

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024710.D
 Acq On : 01 Apr 2023 10:33
 Operator : CG/JU
 Sample : PB151704BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS704

Quant Time: Apr 03 01:36:41 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 01 04:05:52 2023
 Response via : Initial Calibration

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

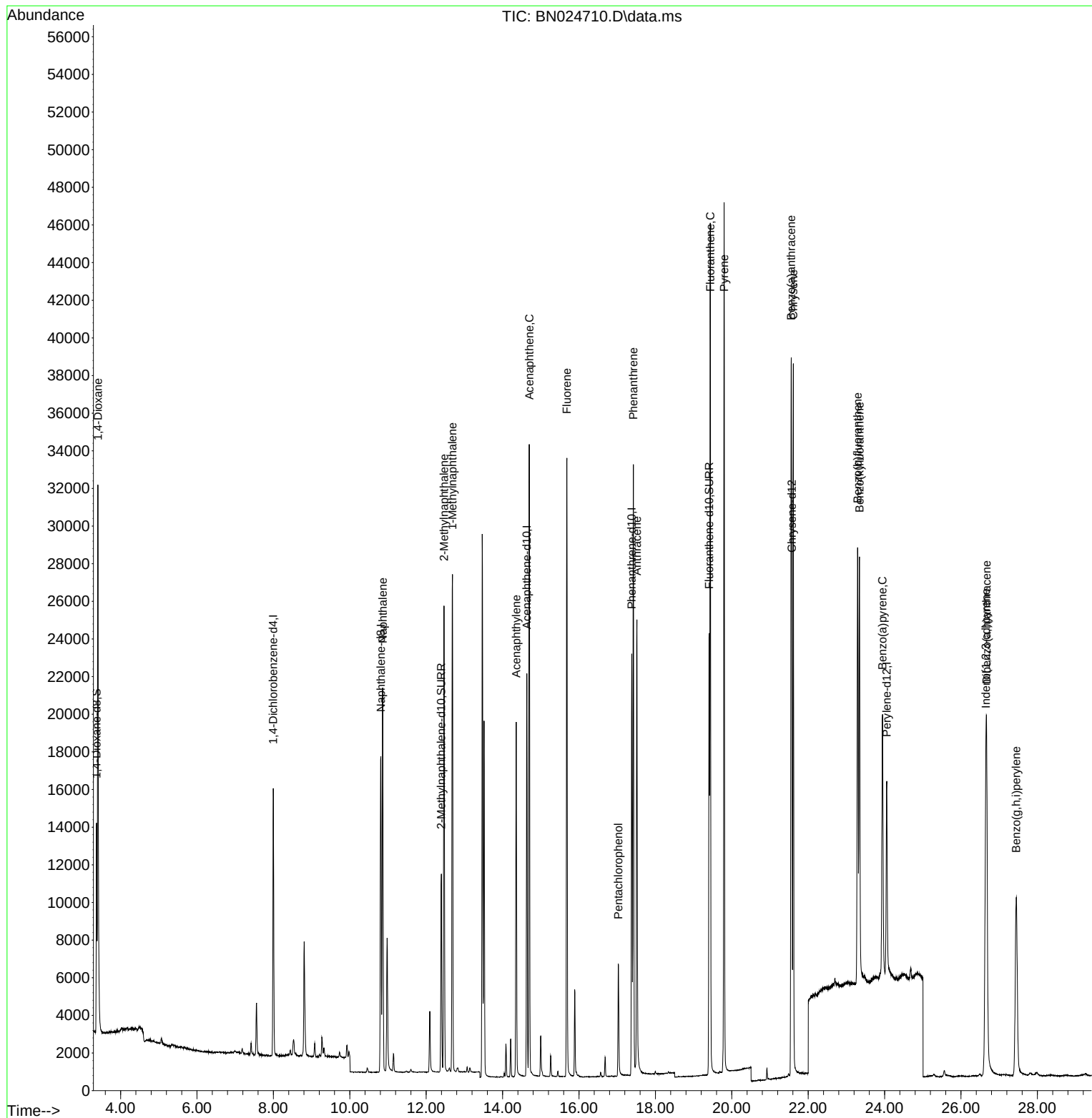
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	7349	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	22238	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	11869	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188	25514	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	18877	0.400	ng/ul	0.00
23) Perylene-d12	24.056	264	14695	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6768	0.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	13350	0.486	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	25708	0.556	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	18425	2.322	ng/ul	92
5) Naphthalene	10.861	128	27933	0.511	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	17210	0.506	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	18123	0.510	ng/ul	100
10) Acenaphthylene	14.356	152	21598	0.515	ng/ul	100
11) Acenaphthene	14.698	153	18945	0.520	ng/ul	100
12) Fluorene	15.684	166	21117	0.508	ng/ul	99
14) Pentachlorophenol	17.029	266	4251	0.771	ng/ul	98
15) Phenanthrene	17.422	178	34632	0.495	ng/ul	99
16) Anthracene	17.515	178	28530	0.488	ng/ul	100
19) Fluoranthene	19.436	202	37551	0.565	ng/ul	100
20) Pyrene	19.799	202	37692	0.557	ng/ul	98
21) Benzo(a)anthracene	21.554	228	31615	0.557	ng/ul	99
22) Chrysene	21.609	228	33415	0.536	ng/ul	99
24) Benzo(b)fluoranthene	23.293	252	31494	0.516	ng/ul	99
25) Benzo(k)fluoranthene	23.343	252	29588	0.504	ng/ul	99
26) Benzo(a)pyrene	23.945	252	24644	0.513	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.649	276	28525	0.499	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.670	278	22460	0.491	ng/ul	100
29) Benzo(g,h,i)perylene	27.448	276	24029	0.488	ng/ul	99

