

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024671.D
 Acq On : 31 Mar 2023 09:35
 Operator : CG/JU
 Sample : PB151691BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS691

Quant Time: Apr 01 00:44:41 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 : Fri Mar 31 02:10:21 2023
 Response via : Initial Calibration

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

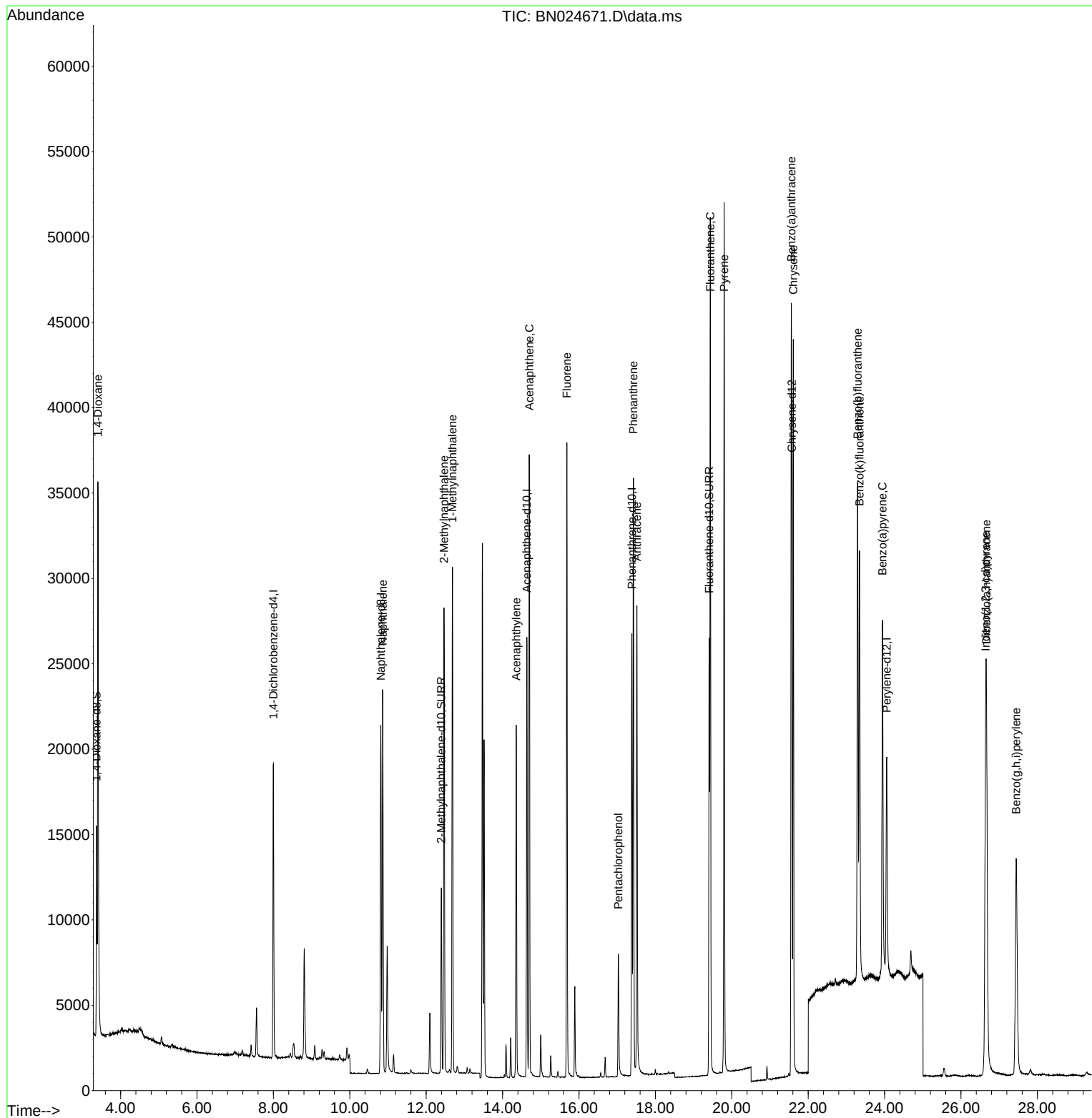
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	9001	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	26176	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	14133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	30402	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	22946	0.400	ng/ul	0.00
23) Perylene-d12	24.056	264	19254	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	7339	0.794	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	13821	0.428	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	27166	0.484	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	20770	2.137	ng/ul	91
5) Naphthalene	10.861	128	30356	0.472	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	18845	0.471	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	19836	0.474	ng/ul	100
10) Acenaphthylene	14.356	152	23897	0.478	ng/ul	100
11) Acenaphthene	14.698	153	20775	0.479	ng/ul	100
12) Fluorene	15.684	166	23351	0.472	ng/ul	98
14) Pentachlorophenol	17.029	266	5221	0.794	ng/ul	98
15) Phenanthrene	17.426	178	38350	0.460	ng/ul	100
16) Anthracene	17.515	178	31935	0.459	ng/ul	100
19) Fluoranthene	19.436	202	41729	0.516	ng/ul	98
20) Pyrene	19.799	202	42085	0.511	ng/ul	97
21) Benzo(a)anthracene	21.557	228	35231	0.511	ng/ul	99
22) Chrysene	21.609	228	38474	0.507	ng/ul	99
24) Benzo(b)fluoranthene	23.293	252	38663	0.483	ng/ul	99
25) Benzo(k)fluoranthene	23.343	252	36117	0.469	ng/ul	100
26) Benzo(a)pyrene	23.945	252	31228	0.496	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.646	276	35750	0.477	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.666	278	28077	0.468	ng/ul	99
29) Benzo(g,h,i)perylene	27.444	276	29630	0.460	ng/ul	99

