

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041223\
 Data File : BN024852.D
 Acq On : 12 Apr 2023 17:40
 Operator : CG/JU
 Sample : PB152056BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS056

Quant Time: Apr 13 02:48:32 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

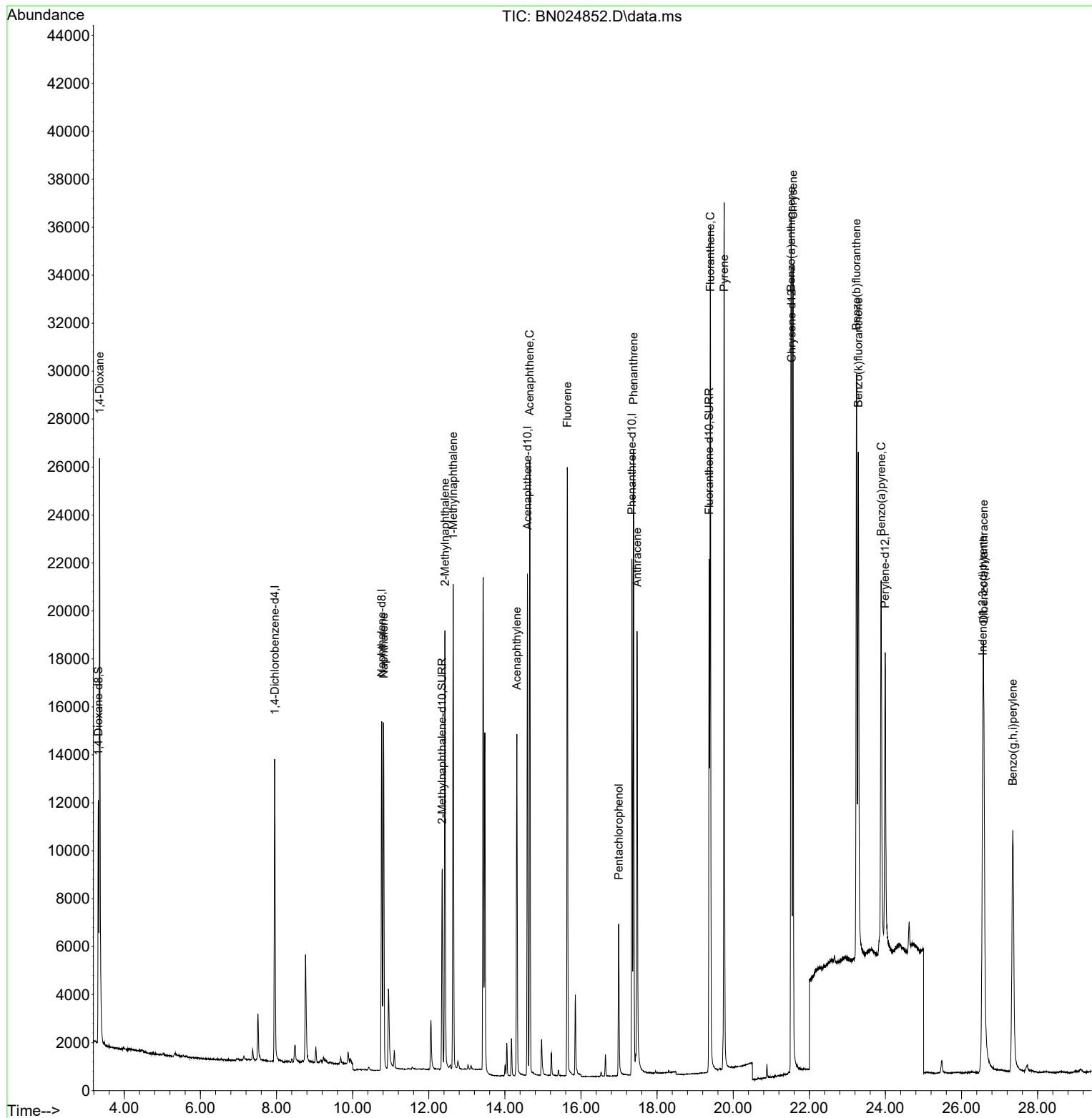
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	6912	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	19227	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	11148	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	24350	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	19920	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	17306	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6022	0.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	11079	0.449	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	23204	0.469	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	15773	1.897	ng/ul	95
5) Naphthalene	10.814	128	20512	0.419	ng/ul	100
7) 2-Methylnaphthalene	12.425	142	13336	0.438	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	13996	0.433	ng/ul	99
10) Acenaphthylene	14.316	152	17066	0.408	ng/ul	99
11) Acenaphthene	14.653	153	14892	0.416	ng/ul	100
12) Fluorene	15.643	166	16595	0.413	ng/ul	97
14) Pentachlorophenol	16.992	266	4457	0.858	ng/ul	99
15) Phenanthrene	17.381	178	27448	0.400	ng/ul	99
16) Anthracene	17.473	178	22424	0.393	ng/ul	99
19) Fluoranthene	19.400	202	30959	0.451	ng/ul	99
20) Pyrene	19.763	202	31589	0.449	ng/ul	98
21) Benzo(a)anthracene	21.520	228	27723	0.441	ng/ul	99
22) Chrysene	21.573	228	30846	0.453	ng/ul	100
24) Benzo(b)fluoranthene	23.242	252	31679	0.456	ng/ul	99
25) Benzo(k)fluoranthene	23.288	252	30463	0.450	ng/ul	98
26) Benzo(a)pyrene	23.888	252	25381	0.441	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.561	276	28682	0.422	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.581	278	22055	0.413	ng/ul	97
29) Benzo(g,h,i)perylene	27.349	276	23820	0.415	ng/ul	99

