

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024720.D
 Acq On : 01 Apr 2023 17:17
 Operator : CG/JU
 Sample : PB151706BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS706

Quant Time: Apr 03 01:38:01 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)

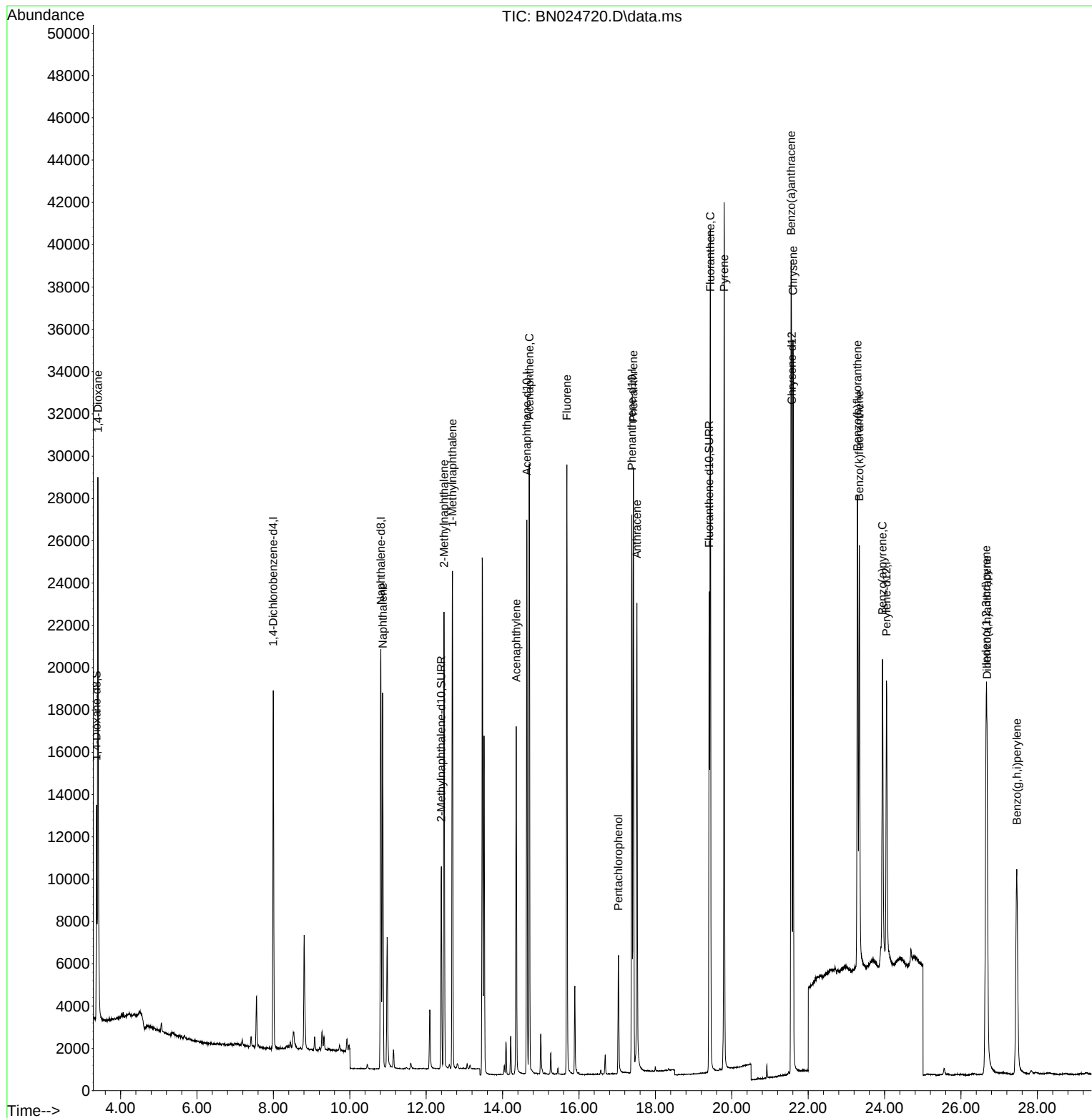
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	8687	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	25813	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	14044	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	30635	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	23105	0.400	ng/ul	0.00
23) Perylene-d12	24.050	264	18395	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	5997	0.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	11866	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	23948	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	16095	1.716	ng/ul	92
5) Naphthalene	10.861	128	24307	0.383	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	15049	0.381	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	15852	0.384	ng/ul	100
10) Acenaphthylene	14.356	152	19039	0.383	ng/ul	100
11) Acenaphthene	14.698	153	16668	0.387	ng/ul	100
12) Fluorene	15.684	166	18675	0.380	ng/ul	99
14) Pentachlorophenol	17.033	266	3907	0.590	ng/ul	98
15) Phenanthrene	17.422	178	31081	0.370	ng/ul	99
16) Anthracene	17.515	178	25693	0.366	ng/ul	99
19) Fluoranthene	19.436	202	33763	0.415	ng/ul	98
20) Pyrene	19.799	202	34250	0.413	ng/ul	96
21) Benzo(a)anthracene	21.551	228	29040	0.418	ng/ul	99
22) Chrysene	21.603	228	30851	0.404	ng/ul	99
24) Benzo(b)fluoranthene	23.290	252	29116	0.381	ng/ul	99
25) Benzo(k)fluoranthene	23.340	252	27372	0.372	ng/ul	100
26) Benzo(a)pyrene	23.945	252	23113	0.385	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.656	276	26779	0.374	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.680	278	21030	0.367	ng/ul	100
29) Benzo(g,h,i)perylene	27.461	276	22676	0.368	ng/ul	99