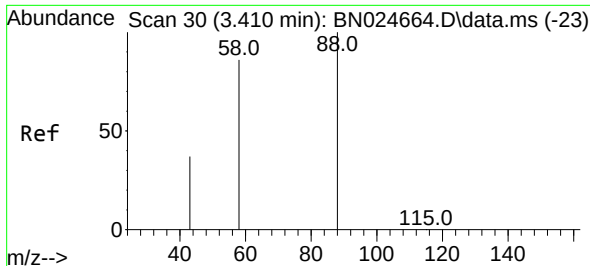
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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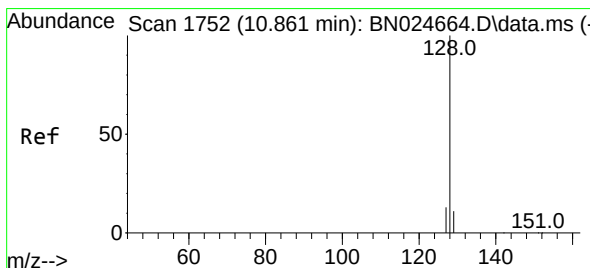
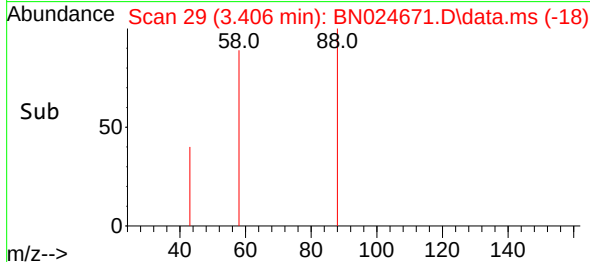
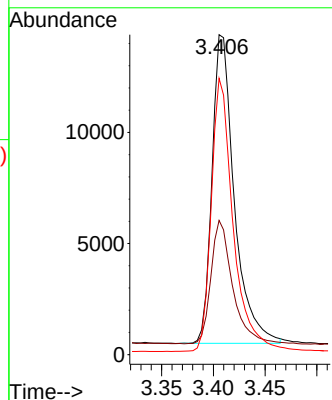
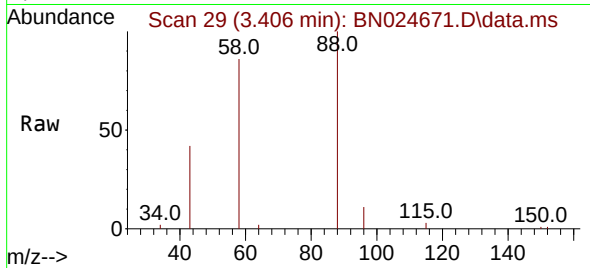




#2
 1,4-Dioxane
 Concen: 2.137 ng/ul
 RT: 3.406 min Scan# 29
 Delta R.T. -0.004 min
 Lab File: BN024671.D
 Acq: 31 Mar 2023 09:35

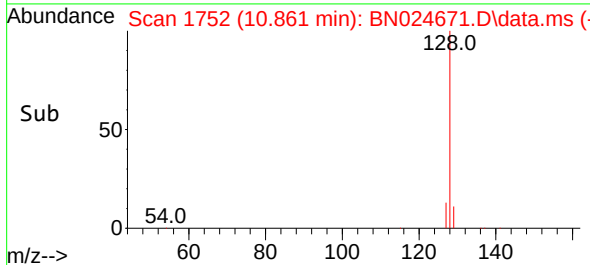
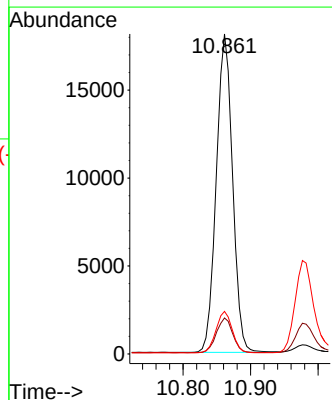
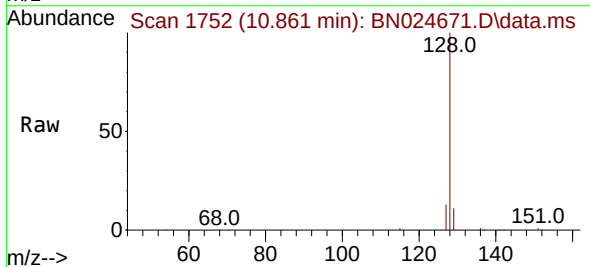
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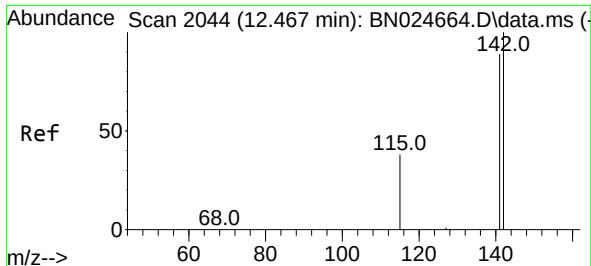
Tgt Ion: 88 Resp: 20770
 Ion Ratio Lower Upper
 88 100
 43 41.9 37.2 55.8
 58 86.4 61.5 92.3



#5
 Naphthalene
 Concen: 0.472 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. -0.006 min
 Lab File: BN024671.D
 Acq: 31 Mar 2023 09:35

Tgt Ion: 128 Resp: 30356
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 13.3 10.5 15.7

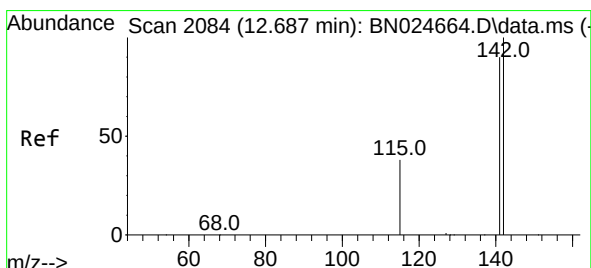
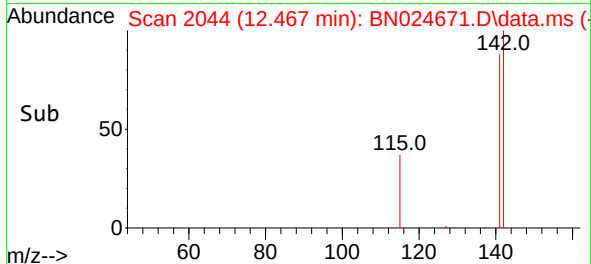
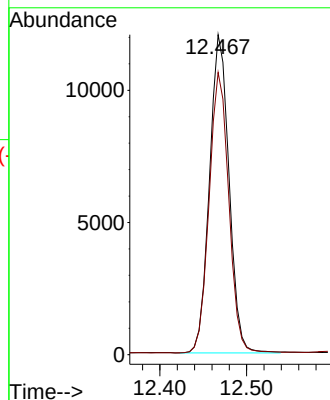
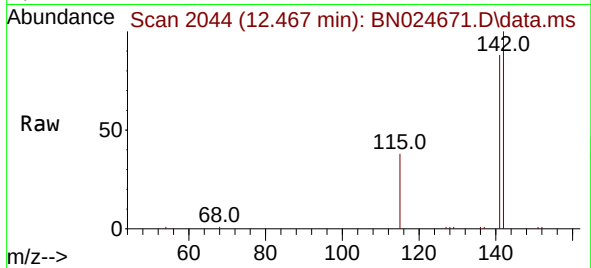