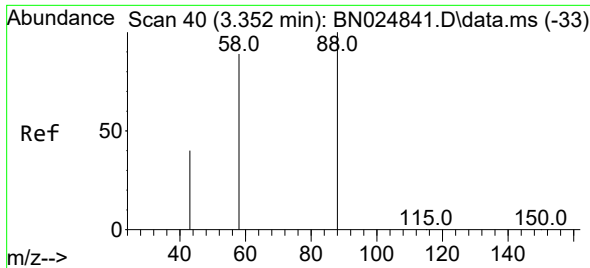
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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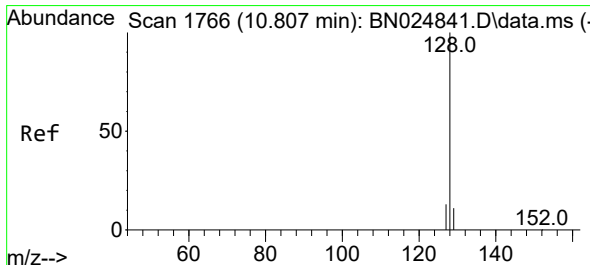
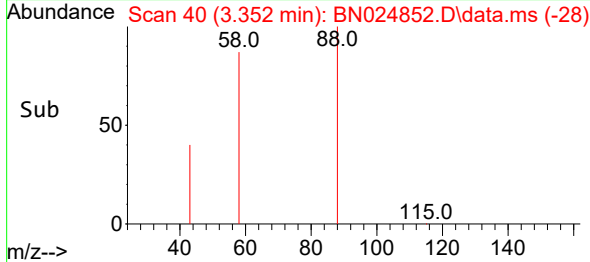
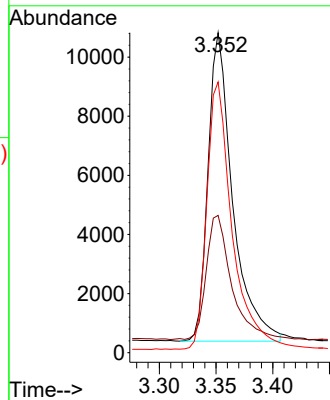
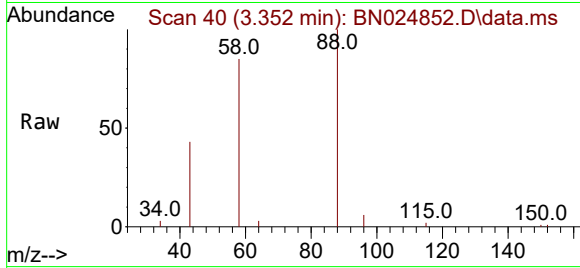




#2
 1,4-Dioxane
 Concen: 1.897 ng/ul
 RT: 3.352 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BN024852.D
 Acq: 12 Apr 2023 17:40

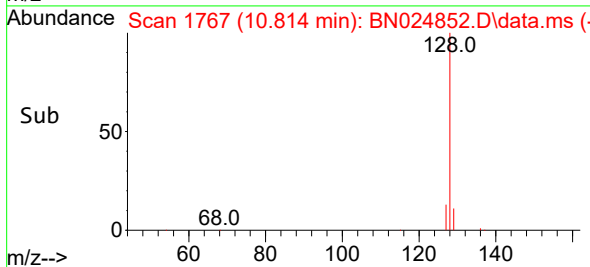
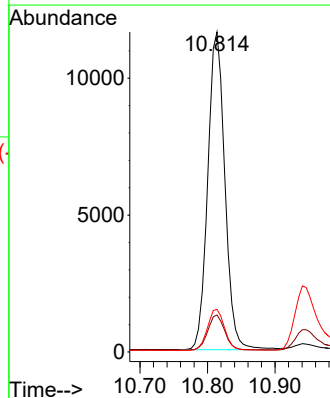
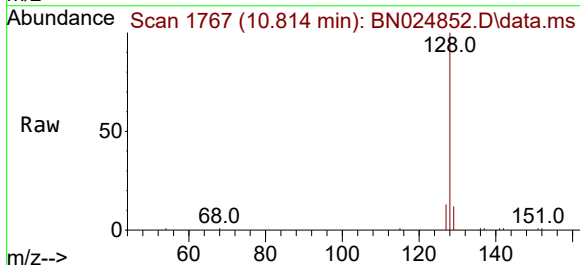
Instrument :
 BNA_N
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 SLCS056

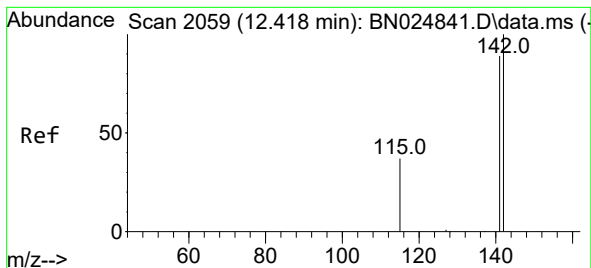
Tgt Ion: 88 Resp: 15773
 Ion Ratio Lower Upper
 88 100
 43 42.9 39.1 58.7
 58 84.6 65.7 98.5



#5
 Naphthalene
 Concen: 0.419 ng/ul
 RT: 10.814 min Scan# 1767
 Delta R.T. 0.007 min
 Lab File: BN024852.D
 Acq: 12 Apr 2023 17:40

Tgt Ion: 128 Resp: 20512
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.1 13.7
 127 13.3 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.438 ng/ul

RT: 12.425 min Scan# 2059

Delta R.T. 0.007 min

Lab File: BN024852.D

Acq: 12 Apr 2023 17:40

Instrument :

BNA_N

ClientSampleId :

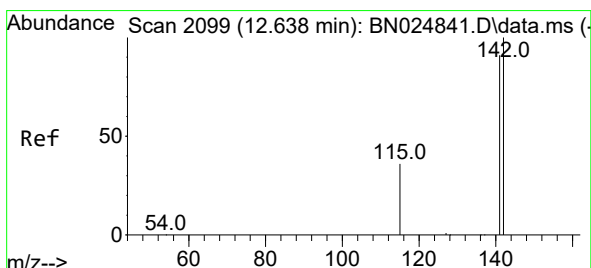
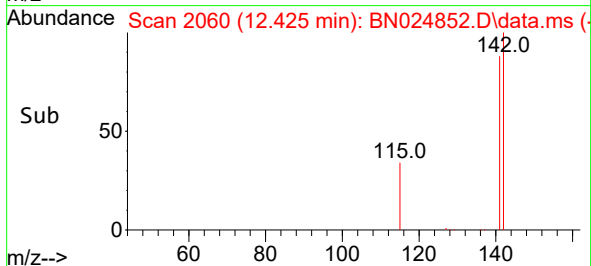
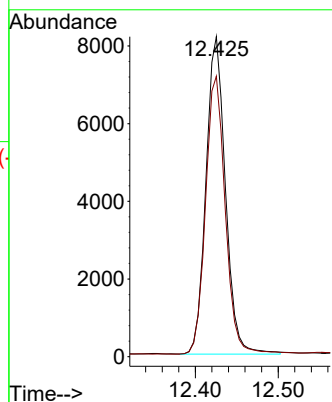
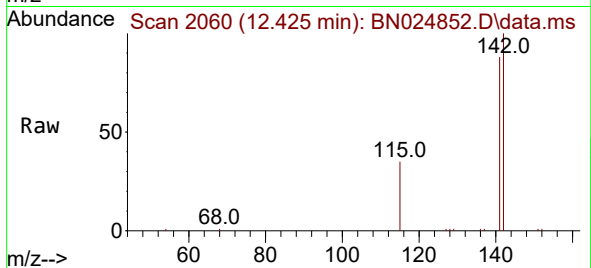
SLCS056