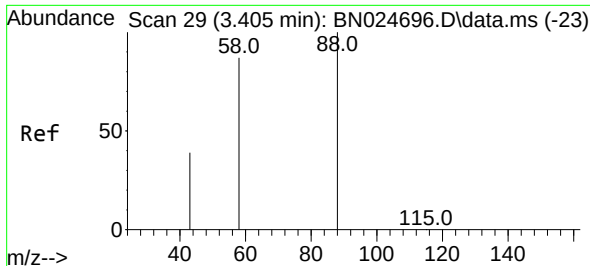
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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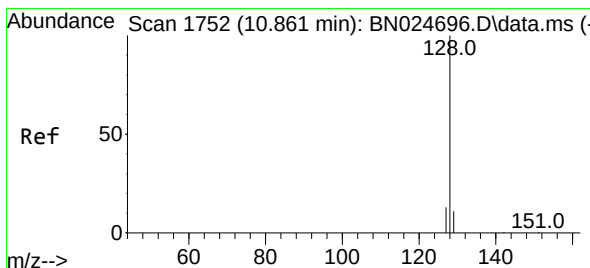
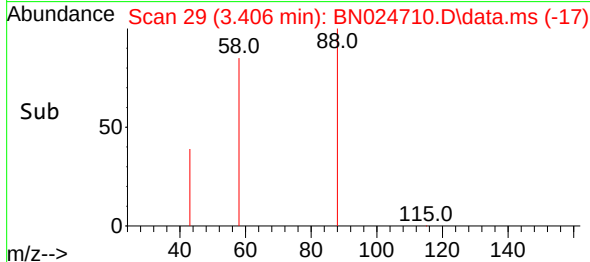
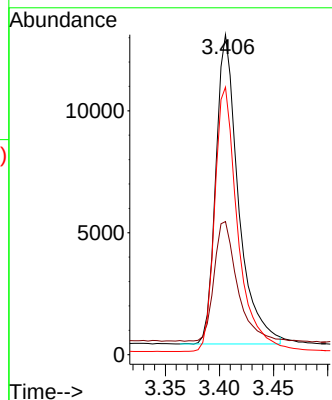
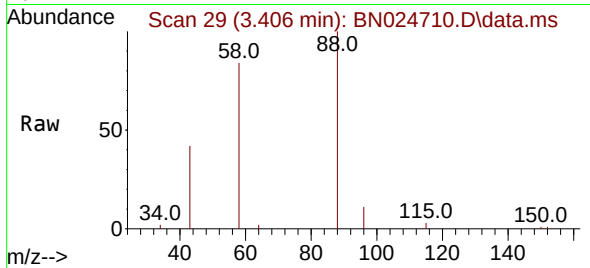




#2
 1,4-Dioxane
 Concen: 2.322 ng/ul
 RT: 3.406 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN024710.D
 Acq: 01 Apr 2023 10:33

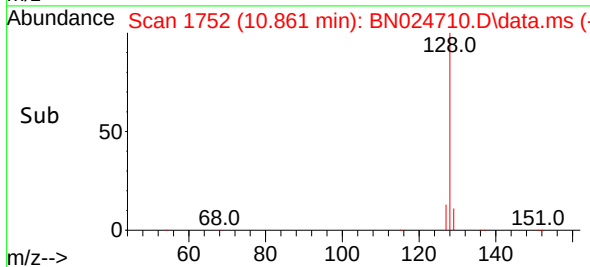
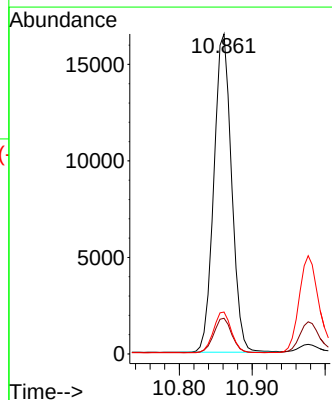
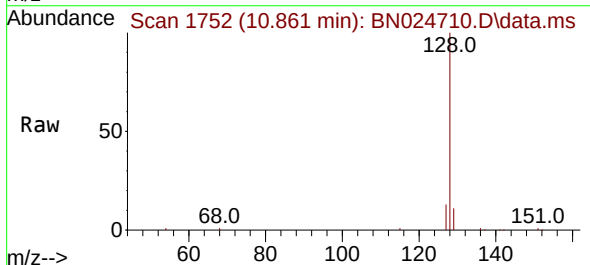
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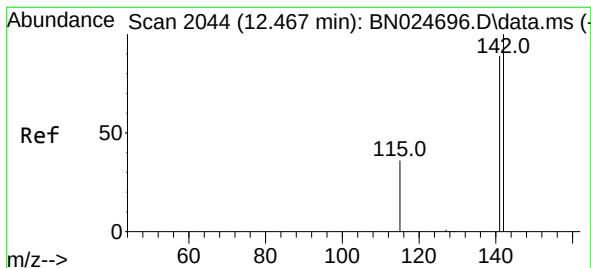
Tgt Ion: 88 Resp: 18425
 Ion Ratio Lower Upper
 88 100
 43 41.6 37.2 55.8
 58 83.6 61.5 92.3



#5
 Naphthalene
 Concen: 0.511 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. 0.000 min
 Lab File: BN024710.D
 Acq: 01 Apr 2023 10:33

Tgt Ion: 128 Resp: 27933
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.0 13.6
 127 13.1 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.506 ng/ul

RT: 12.467 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BN024710.D

Acq: 01 Apr 2023 10:33

Instrument :

BNA_N

ClientSampleId :

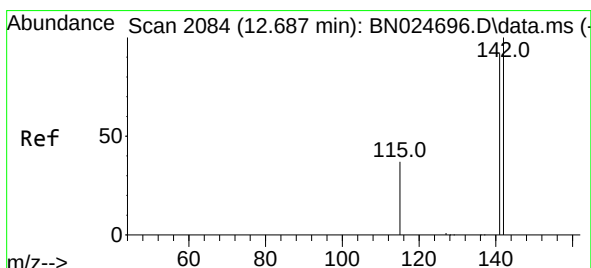
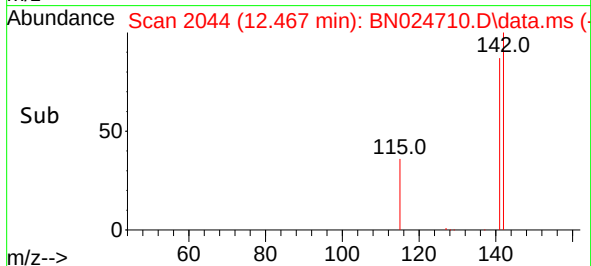
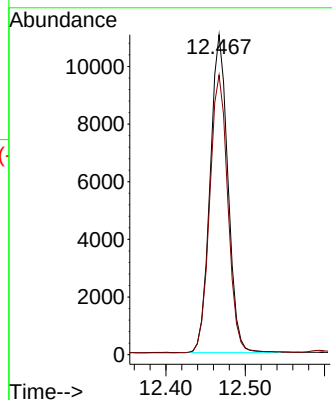
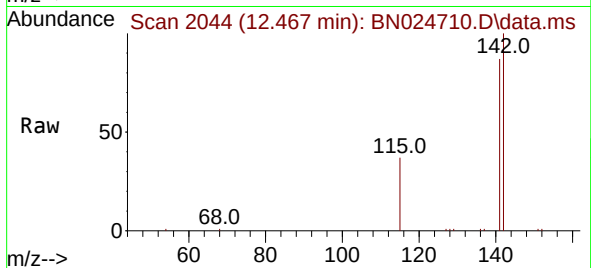
SLCS704

