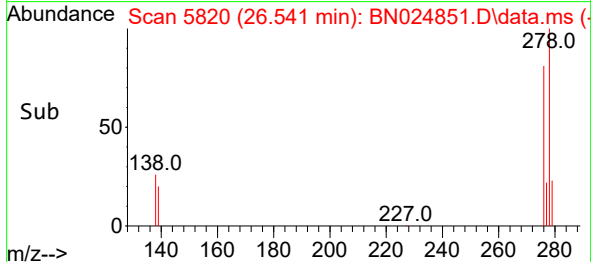
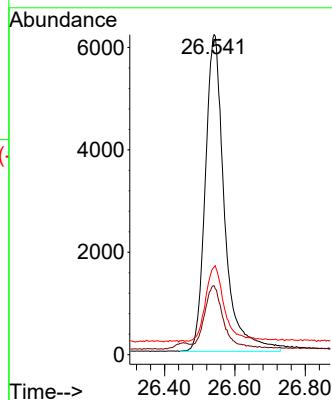
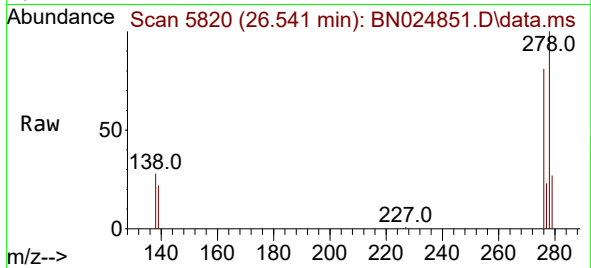




#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. 0.001 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

Instrument :
BNA_N
ClientSampleId :
SLCS043

Tgt Ion:278 Resp: 23389
Ion Ratio Lower Upper
278 100
139 21.6 16.4 24.6
279 27.4 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 27.299 min Scan# 6046
Delta R.T. -0.002 min
Lab File: BN024851.D
Acq: 12 Apr 2023 17:02

Tgt Ion:276 Resp: 25856
Ion Ratio Lower Upper
276 100
138 26.9 21.0 31.4
277 24.1 19.7 29.5