Tgt Ion:142 Resp: 13336

Ion Ratio Lower Upper

142 100

141 88.7 70.7 106.1



#8

1-Methylnaphthalene

Concen: 0.433 ng/ul

RT: 12.640 min Scan# 2099

Delta R.T. 0.002 min

Lab File: BN024852.D

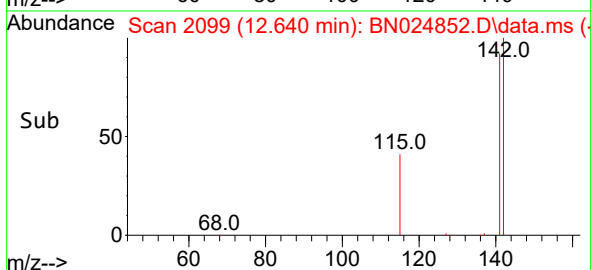
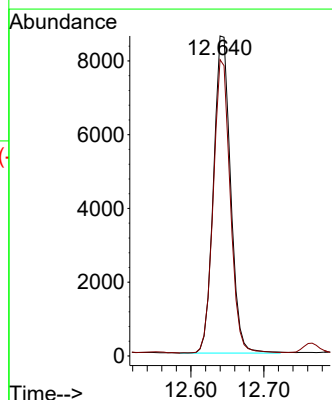
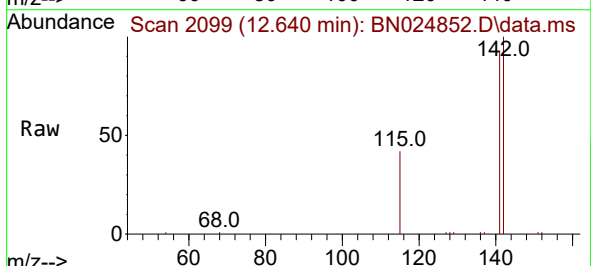
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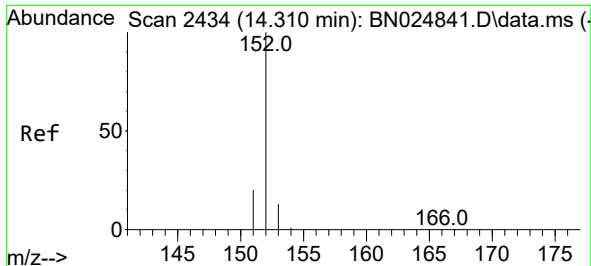
Tgt Ion:142 Resp: 13996

Ion Ratio Lower Upper

142 100

141 91.8 74.0 111.0

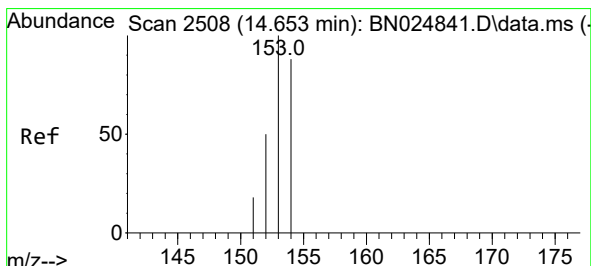
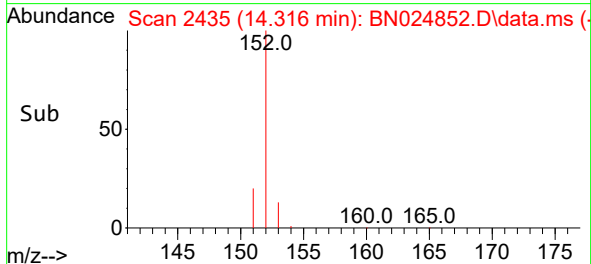
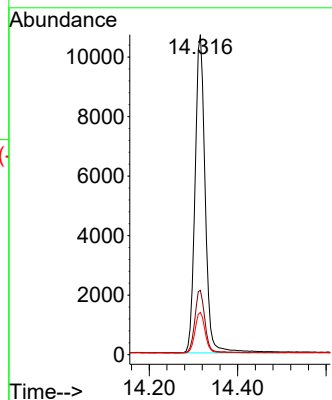
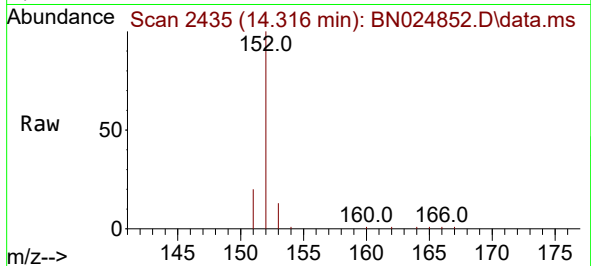




#10
Acenaphthylene
Concen: 0.408 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. 0.005 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