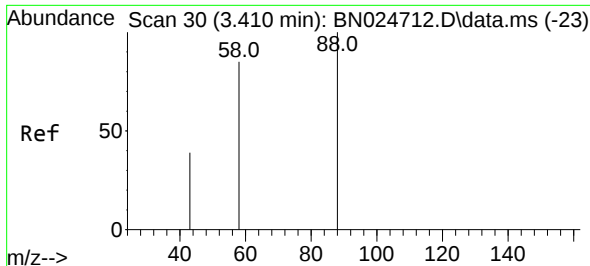
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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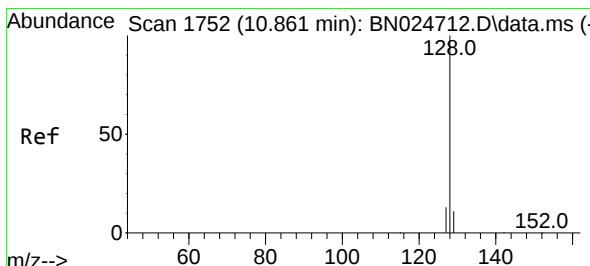
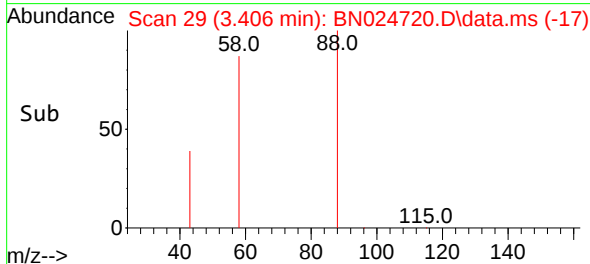
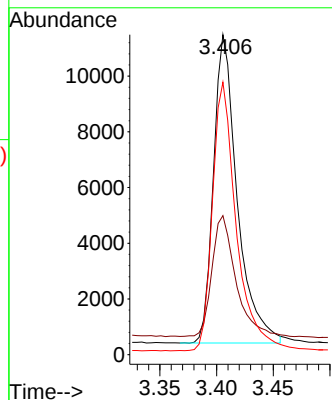
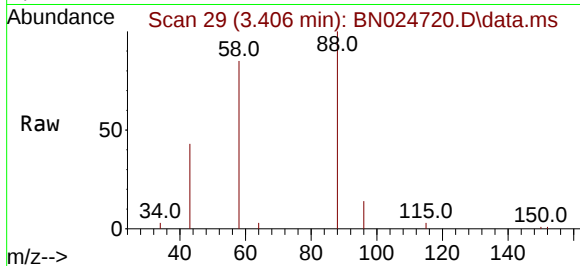




#2
 1,4-Dioxane
 Concen: 1.716 ng/ul
 RT: 3.406 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN024720.D
 Acq: 01 Apr 2023 17:17

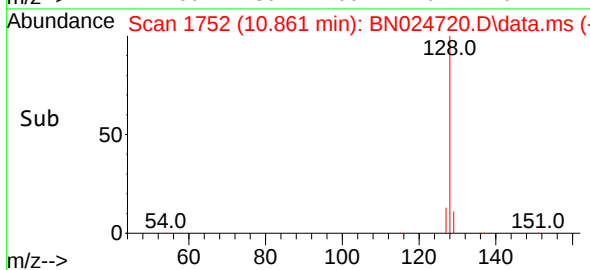
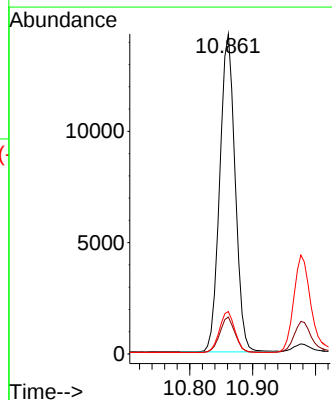
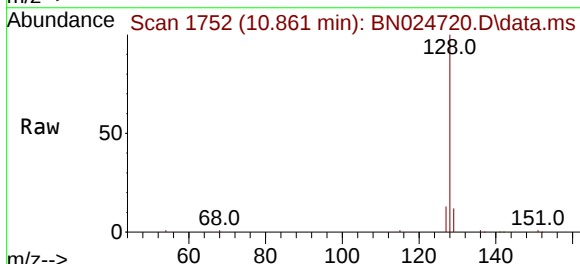
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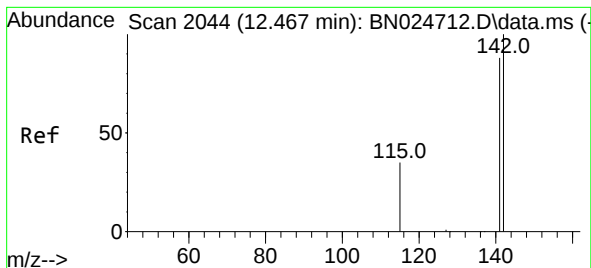
Tgt Ion: 88 Resp: 16095
 Ion Ratio Lower Upper
 88 100
 43 43.5 37.2 55.8
 58 85.1 61.5 92.3



#5
 Naphthalene
 Concen: 0.383 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. 0.000 min
 Lab File: BN024720.D
 Acq: 01 Apr 2023 17:17

Tgt Ion: 128 Resp: 24307
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.0 13.6
 127 13.3 10.5 15.7

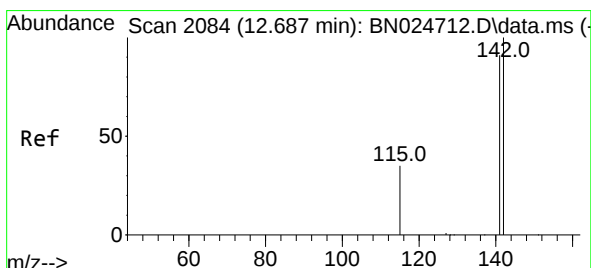
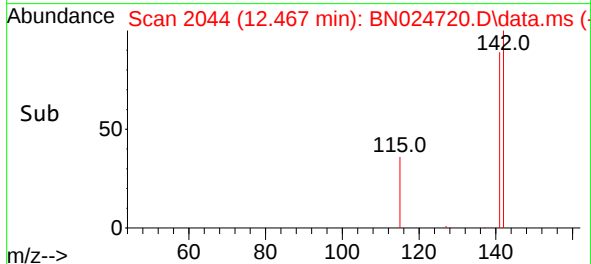
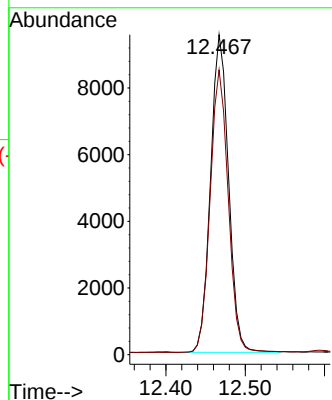
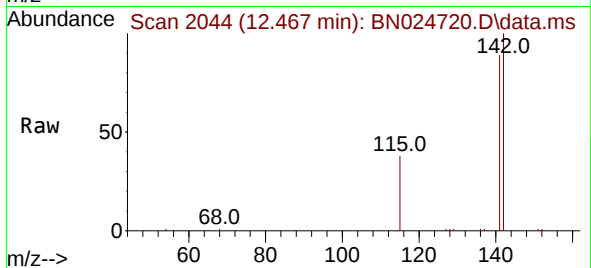