Tgt Ion:142 Resp: 17210

Ion Ratio Lower Upper

142 100

141 89.0 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.510 ng/ul

RT: 12.687 min Scan# 2084

Delta R.T. 0.000 min

Lab File: BN024710.D

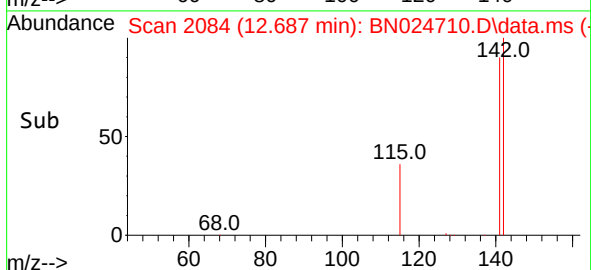
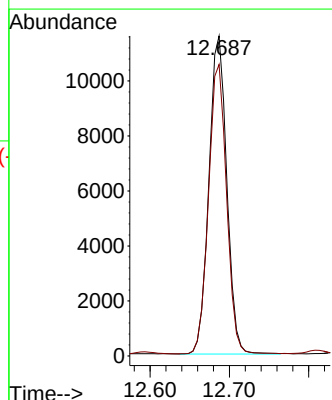
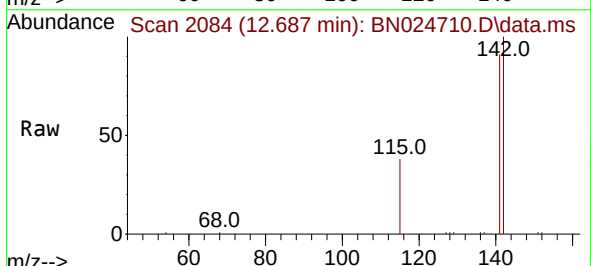
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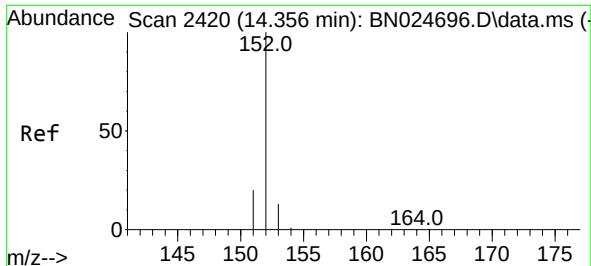
Tgt Ion:142 Resp: 18123

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3

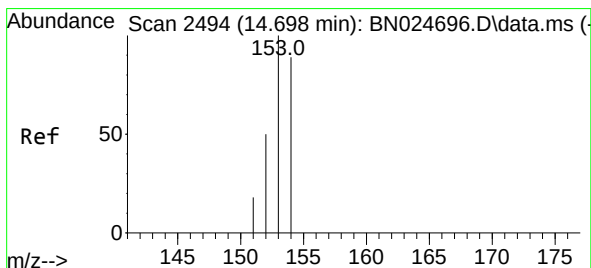
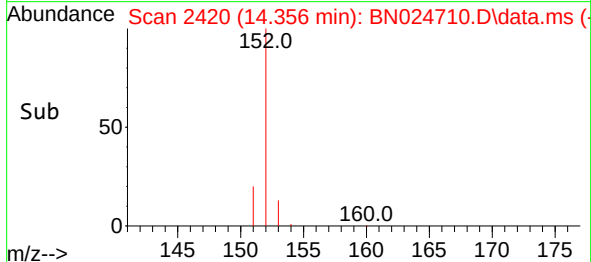
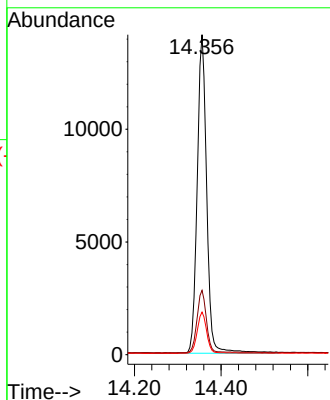
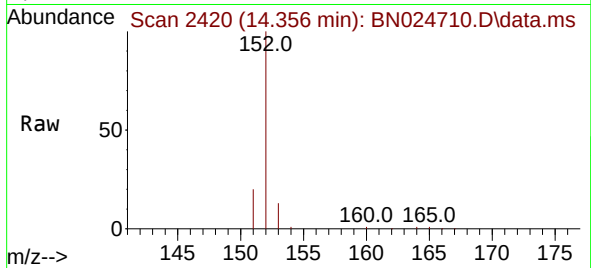




#10
Acenaphthylene
Concen: 0.515 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

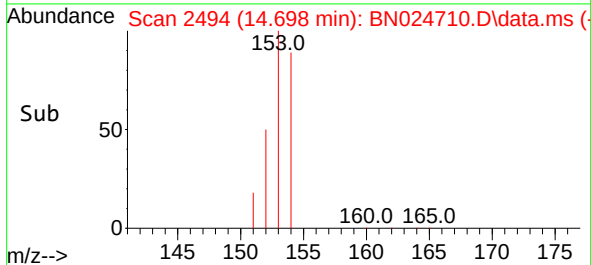
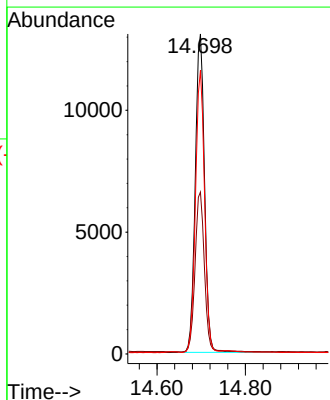
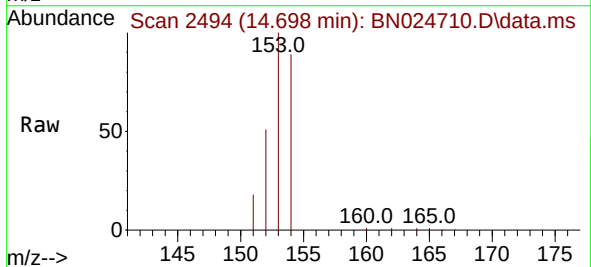
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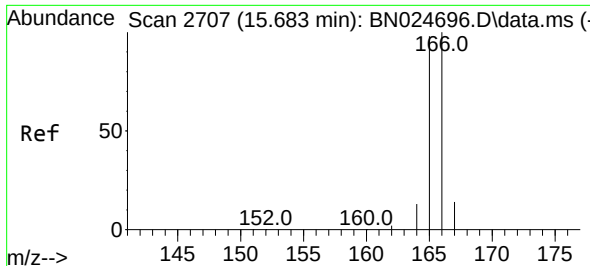
Tgt Ion:152 Resp: 21598
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.520 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