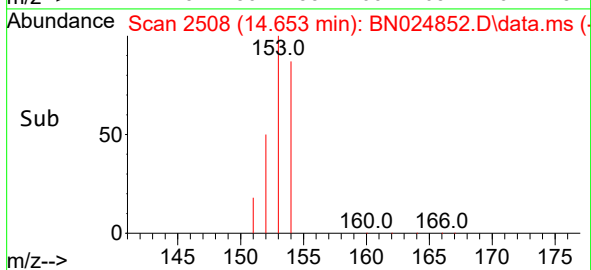
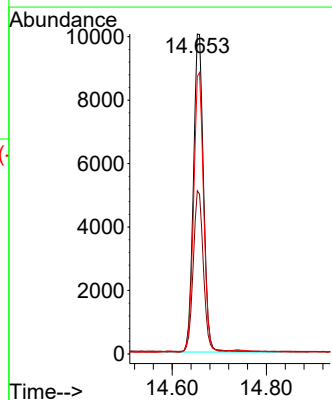
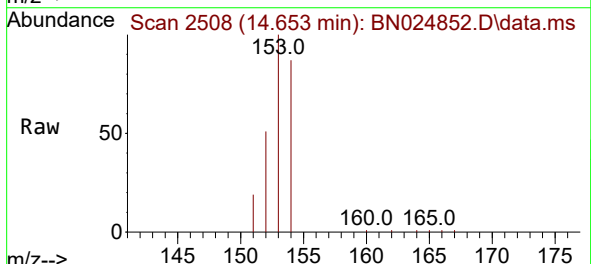
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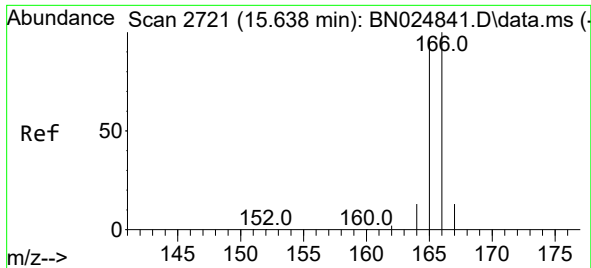
Tgt Ion:152 Resp: 17066
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.2 10.6 16.0



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.653 min Scan# 2508
Delta R.T. 0.001 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

Tgt Ion:153 Resp: 14892
Ion Ratio Lower Upper
153 100
152 51.0 40.7 61.1
154 86.7 69.4 104.2

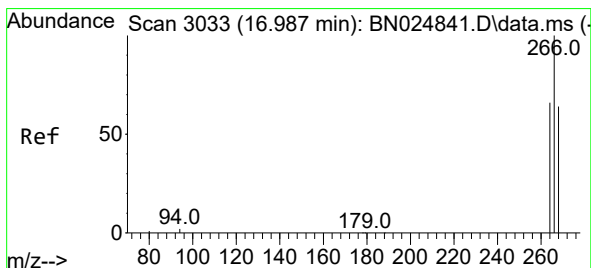
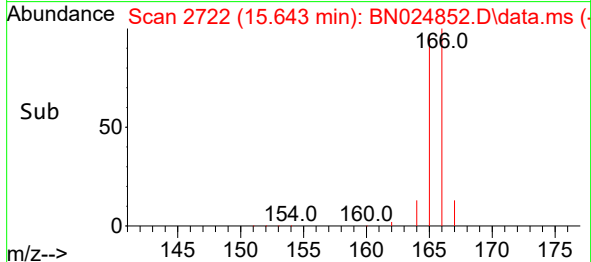
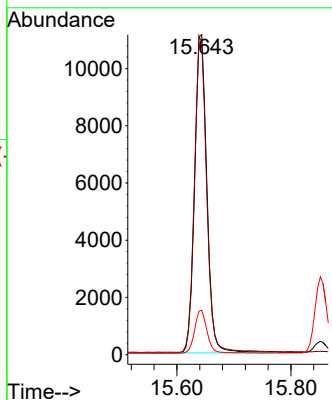
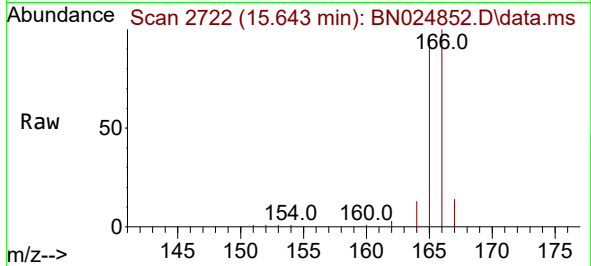




#12
 Fluorene
 Concen: 0.413 ng/ul
 RT: 15.643 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN024852.D
 Acq: 12 Apr 2023 17:40

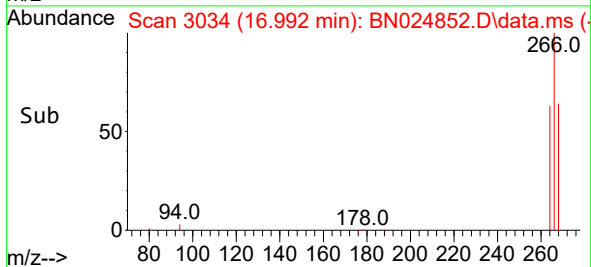
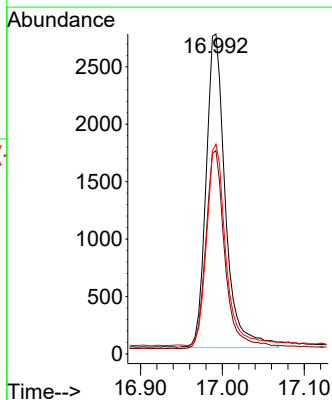
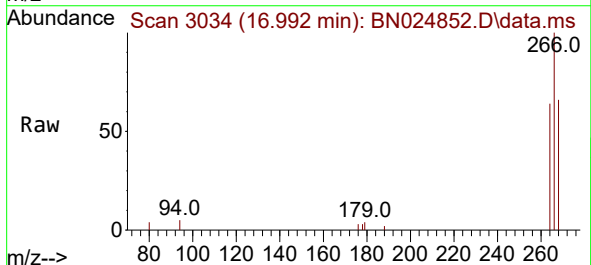
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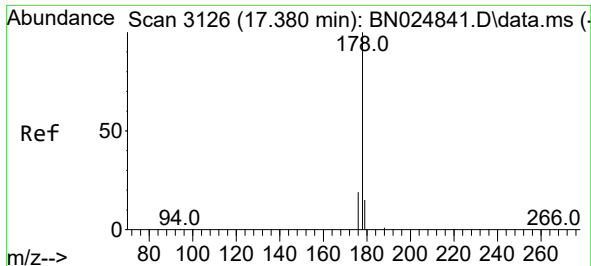
Tgt Ion:166 Resp: 16595
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.1 120.1
 167 13.9 10.7 16.1



#14
 Pentachlorophenol
 Concen: 0.858 ng/ul
 RT: 16.992 min Scan# 3034
 Delta R.T. 0.005 min
 Lab File: BN024852.D
 Acq: 12 Apr 2023 17:40