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

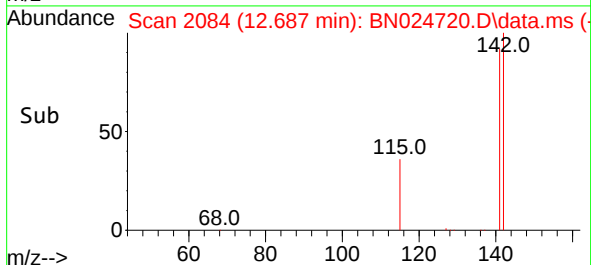
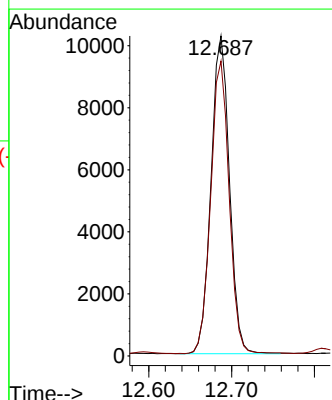
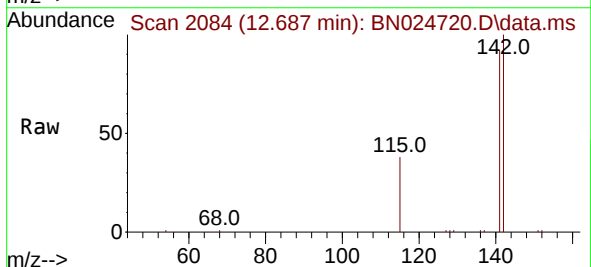
Instrument :
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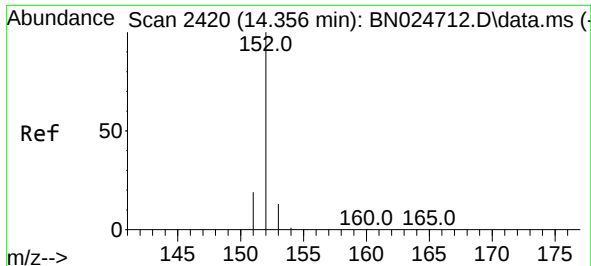
Tgt Ion:142 Resp: 15049
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

Tgt Ion:142 Resp: 15852
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3

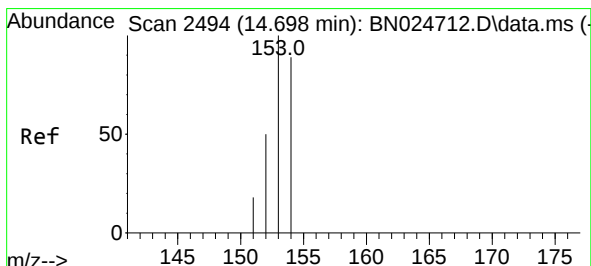
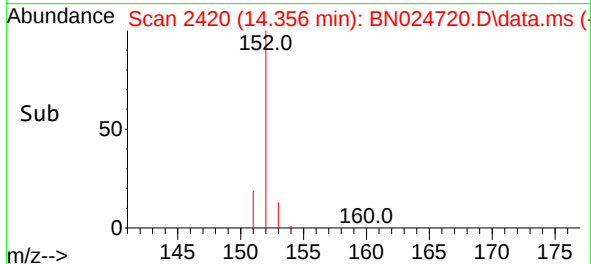
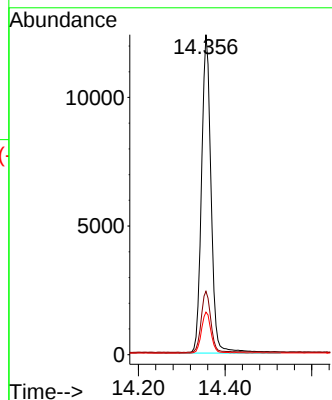
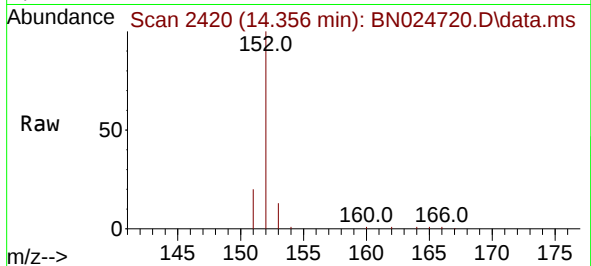




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

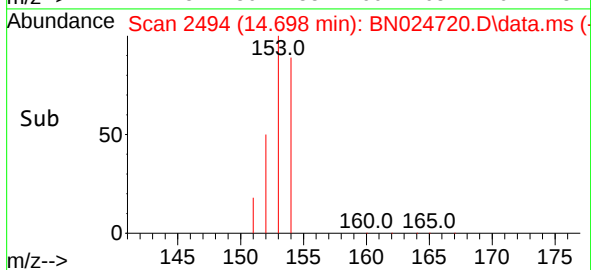
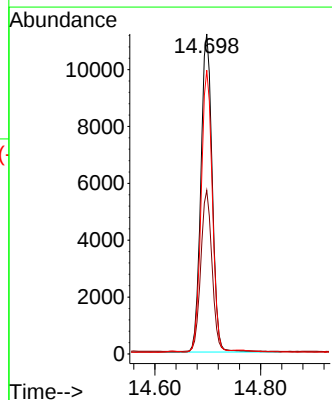
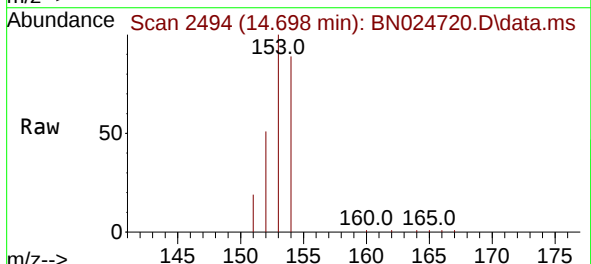
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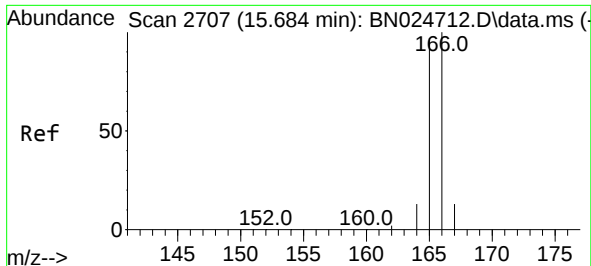
Tgt Ion:152 Resp: 19039
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