Tgt Ion:153 Resp: 18945
Ion Ratio Lower Upper
153 100
152 50.6 40.3 60.5
154 88.6 71.0 106.4

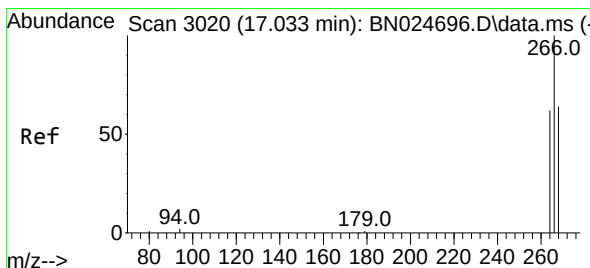
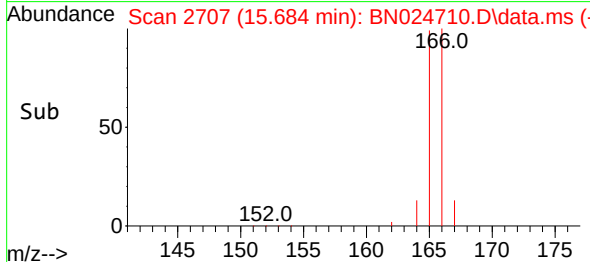
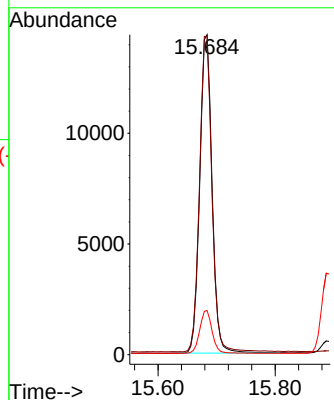
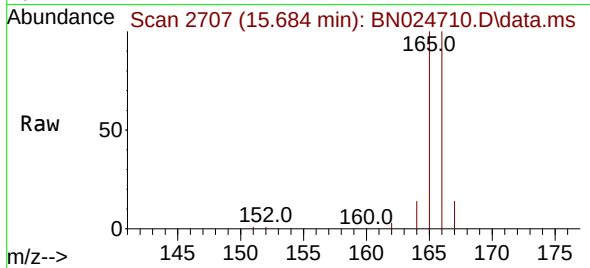




#12
Fluorene
Concen: 0.508 ng/ul
RT: 15.684 min Scan# 21117
Delta R.T. 0.000 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

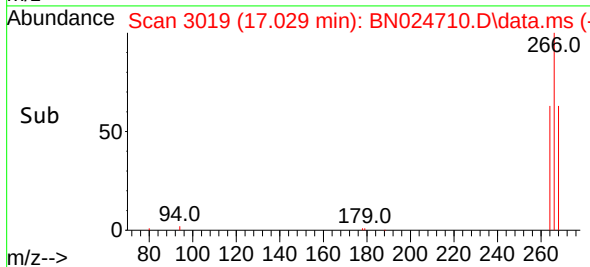
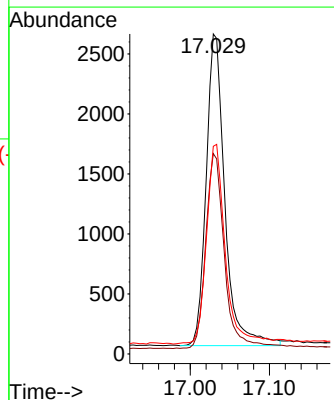
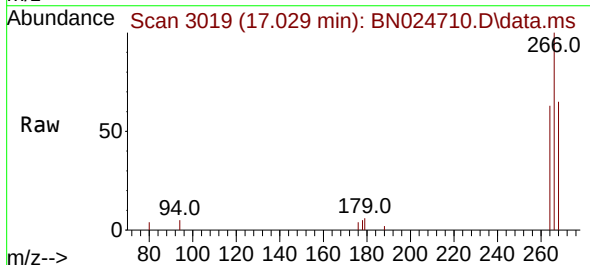
Instrument :
BNA_N
ClientSampleId :
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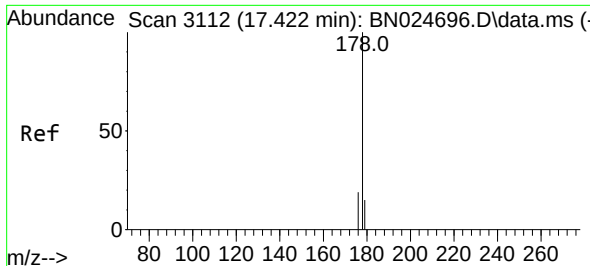
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.0	120.0
167	13.8	10.8	16.2



#14
Pentachlorophenol
Concen: 0.771 ng/ul
RT: 17.029 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.6	74.4
268	64.2	52.6	78.8