Tgt Ion:266 Resp: 4457
 Ion Ratio Lower Upper
 266 100
 264 62.9 51.2 76.8
 268 63.7 51.4 77.2

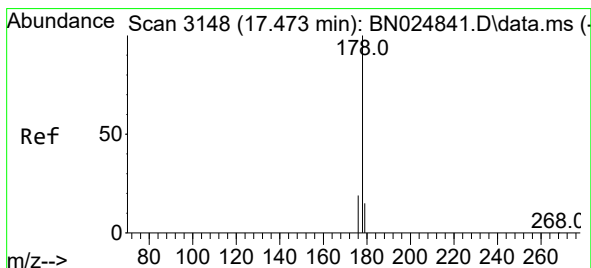
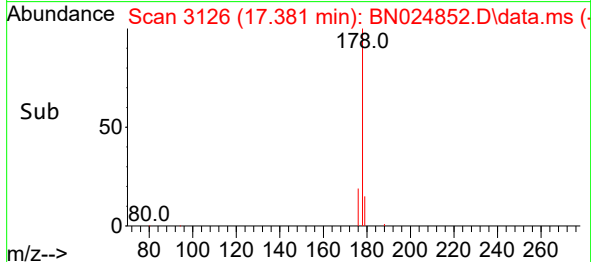
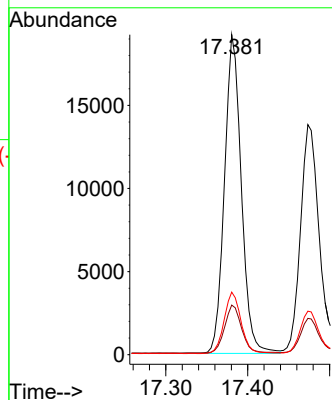
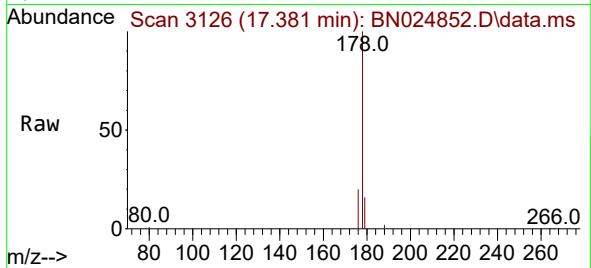




#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

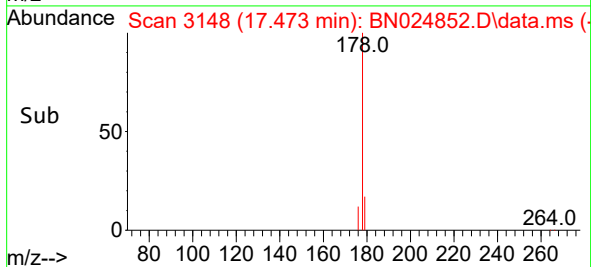
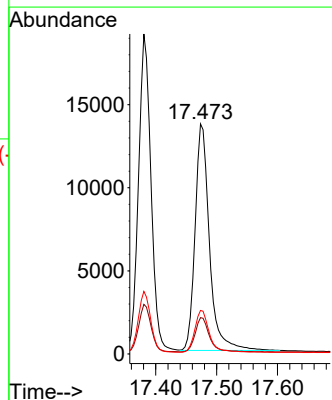
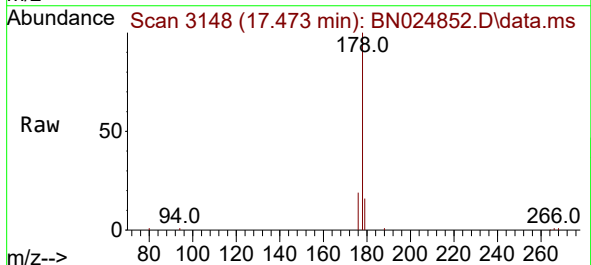
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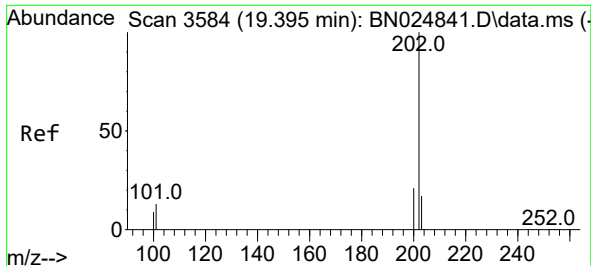
Tgt Ion:178 Resp: 27448
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.6 15.4 23.0



#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. 0.001 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

Tgt Ion:178 Resp: 22424
Ion Ratio Lower Upper
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179 15.8 12.4 18.6
176 18.9 14.7 22.1

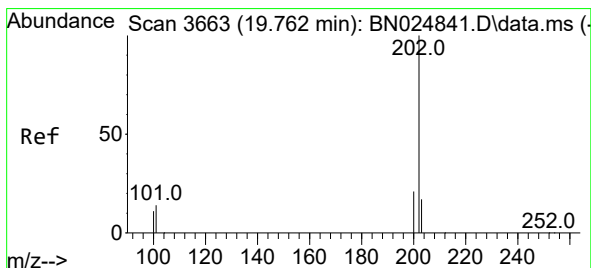
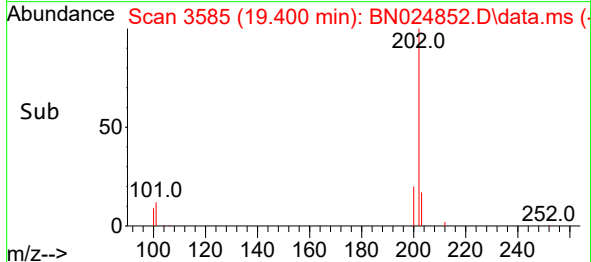
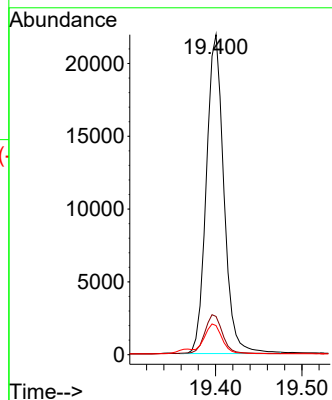
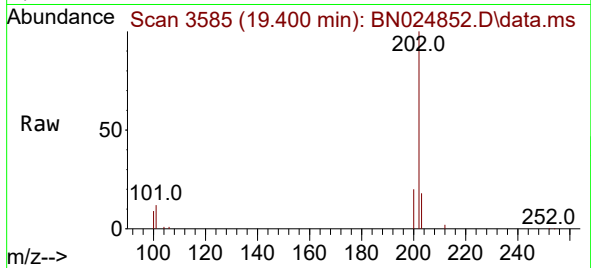