Tgt Ion:153 Resp: 16668
Ion Ratio Lower Upper
153 100
152 51.1 40.3 60.5
154 88.6 71.0 106.4

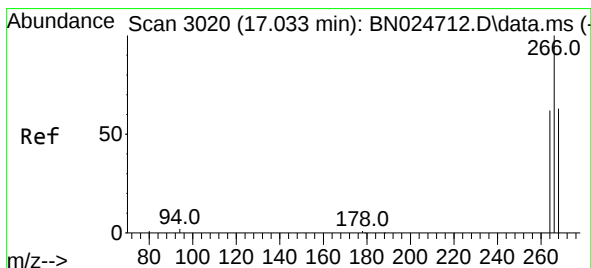
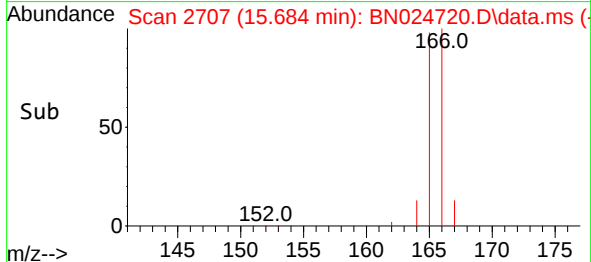
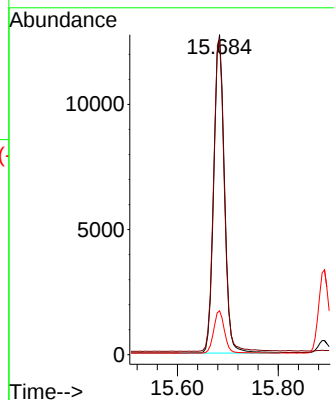
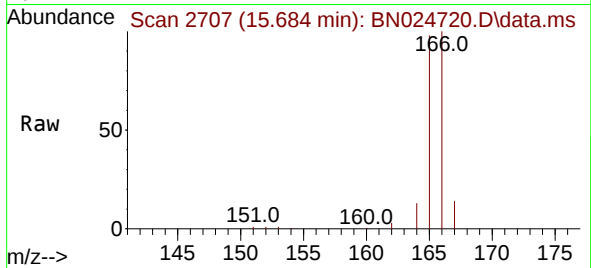




#12
Fluorene
Concen: 0.380 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

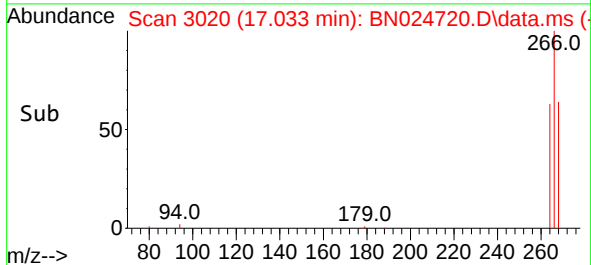
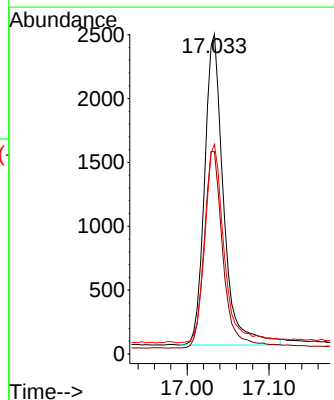
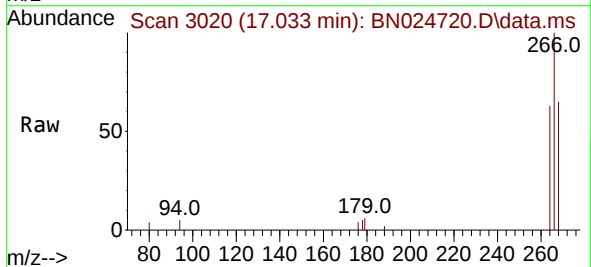
Instrument :
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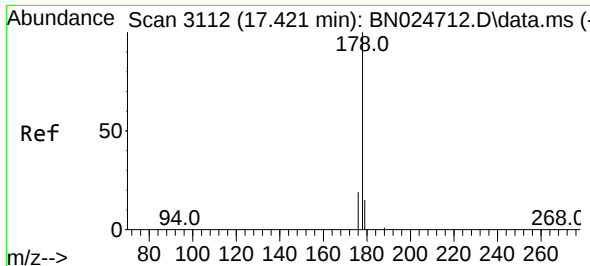
Tgt Ion:166 Resp: 18675
Ion Ratio Lower Upper
166 100
165 98.4 80.0 120.0
167 13.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.590 ng/ul
RT: 17.033 min Scan# 3020
Delta R.T. 0.000 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

Tgt Ion:266 Resp: 3907
Ion Ratio Lower Upper
266 100
264 63.7 49.6 74.4
268 64.8 52.6 78.8