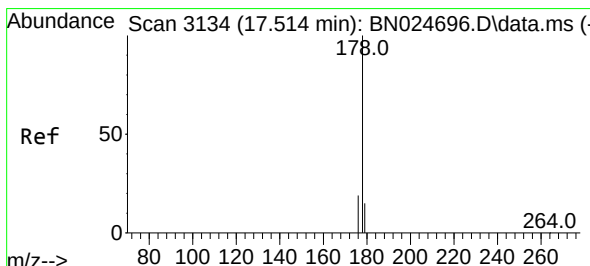
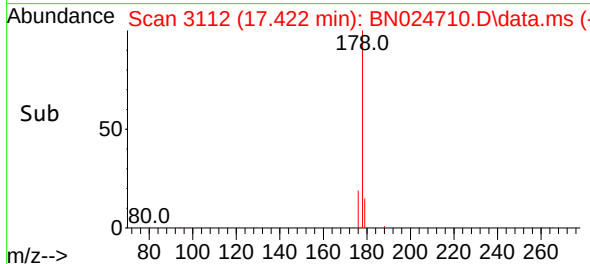
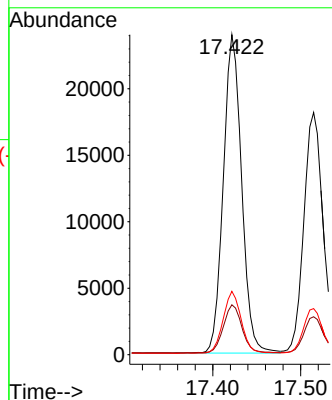
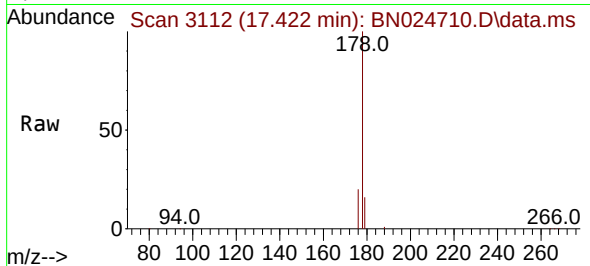




#15
Phenanthrene
Concen: 0.495 ng/u1
RT: 17.422 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

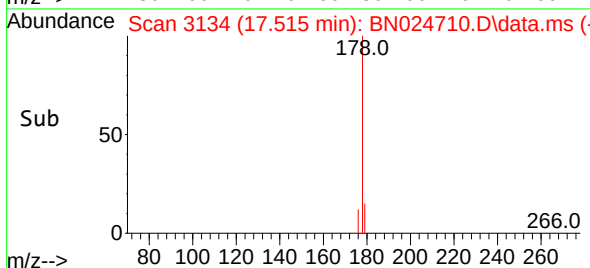
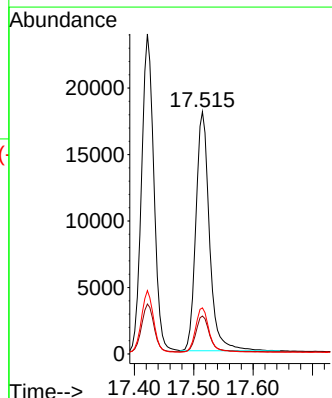
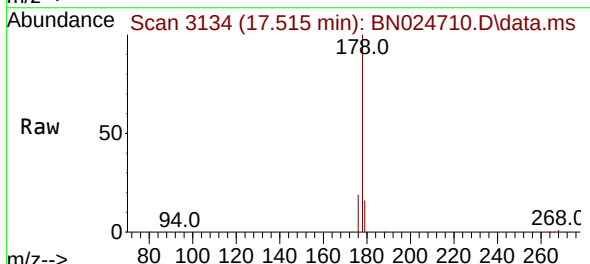
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ClientSampleId :
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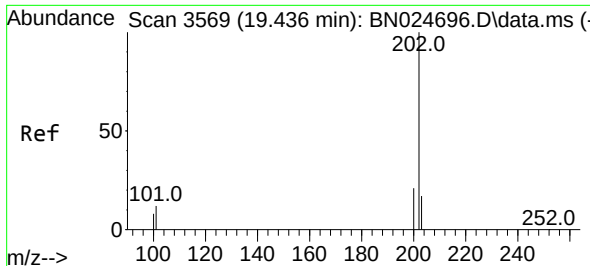
Tgt Ion:178 Resp: 34632
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.8 15.5 23.3



#16
Anthracene
Concen: 0.488 ng/u1
RT: 17.515 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

Tgt Ion:178 Resp: 28530
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.0 15.2 22.8

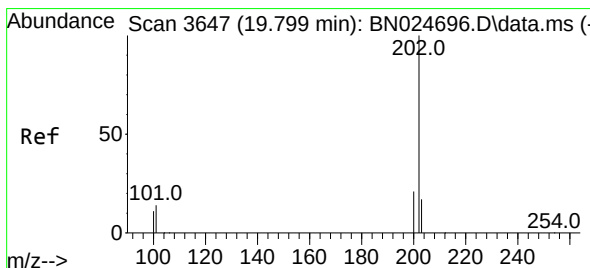
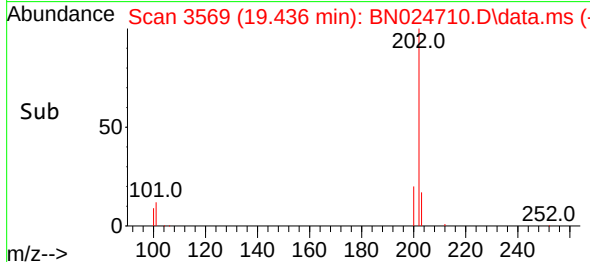
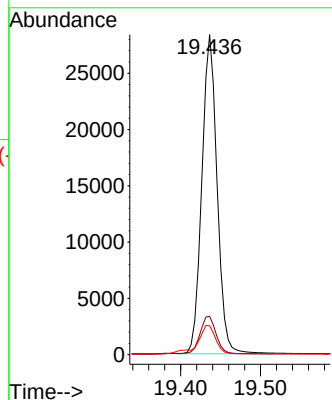
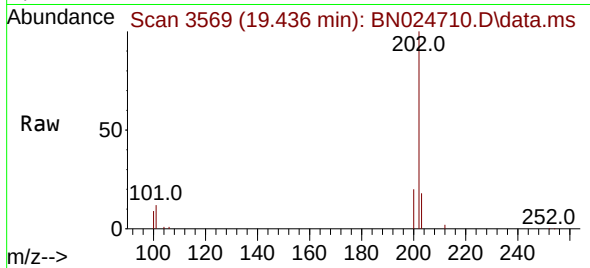




#19
Fluoranthene
Concen: 0.565 ng/u1
RT: 19.436 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