#19
Fluoranthene
Concen: 0.451 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. 0.006 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

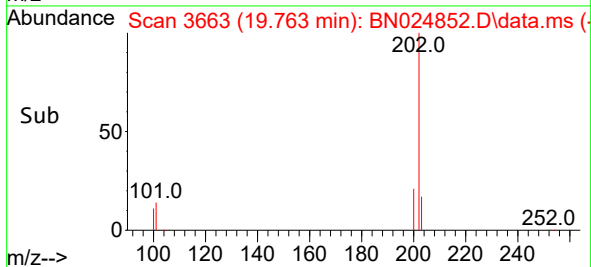
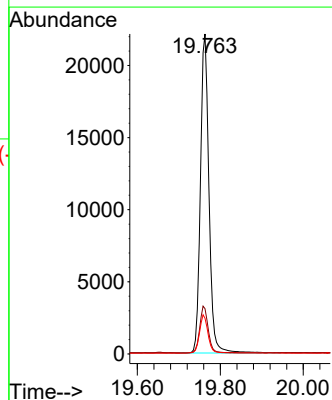
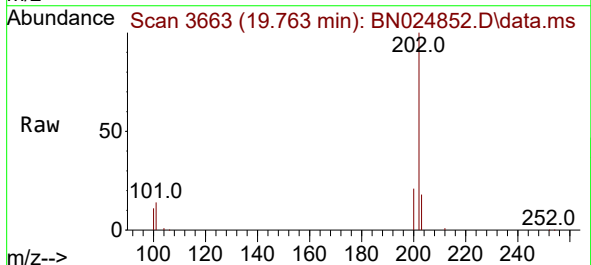
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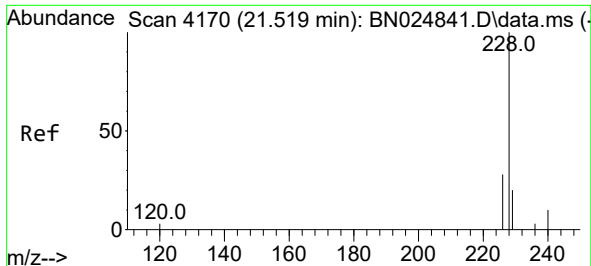
Tgt Ion:202 Resp: 30959
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 9.1 7.5 11.3



#20
Pyrene
Concen: 0.449 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

Tgt Ion:202 Resp: 31589
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.8
100 11.1 9.5 14.3

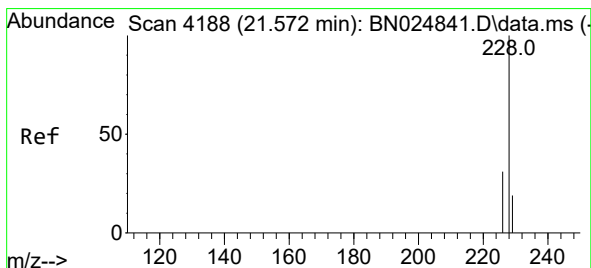
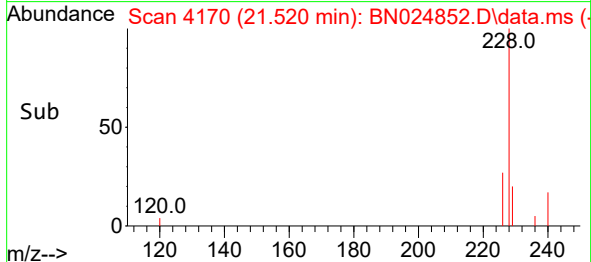
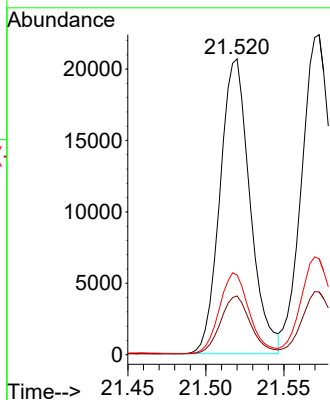
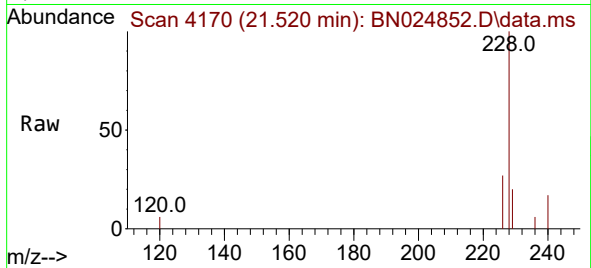




#21
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. 0.001 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

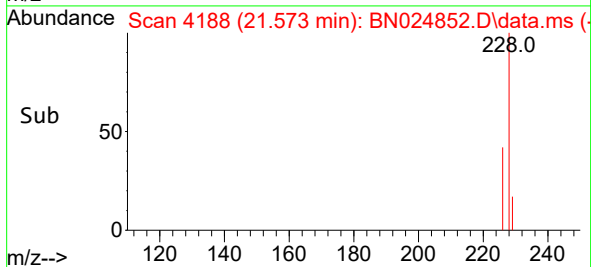
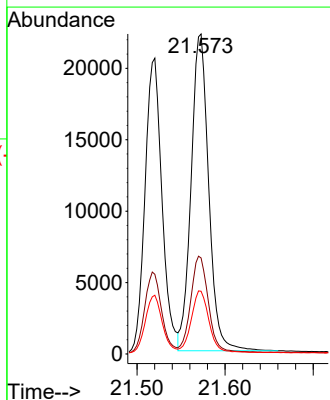
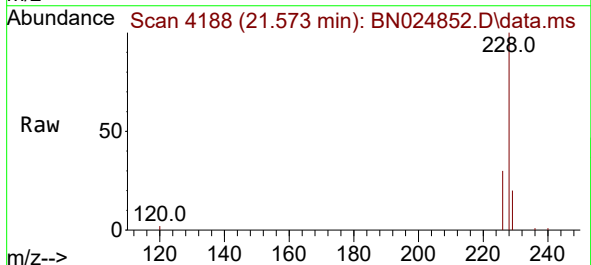
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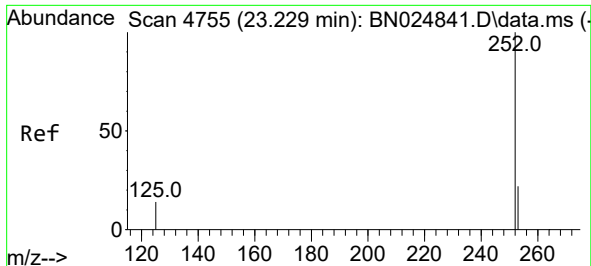
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Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 26.9 22.2 33.2