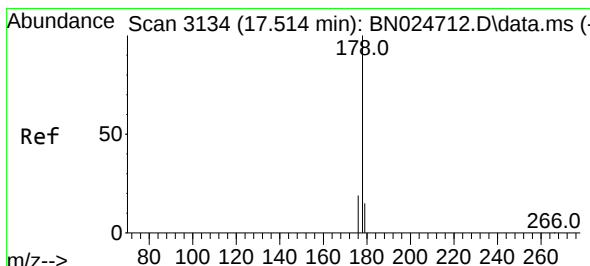
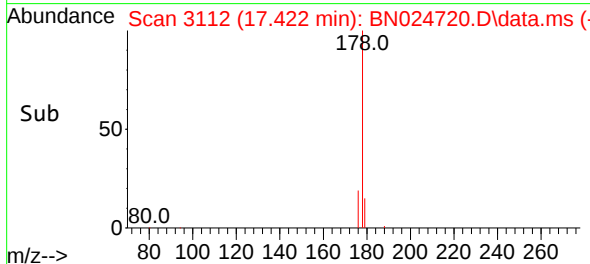
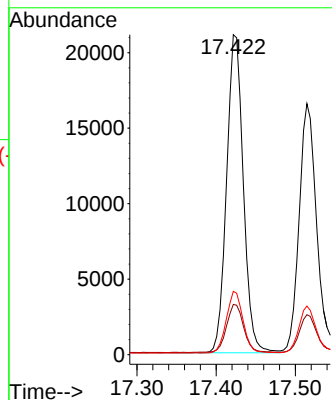
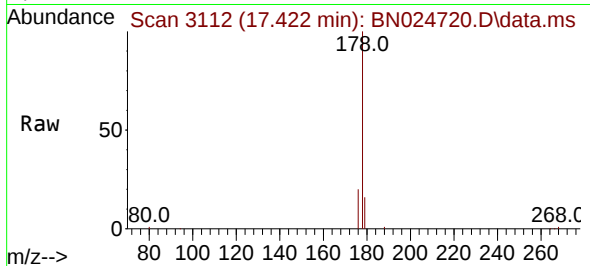




#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 17.422 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

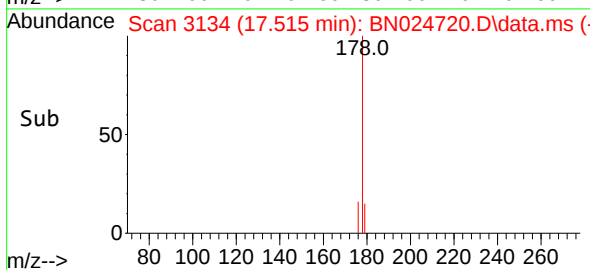
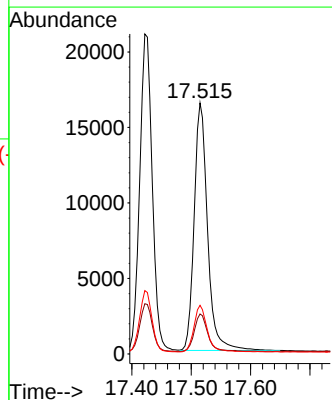
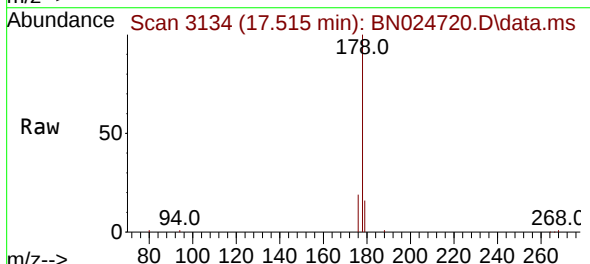
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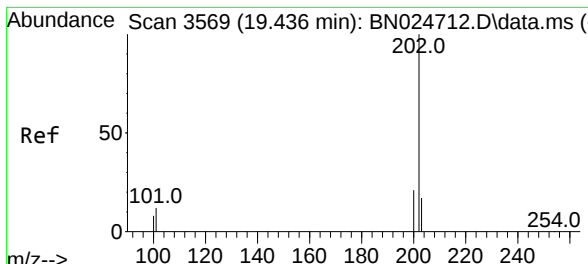
Tgt Ion:178 Resp: 31081
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.8 15.5 23.3



#16
Anthracene
Concen: 0.366 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

Tgt Ion:178 Resp: 25693
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.4 15.2 22.8

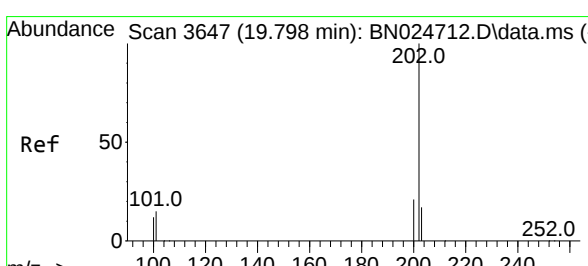
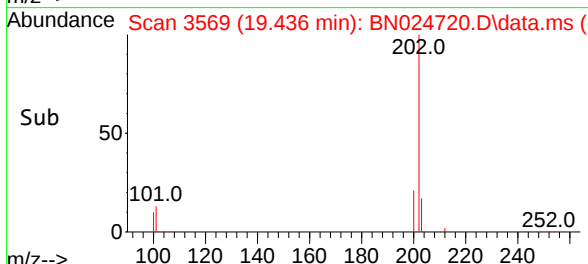
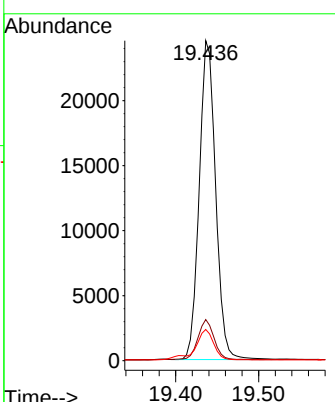
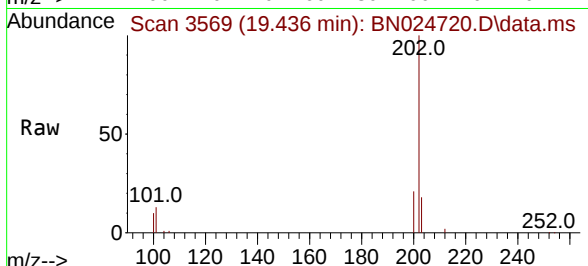




#19
 Fluoranthene
 Concen: 0.415 ng/ul
 RT: 19.436 min Scan# 3569
 Delta R.T. 0.000 min
 Lab File: BN024720.D
 Acq: 01 Apr 2023 17:17