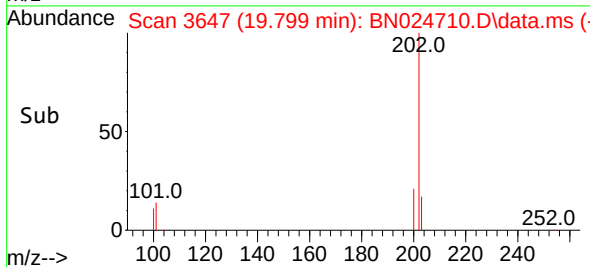
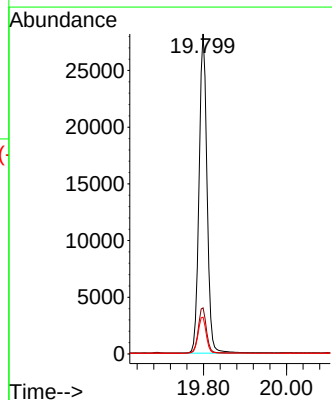
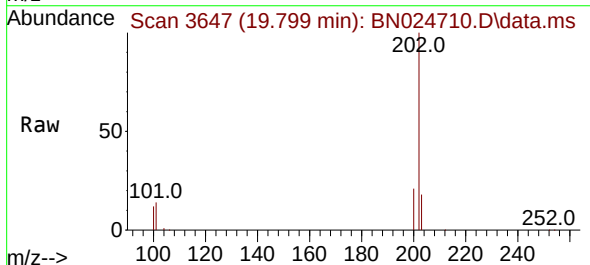
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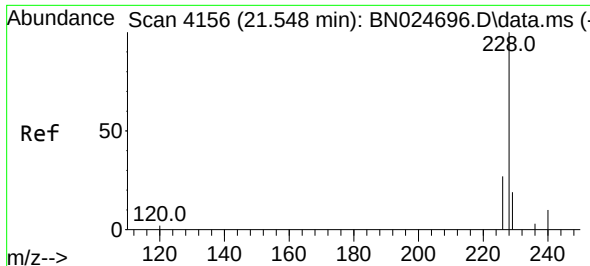
Tgt Ion:202 Resp: 37551
Ion Ratio Lower Upper
202 100
101 12.0 9.6 14.4
100 9.0 7.0 10.6



#20
Pyrene
Concen: 0.557 ng/u1
RT: 19.799 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

Tgt Ion:202 Resp: 37692
Ion Ratio Lower Upper
202 100
101 14.4 10.9 16.3
100 11.5 8.7 13.1

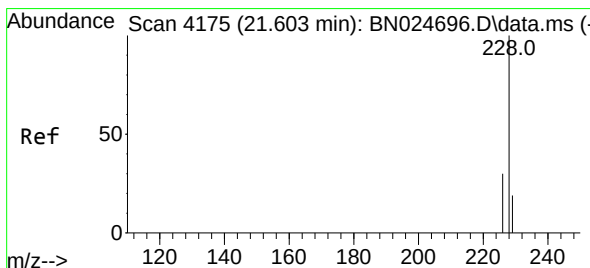
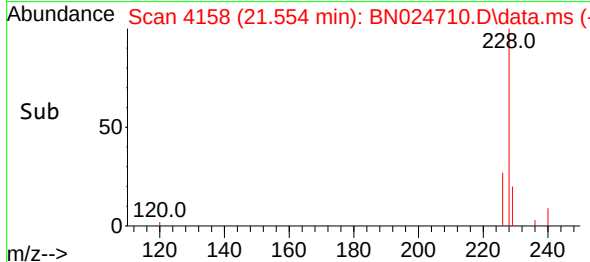
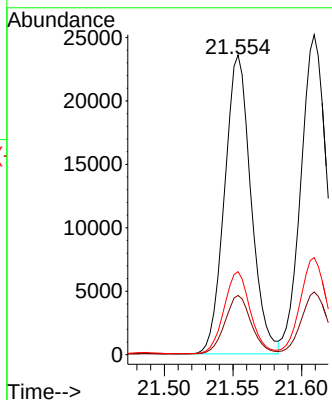
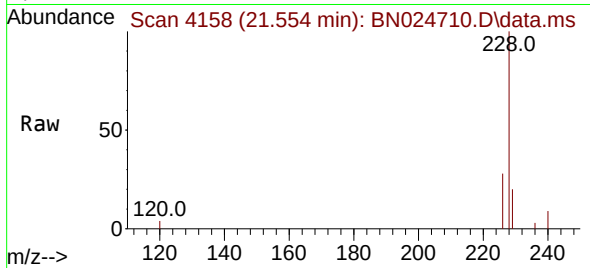




#21
Benzo(a)anthracene
Concen: 0.557 ng/ul
RT: 21.554 min Scan# 4156
Delta R.T. 0.006 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

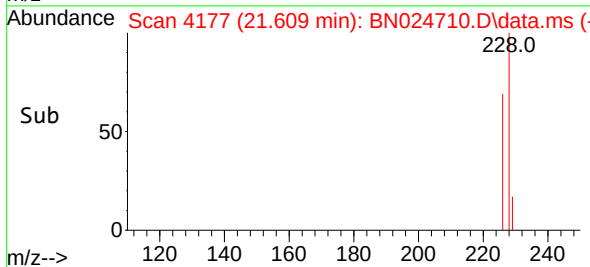
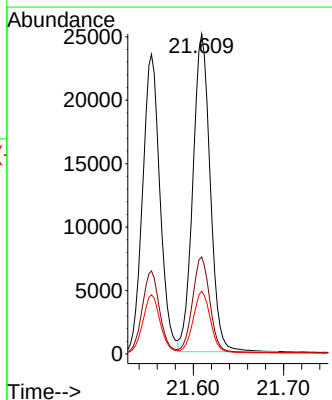
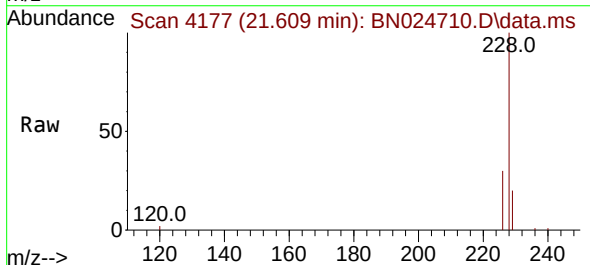
Instrument :
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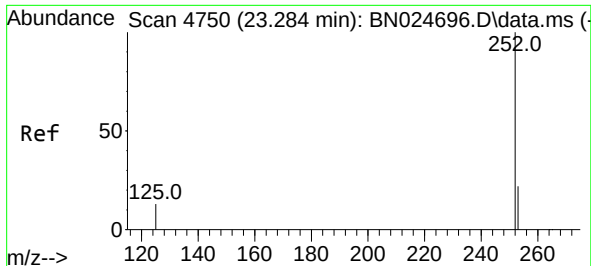
Tgt Ion:228 Resp: 31615
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.7 22.5 33.7