#22
Chrysene
Concen: 0.453 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. 0.001 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

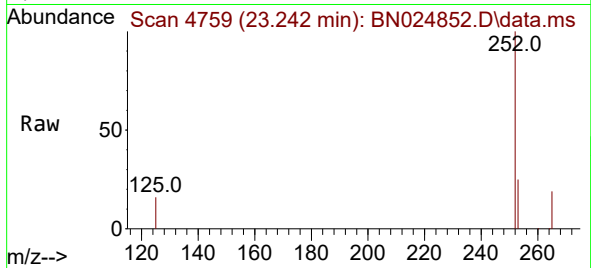
Tgt Ion:228 Resp: 30846
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.6 15.7 23.5



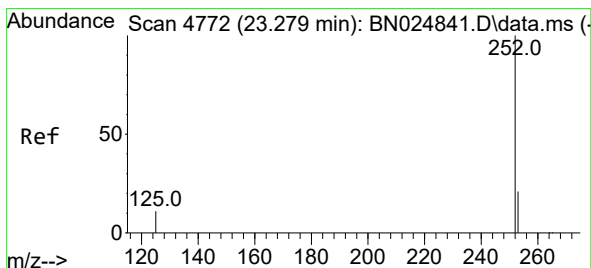
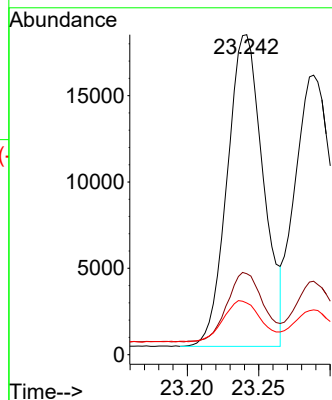


#24
Benzo(b)fluoranthene
Concen: 0.456 ng/ul
RT: 23.242 min Scan# 4759
Delta R.T. 0.013 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

Instrument :
BNA_N
ClientSampleId :
SLCS056

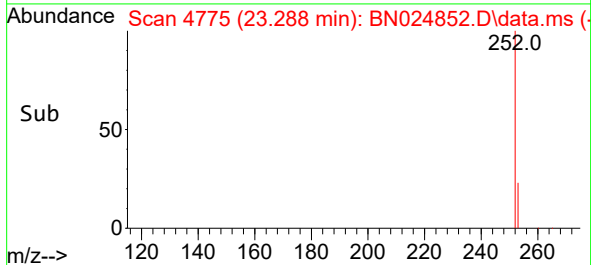
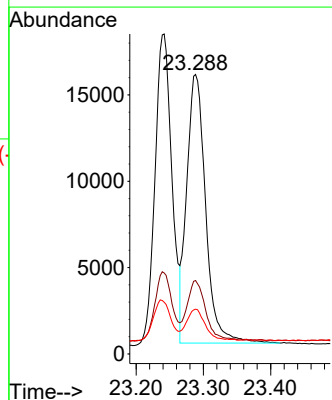
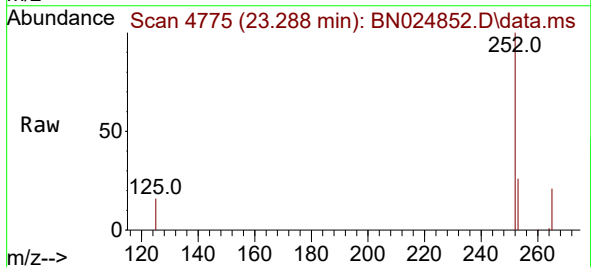


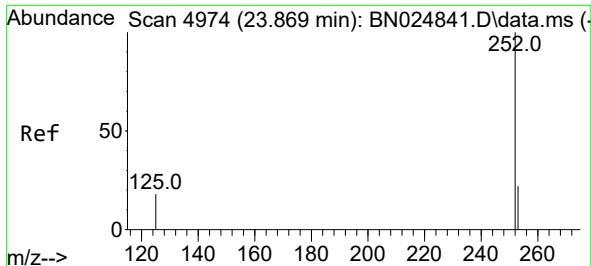
Tgt Ion:252 Resp: 31679
Ion Ratio Lower Upper
252 100
253 25.3 0.0 49.4
125 16.2 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.450 ng/ul
RT: 23.288 min Scan# 4775
Delta R.T. 0.010 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

Tgt Ion:252 Resp: 30463
Ion Ratio Lower Upper
252 100
253 26.3 20.1 30.1
125 16.0 12.2 18.2

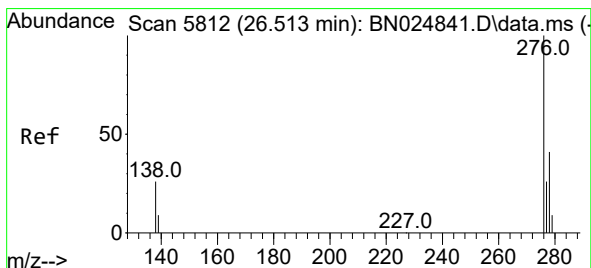
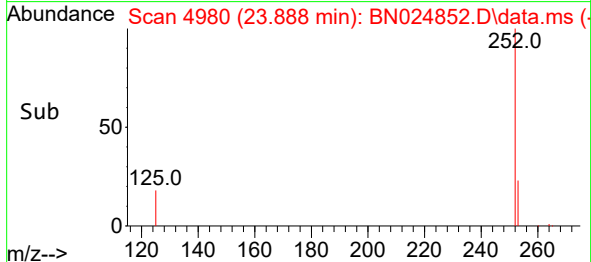
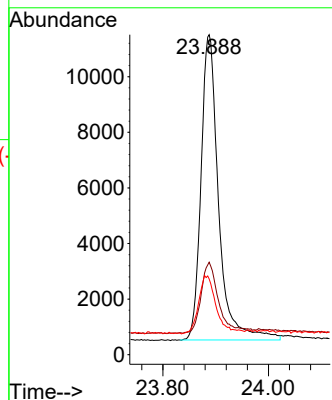
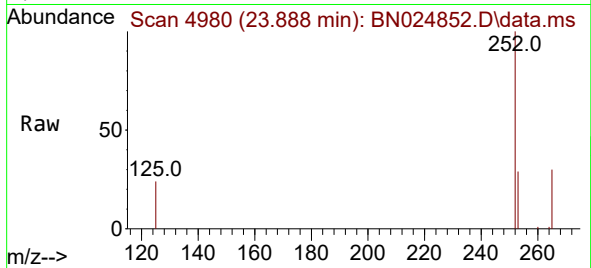