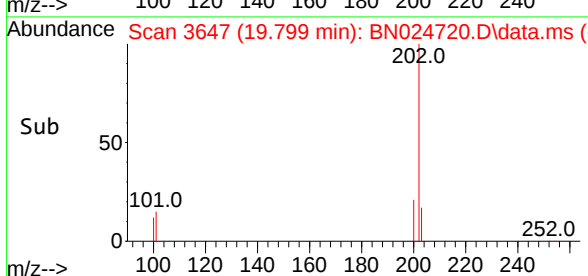
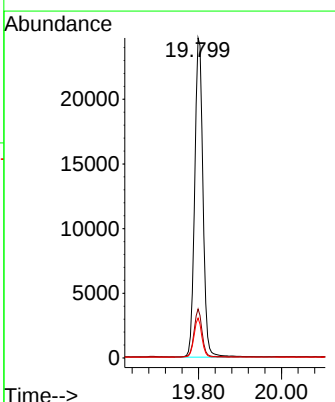
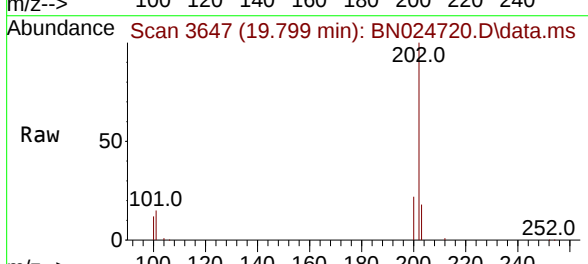
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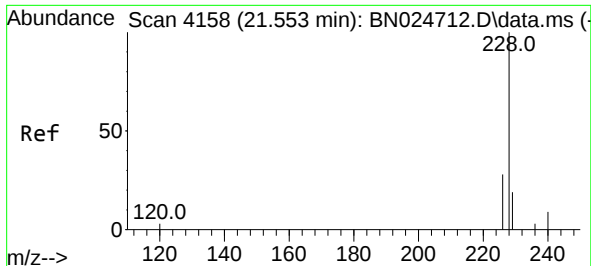
Tgt Ion:	202	Resp:	33763
Ion Ratio	Lower	Upper	
202	100		
101	12.8	9.6	14.4
100	9.8	7.0	10.6



#20
 Pyrene
 Concen: 0.413 ng/ul
 RT: 19.799 min Scan# 3647
 Delta R.T. 0.000 min
 Lab File: BN024720.D
 Acq: 01 Apr 2023 17:17

Tgt Ion:	202	Resp:	34250
Ion Ratio	Lower	Upper	
202	100		
101	15.3	10.9	16.3
100	12.5	8.7	13.1

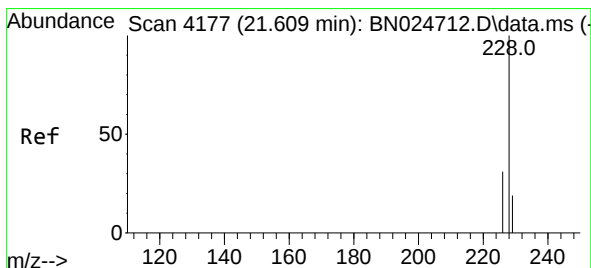
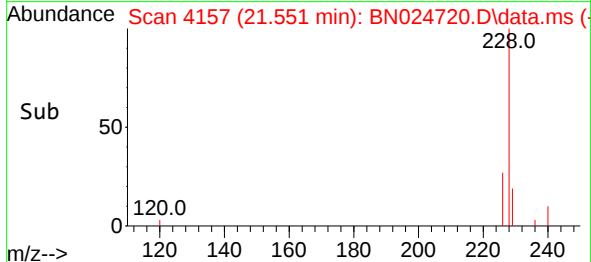
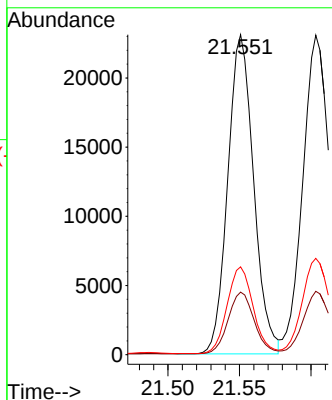
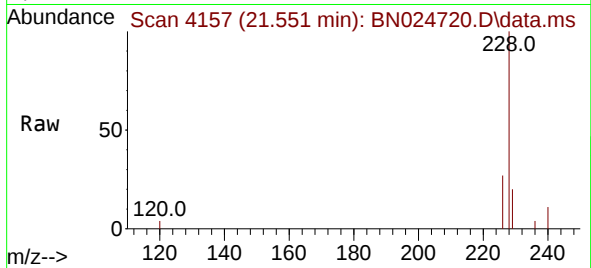




#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.551 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

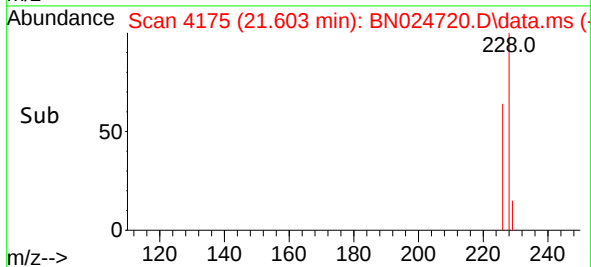
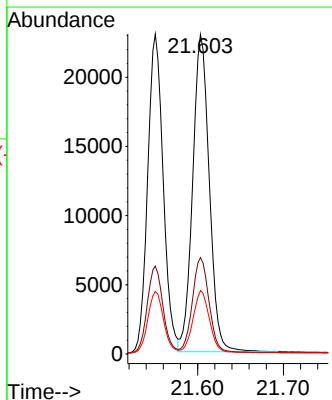
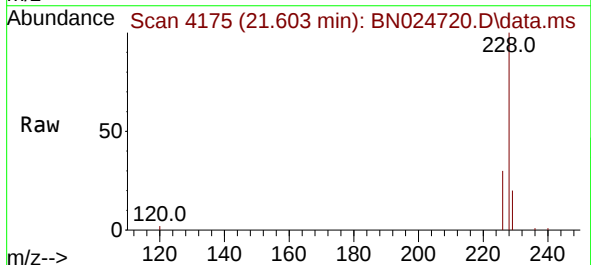
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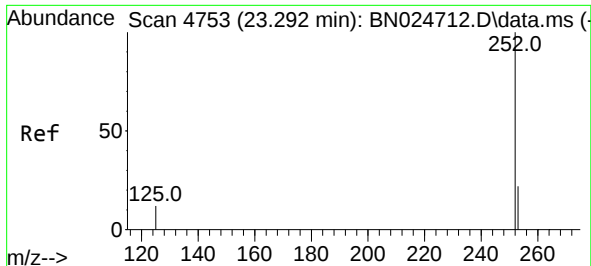
Tgt Ion:228 Resp: 29040
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.5 22.5 33.7