#7
2-Methylnaphthalene
Concen: 0.471 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

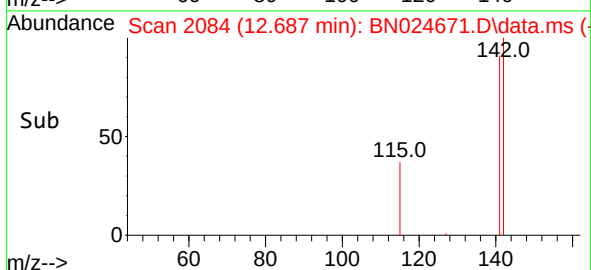
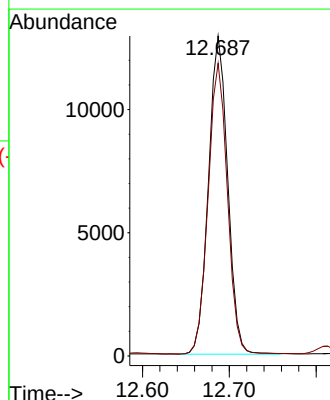
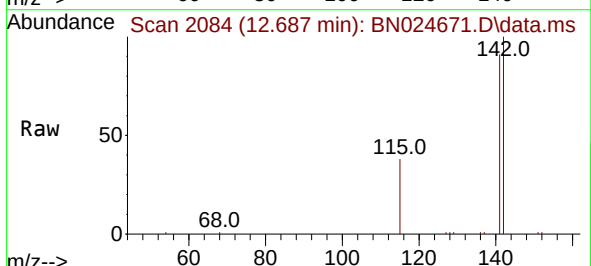
Instrument :
BNA_N
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SLCS691

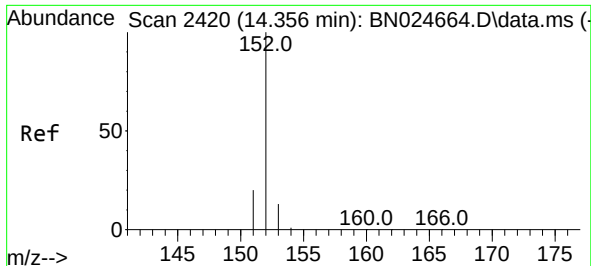
Tgt Ion:142 Resp: 18845
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.474 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

Tgt Ion:142 Resp: 19836
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3

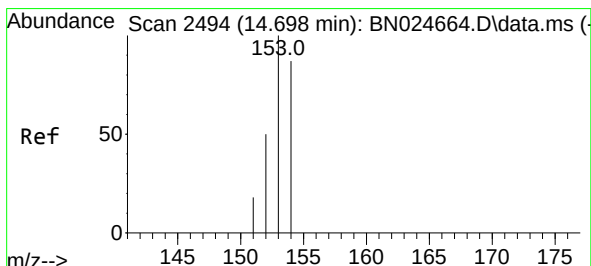
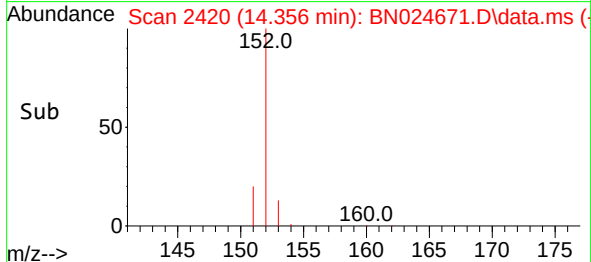
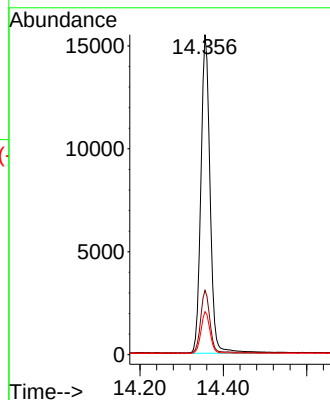
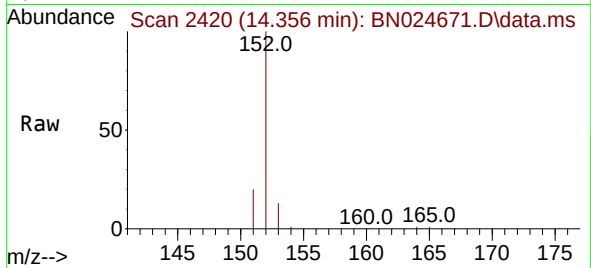




#10
Acenaphthylene
Concen: 0.478 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

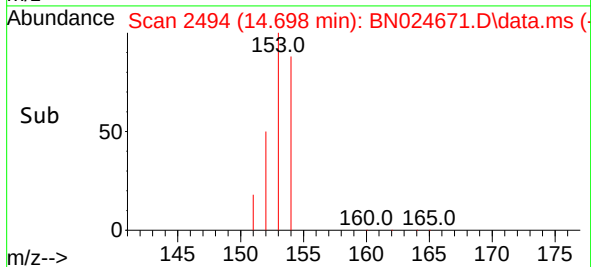
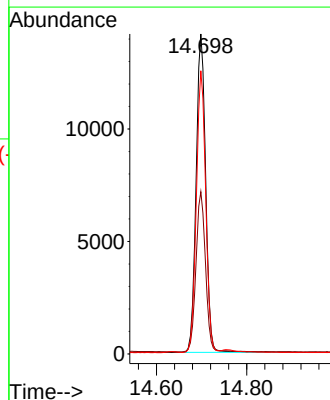
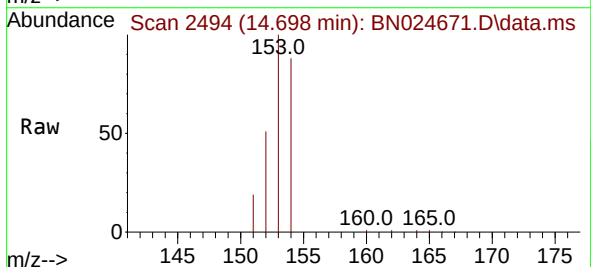
Instrument :
BNA_N
ClientSampleId :
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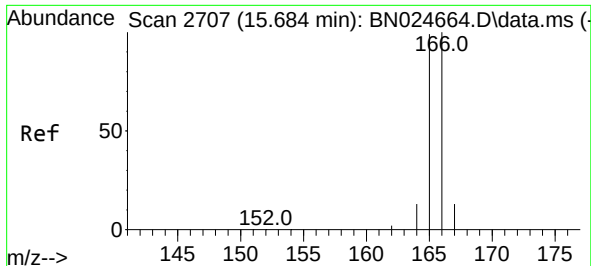
Tgt Ion:152 Resp: 23897
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.6 16.0