#22
Chrysene
Concen: 0.536 ng/ul
RT: 21.609 min Scan# 4177
Delta R.T. 0.006 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

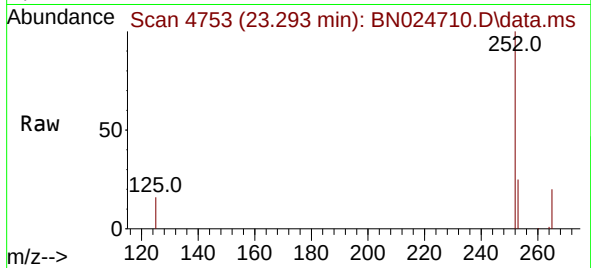
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Ion Ratio Lower Upper
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226 30.3 24.6 37.0
229 19.6 15.6 23.4



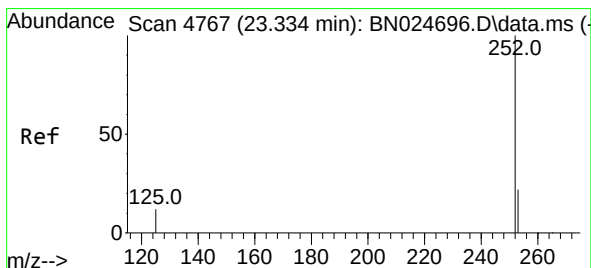
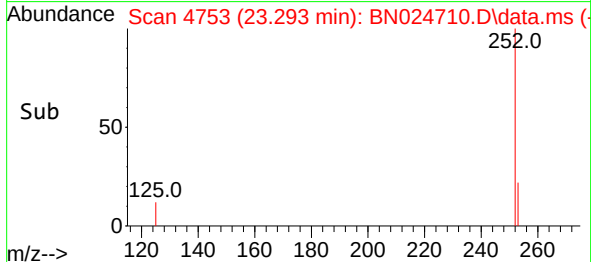
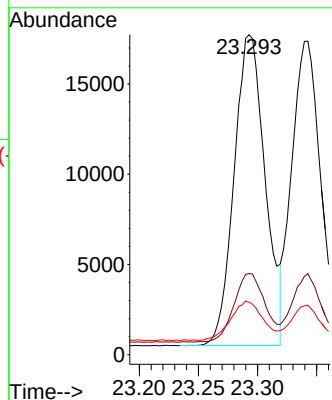


#24
Benzo(b)fluoranthene
Concen: 0.516 ng/ul
RT: 23.293 min Scan# 4753
Delta R.T. 0.009 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

Instrument :
BNA_N
ClientSampleId :
SLCS704

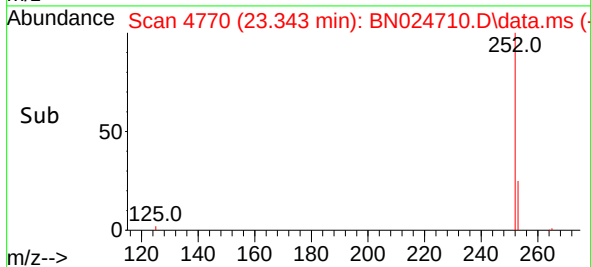
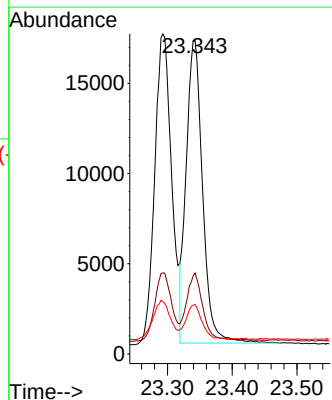
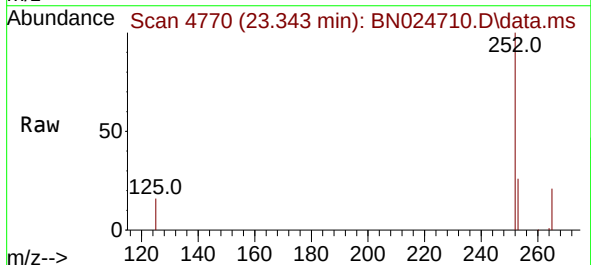


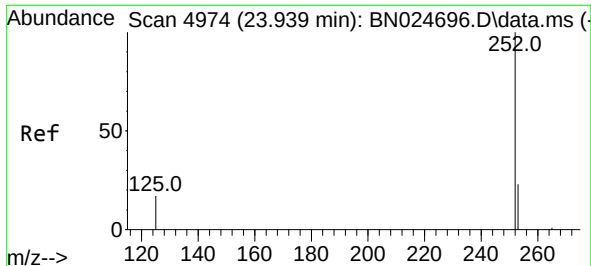
Tgt Ion:252 Resp: 31494
Ion Ratio Lower Upper
252 100
253 25.3 0.0 49.6
125 16.4 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.504 ng/ul
RT: 23.343 min Scan# 4770
Delta R.T. 0.009 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

Tgt Ion:252 Resp: 29588
Ion Ratio Lower Upper
252 100
253 25.8 20.2 30.2
125 15.8 13.1 19.7

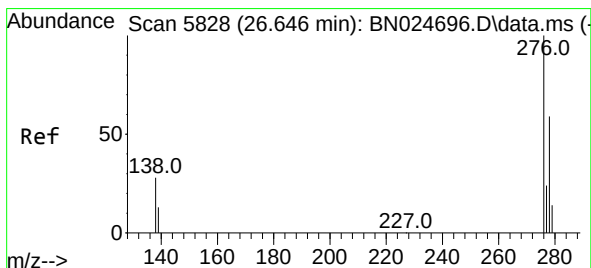
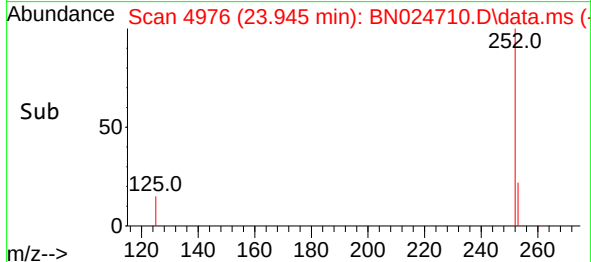
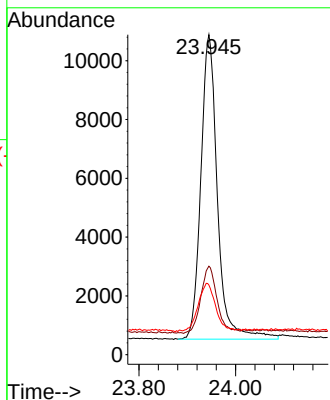
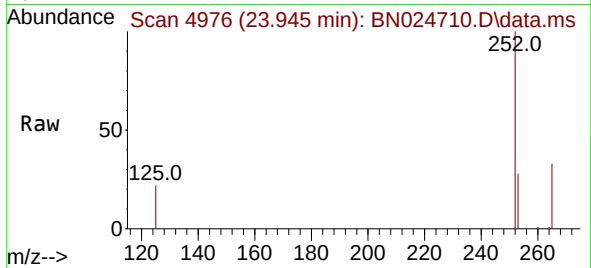