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.603 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

Tgt Ion:228 Resp: 30851
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.8 15.6 23.4

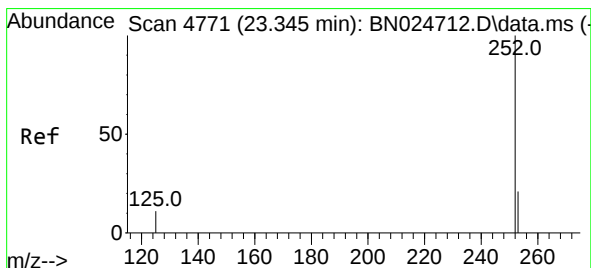
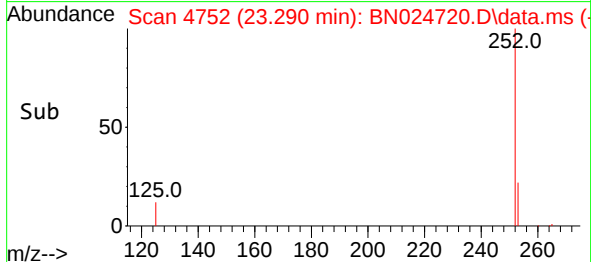
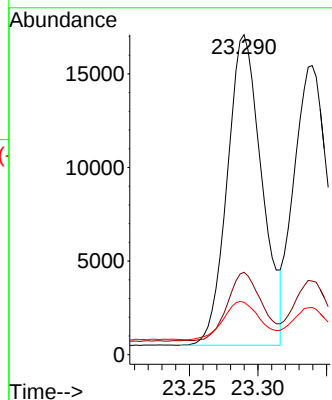
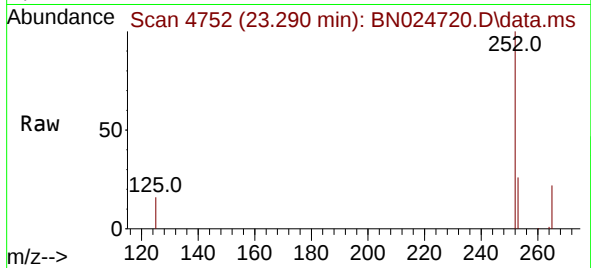




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.290 min Scan# 4753
Delta R.T. 0.006 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

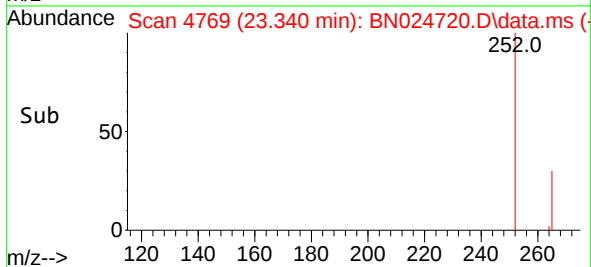
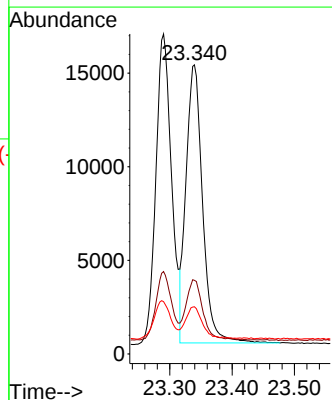
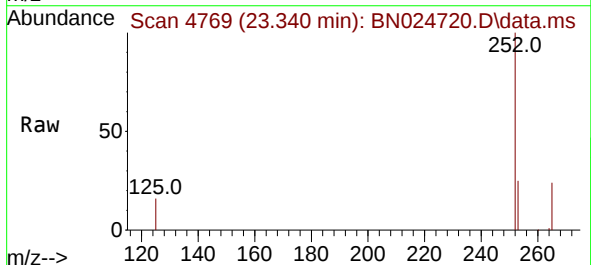
Instrument :
BNA_N
ClientSampleId :
SLCS706

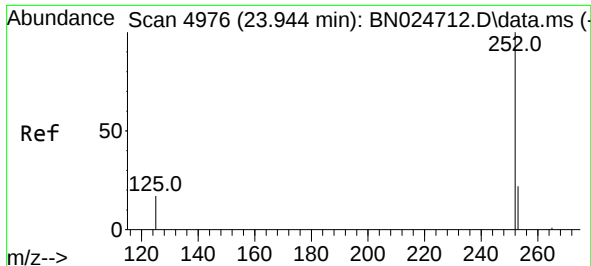
Tgt Ion:252 Resp: 29116
Ion Ratio Lower Upper
252 100
253 25.8 0.0 49.6
125 16.4 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 23.340 min Scan# 4769
Delta R.T. 0.006 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

Tgt Ion:252 Resp: 27372
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.2
125 16.4 13.1 19.7

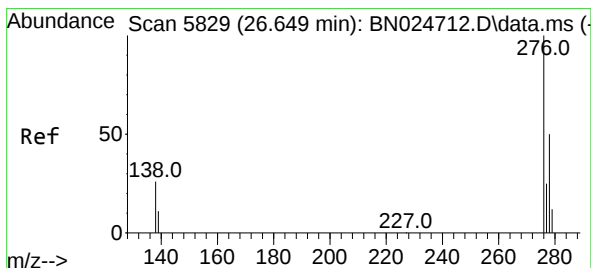
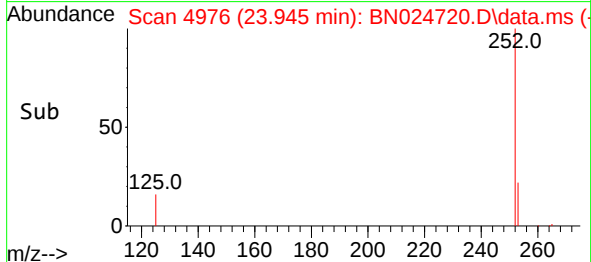
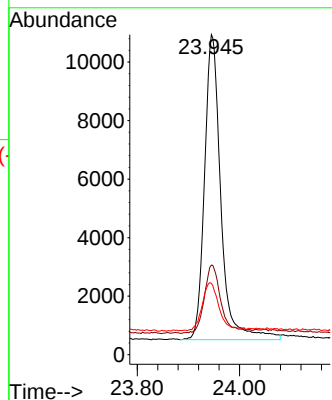
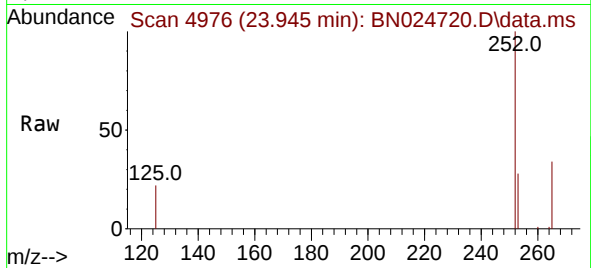