#11
Acenaphthene
Concen: 0.479 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

Tgt Ion:153 Resp: 20775
Ion Ratio Lower Upper
153 100
152 50.7 40.3 60.5
154 88.5 71.0 106.4

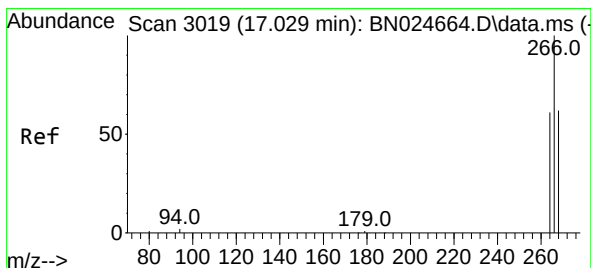
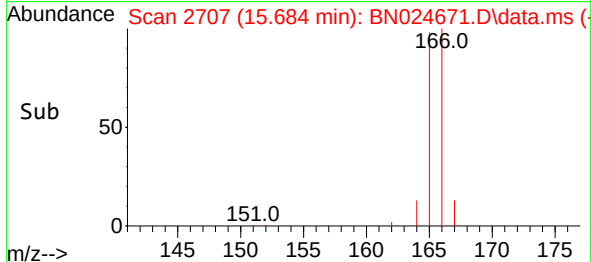
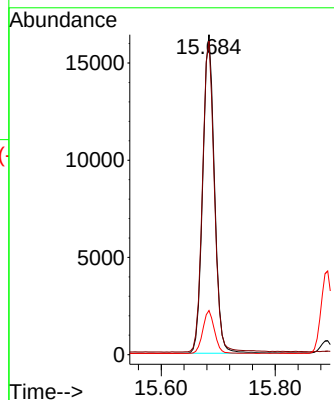
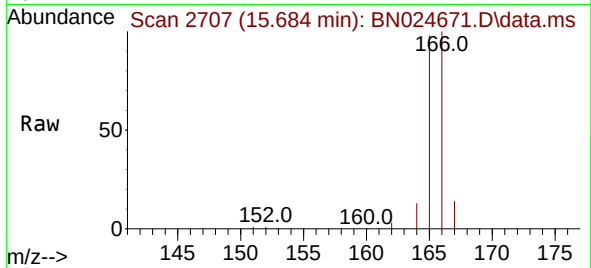




#12
 Fluorene
 Concen: 0.472 ng/ul
 RT: 15.684 min Scan# 2707
 Delta R.T. -0.000 min
 Lab File: BN024671.D
 Acq: 31 Mar 2023 09:35

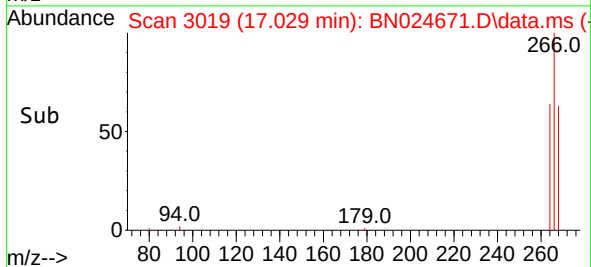
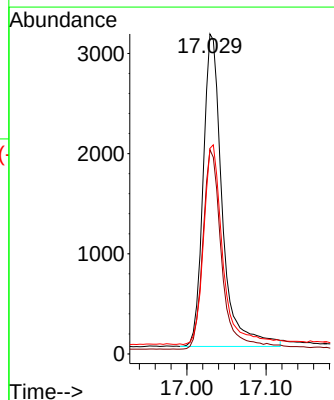
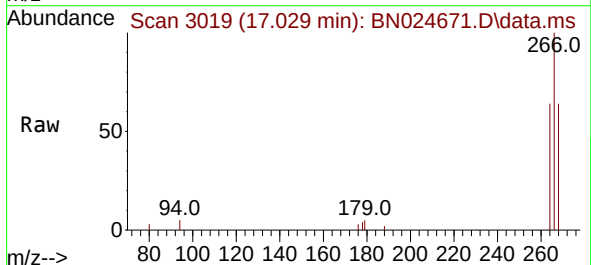
Instrument :
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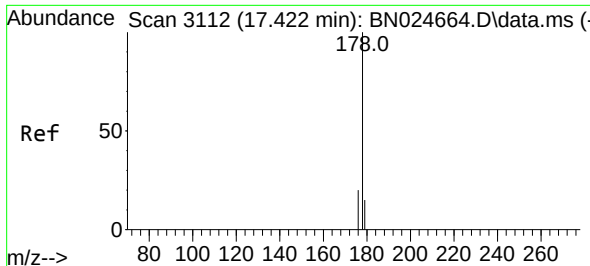
Tgt Ion:166 Resp: 23351
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.0 120.0
 167 13.8 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.794 ng/ul
 RT: 17.029 min Scan# 3019
 Delta R.T. -0.004 min
 Lab File: BN024671.D
 Acq: 31 Mar 2023 09:35

Tgt Ion:266 Resp: 5221
 Ion Ratio Lower Upper
 266 100
 264 63.2 49.6 74.4
 268 64.0 52.6 78.8