#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. 0.019 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

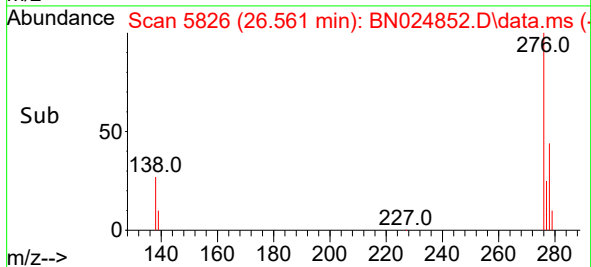
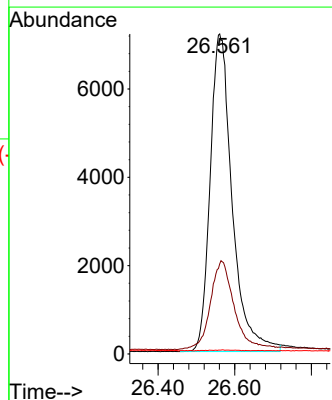
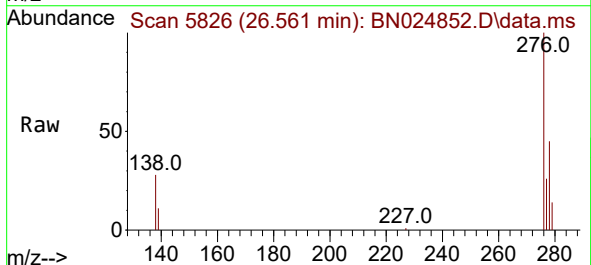
Instrument :
BNA_N
ClientSampleId :
SLCS056

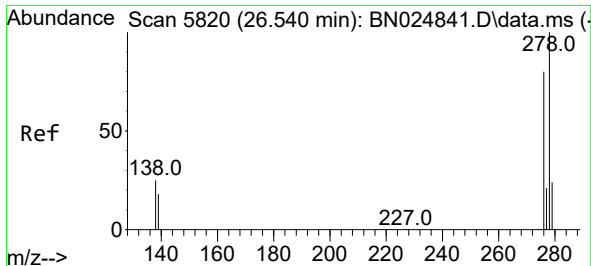
Tgt Ion:252 Resp: 25381
Ion Ratio Lower Upper
252 100
253 28.9 20.7 31.1
125 23.6 15.9 23.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.561 min Scan# 5826
Delta R.T. 0.048 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

Tgt Ion:276 Resp: 28682
Ion Ratio Lower Upper
276 100
138 30.2 24.2 36.2
227 0.1 0.0 0.0#

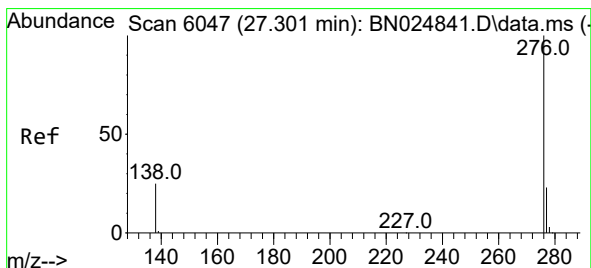
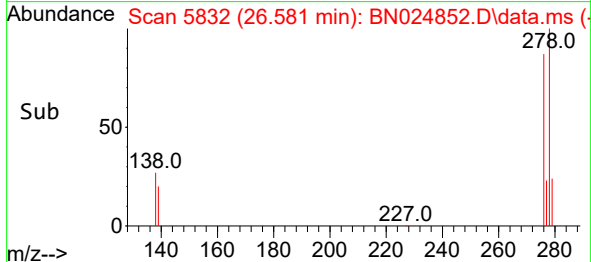
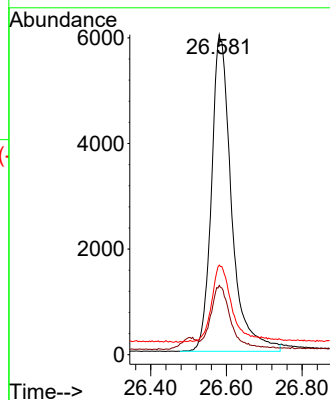
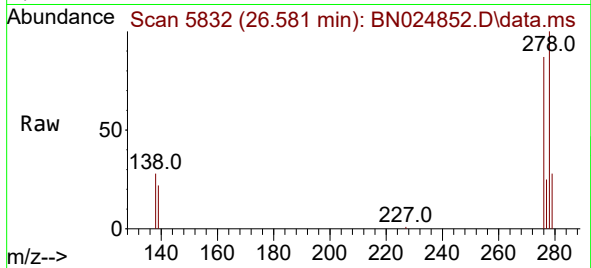




#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 26.581 min Scan# 51
Delta R.T. 0.041 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

Instrument :
BNA_N
ClientSampleId :
SLCS056

Tgt Ion:278 Resp: 22055
Ion Ratio Lower Upper
278 100
139 21.6 16.4 24.6
279 28.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 27.349 min Scan# 6061
Delta R.T. 0.048 min
Lab File: BN024852.D
Acq: 12 Apr 2023 17:40

Tgt Ion:276 Resp: 23820
Ion Ratio Lower Upper
276 100
138 27.1 21.0 31.4
277 24.5 19.7 29.5