#26
Benzo(a)pyrene
Concen: 0.513 ng/ul
RT: 23.945 min Scan# 4974
Delta R.T. 0.006 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

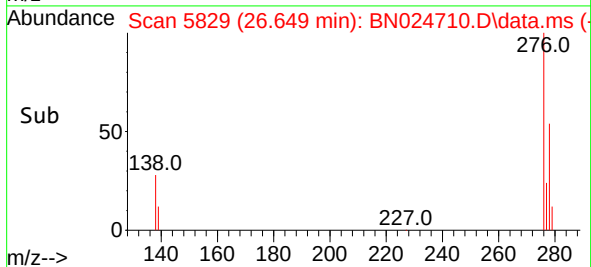
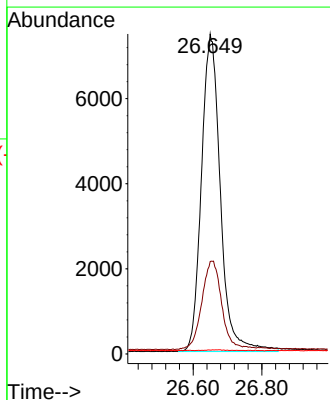
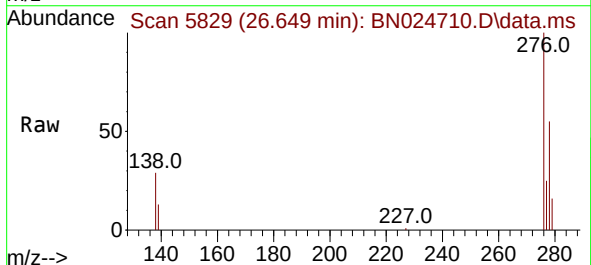
Instrument :
BNA_N
ClientSampleId :
SLCS704

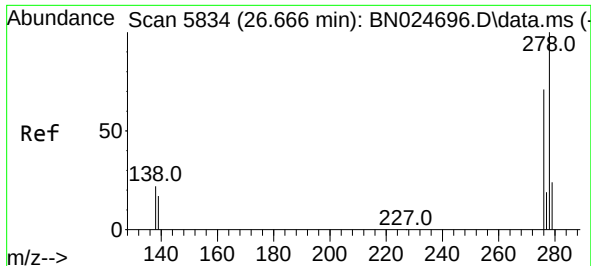
Tgt Ion:	252	Resp:	24644
Ion Ratio	Lower	Upper	
252	100		
253	27.6	21.8	32.8
125	21.7	15.4	23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.499 ng/ul
RT: 26.649 min Scan# 5829
Delta R.T. 0.003 min
Lab File: BN024710.D
Acq: 01 Apr 2023 10:33

Tgt Ion:	276	Resp:	28525
Ion Ratio	Lower	Upper	
276	100		
138	29.6	24.6	36.8
227	0.0	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.491 ng/ul

RT: 26.670 min Scan# 5835

Delta R.T. 0.004 min

Lab File: BN024710.D

Acq: 01 Apr 2023 10:33

Instrument :

BNA_N

ClientSampleId :

SLCS704

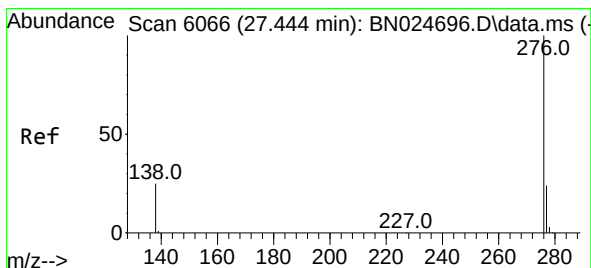
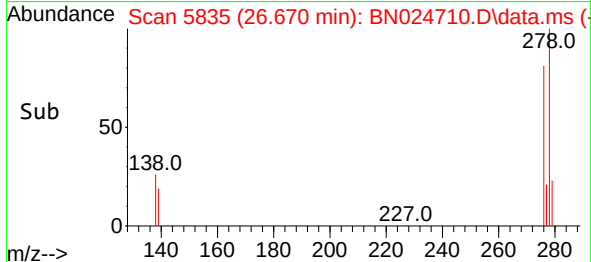
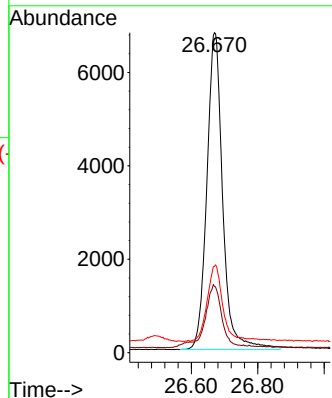
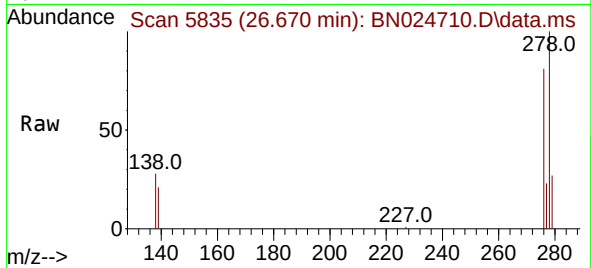
Tgt Ion:278 Resp: 22460

Ion Ratio Lower Upper

278 100

139 20.7 16.5 24.7

279 27.0 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 0.488 ng/ul

RT: 27.448 min Scan# 6067

Delta R.T. 0.003 min

Lab File: BN024710.D

Acq: 01 Apr 2023 10:33

Tgt Ion:276 Resp: 24029

Ion Ratio Lower Upper

276 100

138 25.8 21.4 32.2

277 24.9 19.8 29.6