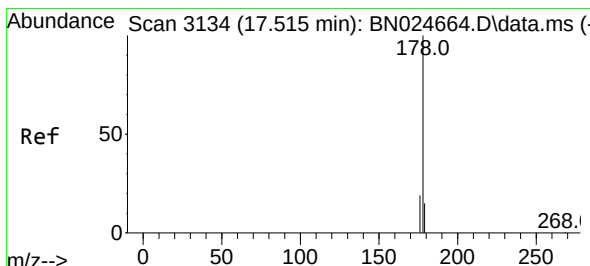
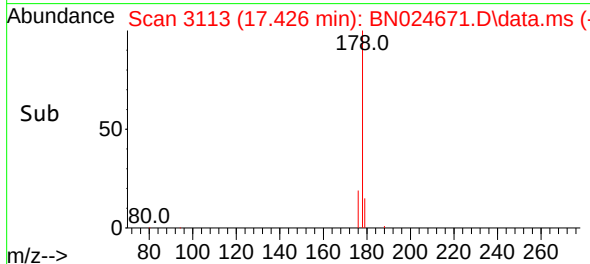
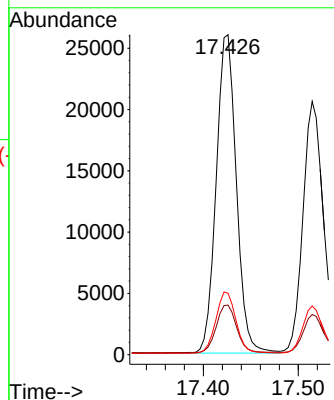
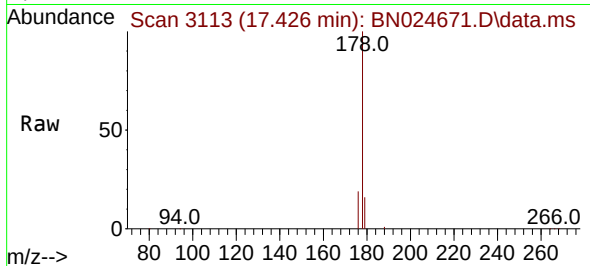




#15
Phenanthrene
Concen: 0.460 ng/ul
RT: 17.426 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

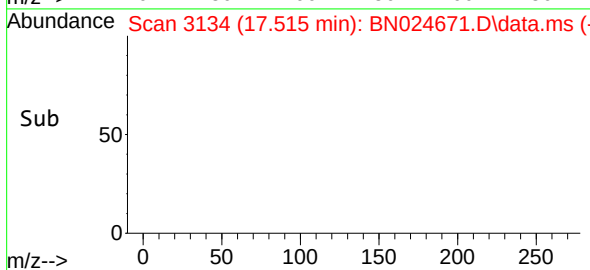
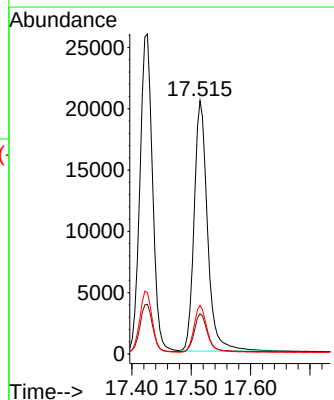
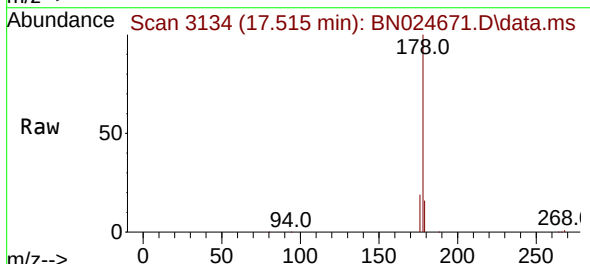
Instrument :
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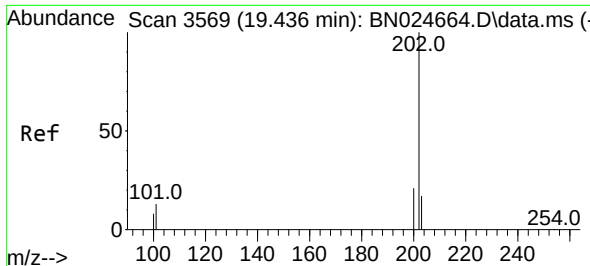
Tgt Ion:178 Resp: 38350
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.459 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

Tgt Ion:178 Resp: 31935
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.2 15.2 22.8

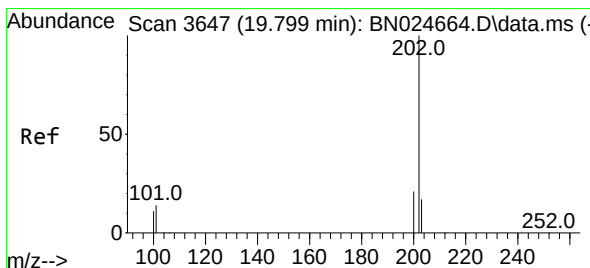
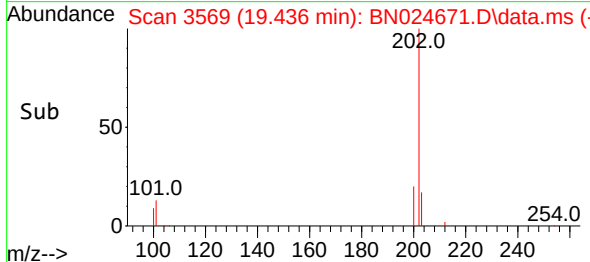
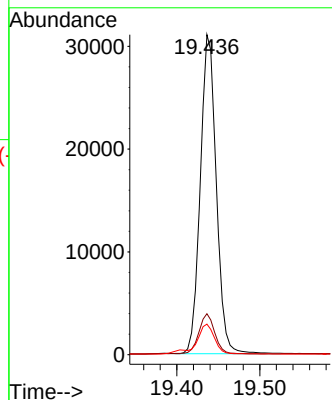
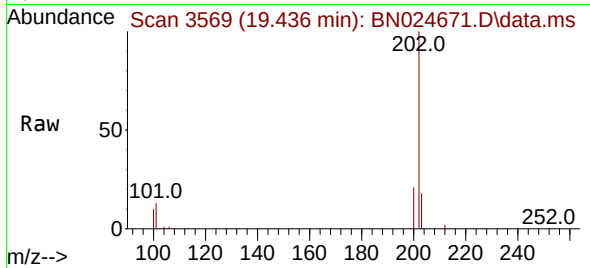




#19
Fluoranthene
Concen: 0.516 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