#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.945 min Scan# 4976
Delta R.T. 0.006 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

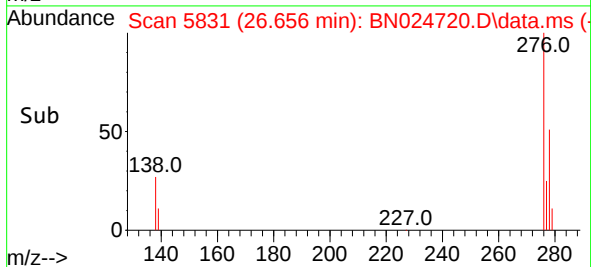
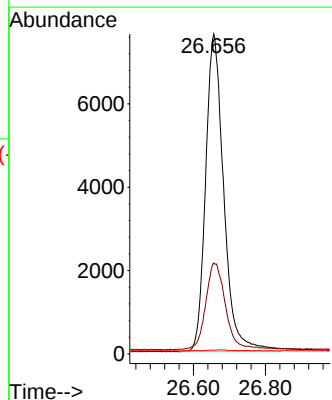
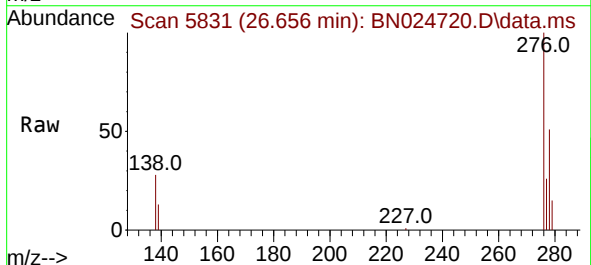
Instrument :
BNA_N
ClientSampleId :
SLCS706

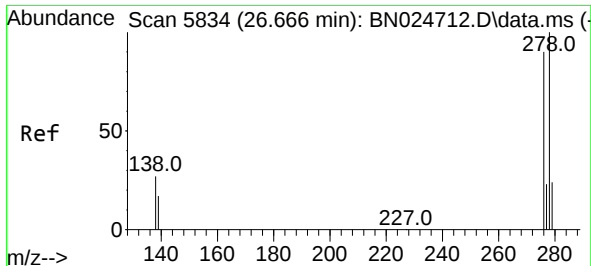
Tgt Ion:252 Resp: 23113
Ion Ratio Lower Upper
252 100
253 28.0 21.8 32.8
125 22.3 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 26.656 min Scan# 5831
Delta R.T. 0.010 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

Tgt Ion:276 Resp: 26779
Ion Ratio Lower Upper
276 100
138 29.9 24.6 36.8
227 0.1 0.1 0.1#

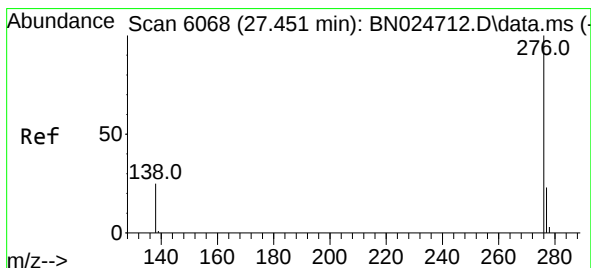
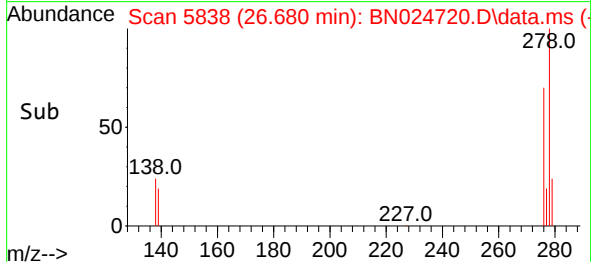
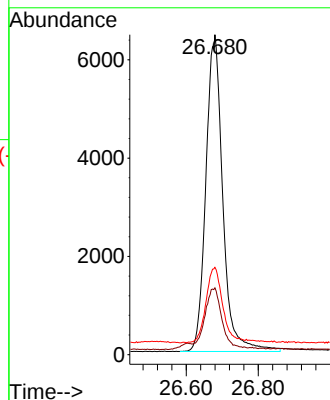
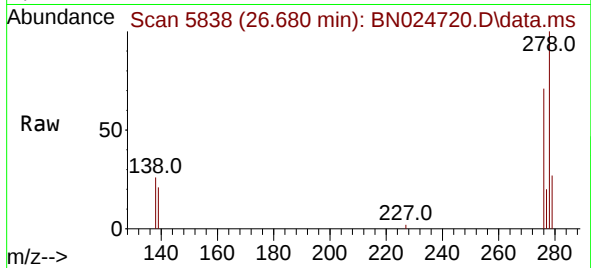




#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 26.680 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

Instrument :
BNA_N
ClientSampleId :
SLCS706

Tgt Ion:278 Resp: 21030
Ion Ratio Lower Upper
278 100
139 20.9 16.5 24.7
279 27.3 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 27.461 min Scan# 6071
Delta R.T. 0.017 min
Lab File: BN024720.D
Acq: 01 Apr 2023 17:17

Tgt Ion:276 Resp: 22676
Ion Ratio Lower Upper
276 100
138 26.2 21.4 32.2
277 25.6 19.8 29.6