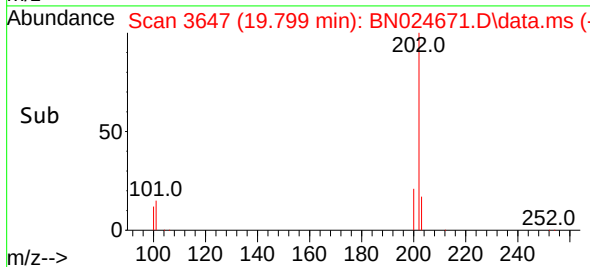
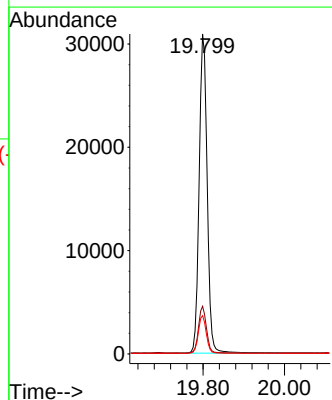
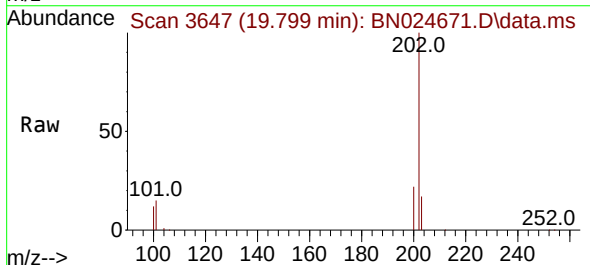
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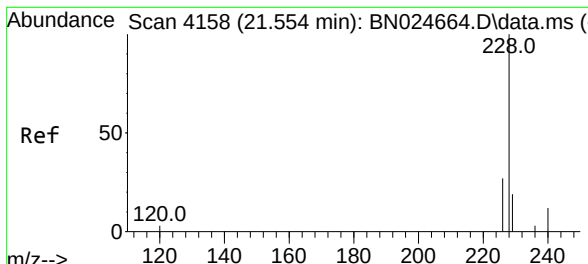
Tgt Ion:202 Resp: 41729
Ion Ratio Lower Upper
202 100
101 12.8 9.6 14.4
100 9.5 7.0 10.6



#20
Pyrene
Concen: 0.511 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

Tgt Ion:202 Resp: 42085
Ion Ratio Lower Upper
202 100
101 14.9 10.9 16.3
100 11.9 8.7 13.1



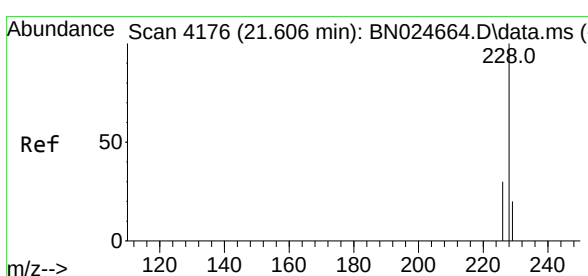
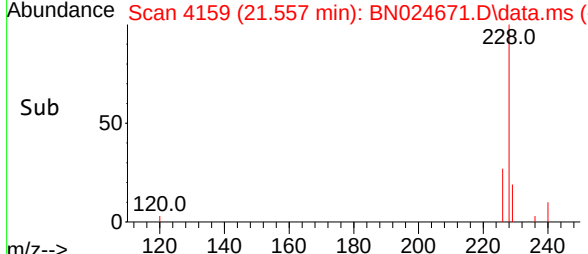
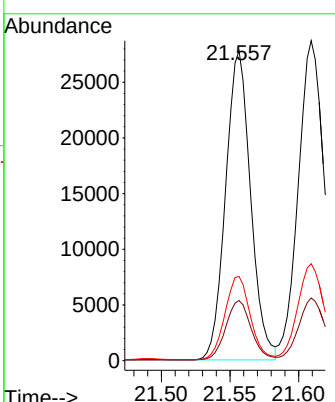
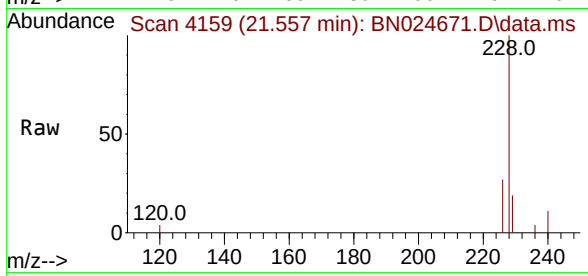


#21
 Benzo(a)anthracene
 Concen: 0.511 ng/ul
 RT: 21.557 min Scan# 4159
 Delta R.T. 0.003 min
 Lab File: BN024671.D
 Acq: 31 Mar 2023 09:35

Instrument :
 BNA_N
 ClientSampleId :
 SLCS691

Tgt Ion:228 Resp: 35231

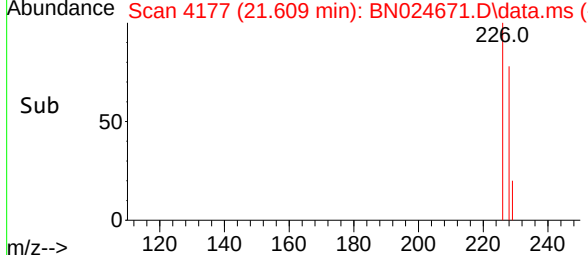
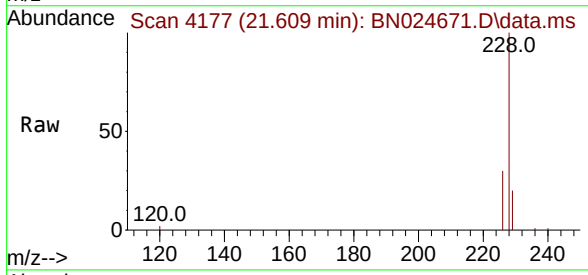
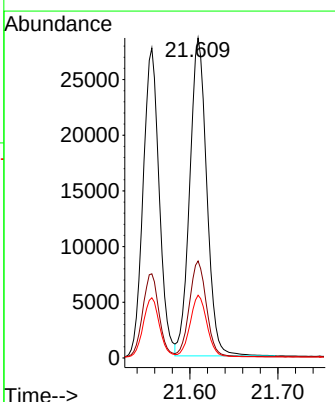
Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	27.1	22.5	33.7

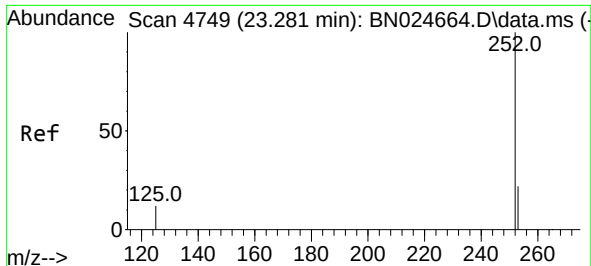


#22
 Chrysene
 Concen: 0.507 ng/ul
 RT: 21.609 min Scan# 4177
 Delta R.T. 0.003 min
 Lab File: BN024671.D
 Acq: 31 Mar 2023 09:35

Tgt Ion:228 Resp: 38474

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.6	15.6	23.4

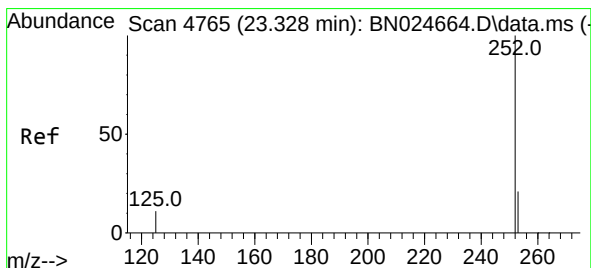
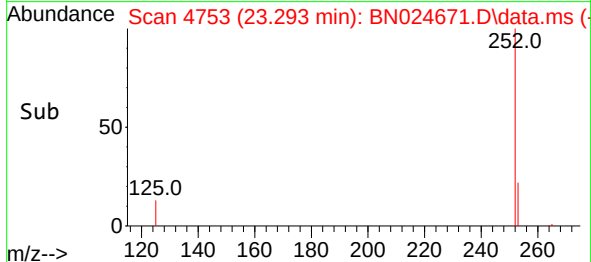
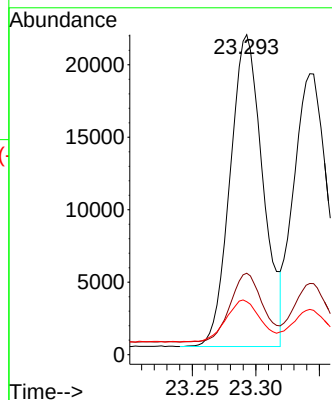
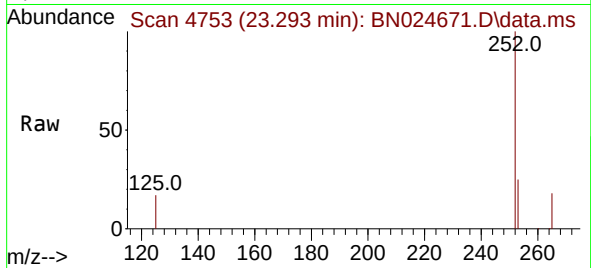




#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 23.293 min Scan# 41
Delta R.T. 0.012 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

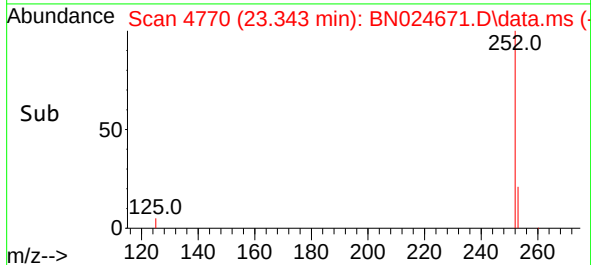
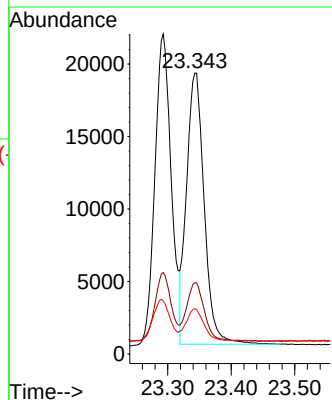
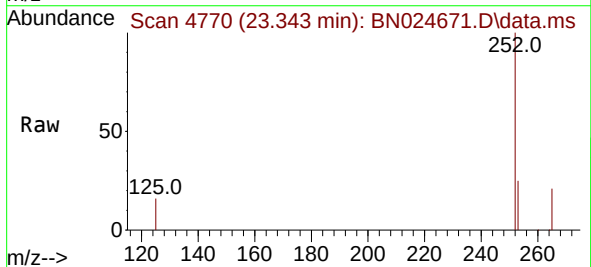
Instrument :
BNA_N
ClientSampleId :
SLCS691

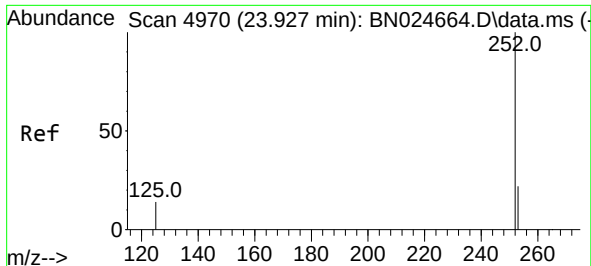
Tgt Ion:252 Resp: 38663
Ion Ratio Lower Upper
252 100
253 25.5 0.0 49.6
125 16.5 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.469 ng/ul
RT: 23.343 min Scan# 4770
Delta R.T. 0.015 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

Tgt Ion:252 Resp: 36117
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.2
125 16.1 13.1 19.7

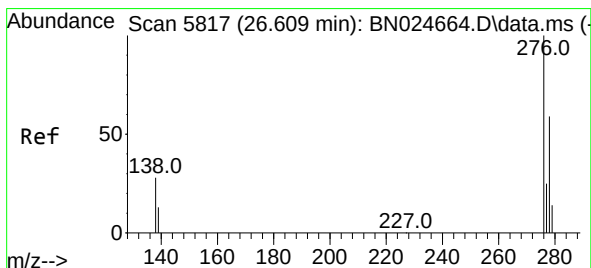
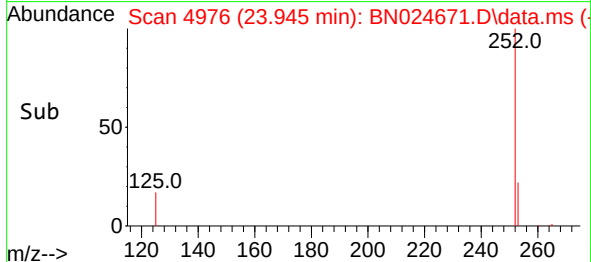
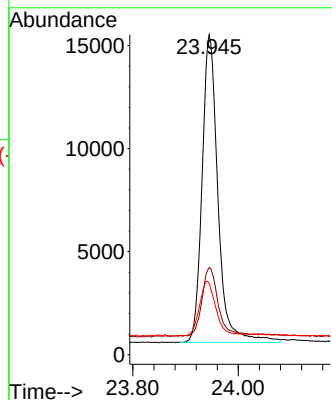
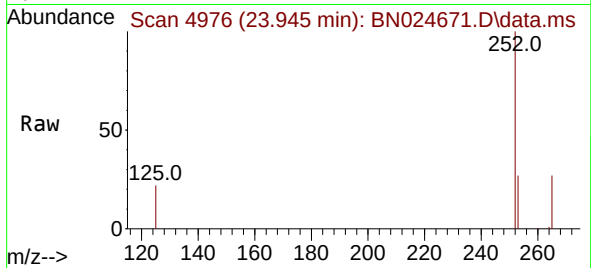




#26
Benzo(a)pyrene
Concen: 0.496 ng/ul
RT: 23.945 min Scan# 4976
Delta R.T. 0.018 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

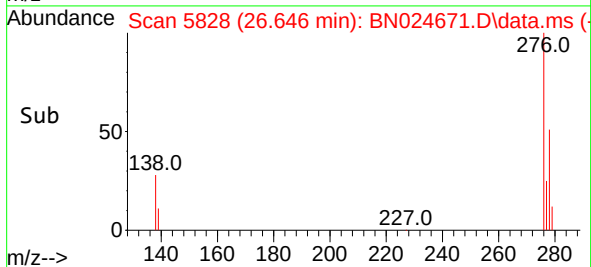
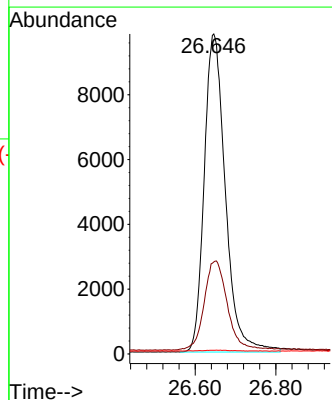
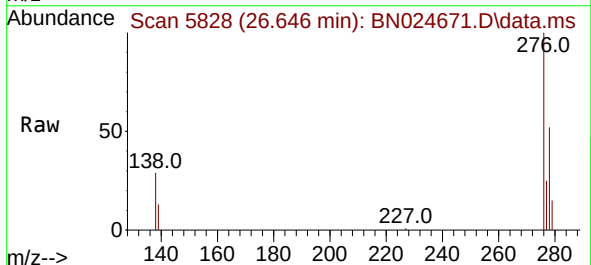
Instrument :
BNA_N
ClientSampleId :
SLCS691

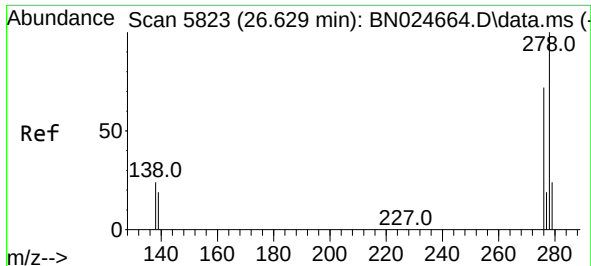
Tgt Ion:252 Resp: 31228
Ion Ratio Lower Upper
252 100
253 27.2 21.8 32.8
125 22.3 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng/ul
RT: 26.646 min Scan# 5828
Delta R.T. 0.034 min
Lab File: BN024671.D
Acq: 31 Mar 2023 09:35

Tgt Ion:276 Resp: 35750
Ion Ratio Lower Upper
276 100
138 30.8 24.6 36.8
227 0.3 0.1 0.1#

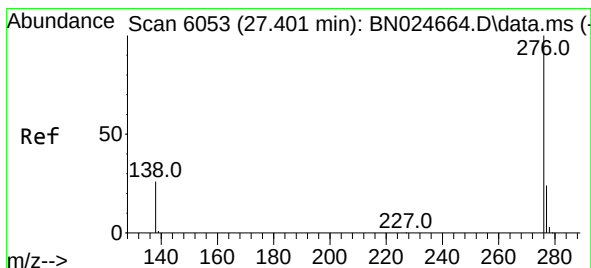
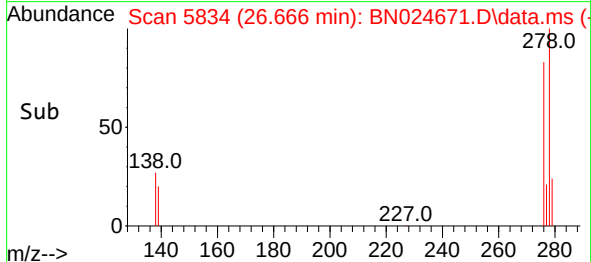
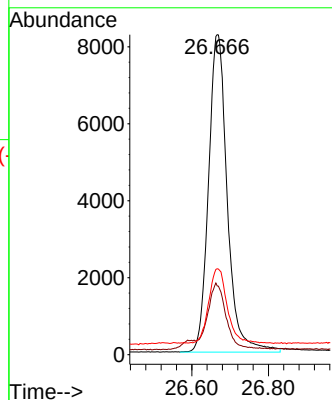
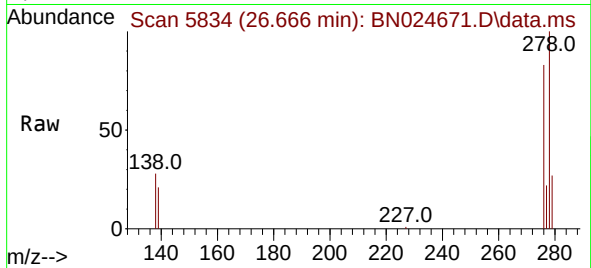




#28
 Dibenzo(a,h)anthracene
 Concen: 0.468 ng/ul
 RT: 26.666 min Scan# 5834
 Delta R.T. 0.037 min
 Lab File: BN024671.D
 Acq: 31 Mar 2023 09:35

Instrument :
 BNA_N
 ClientSampleId :
 SLCS691

Tgt Ion:278 Resp: 28077
 Ion Ratio Lower Upper
 278 100
 139 21.5 16.5 24.7
 279 26.9 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.460 ng/ul
 RT: 27.444 min Scan# 6066
 Delta R.T. 0.040 min
 Lab File: BN024671.D
 Acq: 31 Mar 2023 09:35

Tgt Ion:276 Resp: 29630
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.4 32.2
 277 24.4 19.8 29.6

